

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064824.D
 Acq On : 24 Nov 2020 21:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 25 04:08:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	191188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	303285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	276070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135984	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111308	50.08	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.16%
35) Dibromofluoromethane	7.55	113	96704	53.29	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.58%
50) Toluene-d8	10.06	98	376743	50.81	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.62%
62) 4-Bromofluorobenzene	12.37	95	135739	51.15	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.30%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	75592	45.620	ug/l 99
3) Chloromethane	2.04	50	97373	45.221	ug/l 99
4) Vinyl Chloride	2.17	62	105855	47.153	ug/l 95
5) Bromomethane	2.52	94	59312	40.270	ug/l 99
6) Chloroethane	2.67	64	67955	48.942	ug/l 95
7) Trichlorofluoromethane	2.99	101	148389	47.818	ug/l 95
8) Diethyl Ether	3.37	74	59512	48.585	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	88825	47.716	ug/l 99
10) Methyl Iodide	3.91	142	78615	32.558	ug/l 98
11) Tert butyl alcohol	4.75	59	78758	227.208	ug/l 99
12) 1,1-Dichloroethene	3.69	96	89437	48.241	ug/l 99
13) Acrolein	3.57	56	37464	176.943	ug/l 95
14) Allyl chloride	4.27	41	148870	48.685	ug/l 98
15) Acrylonitrile	4.93	53	237980	248.521	ug/l 99
16) Acetone	3.78	43	187737	256.942	ug/l 99
17) Carbon Disulfide	4.01	76	227299	47.484	ug/l 99
18) Methyl Acetate	4.28	43	107387	48.884	ug/l 99
19) Methyl tert-butyl Ether	5.00	73	301387	50.687	ug/l 100
20) Methylene Chloride	4.50	84	104991	45.856	ug/l 98
21) trans-1,2-Dichloroethene	4.99	96	98918	48.046	ug/l 98
22) Diisopropyl ether	5.90	45	320149	52.308	ug/l 98
23) Vinyl Acetate	5.84	43	1283907	262.324	ug/l 99
24) 1,1-Dichloroethane	5.80	63	182168	49.803	ug/l 100
25) 2-Butanone	6.79	43	301209	254.306	ug/l 96
26) 2,2-Dichloropropane	6.78	77	144006	45.393	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	114153	49.274	ug/l 99
28) Bromochloromethane	7.15	49	82008	49.009	ug/l 98
29) Tetrahydrofuran	7.17	42	201482	246.429	ug/l 99
30) Chloroform	7.33	83	184598	48.938	ug/l 100
31) Cyclohexane	7.61	56	146633	47.333	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	160696	49.602	ug/l 99
36) 1,1-Dichloropropene	7.75	75	138986	49.441	ug/l 99
37) Ethyl Acetate	6.88	43	127913	47.237	ug/l 100
38) Carbon Tetrachloride	7.73	117	143953	49.215	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064824.D
 Acq On : 24 Nov 2020 21:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 25 04:08:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	152321	50.334	ug/l	98
40) Benzene	8.00	78	419427	48.689	ug/l	97
41) Methacrylonitrile	7.13	41	58403	46.742	ug/l	94
42) 1,2-Dichloroethane	8.08	62	137934	47.465	ug/l	100
43) Isopropyl Acetate	8.13	43	208007	47.737	ug/l	98
44) Trichloroethene	8.80	130	117924	46.396	ug/l	100
45) 1,2-Dichloropropane	9.08	63	114320	51.245	ug/l	97
46) Dibromomethane	9.17	93	74161	49.761	ug/l	97
47) Bromodichloromethane	9.37	83	149298	49.787	ug/l	99
48) Methyl methacrylate	9.17	41	103100	49.518	ug/l	98
49) 1,4-Dioxane	9.17	88	36075	916.728	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	652551	249.455	ug/l	100
52) Toluene	10.12	92	265096	49.970	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	164735	49.322	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	177330	49.533	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	108036	49.524	ug/l	96
56) Ethyl methacrylate	10.40	69	154715	51.394	ug/l	100
57) 1,3-Dichloropropane	10.68	76	177150	49.228	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	427768	258.326	ug/l	100
59) 2-Hexanone	10.72	43	472306	250.876	ug/l	100
60) Dibromochloromethane	10.87	129	122337	50.450	ug/l	98
61) 1,2-Dibromoethane	10.97	107	108884	49.128	ug/l	99
64) Tetrachloroethene	10.60	164	116078	43.218	ug/l	98
65) Chlorobenzene	11.40	112	290781	49.048	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	108602	49.846	ug/l	99
67) Ethyl Benzene	11.48	91	503602	50.848	ug/l	99
68) m/p-Xylenes	11.59	106	389140	103.778	ug/l	99
69) o-Xylene	11.92	106	185030	51.999	ug/l	100
70) Styrene	11.94	104	318853	53.080	ug/l	100
71) Bromoform	12.10	173	83782	48.146	ug/l #	99
73) Isopropylbenzene	12.22	105	497393	52.586	ug/l	99
74) N-amyl acetate	12.04	43	189194	50.827	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	142011	51.224	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	197399	67.406	ug/l #	100
77) Bromobenzene	12.50	156	126094	49.448	ug/l	100
78) n-propylbenzene	12.56	91	559167	51.893	ug/l	99
79) 2-Chlorotoluene	12.65	91	332481	49.917	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	425166	54.079	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	48917	45.781	ug/l	94
82) 4-Chlorotoluene	12.75	91	346050	49.566	ug/l	98
83) tert-Butylbenzene	12.96	119	363555	55.169	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	428424	53.897	ug/l	100
85) sec-Butylbenzene	13.14	105	470830	53.812	ug/l	99
86) p-Isopropyltoluene	13.26	119	433566	54.428	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	222862	49.191	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	222473	46.433	ug/l	99
89) n-Butylbenzene	13.59	91	359795	51.432	ug/l	100
90) Hexachloroethane	13.85	117	74292	53.686	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	219311	49.300	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29747	47.687	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064824.D
Acq On : 24 Nov 2020 21:05
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Nov 25 04:08:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

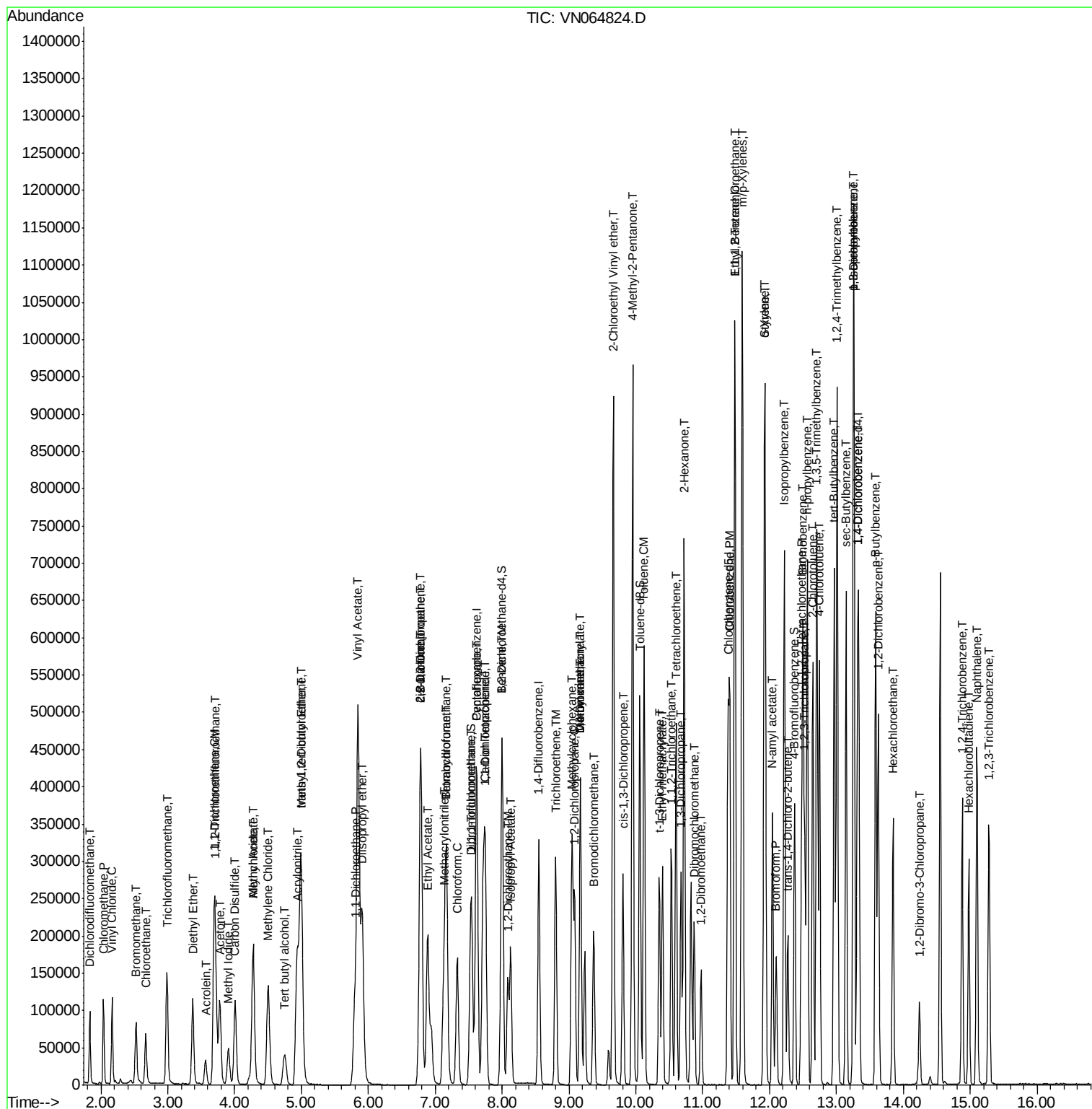
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	129437	47.036	ug/l	100
94) Hexachlorobutadiene	14.98	225	61371	49.528	ug/l	99
95) Naphthalene	15.10	128	398835	48.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	125426	48.018	ug/l	99

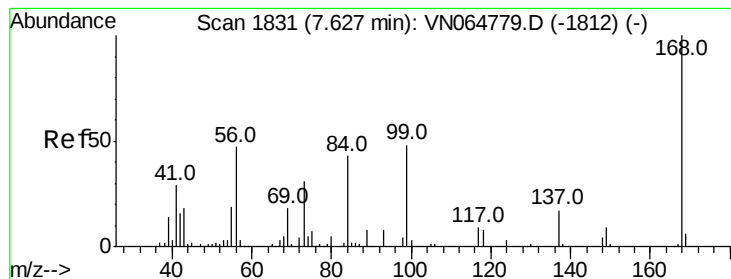
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064824.D
Acq On : 24 Nov 2020 21:05
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Nov 25 04:08:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

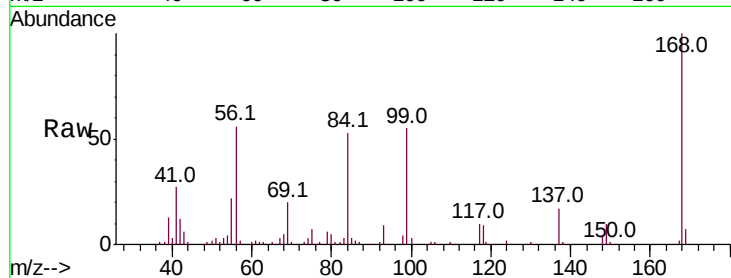
VSTDCCC050

Tot Ion:168 Resp: 191188

Ion Ratio Lower Upper

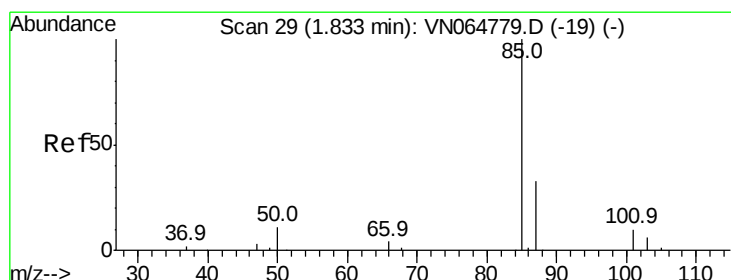
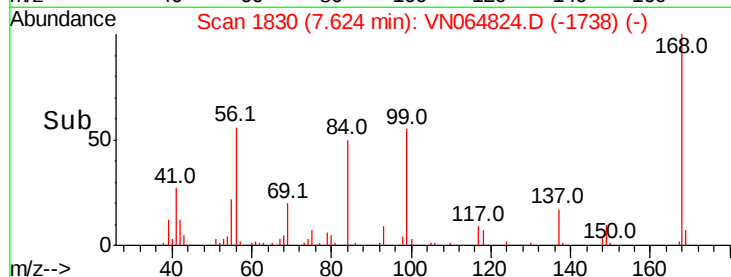
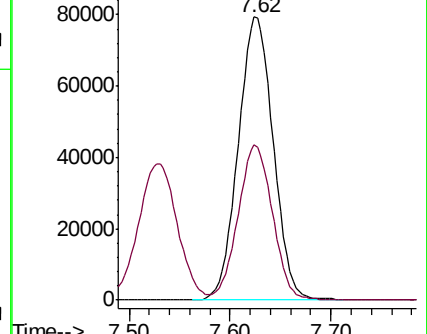
168 100

99 54.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 45.620 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064824.D

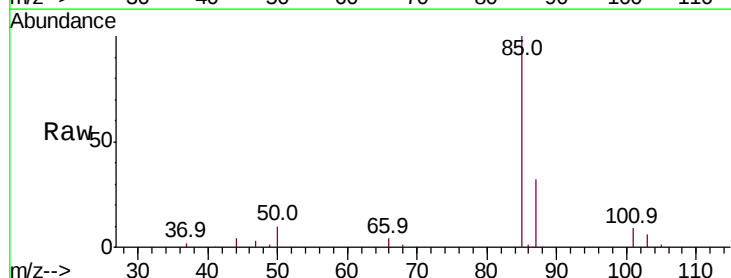
Acq: 24 Nov 2020 21:05

Tgt Ion: 85 Resp: 75592

Ion Ratio Lower Upper

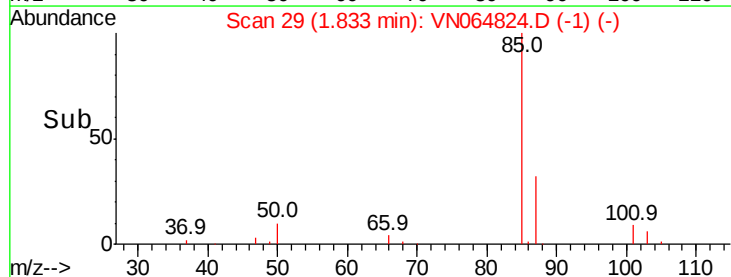
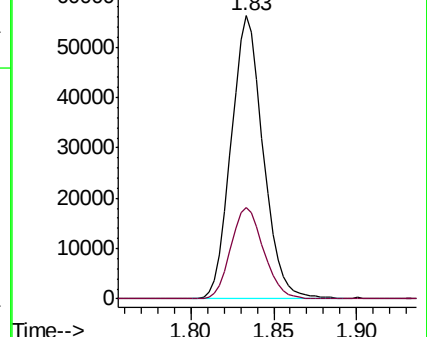
85 100

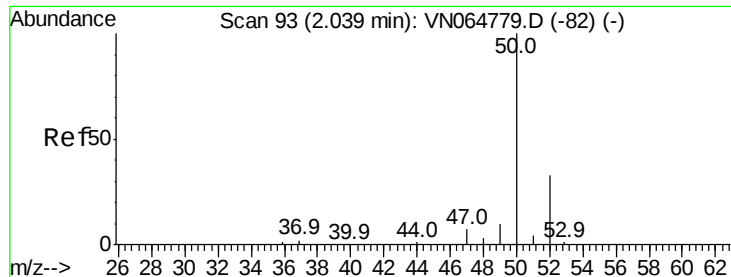
87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 45.221 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

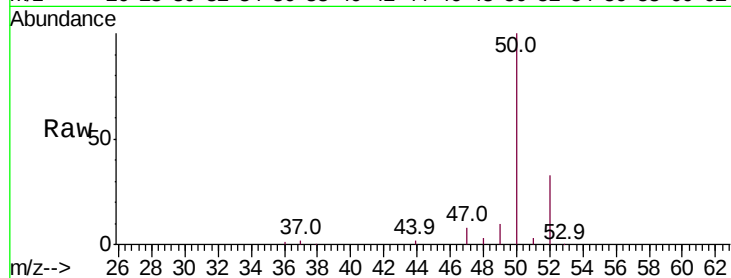
VSTDCCC050

Tot Ion: 50 Resp: 97373

Ion Ratio Lower Upper

50 100

52 32.7 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

80000

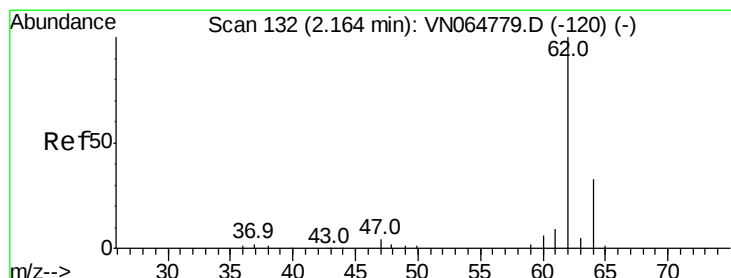
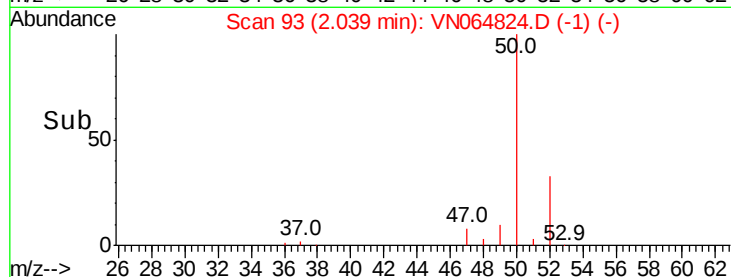
60000

40000

20000

0

Time--> 1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 47.153 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064824.D

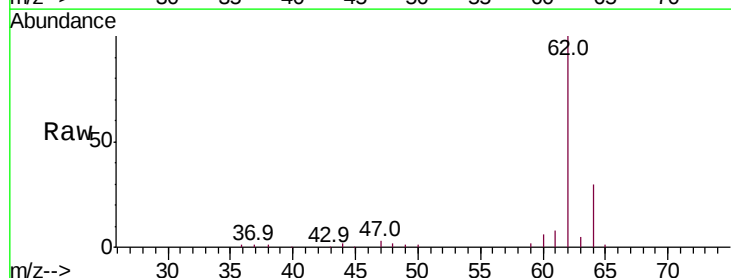
Acq: 24 Nov 2020 21:05

Tgt Ion: 62 Resp: 105855

Ion Ratio Lower Upper

62 100

64 30.3 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

80000

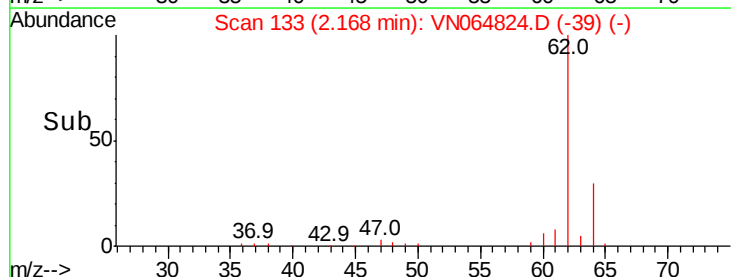
60000

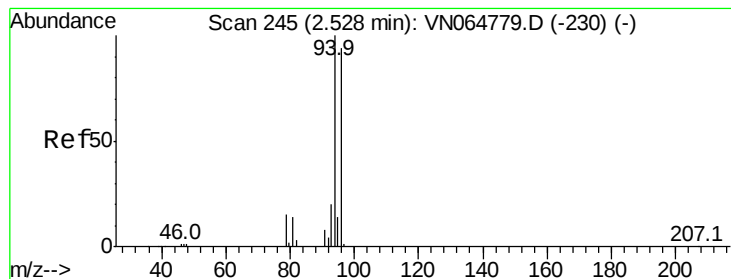
40000

20000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 40.270 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

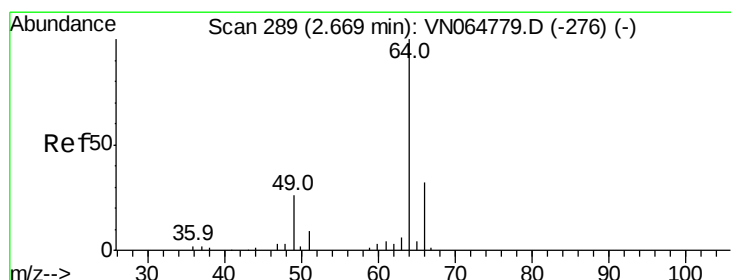
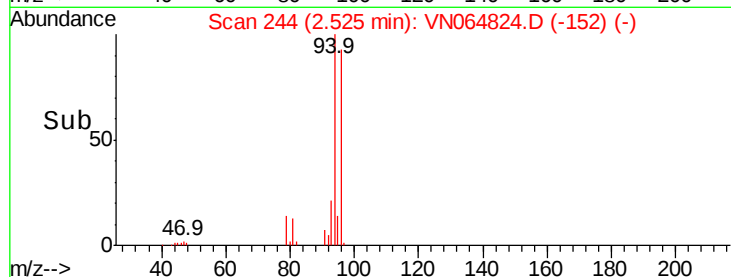
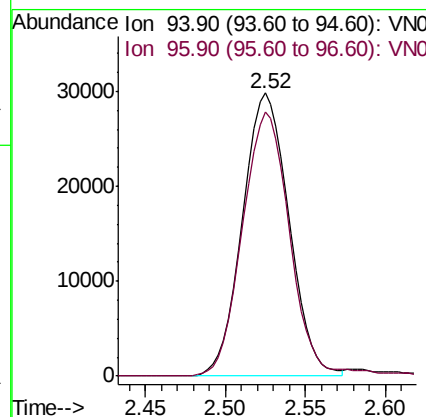
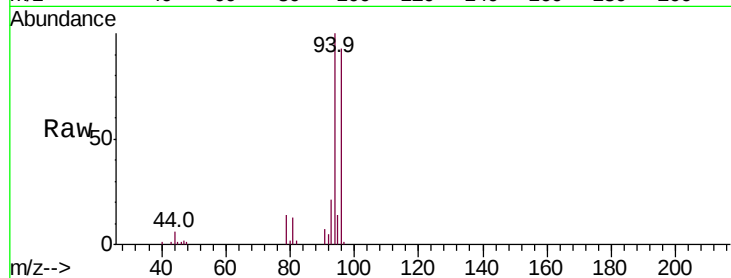
VSTDCCC050

Tot Ion: 94 Resp: 59312

Ion Ratio Lower Upper

94 100

96 93.4 75.4 113.0



#6

Chloroethane

Concen: 48.942 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064824.D

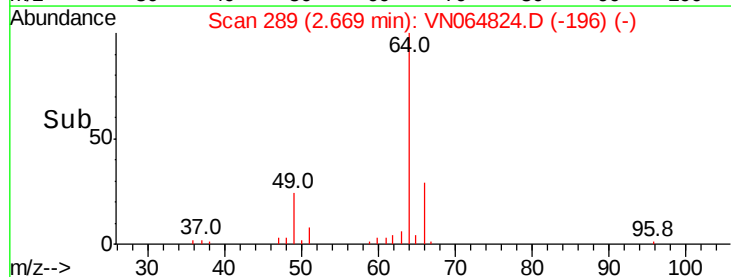
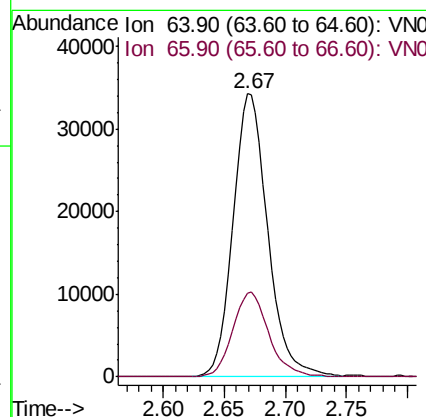
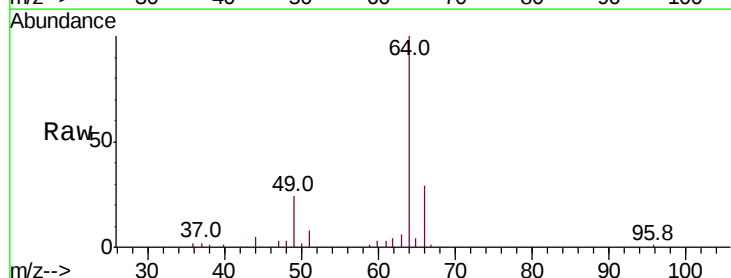
Acq: 24 Nov 2020 21:05

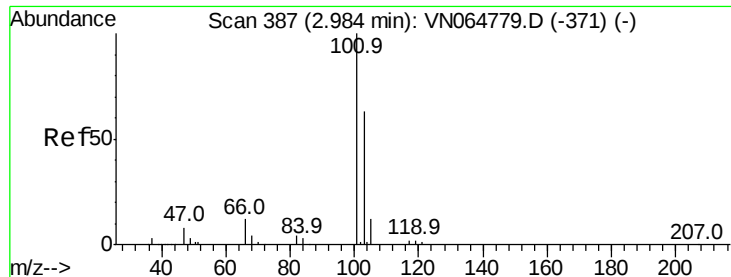
Tgt Ion: 64 Resp: 67955

Ion Ratio Lower Upper

64 100

66 29.4 25.6 38.4





#7

Trichlorofluoromethane

Concen: 47.818 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

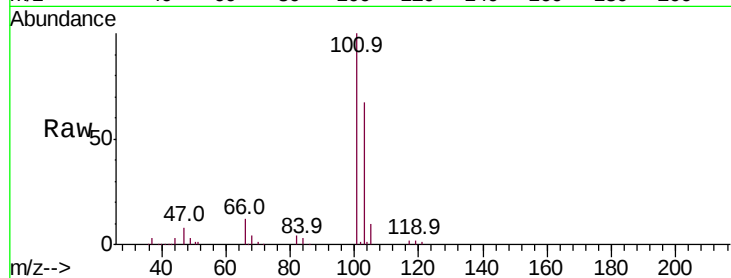
VSTDCCC050

Tot Ion:101 Resp: 148389

Ion Ratio Lower Upper

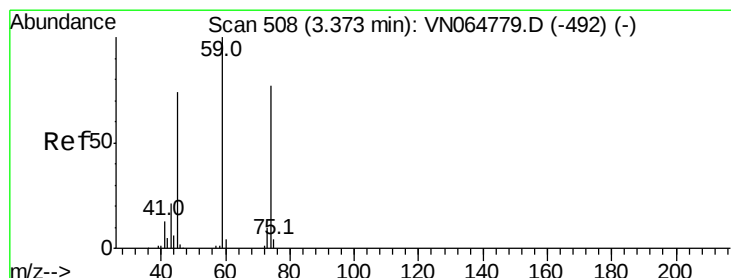
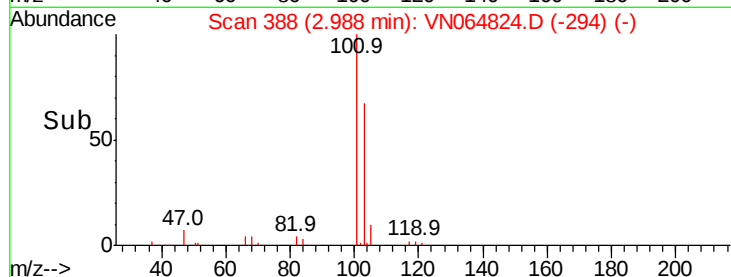
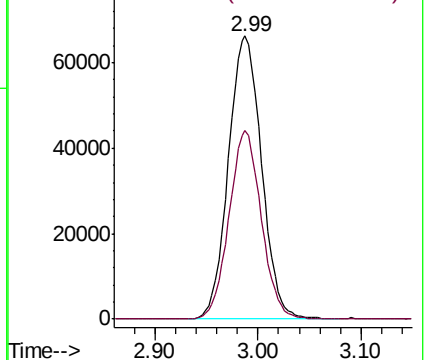
101 100

103 66.7 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 48.585 ug/l

RT: 3.37 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN064824.D

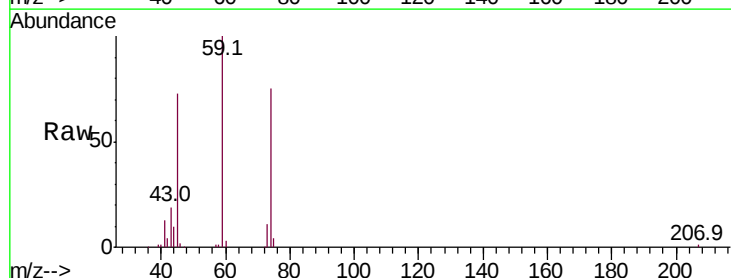
Acq: 24 Nov 2020 21:05

Tgt Ion: 74 Resp: 59512

Ion Ratio Lower Upper

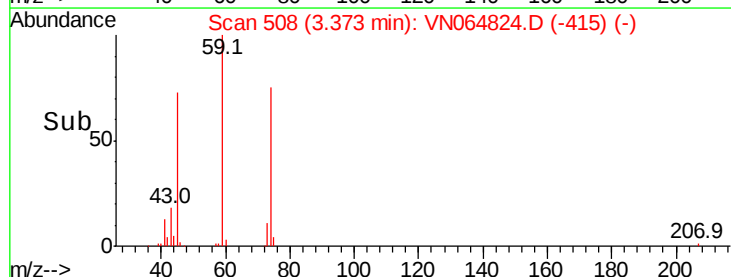
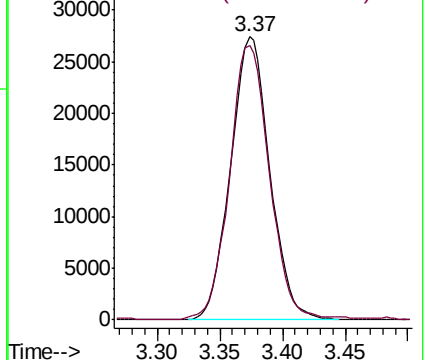
74 100

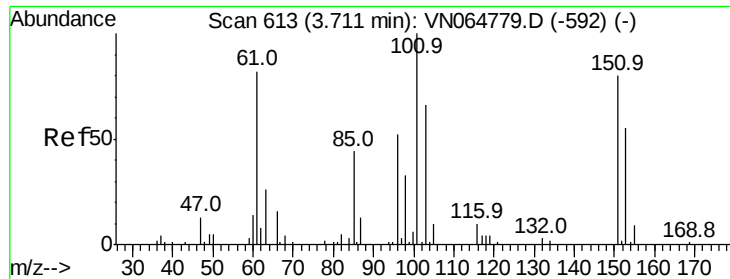
45 98.7 48.9 146.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.716 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

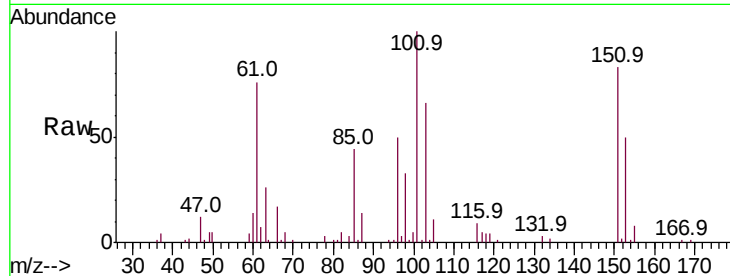
Tot Ion:101 Resp: 88825

Ion Ratio Lower Upper

101 100

85 42.4 34.4 51.6

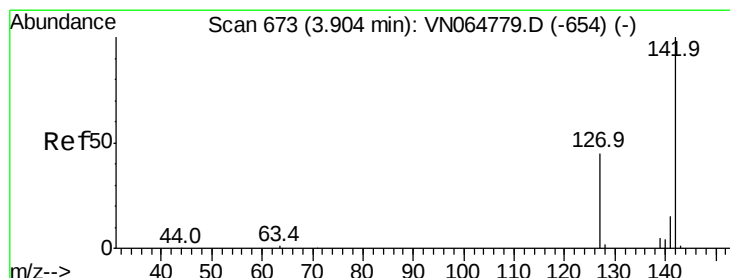
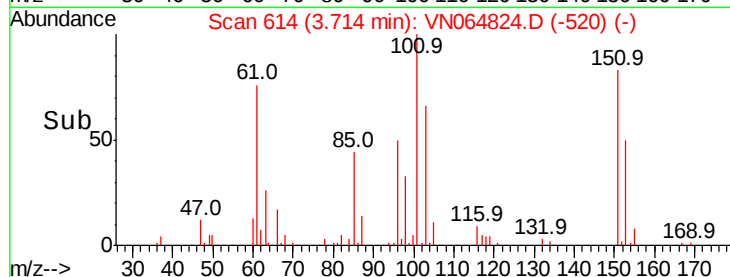
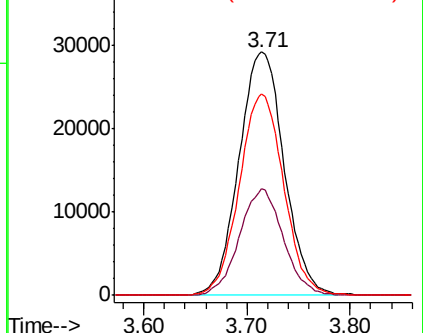
151 81.3 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 32.558 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

