

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064799.D
 Acq On : 24 Nov 2020 9:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 25 04:01:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	203922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	306133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	280756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	140742	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	112770	47.57	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.14%	
35) Dibromofluoromethane		7.54	113	95853	52.33	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.66%	
50) Toluene-d8		10.06	98	385651	51.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.06%	
62) 4-Bromofluorobenzene		12.37	95	137667	51.40	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	89807	50.815	ug/l	100
3) Chloromethane	2.04	50	111188	48.413	ug/l	99
4) Vinyl Chloride	2.16	62	118794	49.612	ug/l	97
5) Bromomethane	2.53	94	77074	49.062	ug/l	99
6) Chloroethane	2.67	64	75105	50.713	ug/l	97
7) Trichlorofluoromethane	2.99	101	170200	51.422	ug/l	99
8) Diethyl Ether	3.37	74	67061	51.329	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	106773	53.775	ug/l	99
10) Methyl Iodide	3.90	142	136264	52.909	ug/l	98
11) Tert butyl alcohol	4.74	59	79229	214.294	ug/l	98
12) 1,1-Dichloroethene	3.69	96	100738	50.944	ug/l	100
13) Acrolein	3.56	56	54595	241.751	ug/l	97
14) Allyl chloride	4.27	41	163739	50.204	ug/l	99
15) Acrylonitrile	4.93	53	246303	241.151	ug/l	99
16) Acetone	3.77	43	160336	205.737	ug/l	97
17) Carbon Disulfide	4.00	76	264657	51.835	ug/l	97
18) Methyl Acetate	4.28	43	108596	46.347	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	321633	50.714	ug/l	100
20) Methylene Chloride	4.50	84	116767	47.815	ug/l	100
21) trans-1,2-Dichloroethene	4.98	96	109938	50.064	ug/l	98
22) Diisopropyl ether	5.90	45	341440	52.303	ug/l	99
23) Vinyl Acetate	5.84	43	1363930	261.272	ug/l	100
24) 1,1-Dichloroethane	5.79	63	203601	52.187	ug/l	100
25) 2-Butanone	6.78	43	289238	228.950	ug/l	98
26) 2,2-Dichloropropane	6.77	77	173603	51.306	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	126779	51.307	ug/l	99
28) Bromochloromethane	7.14	49	84910	47.574	ug/l	95
29) Tetrahydrofuran	7.16	42	203999	233.927	ug/l	99
30) Chloroform	7.33	83	208061	51.714	ug/l	98
31) Cyclohexane	7.61	56	171008	51.754	ug/l	95
32) 1,1,1-Trichloroethane	7.52	97	178729	51.723	ug/l	99
36) 1,1-Dichloropropene	7.75	75	158937	56.012	ug/l	100
37) Ethyl Acetate	6.88	43	128490	47.009	ug/l	100
38) Carbon Tetrachloride	7.73	117	161472	54.691	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	174148	57.011	ug/l	98
40) Benzene	8.00	78	465916	53.583	ug/l	100
41) Methacrylonitrile	7.12	41	66807	52.970	ug/l	89
42) 1,2-Dichloroethane	8.08	62	153304	52.264	ug/l	99
43) Isopropyl Acetate	8.13	43	214382	48.742	ug/l	99
44) Trichloroethene	8.80	130	136950	53.380	ug/l	98
45) 1,2-Dichloropropane	9.08	63	123026	54.635	ug/l	100
46) Dibromomethane	9.17	93	78437	52.140	ug/l	97
47) Bromodichloromethane	9.37	83	164467	54.335	ug/l	98
48) Methyl methacrylate	9.16	41	105513	50.205	ug/l	98
49) 1,4-Dioxane	9.16	88	39237	987.804	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	668210	253.064	ug/l	99
52) Toluene	10.12	92	295949	55.267	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	181035	53.698	ug/l	98
54) cis-1,3-Dichloropropene	9.80	75	199713	55.266	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	114743	52.109	ug/l	96
56) Ethyl methacrylate	10.40	69	165241	54.380	ug/l	99
57) 1,3-Dichloropropane	10.68	76	192163	52.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	354151	211.880	ug/l	100
59) 2-Hexanone	10.72	43	474606	249.752	ug/l	100
60) Dibromochloromethane	10.87	129	133243	54.436	ug/l	99
61) 1,2-Dibromoethane	10.97	107	117511	52.527	ug/l	99
64) Tetrachloroethene	10.60	164	144664	52.962	ug/l	98
65) Chlorobenzene	11.40	112	325851	54.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	121518	54.843	ug/l	99
67) Ethyl Benzene	11.48	91	560985	55.697	ug/l	99
68) m/p-Xylenes	11.59	106	442065	115.925	ug/l	99
69) o-Xylene	11.92	106	208857	57.716	ug/l	100
70) Styrene	11.94	104	358248	58.643	ug/l	99
71) Bromoform	12.10	173	90710	51.257	ug/l #	100
73) Isopropylbenzene	12.22	105	553954	56.586	ug/l	100
74) N-amyl acetate	12.04	43	195881	50.844	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	142159	49.544	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	209841	69.232	ug/l #	100
77) Bromobenzene	12.50	156	139317	52.786	ug/l	99
78) n-propylbenzene	12.56	91	636944	57.113	ug/l	100
79) 2-Chlorotoluene	12.65	91	371549	53.897	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	476057	58.505	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	55267	49.975	ug/l #	88
82) 4-Chlorotoluene	12.75	91	394573	54.605	ug/l	100
83) tert-Butylbenzene	12.96	119	391304	57.372	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	474732	57.703	ug/l	100
85) sec-Butylbenzene	13.14	105	523290	57.786	ug/l	99
86) p-Isopropyltoluene	13.26	119	488919	59.302	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	256695	54.743	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	254640	51.350	ug/l	99
89) n-Butylbenzene	13.59	91	415473	57.383	ug/l	100
90) Hexachloroethane	13.85	117	77925	54.407	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	243546	52.897	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30434	47.139	ug/l	99

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QLast Update : Mon Nov 23 13:54:12 2020
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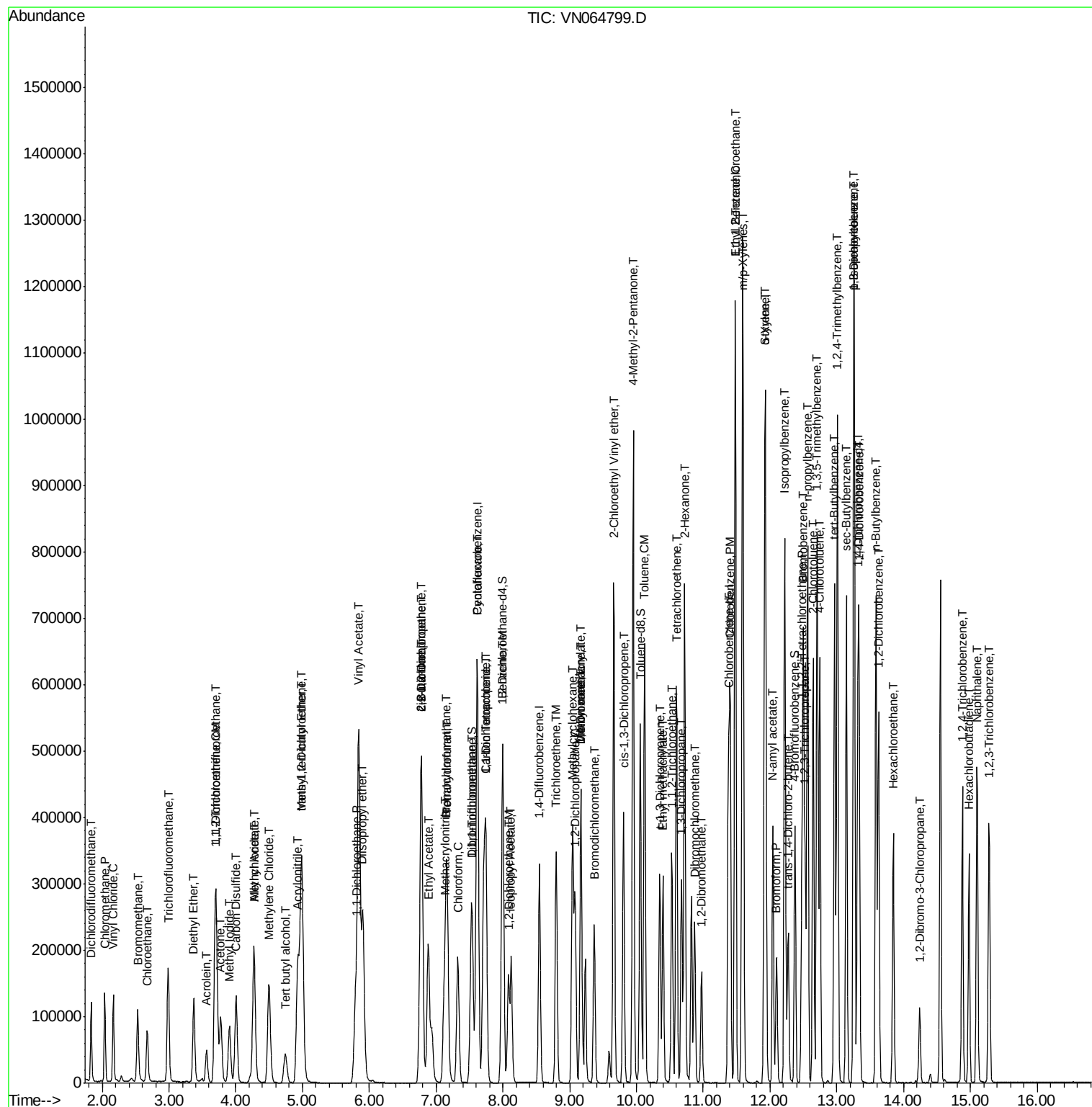
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	150570	52.865	ug/l	98
94) Hexachlorobutadiene	14.98	225	67655	52.729	ug/l	100
95) Naphthalene	15.10	128	427227	50.069	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	139984	51.671	ug/l	99

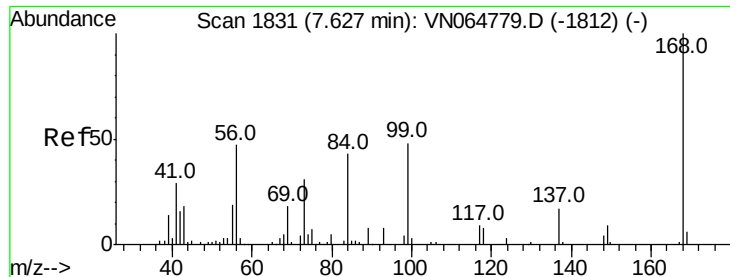
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

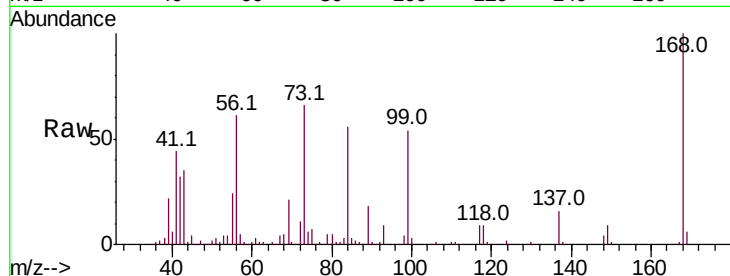
VSTDCCC050

Tot Ion:168 Resp: 203922

Ion Ratio Lower Upper

168 100

99 53.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064779.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN064779.D (-1812) (-)

7.62

80000

60000

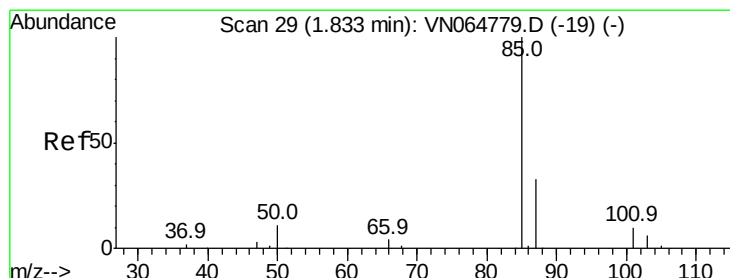
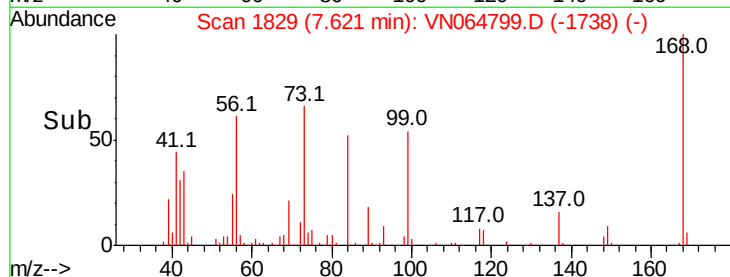
40000

20000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.815 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064799.D

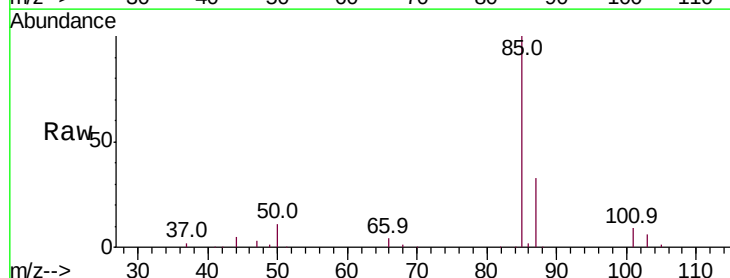
Acq: 24 Nov 2020 9:55

Tgt Ion: 85 Resp: 89807

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN064779.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VN064779.D (-19) (-)

1.83

80000

60000

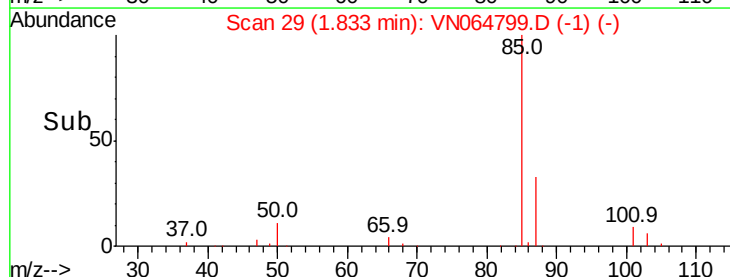
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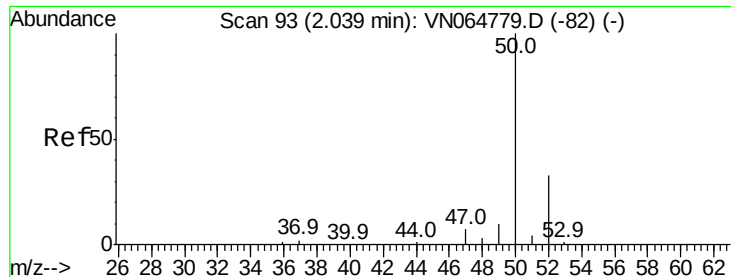
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 48.413 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

