

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064006.D
 Acq On : 8 Oct 2020 22:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 09 04:07:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	268467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	447448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	197638	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	217593	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	7.55	113	157836	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.06	98	558217	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
62) 4-Bromofluorobenzene	12.38	95	207521	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	116288	41.051	ug/l	97
3) Chloromethane	2.04	50	155704	46.844	ug/l	98
4) Vinyl Chloride	2.16	62	153265	45.936	ug/l	99
5) Bromomethane	2.52	94	93752	44.673	ug/l	97
6) Chloroethane	2.66	64	104649	52.490	ug/l	100
7) Trichlorofluoromethane	2.98	101	242253	45.781	ug/l	100
8) Diethyl Ether	3.37	74	96092	53.695	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	123931	43.818	ug/l	98
10) Methyl Iodide	3.91	142	161192	49.085	ug/l	98
11) Tert butyl alcohol	4.73	59	161808	330.445	ug/l	100
12) 1,1-Dichloroethene	3.69	96	128228	47.432	ug/l	98
13) Acrolein	3.57	56	115108	383.016	ug/l	99
14) Allyl chloride	4.28	41	275592	54.873	ug/l	91
15) Acrylonitrile	4.93	53	432238	308.380	ug/l	99
16) Acetone	3.77	43	407611	298.547	ug/l	99
17) Carbon Disulfide	4.01	76	333757	45.738	ug/l	99
18) Methyl Acetate	4.28	43	229794	64.824	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	542033	55.187	ug/l	99
20) Methylene Chloride	4.50	84	167069	53.417	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	145517	48.056	ug/l	93
22) Diisopropyl ether	5.90	45	609981	59.031	ug/l	98
23) Vinyl Acetate	5.84	43	2510939	293.345	ug/l	99
24) 1,1-Dichloroethane	5.80	63	316894	53.635	ug/l	100
25) 2-Butanone	6.78	43	629465	325.190	ug/l	99
26) 2,2-Dichloropropane	6.78	77	233178	43.096	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	179179	51.450	ug/l	98
28) Bromochloromethane	7.15	49	167393	57.323	ug/l	98
29) Tetrahydrofuran	7.17	42	430949	331.946	ug/l	96
30) Chloroform	7.33	83	328473	53.320	ug/l	94
31) Cyclohexane	7.61	56	222089	43.132	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	278315	50.087	ug/l	98
36) 1,1-Dichloropropene	7.75	75	213764	47.156	ug/l	99
37) Ethyl Acetate	6.88	43	262301	58.241	ug/l	99
38) Carbon Tetrachloride	7.73	117	230977	45.440	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064006.D
 Acq On : 8 Oct 2020 22:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 09 04:07:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	187694	41.520	ug/l	96
40) Benzene	8.00	78	667410	51.547	ug/l	100
41) Methacrylonitrile	7.16	41	397129	198.404	ug/l #	23
42) 1,2-Dichloroethane	8.08	62	280172	50.693	ug/l	100
43) Isopropyl Acetate	8.13	43	435571	58.634	ug/l	100
44) Trichloroethene	8.80	130	160662	47.359	ug/l	97
45) 1,2-Dichloropropane	9.08	63	187587	53.646	ug/l	99
46) Dibromomethane	9.17	93	126310	52.362	ug/l	99
47) Bromodichloromethane	9.37	83	259482	52.194	ug/l	98
48) Methyl methacrylate	9.17	41	226201	61.632	ug/l	90
49) 1,4-Dioxane	9.16	88	66963	1283.756	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1393645	319.683	ug/l	100
52) Toluene	10.13	92	404542	50.514	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	278231	52.210	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	290655	52.151	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	174181	54.233	ug/l	99
56) Ethyl methacrylate	10.40	69	270588	59.438	ug/l	94
57) 1,3-Dichloropropane	10.68	76	297378	54.729	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	726814	298.466	ug/l	98
59) 2-Hexanone	10.72	43	1018685	314.557	ug/l	99
60) Dibromochloromethane	10.87	129	197973	52.930	ug/l	100
61) 1,2-Dibromoethane	10.98	107	181911	55.371	ug/l	99
64) Tetrachloroethene	10.60	164	142889	44.175	ug/l	98
65) Chlorobenzene	11.41	112	427101	49.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	174487	53.070	ug/l	98
67) Ethyl Benzene	11.48	91	763701	48.938	ug/l	100
68) m/p-Xylenes	11.59	106	565514	97.231	ug/l	98
69) o-Xylene	11.92	106	278914	51.307	ug/l	98
70) Styrene	11.94	104	484878	52.545	ug/l	98
71) Bromoform	12.10	173	138464	55.064	ug/l #	98
73) Isopropylbenzene	12.22	105	714493	49.564	ug/l	99
74) N-amyl acetate	12.05	43	375378	55.759	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	259085	58.774	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	347510	79.764	ug/l #	100
77) Bromobenzene	12.50	156	187264	52.941	ug/l	97
78) n-propylbenzene	12.57	91	816617	48.675	ug/l	100
79) 2-Chlorotoluene	12.65	91	518076	50.211	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	611640	50.574	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	85593	56.584	ug/l	98
82) 4-Chlorotoluene	12.75	91	546803	51.049	ug/l	100
83) tert-Butylbenzene	12.97	119	480402	48.562	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	612484	50.725	ug/l	97
85) sec-Butylbenzene	13.15	105	622987	47.947	ug/l	100
86) p-Isopropyltoluene	13.26	119	560600	48.771	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	319803	49.975	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	321112	48.193	ug/l	99
89) n-Butylbenzene	13.59	91	457354	43.110	ug/l	99
90) Hexachloroethane	13.85	117	106378	47.759	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	328748	51.867	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	56762	54.907	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
Data File : VN064006.D
Acq On : 8 Oct 2020 22:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Oct 09 04:07:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

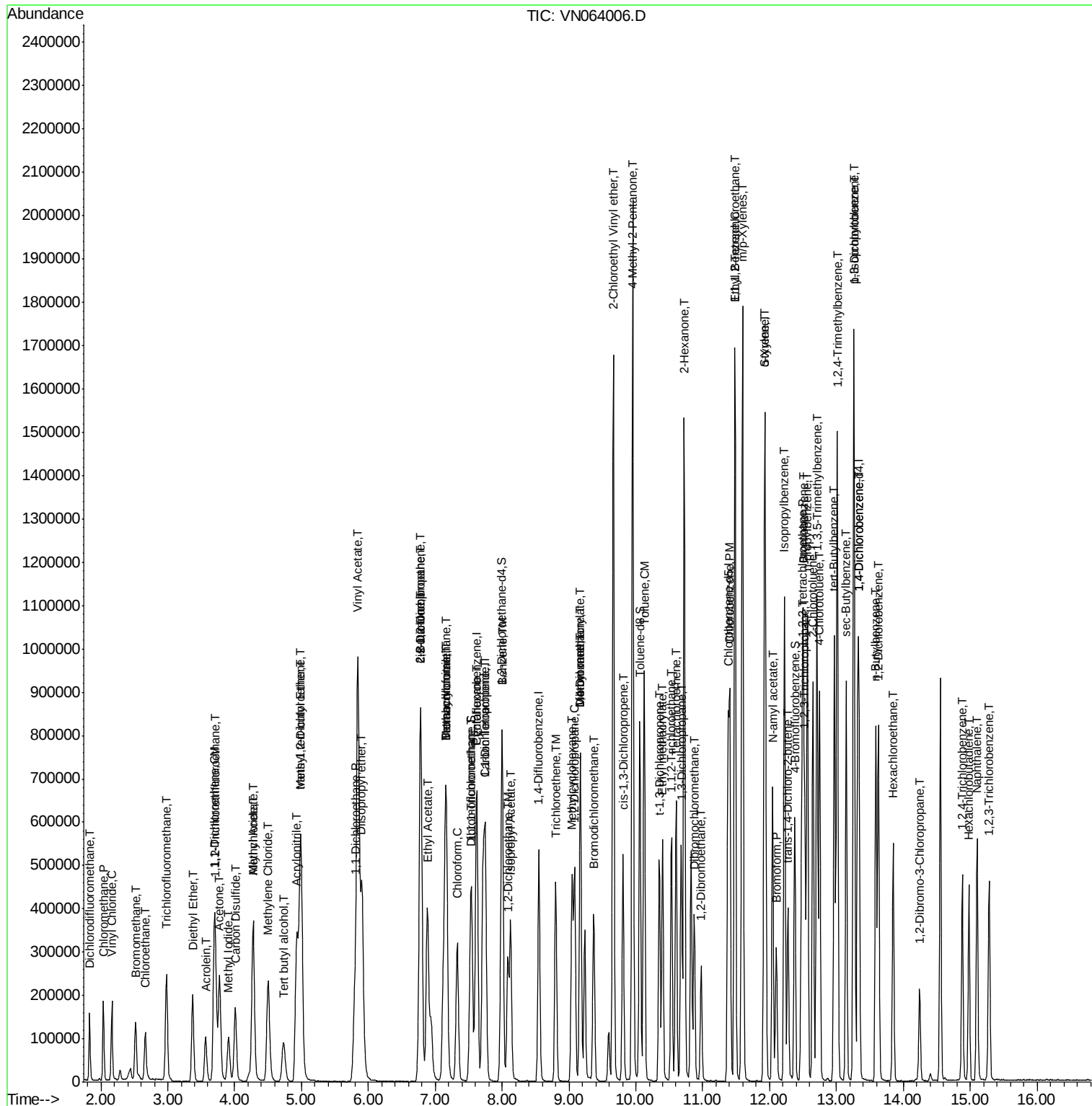
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	144134	42.104	ug/l	97
94) Hexachlorobutadiene	14.98	225	80718	46.973	ug/l	98
95) Naphthalene	15.10	128	465432	43.889	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	145952	43.860	ug/l	99

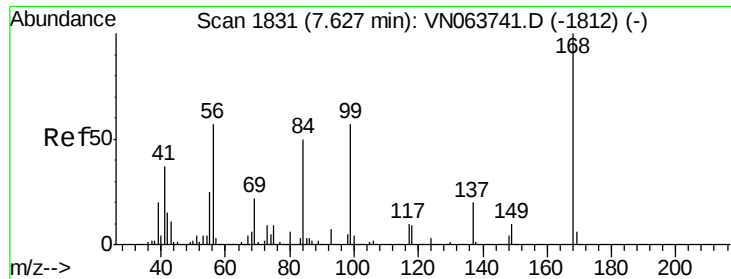
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100820\
Data File : VN064006.D
Acq On : 8 Oct 2020 22:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Oct 09 04:07:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

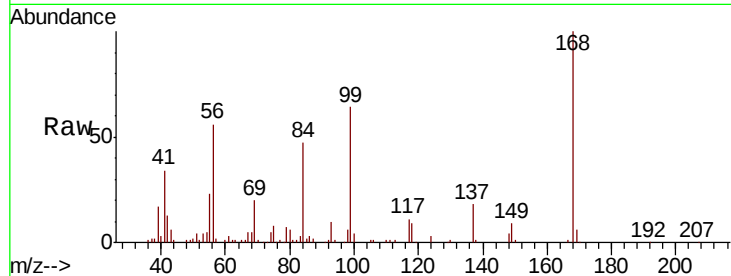
VSTDCCC050

Tot Ion:168 Resp: 268467

Ion Ratio Lower Upper

168 100

99 63.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

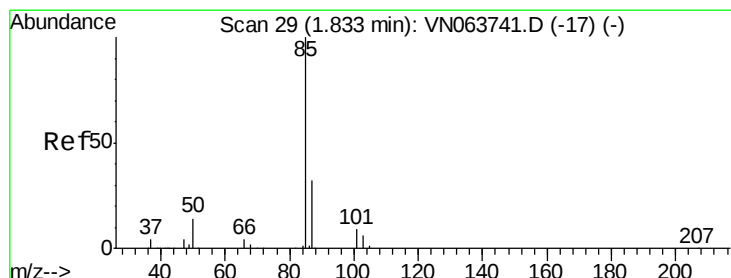
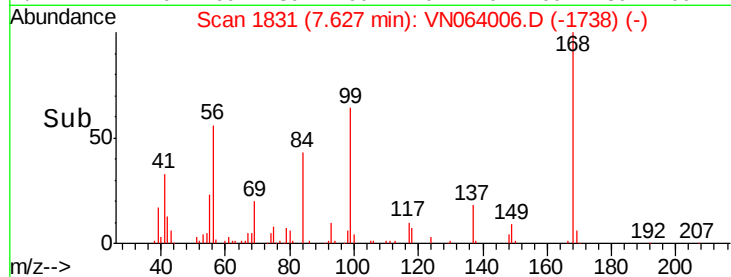
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 41.051 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064006.D

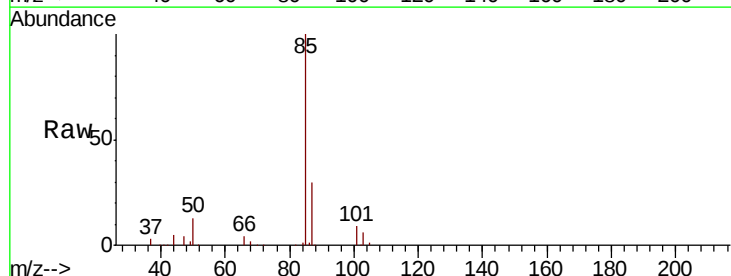
Acq: 8 Oct 2020 22:28

Tgt Ion: 85 Resp: 116288

Ion Ratio Lower Upper

85 100

87 30.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

100000

80000

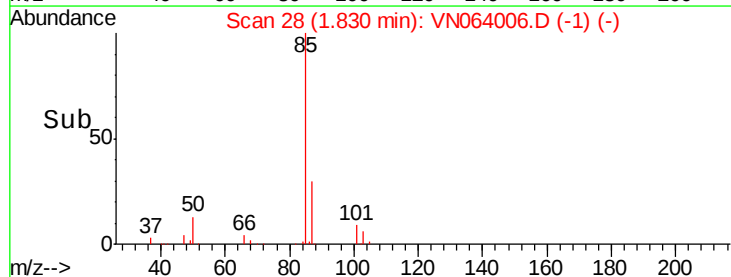
60000

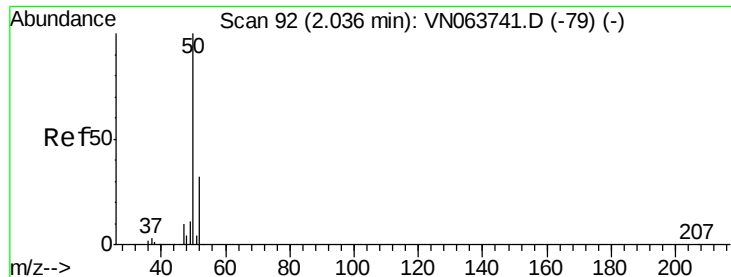
40000

20000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 46.844 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

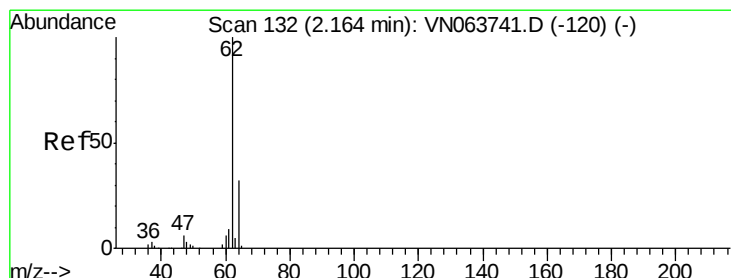
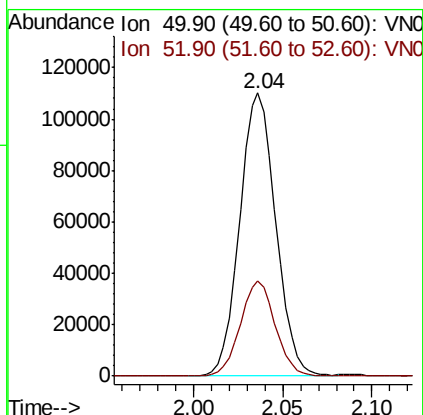
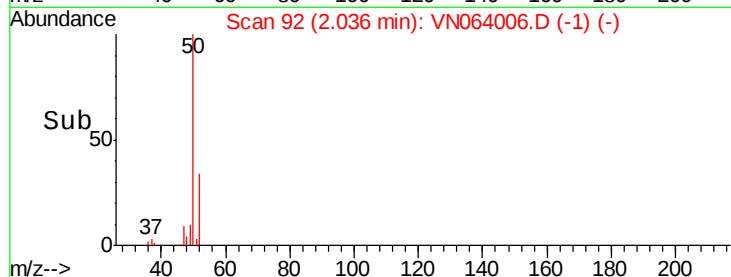
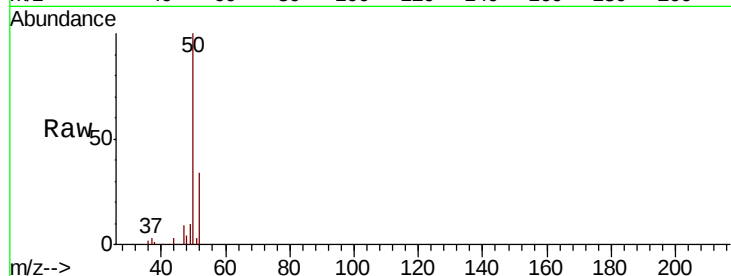
VSTDCCC050

Tot Ion: 50 Resp: 155704

Ion Ratio Lower Upper

50 100

52 33.5 25.8 38.8



#4

Vinyl Chloride

Concen: 45.936 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN064006.D

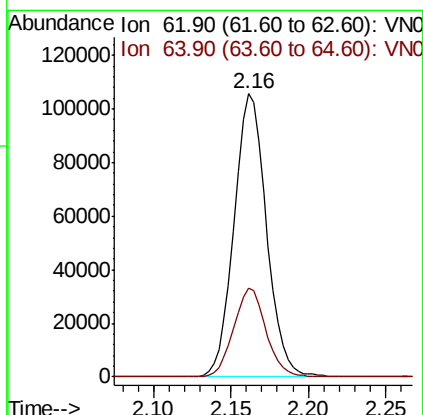
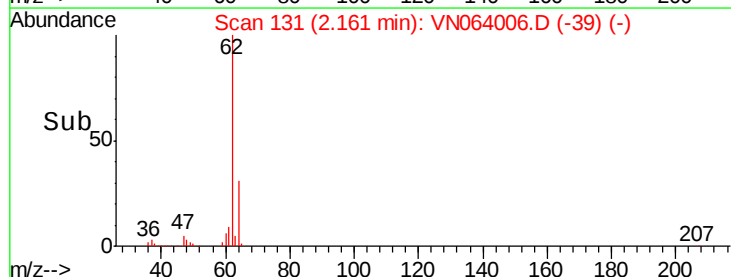
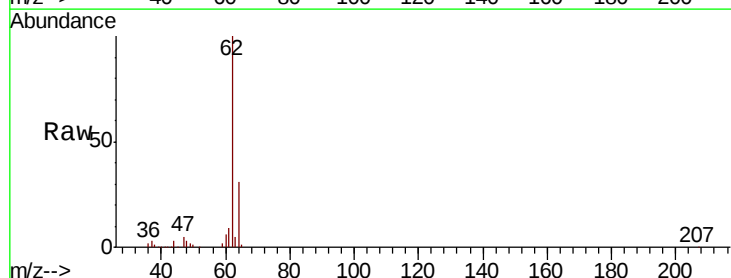
Acq: 8 Oct 2020 22:28

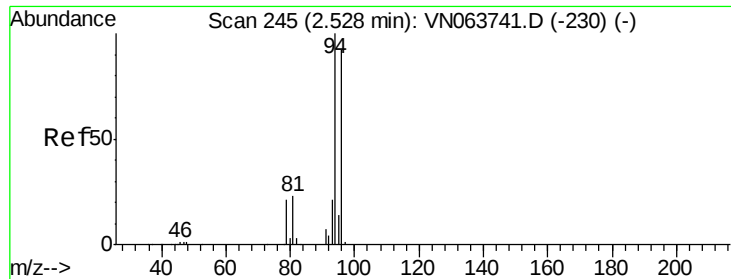
Tgt Ion: 62 Resp: 153265

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 44.673 ug/l

RT: 2.52 min Scan# 242

Delta R.T. -0.01 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

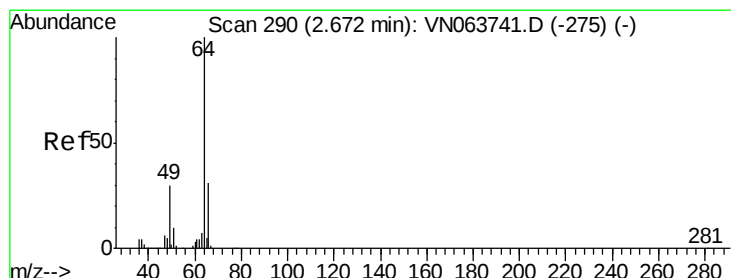
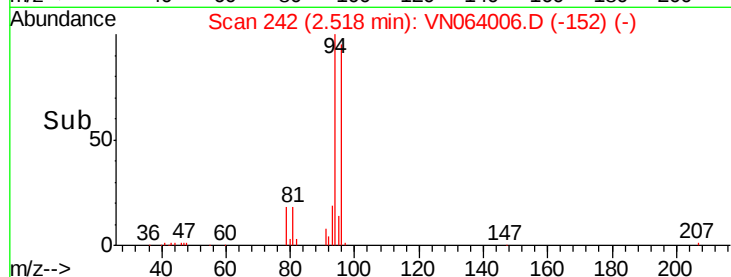
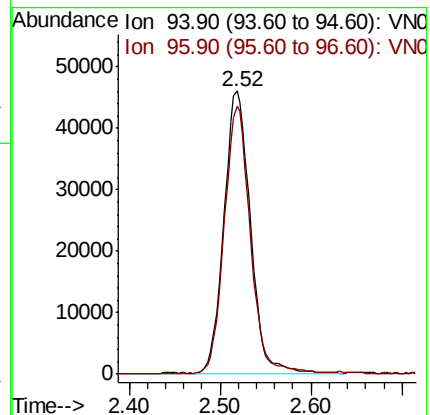
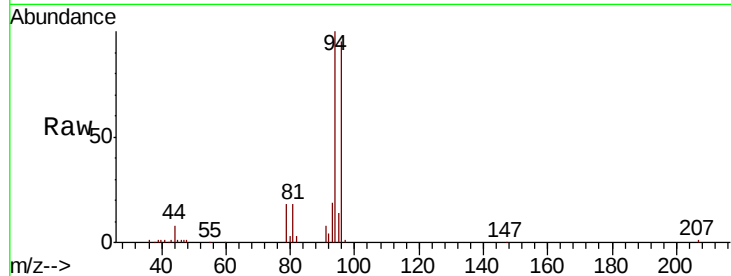
VSTDCCC050

Tot Ion: 94 Resp: 93752

Ion Ratio Lower Upper

94 100

96 94.5 73.3 109.9



#6

Chloroethane

Concen: 52.490 ug/l

RT: 2.66 min Scan# 287

Delta R.T. -0.01 min

Lab File: VN064006.D

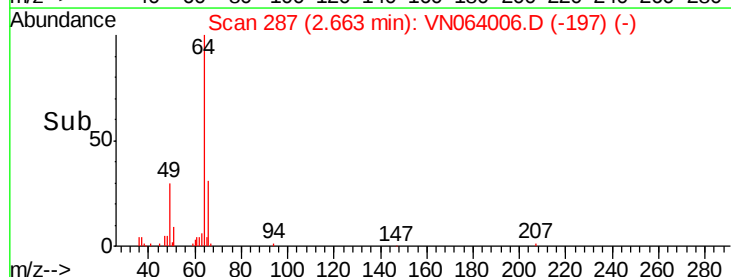
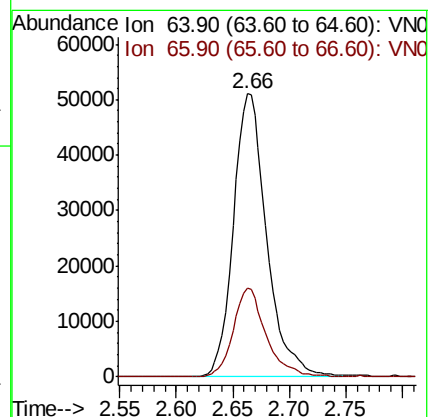
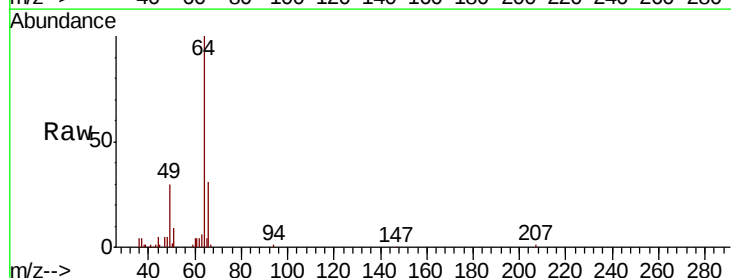
Acq: 8 Oct 2020 22:28

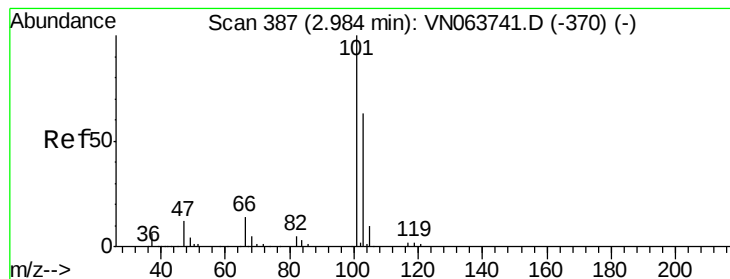
Tgt Ion: 64 Resp: 104649

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7



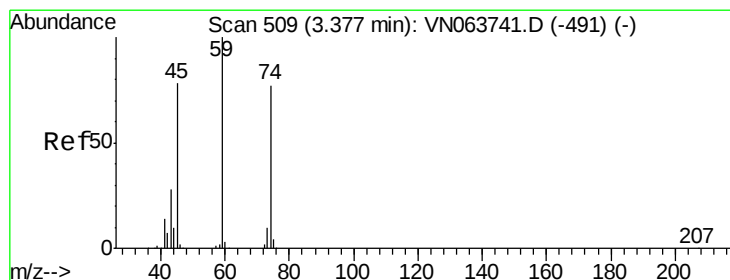
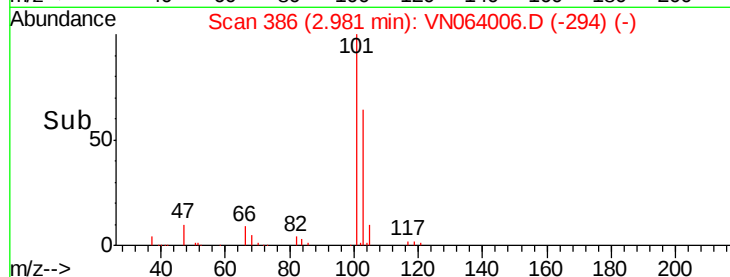
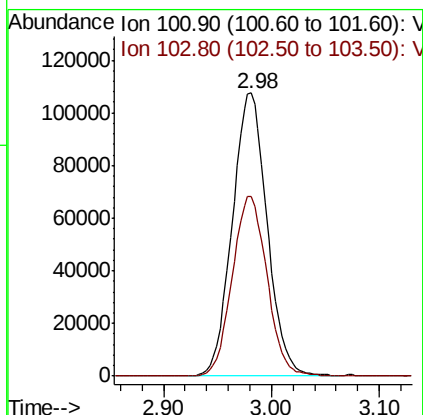
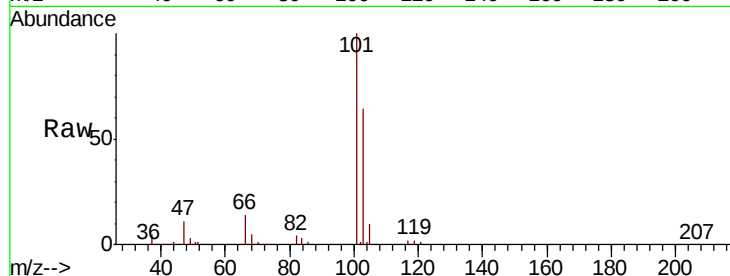


#7

Trichlorofluoromethane
 Concen: 45.781 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

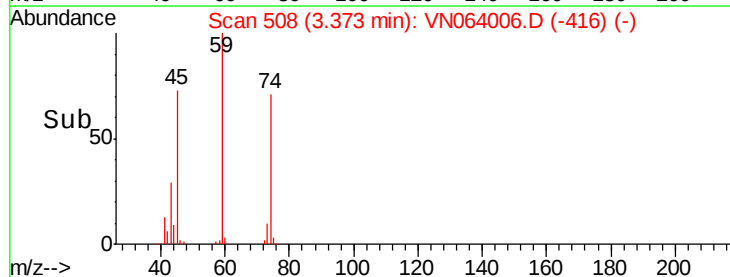
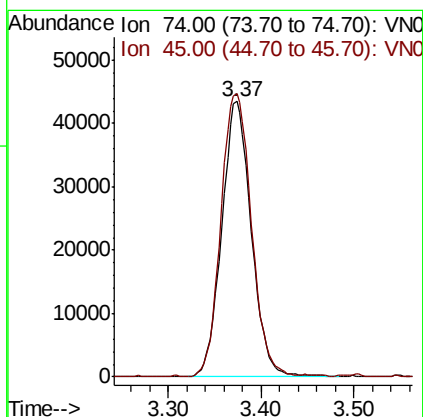
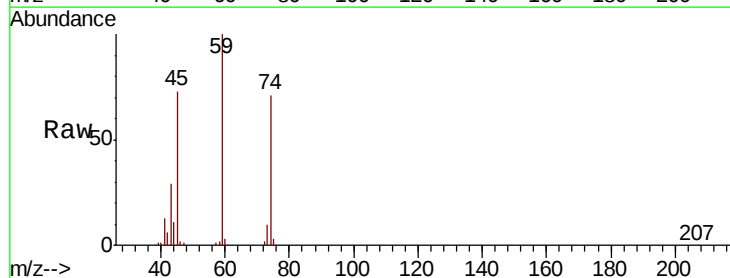
Tot Ion:101 Resp: 242253
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.7 76.1

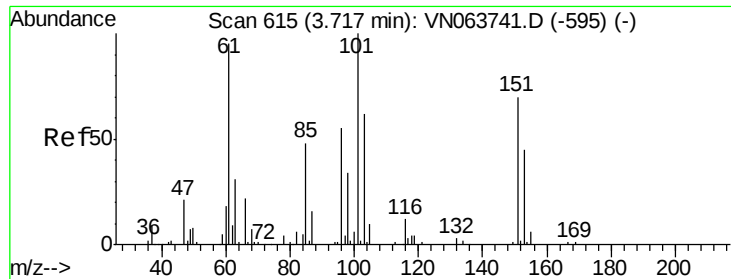


#8

Diethyl Ether
 Concen: 53.695 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

Tgt Ion: 74 Resp: 96092
 Ion Ratio Lower Upper
 74 100
 45 106.3 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.818 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