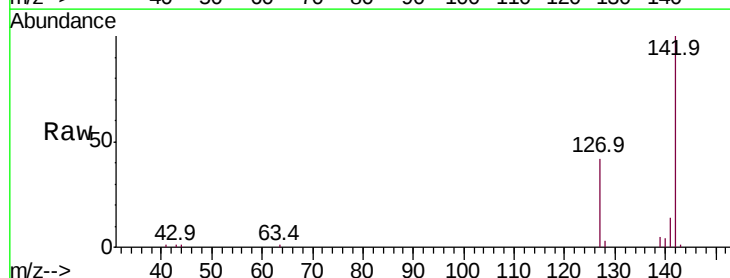
Tgt Ion:142 Resp: 78615

Ion Ratio Lower Upper

142 100

127 42.0 35.0 52.6

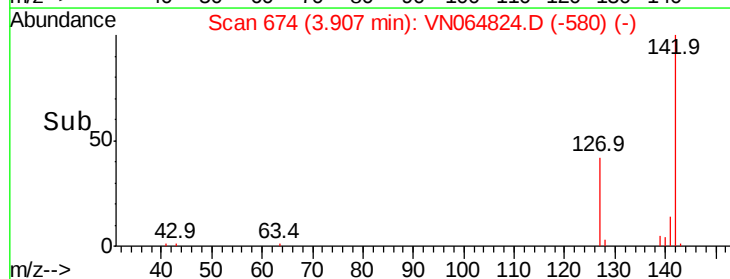
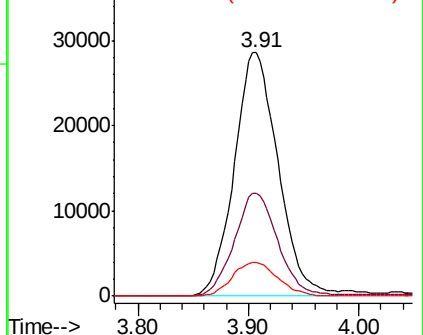
141 14.3 11.8 17.6

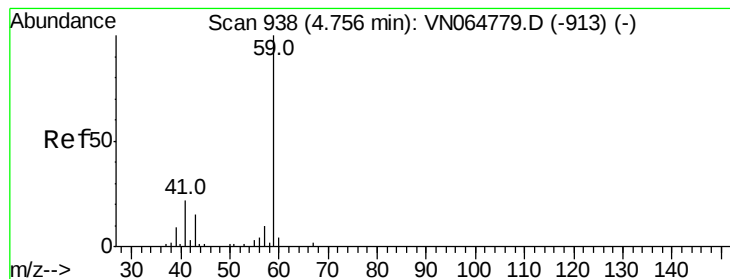


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



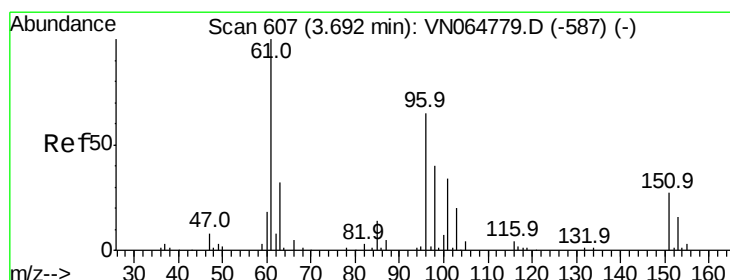
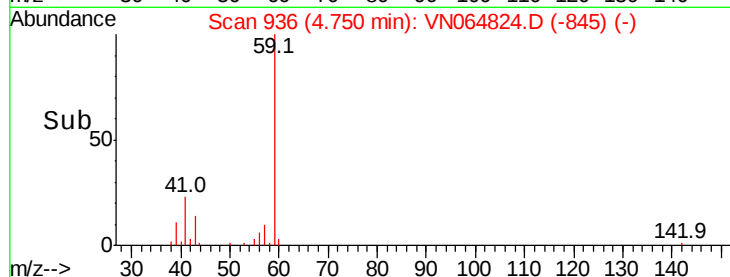
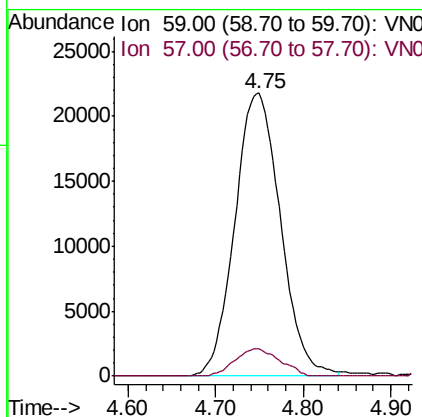
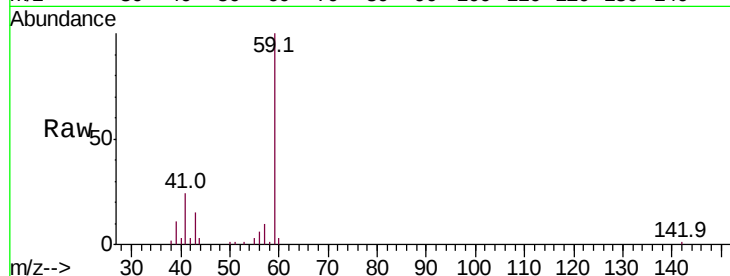


#11

Tert butyl alcohol
Concen: 227.208 ug/l
RT: 4.75 min Scan# 936
Delta R.T. -0.01 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

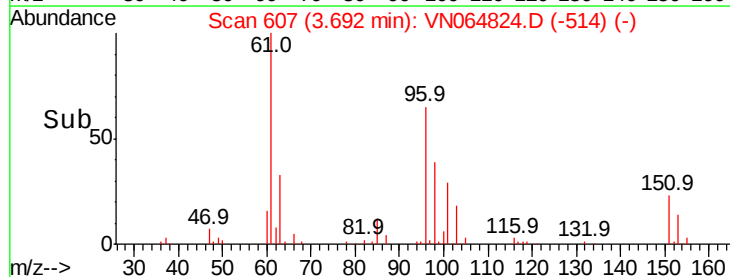
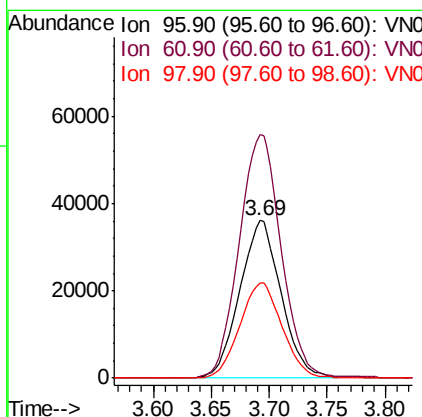
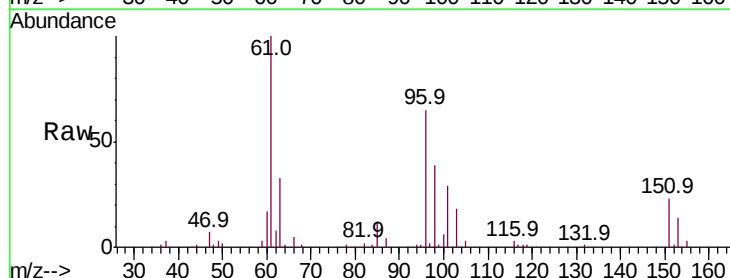
Tot Ion: 59 Resp: 78758
Ion Ratio Lower Upper
59 100
57 9.6 7.9 11.9

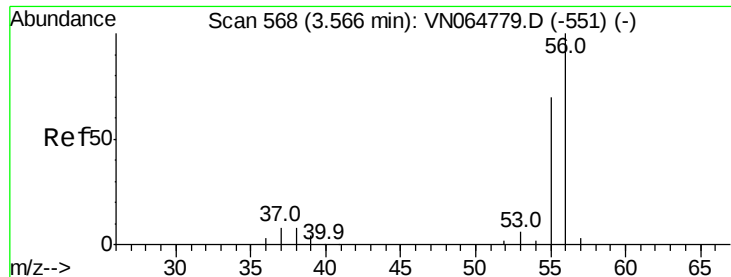


#12

1,1-Dichloroethene
Concen: 48.241 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion: 96 Resp: 89437
Ion Ratio Lower Upper
96 100
61 154.4 123.4 185.2
98 60.4 49.8 74.8





#13

Acrolein

Concen: 176.943 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

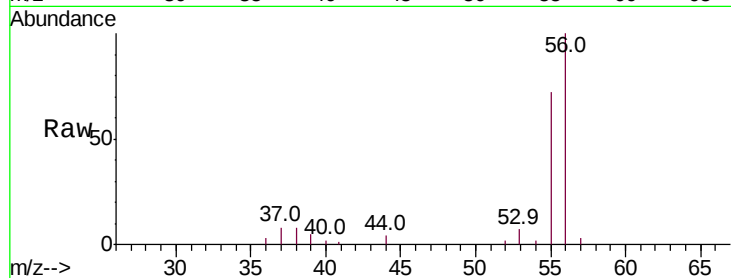
VSTDCCC050

Tot Ion: 56 Resp: 37464

Ion Ratio Lower Upper

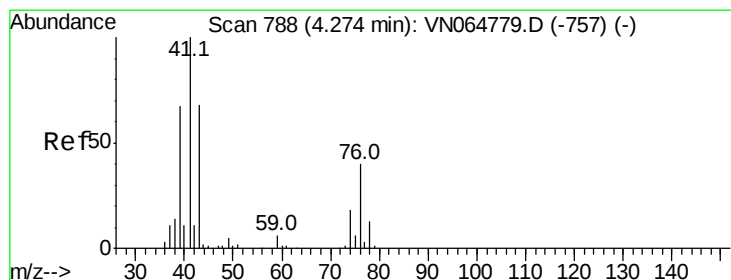
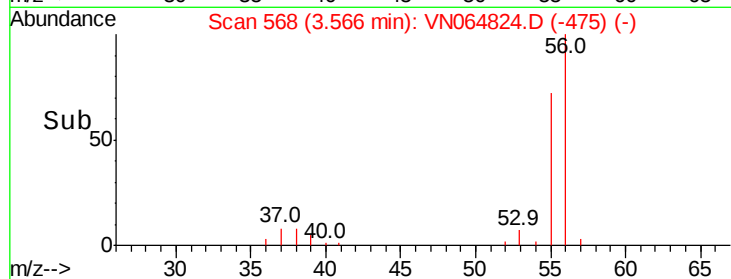
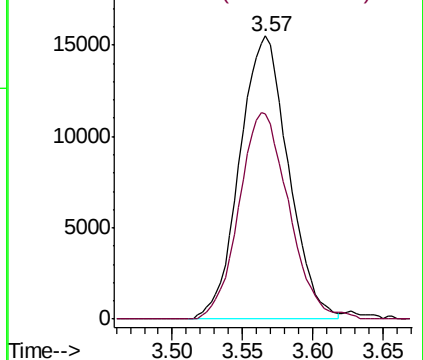
56 100

55 74.5 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 48.685 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

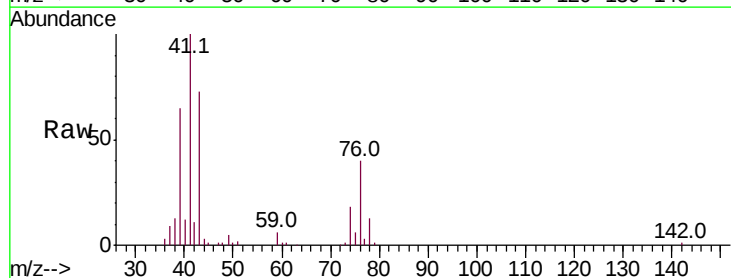
Tgt Ion: 41 Resp: 148870

Ion Ratio Lower Upper

41 100

39 61.6 50.9 76.3

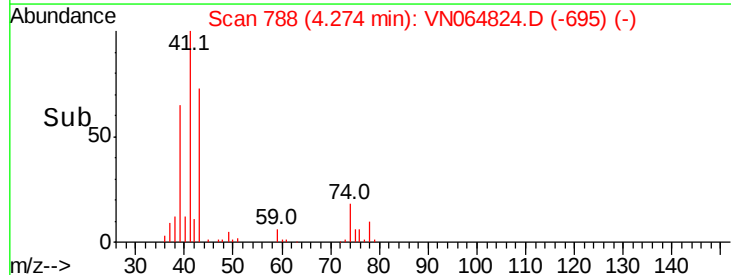
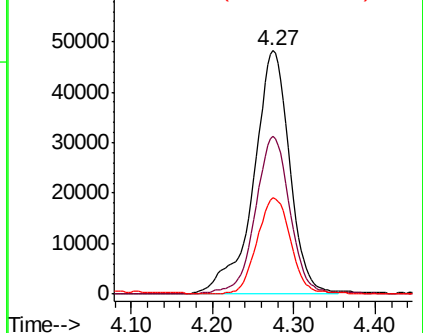
76 36.7 29.0 43.4

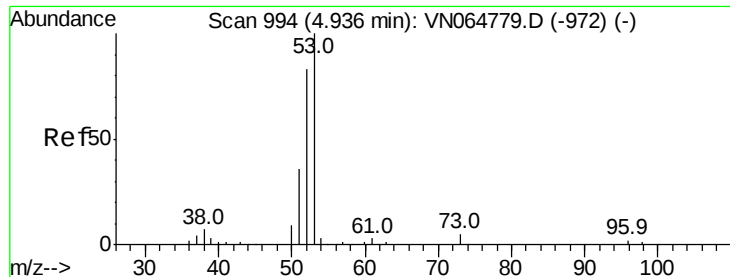


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO



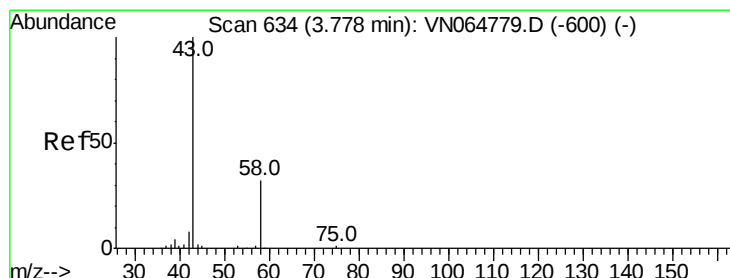
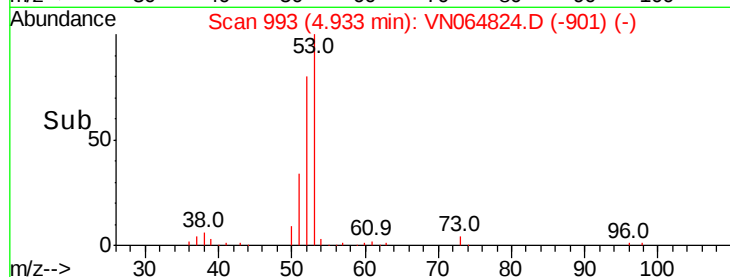
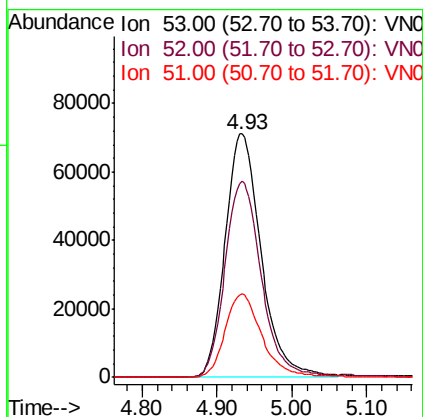
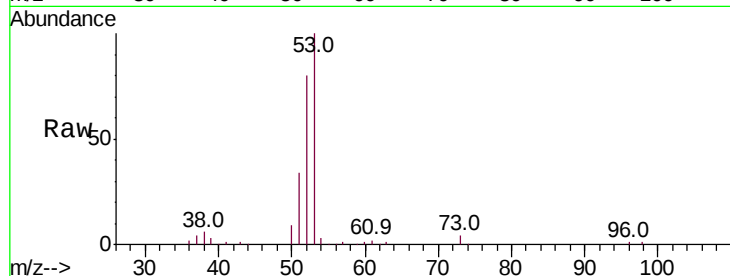


#15
 Acrylonitrile
 Concen: 248.521 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 53 Resp: 237980

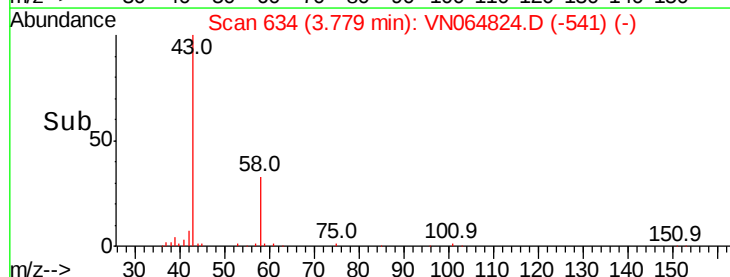
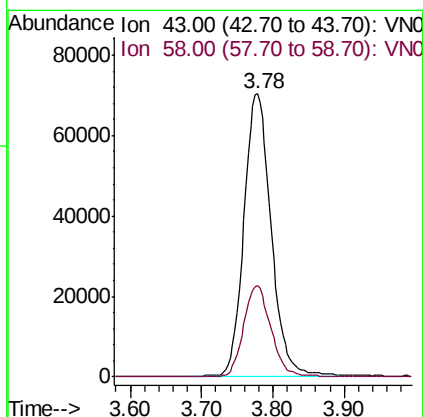
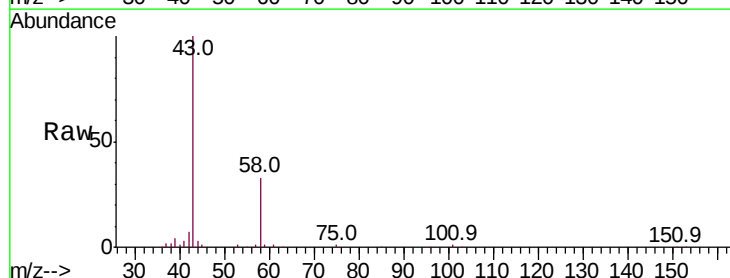
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.5	98.3
51	35.0	28.6	43.0

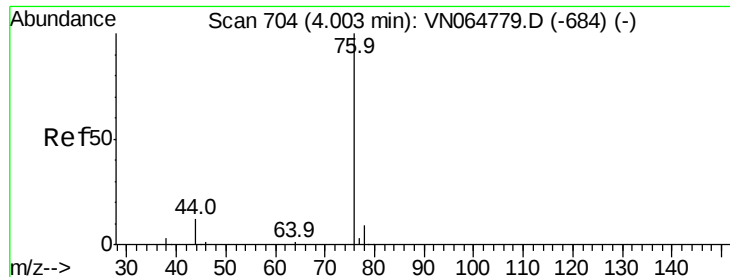


#16
 Acetone
 Concen: 256.942 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

Tgt Ion: 43 Resp: 187737

Ion	Ratio	Lower	Upper
43	100		
58	32.5	25.7	38.5

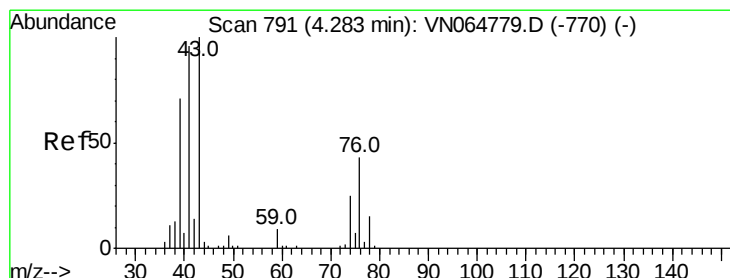
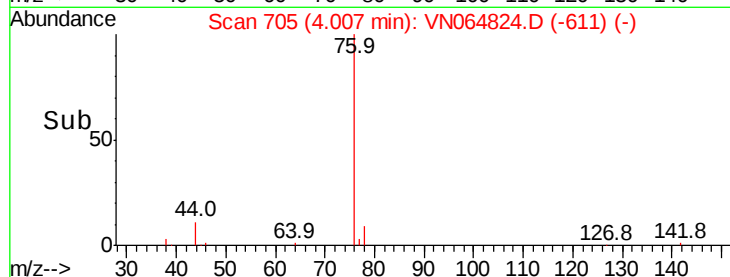
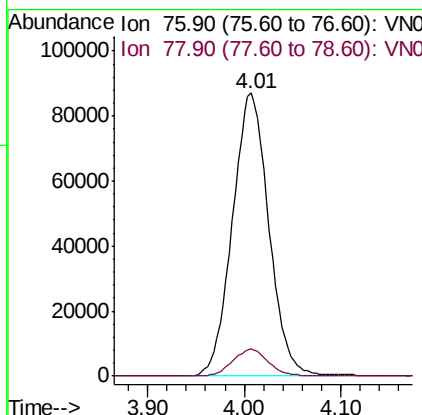
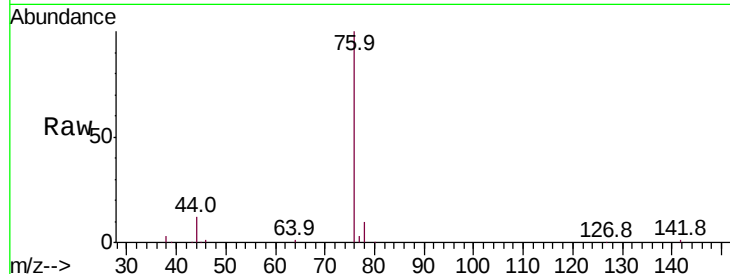




#17
Carbon Disulfide
Concen: 47.484 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

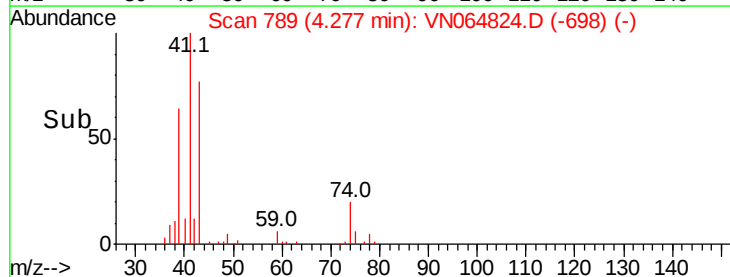
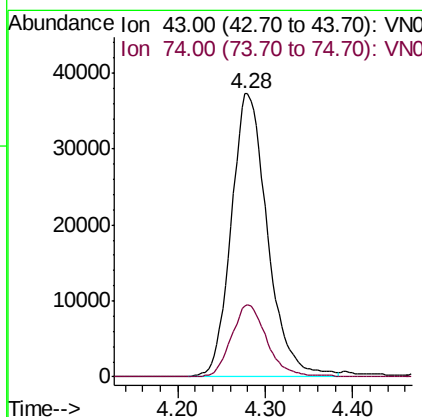
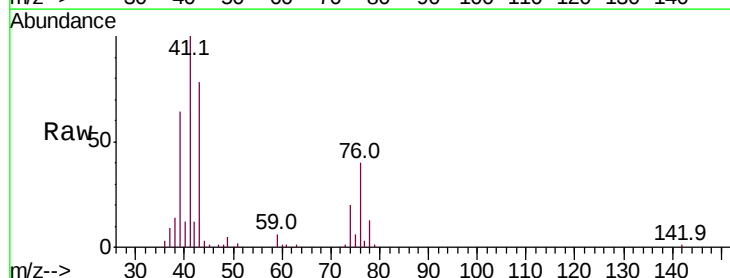
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

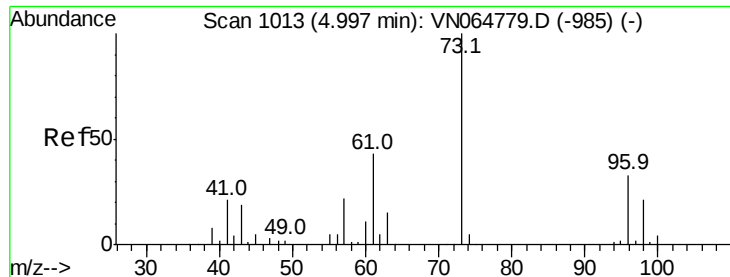
Tot Ion: 76 Resp: 227299
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 48.884 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion: 43 Resp: 107387
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.2

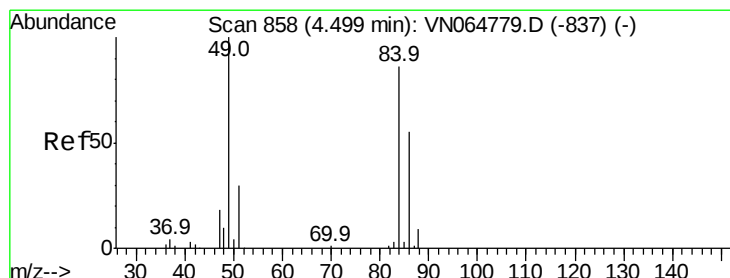
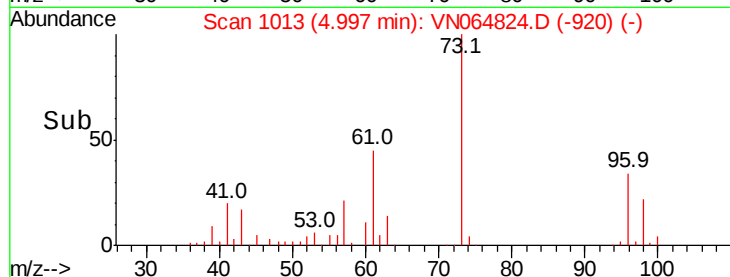
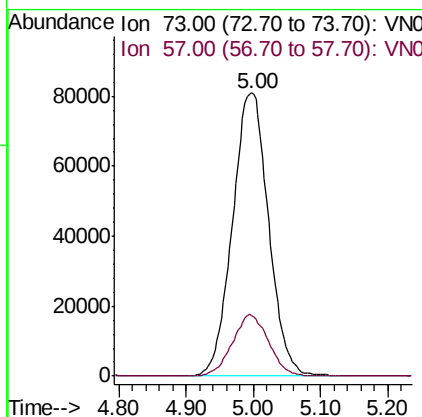
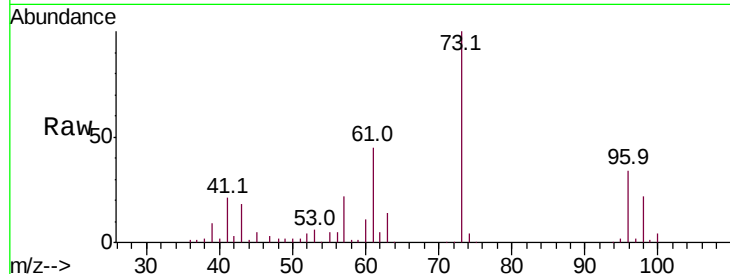




#19
Methyl tert-butyl Ether
Concen: 50.687 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

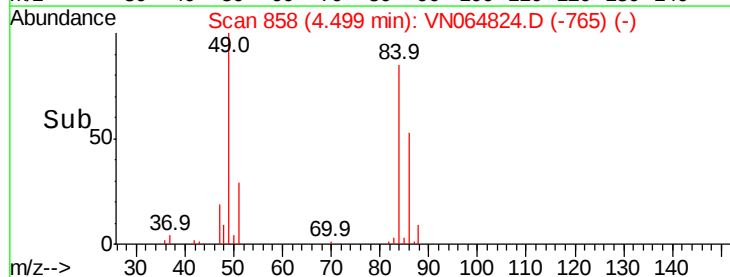
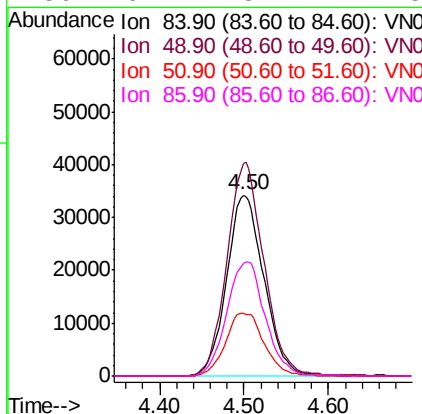
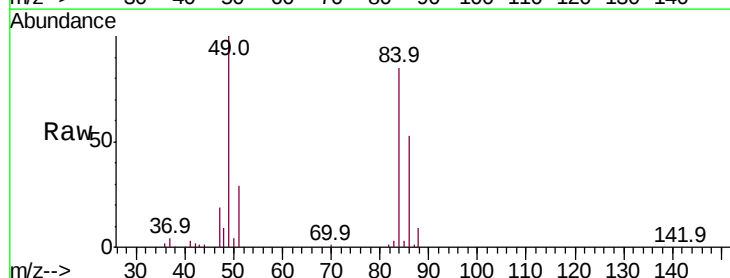
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

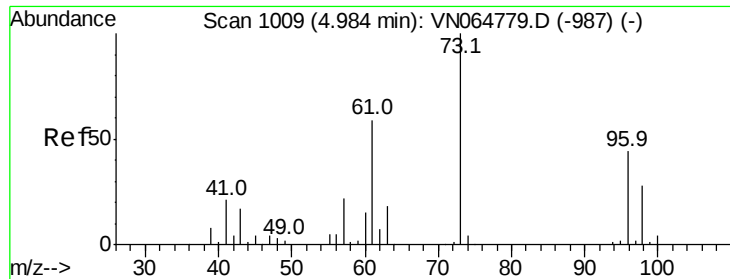
Tot Ion: 73 Resp: 301387
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0



#20
Methylene Chloride
Concen: 45.856 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion: 84 Resp: 104991
Ion Ratio Lower Upper
84 100
49 117.4 93.4 140.0
51 34.4 28.2 42.4
86 62.1 51.7 77.5

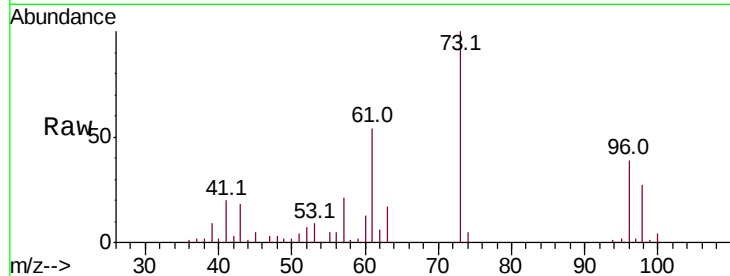




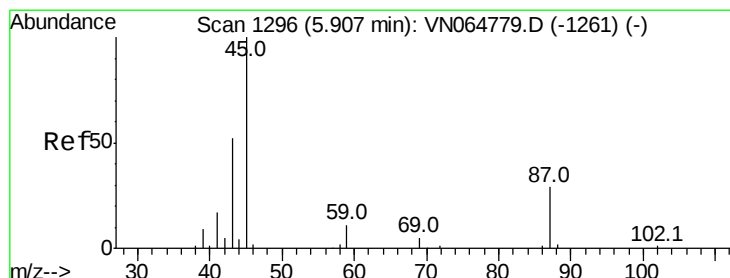
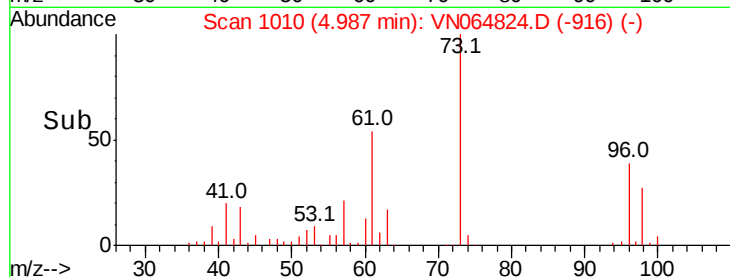
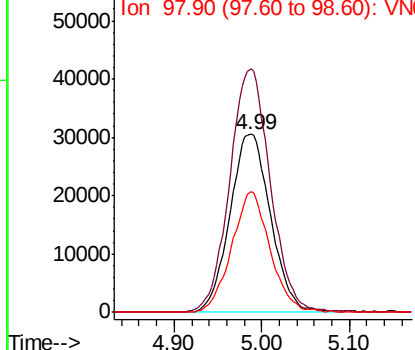
#21
trans-1,2-Dichloroethene
Concen: 48.046 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 96 Resp: 98918
Ion Ratio Lower Upper
96 100
61 136.0 108.4 162.6
98 68.0 51.3 76.9