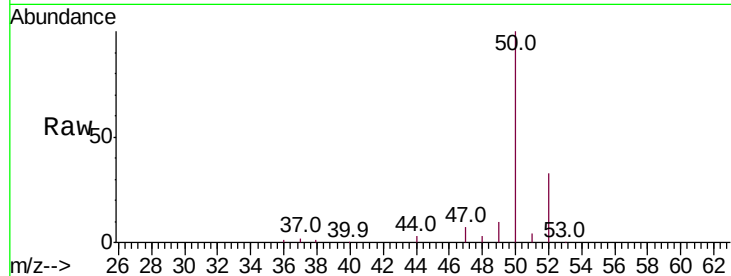
VSTDCCC050

Tot Ion: 50 Resp: 111188

Ion Ratio Lower Upper

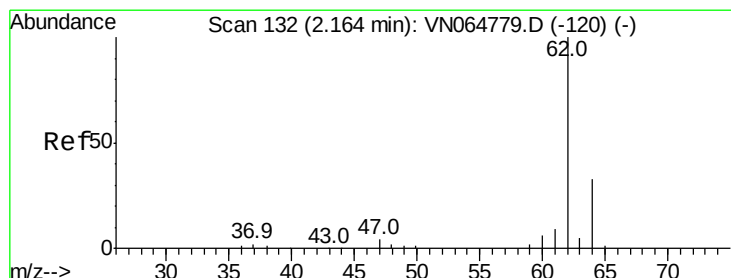
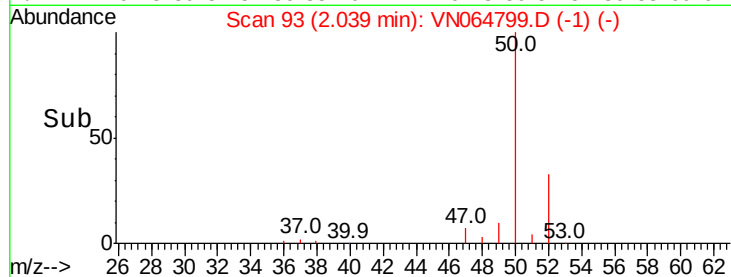
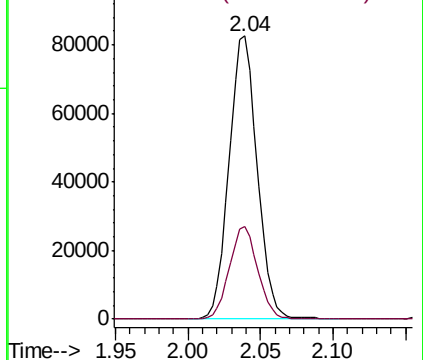
50 100

52 32.7 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 49.612 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064799.D

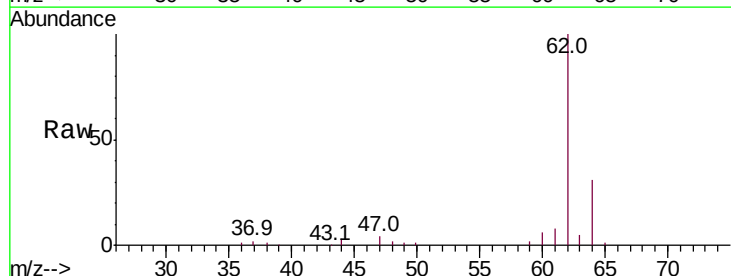
Acq: 24 Nov 2020 9:55

Tgt Ion: 62 Resp: 118794

Ion Ratio Lower Upper

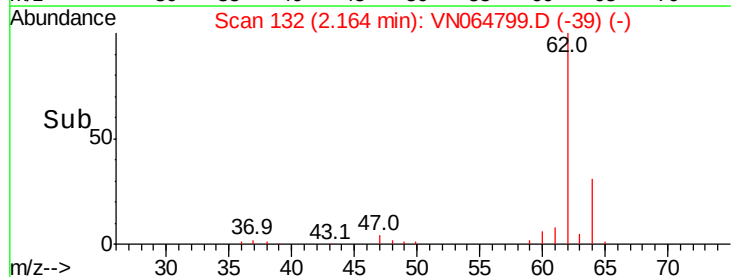
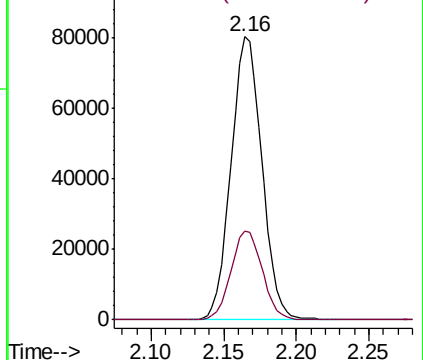
62 100

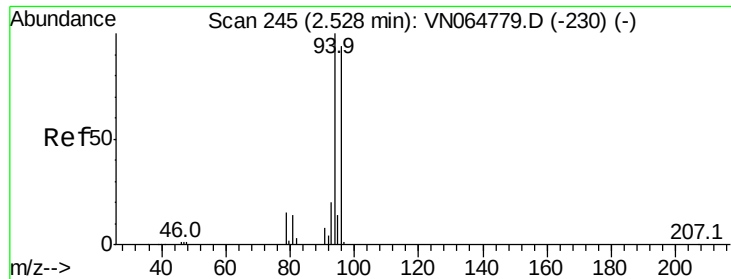
64 31.4 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 49.062 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

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ClientSampleId :

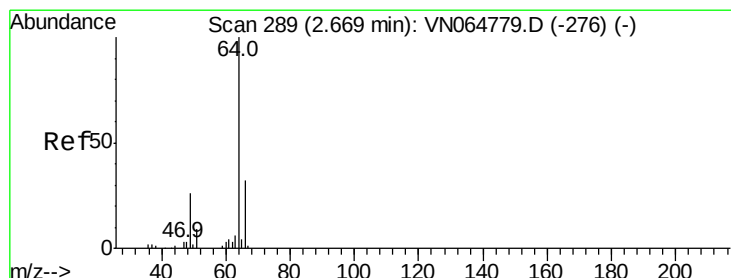
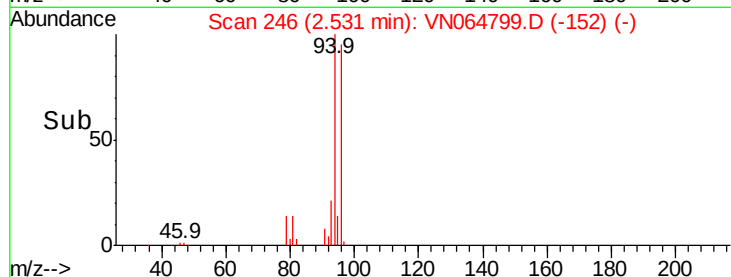
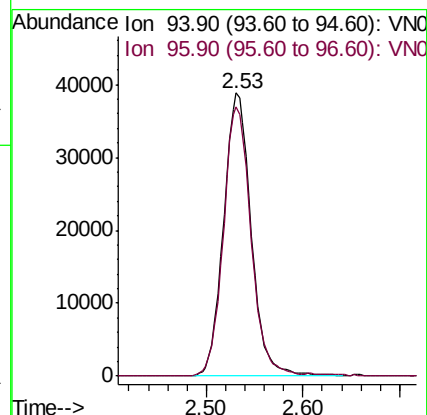
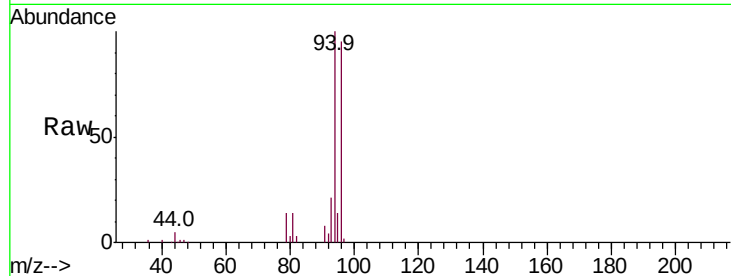
VSTDCCC050

Tot Ion: 94 Resp: 77074

Ion Ratio Lower Upper

94 100

96 95.3 75.4 113.0



#6

Chloroethane

Concen: 50.713 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064799.D

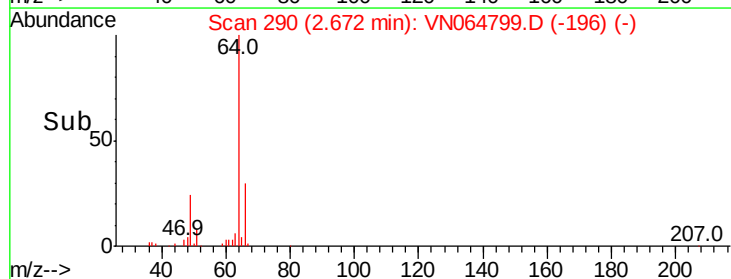
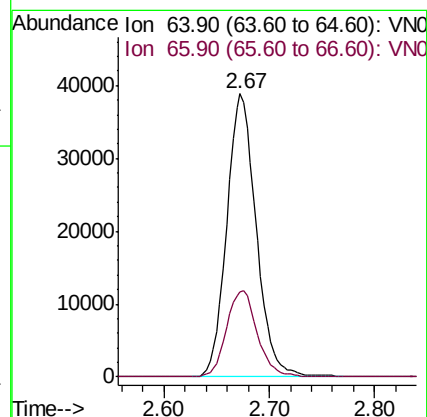
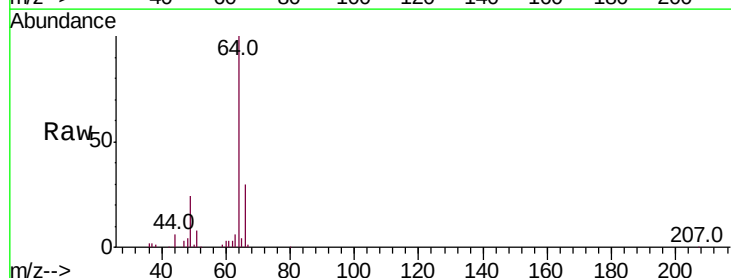
Acq: 24 Nov 2020 9:55

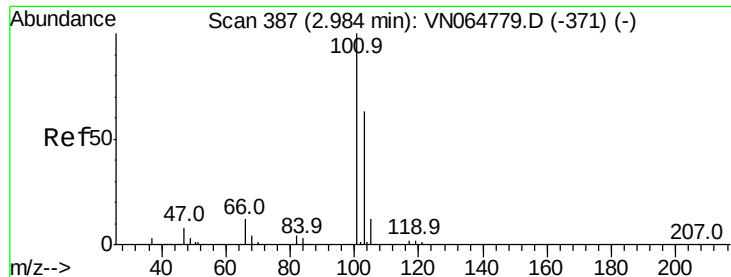
Tgt Ion: 64 Resp: 75105

Ion Ratio Lower Upper

64 100

66 30.2 25.6 38.4



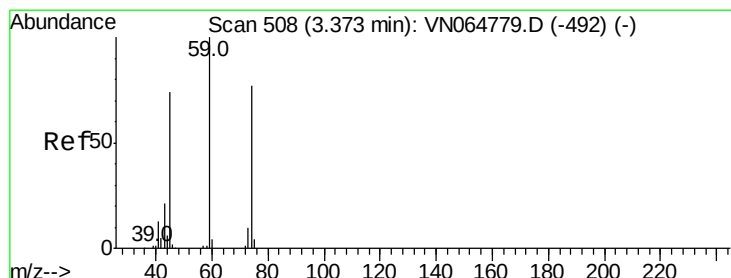
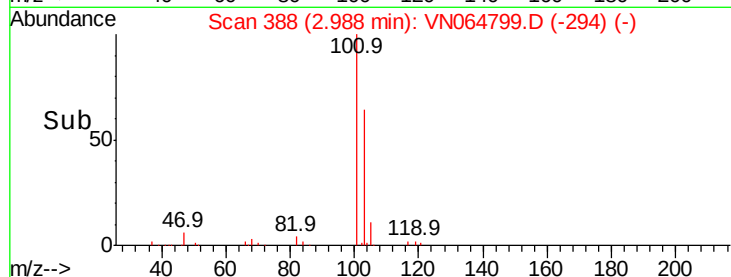
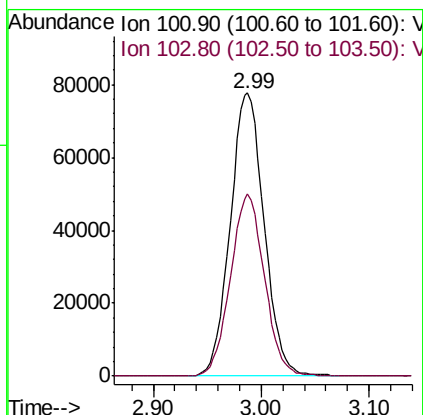
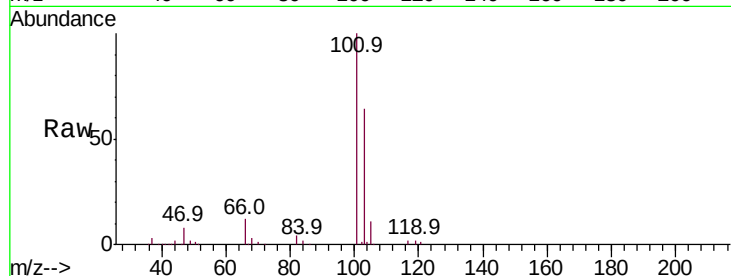


#7

Trichlorofluoromethane
 Concen: 51.422 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Instrument :
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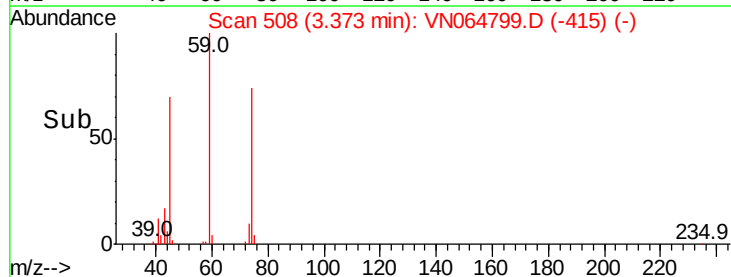
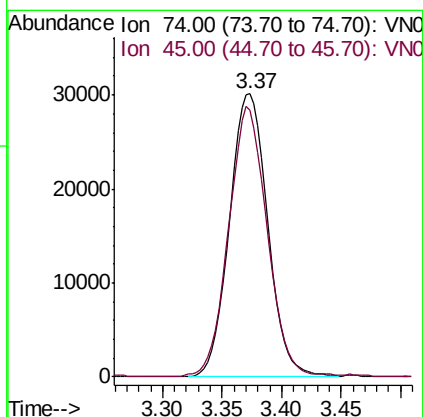
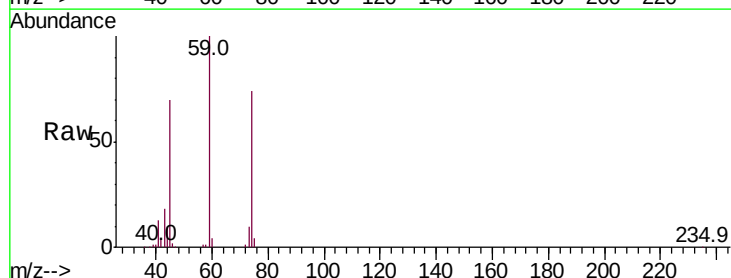
Tot Ion:101 Resp: 170200
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.5 75.7