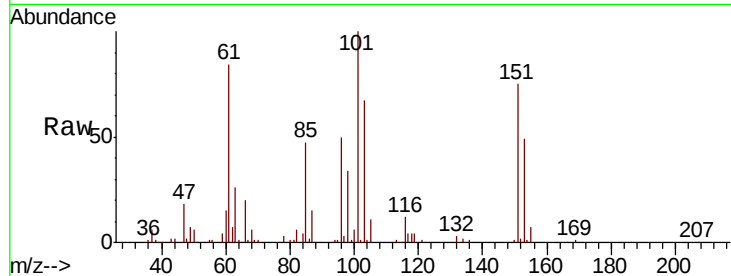
Tot Ion:101 Resp: 123931

Ion Ratio Lower Upper

101 100

85 48.7 38.6 58.0

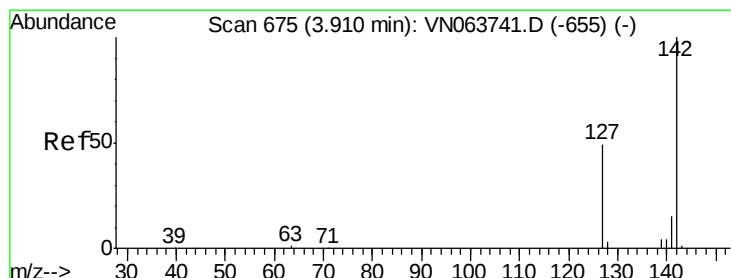
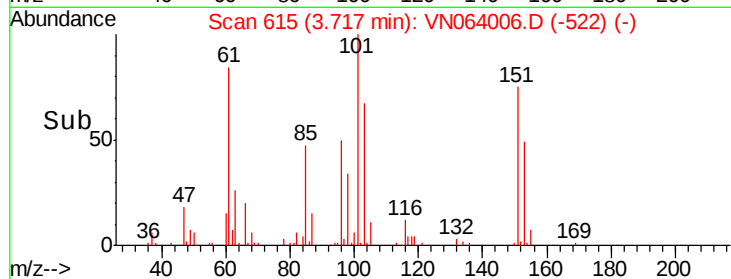
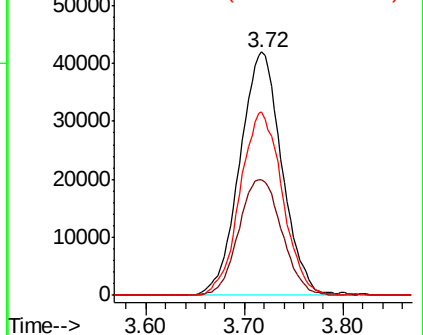
151 75.7 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.085 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

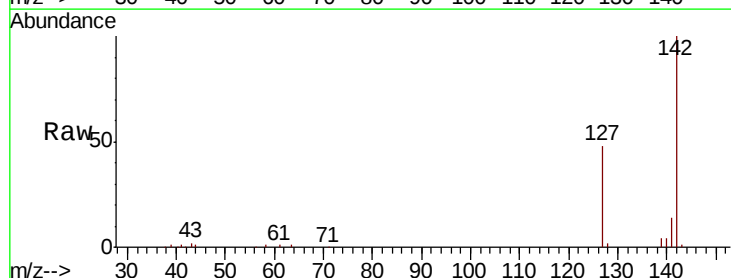
Tgt Ion:142 Resp: 161192

Ion Ratio Lower Upper

142 100

127 49.1 40.5 60.7

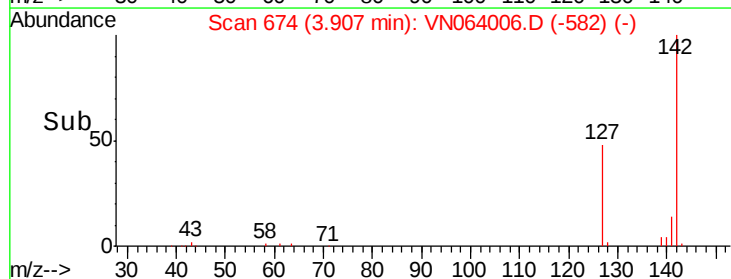
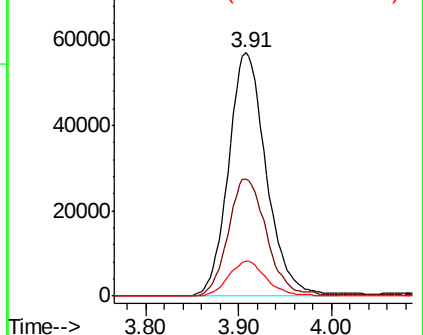
141 14.4 11.7 17.5

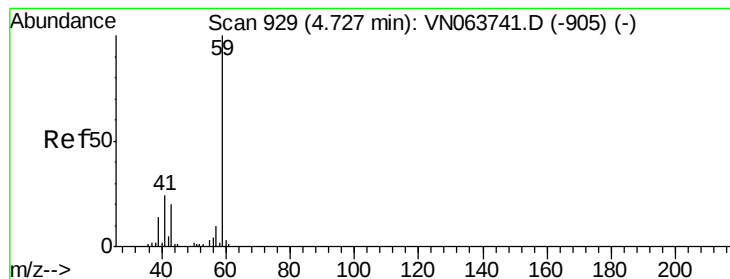


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



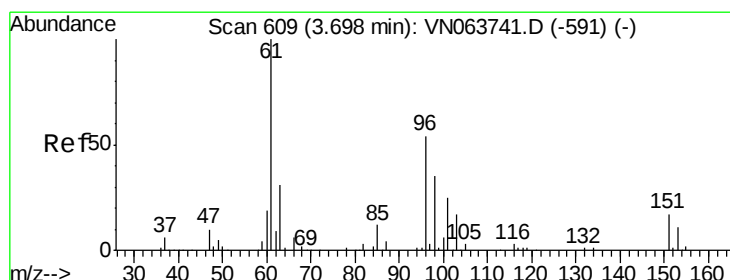
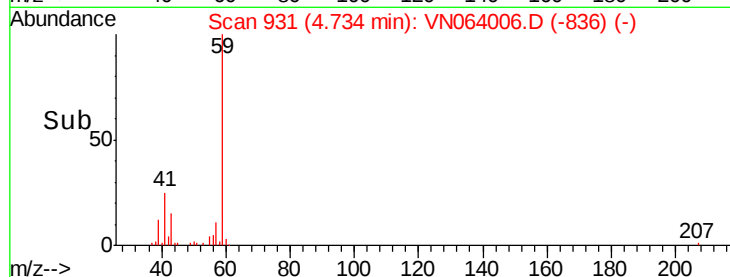
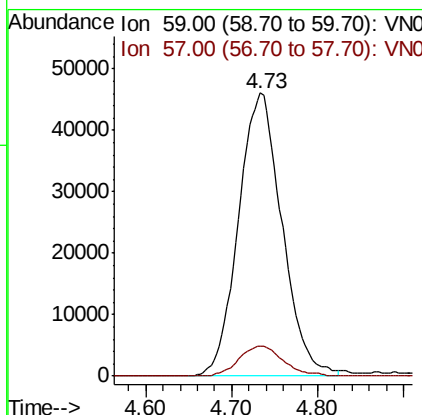
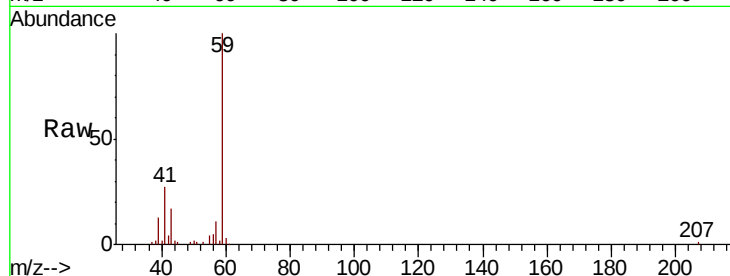


#11

Tert butyl alcohol
Concen: 330.445 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

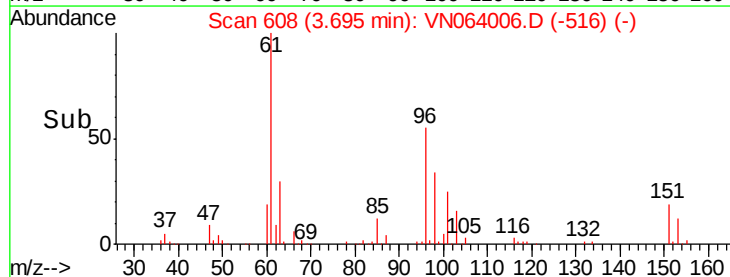
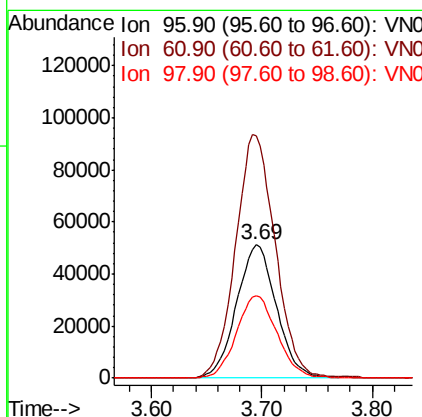
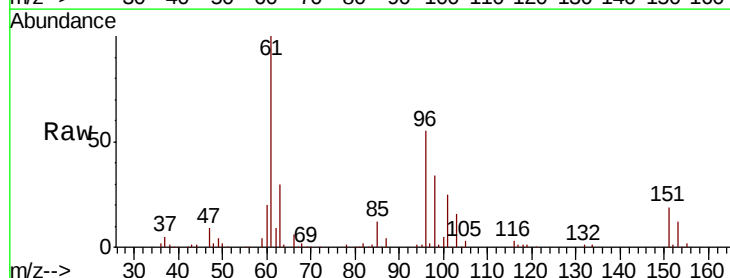
Tot Ion: 59 Resp: 161808
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

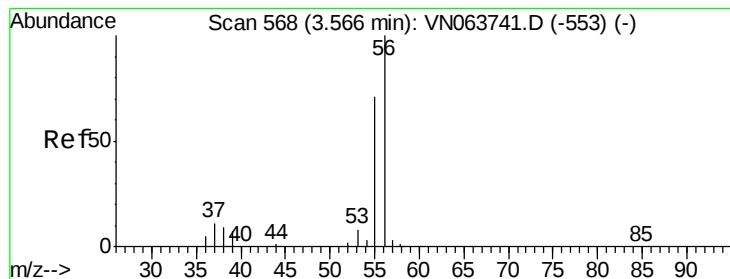


#12

1,1-Dichloroethene
Concen: 47.432 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion: 96 Resp: 128228
Ion Ratio Lower Upper
96 100
61 182.4 147.7 221.5
98 62.1 51.9 77.9





#13

Acrolein

Concen: 383.016 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

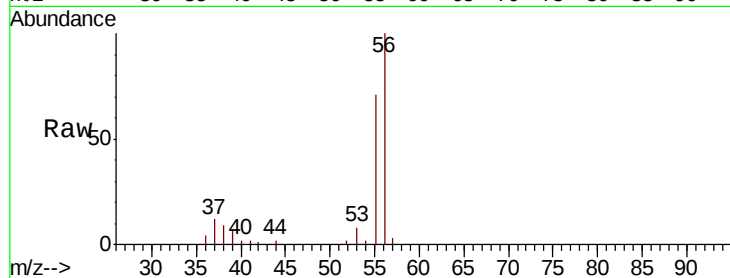
VSTDCCC050

Tot Ion: 56 Resp: 115108

Ion Ratio Lower Upper

56 100

55 72.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN063741.D (-553) (-)

3.57

50000

40000

30000

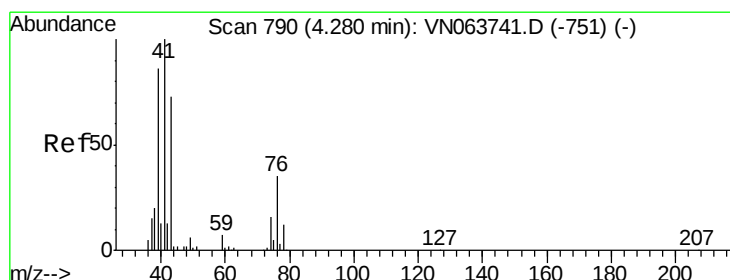
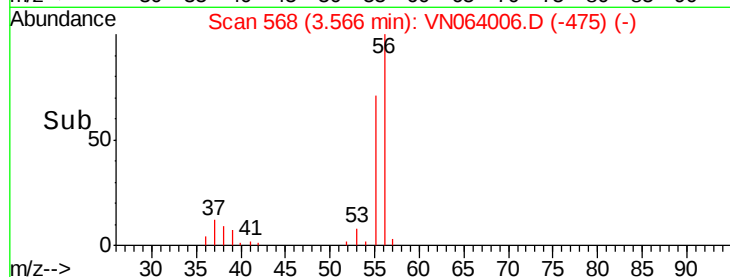
20000

10000

0

Time-->

3.50 3.60



#14

Allyl chloride

Concen: 54.873 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

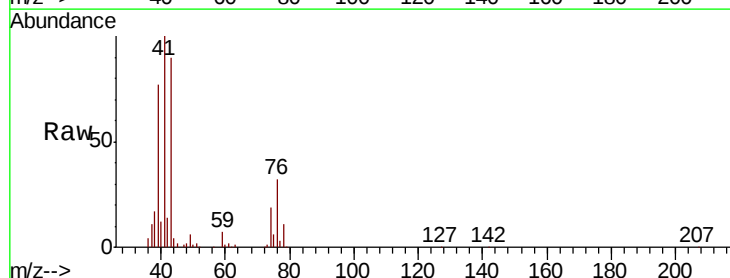
Tgt Ion: 41 Resp: 275592

Ion Ratio Lower Upper

41 100

39 72.0 64.5 96.7

76 28.3 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-751) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN063741.D (-751) (-)

120000

100000

80000

60000

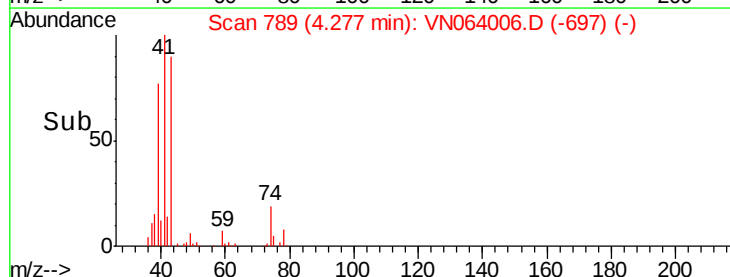
40000

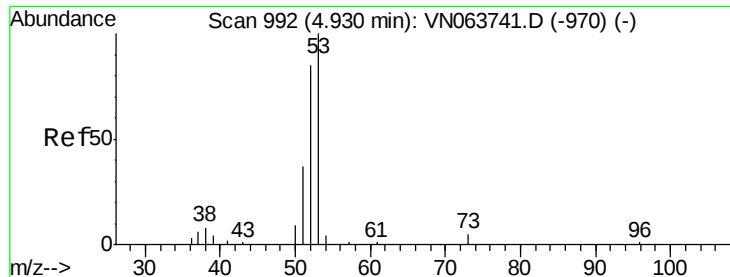
20000

0

Time-->

4.10 4.20 4.30 4.40

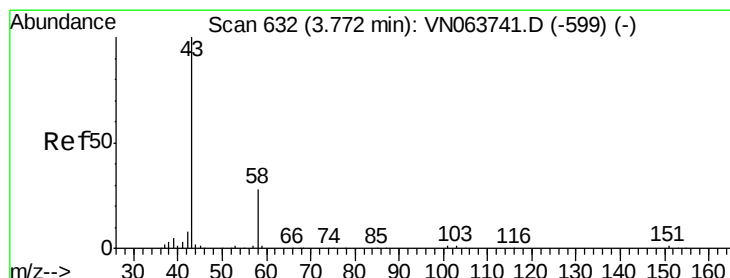
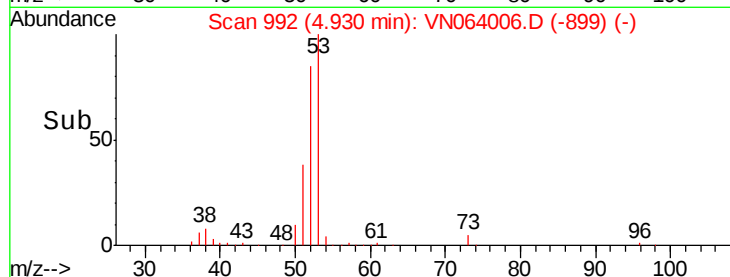
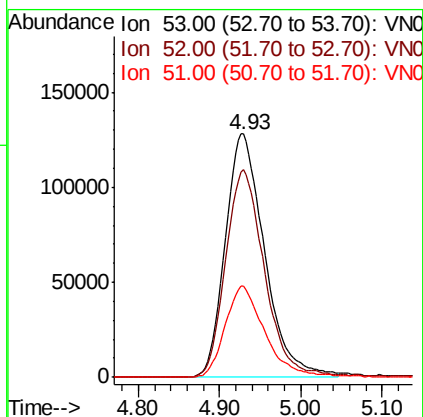
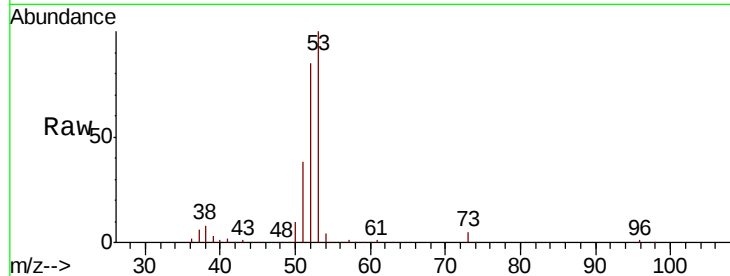




#15
 Acrylonitrile
 Concen: 308.380 ug/l
 RT: 4.93 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

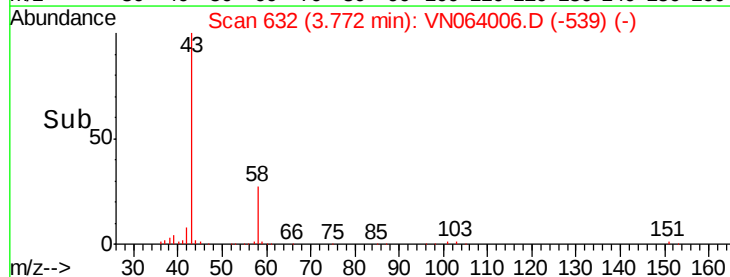
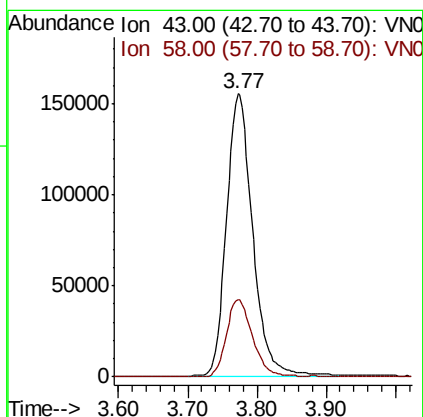
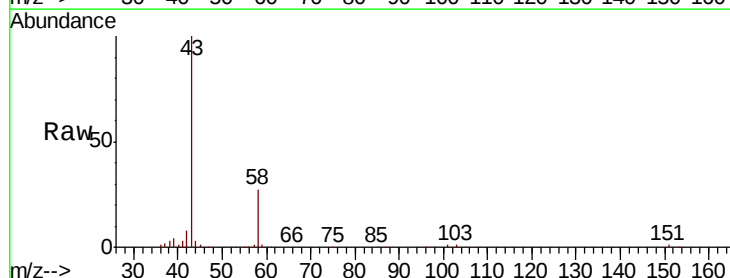
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

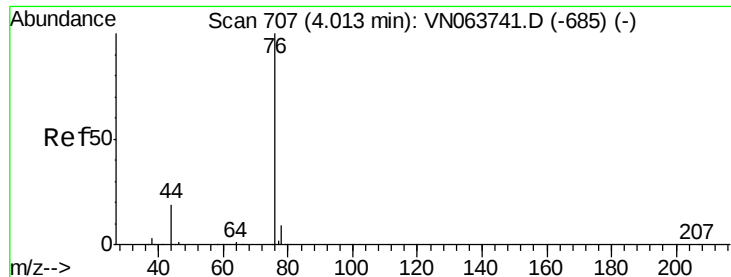
Tot Ion: 53 Resp: 432238
 Ion Ratio Lower Upper
 53 100
 52 84.0 66.5 99.7
 51 37.9 29.9 44.9



#16
 Acetone
 Concen: 298.547 ug/l
 RT: 3.77 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

Tgt Ion: 43 Resp: 407611
 Ion Ratio Lower Upper
 43 100
 58 27.4 22.3 33.5

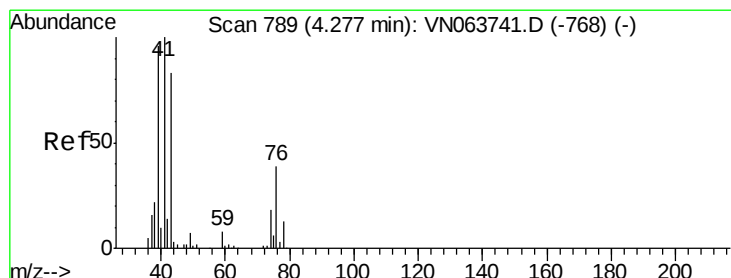
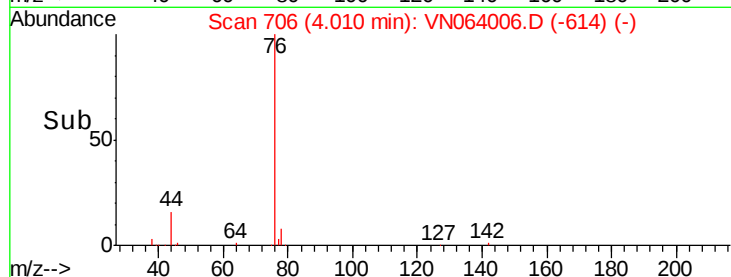
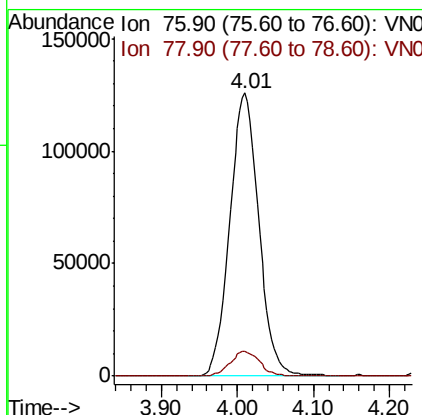
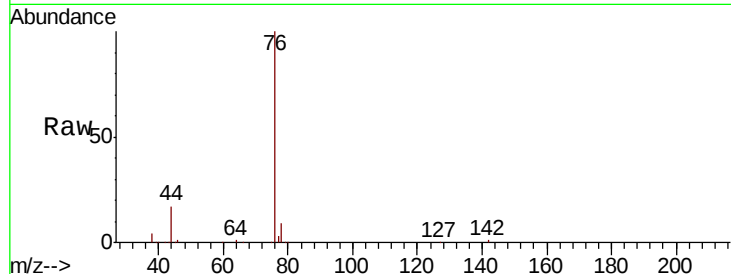




#17
Carbon Disulfide
Concen: 45.738 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

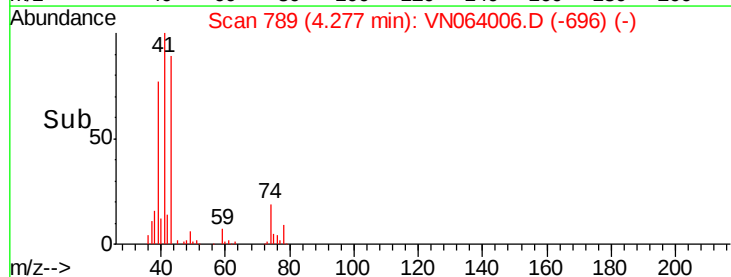
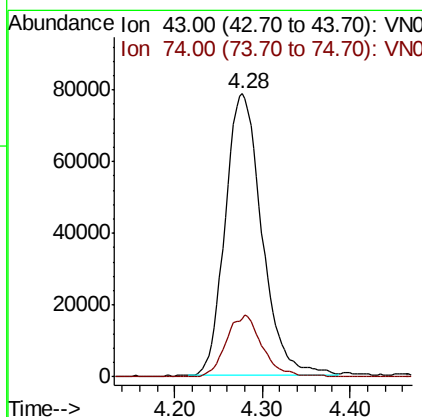
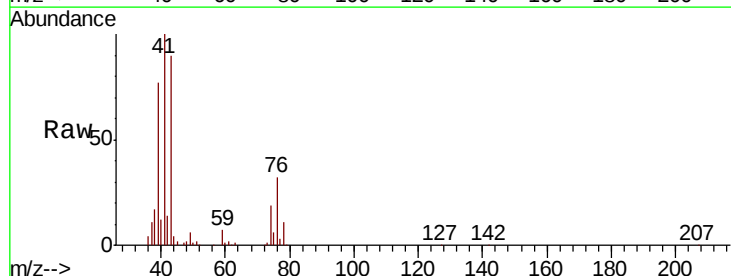
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

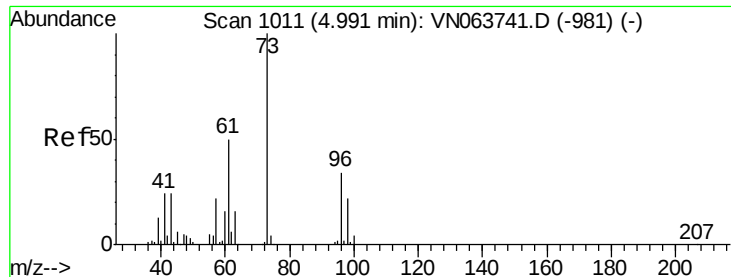
Tot Ion: 76 Resp: 333757
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 64.824 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion: 43 Resp: 229794
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.2

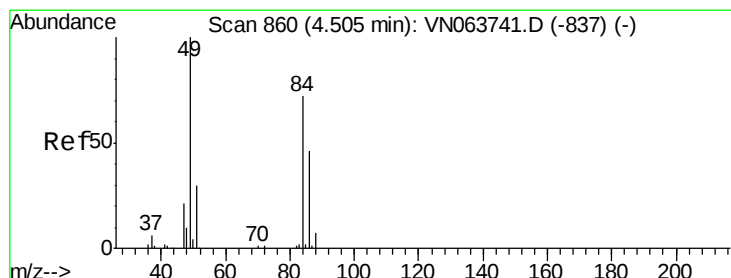
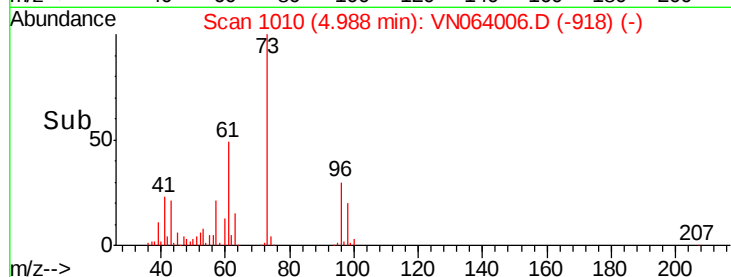
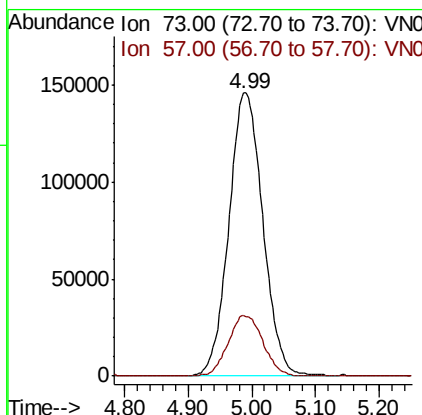
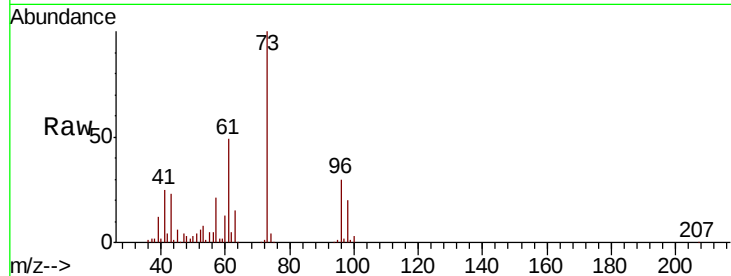




#19
Methyl tert-butyl Ether
Concen: 55.187 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

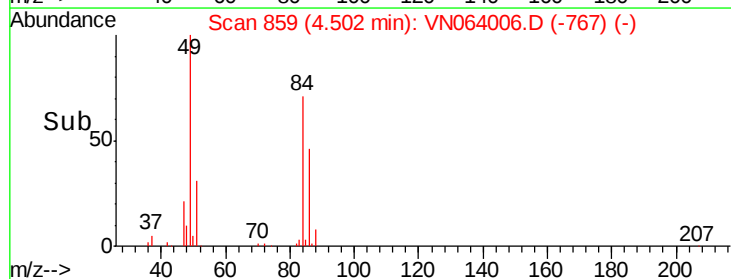
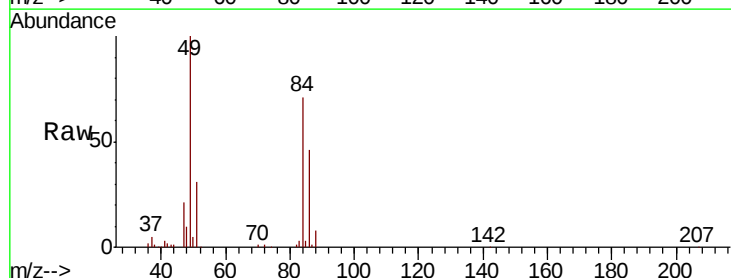
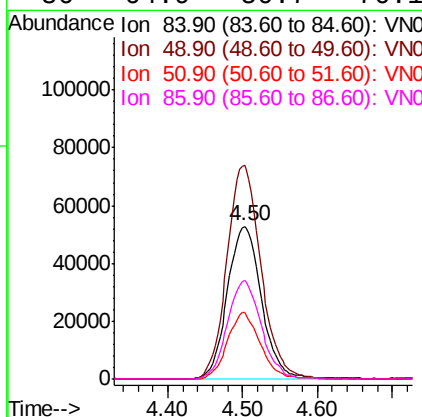
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

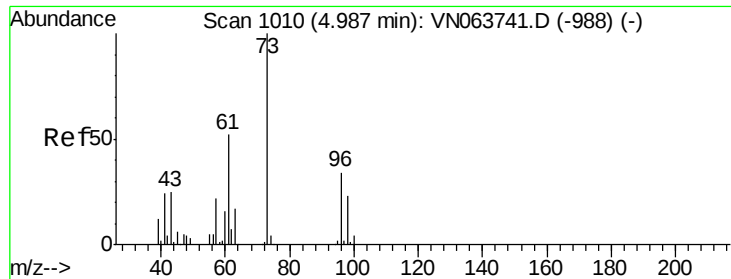
Tot Ion: 73 Resp: 542033
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4



#20
Methylene Chloride
Concen: 53.417 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion: 84 Resp: 167069
Ion Ratio Lower Upper
84 100
49 140.1 110.4 165.6
51 43.5 33.3 49.9
86 64.9 50.7 76.1

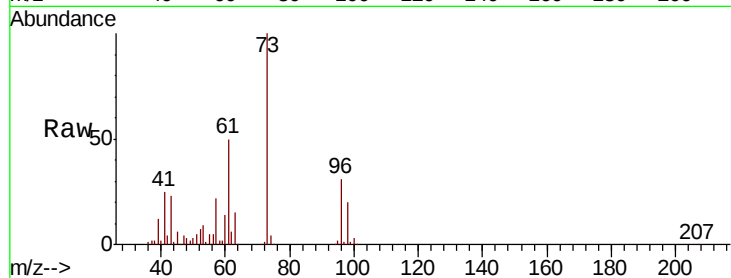




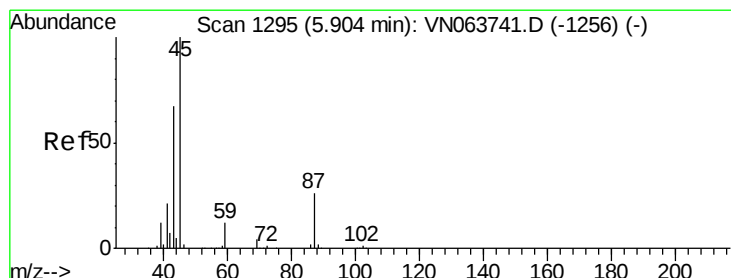
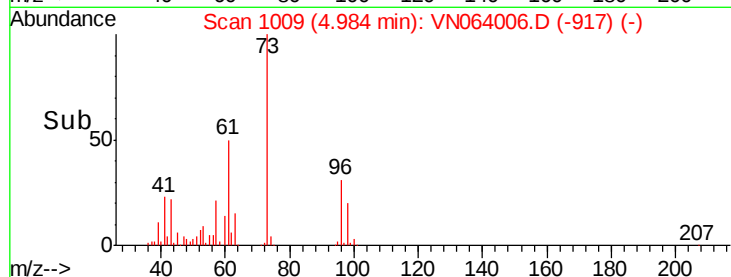
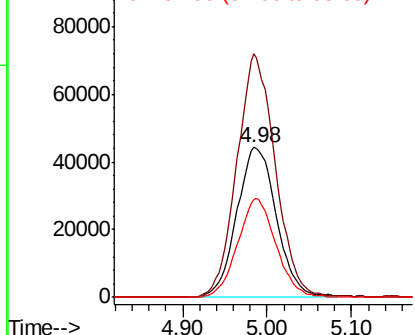
#21
trans-1,2-Dichloroethene
Concen: 48.056 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 145517
Ion Ratio Lower Upper
96 100
61 162.4 120.2 180.2
98 65.2 52.6 79.0