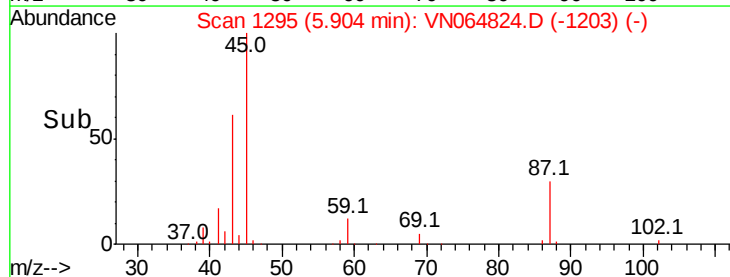
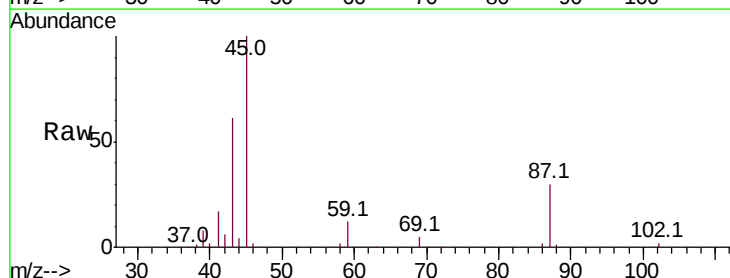
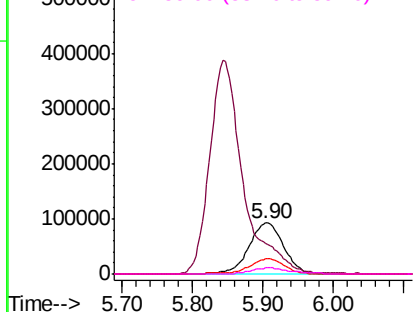
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

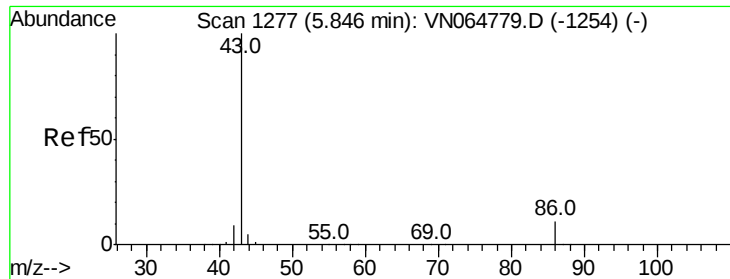


#22
Diisopropyl ether
Concen: 52.308 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion: 45 Resp: 320149
Ion Ratio Lower Upper
45 100
43 59.4 46.2 69.2
87 29.5 24.1 36.1
59 11.6 9.0 13.4

Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 262.324 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

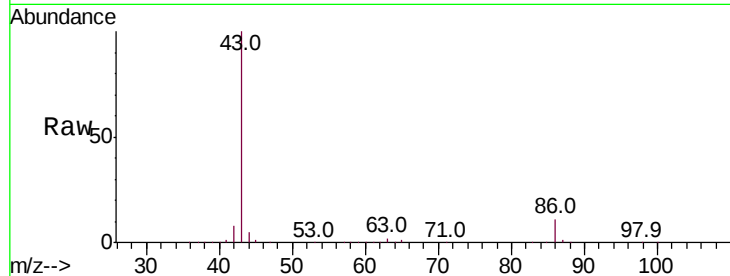
VSTDCCC050

Tot Ion: 43 Resp: 1283907

Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064824.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064824.D (-1184) (-)

5.84

400000

300000

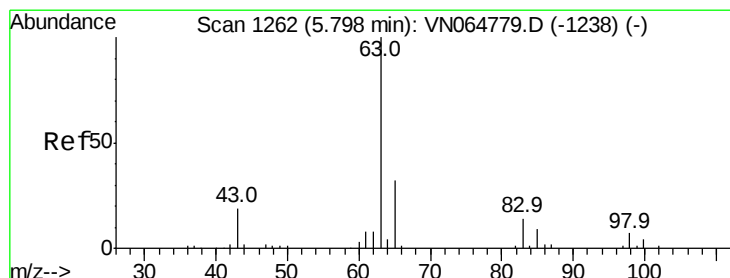
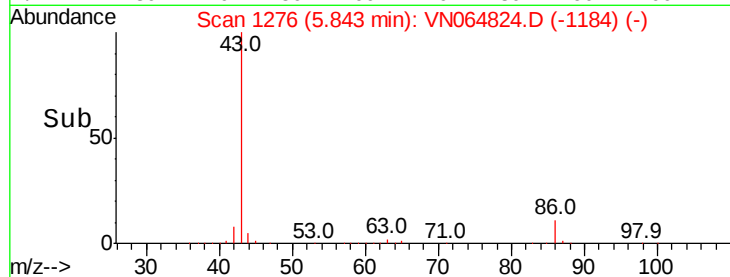
200000

100000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 49.803 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

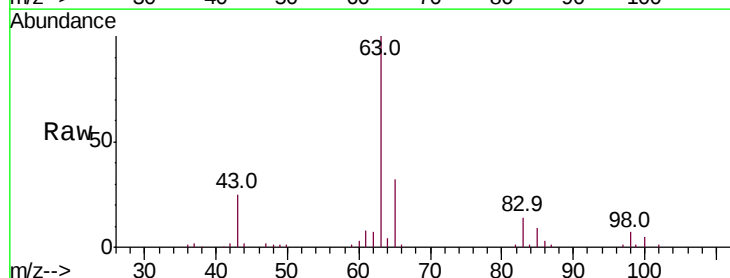
Tgt Ion: 63 Resp: 182168

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.6 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064824.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064824.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064824.D (-1169) (-)

5.80

60000

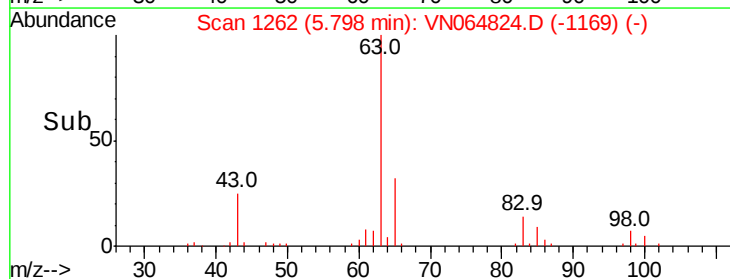
40000

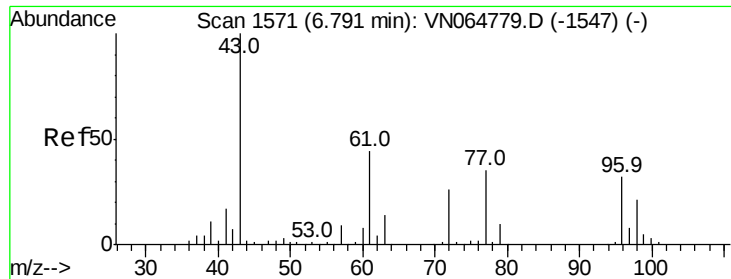
20000

0

Time-->

5.70 5.80 5.90

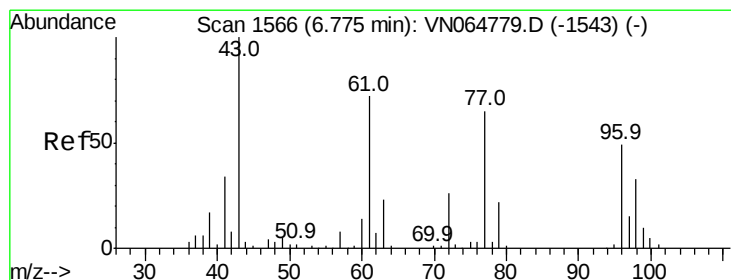
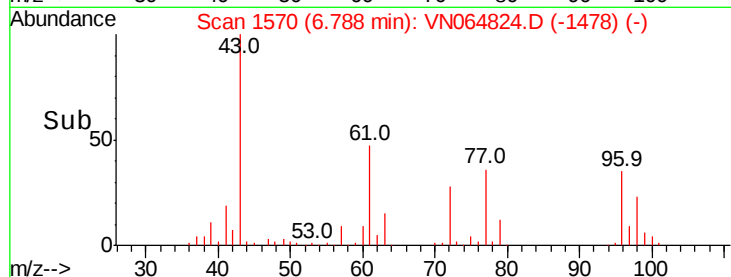
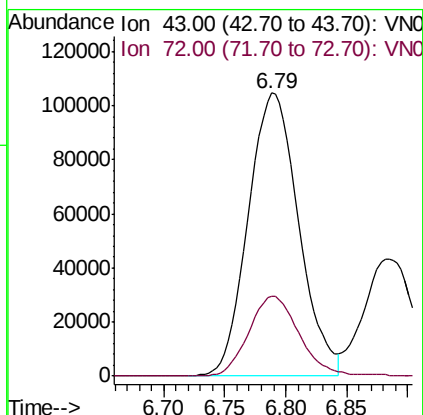
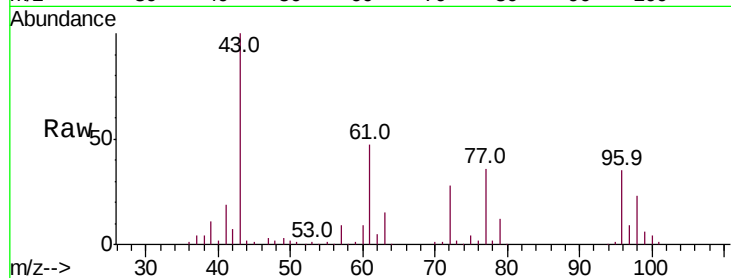




#25
2-Butanone
Concen: 254.306 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

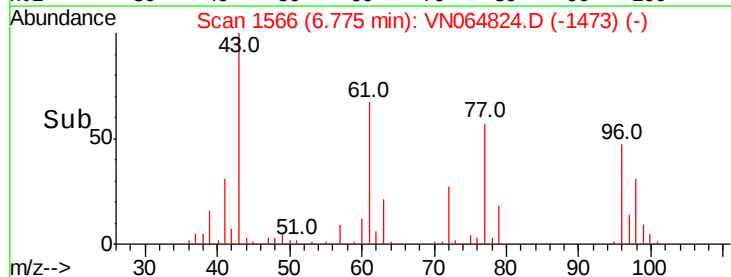
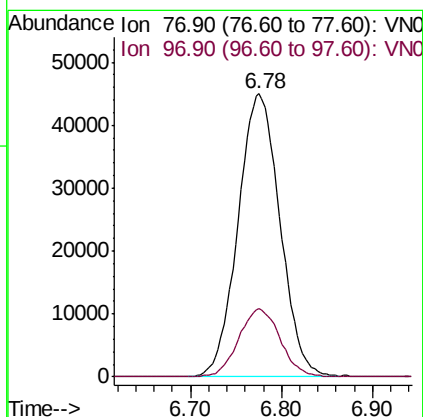
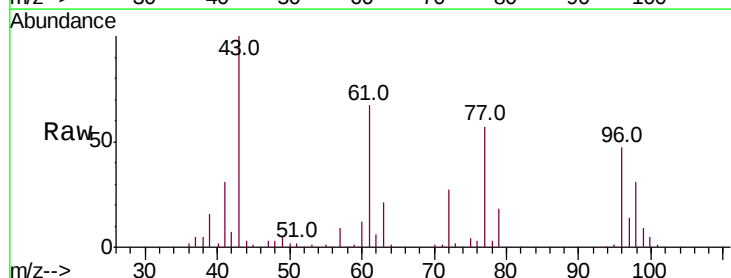
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

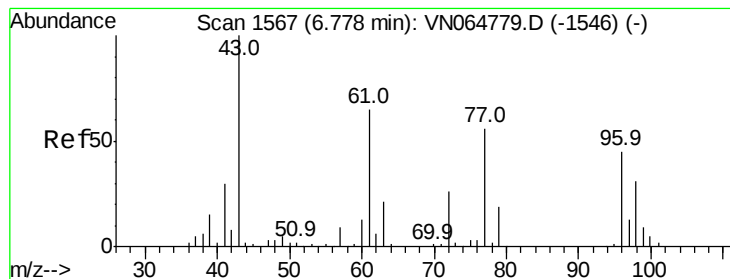
Tot Ion: 43 Resp: 301209
Ion Ratio Lower Upper
43 100
72 28.4 21.0 31.6



#26
2,2-Dichloropropane
Concen: 45.393 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion: 77 Resp: 144006
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.274 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

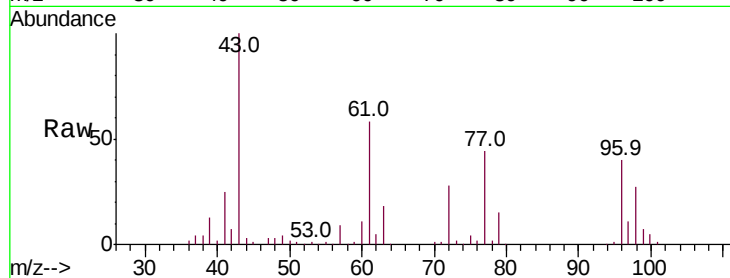
Tot Ion: 96 Resp: 114153

Ion Ratio Lower Upper

96 100

61 142.0 0.0 285.8

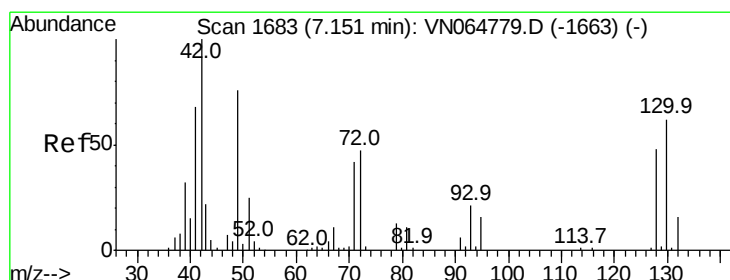
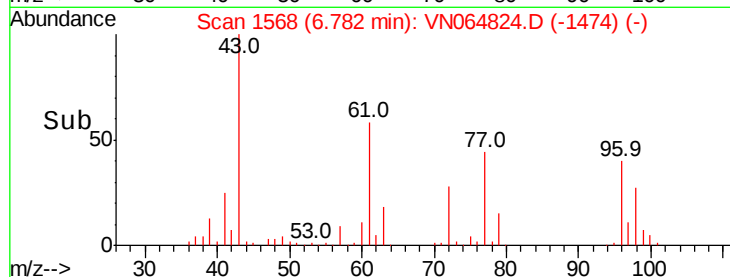
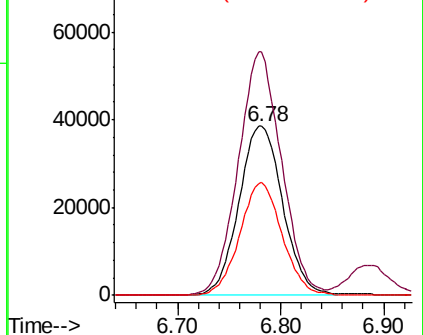
98 64.3 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1546) (-)



#28

Bromochloromethane

Concen: 49.009 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

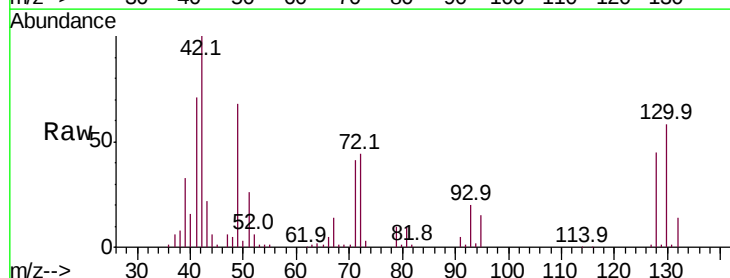
Tgt Ion: 49 Resp: 82008

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

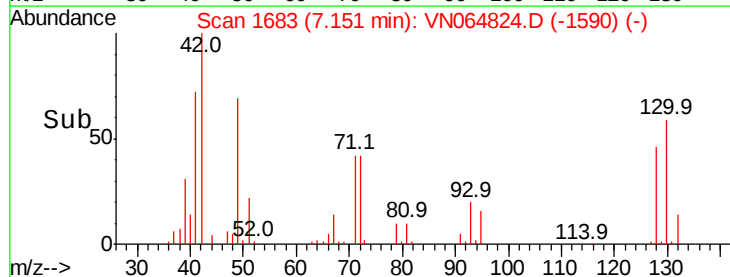
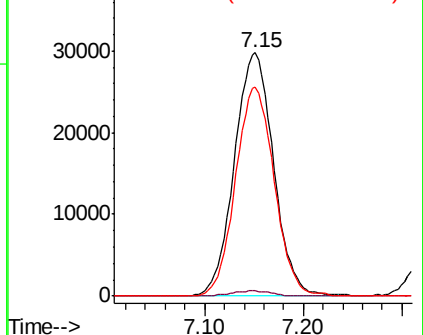
130 84.7 66.2 99.2

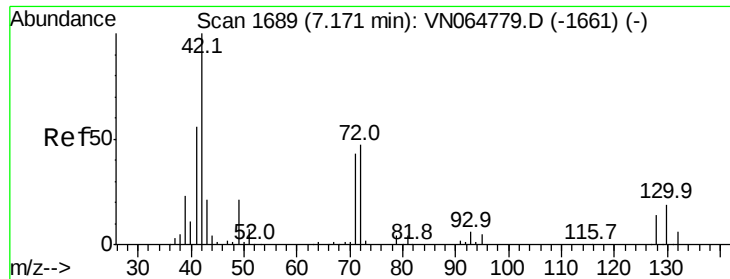


Abundance Ion 48.90 (48.60 to 49.60): VN064779.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN064779.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN064779.D (-1663) (-)

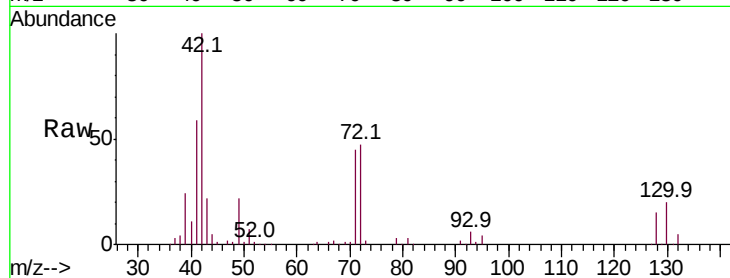




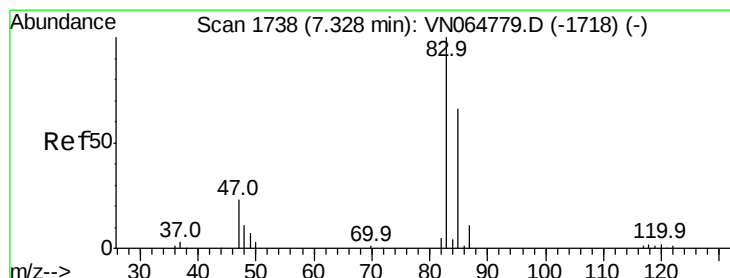
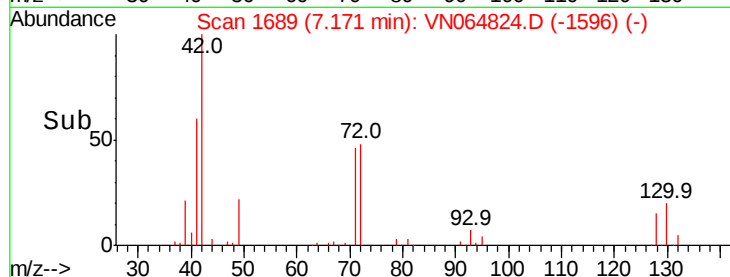
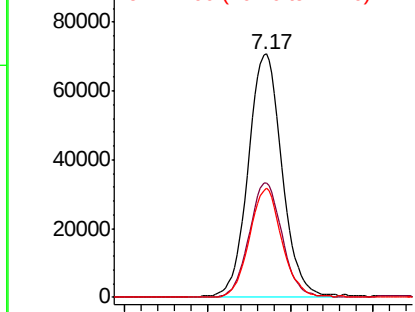
#29
Tetrahydrofuran
Concen: 246.429 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 201482
Ion Ratio Lower Upper
42 100
72 45.6 36.6 54.8
71 42.8 33.6 50.4

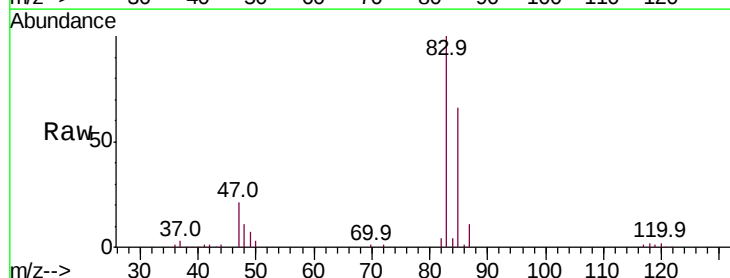


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

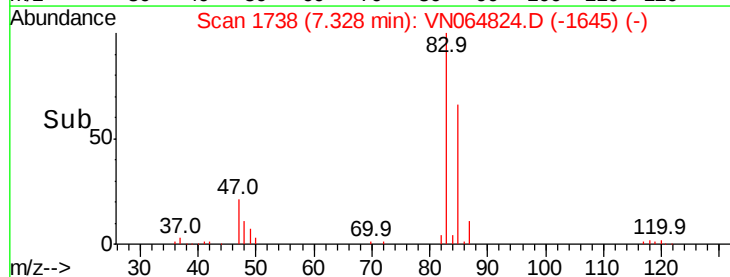
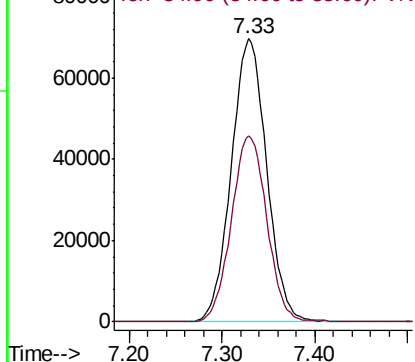


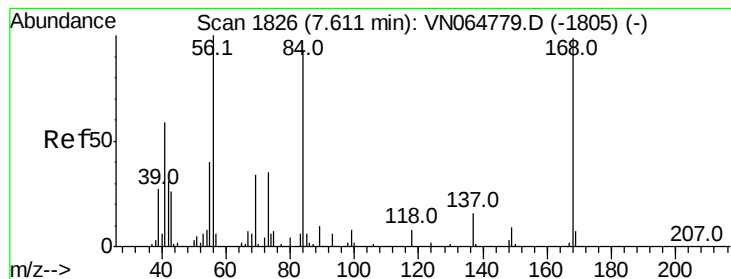
#30
Chloroform
Concen: 48.938 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion: 83 Resp: 184598
Ion Ratio Lower Upper
83 100
85 66.0 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 47.333 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

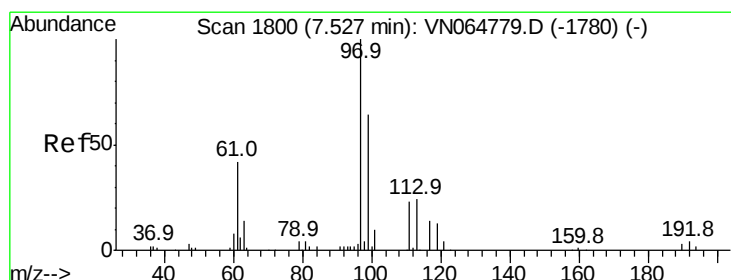
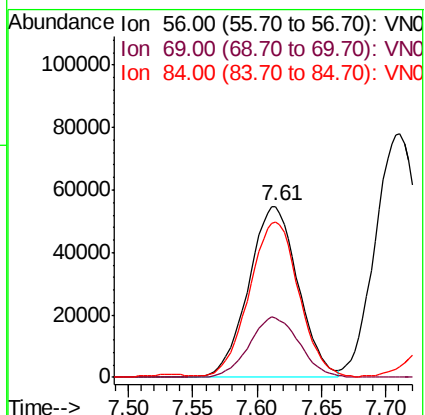
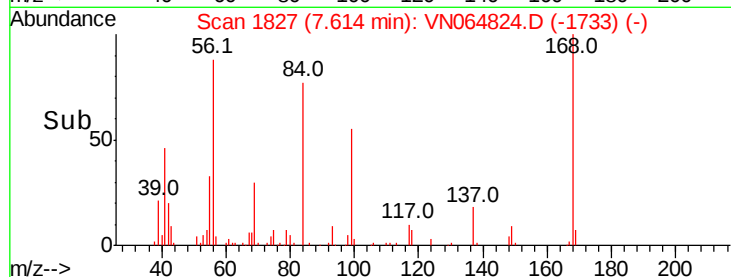
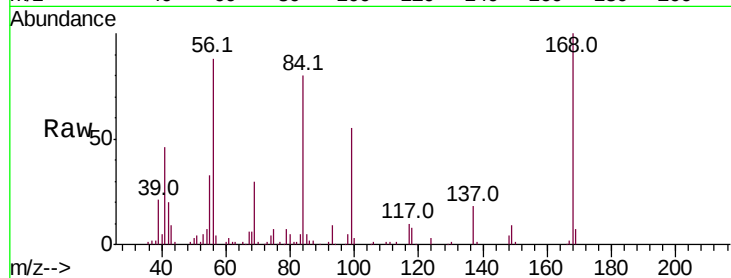
Tot Ion: 56 Resp: 146633

Ion Ratio Lower Upper

56 100

69 34.5 27.5 41.3

84 89.5 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 49.602 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

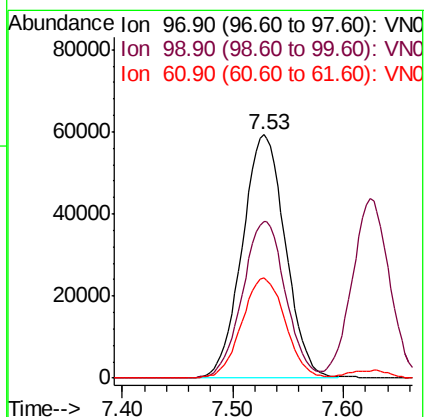
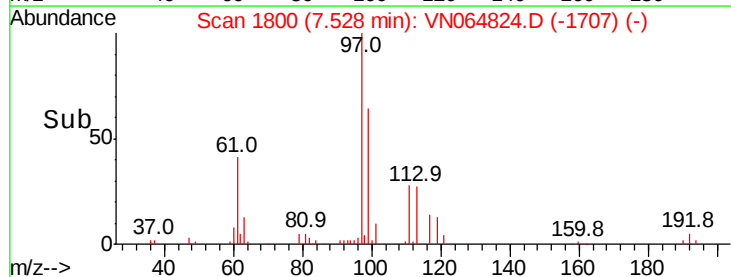
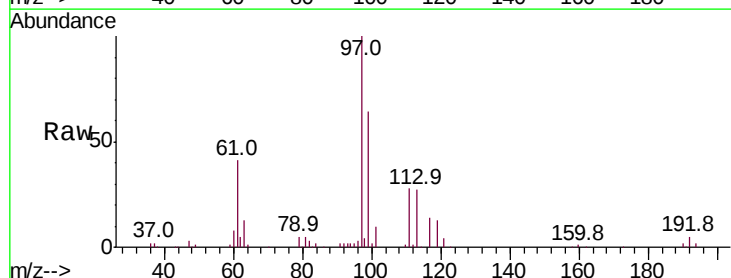
Tgt Ion: 97 Resp: 160696

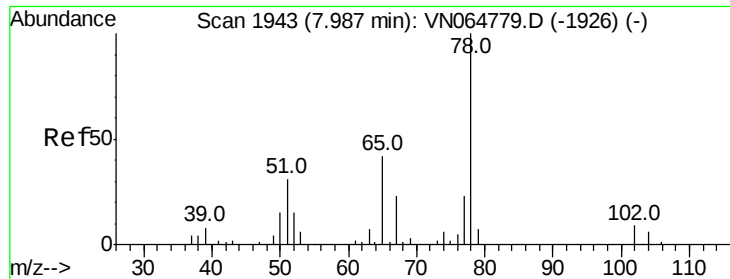
Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

61 41.4 33.9 50.9

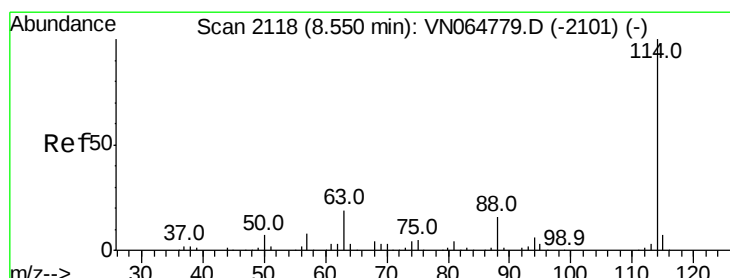
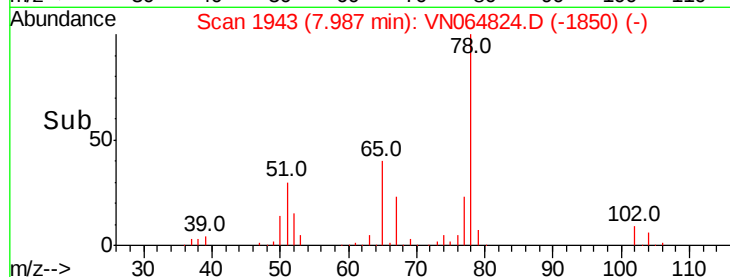
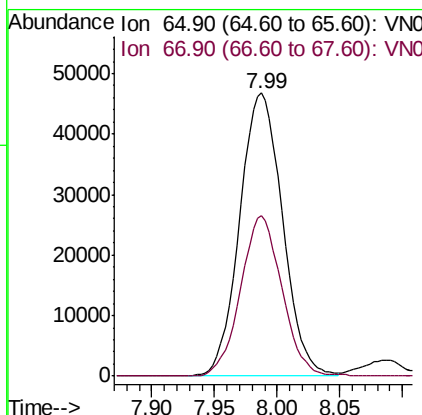
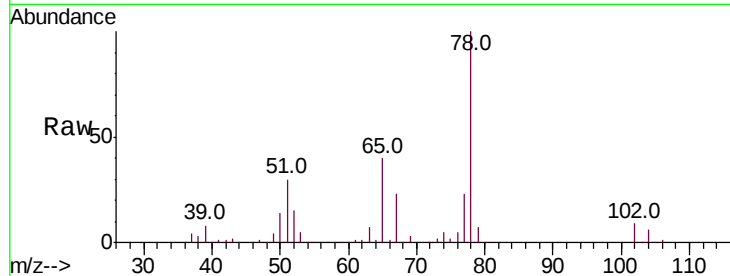




#33
 1,2-Dichloroethane-d4
 Concen: 50.078 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