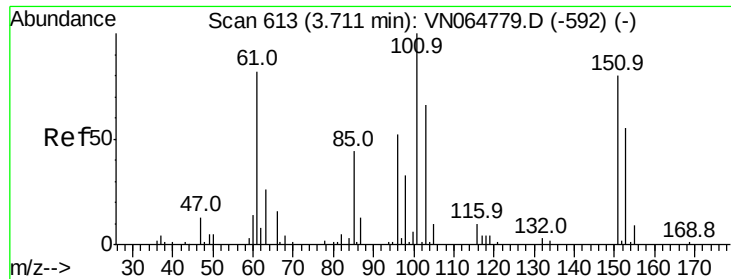


#8

Diethyl Ether
 Concen: 51.329 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Tgt Ion: 74 Resp: 67061
 Ion Ratio Lower Upper
 74 100
 45 96.0 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.775 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064799.D

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VSTDCCC050

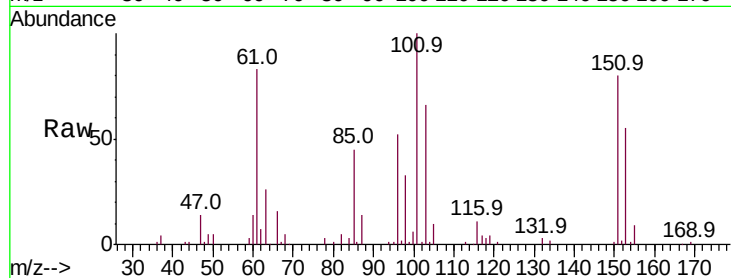
Tot Ion:101 Resp: 106773

Ion Ratio Lower Upper

101 100

85 41.8 34.4 51.6

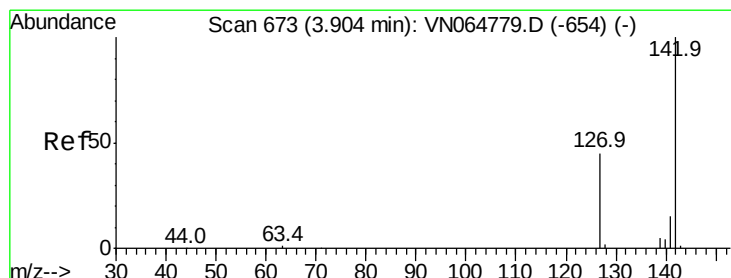
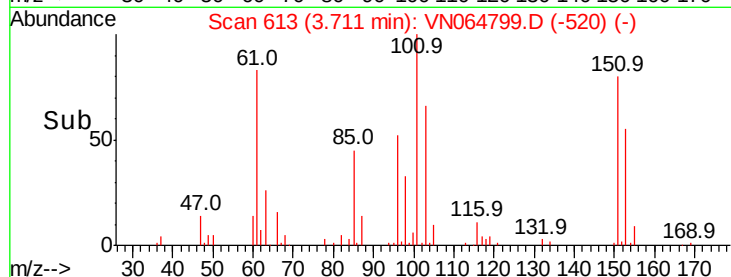
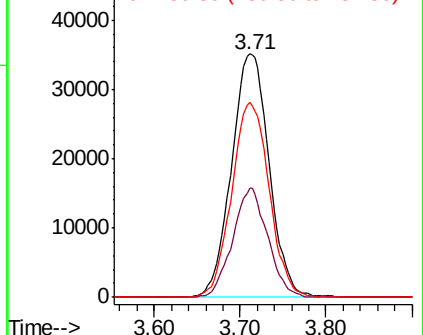
151 79.5 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.909 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

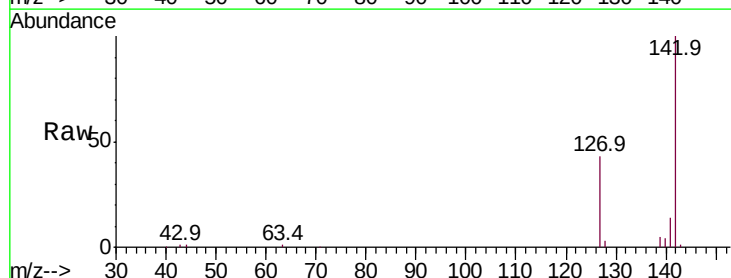
Tgt Ion:142 Resp: 136264

Ion Ratio Lower Upper

142 100

127 42.7 35.0 52.6

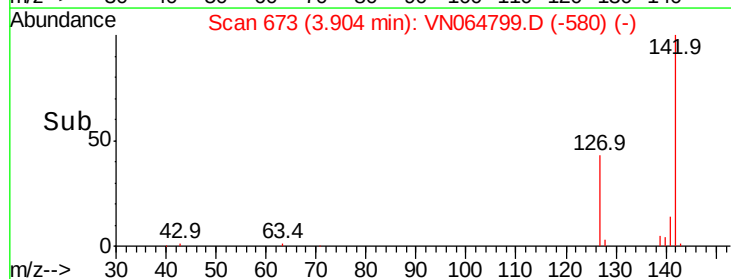
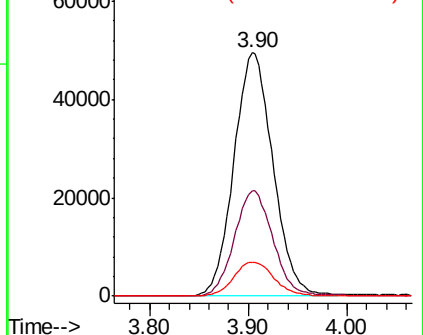
141 14.3 11.8 17.6

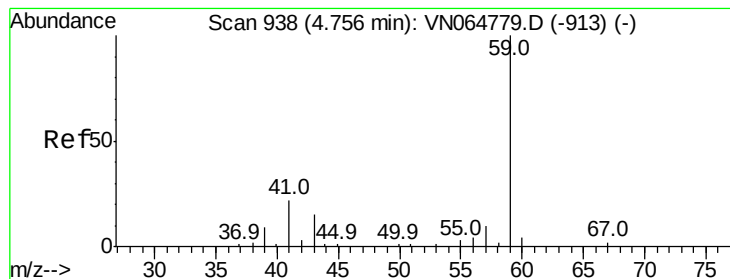


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



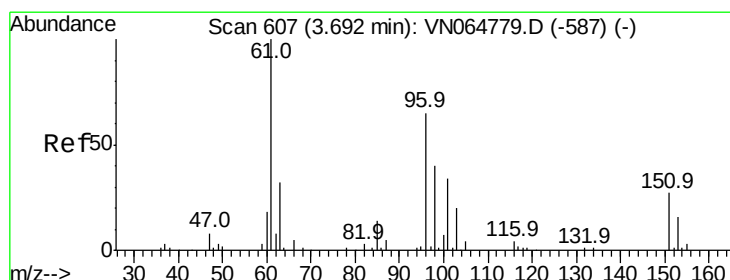
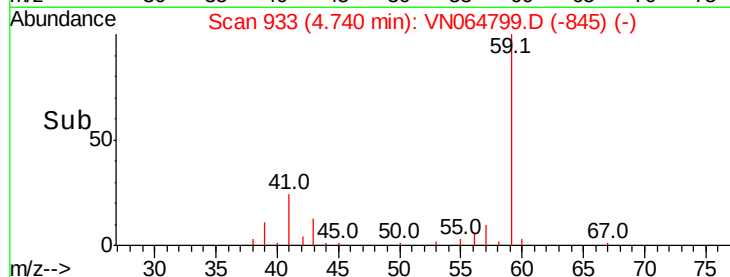
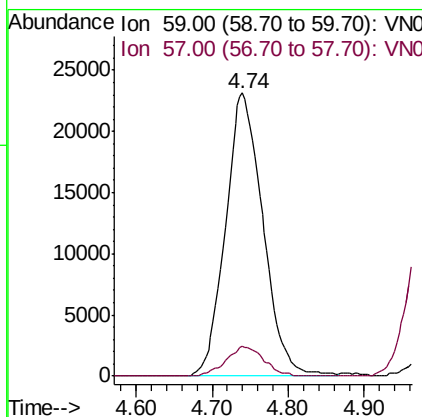
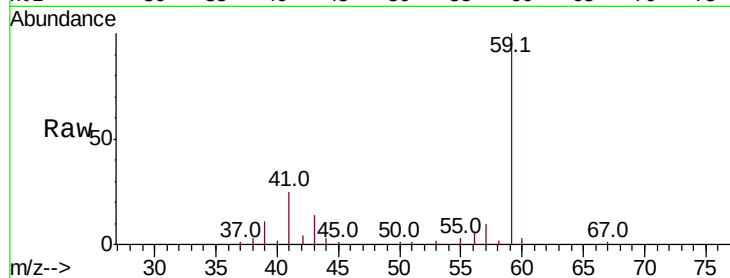


#11

Tert butyl alcohol
 Concen: 214.294 ug/l
 RT: 4.74 min Scan# 933
 Delta R.T. -0.02 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

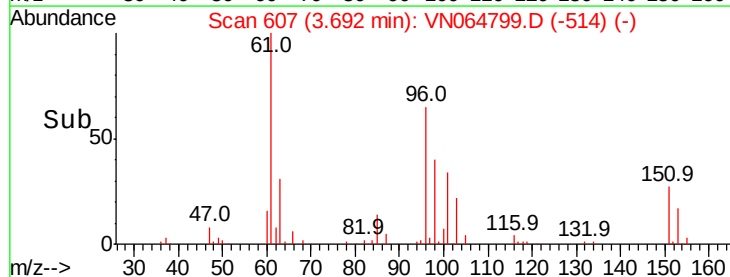
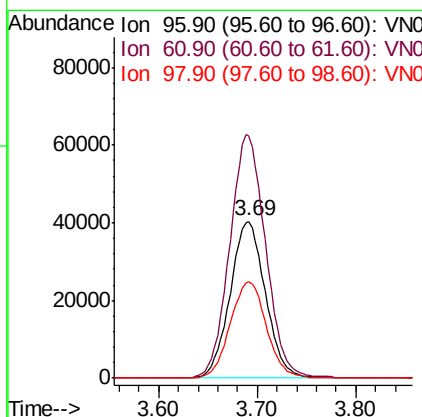
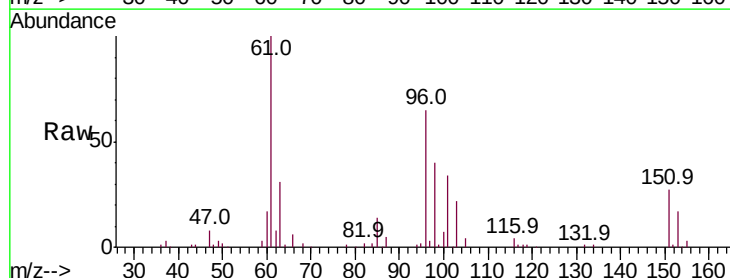
Tot Ion: 59 Resp: 79229
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.9 11.9

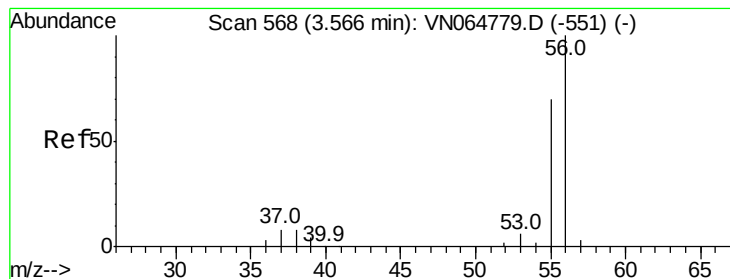


#12

1,1-Dichloroethene
 Concen: 50.944 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Tgt Ion: 96 Resp: 100738
 Ion Ratio Lower Upper
 96 100
 61 154.1 123.4 185.2
 98 61.7 49.8 74.8





#13

Acrolein

Concen: 241.751 ug/l

RT: 3.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

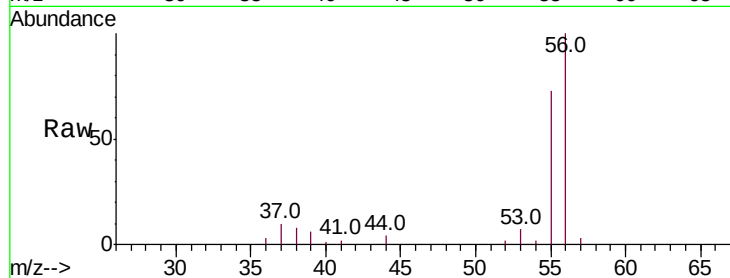
VSTDCCC050

Tot Ion: 56 Resp: 54595

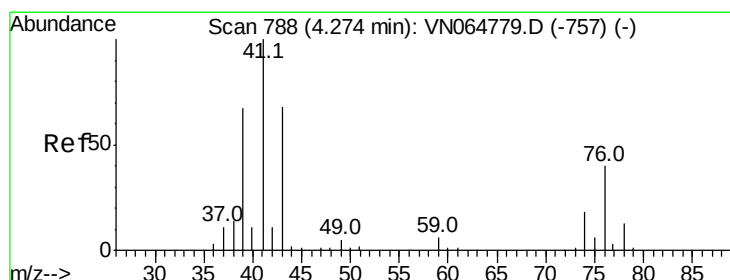
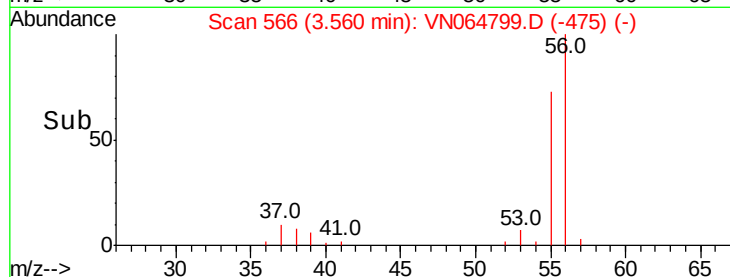
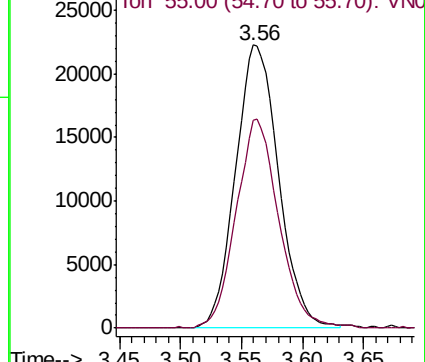
Ion Ratio Lower Upper

56 100

55 73.2 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN064779.D (-551) (-)



#14

Allyl chloride

Concen: 50.204 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

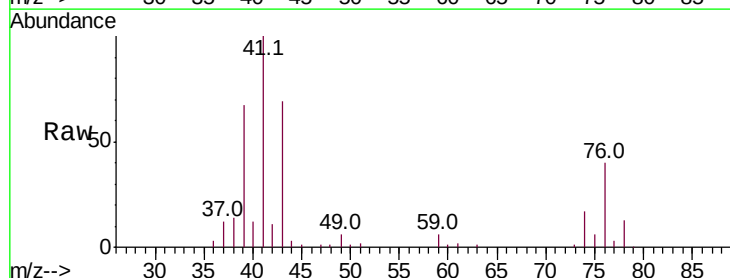
Tgt Ion: 41 Resp: 163739

Ion Ratio Lower Upper

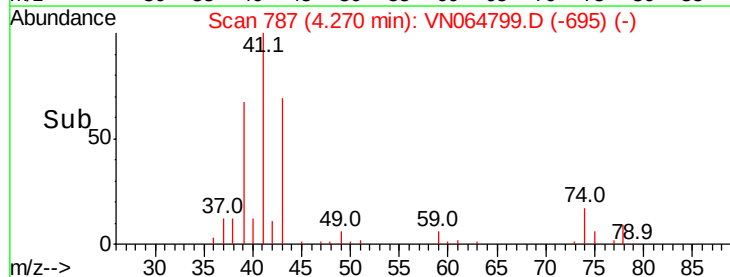
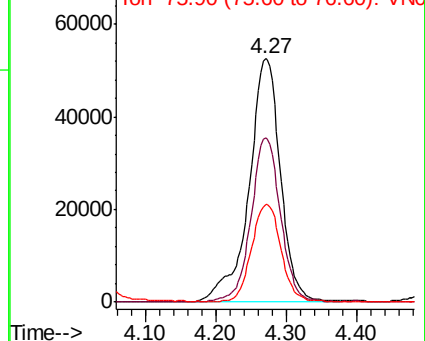
41 100