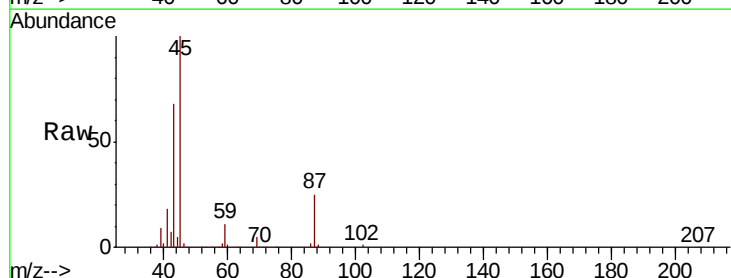


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

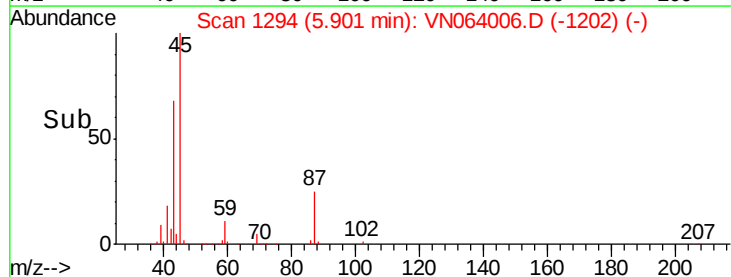
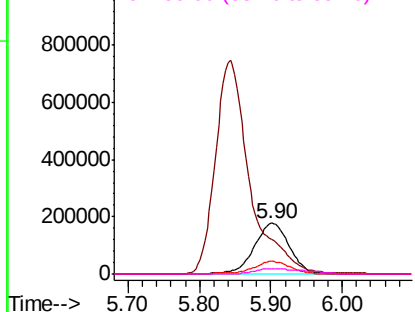


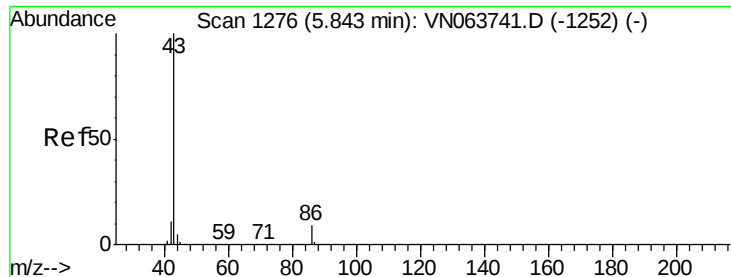
#22
Diisopropyl ether
Concen: 59.031 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion: 45 Resp: 609981
Ion Ratio Lower Upper
45 100
43 66.4 53.7 80.5
87 24.8 21.1 31.7
59 10.9 9.2 13.8



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: 293.345 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

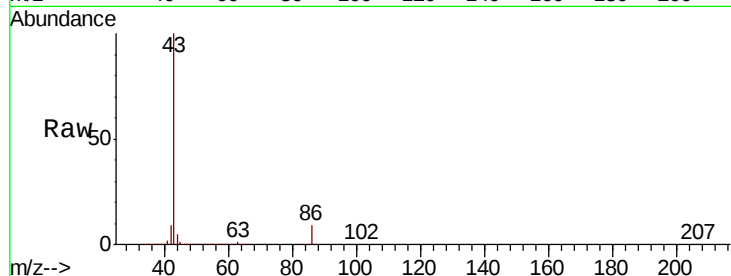
VSTDCCC050

Tot Ion: 43 Resp: 2510939

Ion Ratio Lower Upper

43 100

86 8.9 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

800000

600000

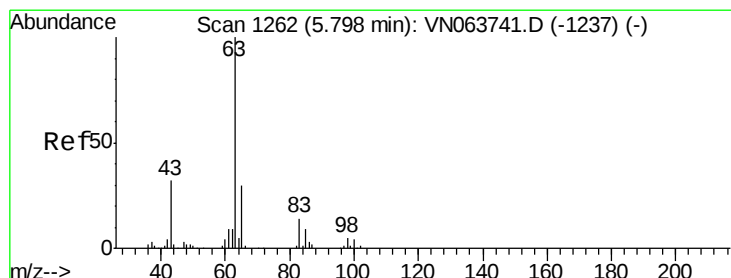
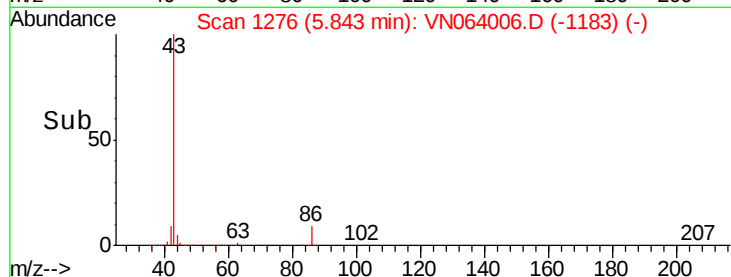
400000

200000

0

Time-->

5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 53.635 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

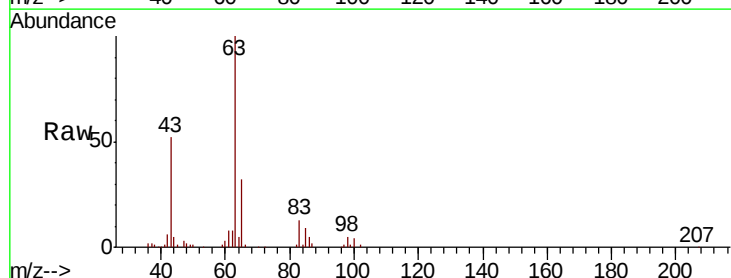
Tgt Ion: 63 Resp: 316894

Ion Ratio Lower Upper

63 100

98 5.3 2.7 8.1

100 3.7 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

120000

100000

80000

60000

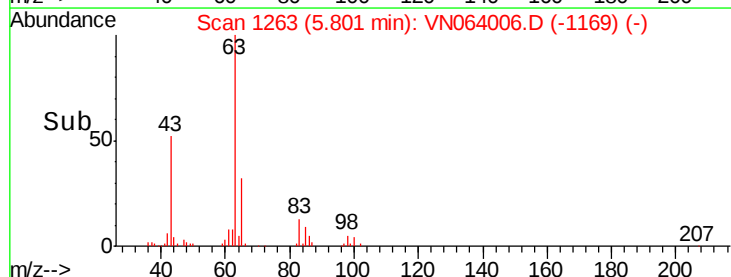
40000

20000

0

Time-->

5.70 5.80 5.90





#25

2-Butanone

Concen: 325.190 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

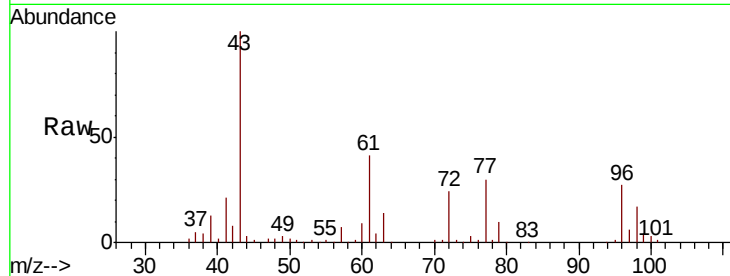
VSTDCCC050

Tot Ion: 43 Resp: 629465

Ion Ratio Lower Upper

43 100

72 23.8 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN063741.D (-1547) (-)

6.78

250000

200000

150000

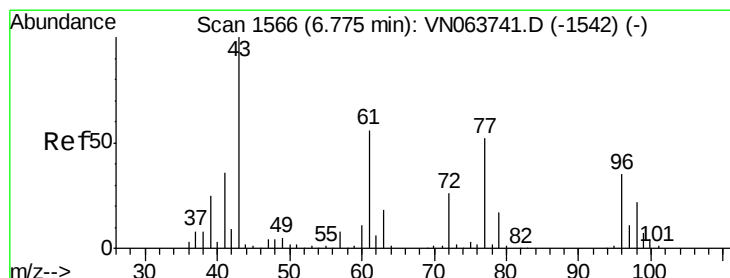
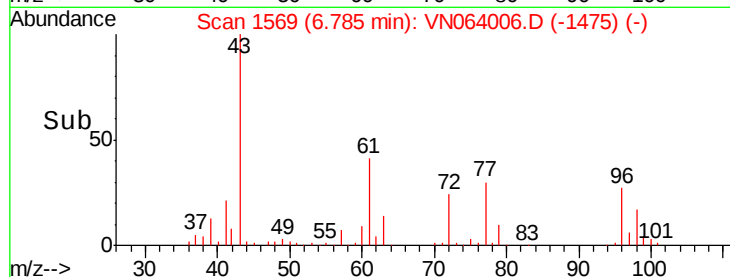
100000

50000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 43.096 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064006.D

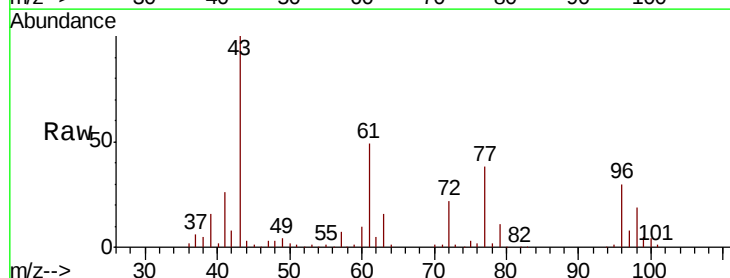
Acq: 8 Oct 2020 22:28

Tgt Ion: 77 Resp: 233178

Ion Ratio Lower Upper

77 100

97 21.6 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN063741.D (-1542) (-)

Ion 96.90 (96.60 to 97.60): VN063741.D (-1542) (-)

6.78

80000

60000

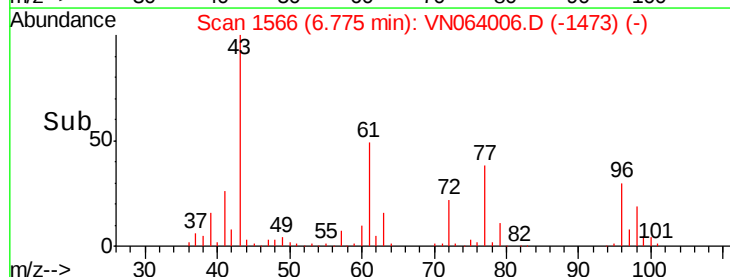
40000

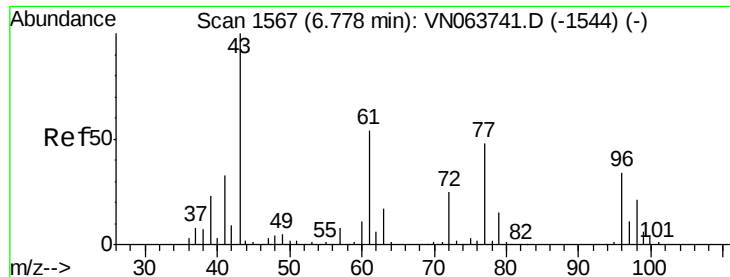
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.450 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

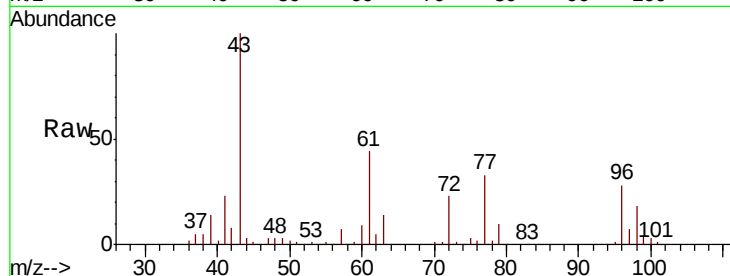
Tot Ion: 96 Resp: 179179

Ion Ratio Lower Upper

96 100

61 157.3 0.0 321.2

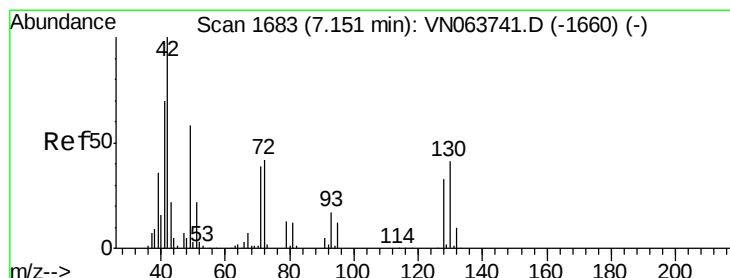
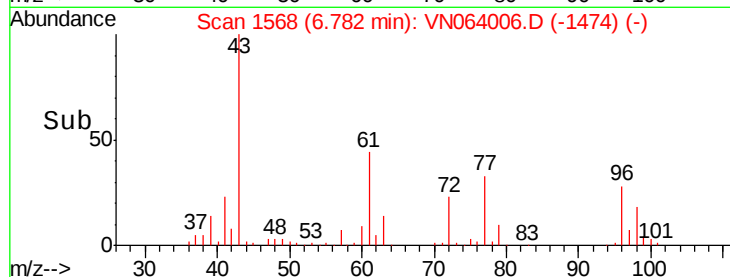
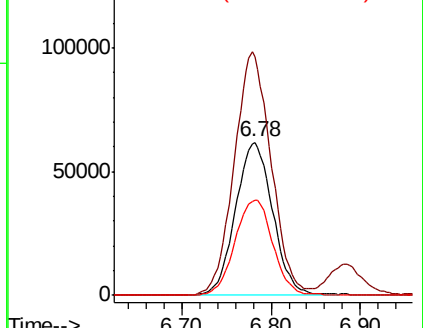
98 63.6 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN064006.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN064006.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN064006.D (-1544) (-)



#28

Bromochloromethane

Concen: 57.323 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

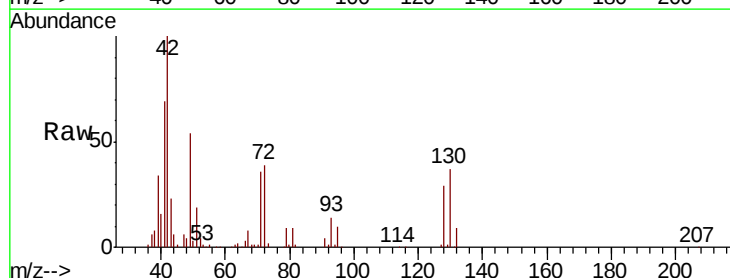
Tgt Ion: 49 Resp: 167393

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.8

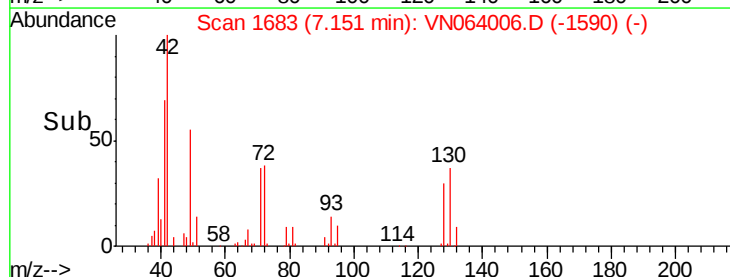
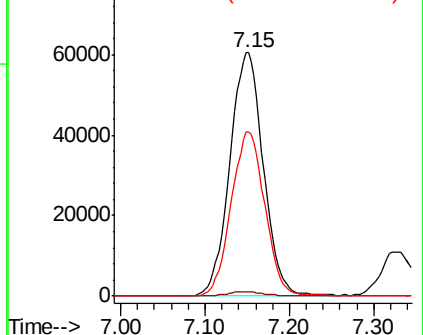
130 67.5 55.6 83.4

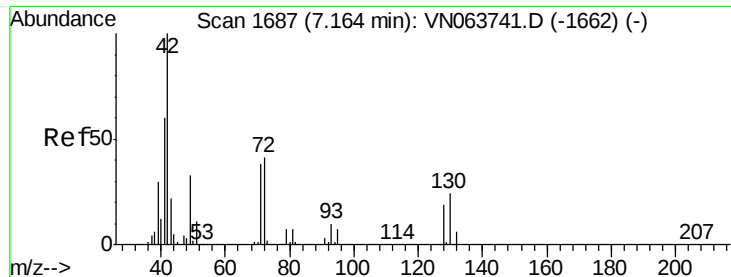


Abundance Ion 48.90 (48.60 to 49.60): VN064006.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064006.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064006.D (-1590) (-)

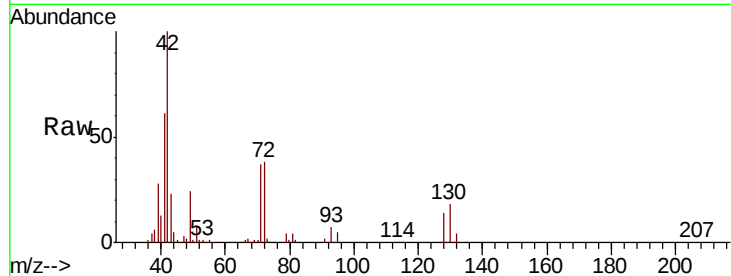




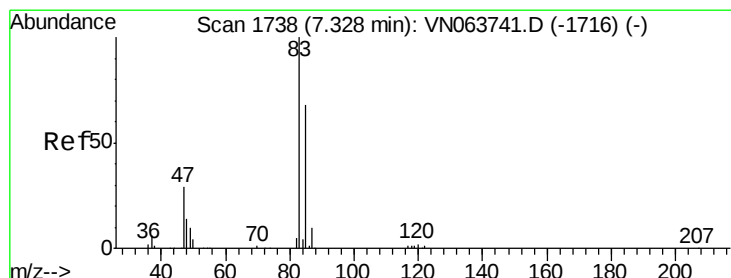
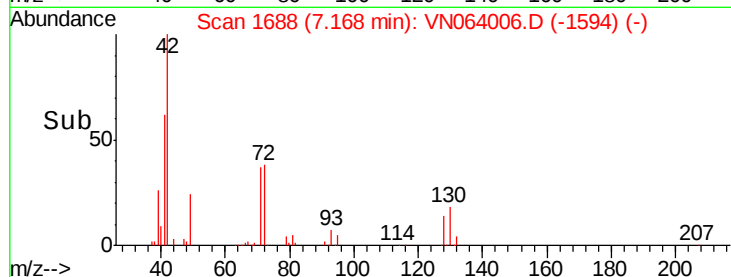
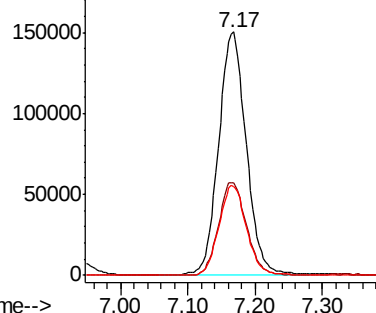
#29
Tetrahydrofuran
Concen: 331.946 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 430949
Ion Ratio Lower Upper
42 100
72 38.2 32.8 49.2
71 36.6 30.6 45.8

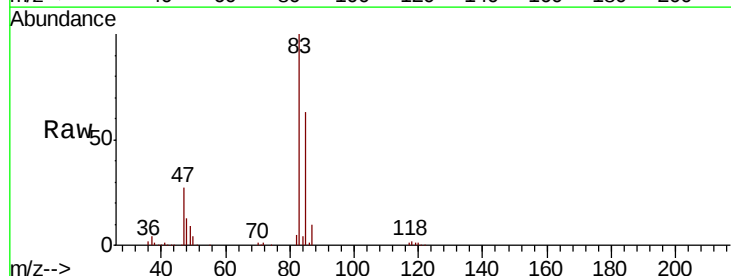


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

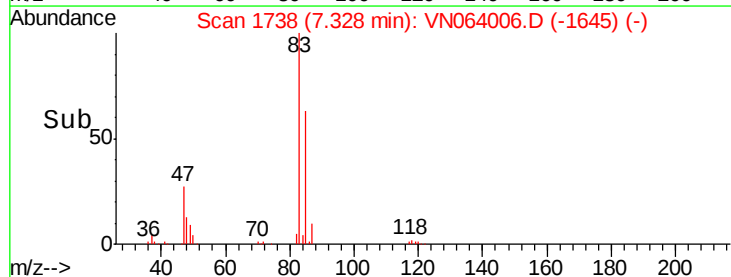
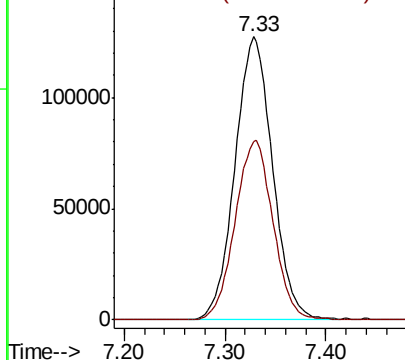


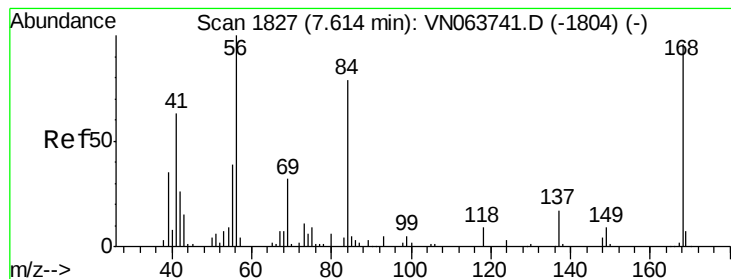
#30
Chloroform
Concen: 53.320 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion: 83 Resp: 328473
Ion Ratio Lower Upper
83 100
85 63.2 54.6 82.0



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





#31

Cyclohexane

Concen: 43.132 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

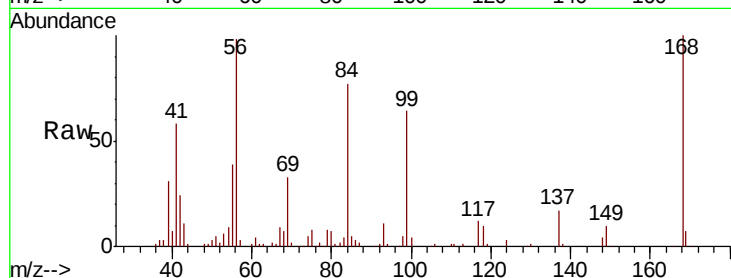
Tot Ion: 56 Resp: 222089

Ion Ratio Lower Upper

56 100

69 33.7 25.4 38.2

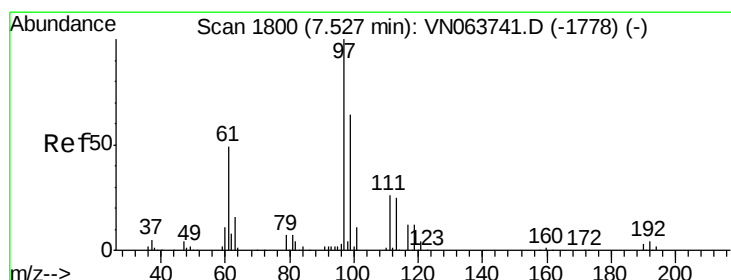
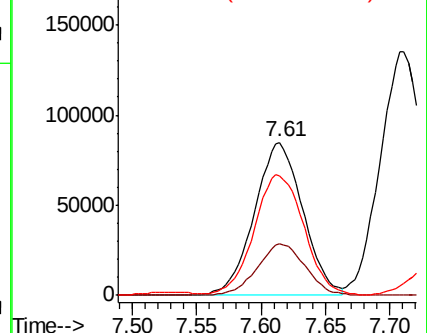
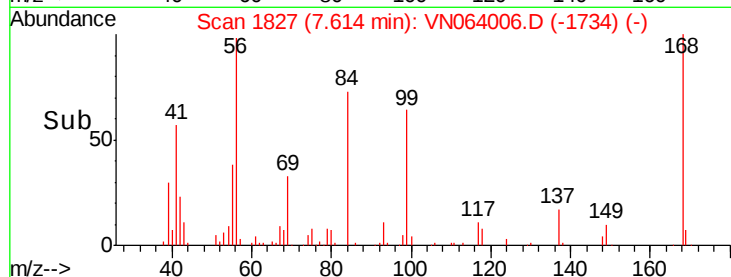
84 77.0 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN063741.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN063741.D (-1804) (-)



#32

1,1,1-Trichloroethane

Concen: 50.087 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

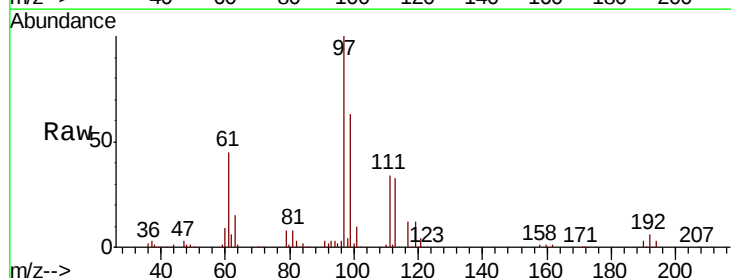
Tgt Ion: 97 Resp: 278315

Ion Ratio Lower Upper

97 100

99 63.2 51.0 76.6

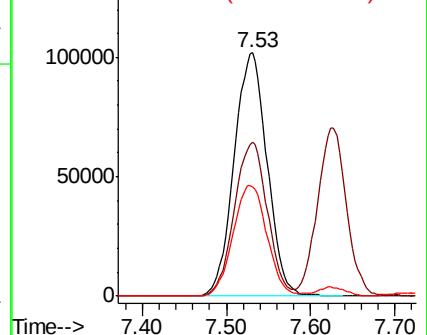
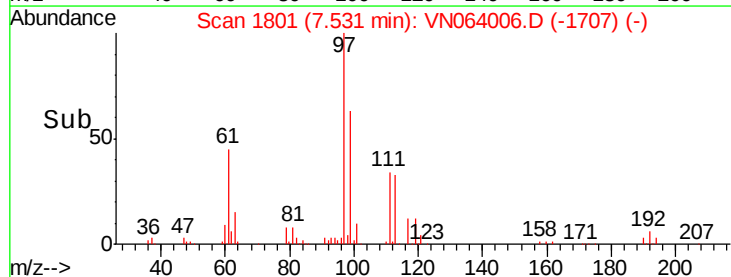
61 46.6 38.7 58.1

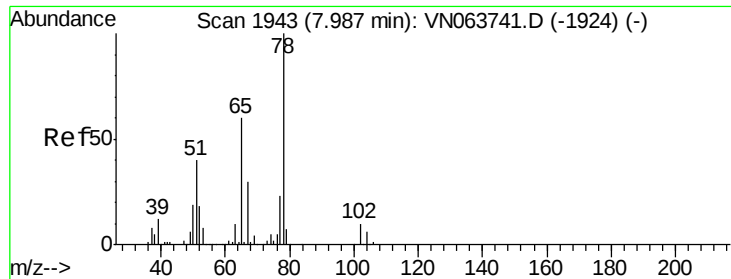


Abundance Ion 96.90 (96.60 to 97.60): VN063741.D (-1778) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1778) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1778) (-)

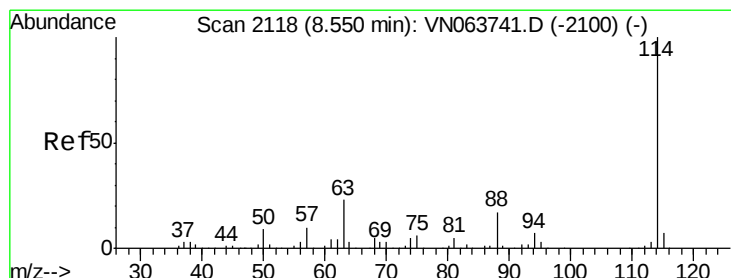
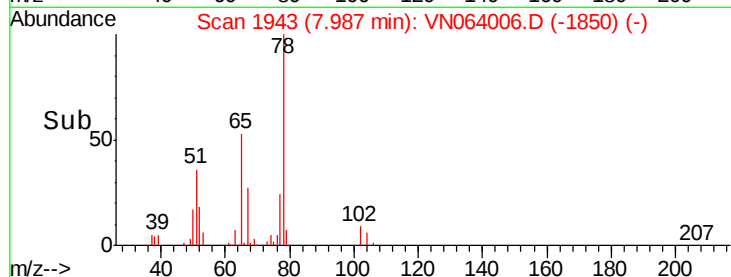
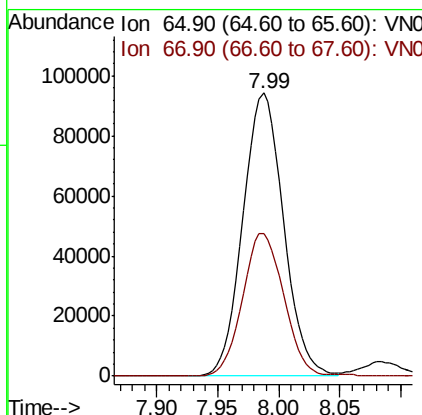
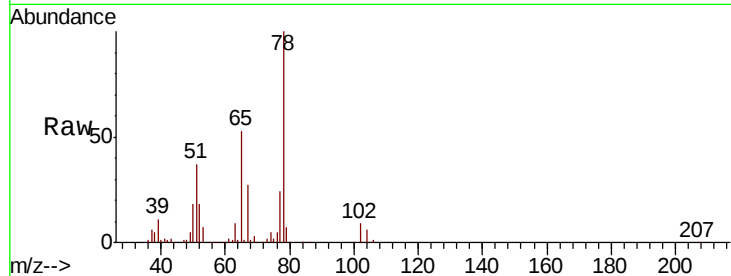




#33
 1,2-Dichloroethane-d4
 Concen: 49.060 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

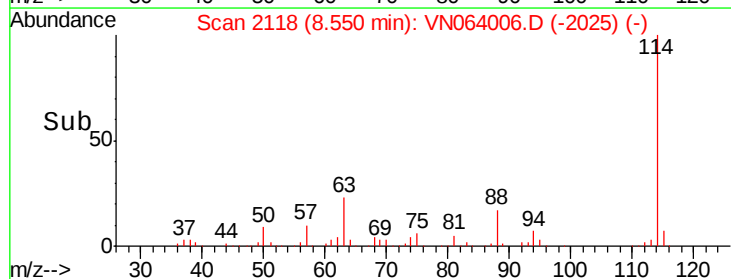
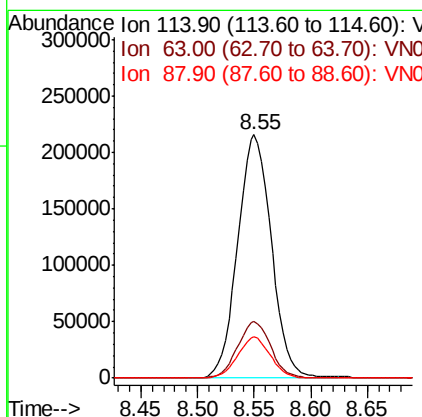
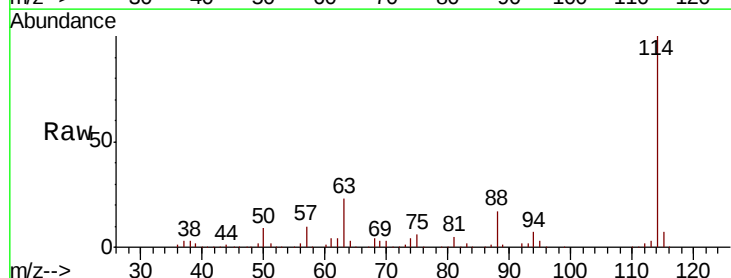
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 217593
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

Tgt Ion: 114 Resp: 447448
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.0
 88 17.0 0.0 34.0