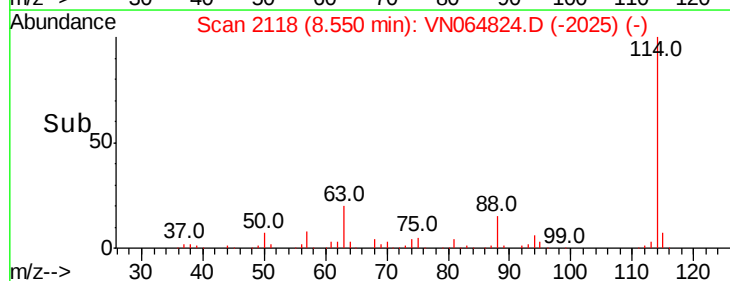
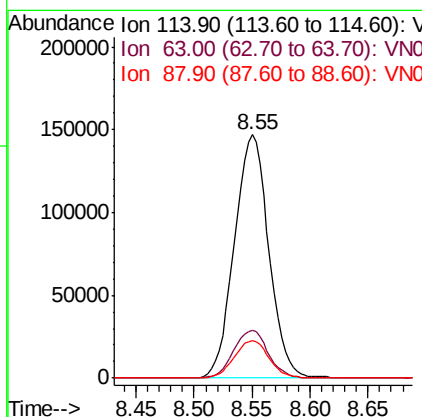
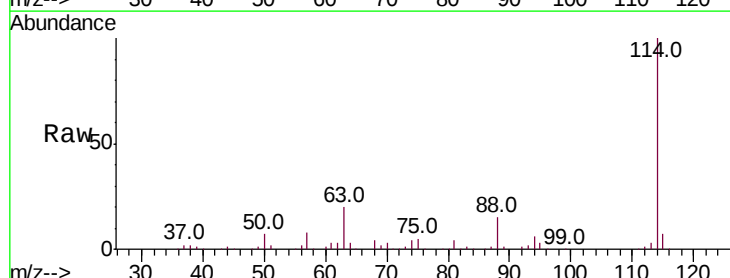
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

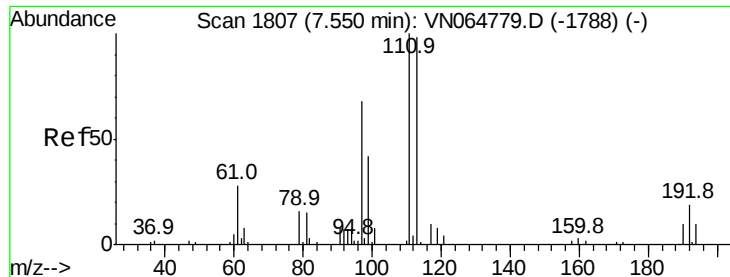
Tot Ion: 65 Resp: 111308
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

Tgt Ion: 114 Resp: 303285
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.4 0.0 32.6

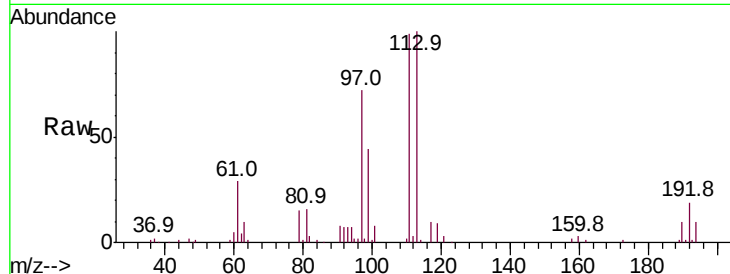




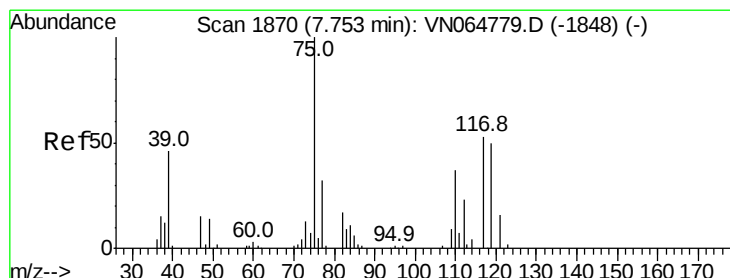
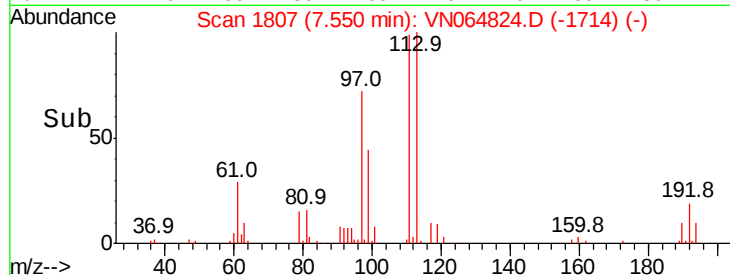
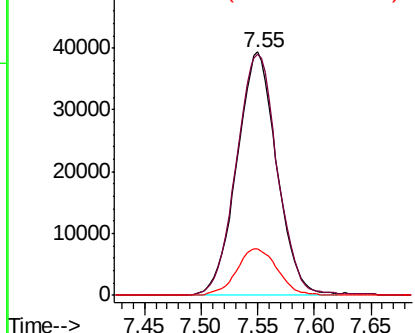
#35
 Dibromofluoromethane
 Concen: 53.287 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 96704
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.6 122.4
 192 19.5 16.2 24.2

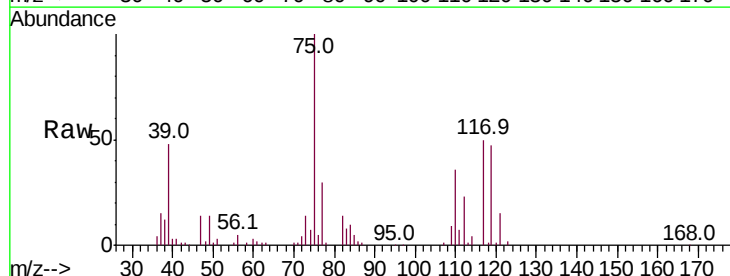


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

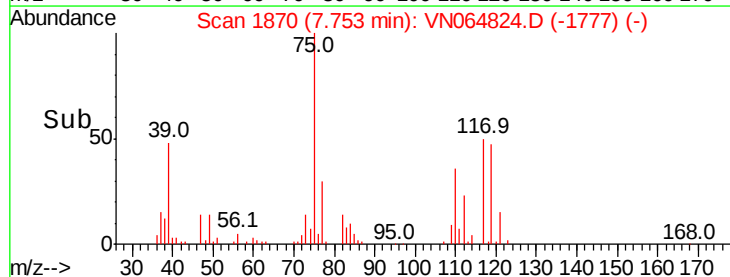
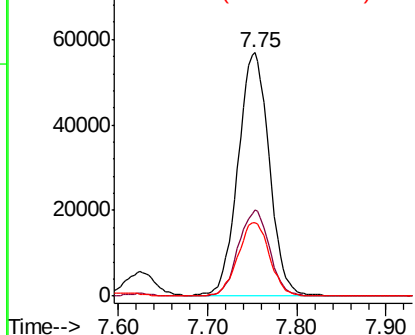


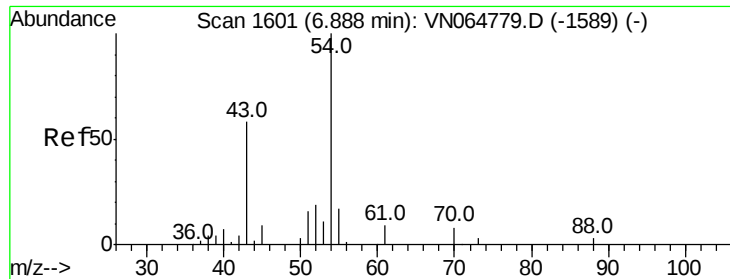
#36
 1,1-Dichloropropene
 Concen: 49.441 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

Tgt Ion: 75 Resp: 138986
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.8 53.3
 77 30.4 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

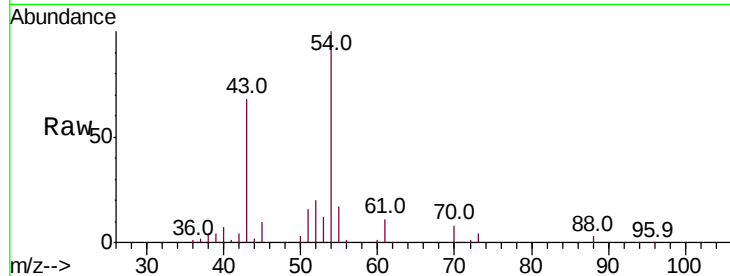




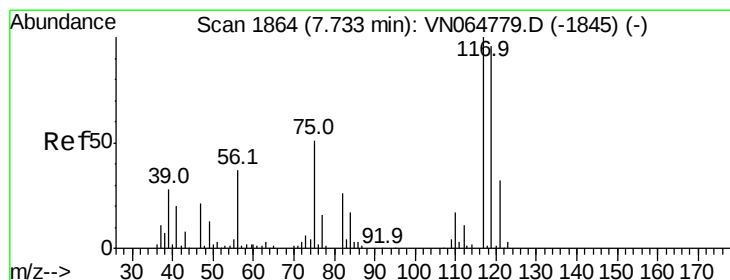
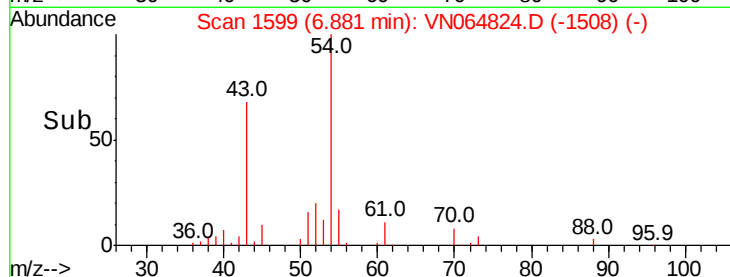
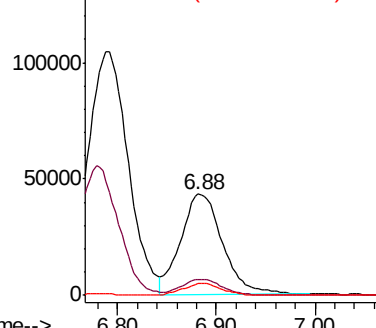
#37
Ethyl Acetate
Concen: 47.237 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 127913
Ion Ratio Lower Upper
43 100
61 15.8 12.8 19.2
70 11.2 8.8 13.2

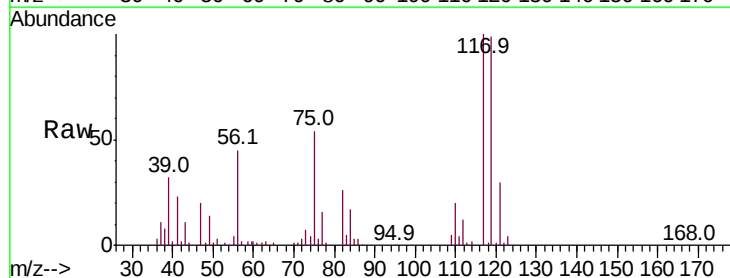


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

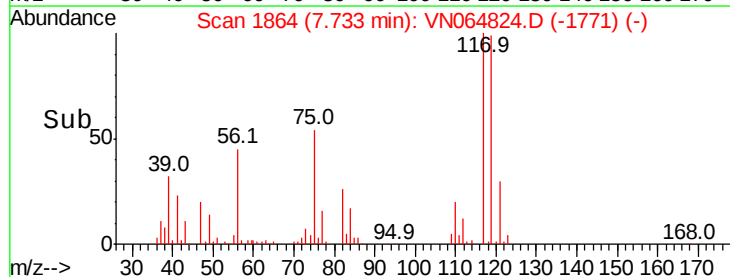
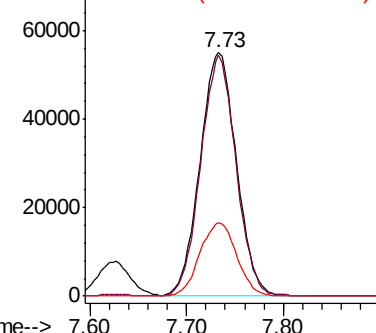


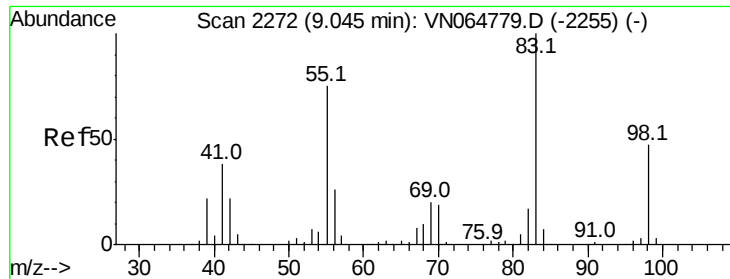
#38
Carbon Tetrachloride
Concen: 49.215 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion: 117 Resp: 143953
Ion Ratio Lower Upper
117 100
119 98.8 76.7 115.1
121 30.3 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

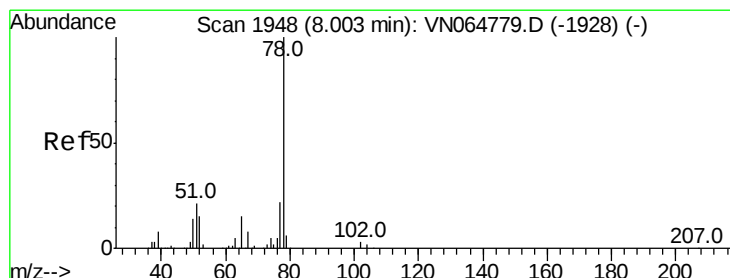
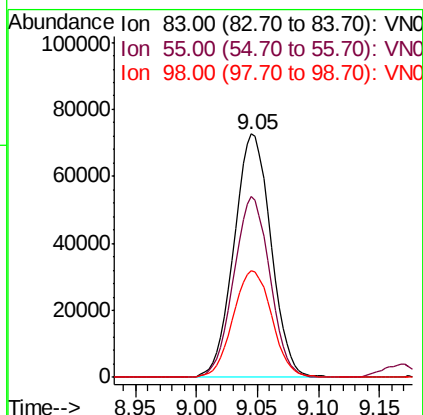
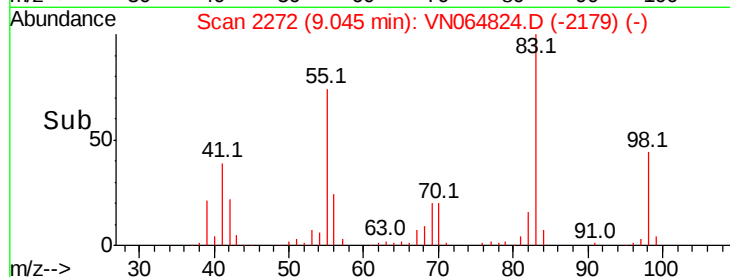
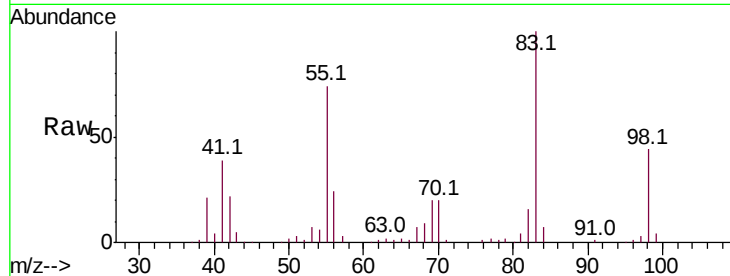




#39
Methvlcvclohexane
Concen: 50.334 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

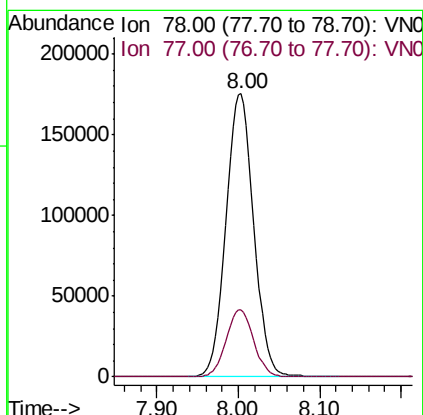
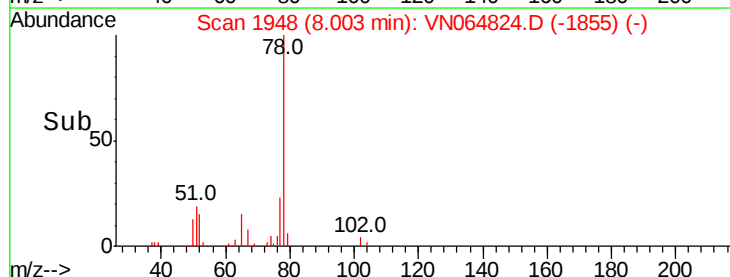
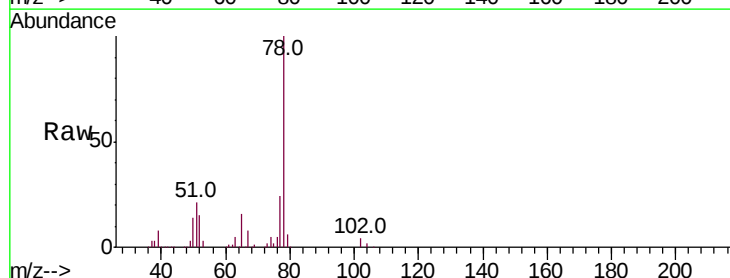
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

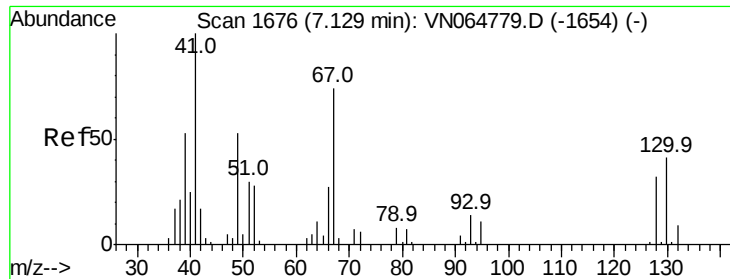
Tot Ion: 83 Resp: 152321
Ion Ratio Lower Upper
83 100
55 74.4 60.2 90.2
98 43.6 37.4 56.2



#40
Benzene
Concen: 48.689 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion: 78 Resp: 419427
Ion Ratio Lower Upper
78 100
77 23.7 17.9 26.9

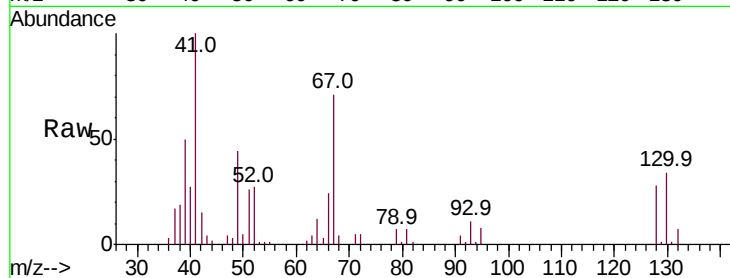




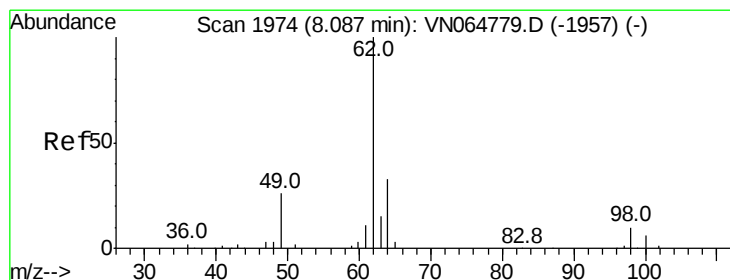
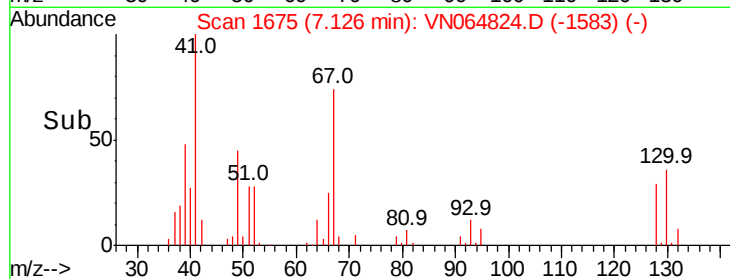
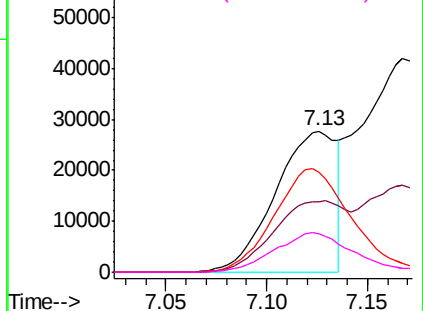
#41
Methacrylonitrile
Concen: 46.742 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 58403
Ion Ratio Lower Upper
41 100
39 60.1 51.0 76.6
67 92.9 79.8 119.8
52 36.4 31.5 47.3

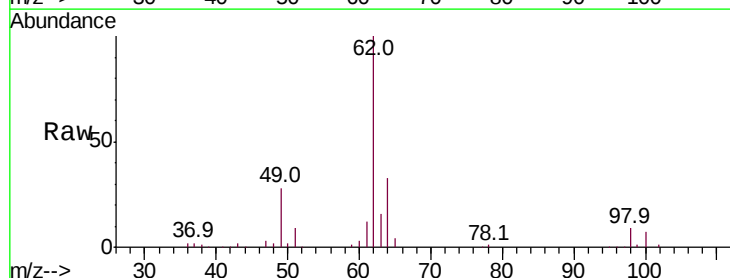


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

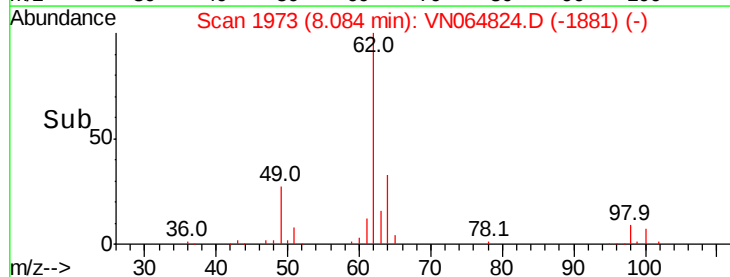
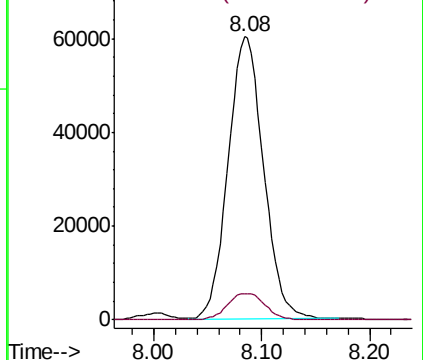


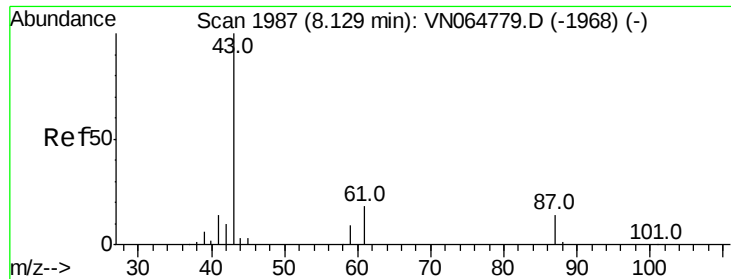
#42
1,2-Dichloroethane
Concen: 47.465 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion: 62 Resp: 137934
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 47.737 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

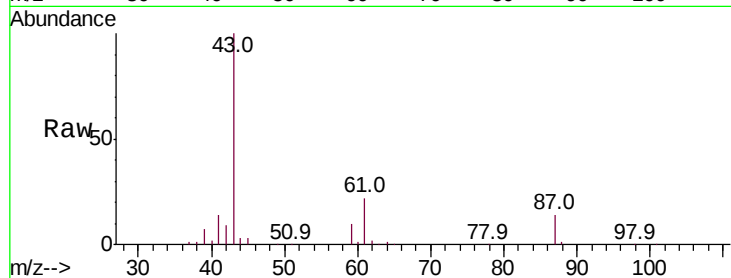
Tot Ion: 43 Resp: 208007

Ion Ratio Lower Upper

43 100

61 22.7 17.2 25.8

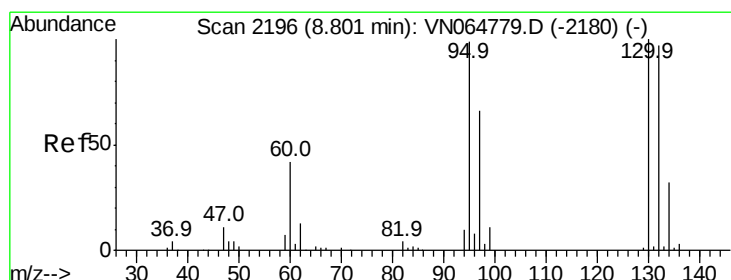
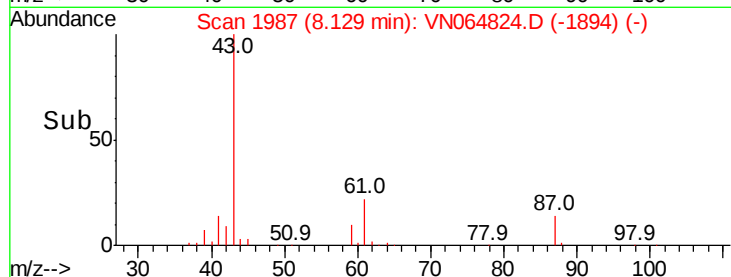
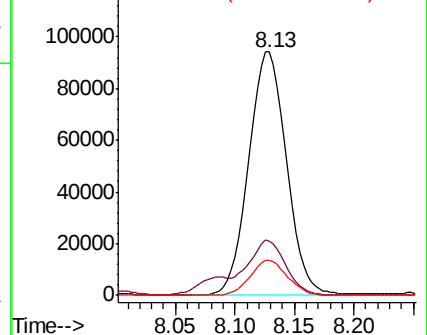
87 14.1 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#44

Trichloroethene

Concen: 46.396 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064824.D

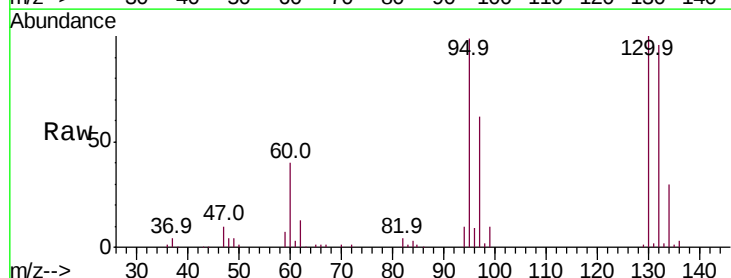
Acq: 24 Nov 2020 21:05

Tgt Ion:130 Resp: 117924

Ion Ratio Lower Upper

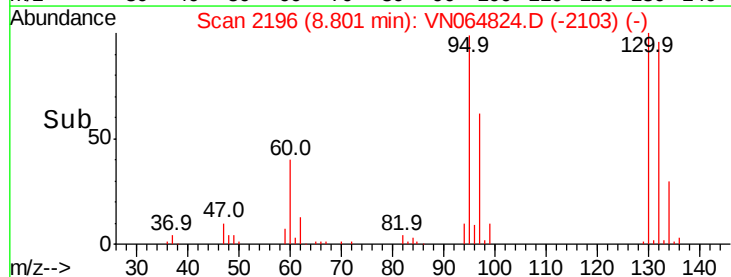
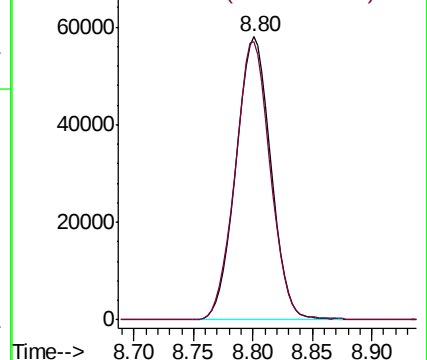
130 100

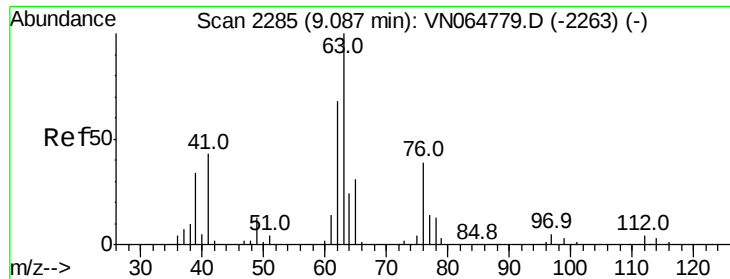
95 98.5 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064779.D (-2180) (-)

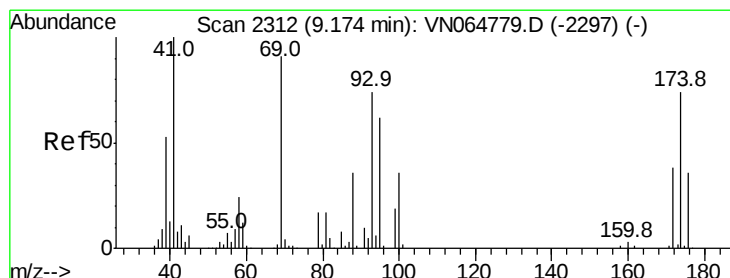
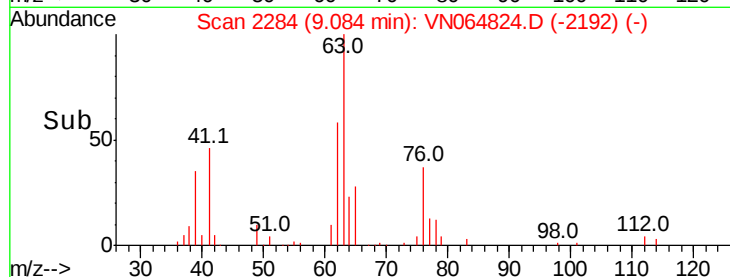
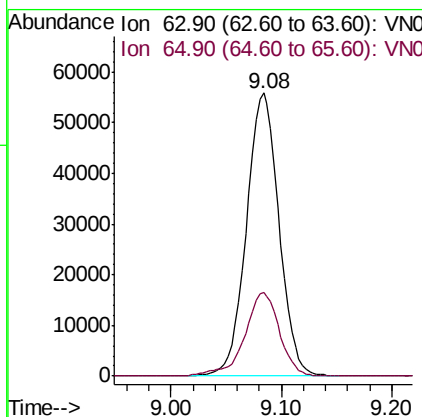
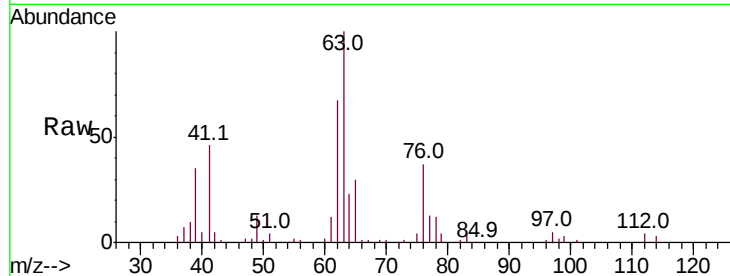




#45
 1,2-Dichloropropane
 Concen: 51.245 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

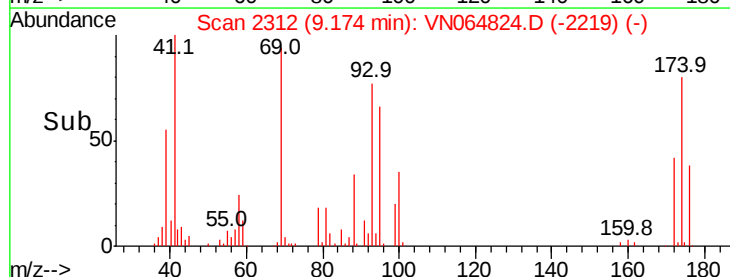
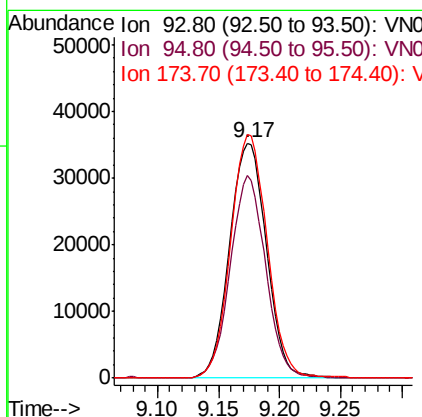
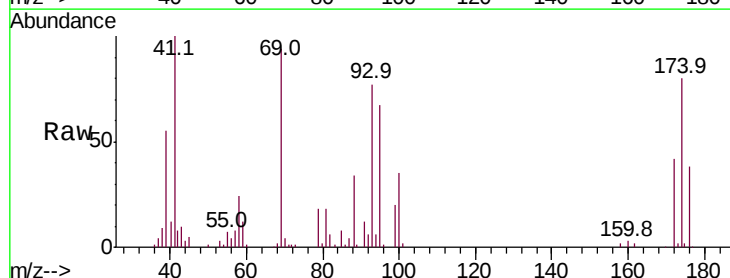
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