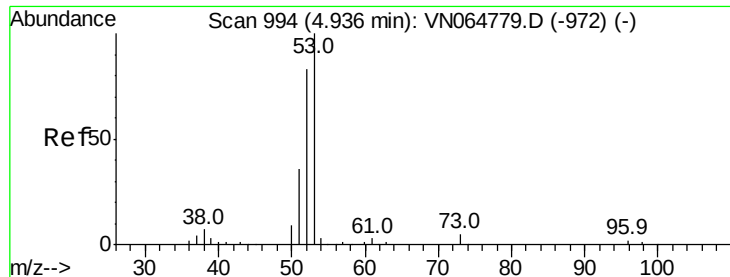
39 63.2 50.9 76.3

76 37.7 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-757) (-)





#15

Acrylonitrile

Concen: 241.151 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

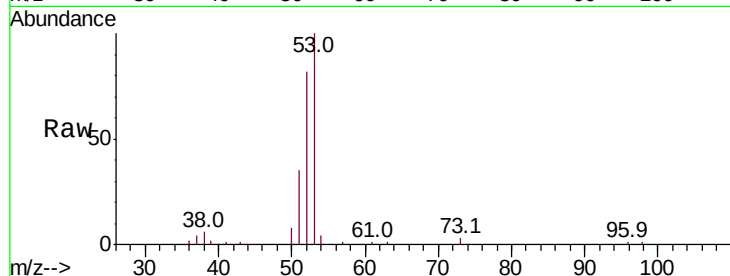
Tot Ion: 53 Resp: 246303

Ion Ratio Lower Upper

53 100

52 81.6 65.5 98.3

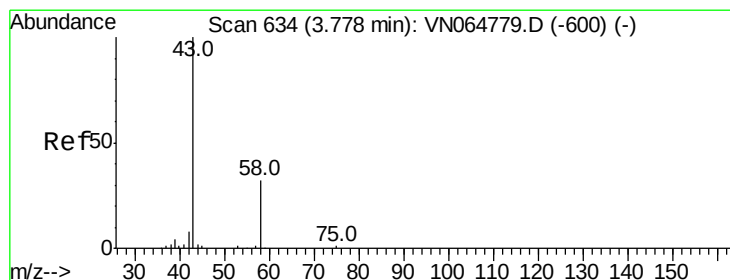
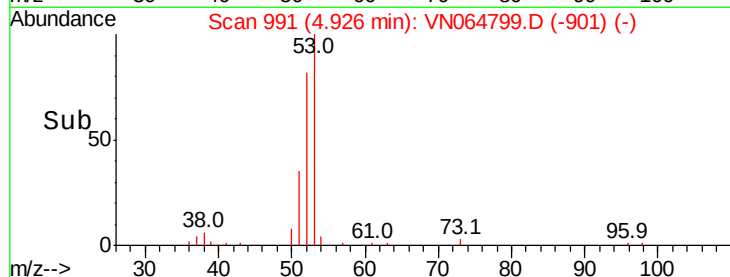
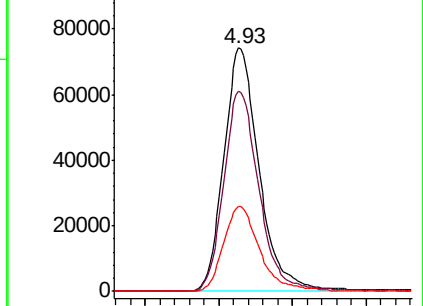
51 35.3 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064779.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN064779.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN064779.D (-972) (-)



#16

Acetone

Concen: 205.737 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.01 min

Lab File: VN064799.D

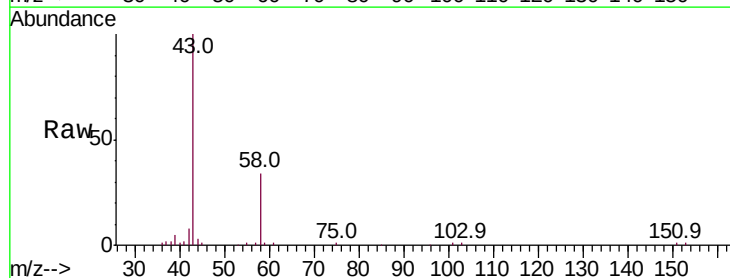
Acq: 24 Nov 2020 9:55

Tgt Ion: 43 Resp: 160336

Ion Ratio Lower Upper

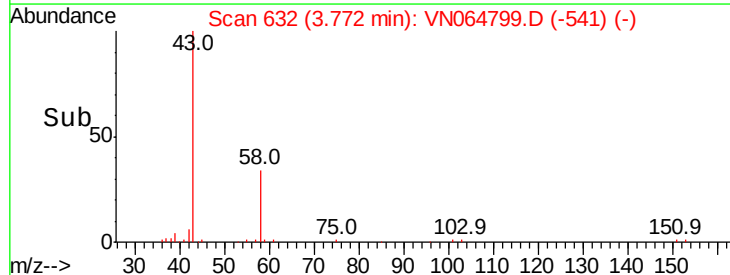
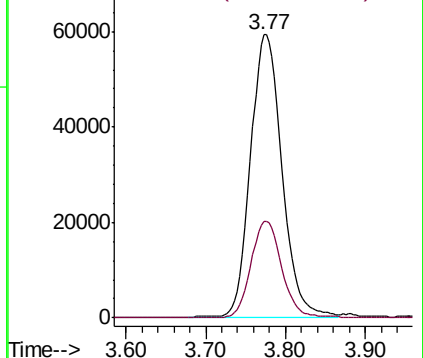
43 100

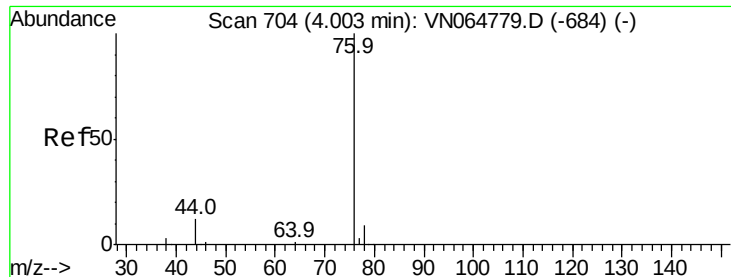
58 34.0 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)





#17

Carbon Disulfide

Concen: 51.835 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampled :

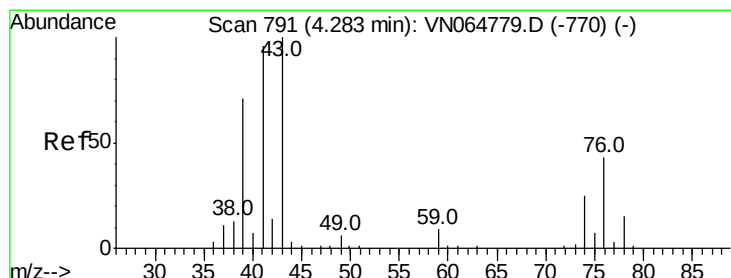
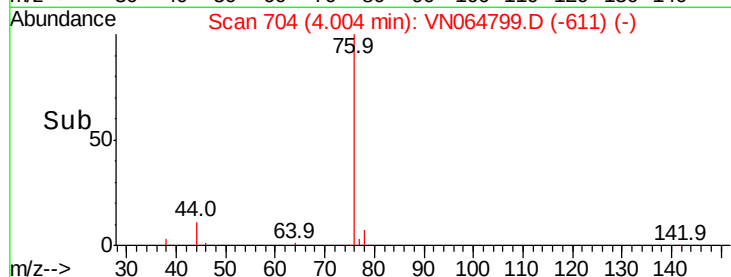
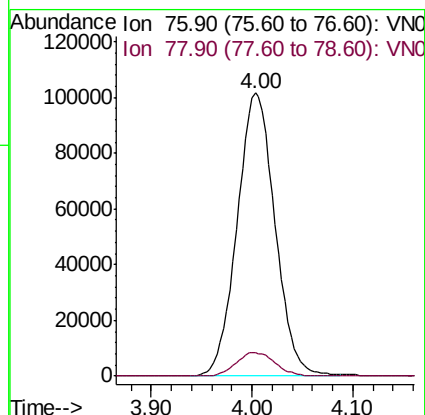
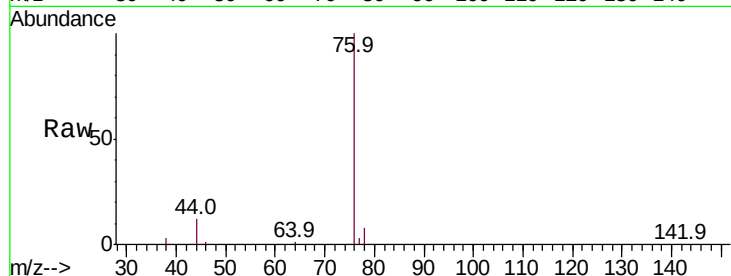
VSTDCCC050

Tot Ion: 76 Resp: 264657

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.0



#18

Methyl Acetate

Concen: 46.347 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN064799.D

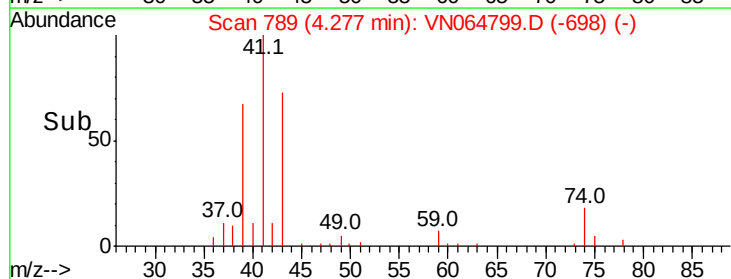
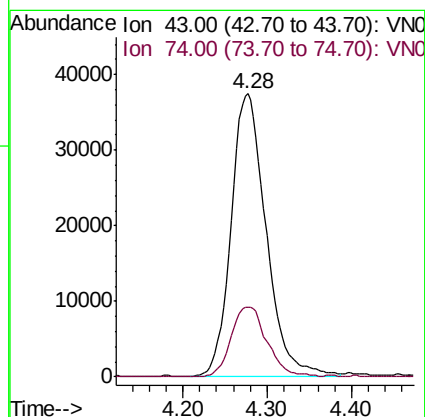
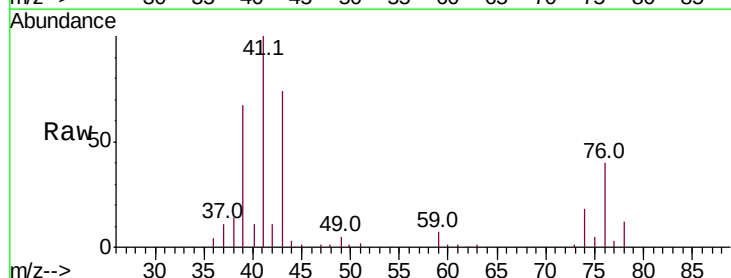
Acq: 24 Nov 2020 9:55

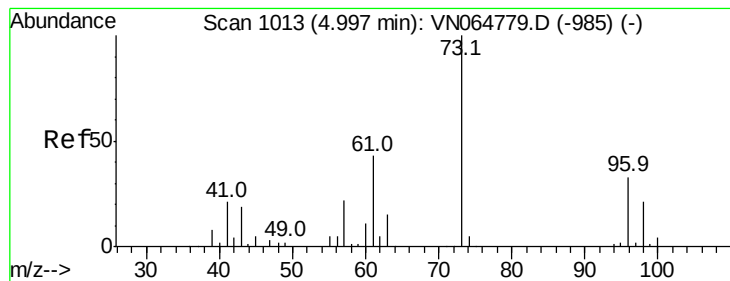
Tgt Ion: 43 Resp: 108596

Ion Ratio Lower Upper

43 100

74 25.3 20.2 30.2



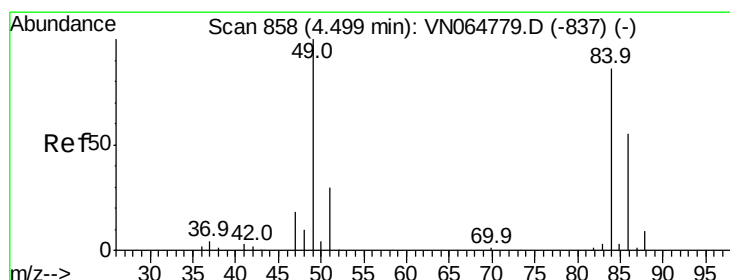
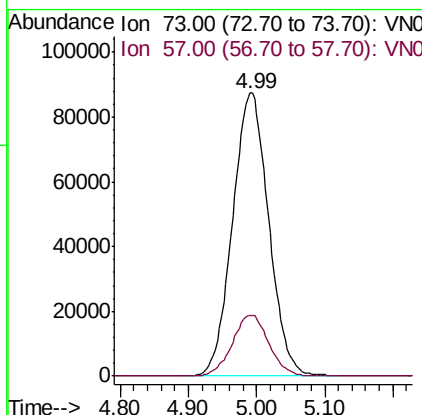
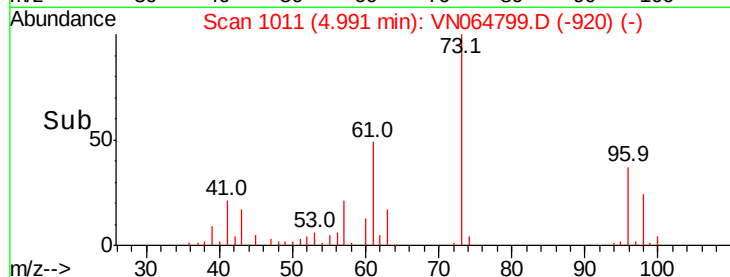
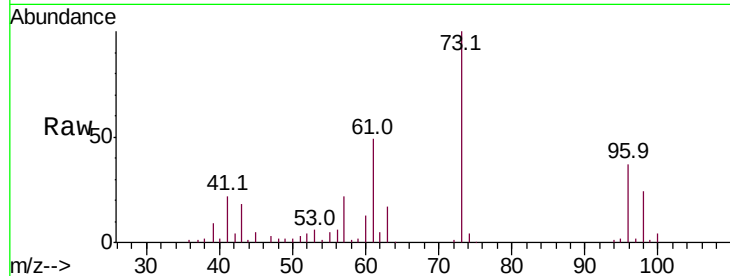


#19

Methyl tert-butyl Ether
 Concen: 50.714 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