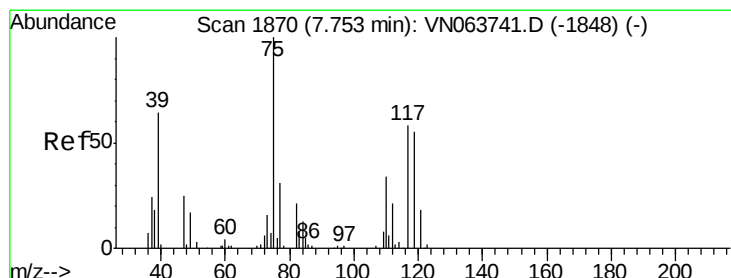
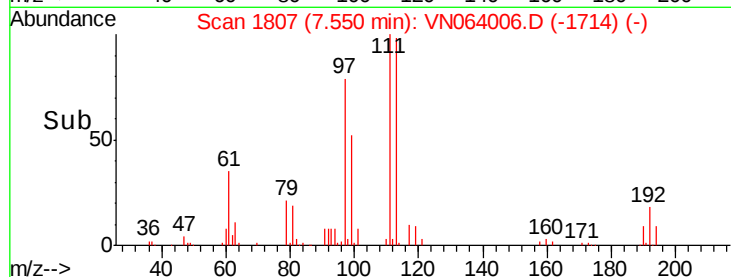
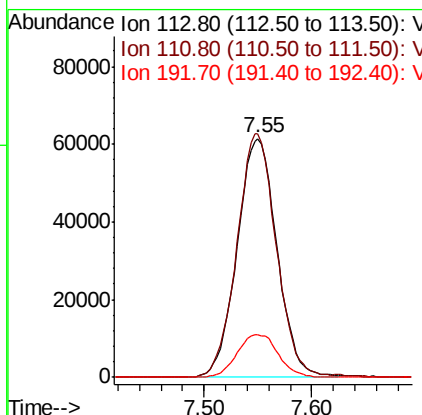
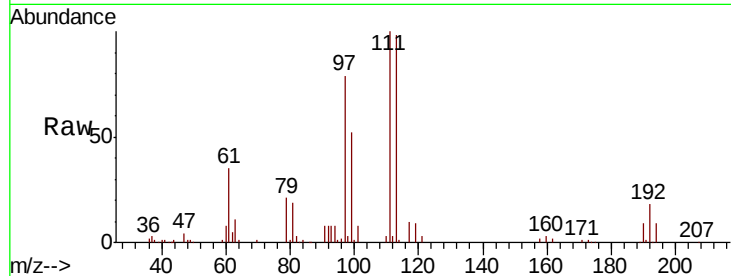




#35
 Dibromofluoromethane
 Concen: 50.837 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

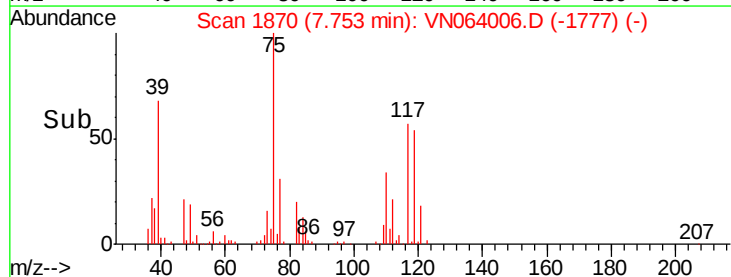
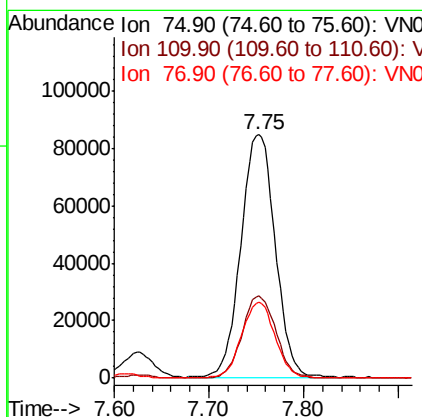
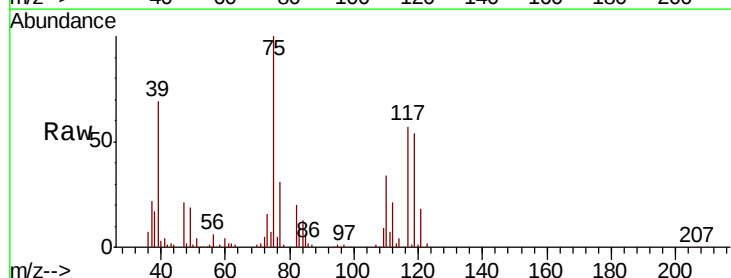
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

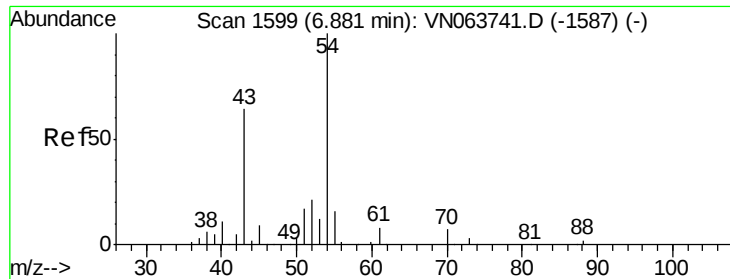
Tot Ion:113 Resp: 157836
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.8 122.8
 192 18.5 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 47.156 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

Tgt Ion: 75 Resp: 213764
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.9 50.6
 77 30.8 24.5 36.7

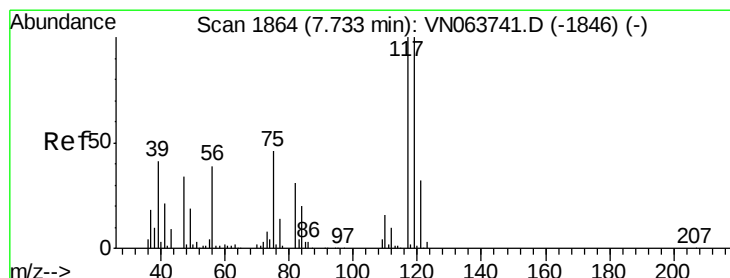
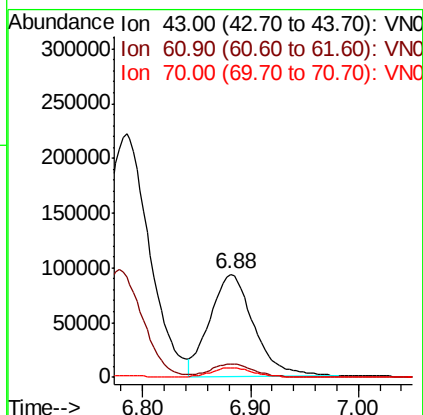
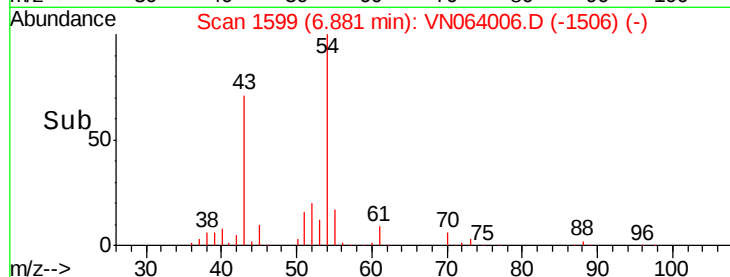
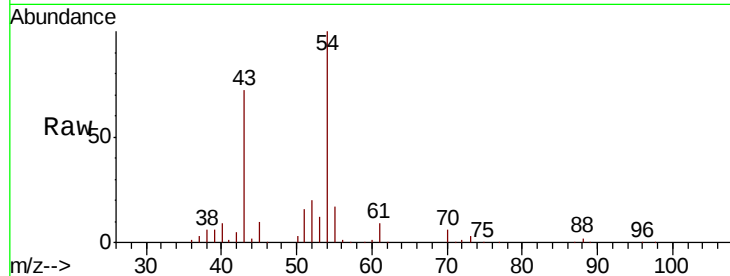




#37
Ethyl Acetate
Concen: 58.241 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

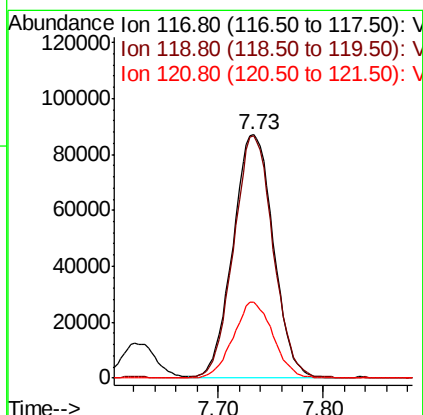
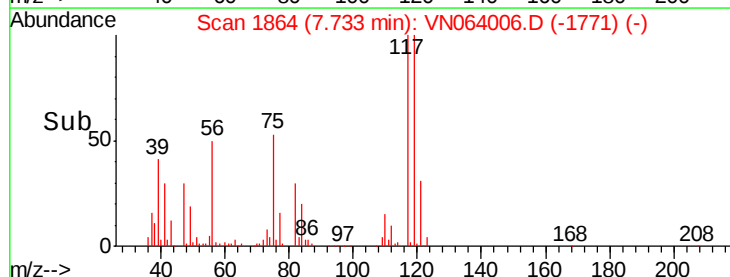
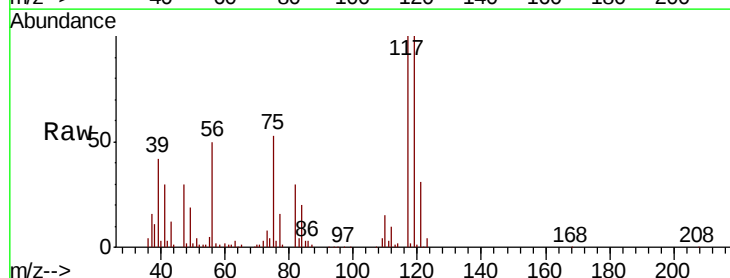
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

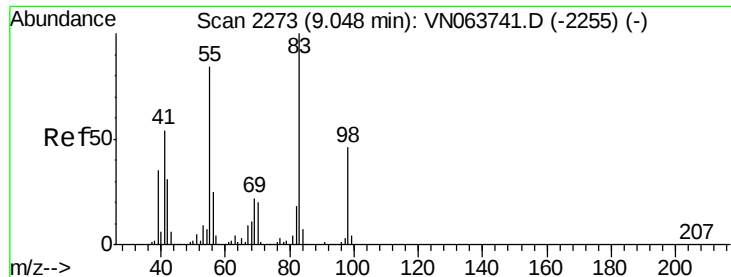
Tot Ion: 43 Resp: 262301
Ion Ratio Lower Upper
43 100
61 12.4 10.4 15.6
70 9.4 7.3 10.9



#38
Carbon Tetrachloride
Concen: 45.440 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion: 117 Resp: 230977
Ion Ratio Lower Upper
117 100
119 99.7 80.1 120.1
121 31.5 25.7 38.5

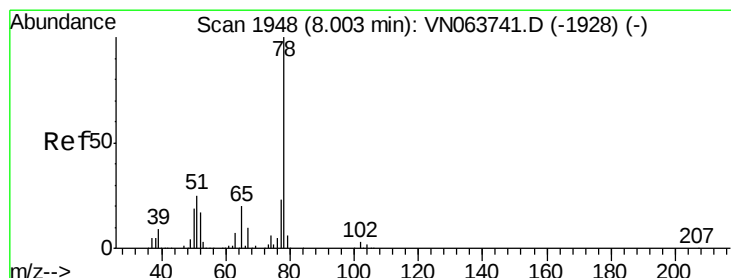
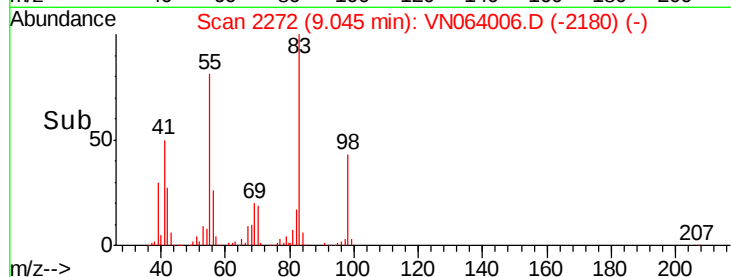
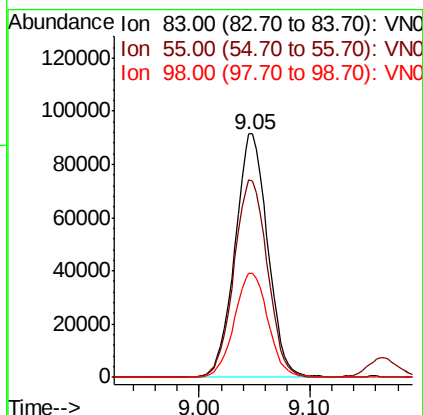
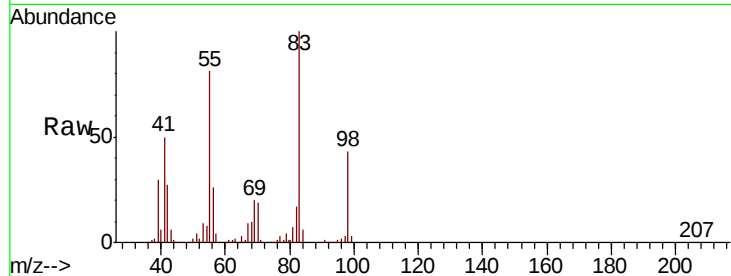




#39
Methvlcvclohexane
Concen: 41.520 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

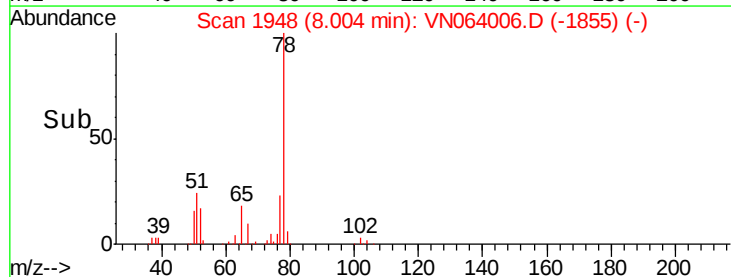
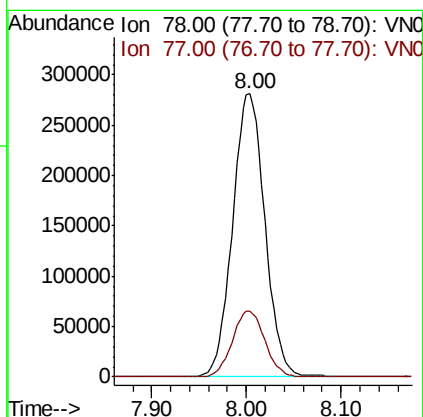
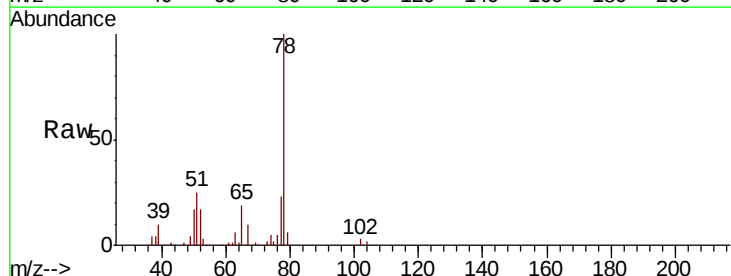
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

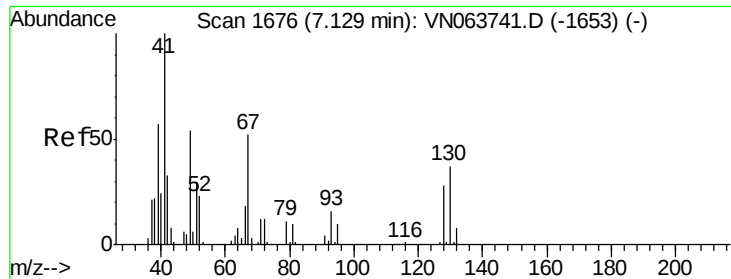
Tot Ion: 83 Resp: 187694
Ion Ratio Lower Upper
83 100
55 81.1 67.1 100.7
98 42.9 36.6 54.8



#40
Benzene
Concen: 51.547 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion: 78 Resp: 667410
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1

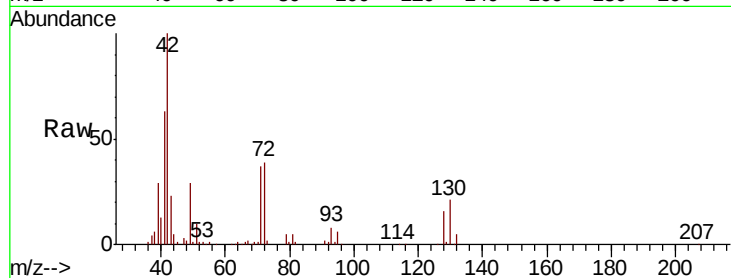




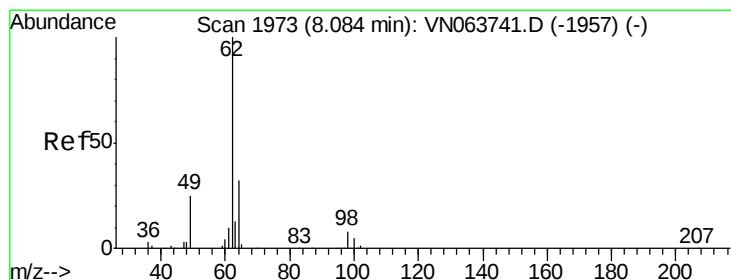
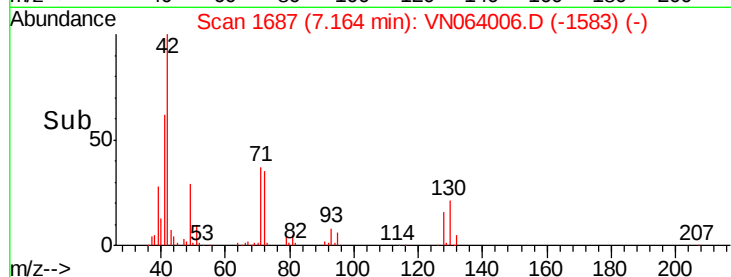
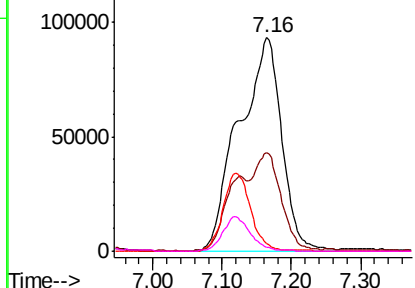
#41
Methacrylonitrile
Concen: 198.404 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	397129
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#

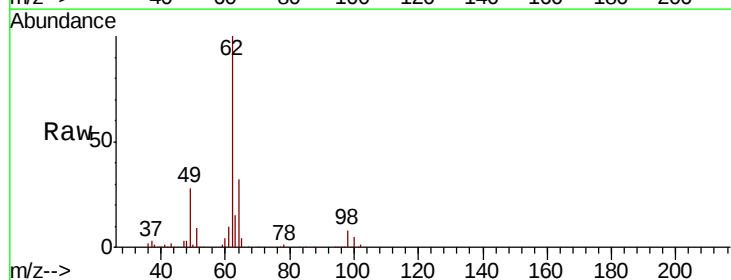


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

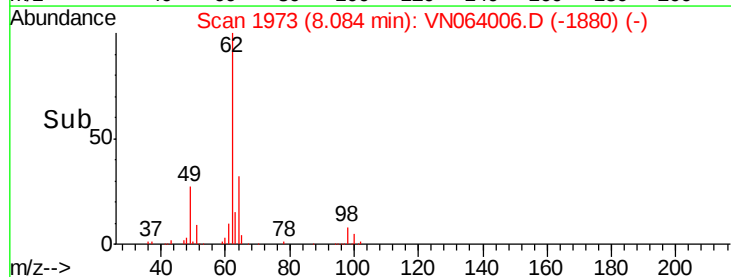
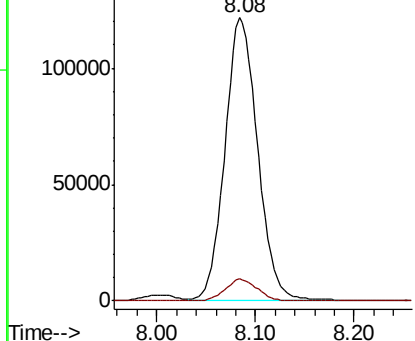


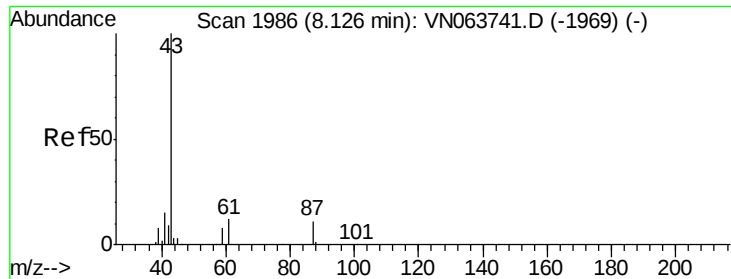
#42
1,2-Dichloroethane
Concen: 50.693 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion:	62	Resp:	280172
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.0



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





#43

Isopropyl Acetate

Concen: 58.634 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

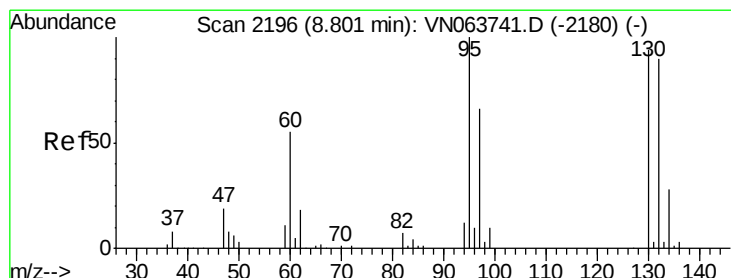
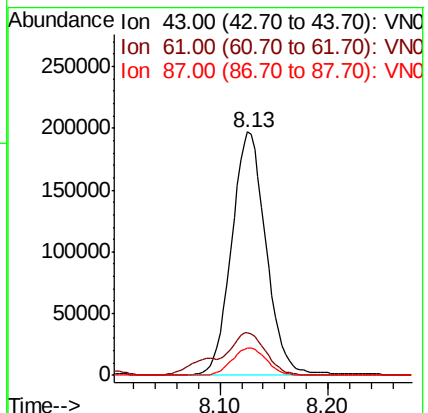
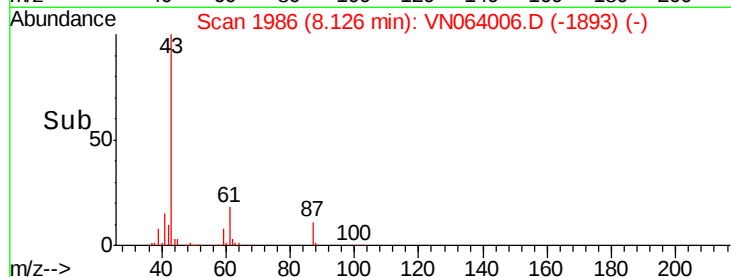
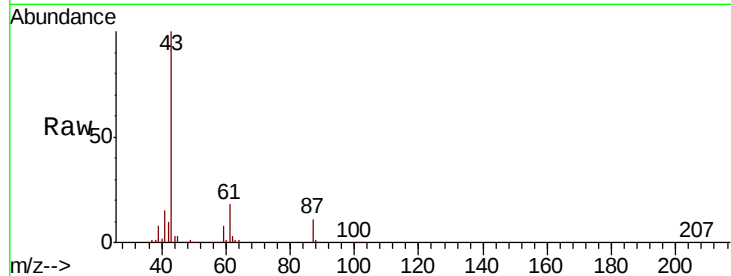
Tot Ion: 43 Resp: 435571

Ion Ratio Lower Upper

43 100

61 17.6 14.2 21.4

87 11.4 9.0 13.6



#44

Trichloroethene

Concen: 47.359 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064006.D

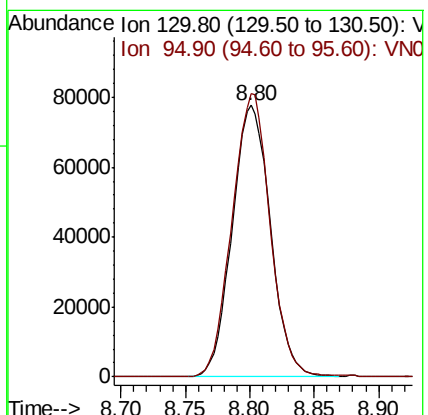
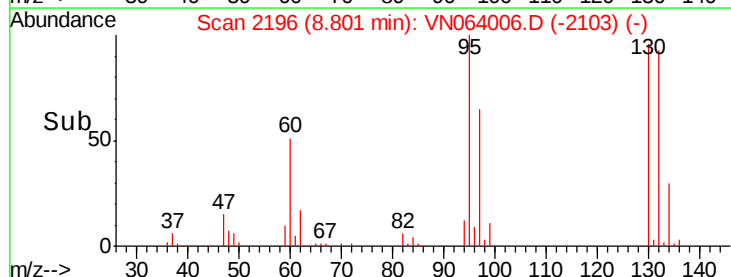
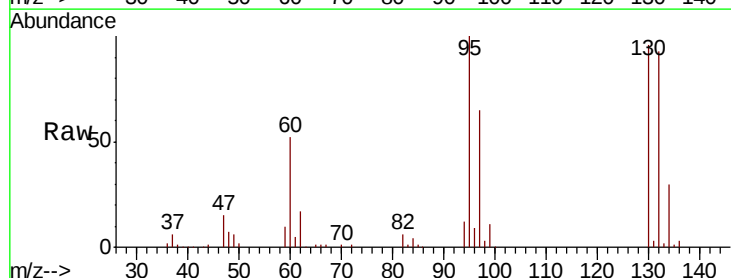
Acq: 8 Oct 2020 22:28

Tgt Ion:130 Resp: 160662

Ion Ratio Lower Upper

130 100

95 104.0 0.0 213.6

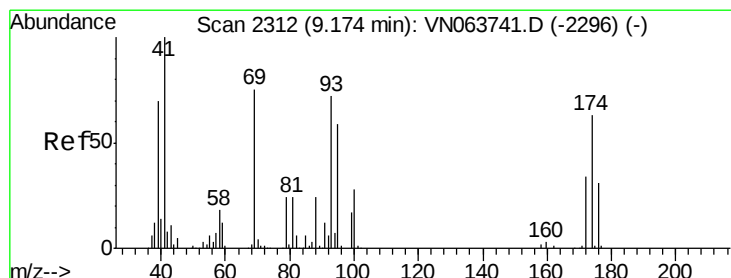
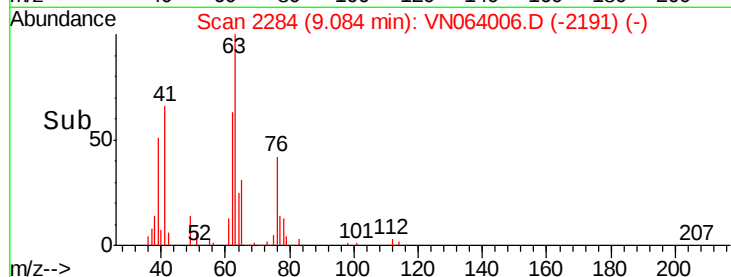
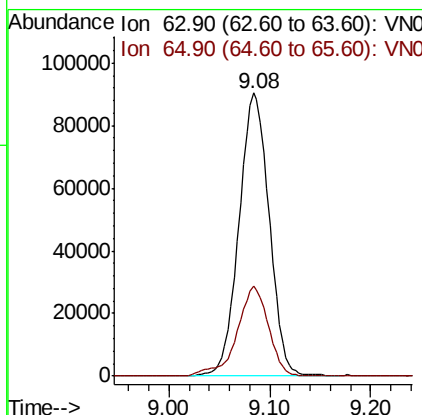
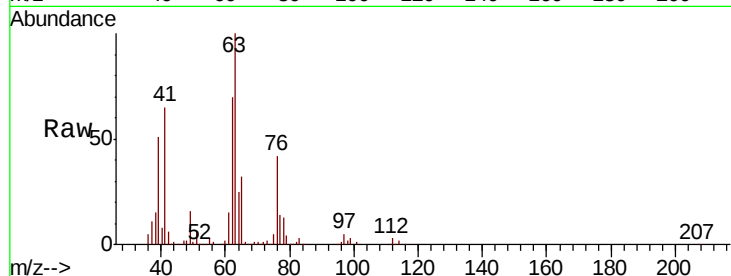




#45
 1,2-Dichloropropane
 Concen: 53.646 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

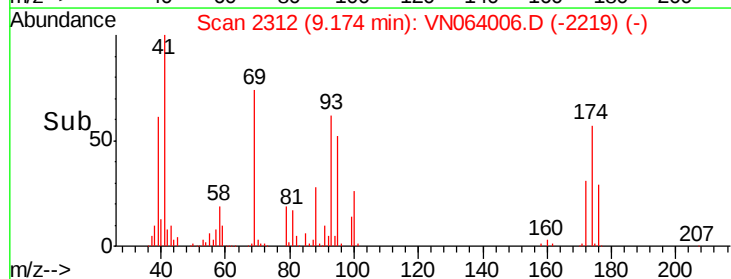
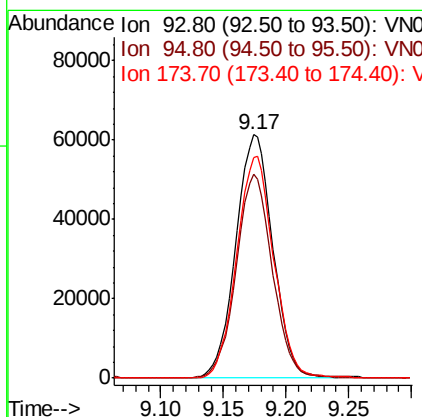
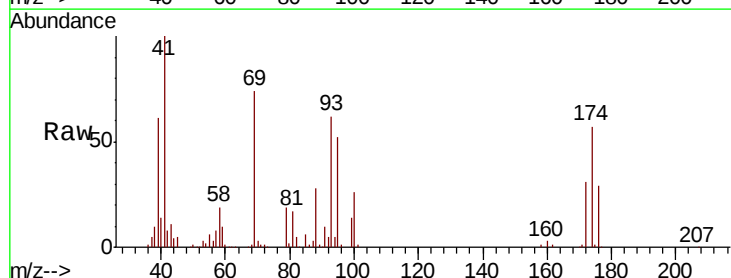
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

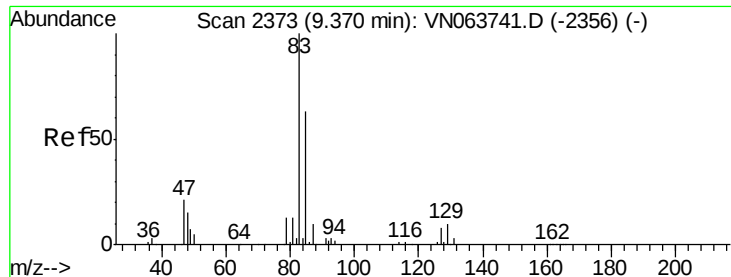
Tot Ion: 63 Resp: 187587
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.7 37.1



#46
 Dibromomethane
 Concen: 52.362 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

Tgt Ion: 93 Resp: 126310
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.3 99.5
 174 91.2 72.7 109.1