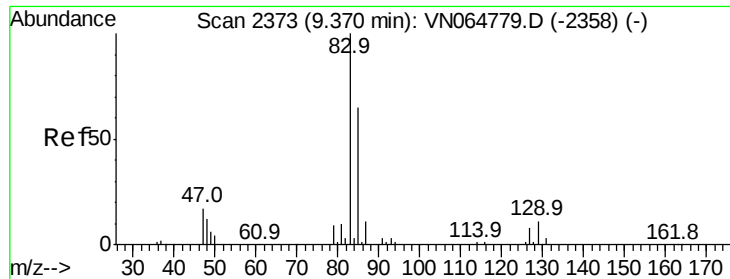
Tot Ion: 63 Resp: 114320
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.0 37.4



#46
 Dibromomethane
 Concen: 49.761 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

Tgt Ion: 93 Resp: 74161
 Ion Ratio Lower Upper
 93 100
 95 82.3 68.8 103.2
 174 102.7 83.1 124.7





#47

Bromodichloromethane

Concen: 49.787 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

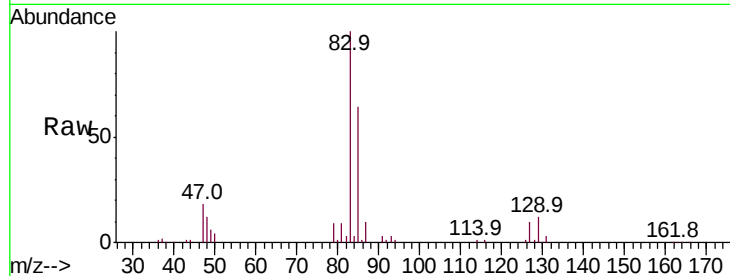
Tot Ion: 83 Resp: 149298

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.8

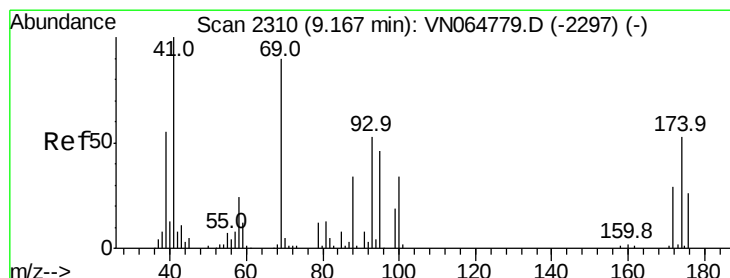
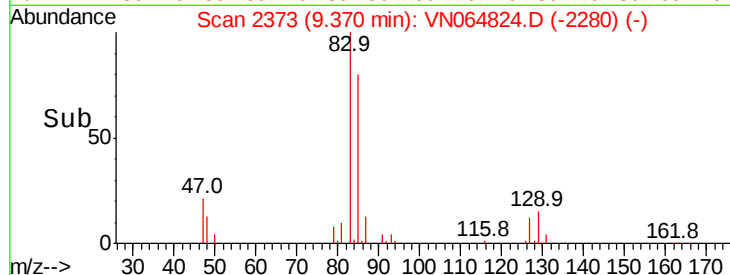
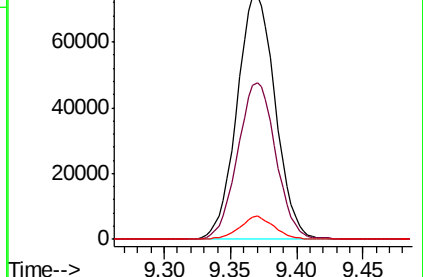
127 9.5 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)



#48

Methyl methacrylate

Concen: 49.518 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

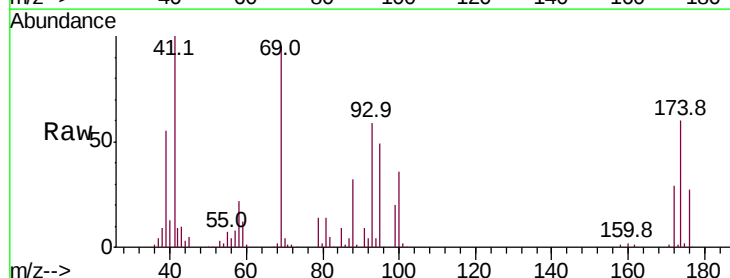
Tgt Ion: 41 Resp: 103100

Ion Ratio Lower Upper

41 100

69 92.8 71.8 107.8

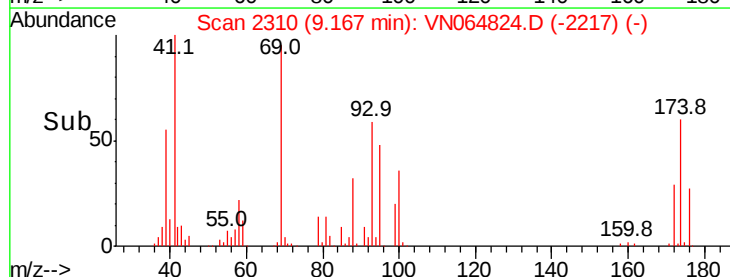
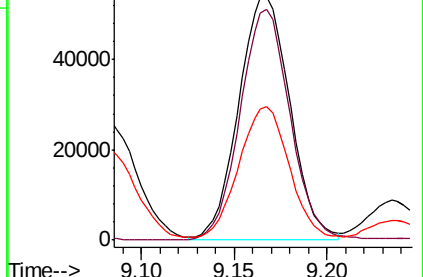
39 54.6 44.1 66.1

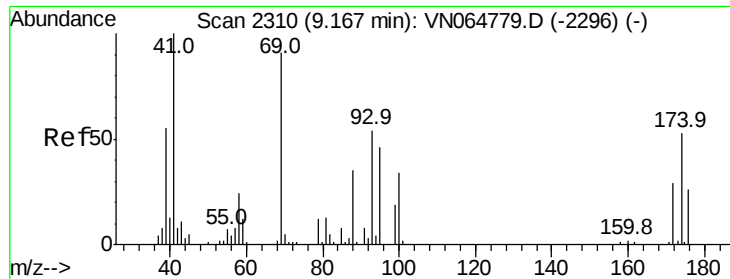


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)





#49

1,4-Dioxane

Concen: 916.728 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

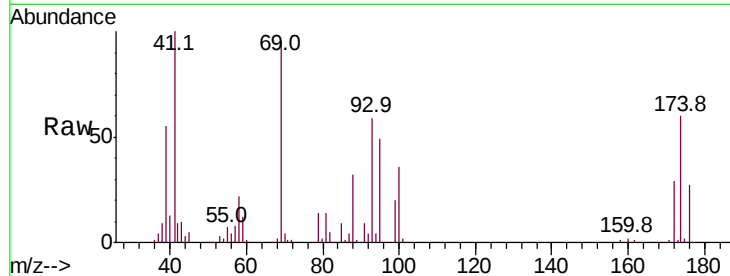
Tot Ion: 88 Resp: 36075

Ion Ratio Lower Upper

88 100

43 31.7 24.2 36.4

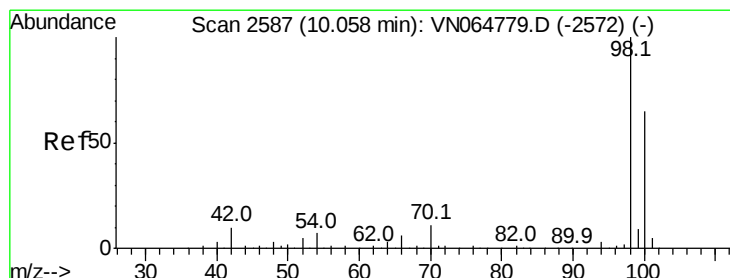
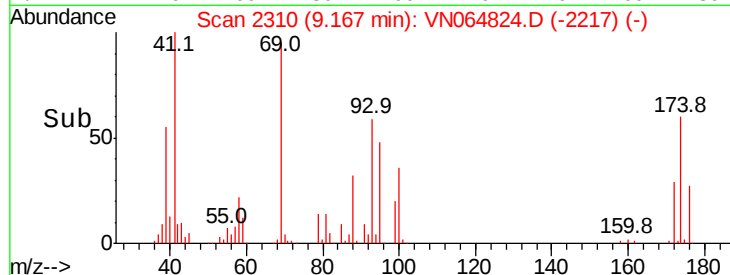
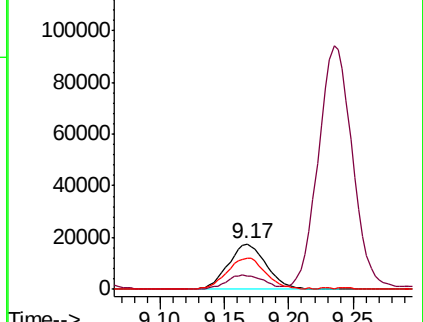
58 69.9 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN064824.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN064824.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN064824.D (-2217) (-)



#50

Toluene-d8

Concen: 50.808 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064824.D

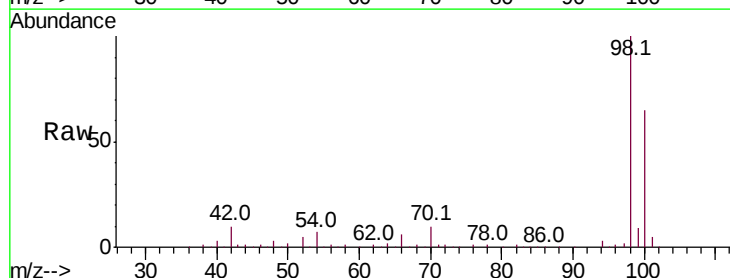
Acq: 24 Nov 2020 21:05

Tgt Ion: 98 Resp: 376743

Ion Ratio Lower Upper

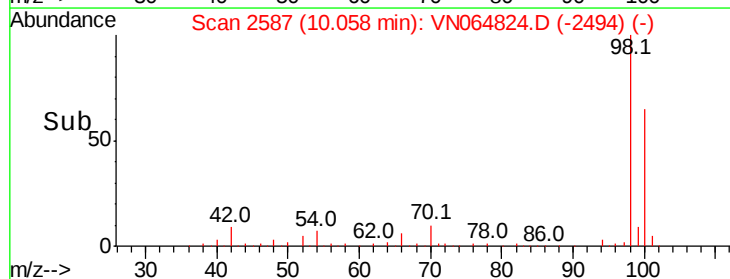
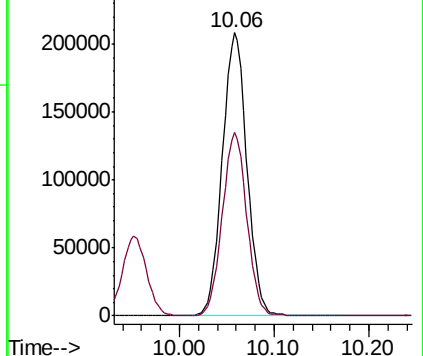
98 100

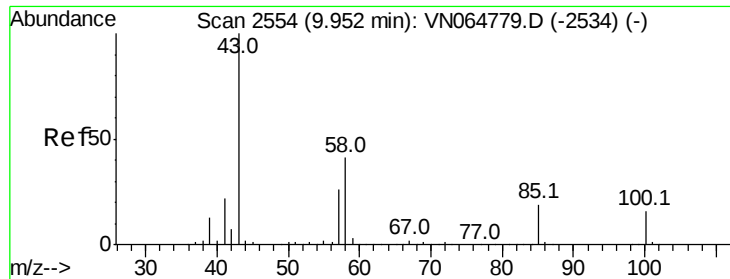
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064824.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064824.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 249.455 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

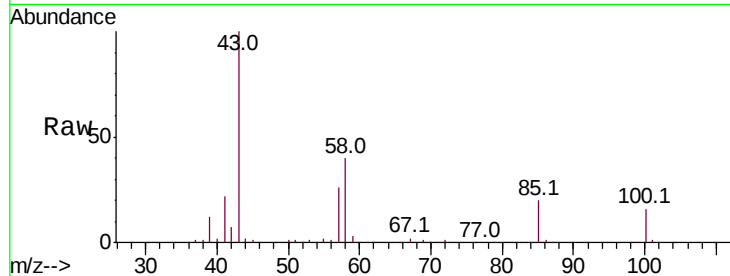
VSTDCCC050

Tot Ion: 43 Resp: 652551

Ion Ratio Lower Upper

43 100

58 40.2 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

400000

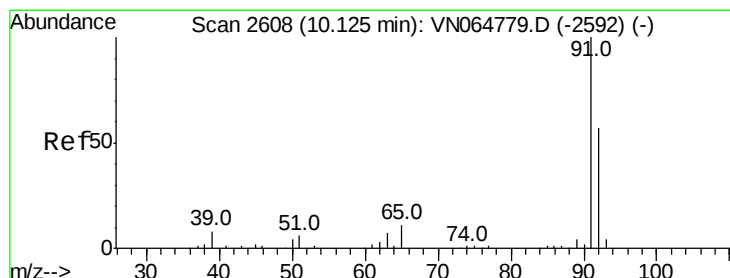
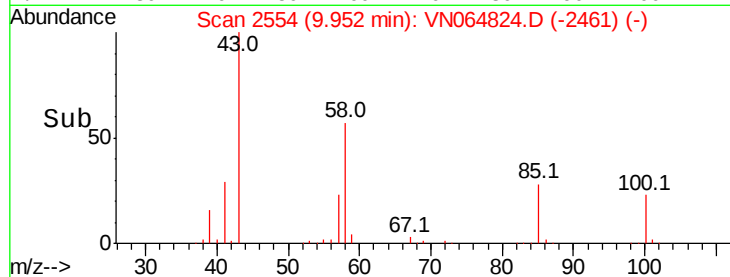
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.970 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064824.D

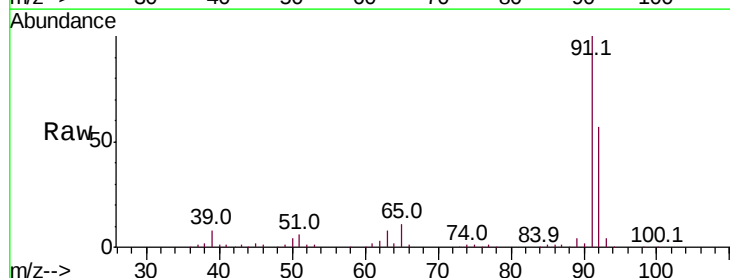
Acq: 24 Nov 2020 21:05

Tgt Ion: 92 Resp: 265096

Ion Ratio Lower Upper

92 100

91 173.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

300000

250000

200000

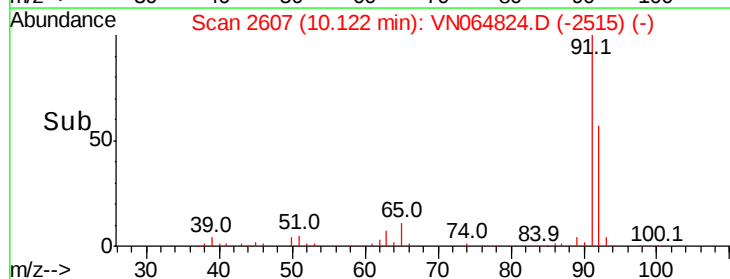
150000

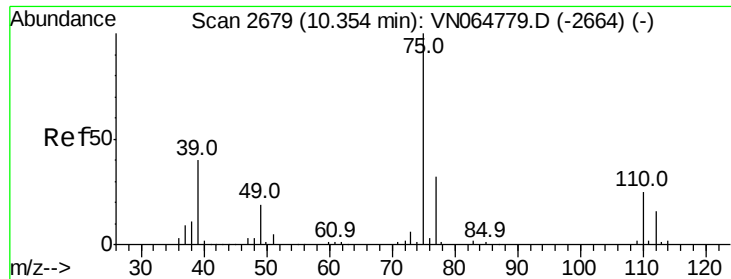
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.322 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampled :

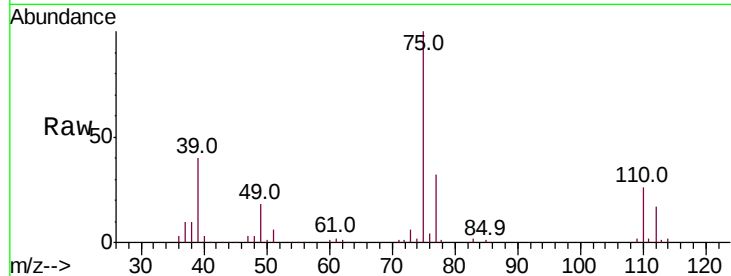
VSTDCCC050

Tot Ion: 75 Resp: 164735

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

80000

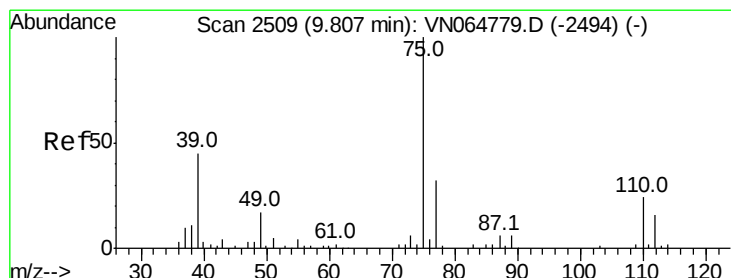
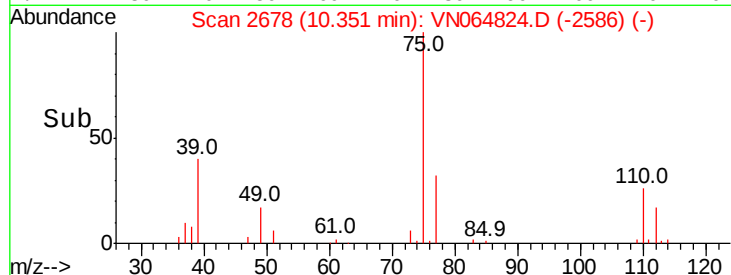
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.533 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

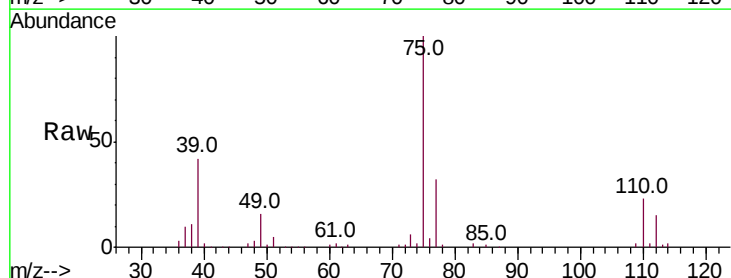
Tgt Ion: 75 Resp: 177330

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

39 42.4 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

120000

100000

80000

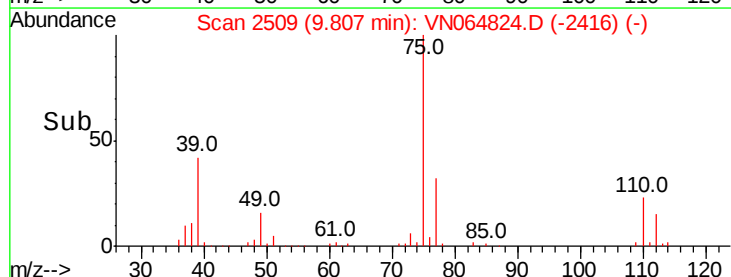
60000

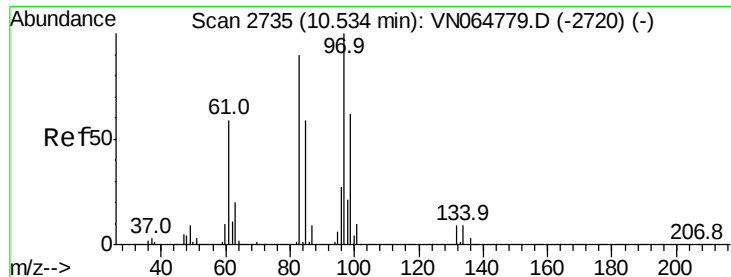
40000

20000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.524 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 108036

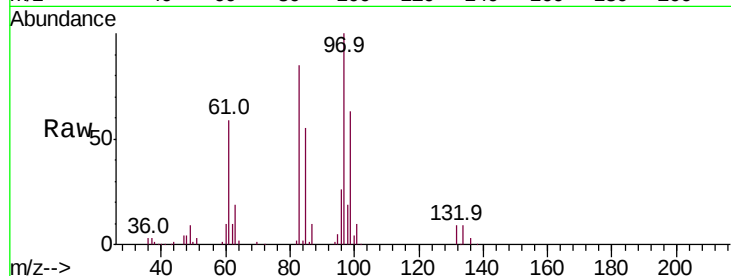
Ion Ratio Lower Upper

97 100

83 84.9 72.1 108.1

85 55.2 46.8 70.2

99 62.6 49.6 74.4

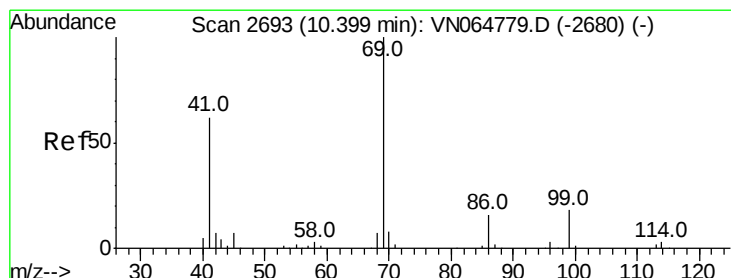
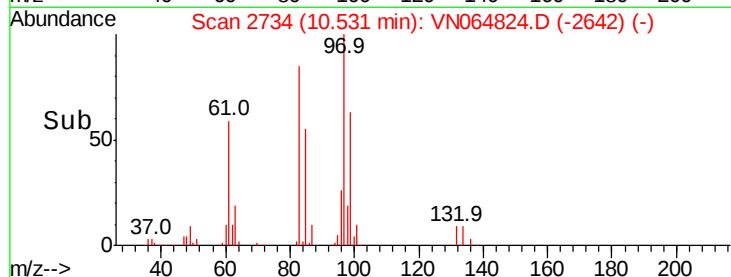
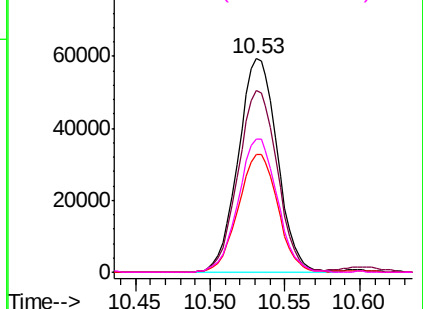


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.394 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

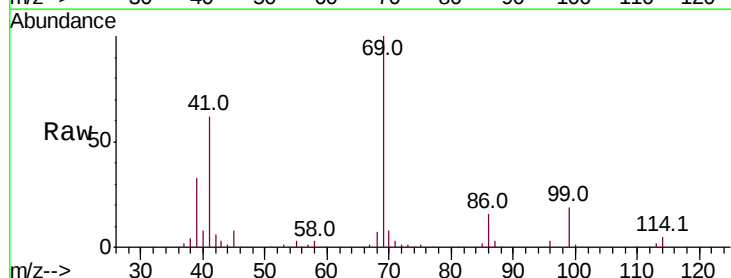
Tgt Ion: 69 Resp: 154715

Ion Ratio Lower Upper

69 100

41 61.5 49.4 74.0

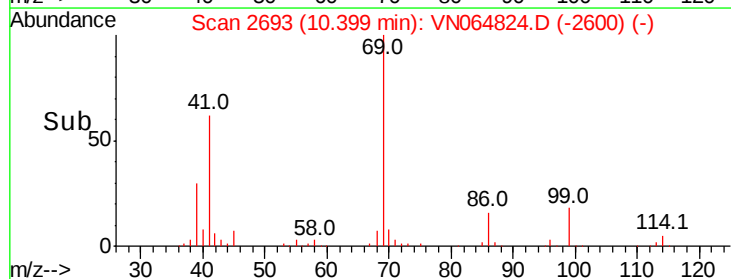
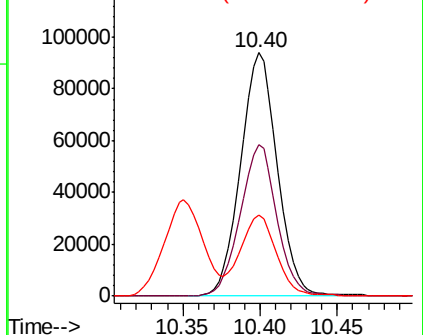
39 32.5 25.9 38.9

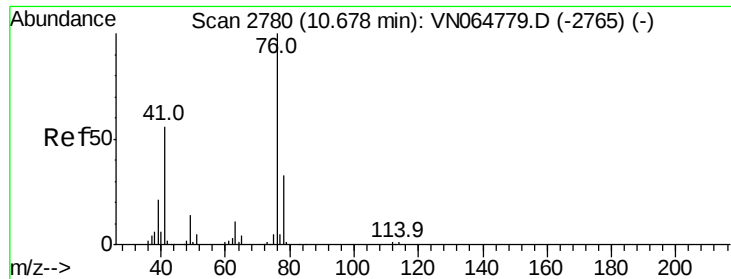


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 49.228 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

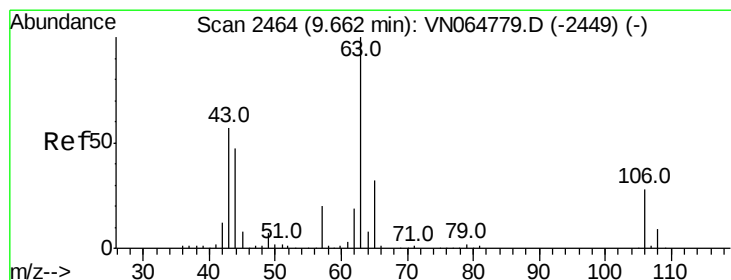
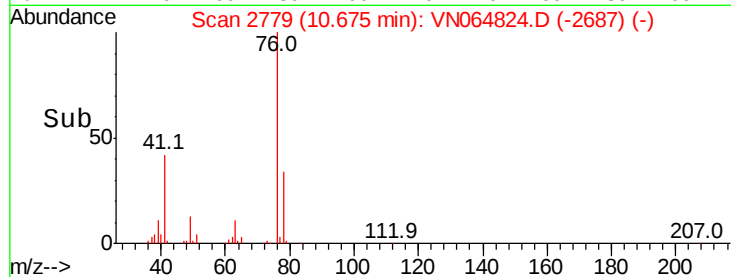
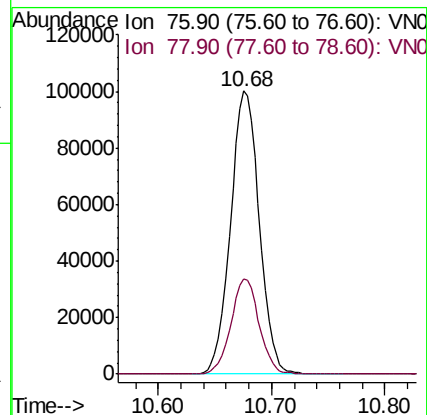
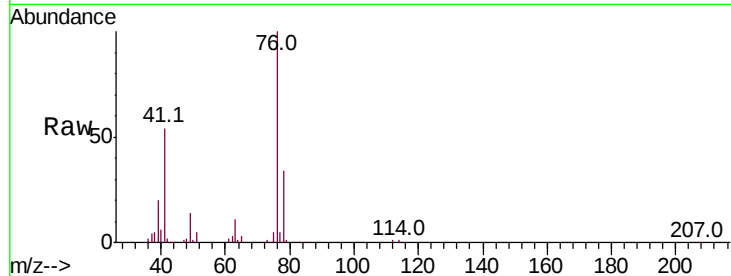
VSTDCCC050

Tot Ion: 76 Resp: 177150

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 258.326 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064824.D

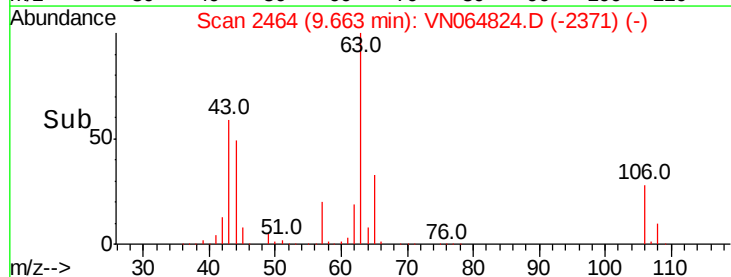
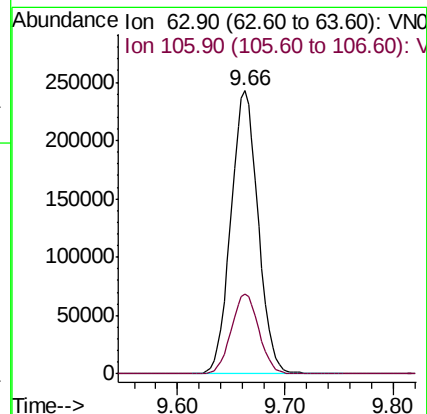
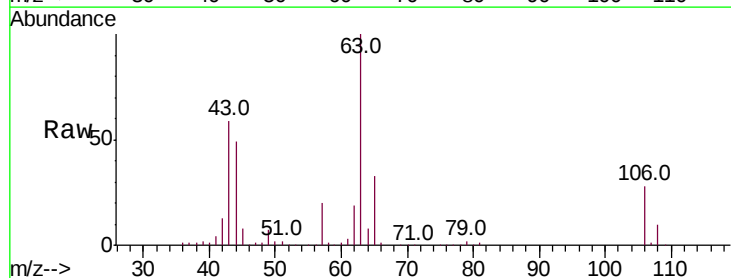
Acq: 24 Nov 2020 21:05

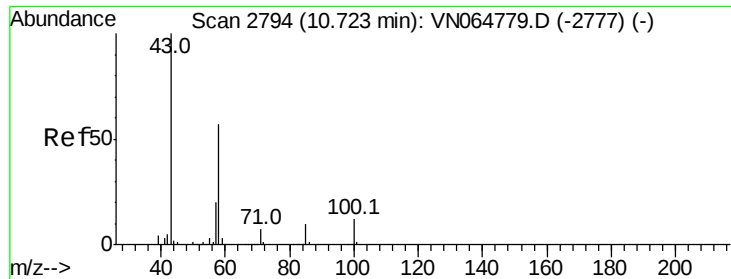
Tgt Ion: 63 Resp: 427768

Ion Ratio Lower Upper

63 100

106 28.5 22.7 34.1

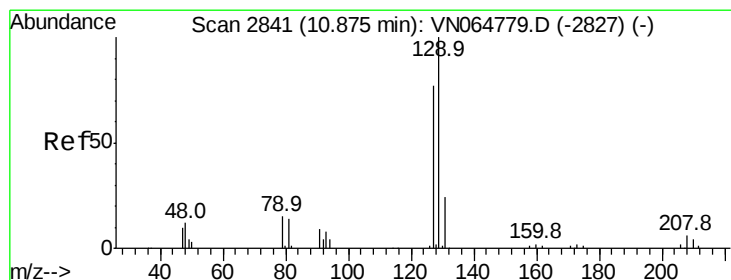
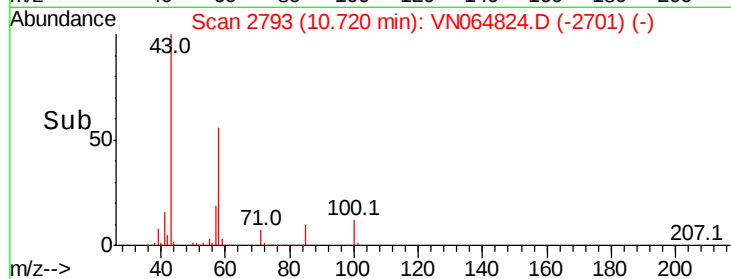
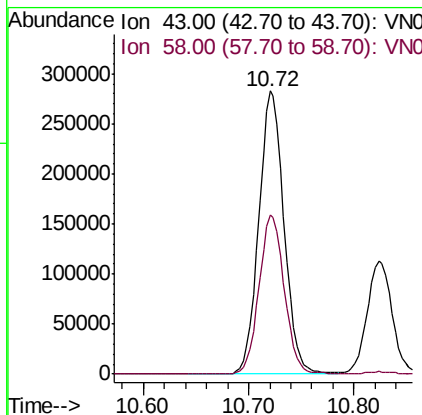
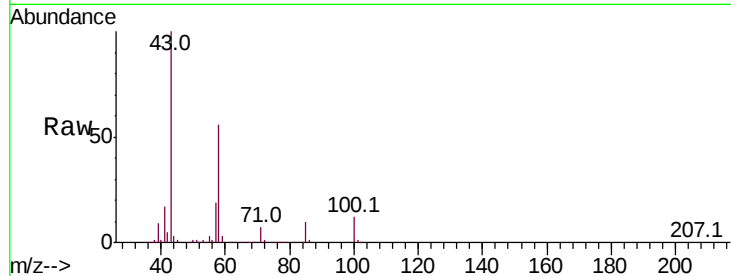