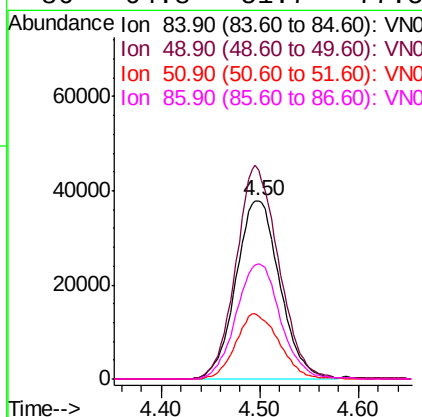
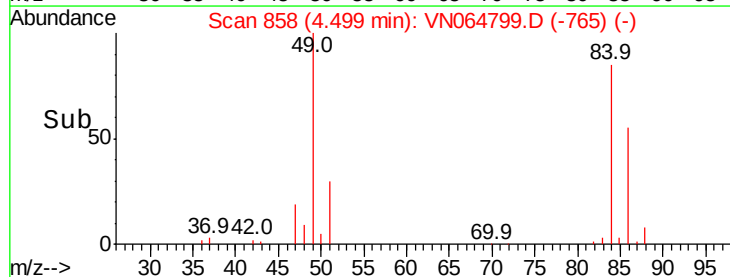
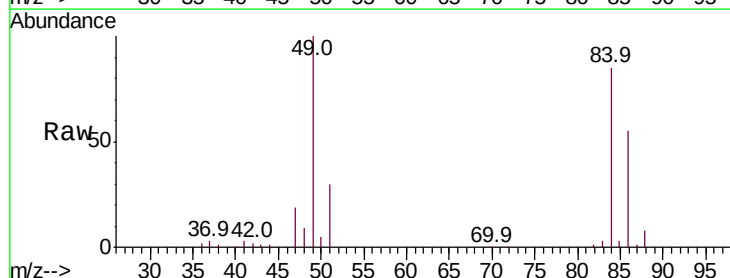
Tot Ion: 73 Resp: 321633
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.4 26.0

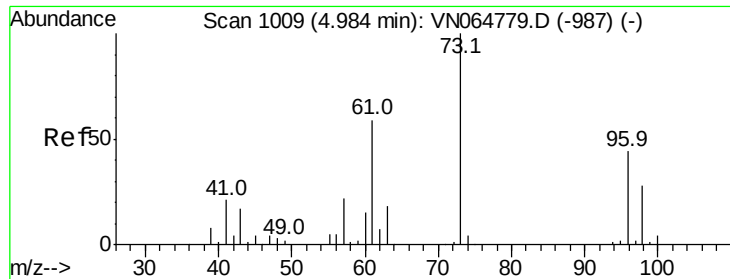


#20

Methylene Chloride
 Concen: 47.815 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Tgt Ion: 84 Resp: 116767
 Ion Ratio Lower Upper
 84 100
 49 117.2 93.4 140.0
 51 35.4 28.2 42.4
 86 64.8 51.7 77.5

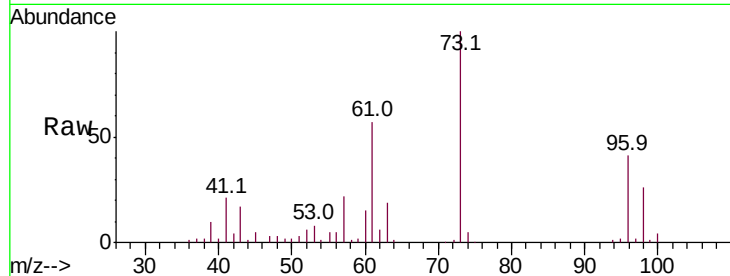




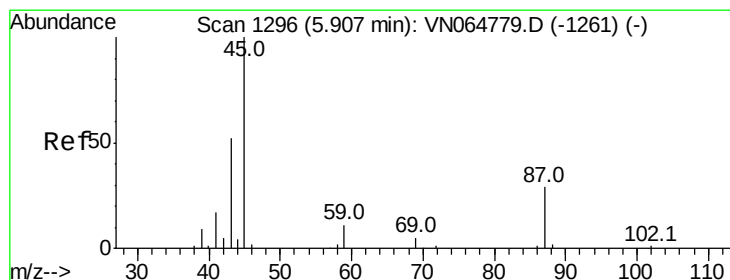
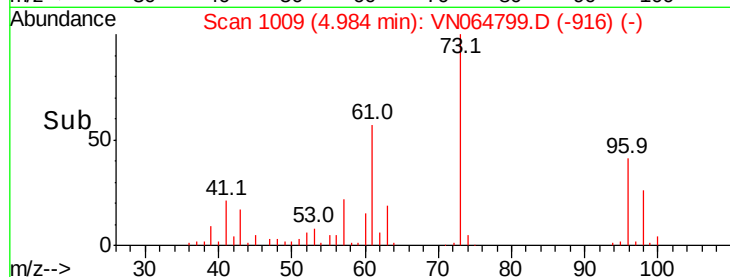
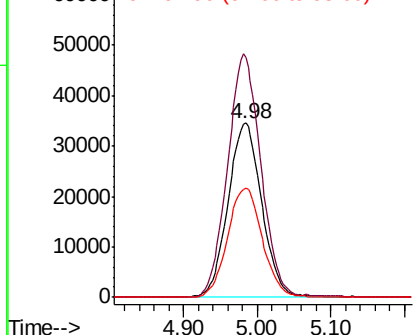
#21
trans-1,2-Dichloroethene
Concen: 50.064 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 109938
Ion Ratio Lower Upper
96 100
61 138.0 108.4 162.6
98 62.4 51.3 76.9

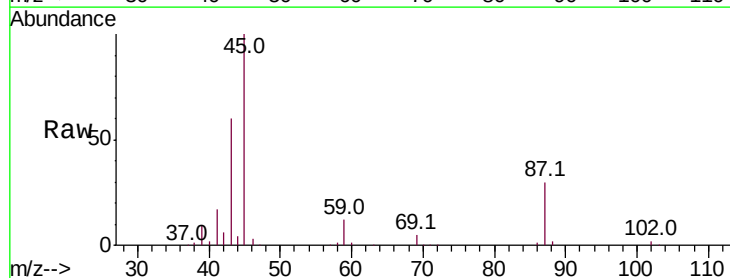


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

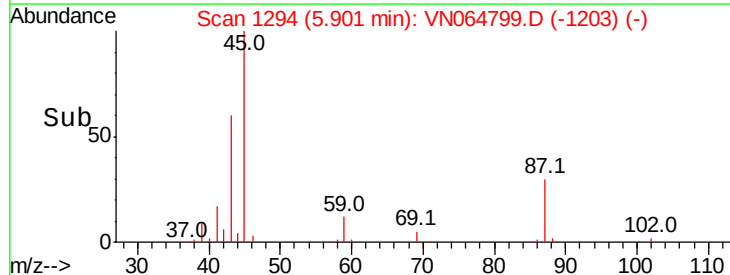
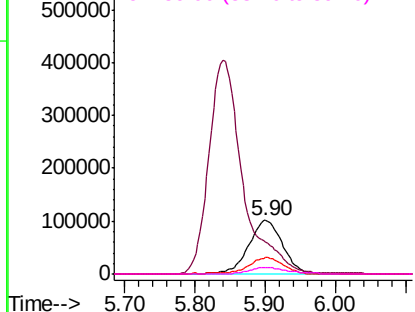


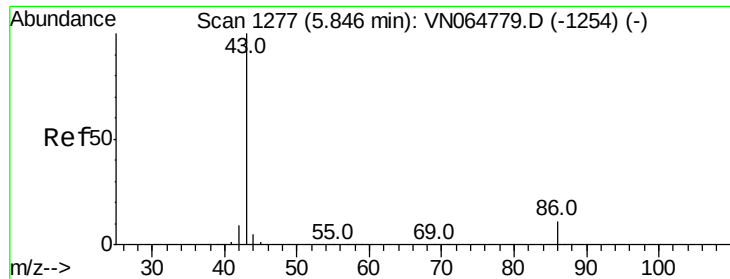
#22
Diisopropyl ether
Concen: 52.303 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

Tgt Ion: 45 Resp: 341440
Ion Ratio Lower Upper
45 100
43 58.3 46.2 69.2
87 29.7 24.1 36.1
59 11.6 9.0 13.4



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

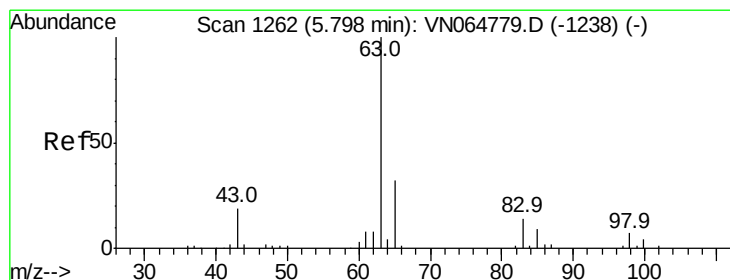
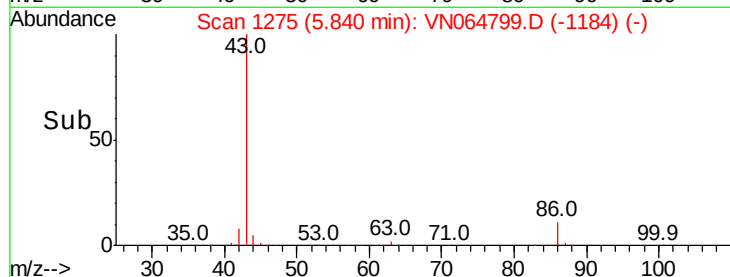
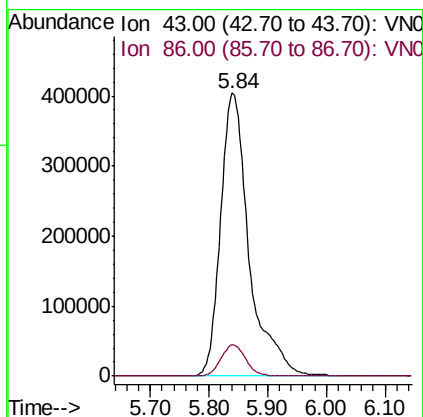
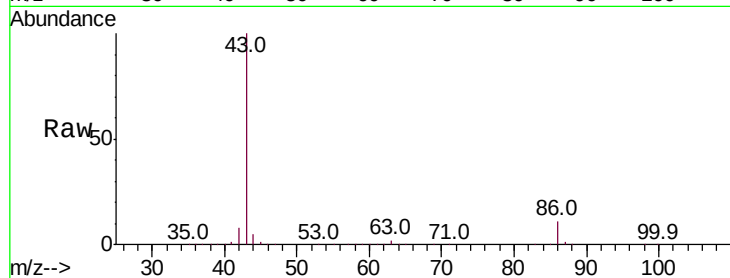




#23
 Vinyl Acetate
 Concen: 261.272 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

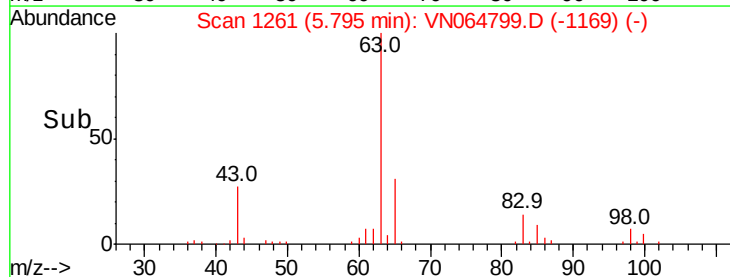
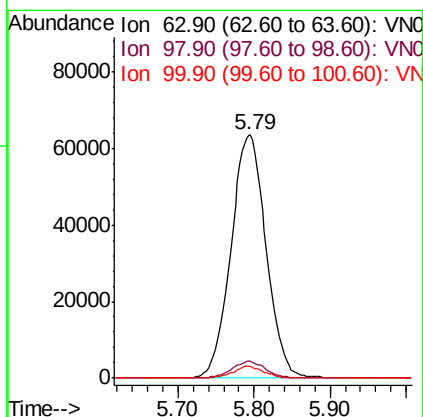
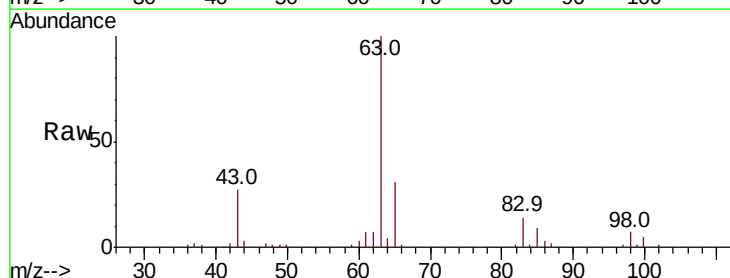
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

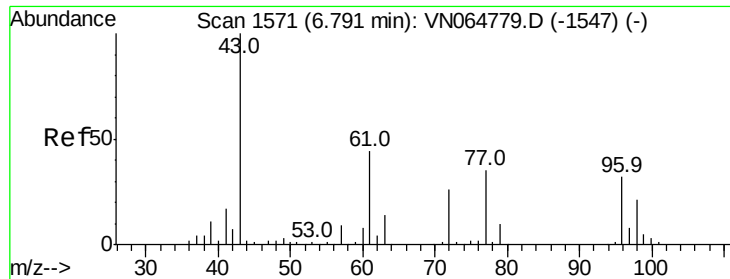
Tot Ion: 43 Resp: 1363930
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 52.187 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Tgt Ion: 63 Resp: 203601
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.8 2.3 6.8

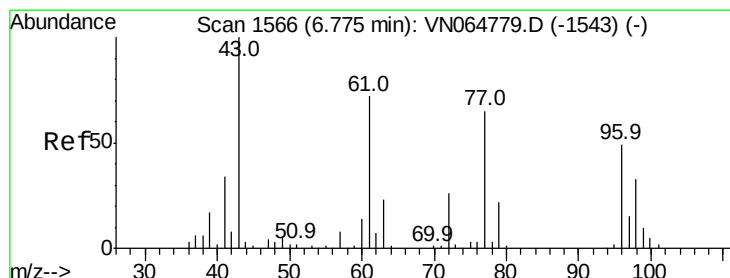
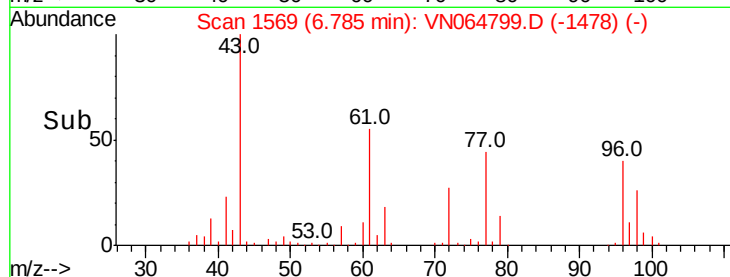
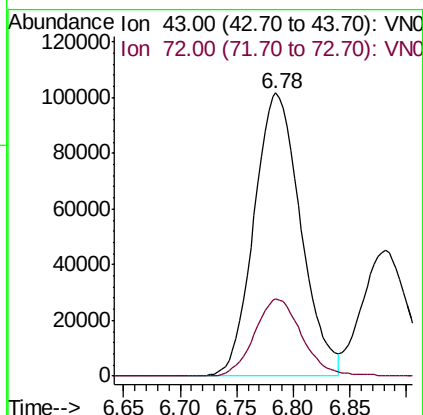
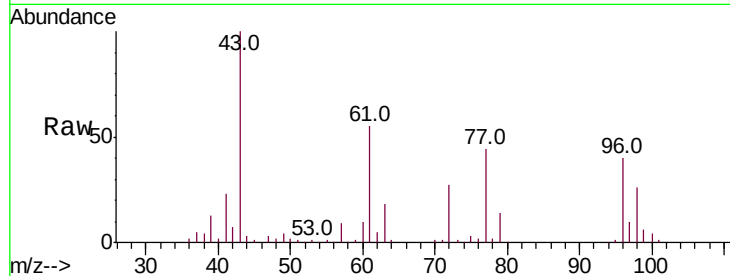