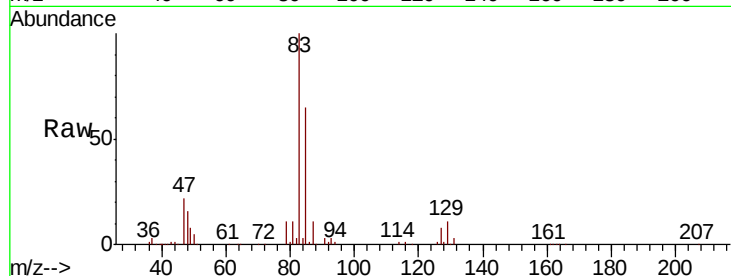




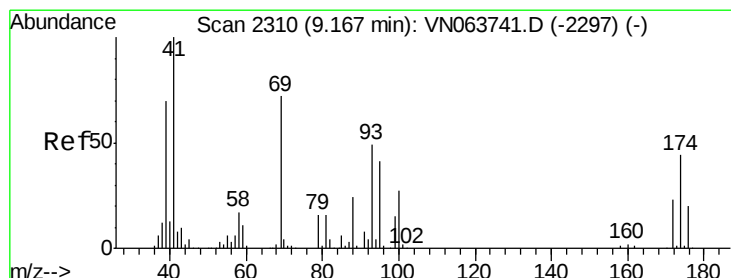
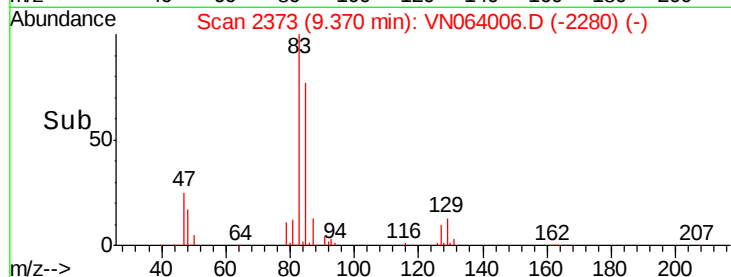
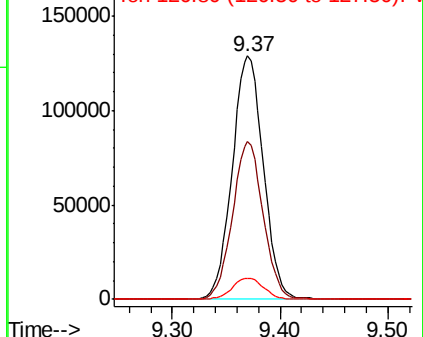
#47
 Bromodichloromethane
 Concen: 52.194 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 83 Resp: 259482
 Ion Ratio Lower Upper
 83 100
 85 65.1 50.6 75.8
 127 8.5 6.6 9.8

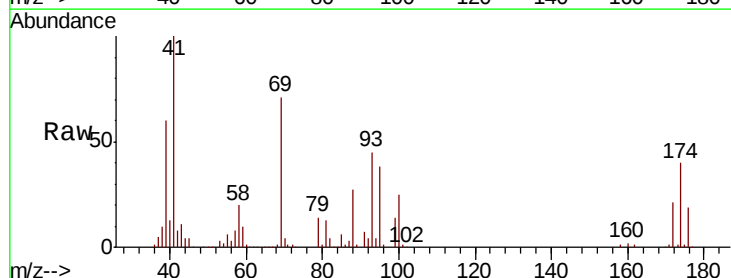


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): VN0

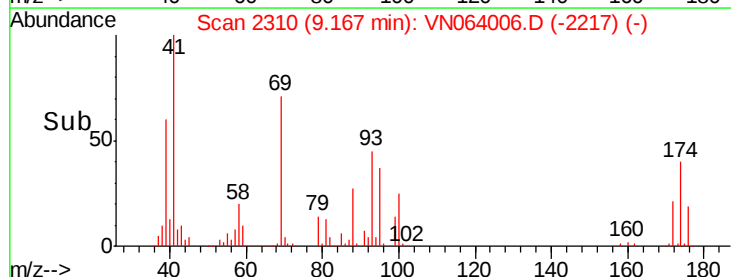
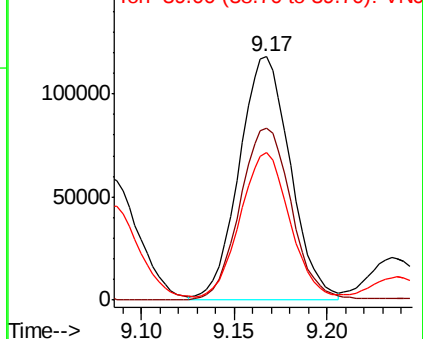


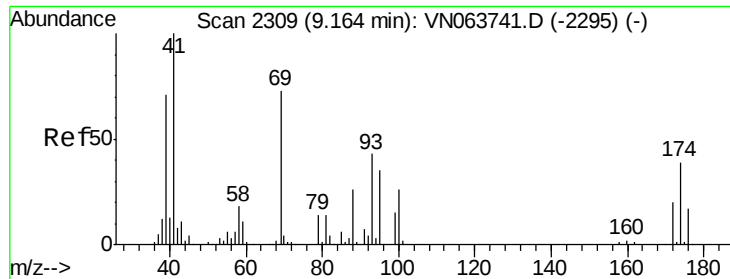
#48
 Methyl methacrylate
 Concen: 61.632 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

Tgt Ion: 41 Resp: 226201
 Ion Ratio Lower Upper
 41 100
 69 71.7 60.9 91.3
 39 58.7 57.5 86.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1283.756 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

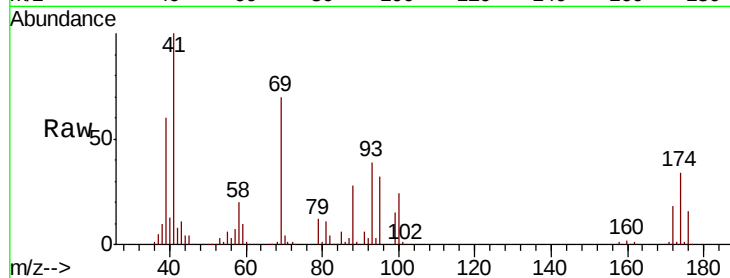
Tot Ion: 88 Resp: 66963

Ion Ratio Lower Upper

88 100

43 39.4 33.1 49.7

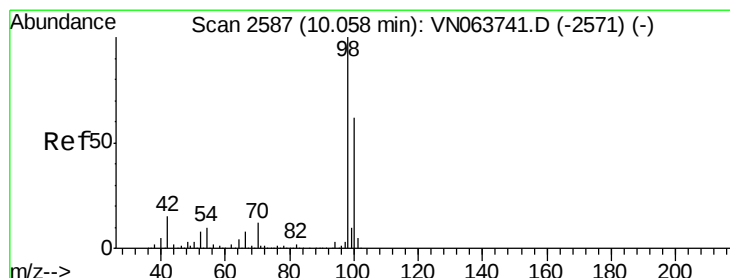
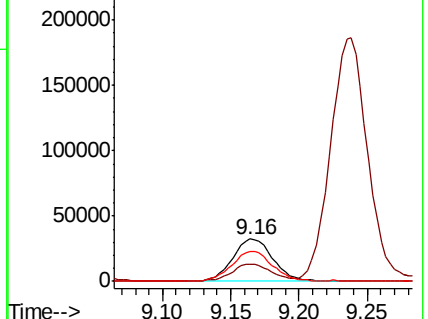
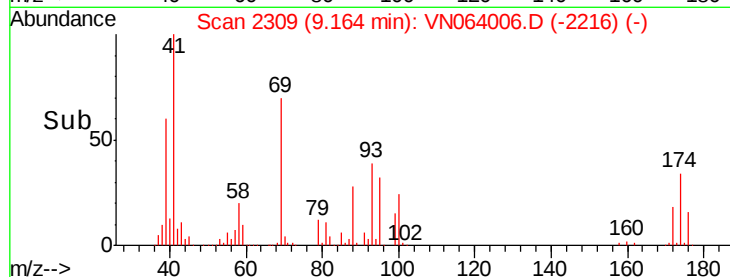
58 70.9 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN064006.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN064006.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN064006.D (-2216) (-)



#50

Toluene-d8

Concen: 47.428 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064006.D

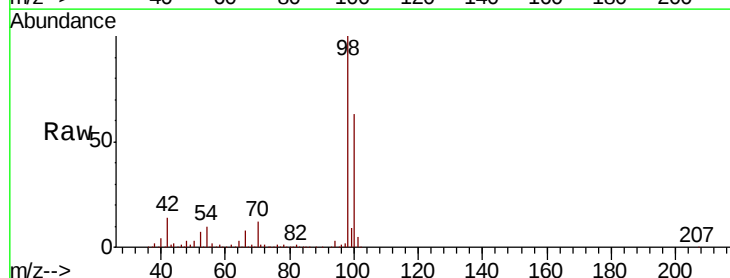
Acq: 8 Oct 2020 22:28

Tgt Ion: 98 Resp: 558217

Ion Ratio Lower Upper

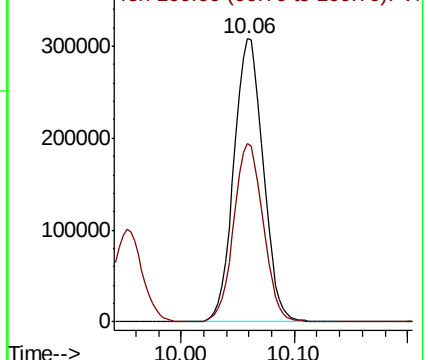
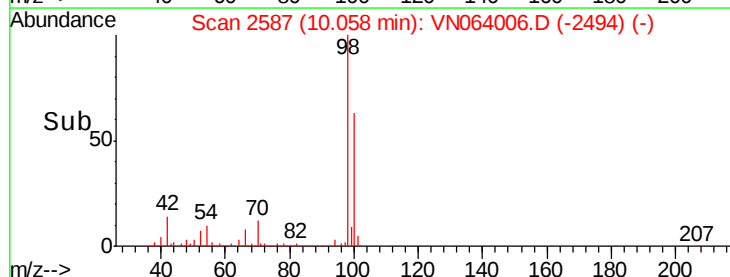
98 100

100 63.3 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN064006.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064006.D (-2494) (-)

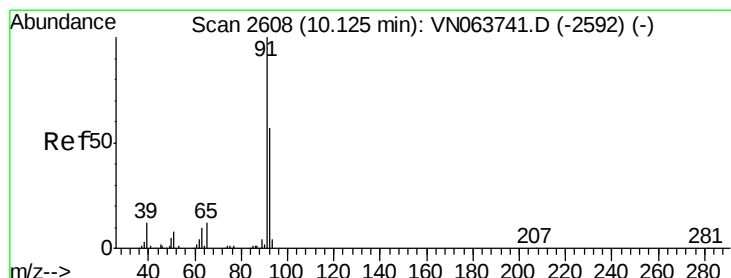
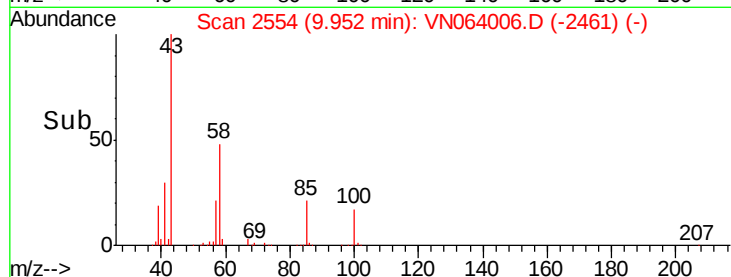
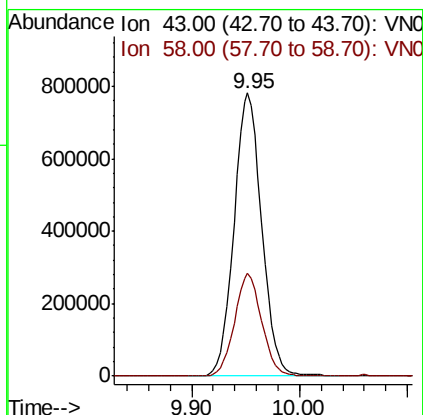
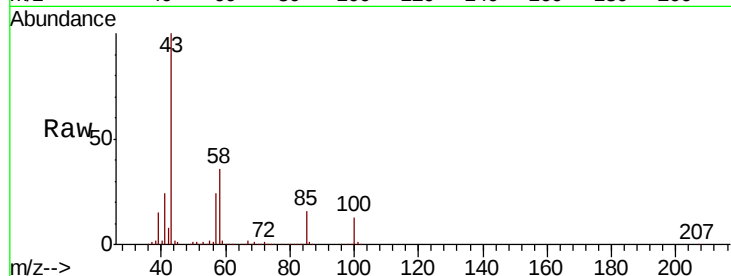




#51
 4-Methyl-2-Pentanone
 Concen: 319.683 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

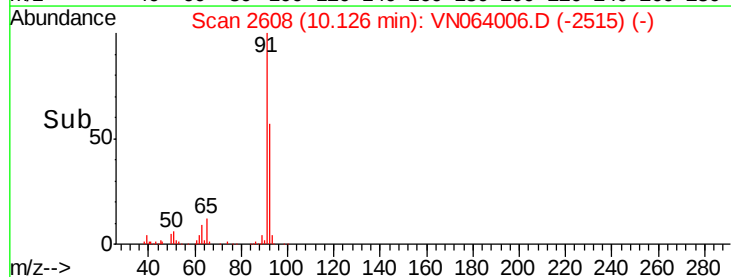
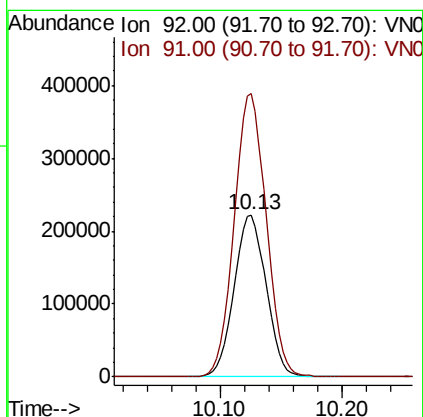
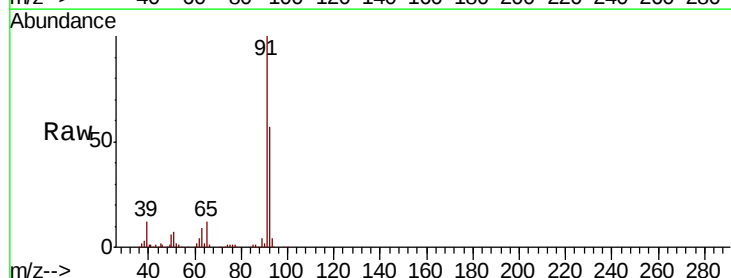
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

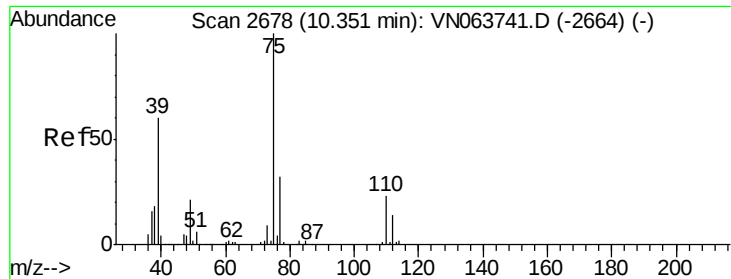
Tot Ion: 43 Resp: 1393645
 Ion Ratio Lower Upper
 43 100
 58 35.7 28.4 42.6



#52
 Toluene
 Concen: 50.514 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

Tgt Ion: 92 Resp: 404542
 Ion Ratio Lower Upper
 92 100
 91 175.0 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 52.210 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

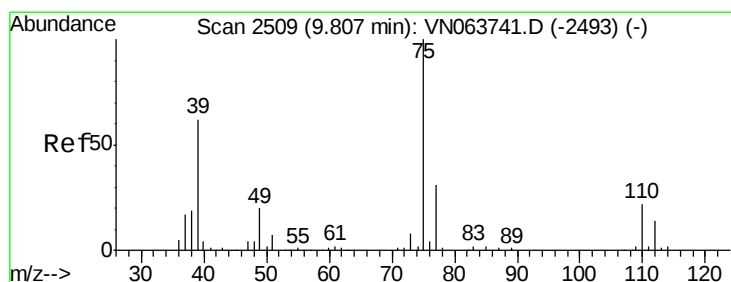
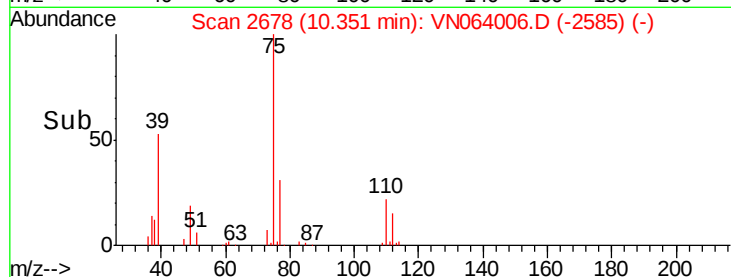
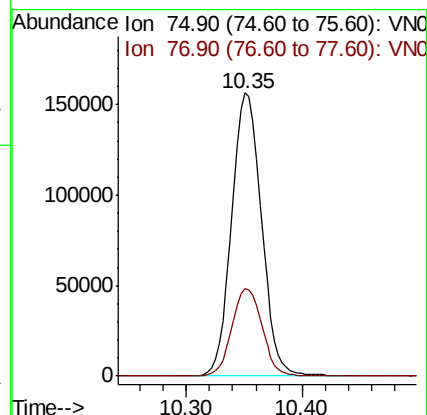
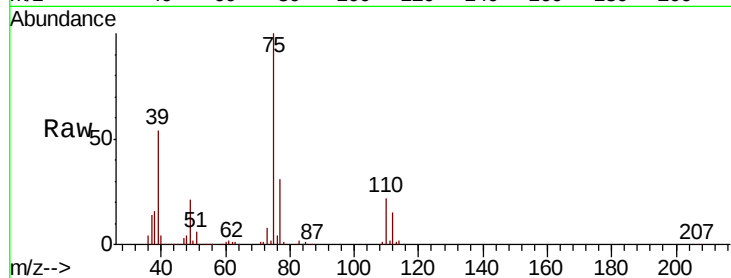
VSTDCCC050

Tot Ion: 75 Resp: 278231

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 52.151 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

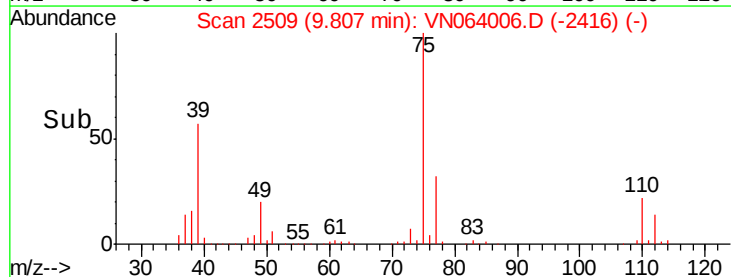
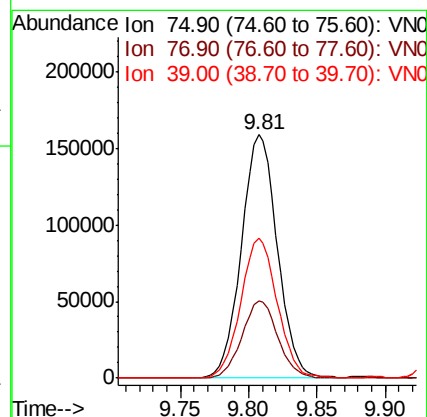
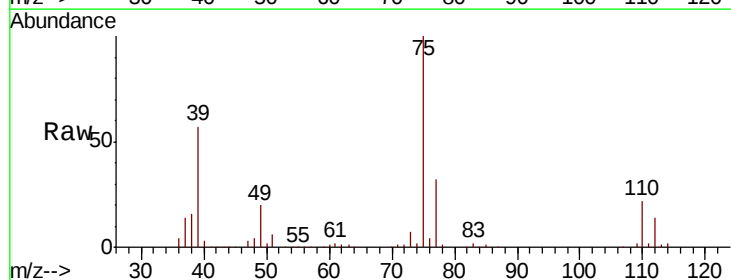
Tgt Ion: 75 Resp: 290655

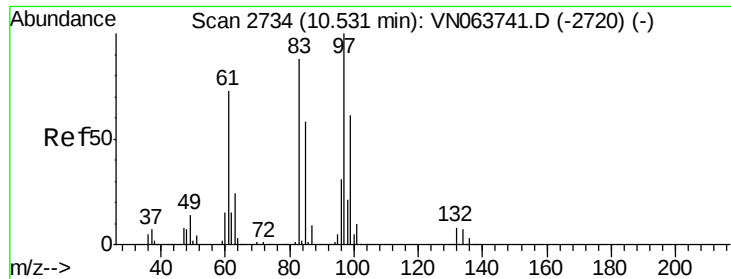
Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

39 57.1 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 54.233 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 174181

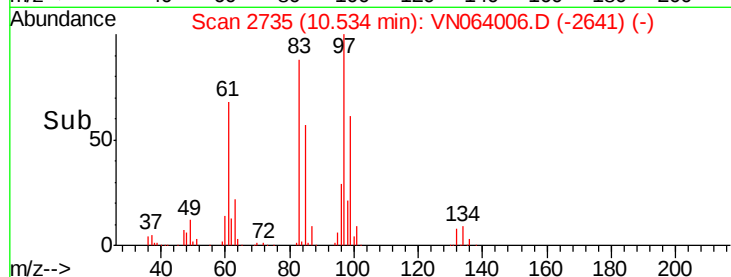
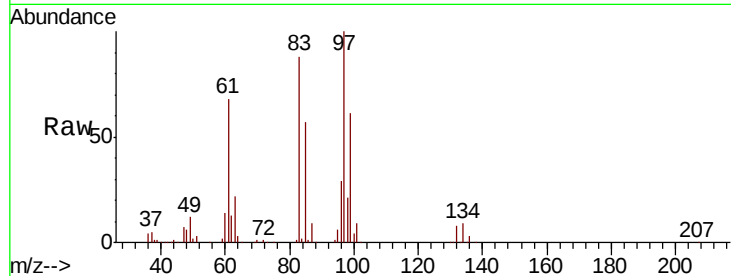
Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.7	106.1
85	56.9	46.1	69.1
99	60.8	48.8	73.2

97 100

83 87.8 70.7 106.1

85 56.9 46.1 69.1

99 60.8 48.8 73.2

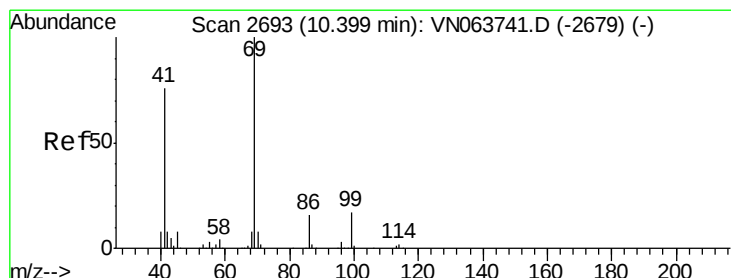
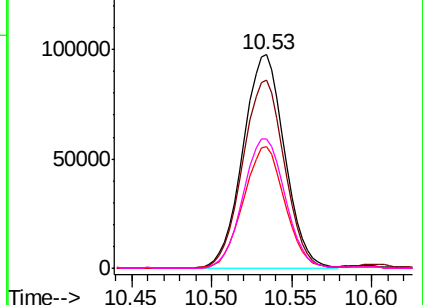


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 59.438 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

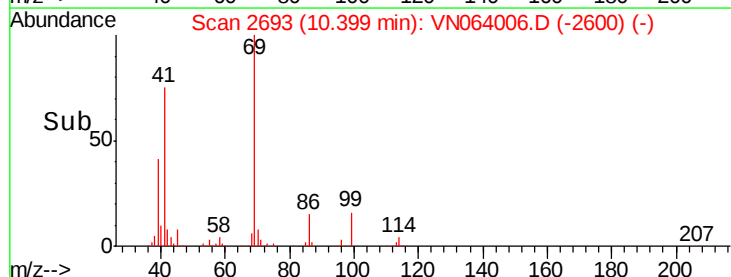
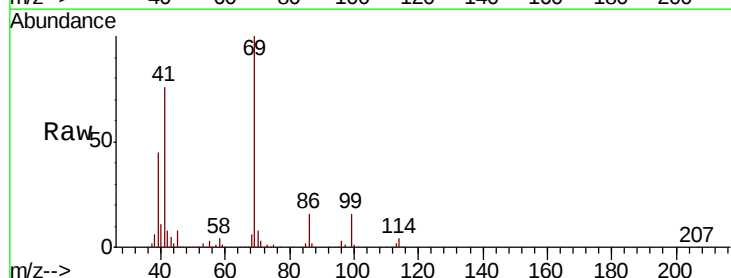
Tgt Ion: 69 Resp: 270588

Ion	Ratio	Lower	Upper
69	100		
41	75.1	61.1	91.7
39	43.1	42.2	63.4

69 100

41 75.1 61.1 91.7

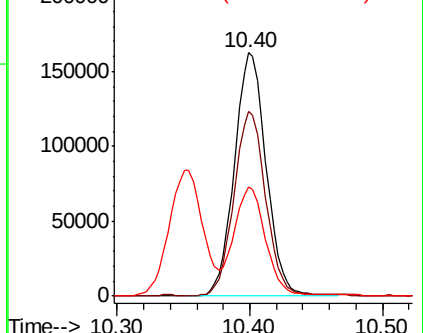
39 43.1 42.2 63.4

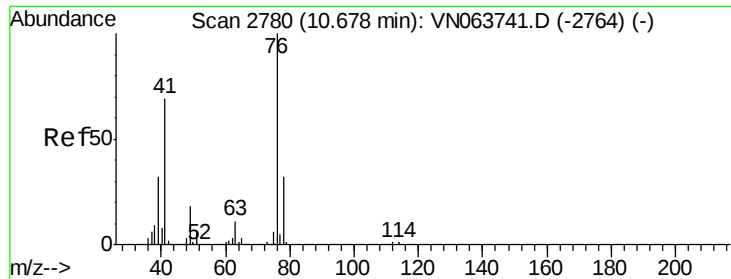


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

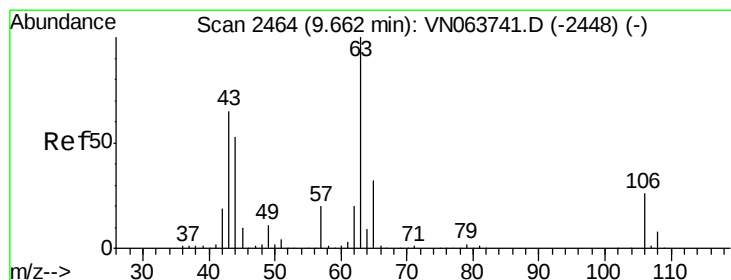
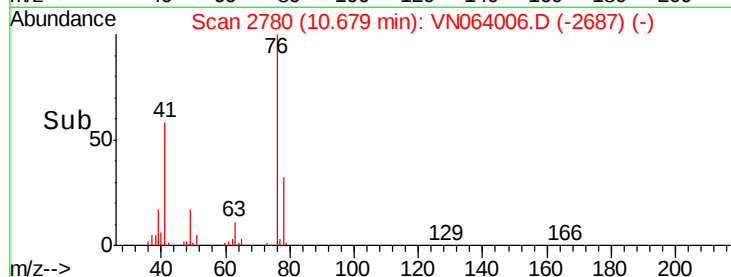
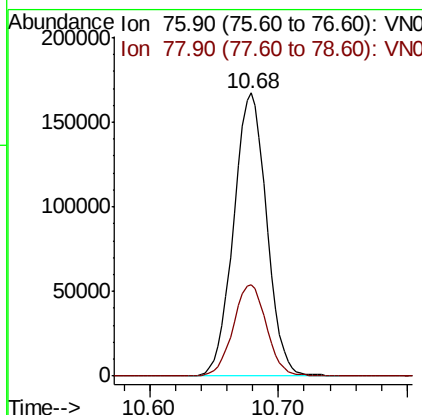
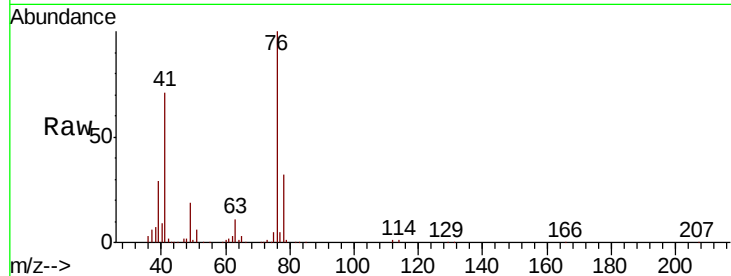




#57
 1,3-Dichloropropane
 Concen: 54.729 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

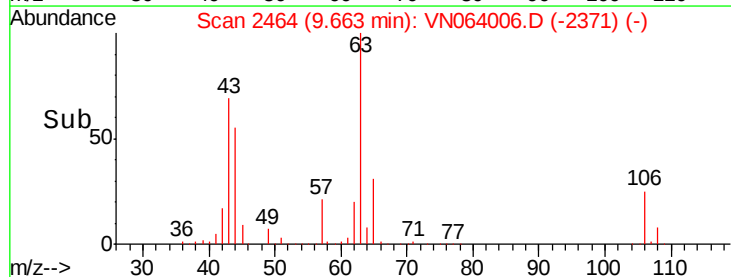
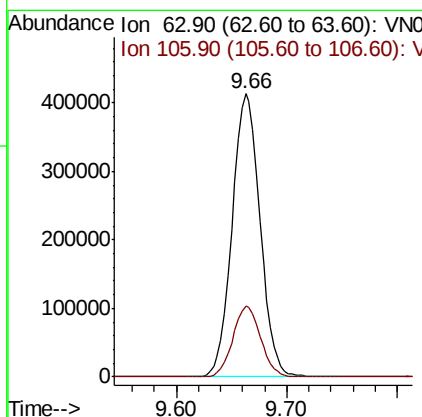
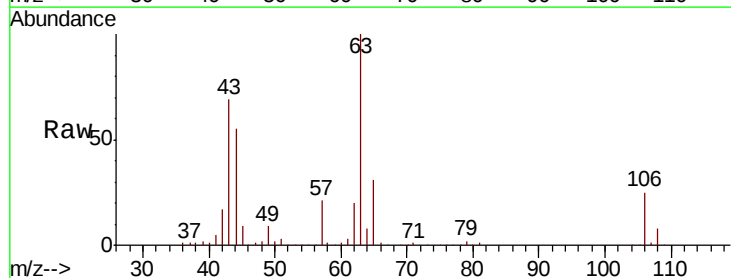
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

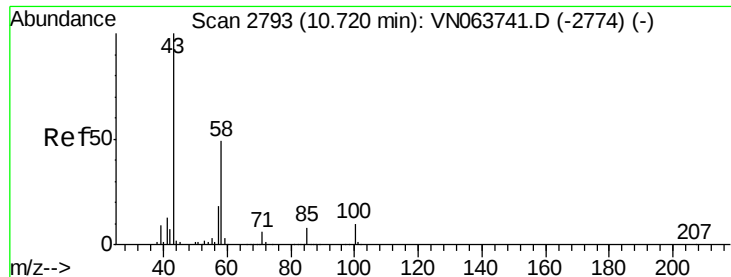
Tot Ion: 76 Resp: 297378
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 298.466 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

Tgt Ion: 63 Resp: 726814
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.7 31.1

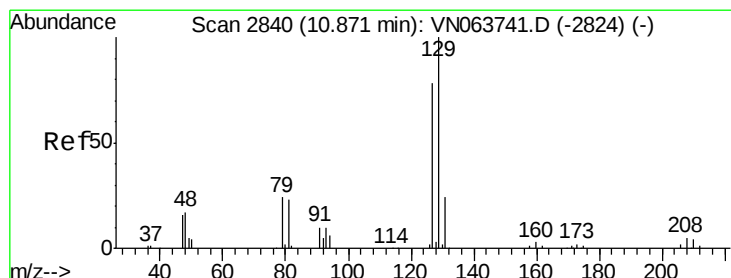
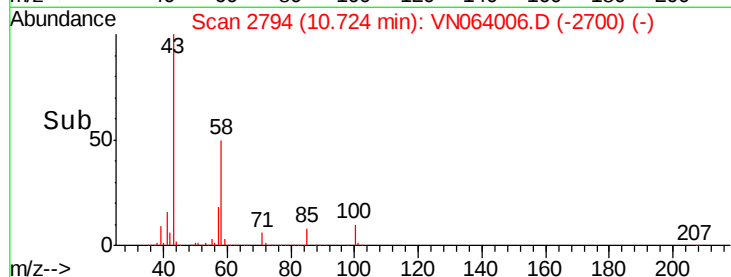
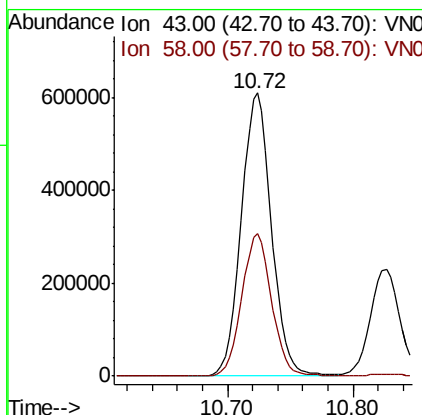
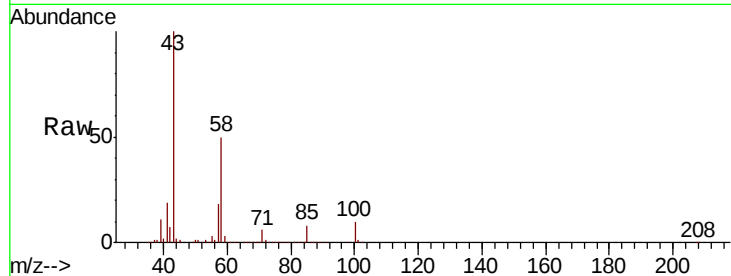