#59
2-Hexanone
Concen: 250.876 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

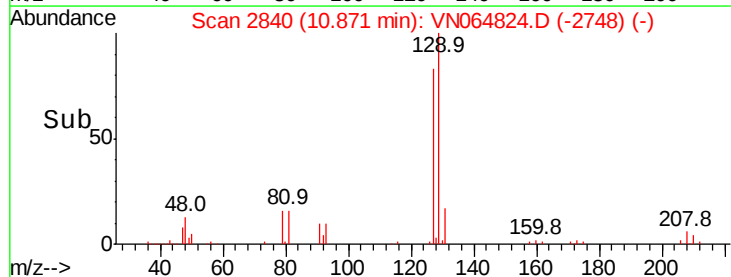
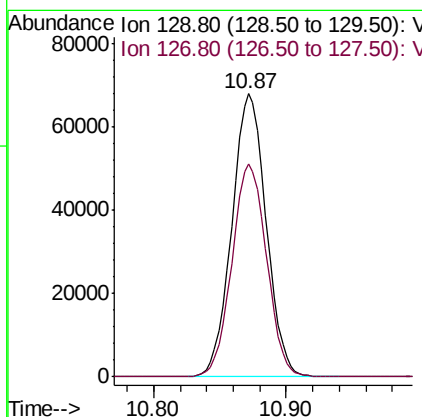
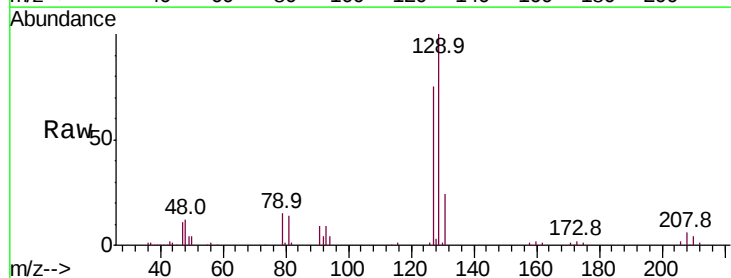
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

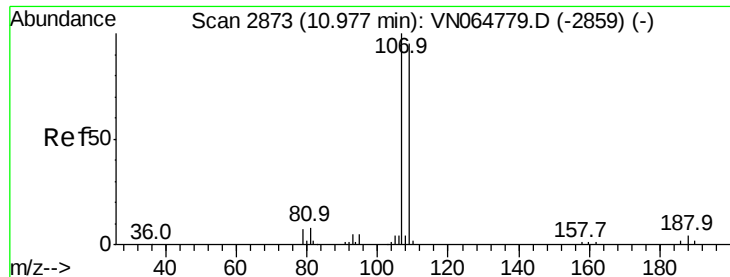
Tot Ion: 43 Resp: 472306
Ion Ratio Lower Upper
43 100
58 56.6 28.3 84.9



#60
Dibromochloromethane
Concen: 50.450 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion: 129 Resp: 122337
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.2

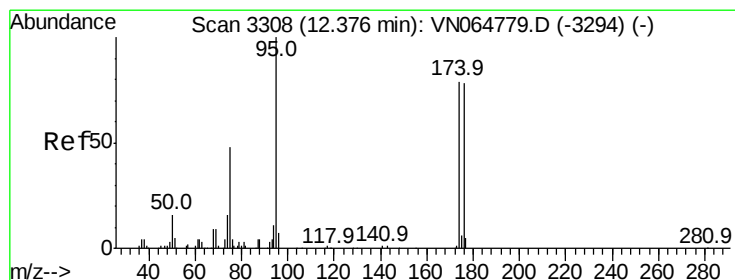
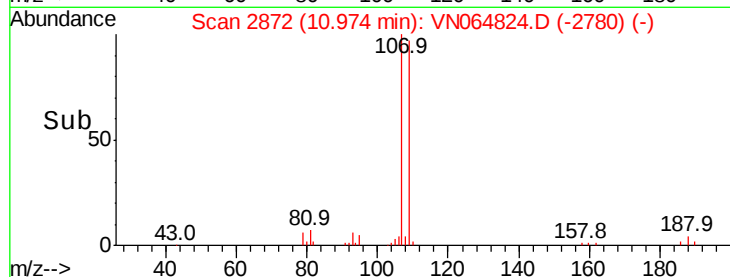
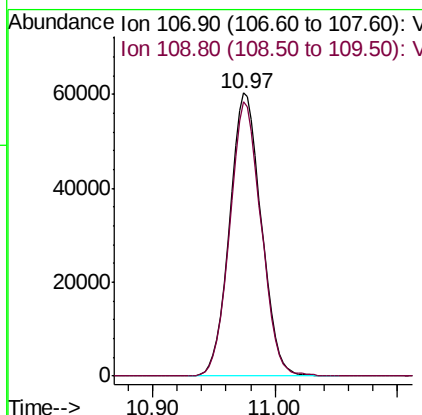
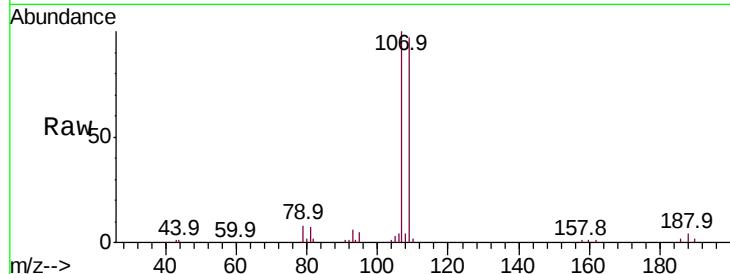




#61
 1,2-Dibromoethane
 Concen: 49.128 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

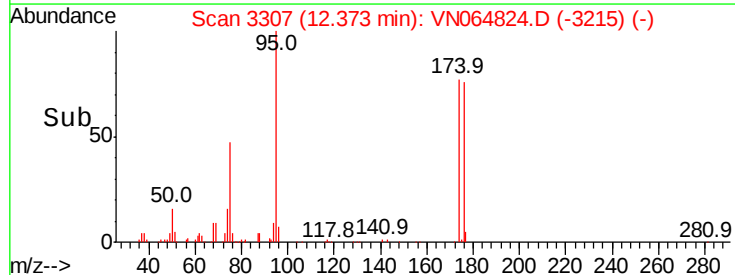
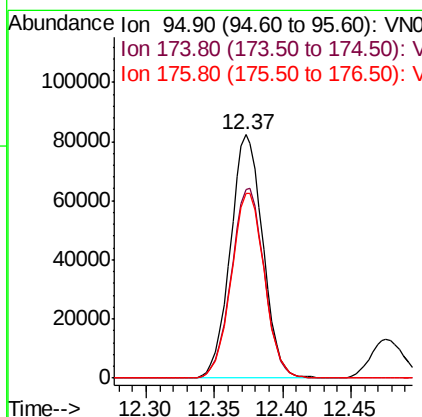
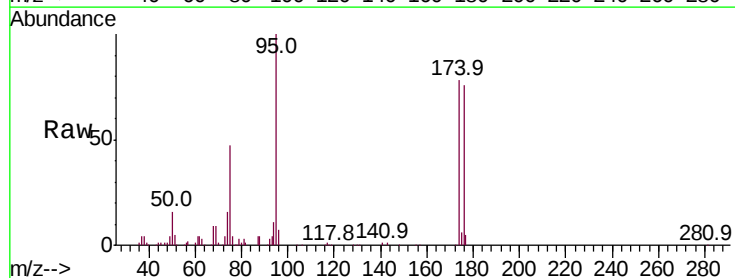
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

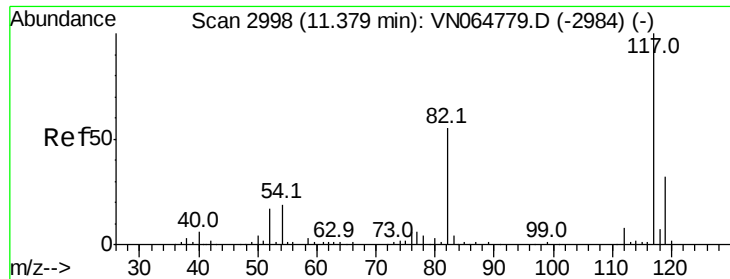
Tot Ion:107 Resp: 108884
 Ion Ratio Lower Upper
 107 100
 109 96.1 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 51.151 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

Tgt Ion: 95 Resp: 135739
 Ion Ratio Lower Upper
 95 100
 174 79.2 0.0 160.4
 176 77.6 0.0 158.4

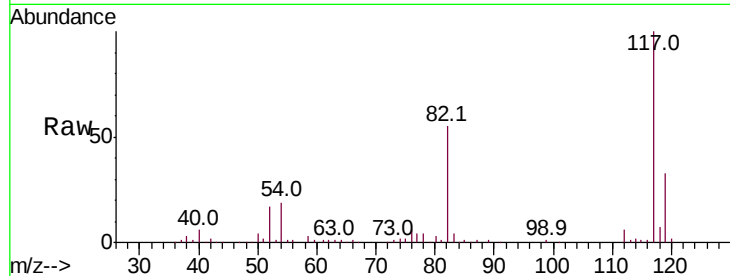




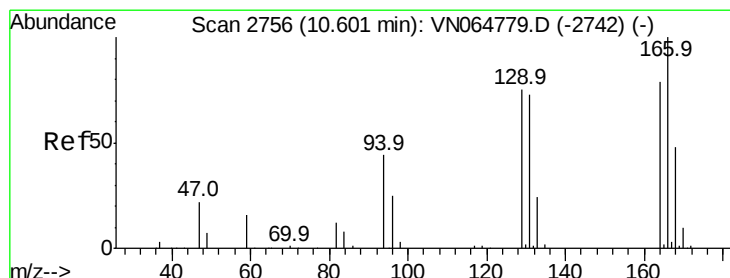
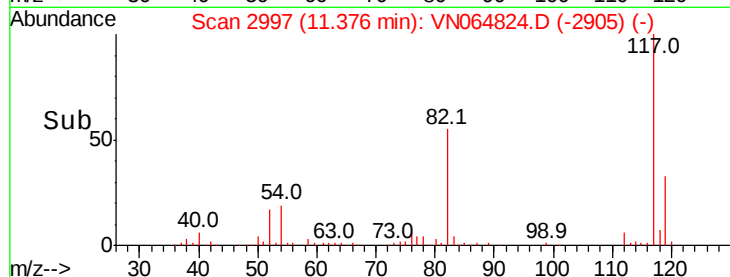
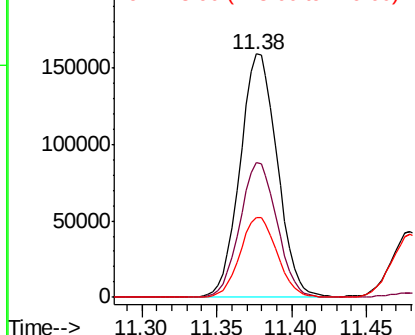
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 276070
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.9 25.8 38.6

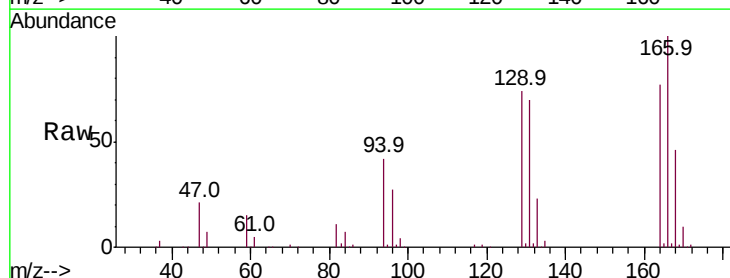


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

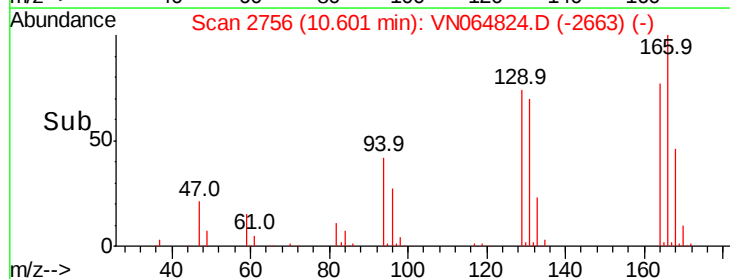
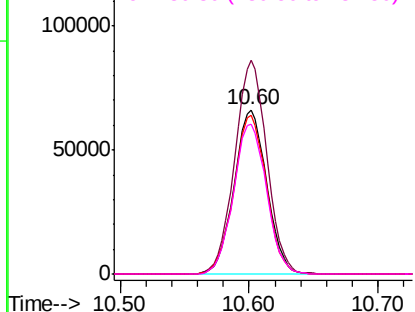


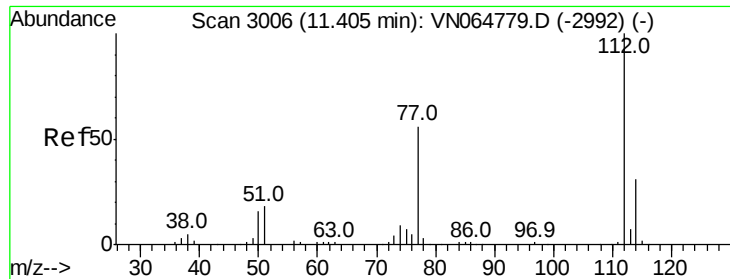
#64
Tetrachloroethene
Concen: 43.218 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion:164 Resp: 116078
Ion Ratio Lower Upper
164 100
166 130.1 101.4 152.0
129 97.0 76.1 114.1
131 91.1 74.2 111.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

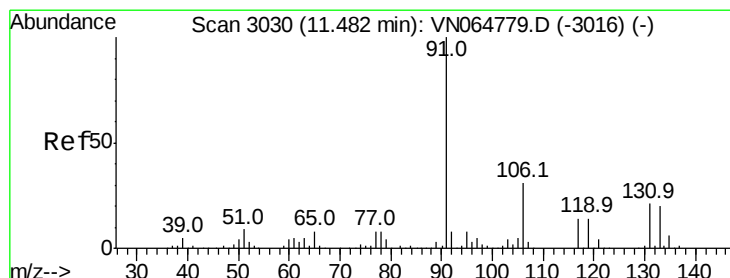
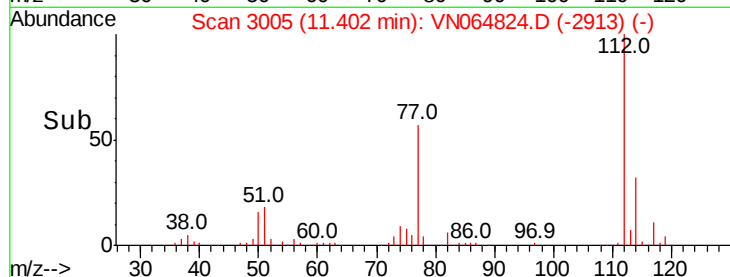
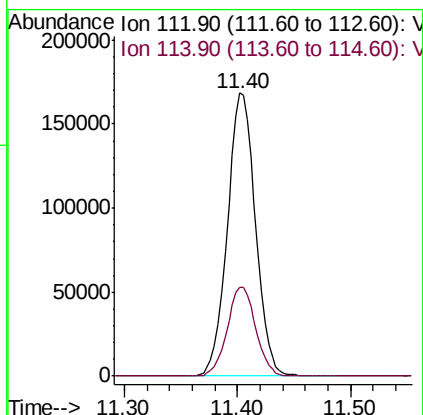
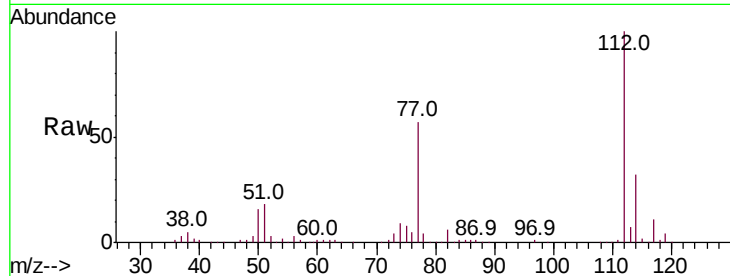




#65
Chlorobenzene
Concen: 49.048 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

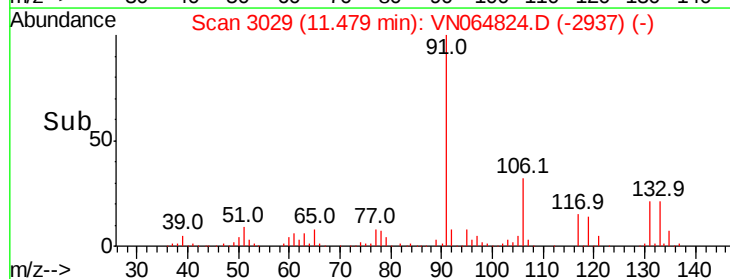
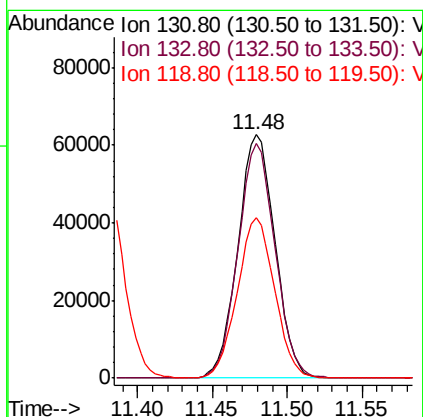
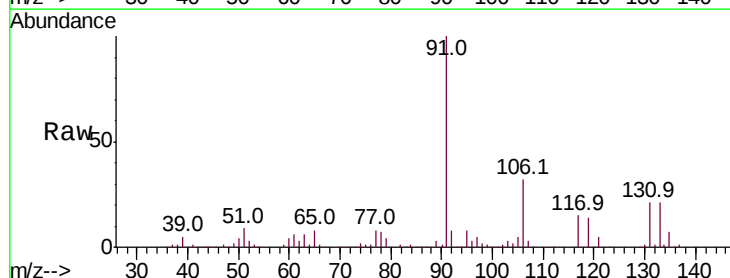
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

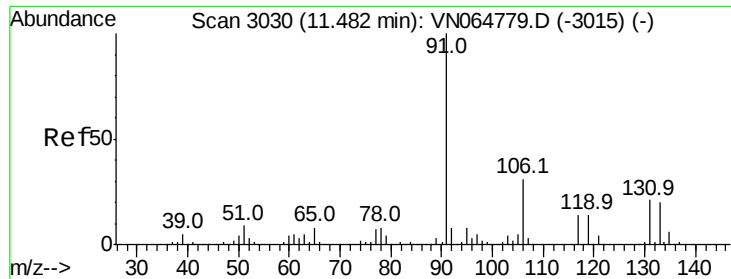
Tot Ion:112 Resp: 290781
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.846 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion:131 Resp: 108602
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.5
119 66.1 33.3 99.8

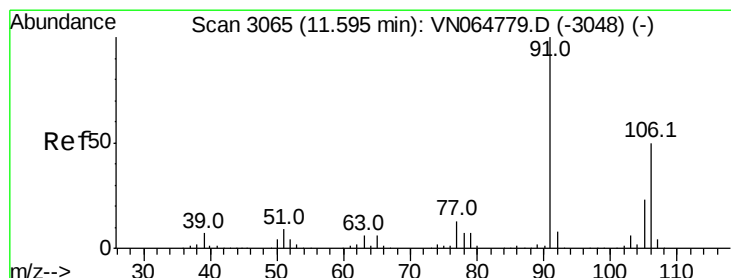
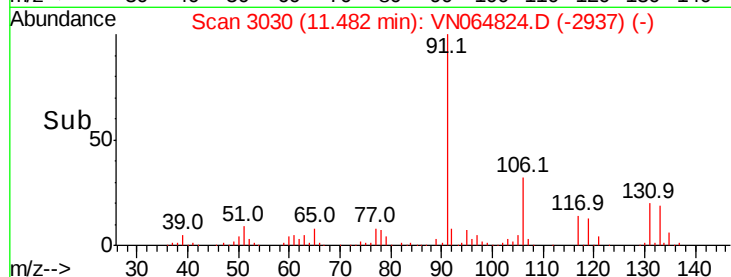
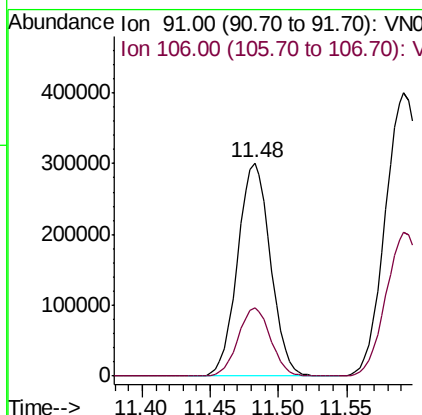
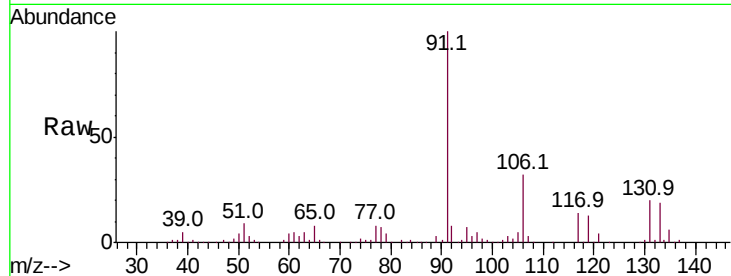




#67
Ethyl Benzene
Concen: 50.848 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

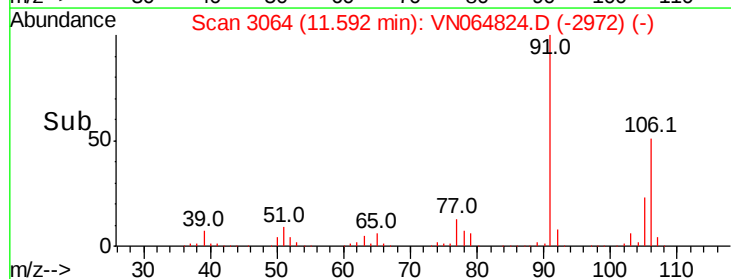
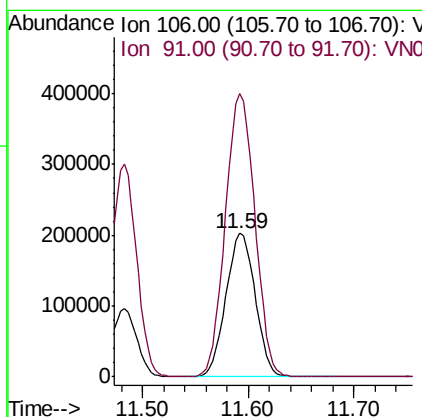
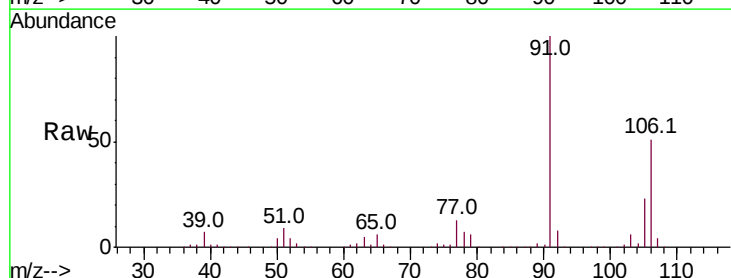
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

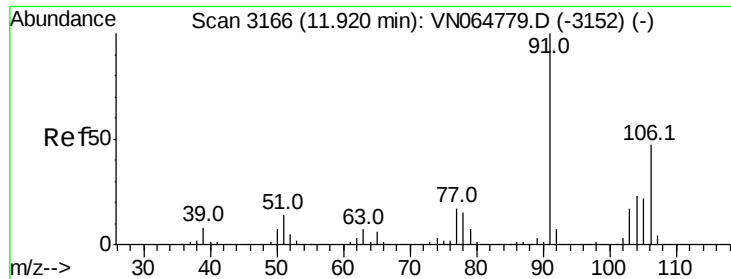
Tot Ion: 91 Resp: 503602
Ion Ratio Lower Upper
91 100
106 32.0 25.2 37.8



#68
m/p-Xylenes
Concen: 103.778 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion: 106 Resp: 389140
Ion Ratio Lower Upper
106 100
91 199.3 161.0 241.4

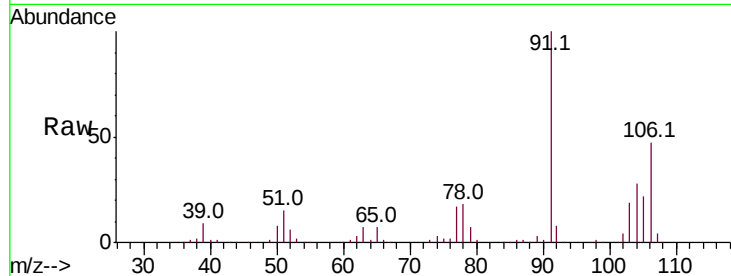




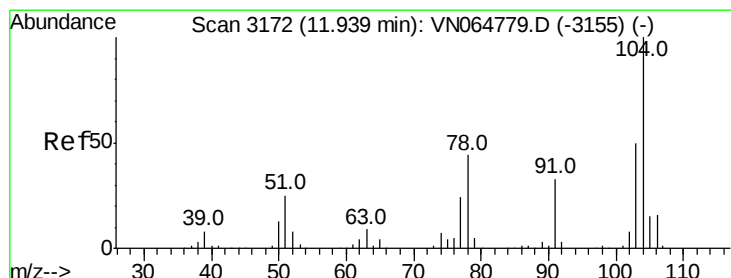
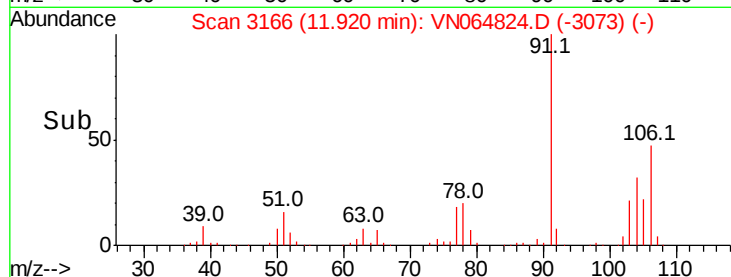
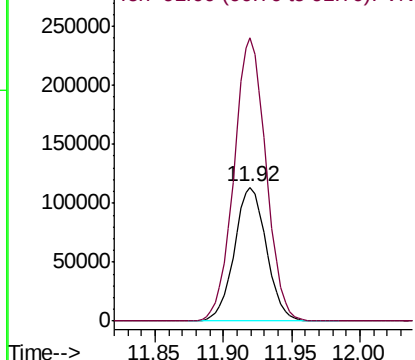
#69
o-Xylene
Concen: 51.999 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 185030
Ion Ratio Lower Upper
106 100
91 211.5 105.5 316.5

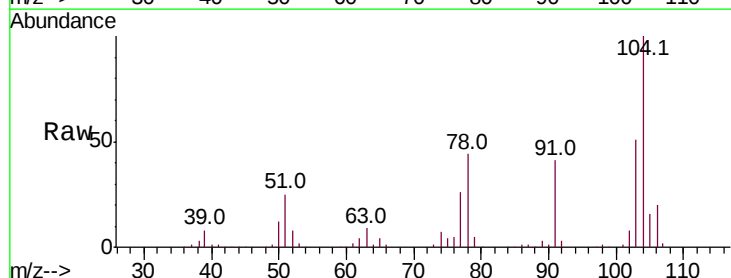


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

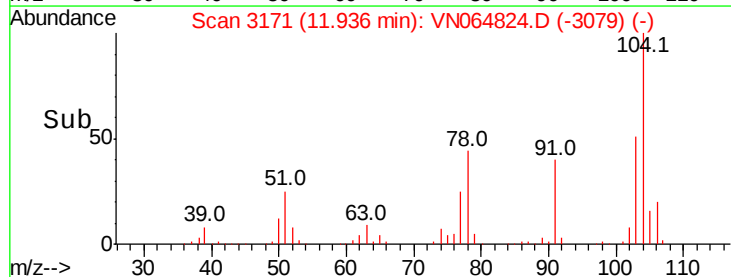
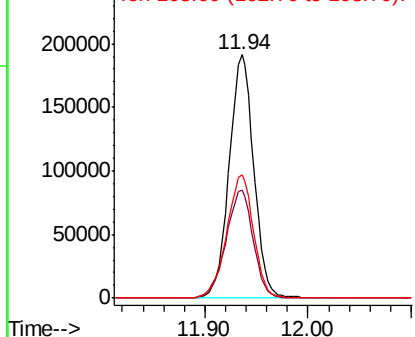


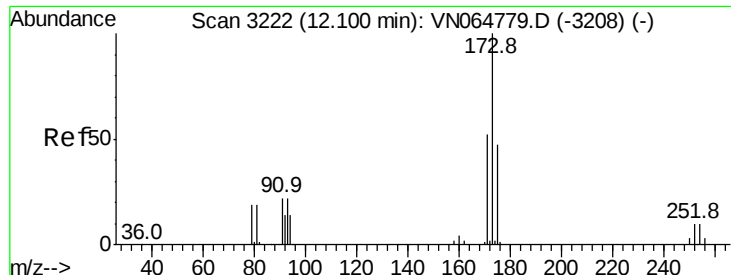
#70
Styrene
Concen: 53.080 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion:104 Resp: 318853
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 55.1 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.146 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

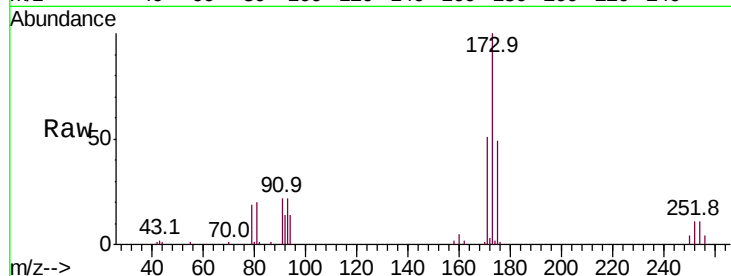
Tot Ion:173 Resp: 83782

Ion Ratio Lower Upper

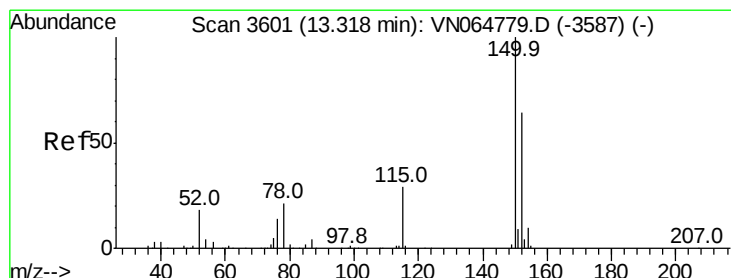
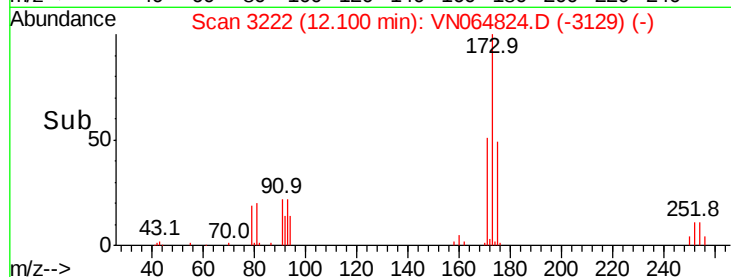
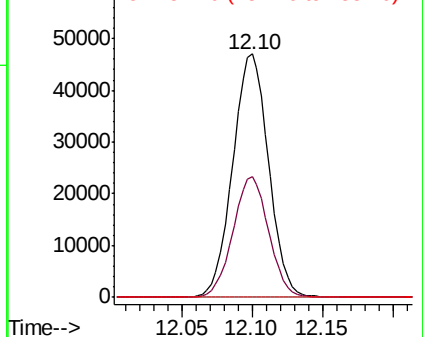
173 100