#25
2-Butanone
Concen: 228.950 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

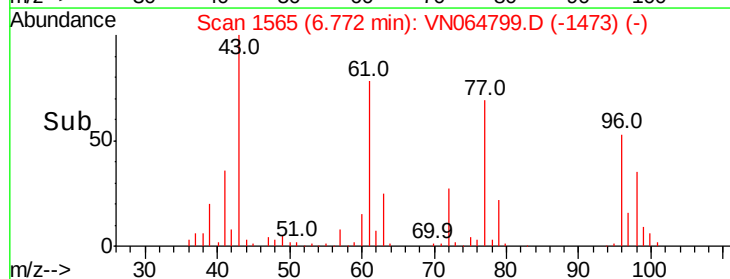
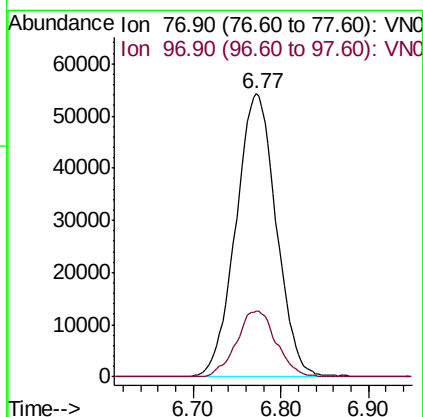
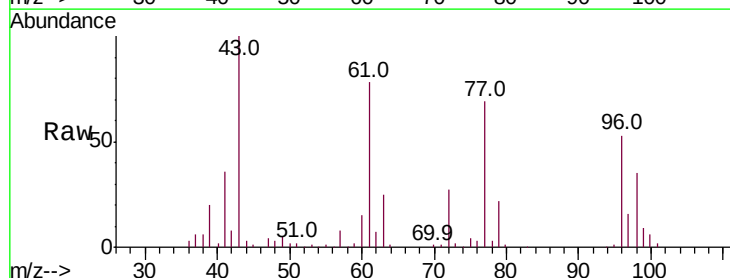
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

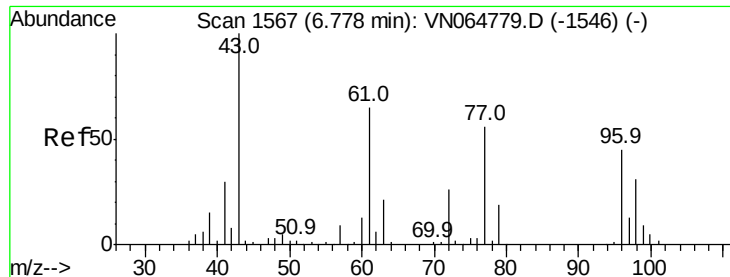
Tot Ion: 43 Resp: 289238
Ion Ratio Lower Upper
43 100
72 27.4 21.0 31.6



#26
2,2-Dichloropropane
Concen: 51.306 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

Tgt Ion: 77 Resp: 173603
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 51.307 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

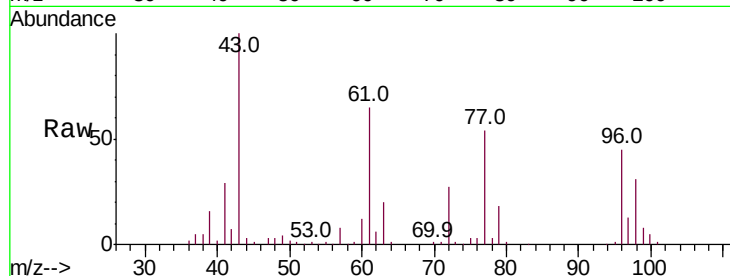
Tot Ion: 96 Resp: 126779

Ion Ratio Lower Upper

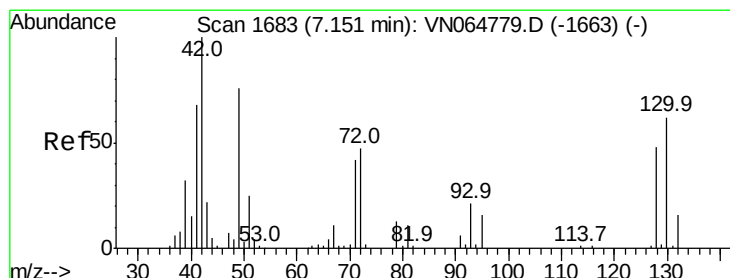
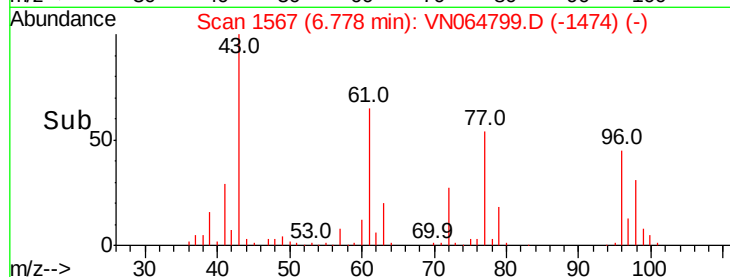
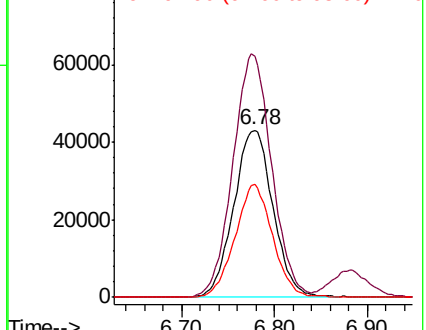
96 100

61 143.5 0.0 285.8

98 64.2 0.0 130.6



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



#28

Bromochloromethane

Concen: 47.574 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.01 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

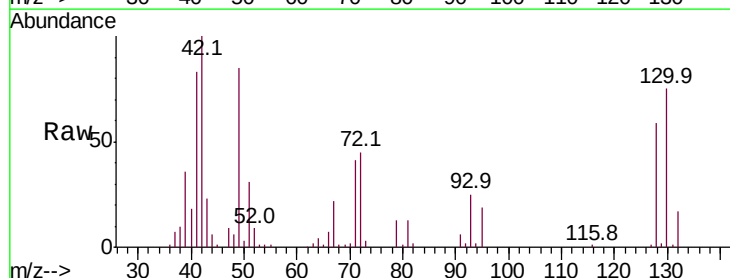
Tgt Ion: 49 Resp: 84910

Ion Ratio Lower Upper

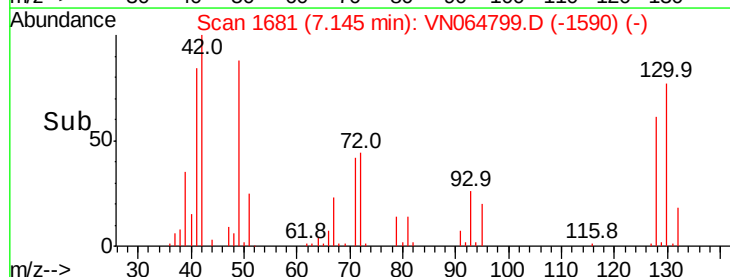
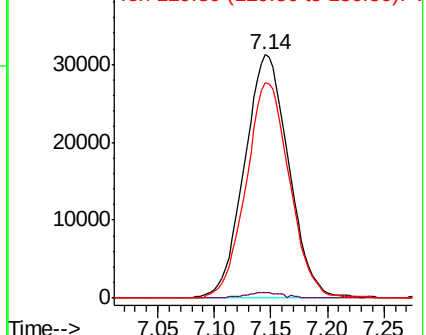
49 100

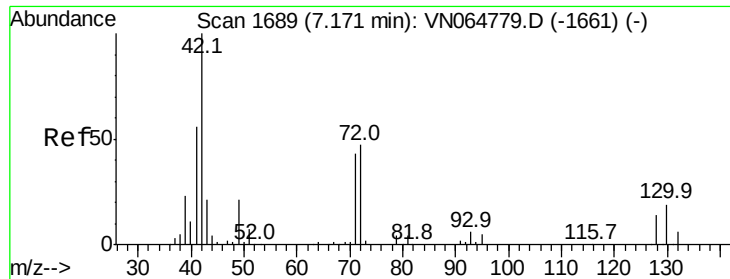
129 1.8 0.0 3.8

130 87.0 66.2 99.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 233.927 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.01 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

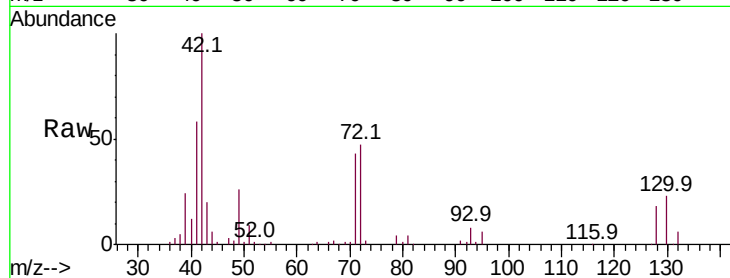
Tot Ion: 42 Resp: 203999

Ion Ratio Lower Upper

42 100

72 45.9 36.6 54.8

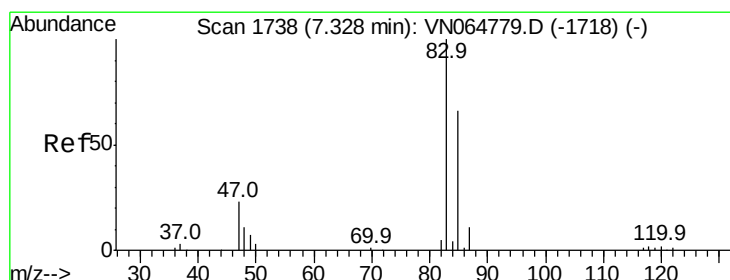
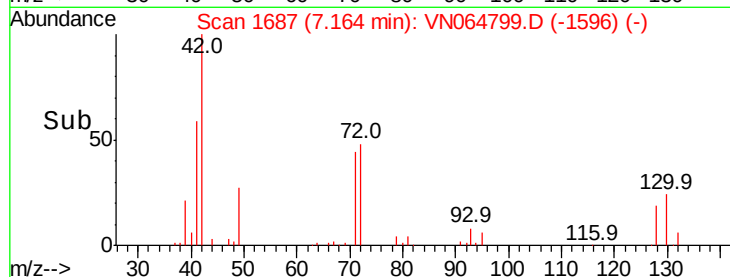
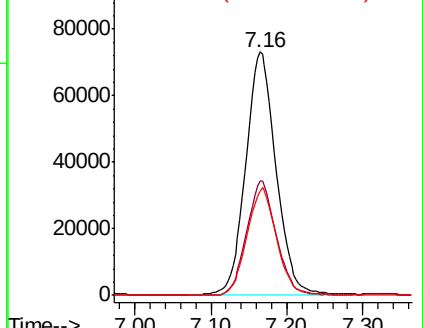
71 43.0 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 51.714 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064799.D

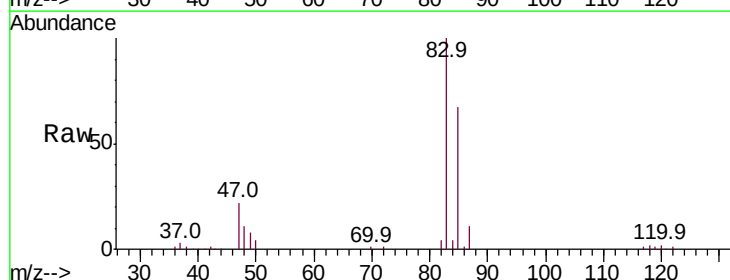
Acq: 24 Nov 2020 9:55

Tgt Ion: 83 Resp: 208061

Ion Ratio Lower Upper

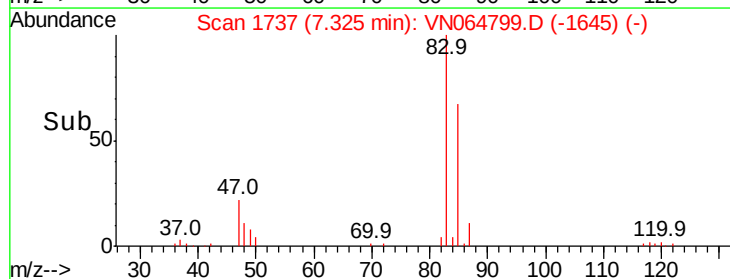
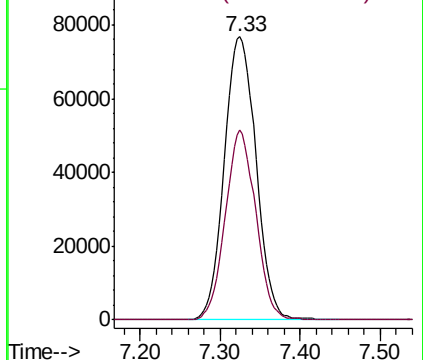
83 100

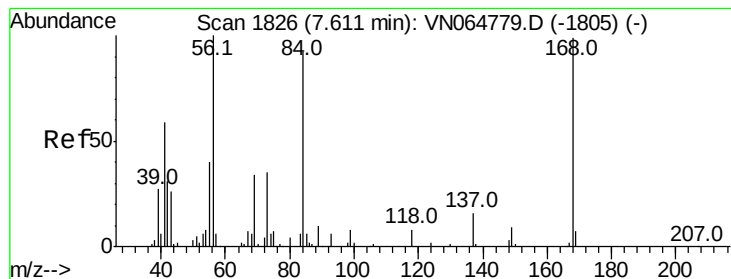
85 67.1 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 51.754 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