#59
2-Hexanone
Concen: 314.557 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

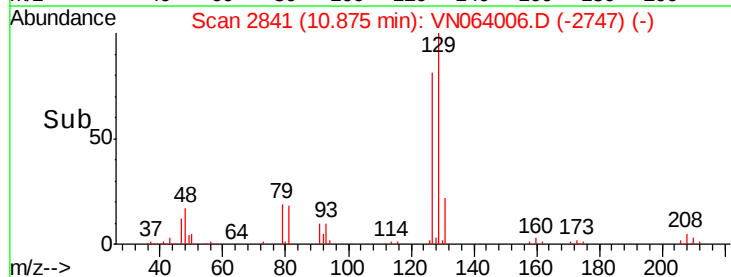
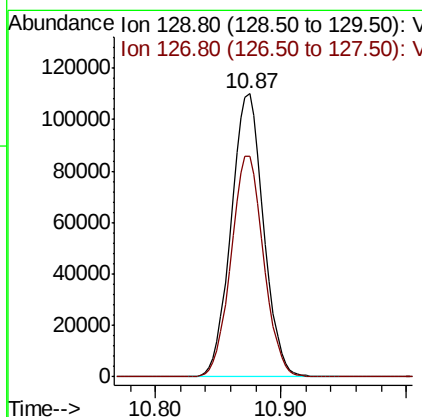
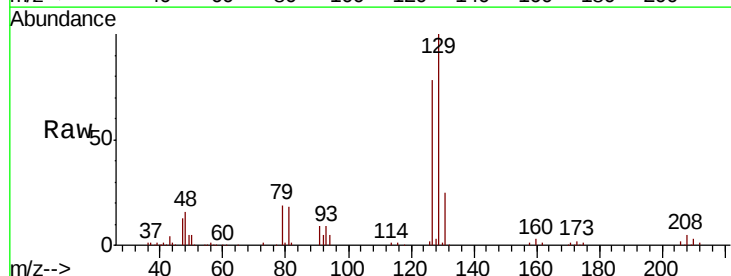
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

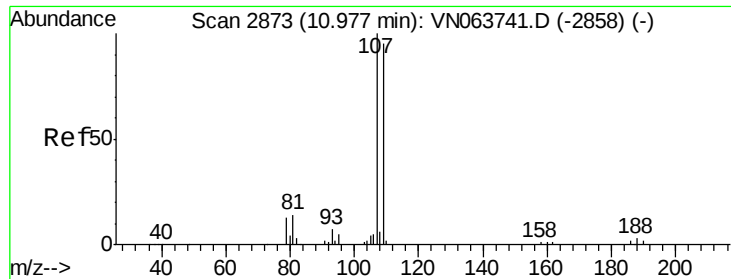
Tot Ion: 43 Resp: 1018685
Ion Ratio Lower Upper
43 100
58 49.9 24.6 73.8



#60
Dibromochloromethane
Concen: 52.930 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion: 129 Resp: 197973
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7

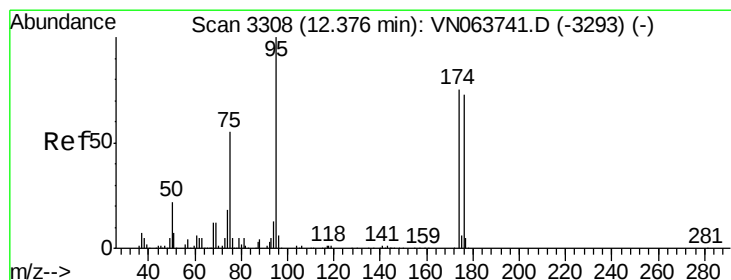
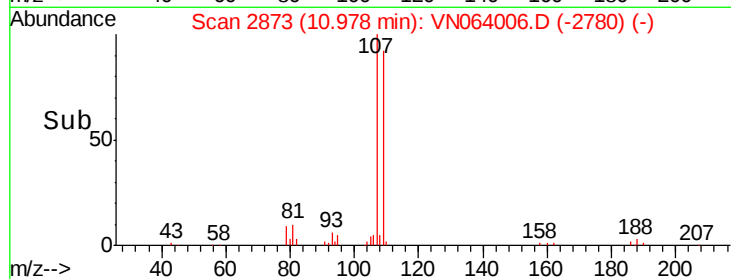
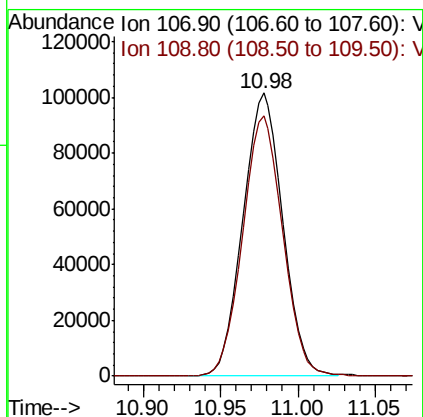
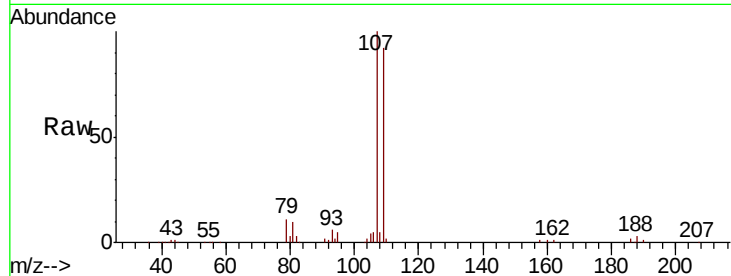




#61
 1,2-Dibromoethane
 Concen: 55.371 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

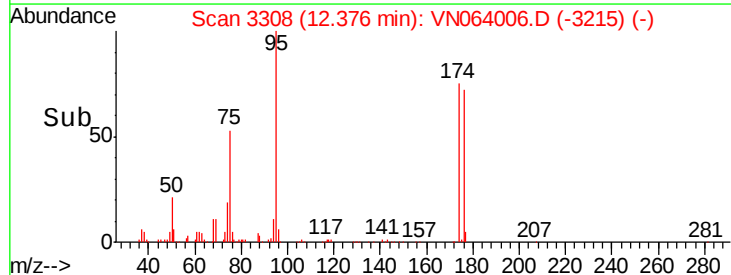
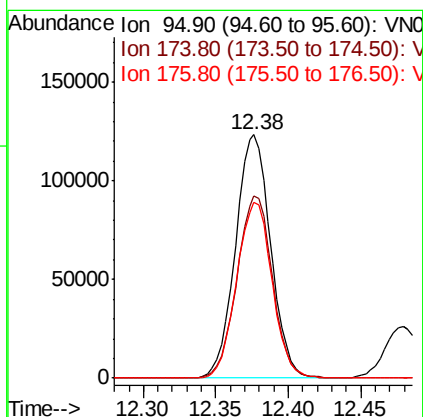
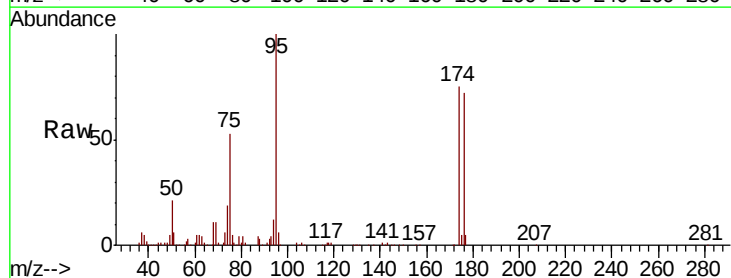
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

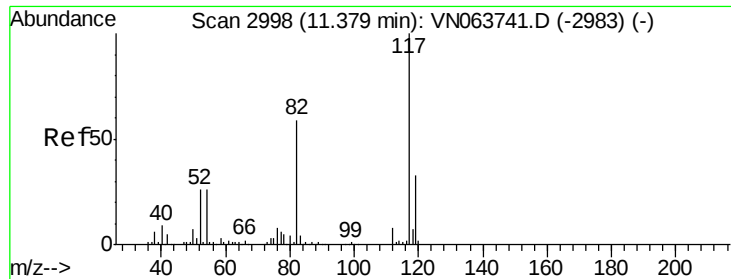
Tot Ion:107 Resp: 181911
 Ion Ratio Lower Upper
 107 100
 109 92.7 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 46.904 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

Tgt Ion: 95 Resp: 207521
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 150.6
 176 73.3 0.0 145.4

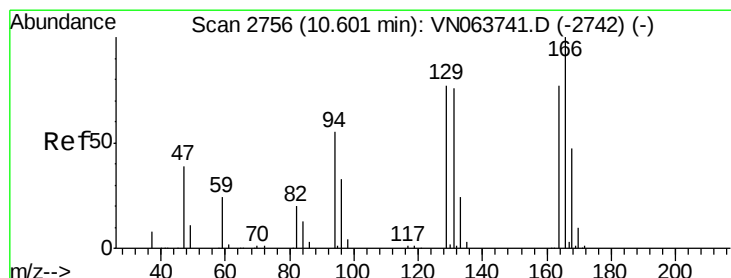
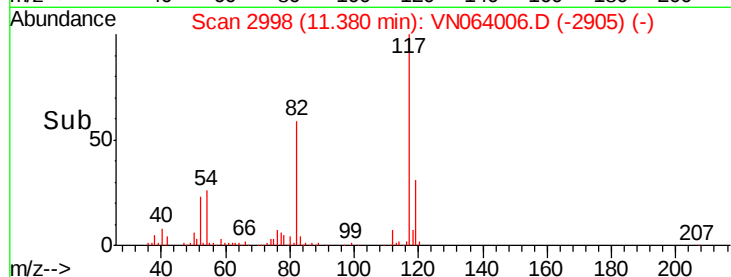
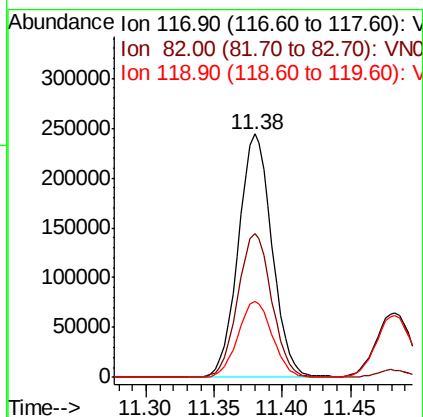
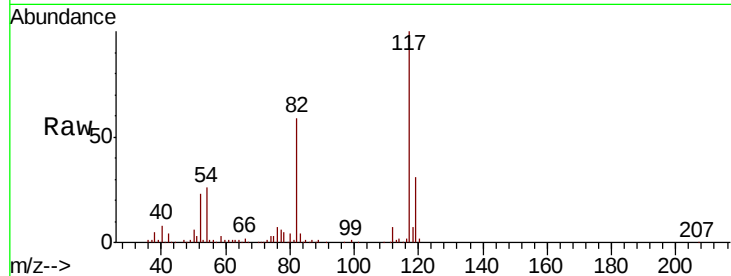




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

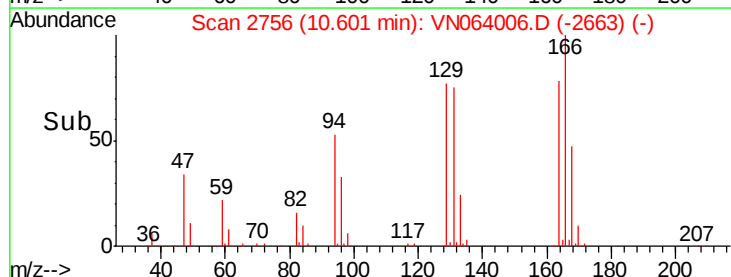
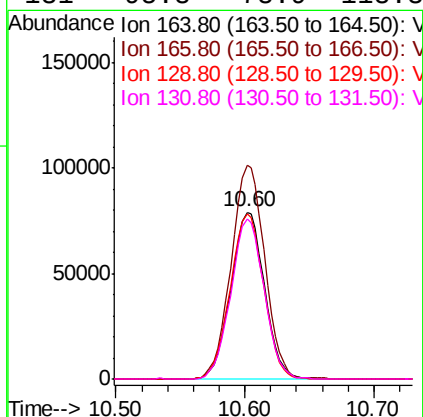
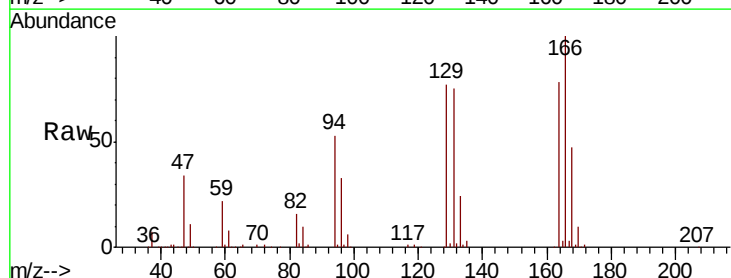
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

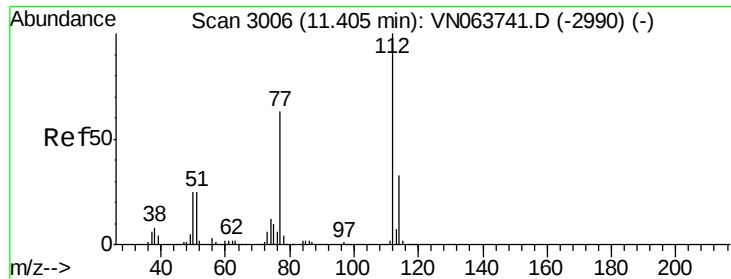
Tot Ion:117 Resp: 418085
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 31.3 26.4 39.6



#64
Tetrachloroethene
Concen: 44.175 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion:164 Resp: 142889
Ion Ratio Lower Upper
164 100
166 128.1 103.9 155.9
129 98.8 80.3 120.5
131 95.8 78.9 118.3

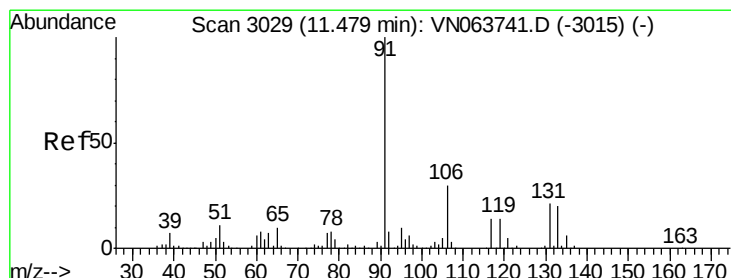
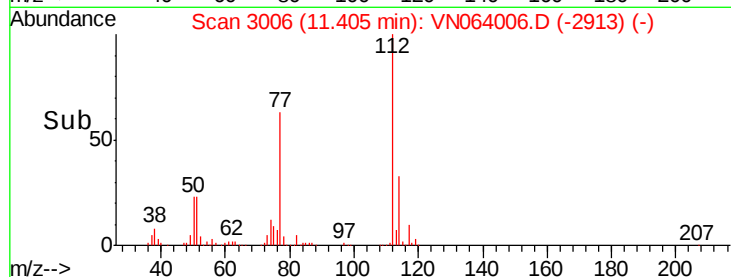
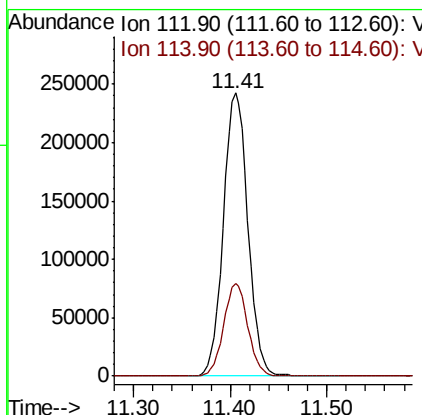
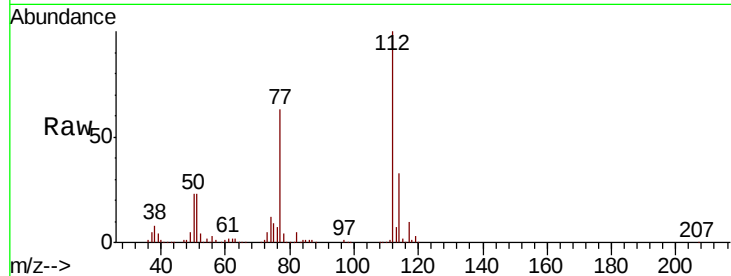




#65
Chlorobenzene
Concen: 49.801 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

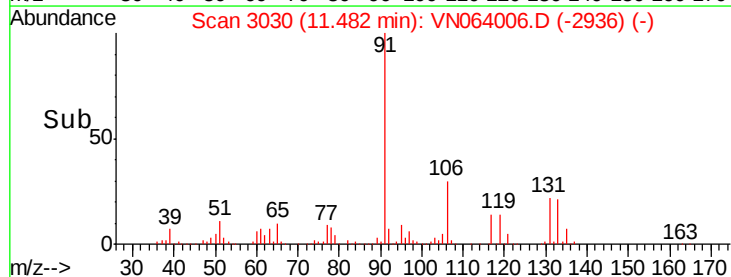
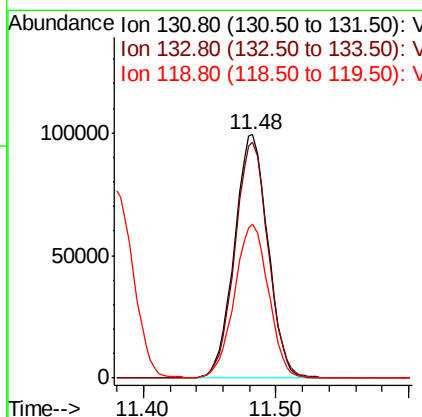
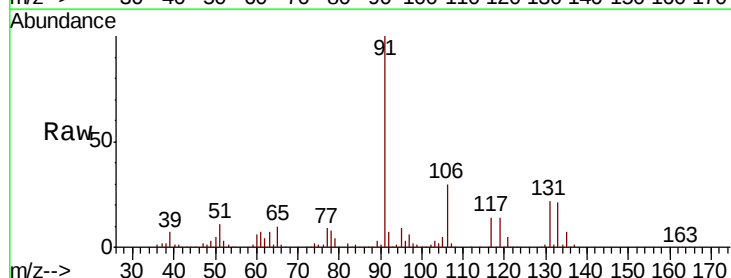
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

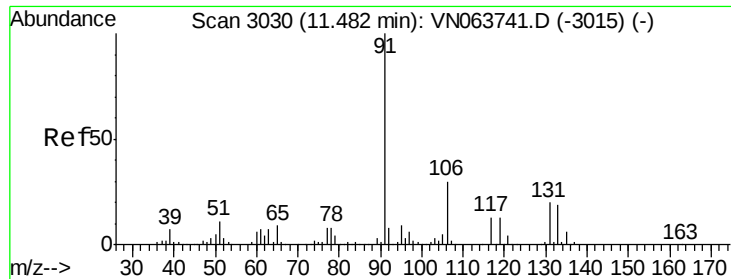
Tot Ion:112 Resp: 427101
Ion Ratio Lower Upper
112 100
114 32.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.070 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion:131 Resp: 174487
Ion Ratio Lower Upper
131 100
133 96.2 47.3 141.8
119 64.2 32.6 97.7

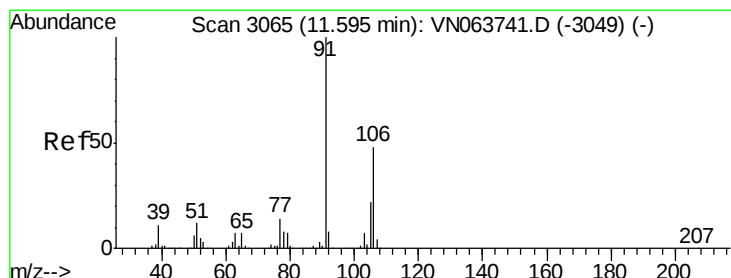
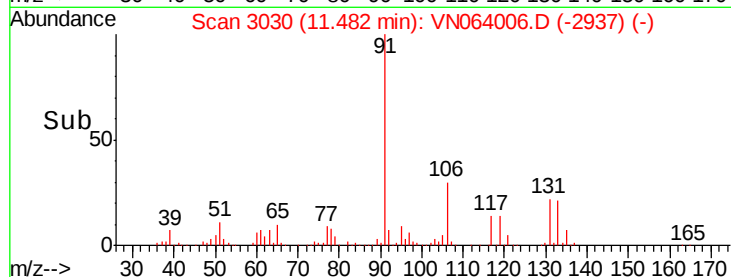
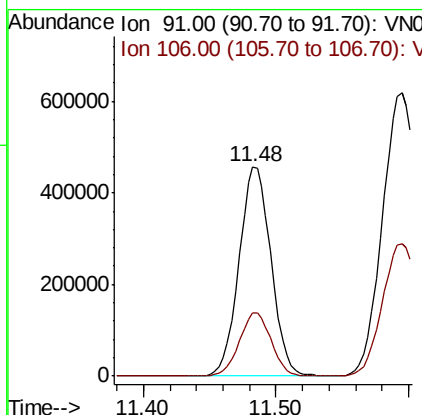
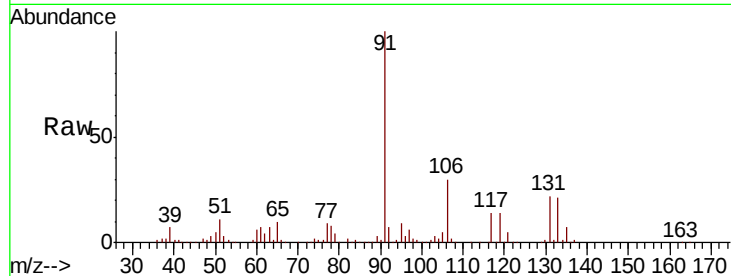




#67
Ethyl Benzene
Concen: 48.938 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

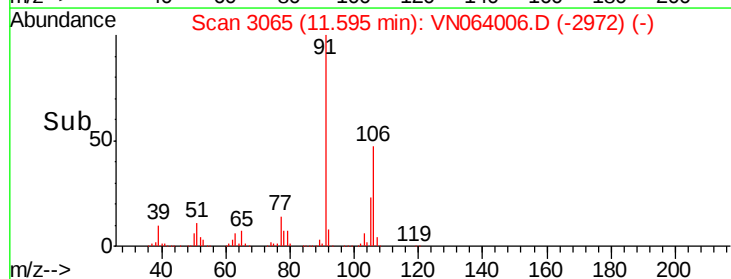
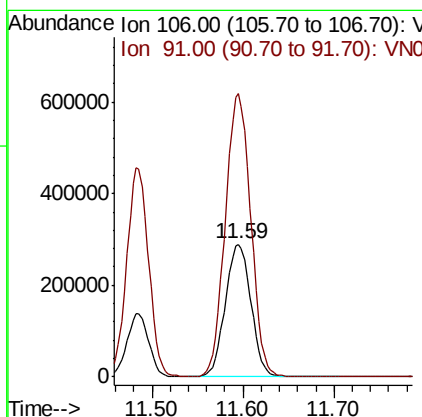
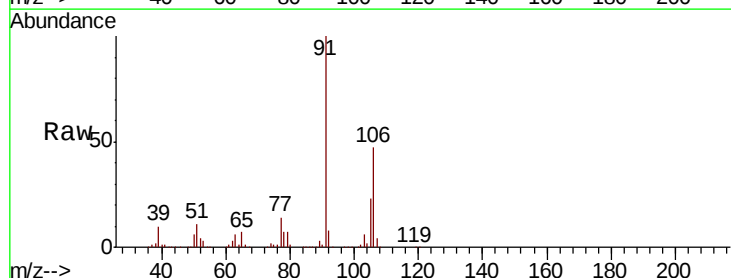
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

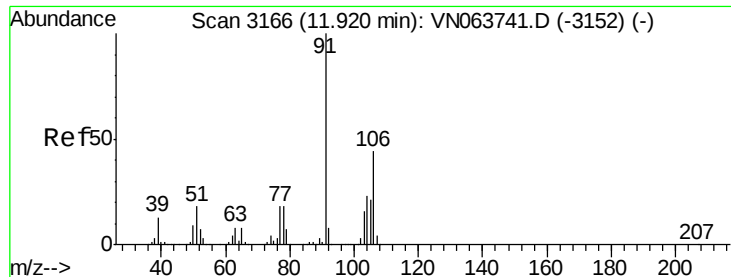
Tot Ion: 91 Resp: 763701
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.2



#68
m/p-Xylenes
Concen: 97.231 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion: 106 Resp: 565514
Ion Ratio Lower Upper
106 100
91 212.6 168.0 252.0

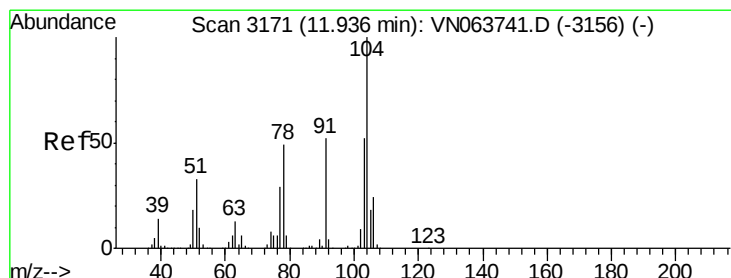
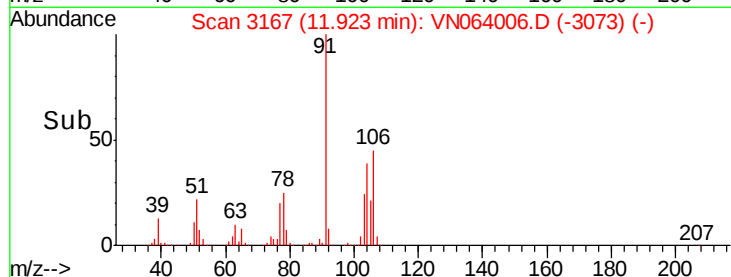
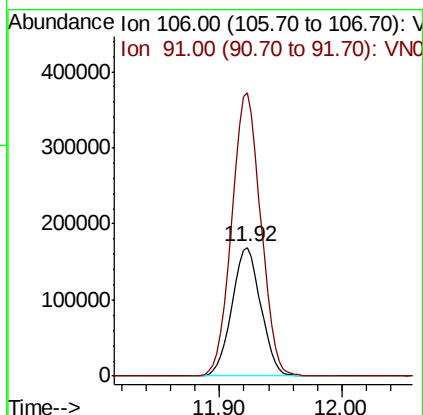
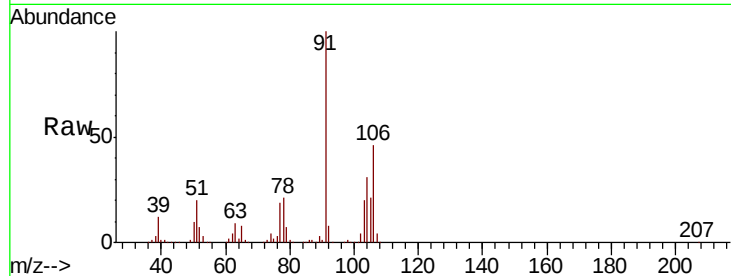




#69
o-Xylene
Concen: 51.307 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

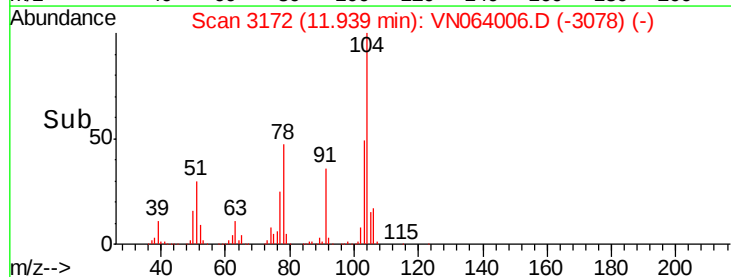
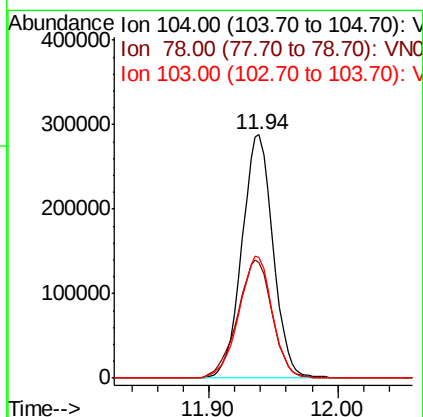
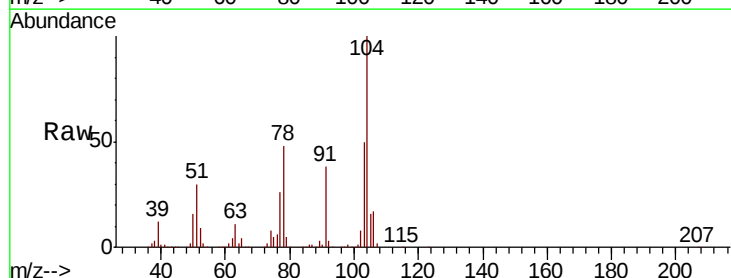
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

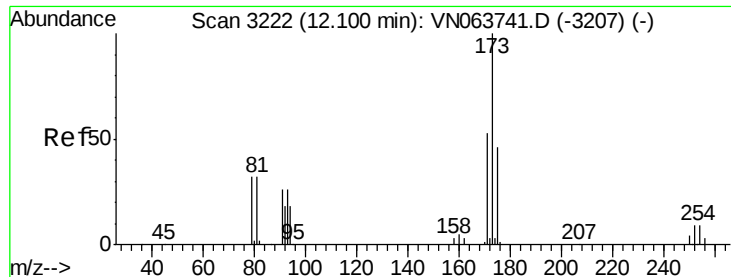
Tot Ion:106 Resp: 278914
Ion Ratio Lower Upper
106 100
91 221.4 112.7 338.0



#70
Styrene
Concen: 52.545 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion:104 Resp: 484878
Ion Ratio Lower Upper
104 100
78 54.1 44.1 66.1
103 53.6 44.3 66.5