175 49.1 24.3 72.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

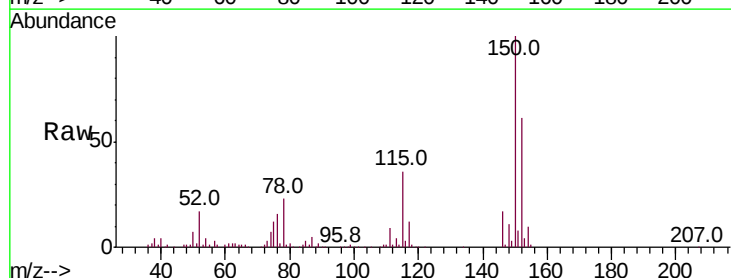
Tgt Ion:152 Resp: 135984

Ion Ratio Lower Upper

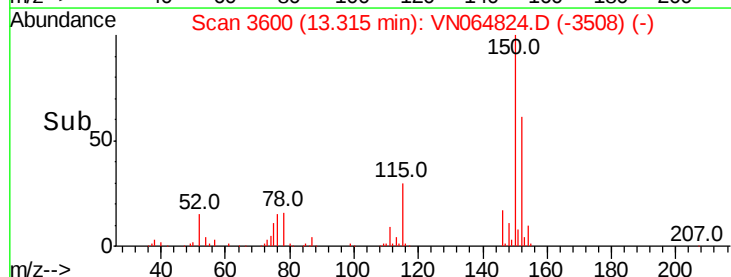
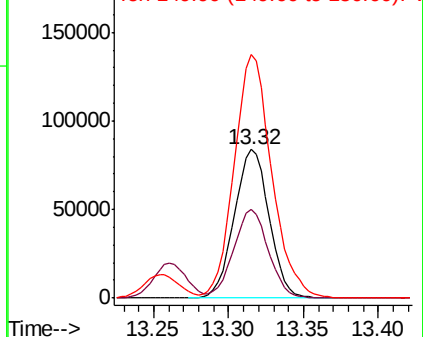
152 100

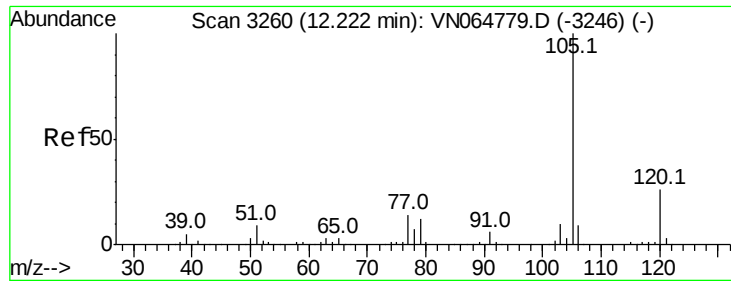
115 59.4 29.7 89.1

150 176.2 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.586 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

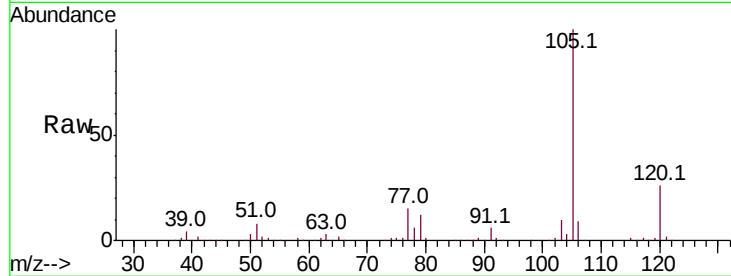
VSTDCCC050

Tot Ion:105 Resp: 497393

Ion Ratio Lower Upper

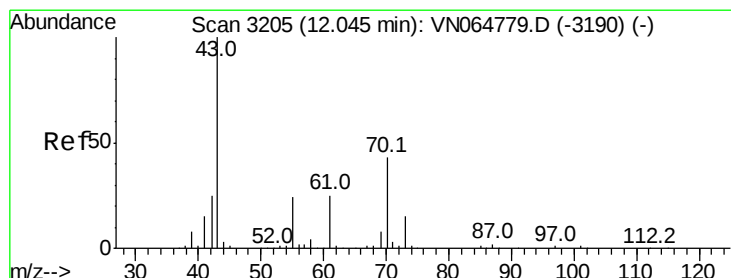
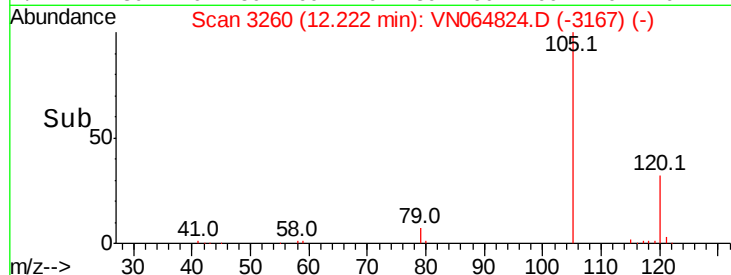
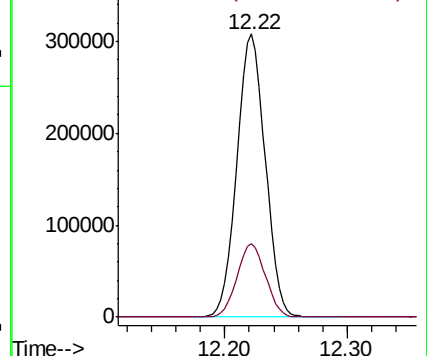
105 100

120 26.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.827 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Tgt Ion: 43 Resp: 189194

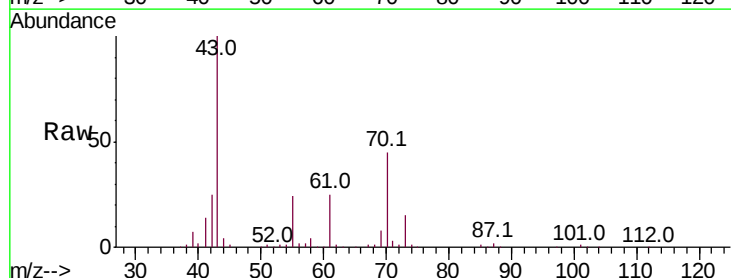
Ion Ratio Lower Upper

43 100

70 44.4 34.5 51.7

55 25.0 20.4 30.6

61 25.5 20.0 30.0

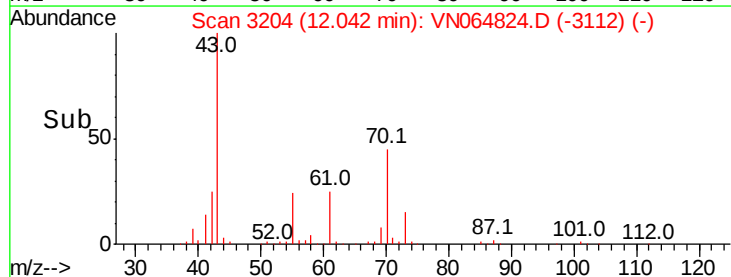
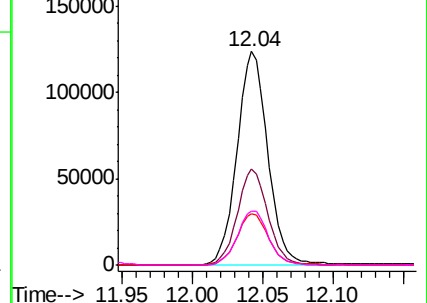


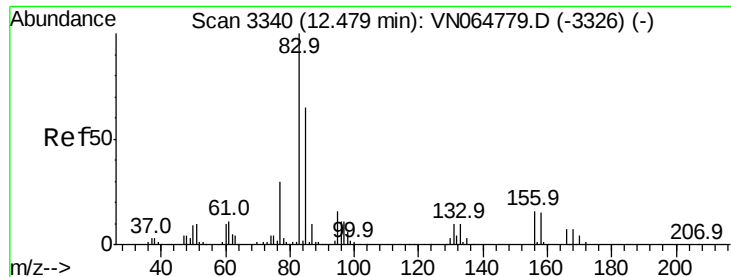
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.224 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

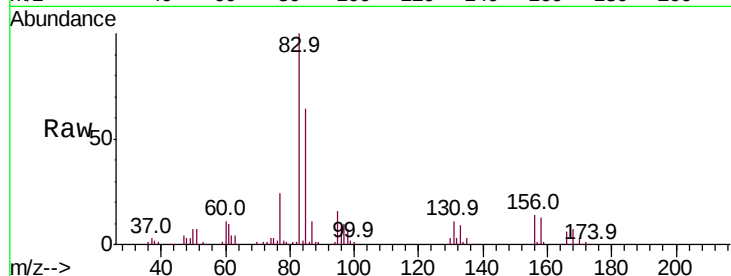
Tot Ion: 83 Resp: 142011

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

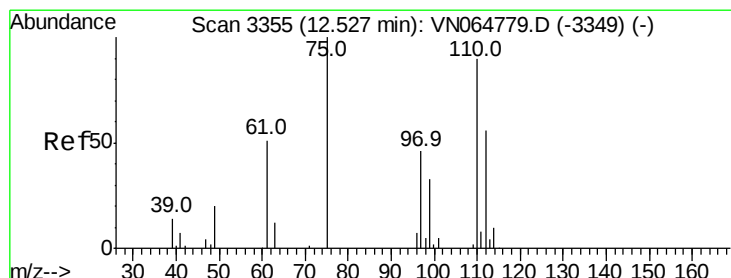
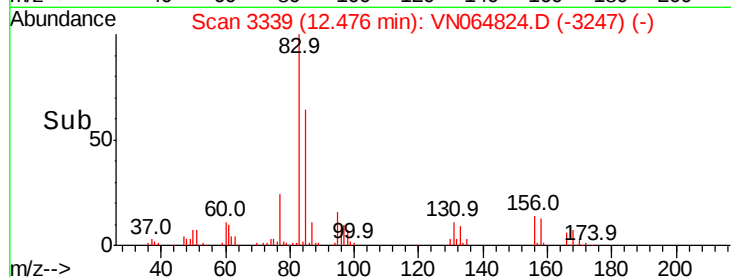
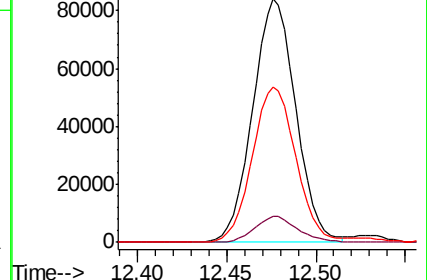
85 64.6 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 67.406 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064824.D

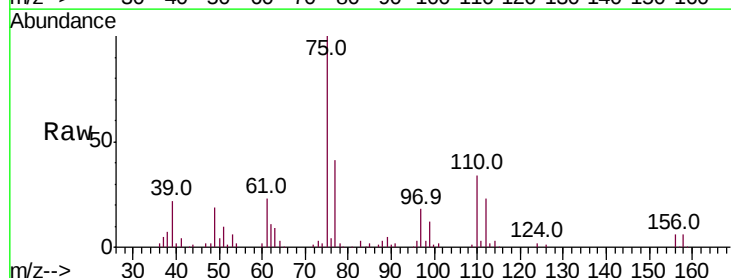
Acq: 24 Nov 2020 21:05

Tgt Ion: 75 Resp: 197399

Ion Ratio Lower Upper

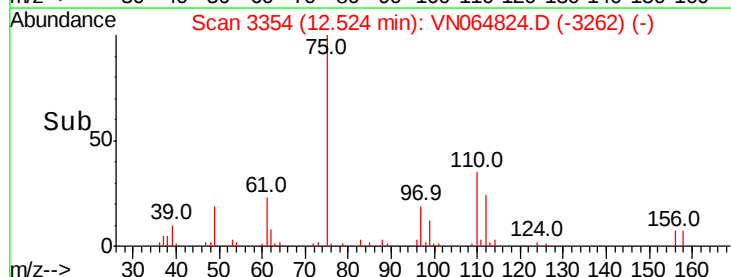
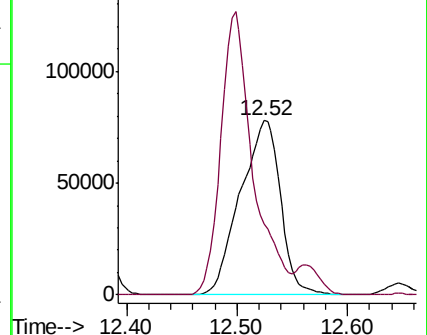
75 100

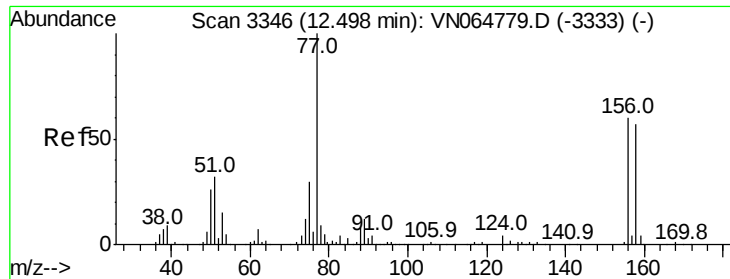
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)





#77

Bromobenzene

Concen: 49.448 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

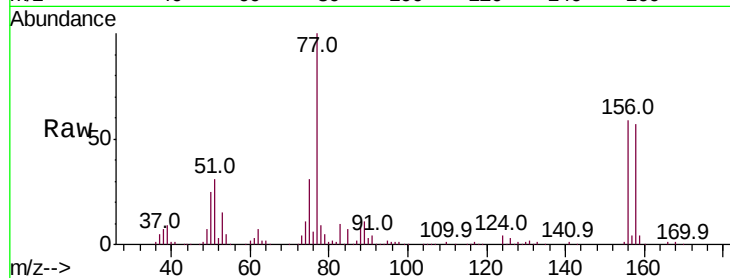
Tot Ion:156 Resp: 126094

Ion Ratio Lower Upper

156 100

77 203.2 101.3 303.7

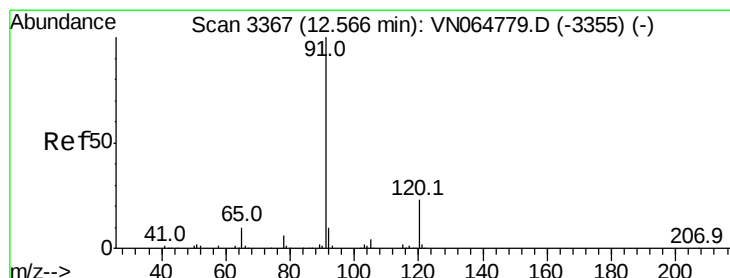
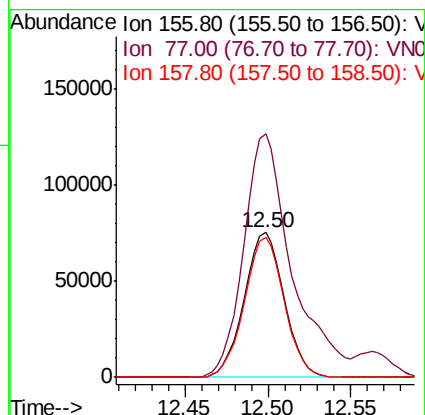
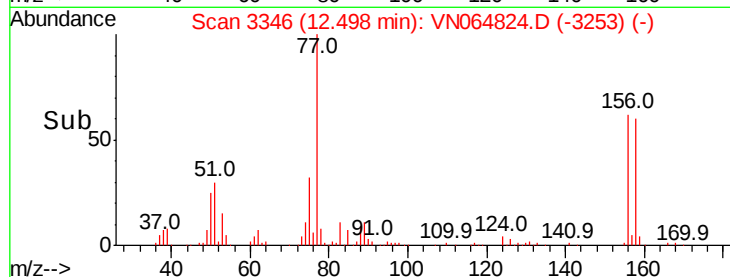
158 96.1 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.893 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064824.D

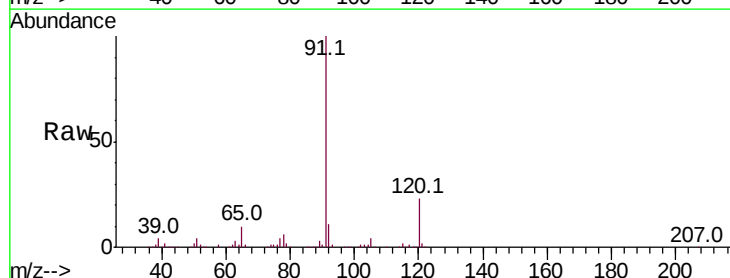
Acq: 24 Nov 2020 21:05

Tgt Ion: 91 Resp: 559167

Ion Ratio Lower Upper

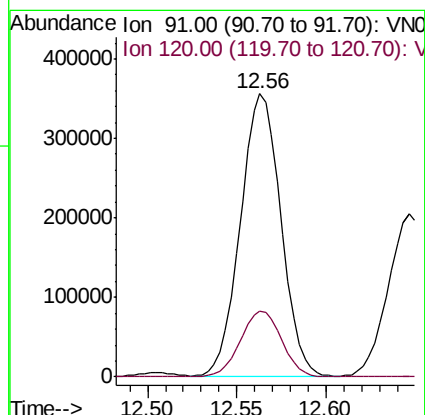
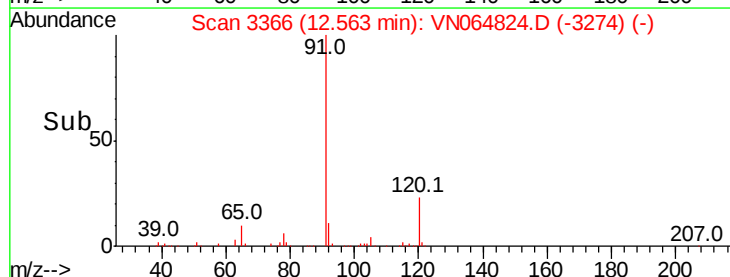
91 100

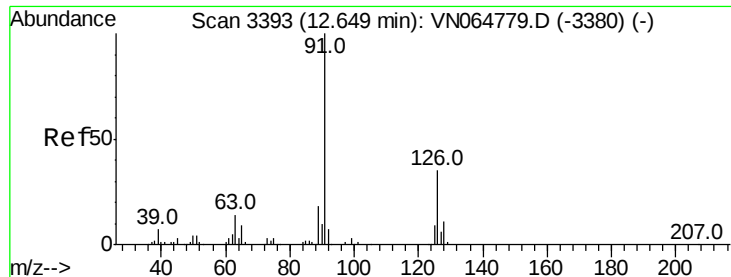
120 23.7 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.917 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

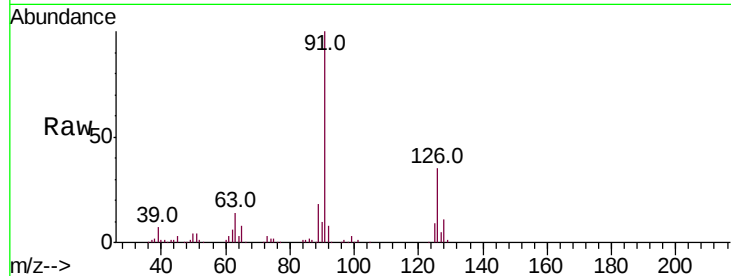
VSTDCCC050

Tot Ion: 91 Resp: 332481

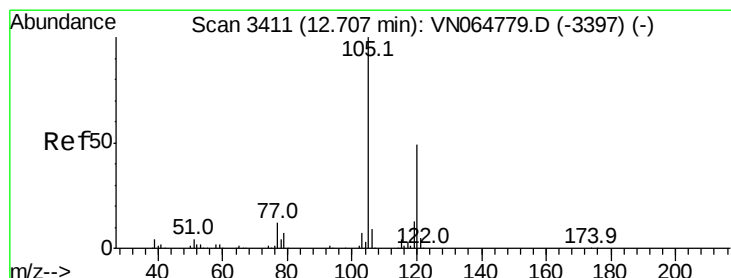
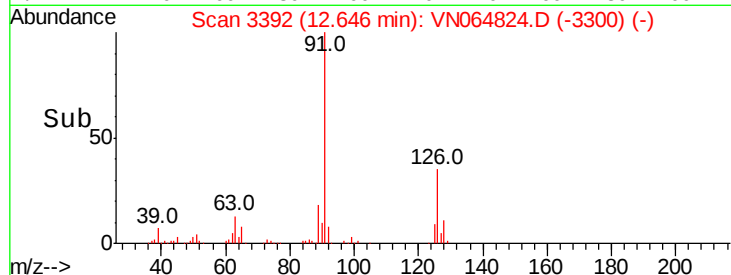
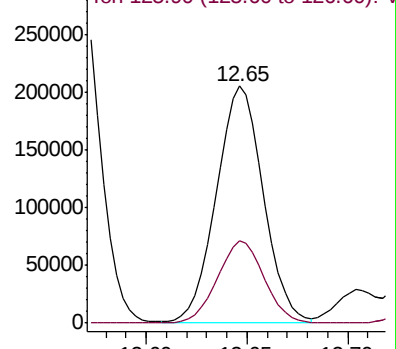
Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.079 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064824.D

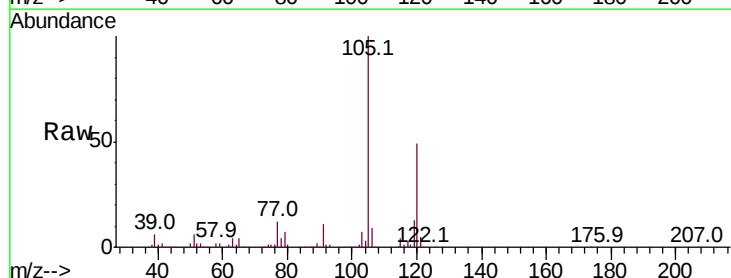
Acq: 24 Nov 2020 21:05

Tgt Ion:105 Resp: 425166

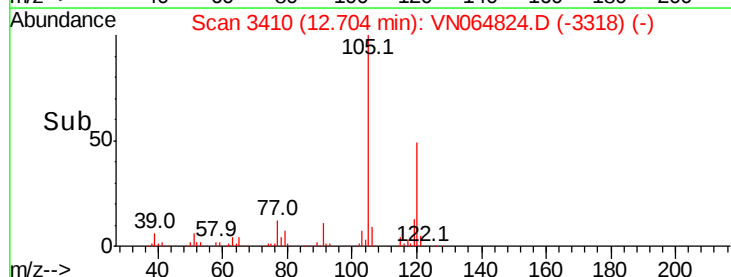
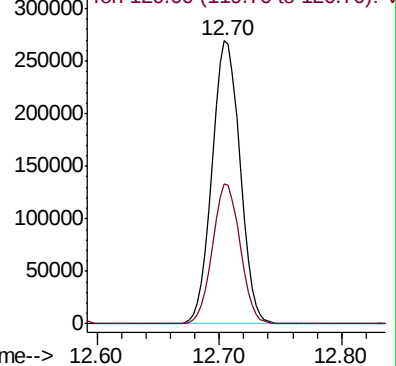
Ion Ratio Lower Upper

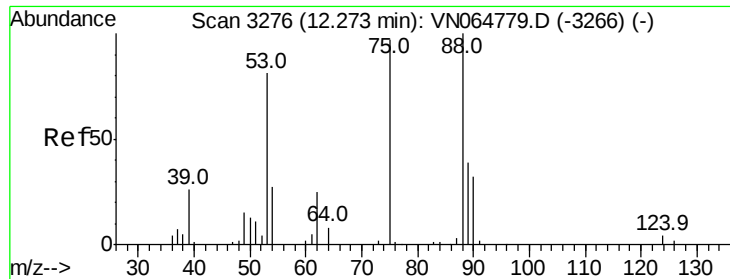
105 100

120 49.0 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.781 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

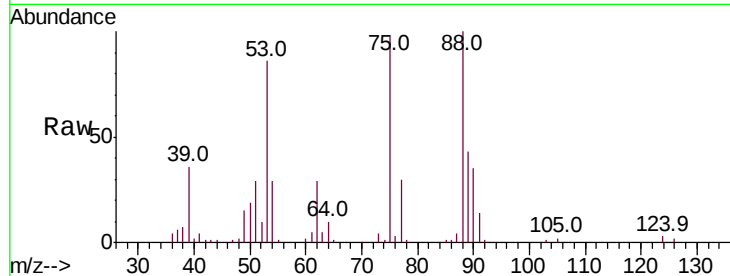
Tot Ion: 75 Resp: 48917

Ion Ratio Lower Upper

75 100

53 89.3 67.0 100.4

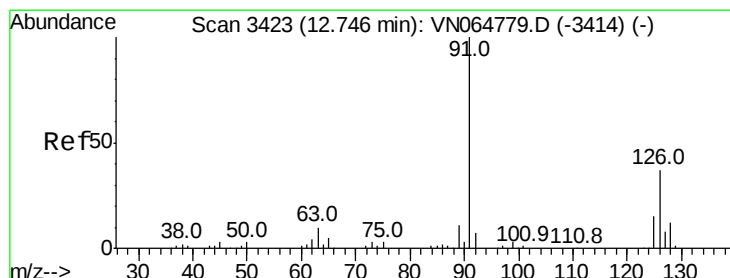
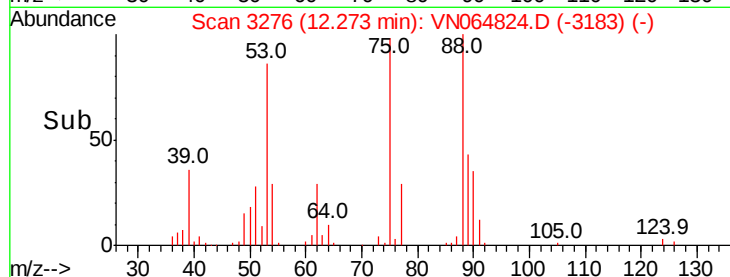
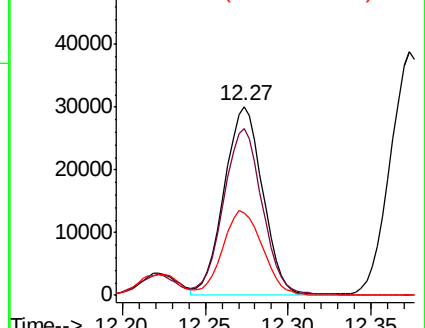
89 46.2 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064779.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN064779.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 49.566 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064824.D

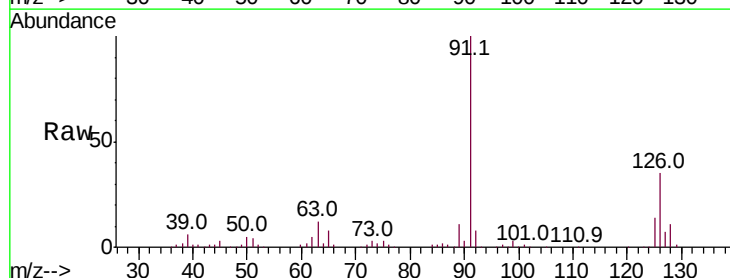
Acq: 24 Nov 2020 21:05

Tgt Ion: 91 Resp: 346050

Ion Ratio Lower Upper

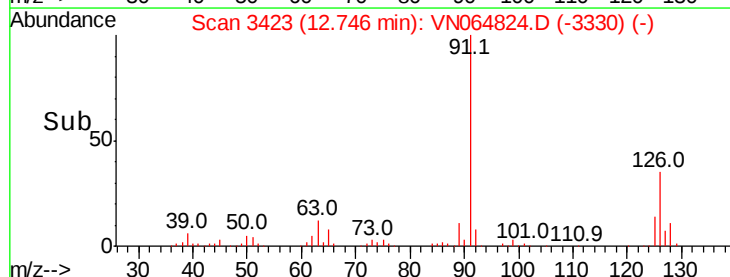
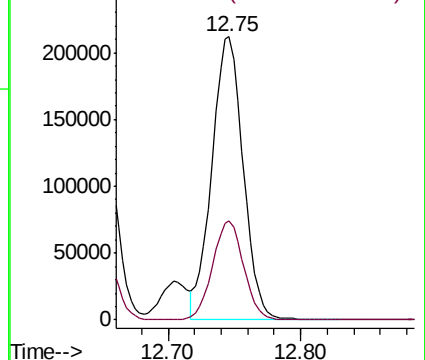
91 100

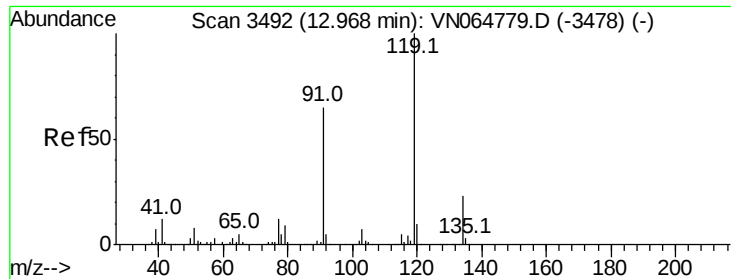
126 34.8 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3414) (-)

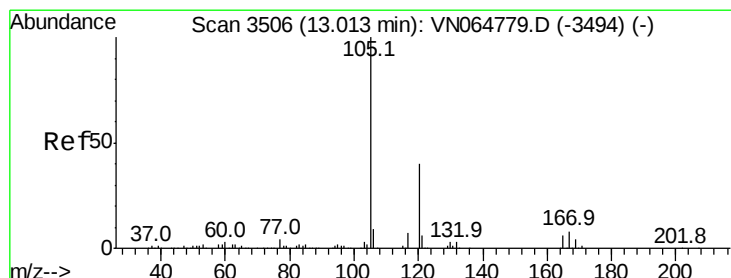
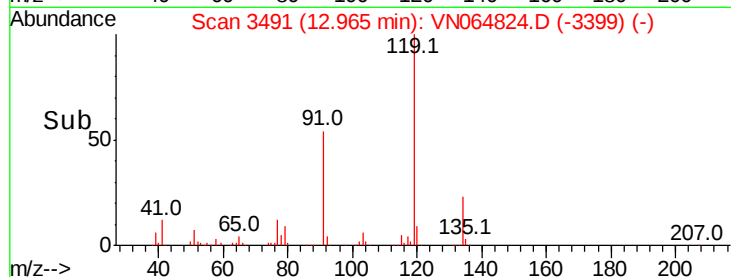
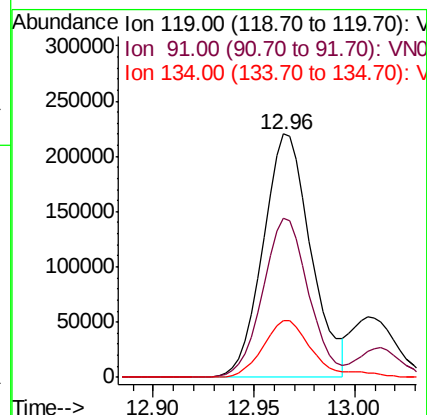
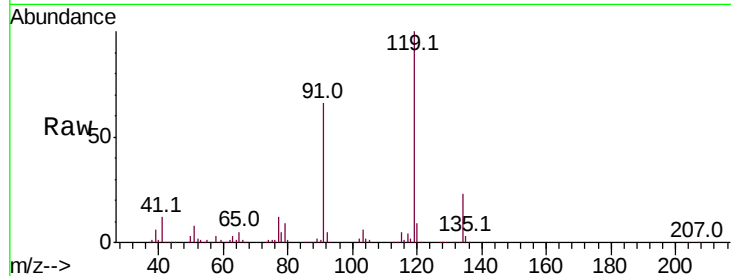




#83
tert-Butylbenzene
Concen: 55.169 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