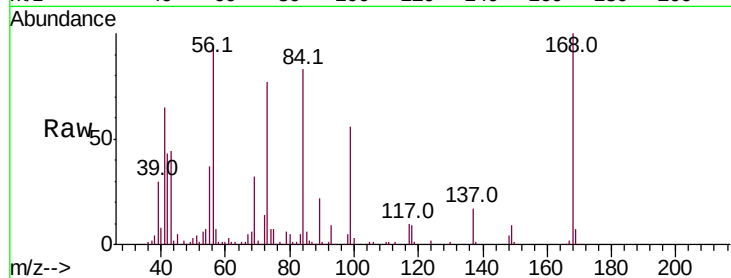
Tot Ion: 56 Resp: 171008

Ion Ratio Lower Upper

56 100

69 33.8 27.5 41.3

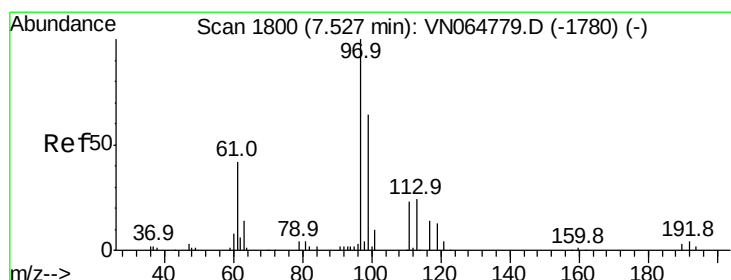
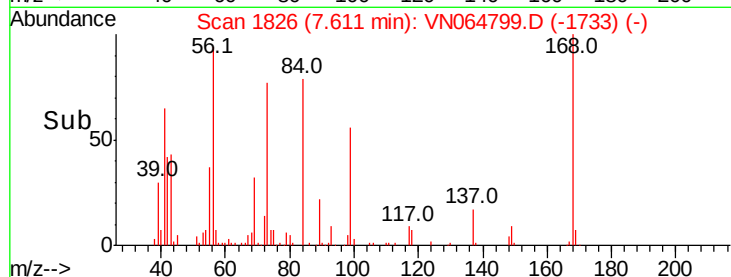
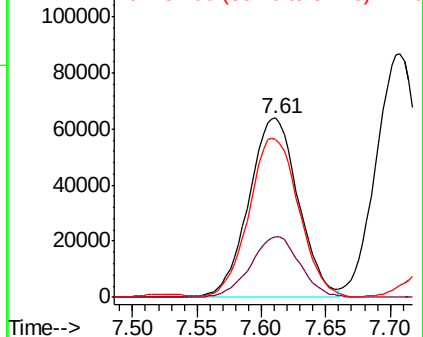
84 86.9 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064779.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN064779.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 51.723 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

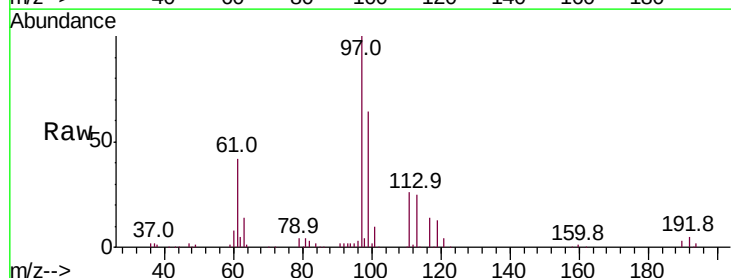
Tgt Ion: 97 Resp: 178729

Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

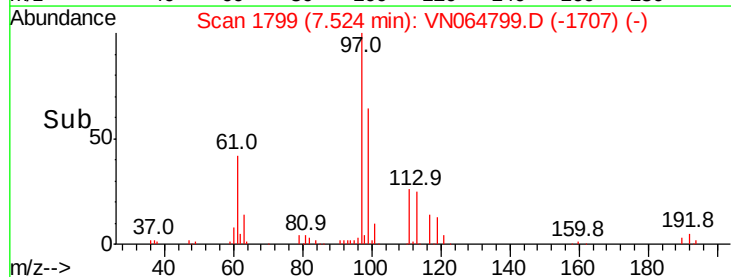
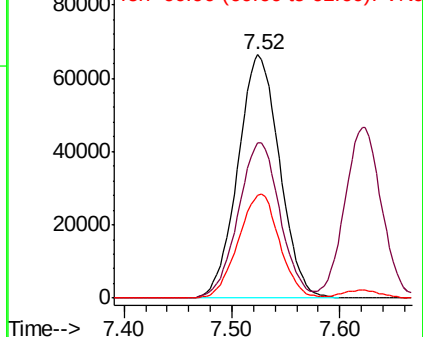
61 42.3 33.9 50.9

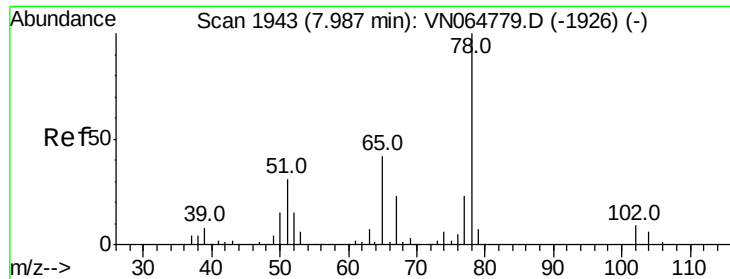


Abundance Ion 96.90 (96.60 to 97.60): VN064779.D (-1780) (-)

Ion 98.90 (98.60 to 99.60): VN064779.D (-1780) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1780) (-)

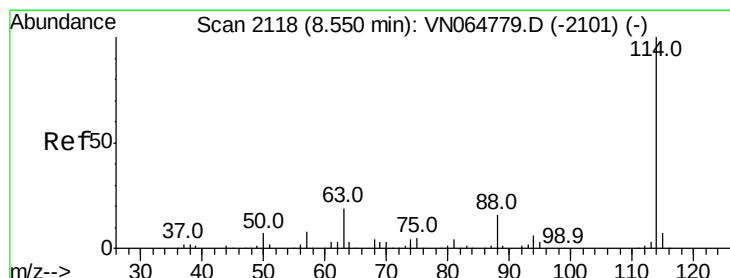
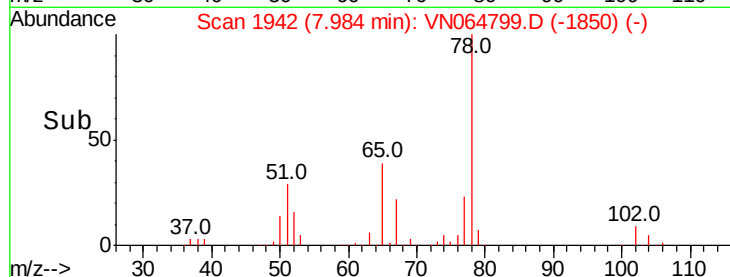
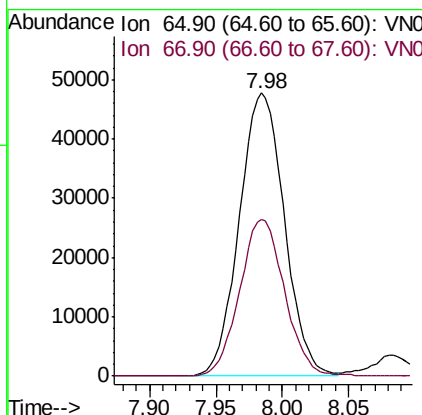
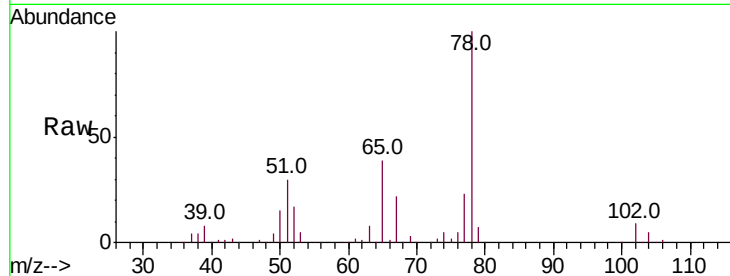




#33
 1,2-Dichloroethane-d4
 Concen: 47.568 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

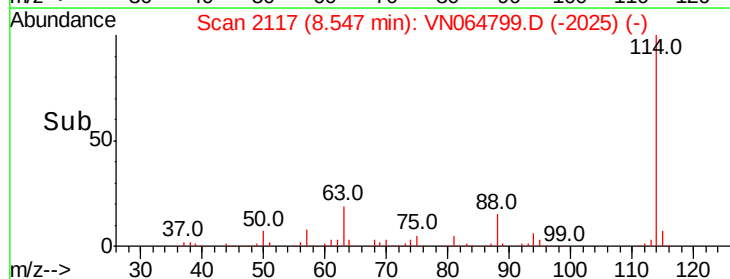
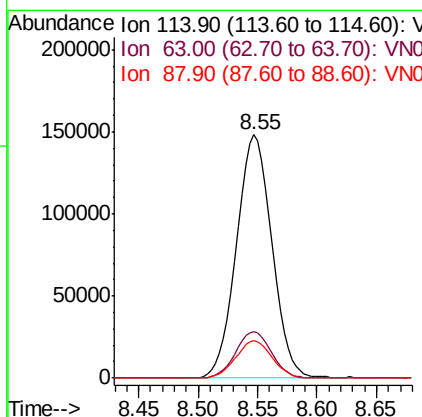
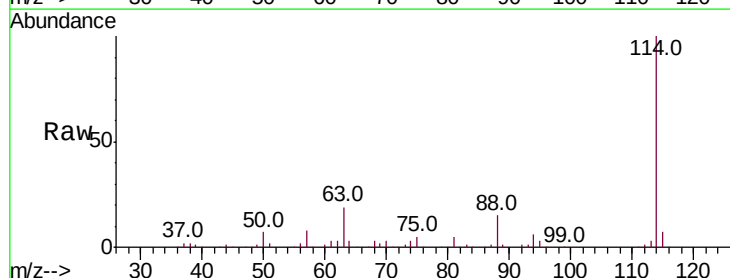
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

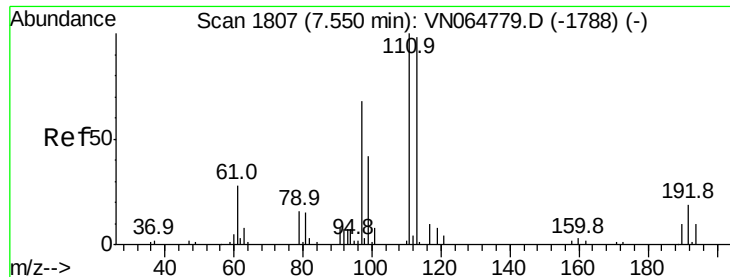
Tot Ion: 65 Resp: 112770
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Tgt Ion: 114 Resp: 306133
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.327 ug/l

RT: 7.54 min Scan# 1805

Delta R.T. -0.01 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

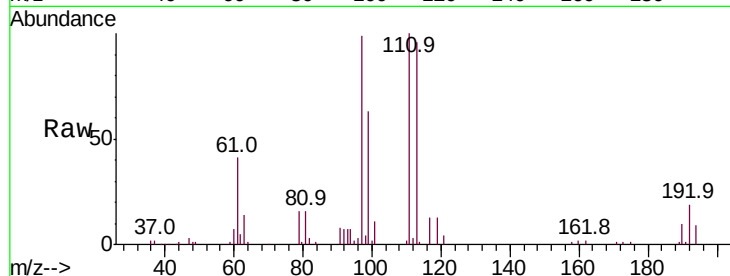
Tot Ion:113 Resp: 95853

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

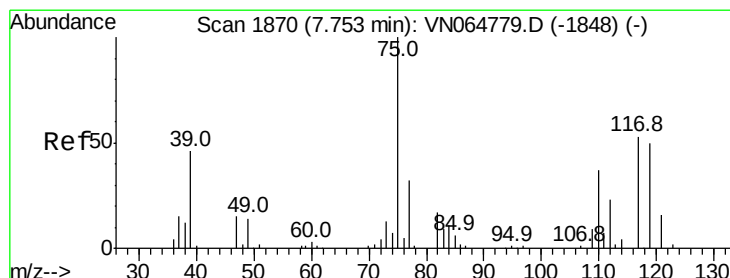
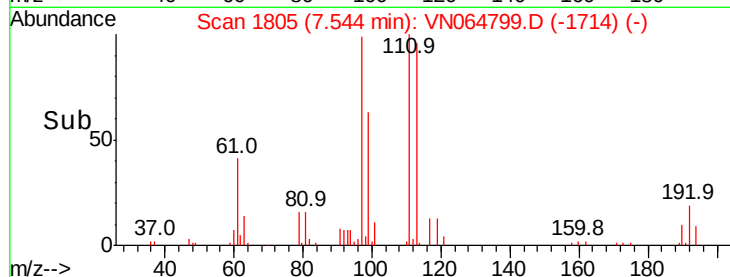
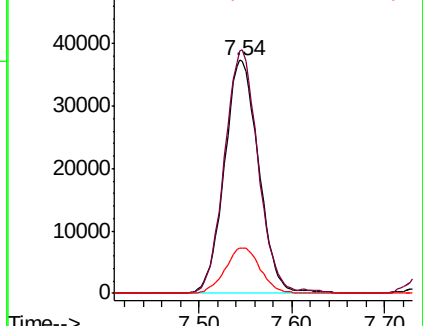
192 19.7 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 56.012 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

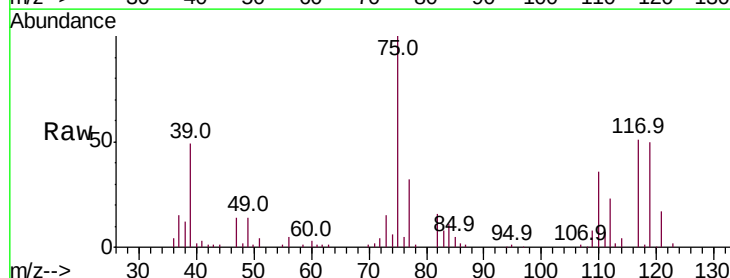
Tgt Ion: 75 Resp: 158937

Ion Ratio Lower Upper

75 100

110 35.5 17.8 53.3

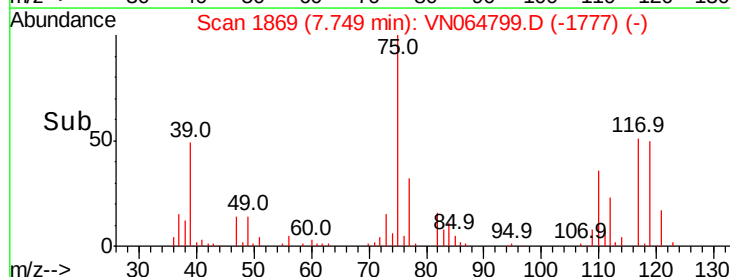
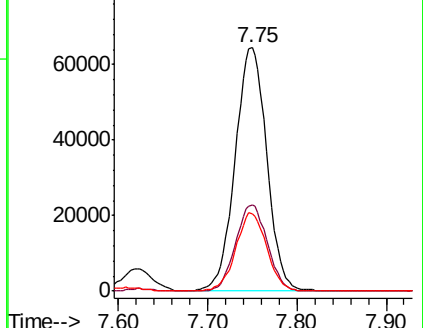
77 31.4 25.0 37.4