#71

Bromoform

Concen: 55.064 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

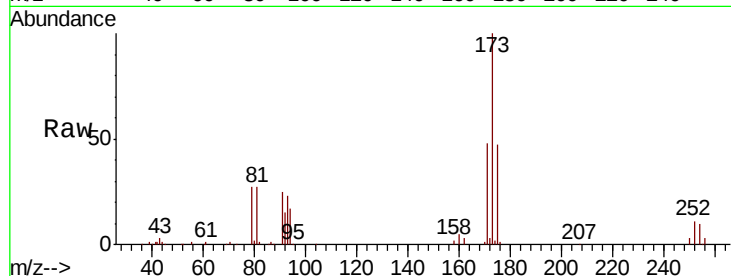
Tot Ion:173 Resp: 138464

Ion Ratio Lower Upper

173 100

175 48.3 23.5 70.5

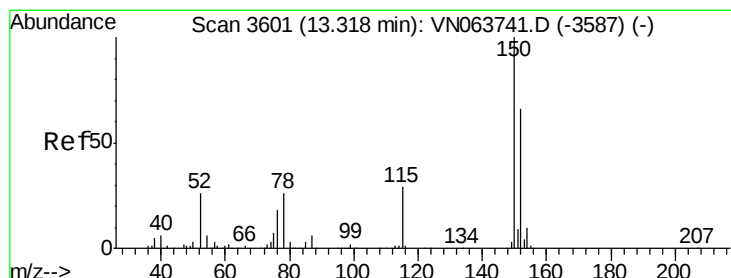
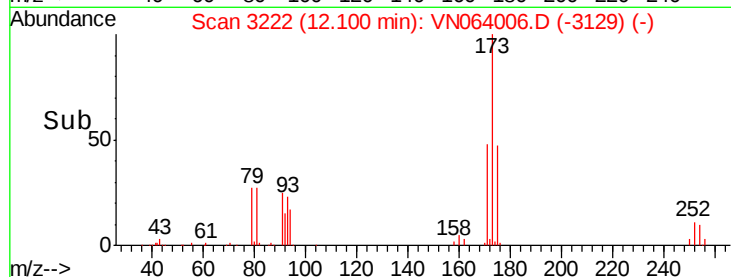
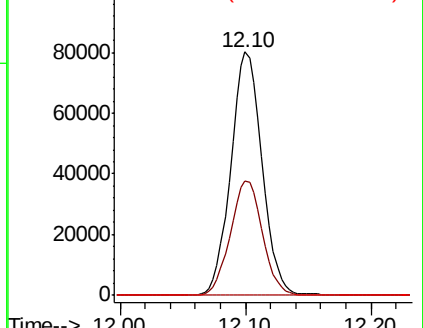
254 0.1 0.0 0.0#



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# 3601

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

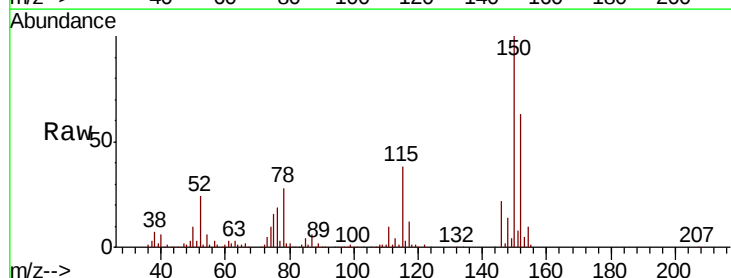
Tgt Ion:152 Resp: 197638

Ion Ratio Lower Upper

152 100

115 61.1 31.3 93.8

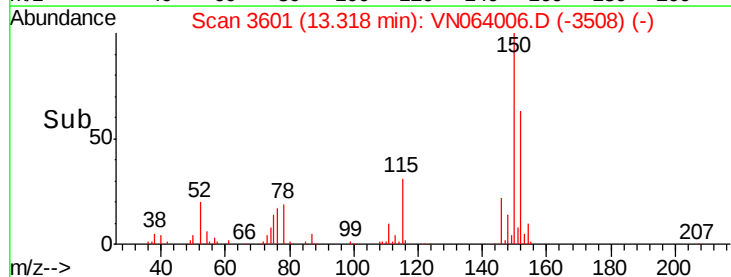
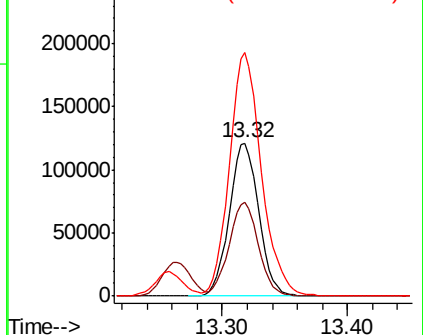
150 172.3 0.0 341.8

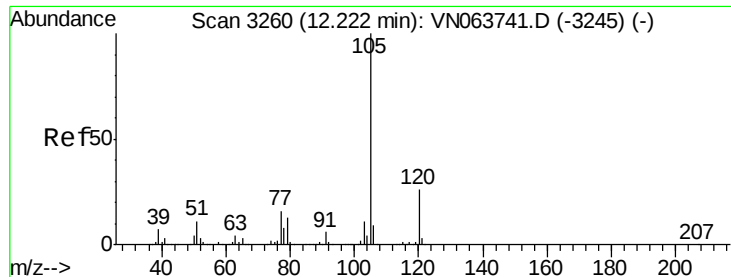


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

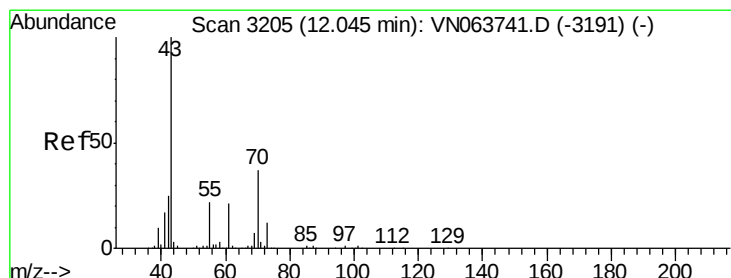
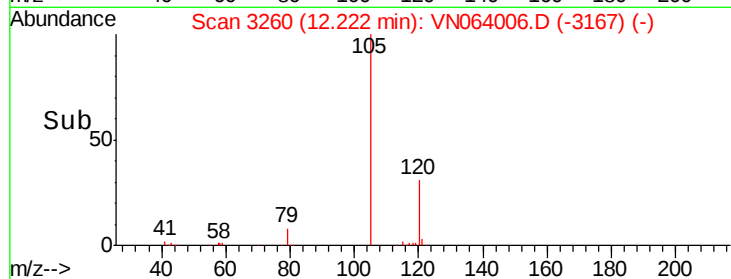
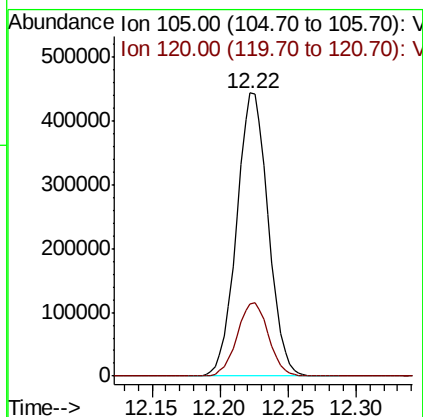
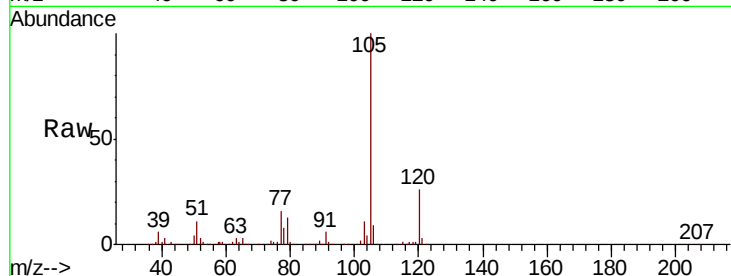




#73
Isopropylbenzene
Concen: 49.564 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

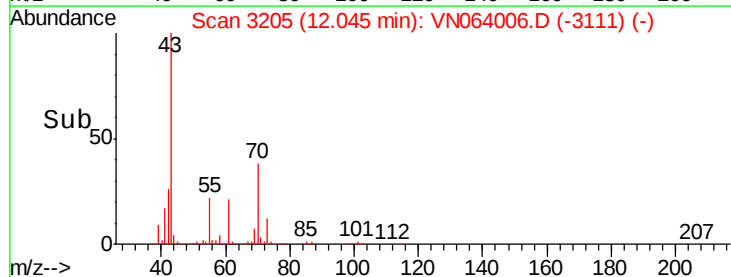
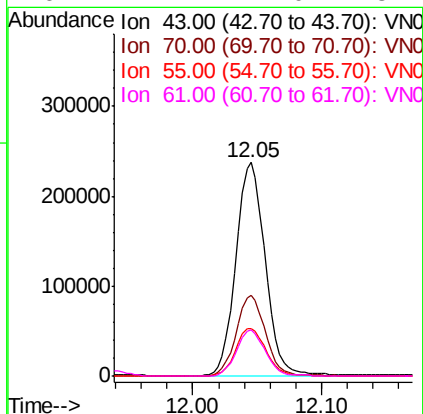
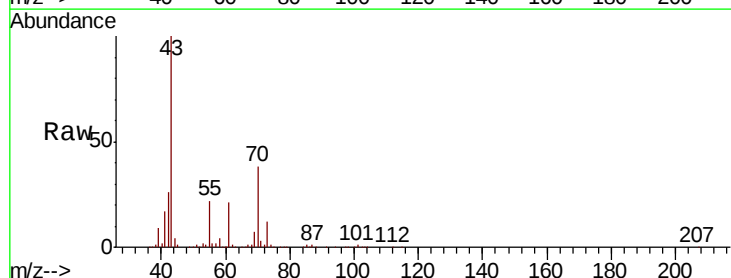
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

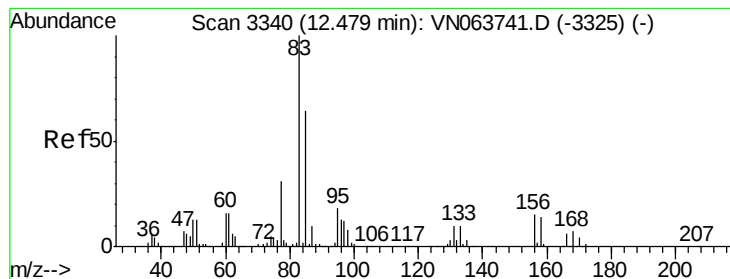
Tot Ion:105 Resp: 714493
Ion Ratio Lower Upper
105 100
120 25.8 12.6 37.8



#74
N-ethyl acetate
Concen: 55.759 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion: 43 Resp: 375378
Ion Ratio Lower Upper
43 100
70 37.8 29.8 44.8
55 23.2 17.9 26.9
61 21.1 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 58.774 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

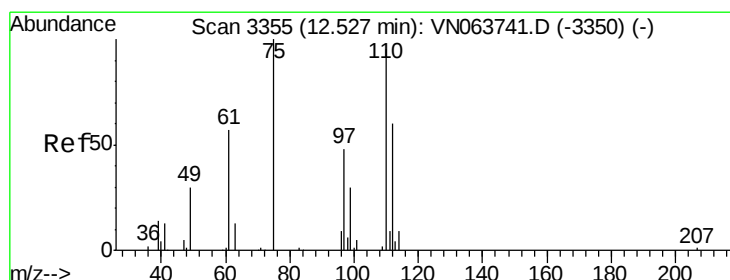
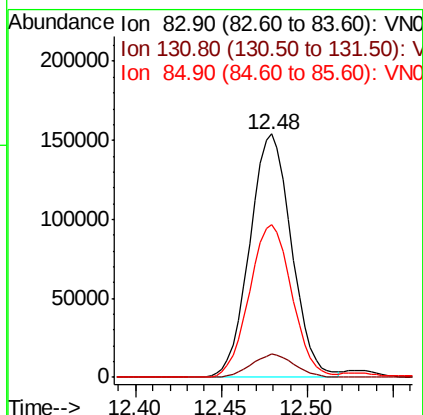
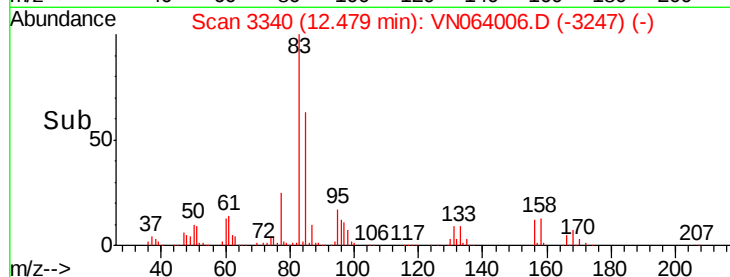
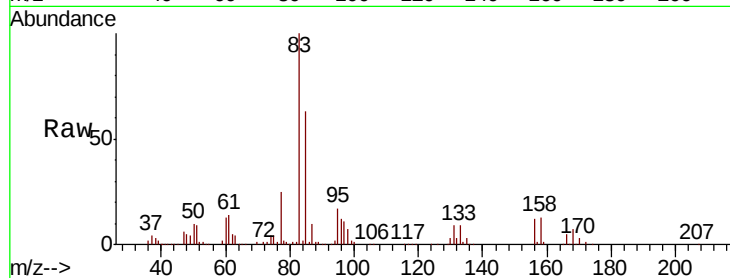
Tot Ion: 83 Resp: 259085

Ion Ratio Lower Upper

83 100

131 9.9 5.3 15.8

85 64.1 31.3 93.8



#76

1,2,3-Trichloropropane

Concen: 79.764 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064006.D

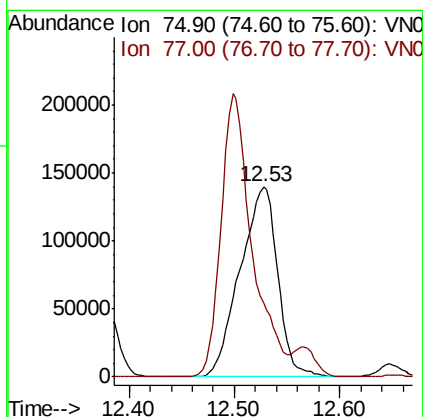
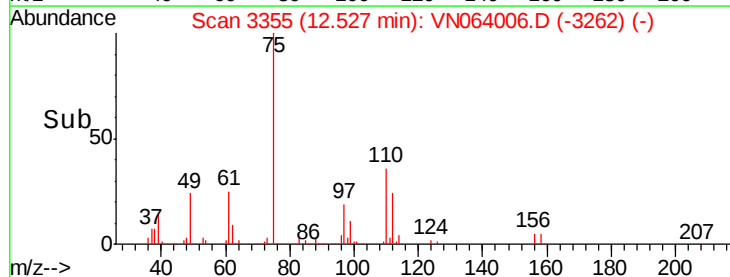
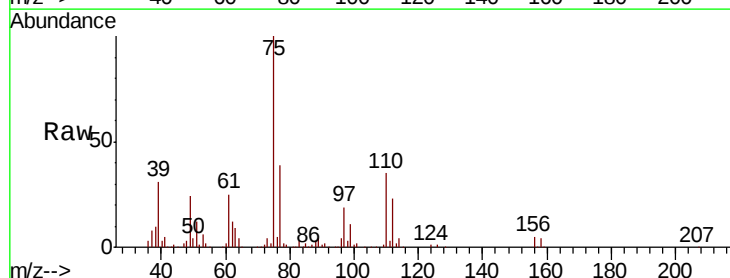
Acq: 8 Oct 2020 22:28

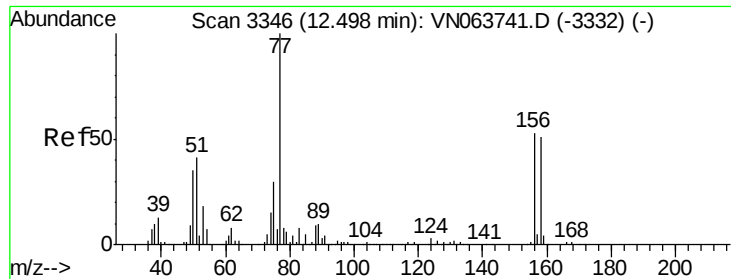
Tgt Ion: 75 Resp: 347510

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.941 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

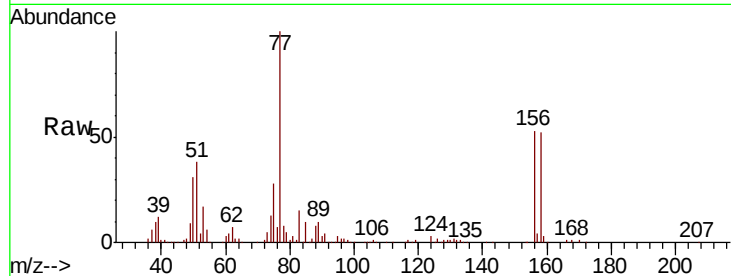
Tot Ion:156 Resp: 187264

Ion Ratio Lower Upper

156 100

77 227.0 110.9 332.7

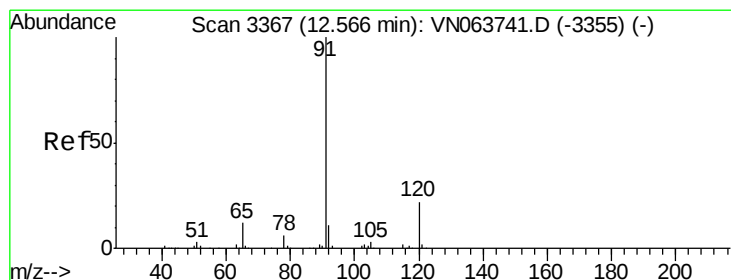
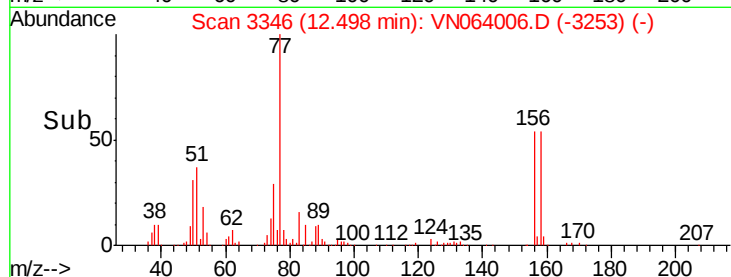
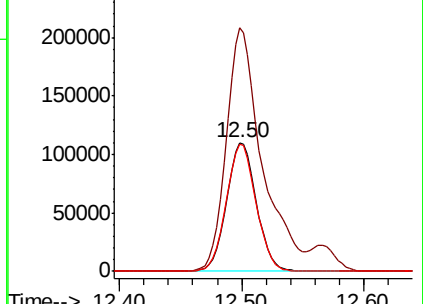
158 99.0 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.675 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064006.D

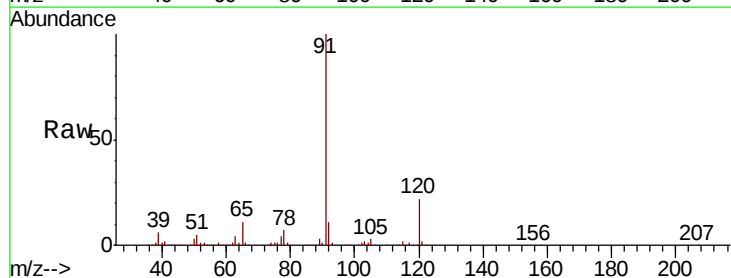
Acq: 8 Oct 2020 22:28

Tgt Ion: 91 Resp: 816617

Ion Ratio Lower Upper

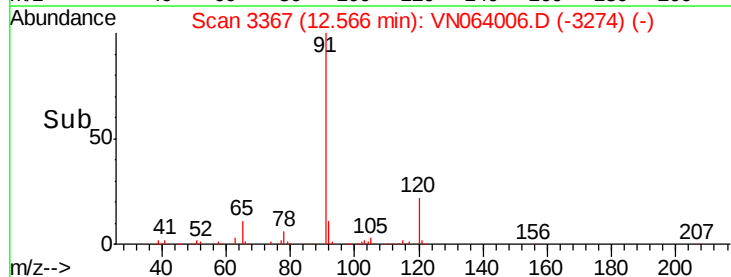
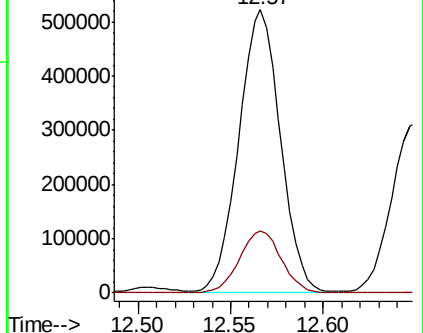
91 100

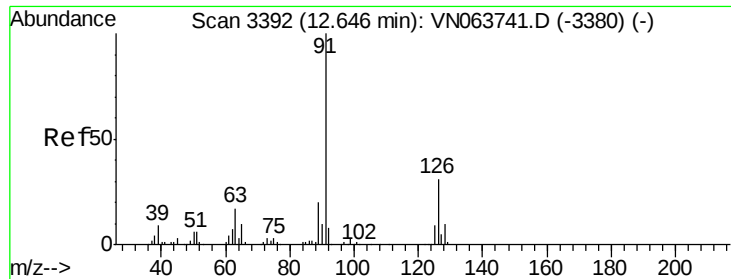
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

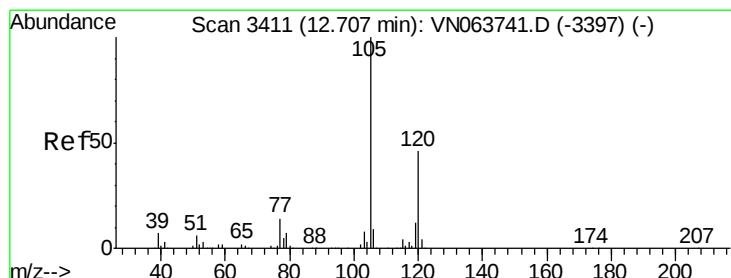
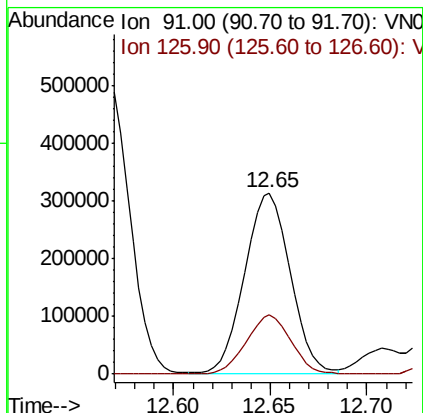
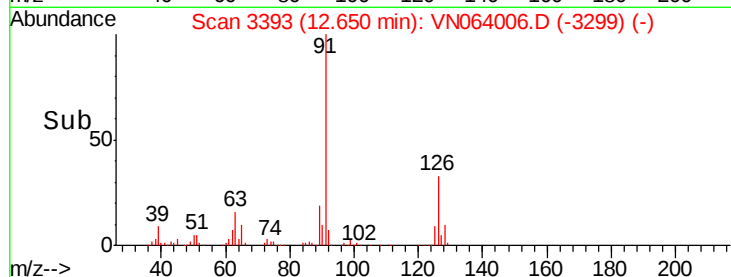
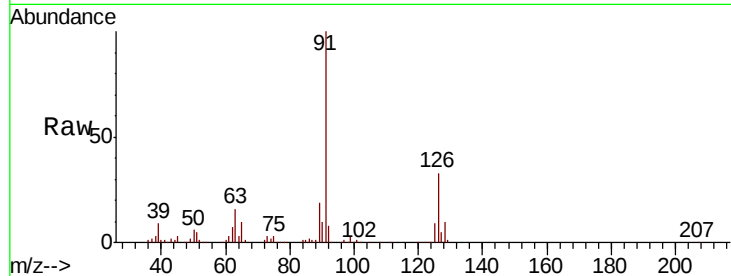




#79
 2-Chlorotoluene
 Concen: 50.211 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

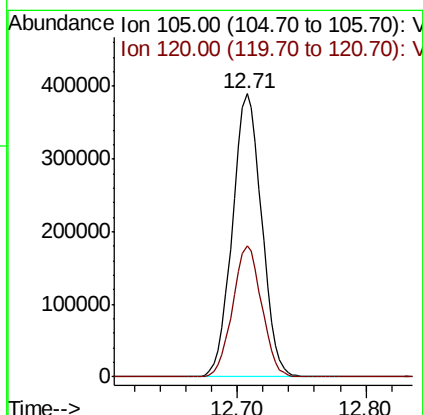
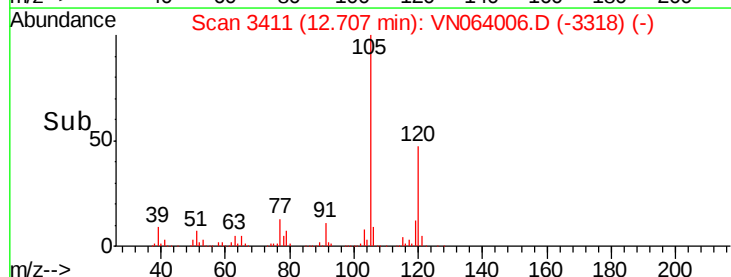
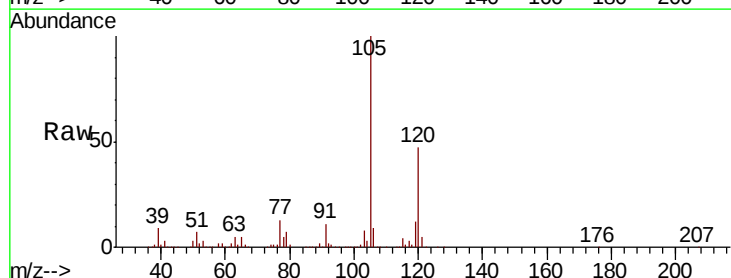
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

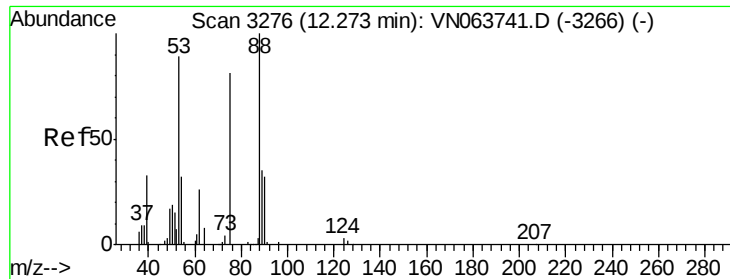
Tot Ion: 91 Resp: 518076
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 50.574 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

Tgt Ion: 105 Resp: 611640
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 56.584 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

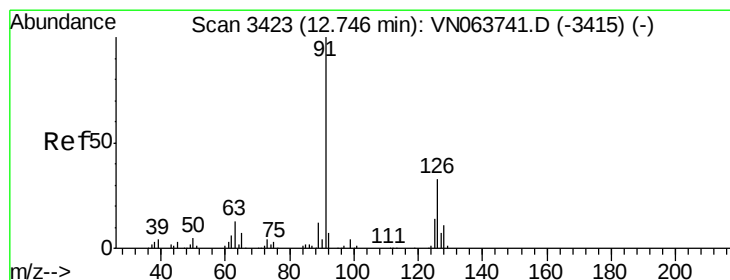
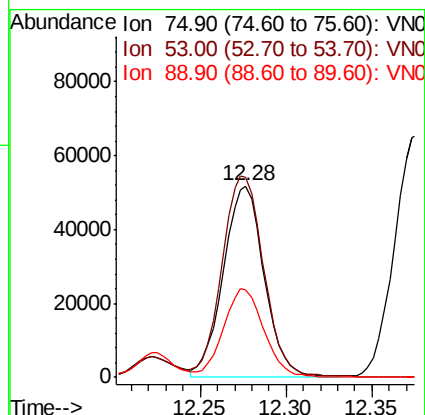
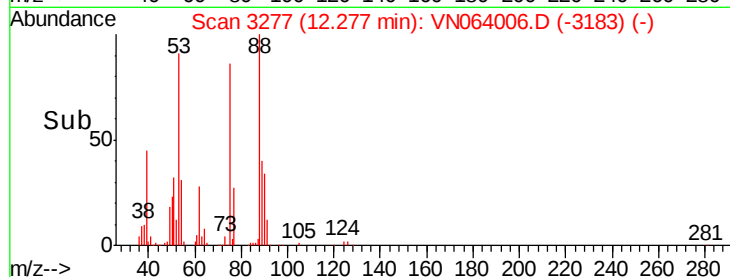
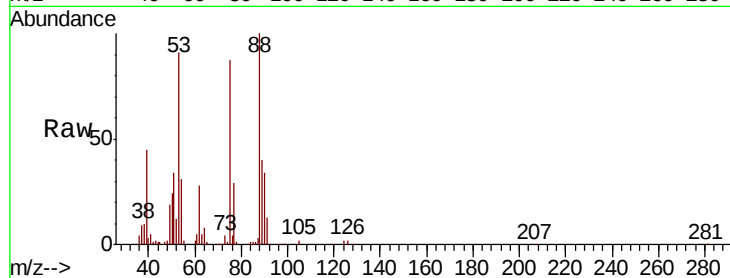
Tot Ion: 75 Resp: 85593

Ion Ratio Lower Upper

75 100

53 108.5 88.2 132.2

89 45.9 36.0 54.0



#82

4-Chlorotoluene

Concen: 51.049 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064006.D

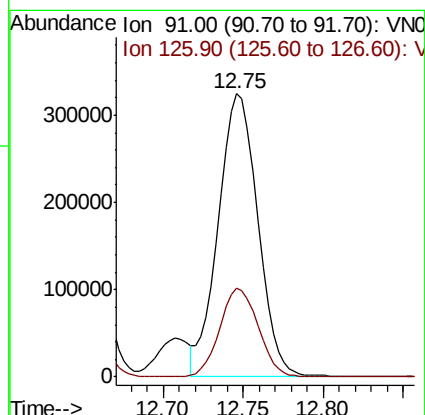
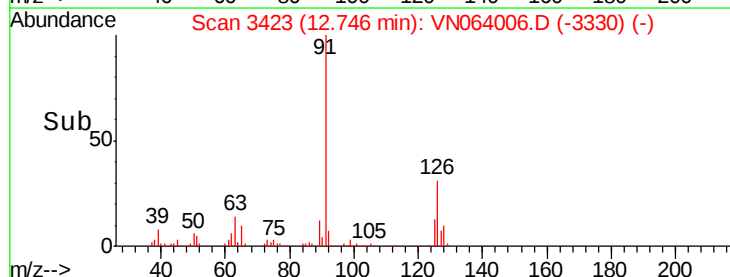
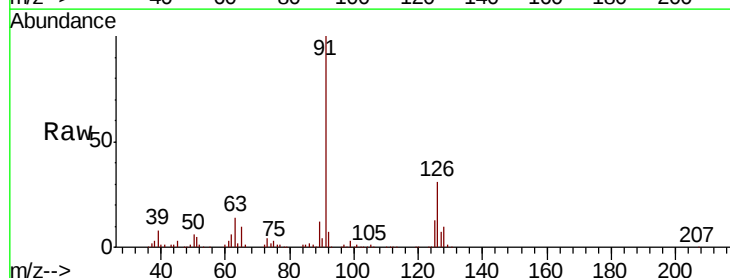
Acq: 8 Oct 2020 22:28

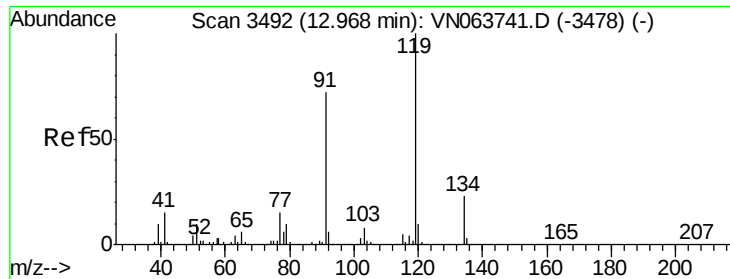
Tgt Ion: 91 Resp: 546803

Ion Ratio Lower Upper

91 100

126 30.7 15.4 46.2

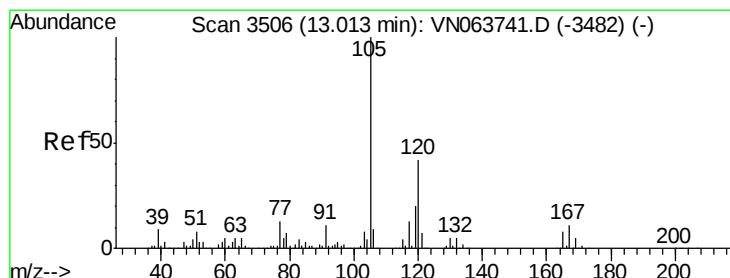
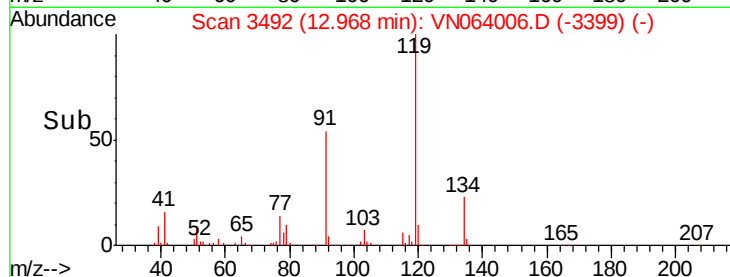
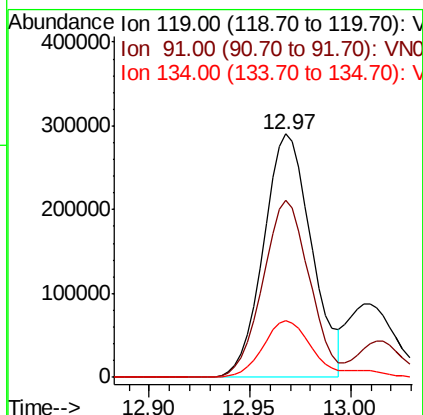
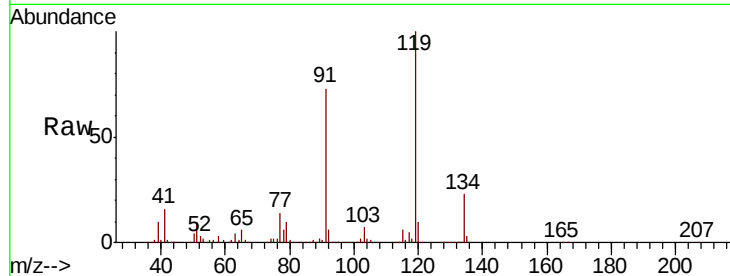