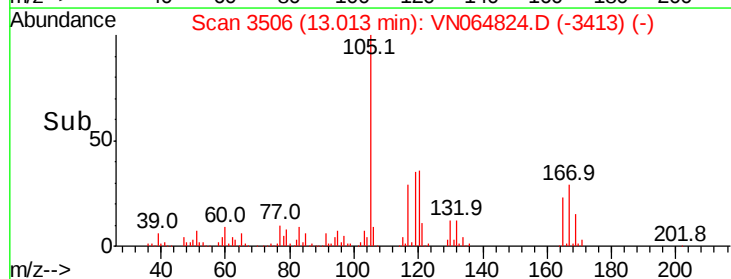
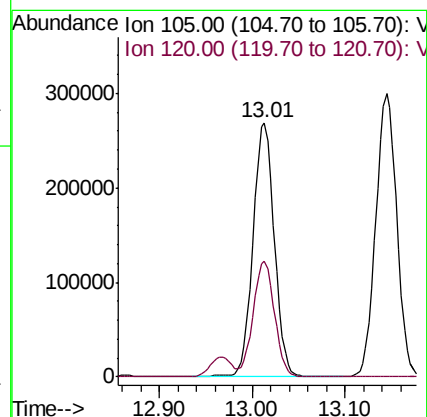
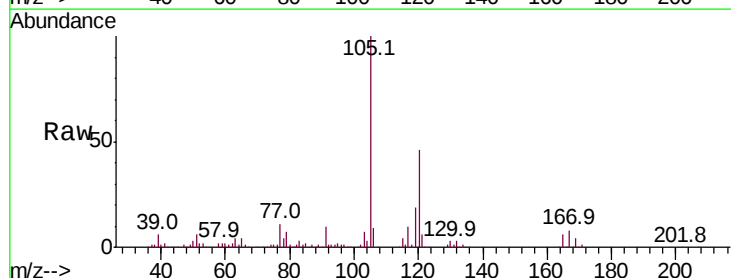
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

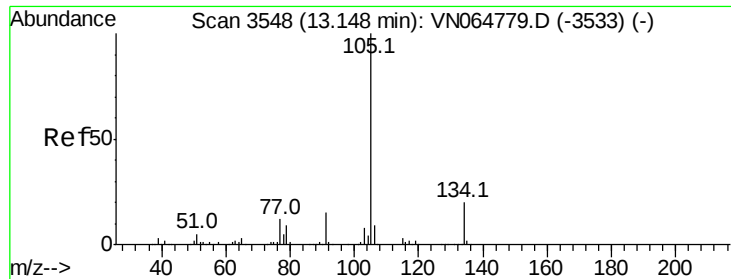
Tot Ion:119 Resp: 363555
Ion Ratio Lower Upper
119 100
91 62.8 32.3 96.8
134 24.4 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 53.897 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion:105 Resp: 428424
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 53.812 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

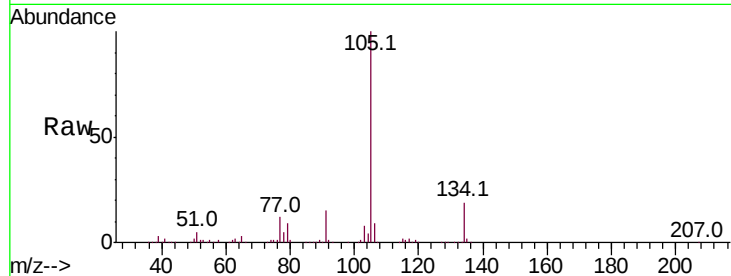
VSTDCCC050

Tot Ion:105 Resp: 470830

Ion Ratio Lower Upper

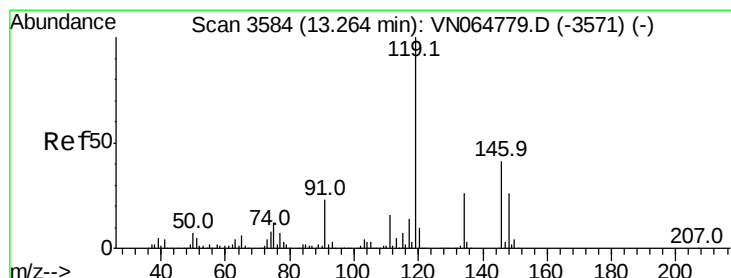
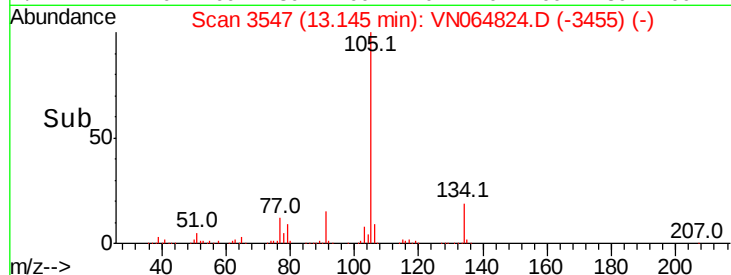
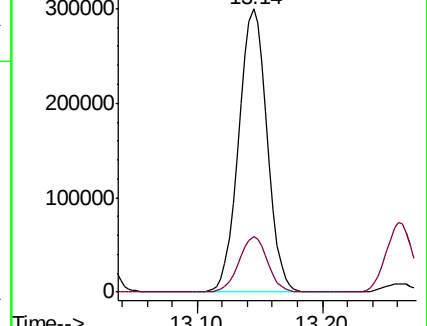
105 100

134 19.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.428 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

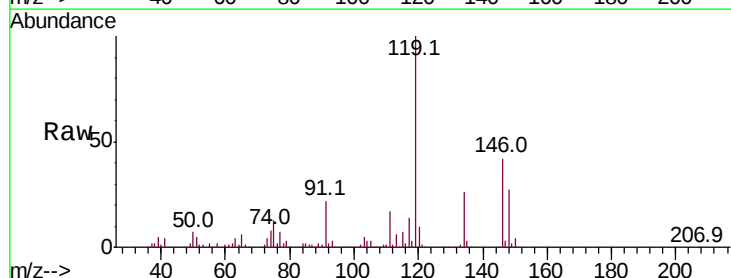
Tgt Ion:119 Resp: 433566

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

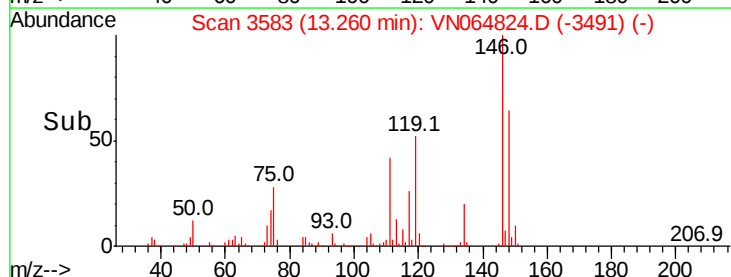
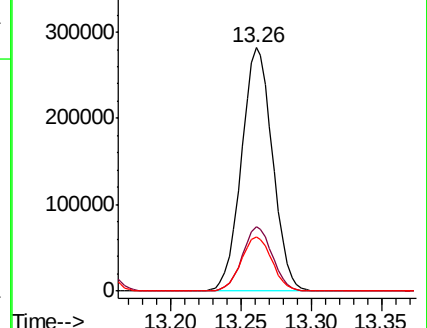
91 22.4 11.5 34.5

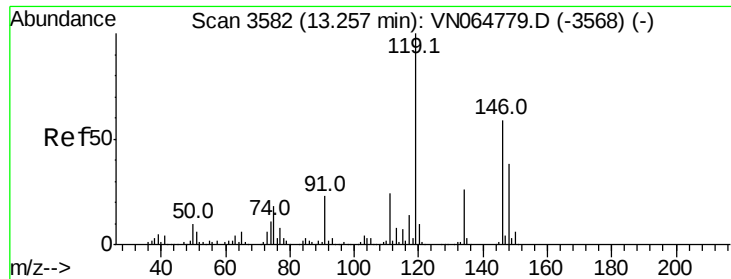


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

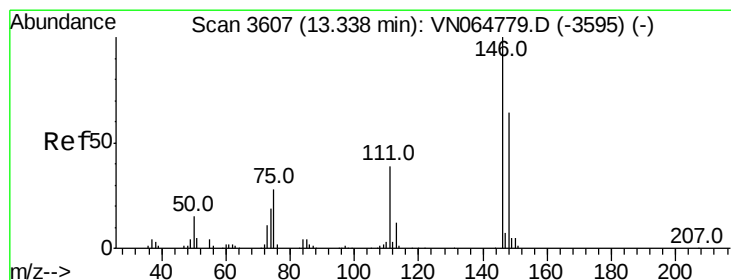
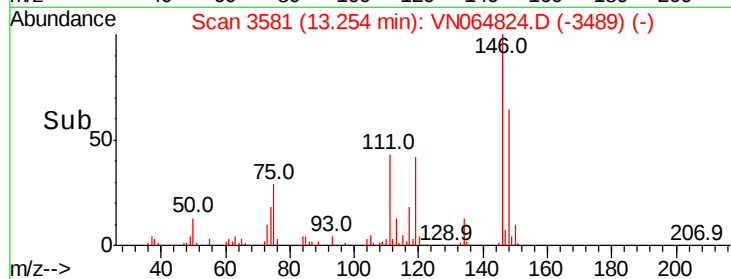
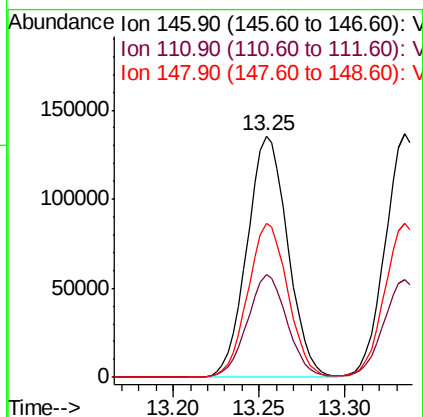
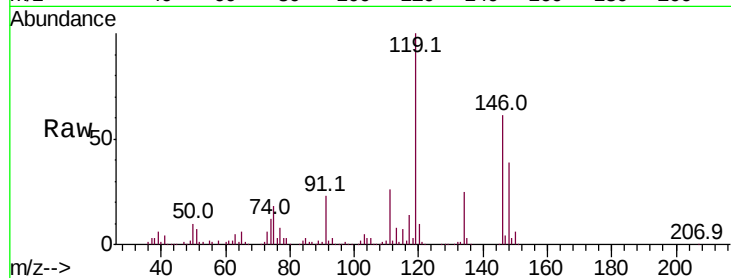




#87
 1,3-Dichlorobenzene
 Concen: 49.191 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

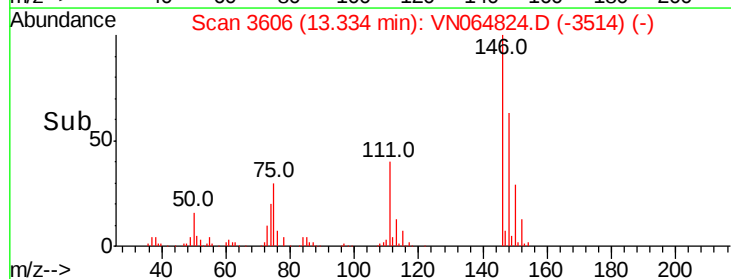
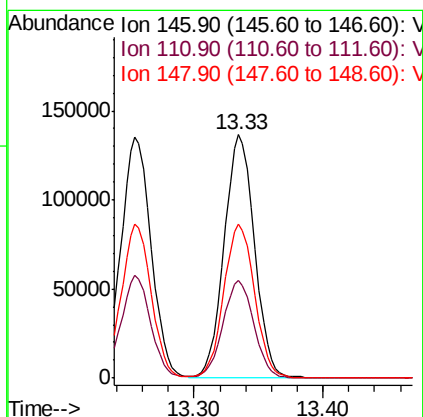
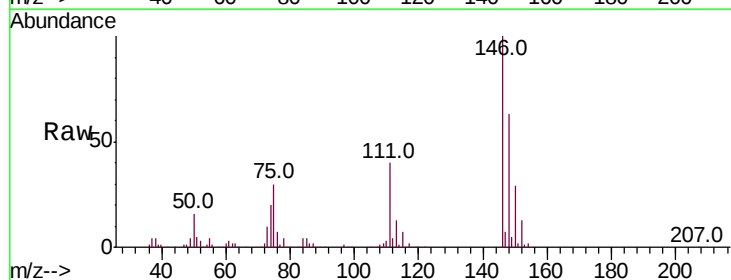
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

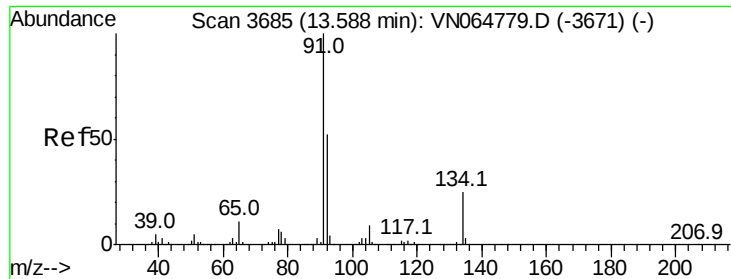
Tot Ion:146 Resp: 222862
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.6 61.9
 148 62.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.433 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

Tgt Ion:146 Resp: 222473
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.8 59.3
 148 64.4 31.9 95.5

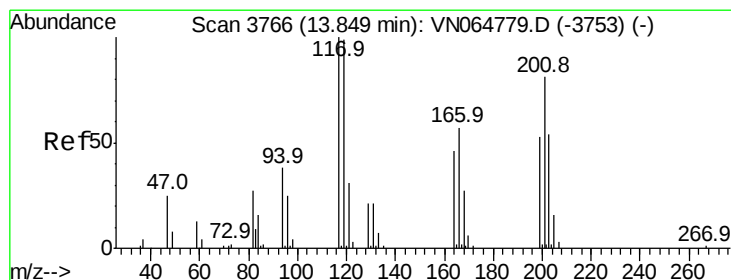
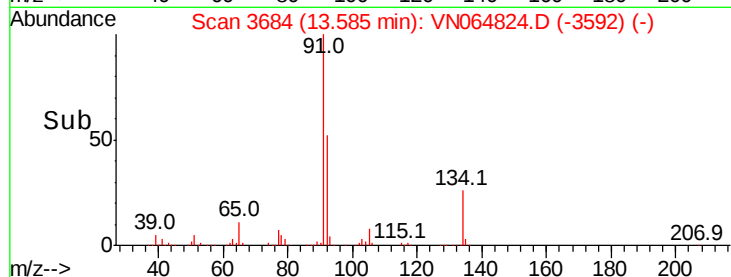
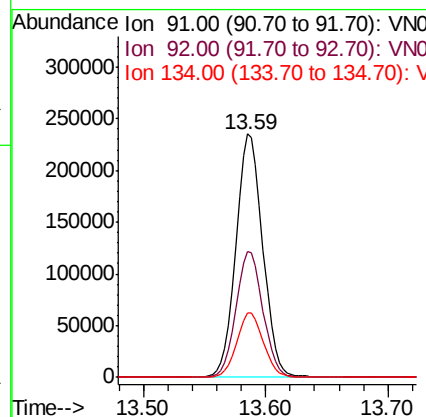
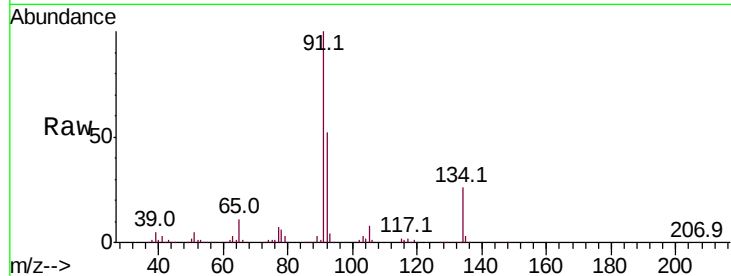




#89
n-Butylbenzene
Concen: 51.432 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

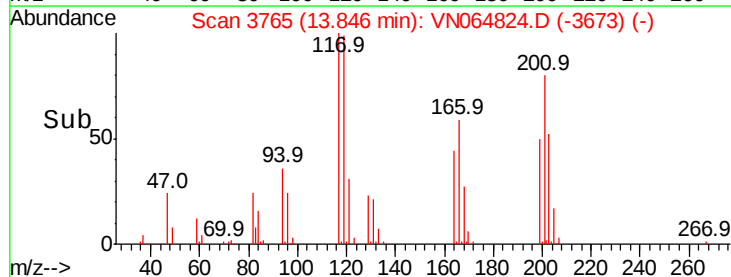
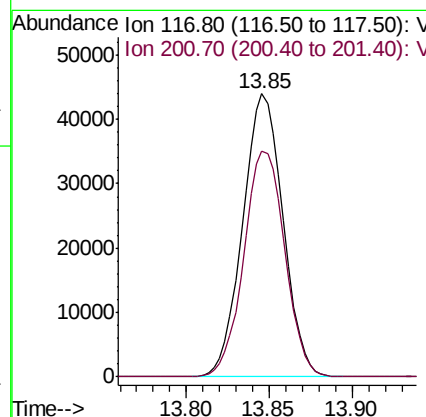
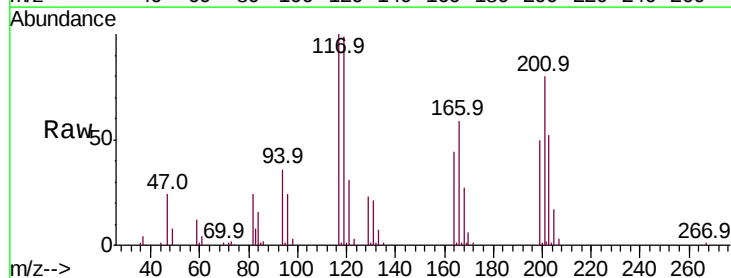
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

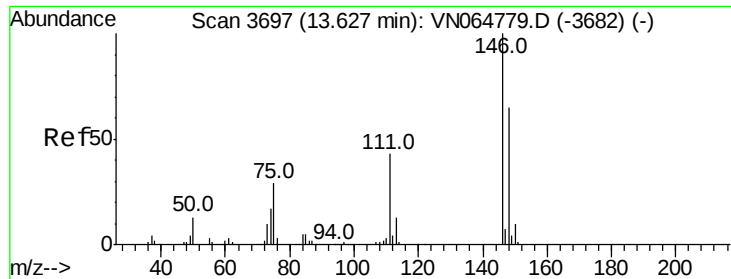
Tot Ion: 91 Resp: 359795
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 26.4 12.9 38.6



#90
Hexachloroethane
Concen: 53.686 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064824.D
Acq: 24 Nov 2020 21:05

Tgt Ion: 117 Resp: 74292
Ion Ratio Lower Upper
117 100
201 81.2 40.1 120.3

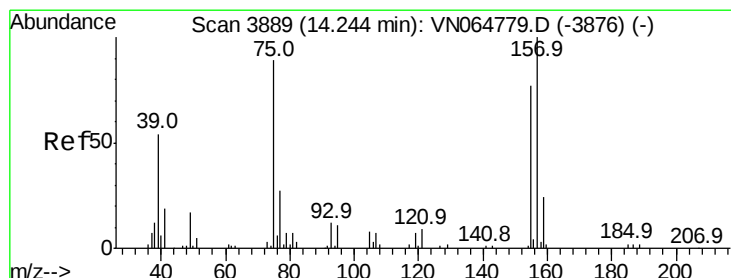
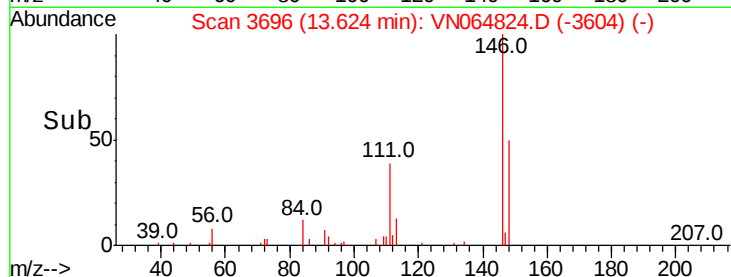
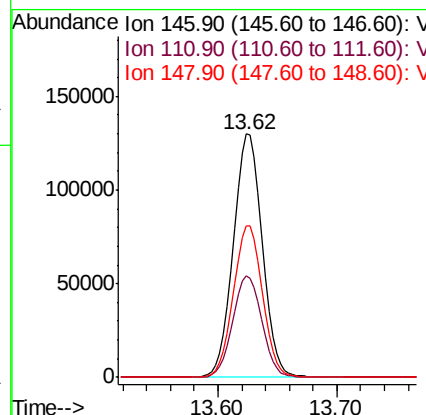
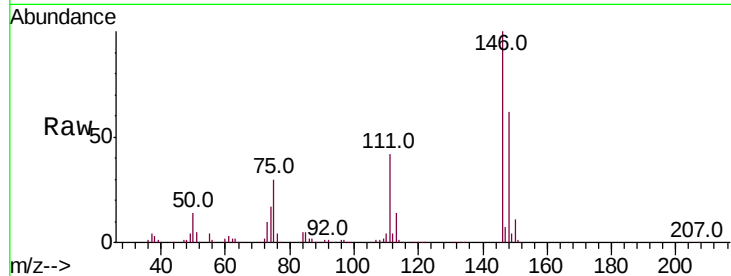




#91
 1,2-Dichlorobenzene
 Concen: 49.300 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

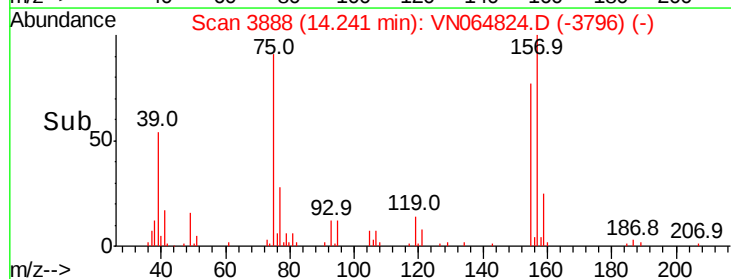
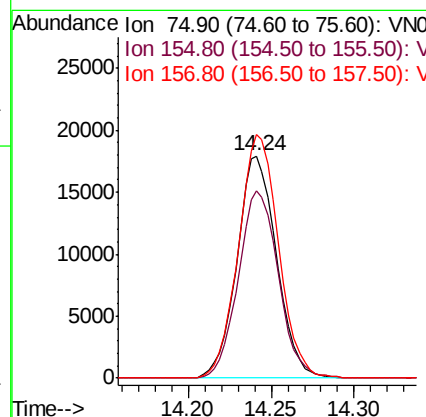
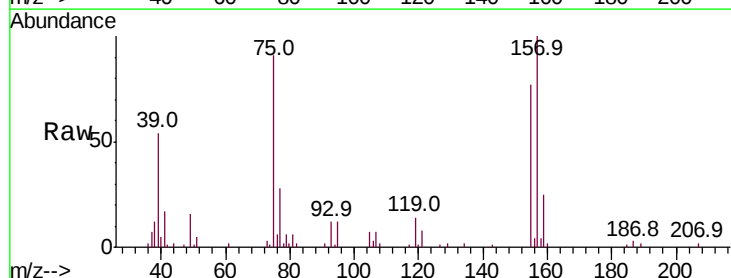
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

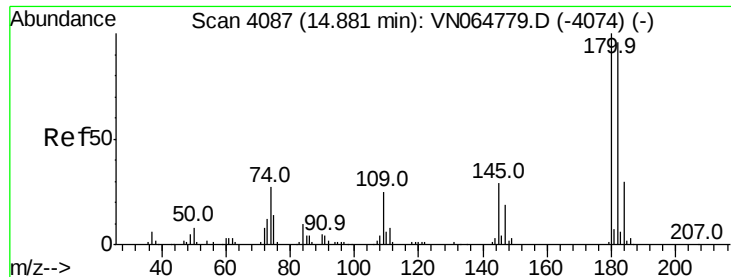
Tot Ion:146 Resp: 219311
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.1 63.1
 148 62.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.687 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

Tgt Ion: 75 Resp: 29747
 Ion Ratio Lower Upper
 75 100
 155 85.2 42.8 128.3
 157 110.9 56.4 169.1

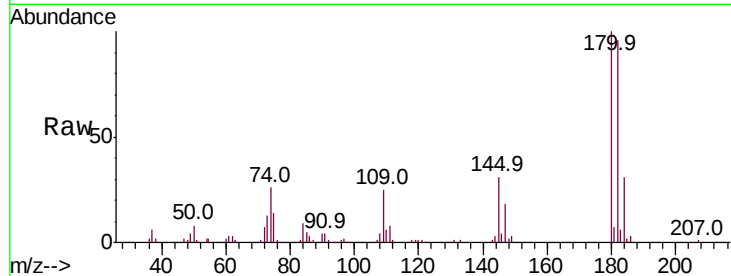




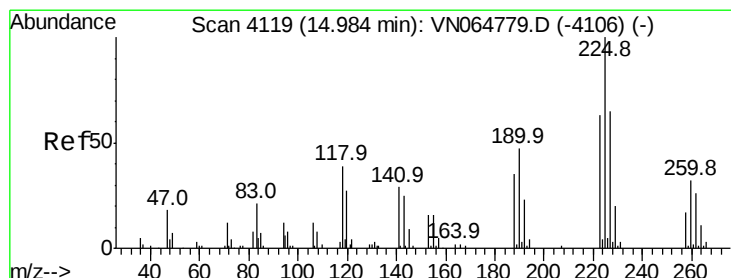
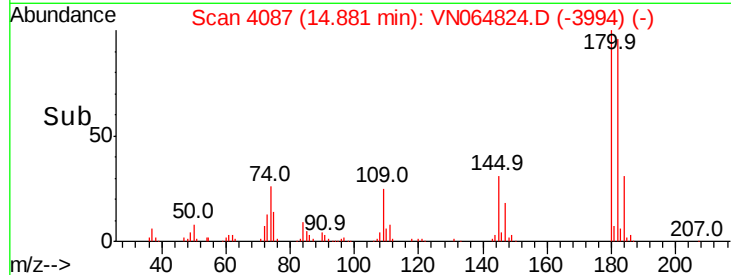
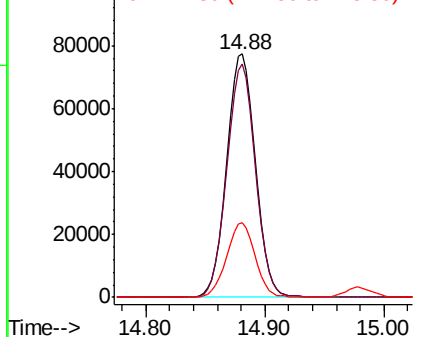
#93
 1,2,4-Trichlorobenzene
 Concen: 47.036 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 129437
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.9
 145 30.4 15.3 45.8

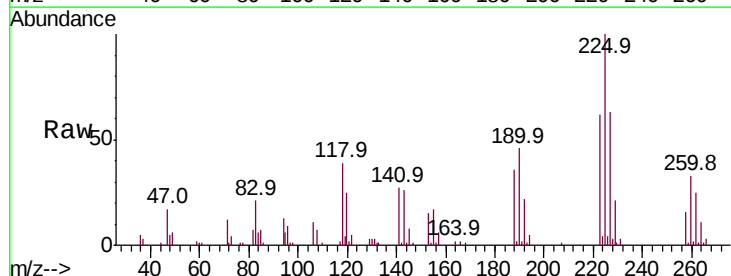


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

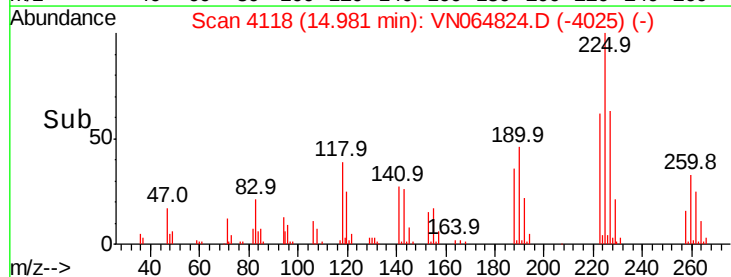
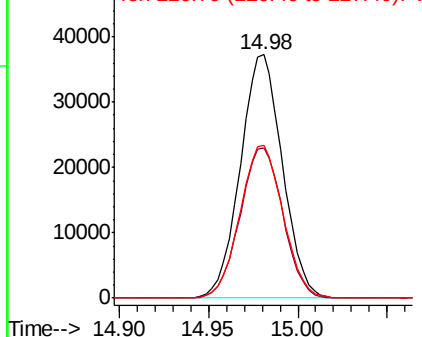


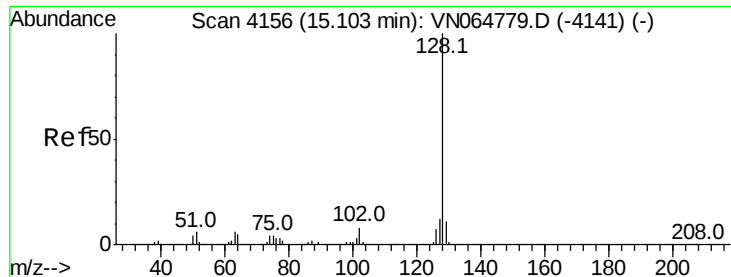
#94
 Hexachlorobutadiene
 Concen: 49.528 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064824.D
 Acq: 24 Nov 2020 21:05

Tgt Ion:225 Resp: 61371
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.0 93.0
 227 64.0 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.377 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

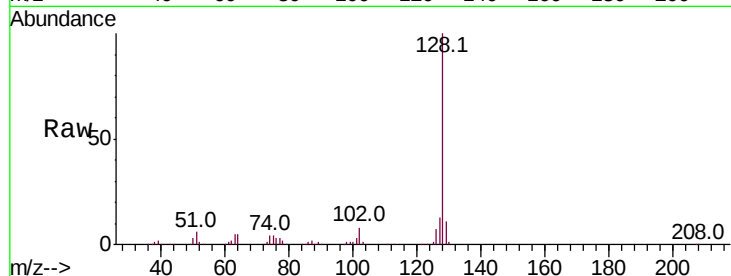
Tot Ion:128 Resp: 398835

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

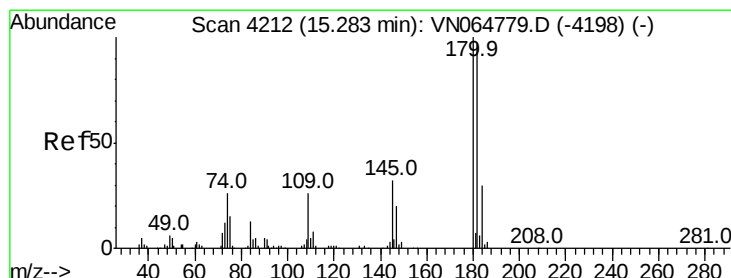
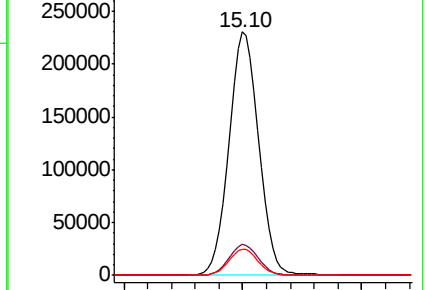
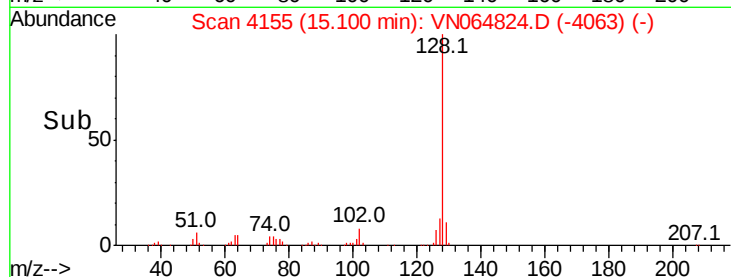
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.018 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

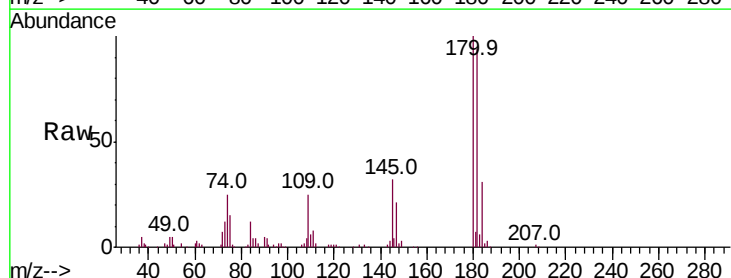
Tgt Ion:180 Resp: 125426

Ion Ratio Lower Upper

180 100

182 94.7 48.1 144.4

145 32.5 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