#83
tert-Butylbenzene
Concen: 48.562 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

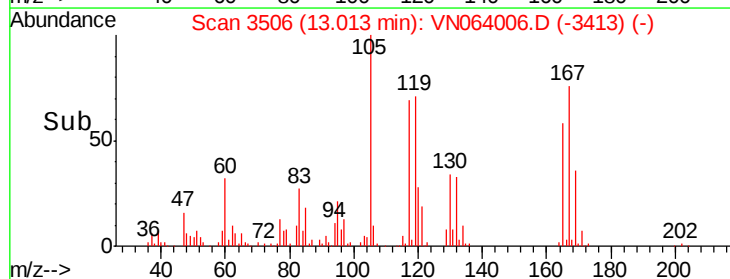
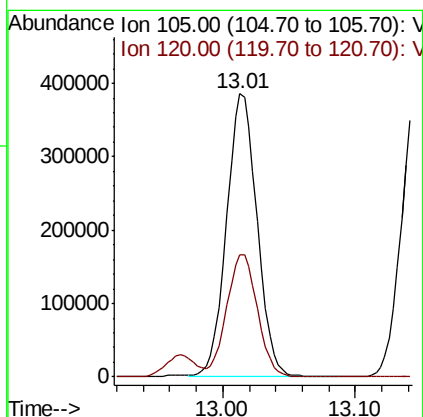
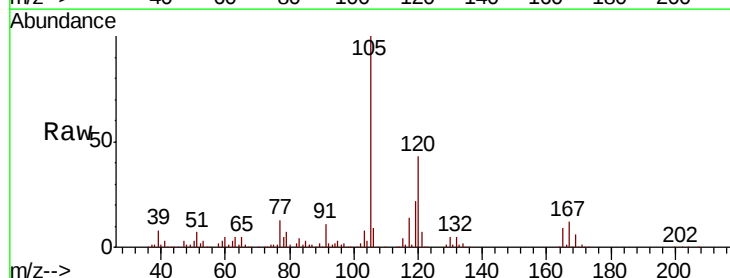
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 480402
Ion Ratio Lower Upper
119 100
91 70.9 35.5 106.5
134 23.4 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 50.725 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064006.D
Acq: 8 Oct 2020 22:28

Tgt Ion:105 Resp: 612484
Ion Ratio Lower Upper
105 100
120 43.9 20.9 62.7





#85

sec-Butylbenzene

Concen: 47.947 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

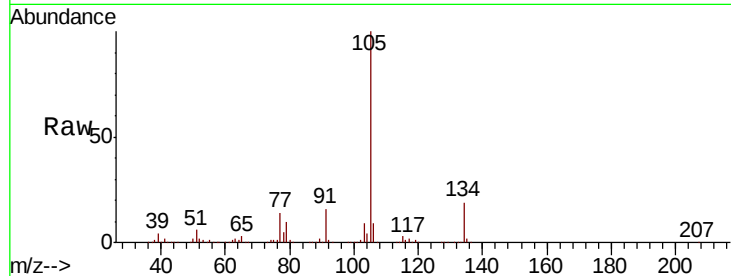
VSTDCCC050

Tot Ion:105 Resp: 622987

Ion Ratio Lower Upper

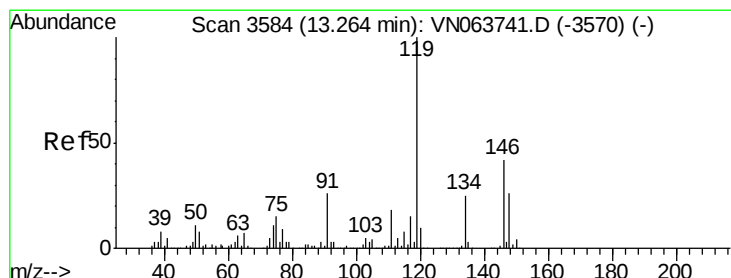
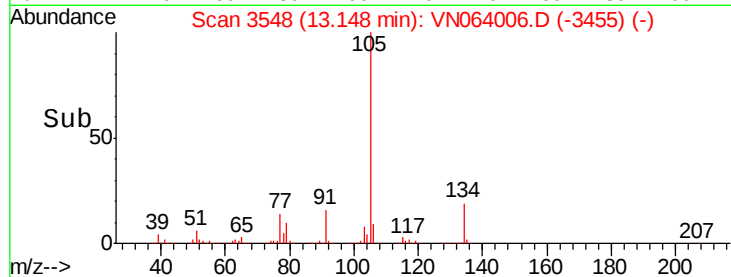
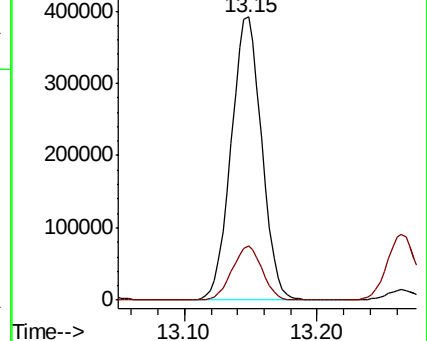
105 100

134 19.1 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.771 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

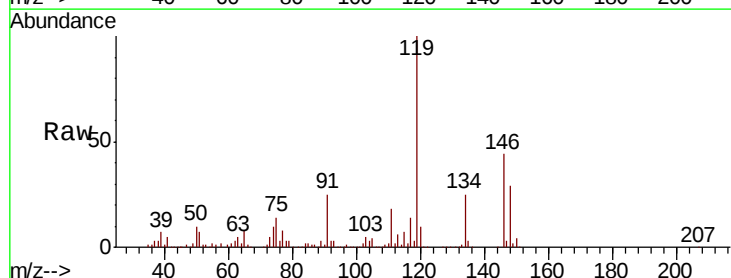
Tgt Ion:119 Resp: 560600

Ion Ratio Lower Upper

119 100

134 24.7 12.6 37.8

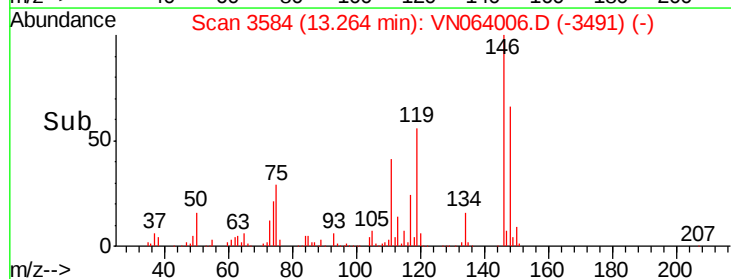
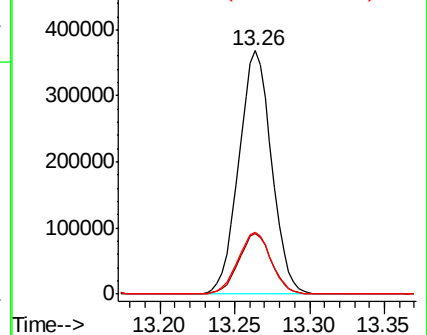
91 25.5 13.4 40.2

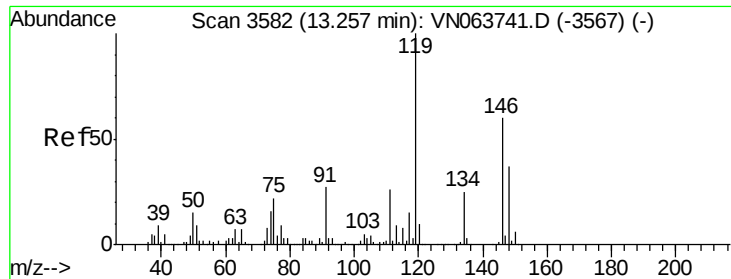


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.975 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

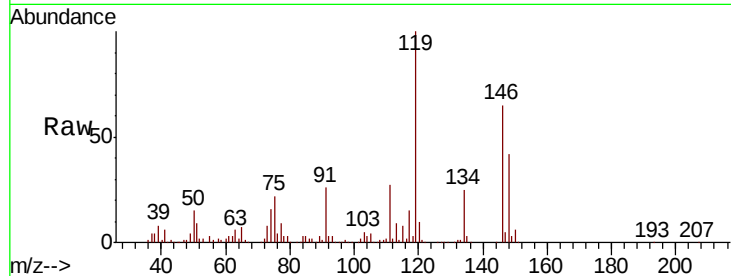
Tot Ion:146 Resp: 319803

Ion Ratio Lower Upper

146 100

111 41.6 21.5 64.5

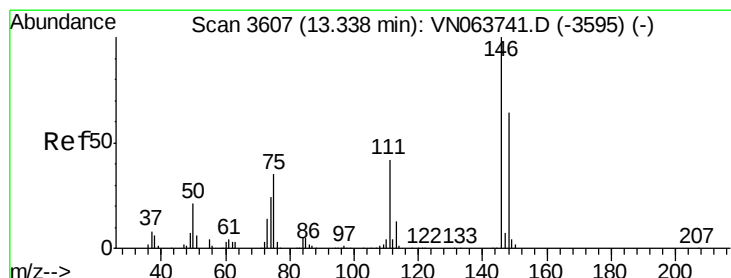
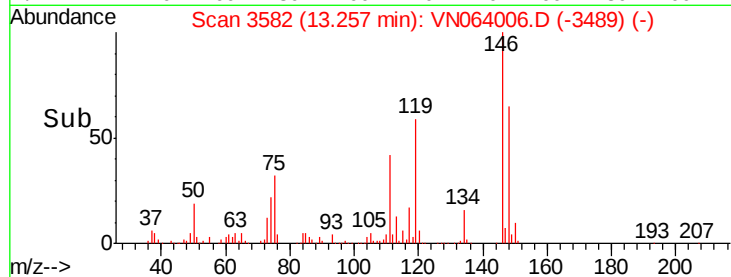
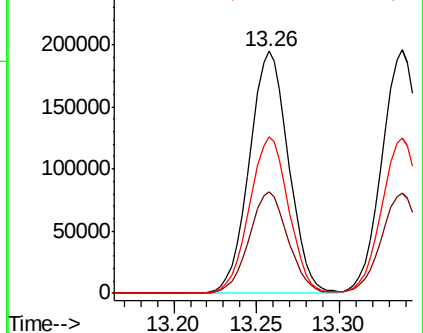
148 64.7 31.1 93.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.193 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

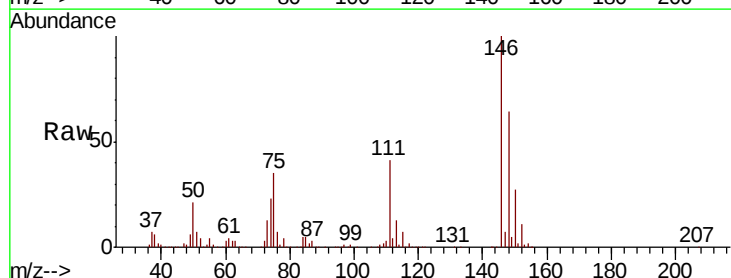
Tgt Ion:146 Resp: 321112

Ion Ratio Lower Upper

146 100

111 40.8 21.3 63.7

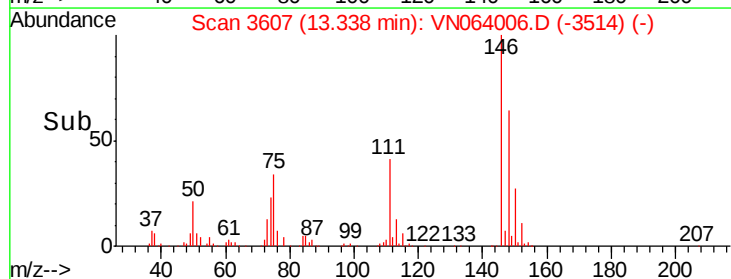
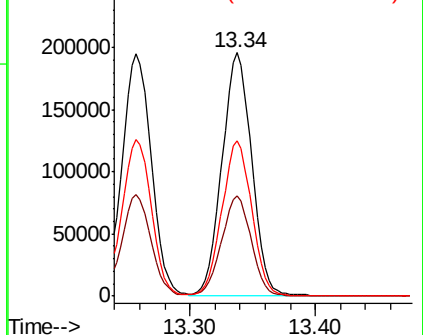
148 64.5 32.0 96.0

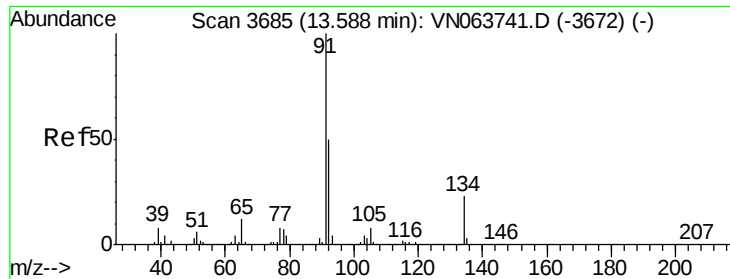


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 43.110 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

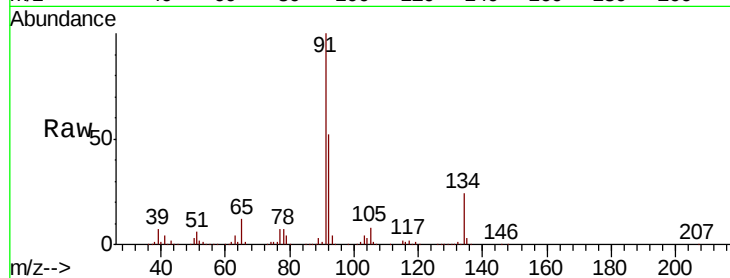
Tot Ion: 91 Resp: 457354

Ion Ratio Lower Upper

91 100

92 51.4 25.4 76.4

134 23.8 11.7 35.1

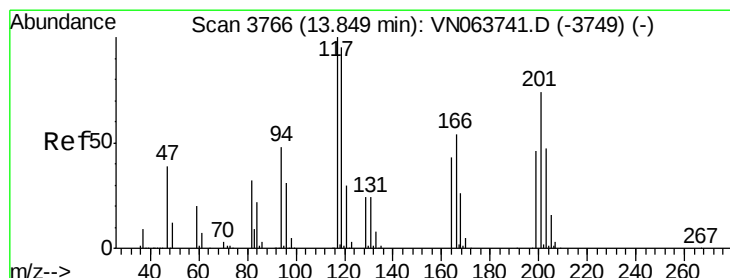
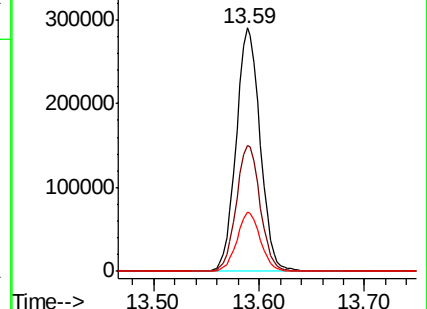
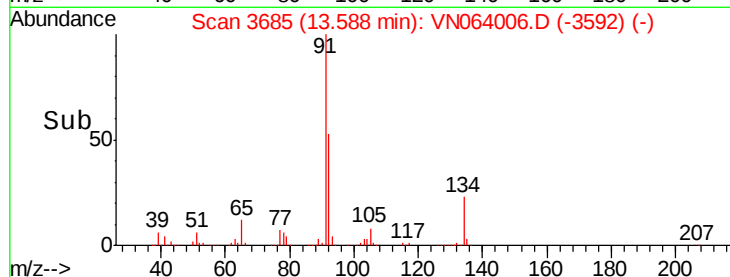


Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)

Time-->



#90

Hexachloroethane

Concen: 47.759 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064006.D

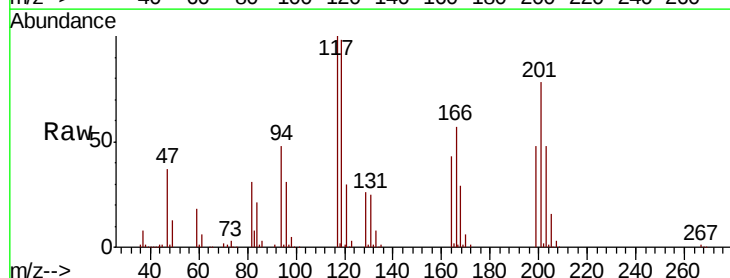
Acq: 8 Oct 2020 22:28

Tgt Ion: 117 Resp: 106378

Ion Ratio Lower Upper

117 100

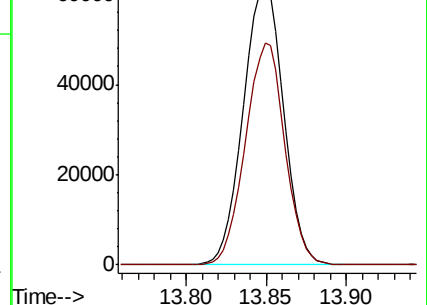
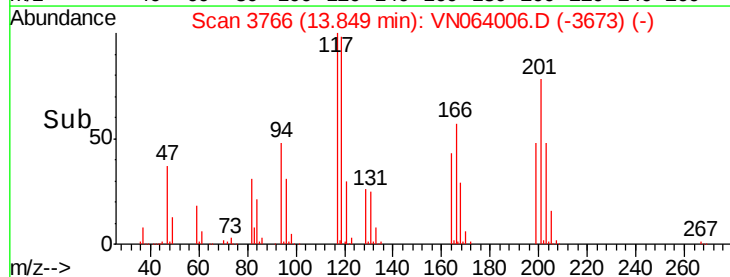
201 77.5 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)

Time-->

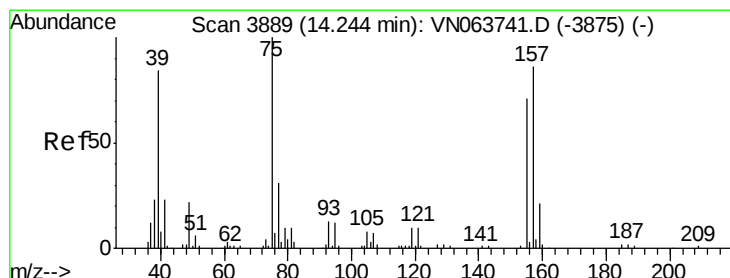
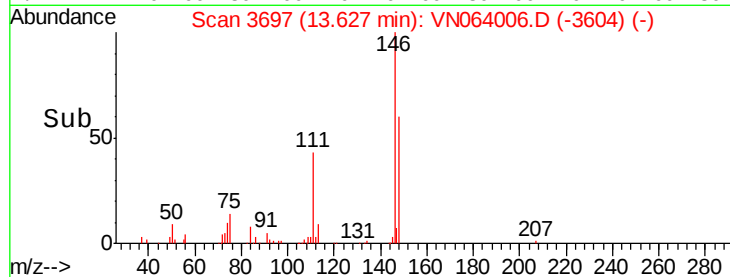
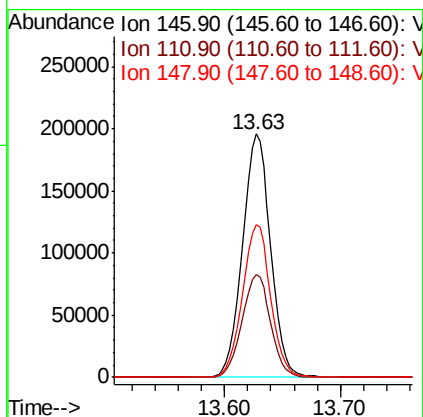
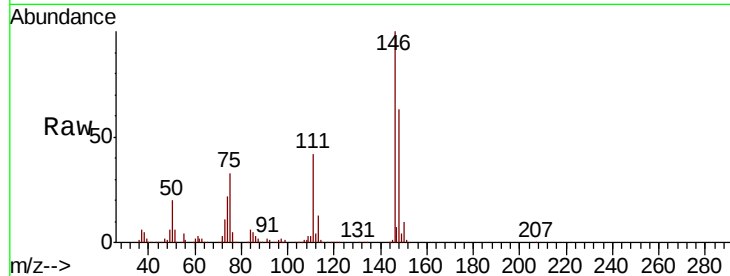




#91
 1,2-Dichlorobenzene
 Concen: 51.867 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

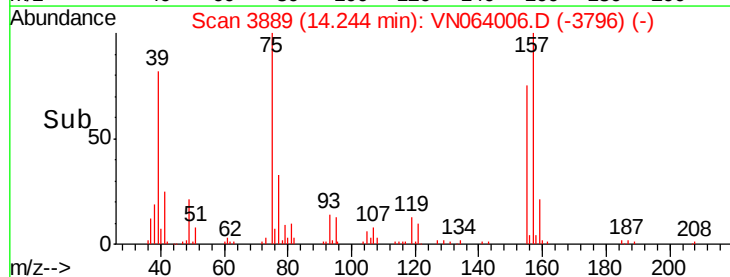
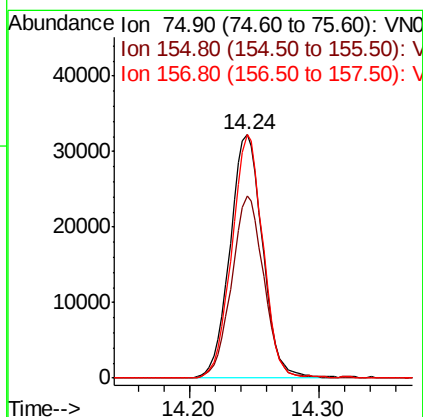
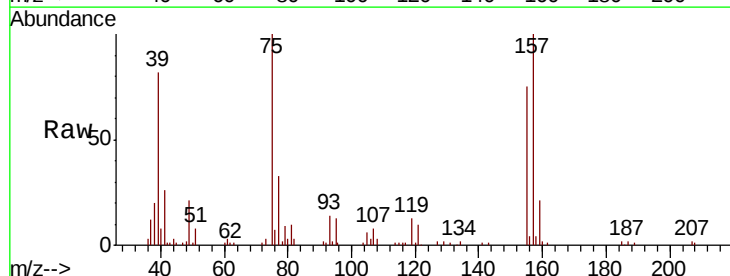
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 328748
 Ion Ratio Lower Upper
 146 100
 111 43.1 22.2 66.6
 148 63.1 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.907 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

Tgt Ion: 75 Resp: 56762
 Ion Ratio Lower Upper
 75 100
 155 73.4 34.8 104.5
 157 94.3 43.7 131.1

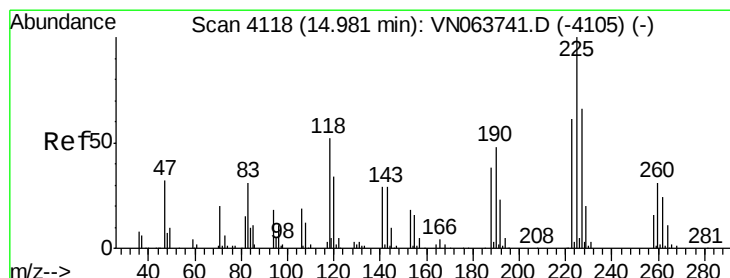
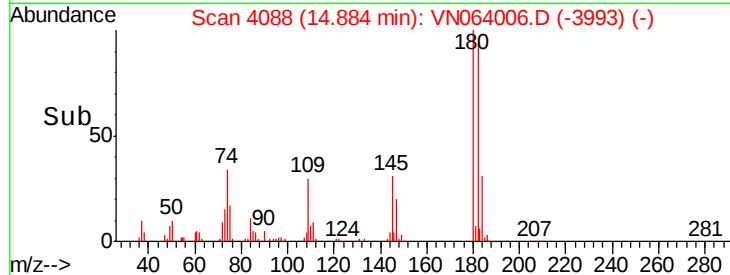
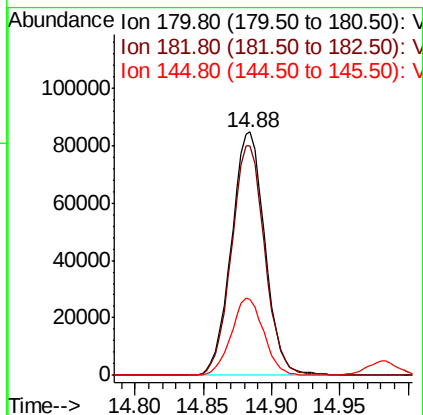
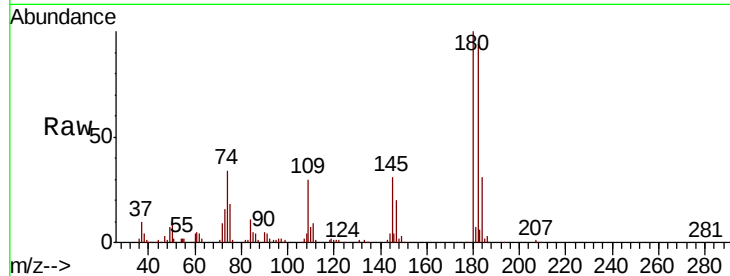




#93
 1,2,4-Trichlorobenzene
 Concen: 42.104 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

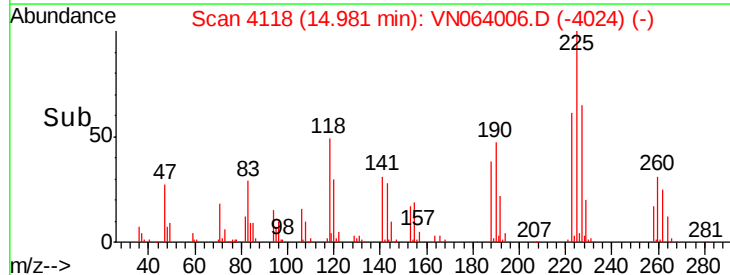
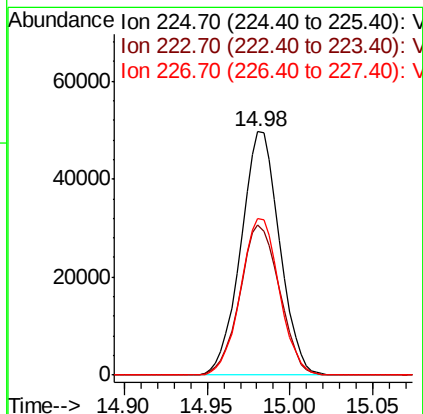
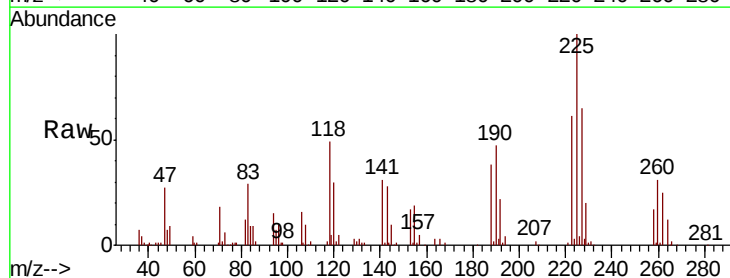
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

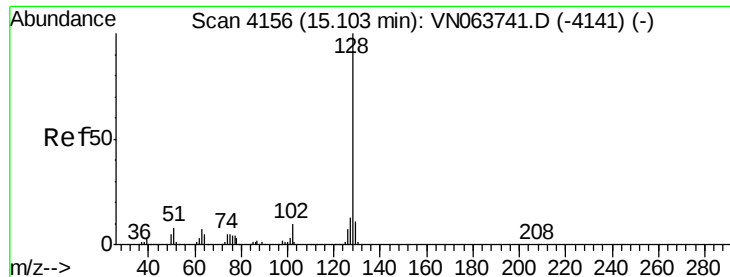
Tot Ion:180 Resp: 144134
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.2 144.6
 145 31.0 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 46.973 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064006.D
 Acq: 8 Oct 2020 22:28

Tgt Ion:225 Resp: 80718
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.3 91.0
 227 64.1 31.9 95.5





#95

Naphthalene

Concen: 43.889 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

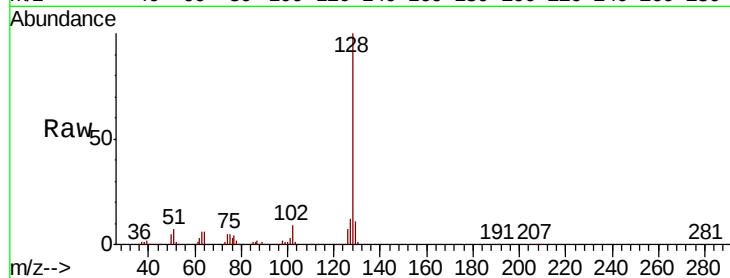
Tot Ion:128 Resp: 465432

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

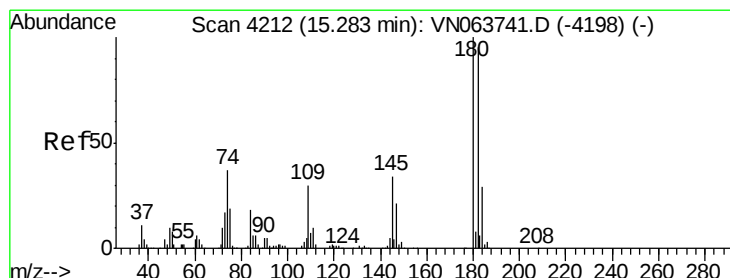
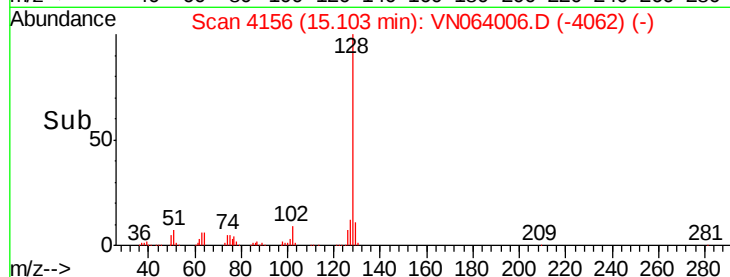
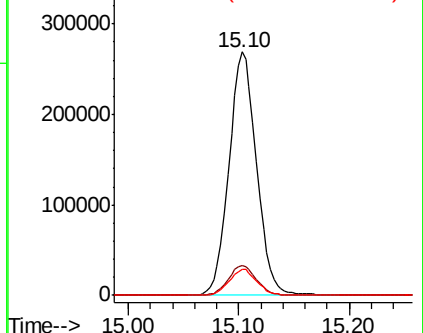
129 10.8 8.7 13.1



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: 43.860 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064006.D

Acq: 8 Oct 2020 22:28

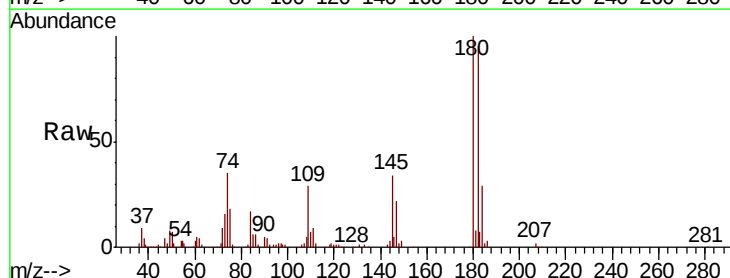
Tgt Ion:180 Resp: 145952

Ion Ratio Lower Upper

180 100

182 97.0 47.9 143.6

145 33.9 17.2 51.5



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