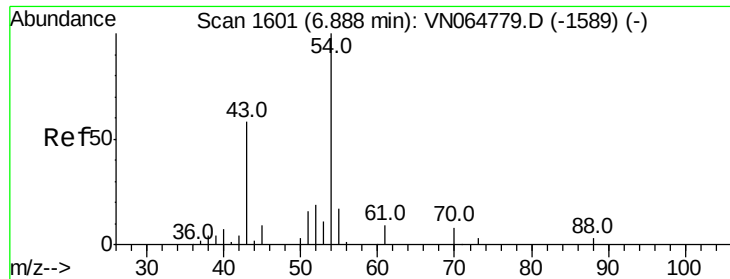


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

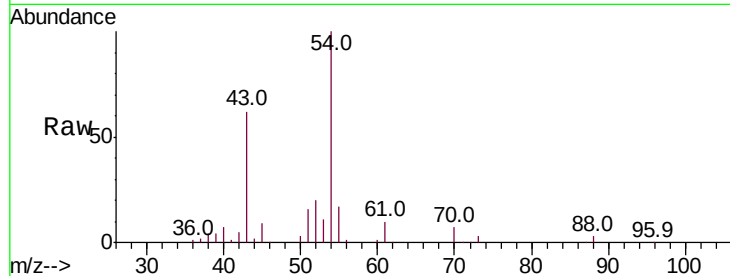




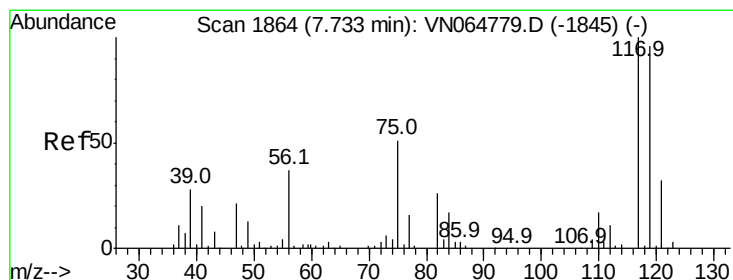
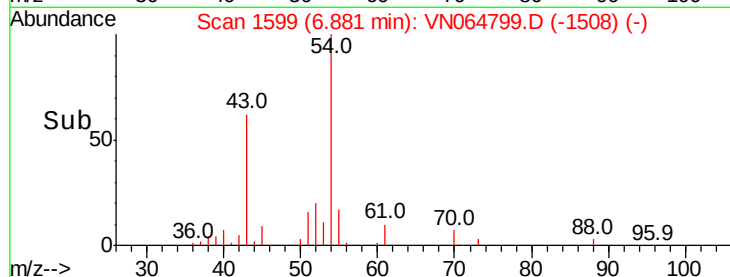
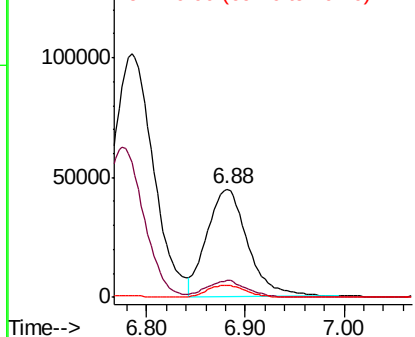
#37
Ethyl Acetate
Concen: 47.009 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 128490
Ion Ratio Lower Upper
43 100
61 15.8 12.8 19.2
70 10.8 8.8 13.2

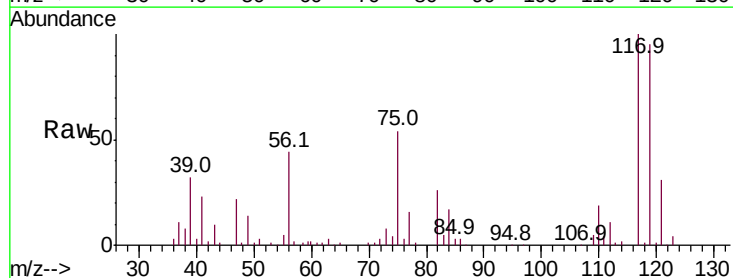


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

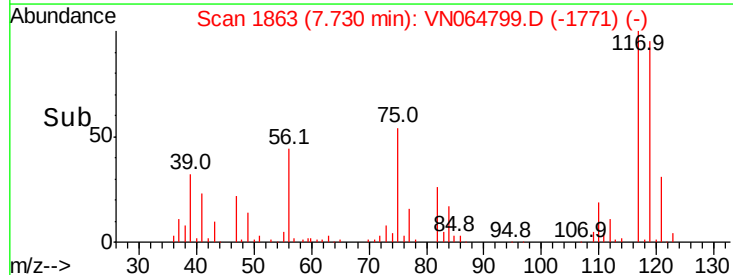
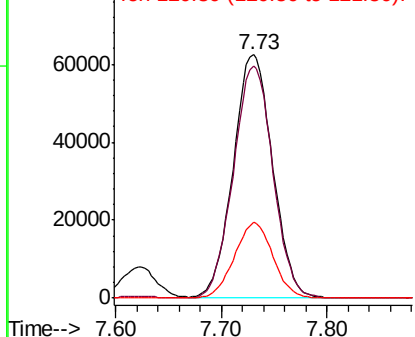


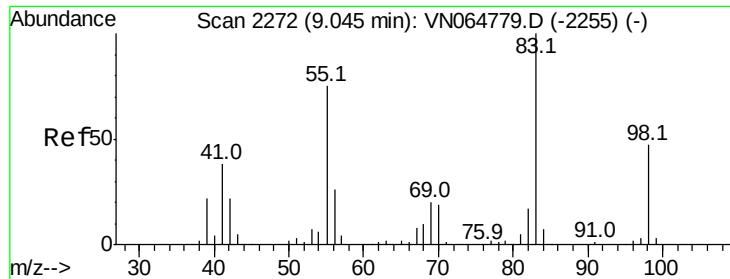
#38
Carbon Tetrachloride
Concen: 54.691 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

Tgt Ion: 117 Resp: 161472
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1
121 31.1 25.4 38.2



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

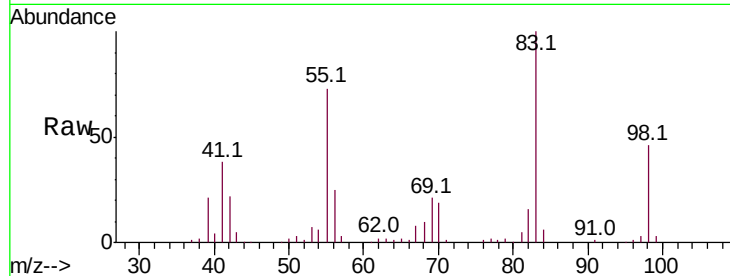




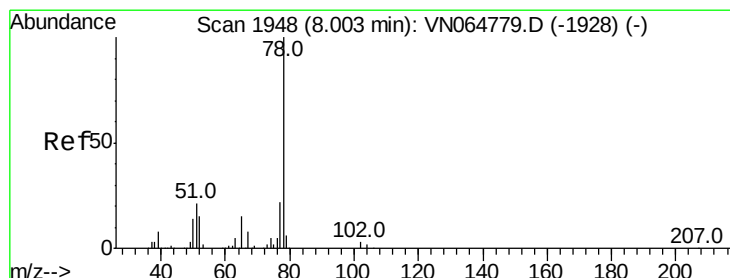
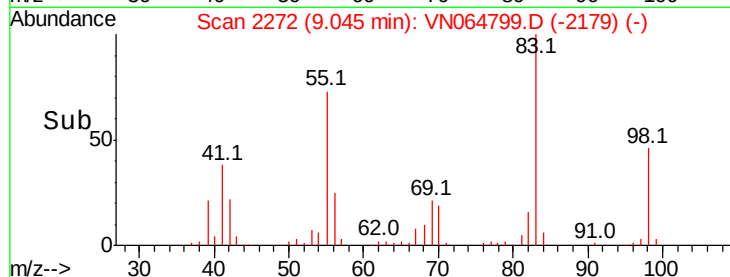
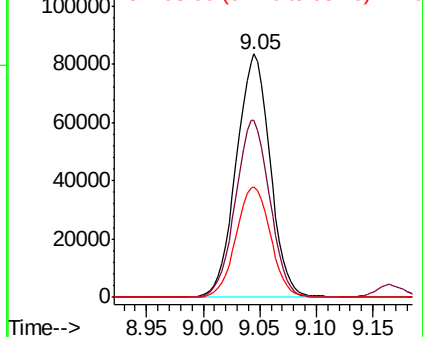
#39
Methvlcvclohexane
Concen: 57.011 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 174148
Ion Ratio Lower Upper
83 100
55 72.8 60.2 90.2
98 45.5 37.4 56.2

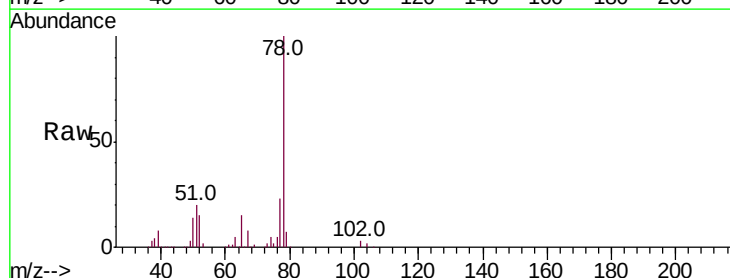


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

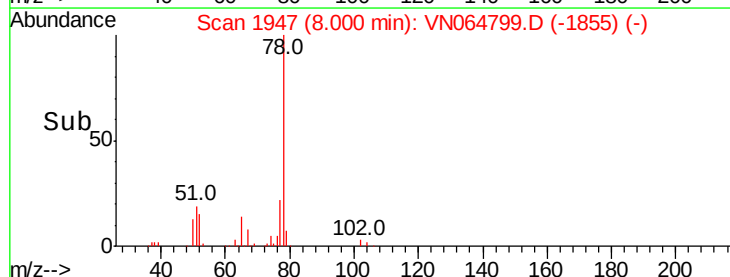
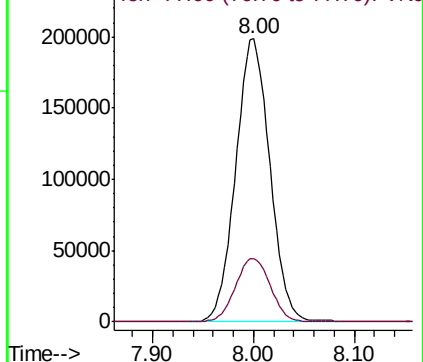


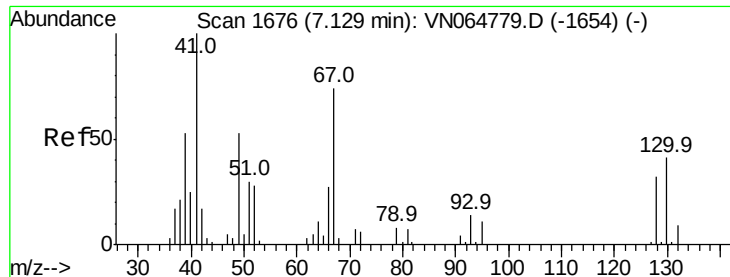
#40
Benzene
Concen: 53.583 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

Tgt Ion: 78 Resp: 465916
Ion Ratio Lower Upper
78 100
77 22.5 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 52.970 ug/l

RT: 7.12 min Scan# 1674

Delta R.T. -0.01 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 66807

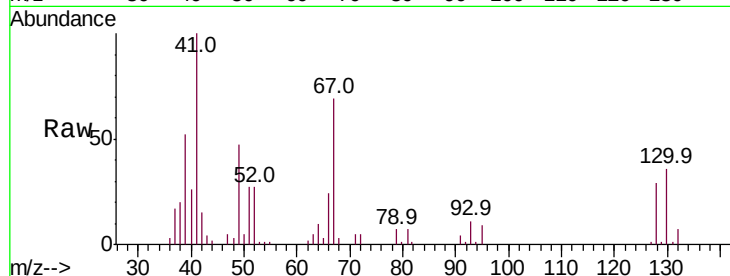
Ion Ratio Lower Upper

41 100

39 56.4 51.0 76.6

67 86.5 79.8 119.8

52 33.1 31.5 47.3

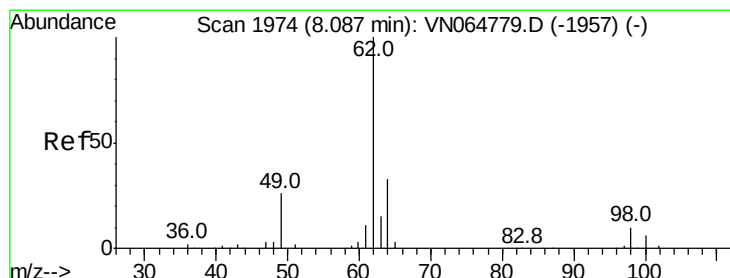
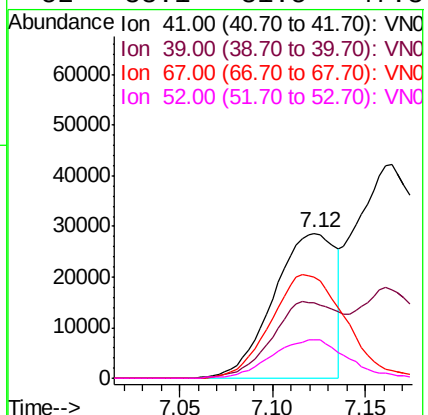
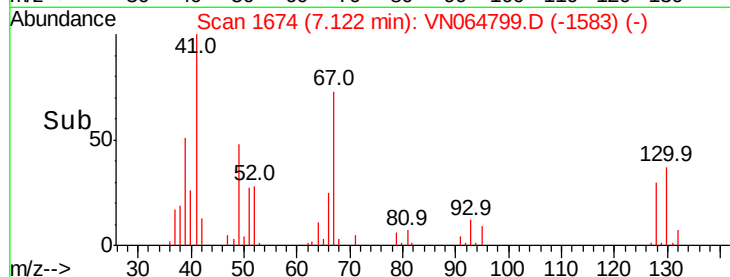


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-1654) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-1654) (-)

Ion 67.00 (66.70 to 67.70): VN064779.D (-1654) (-)

Ion 52.00 (51.70 to 52.70): VN064779.D (-1654) (-)



#42

1,2-Dichloroethane

Concen: 52.264 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VN064799.D

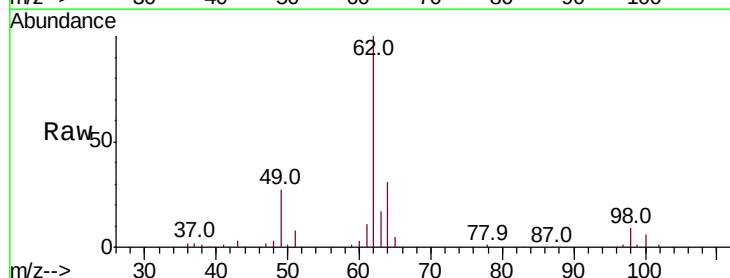
Acq: 24 Nov 2020 9:55

Tgt Ion: 62 Resp: 153304

Ion Ratio Lower Upper

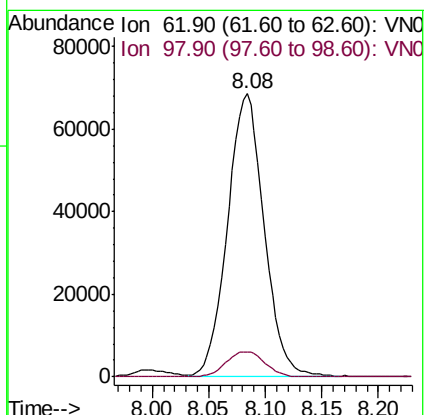
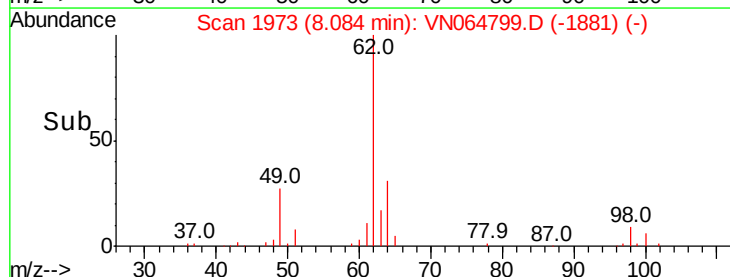
62 100

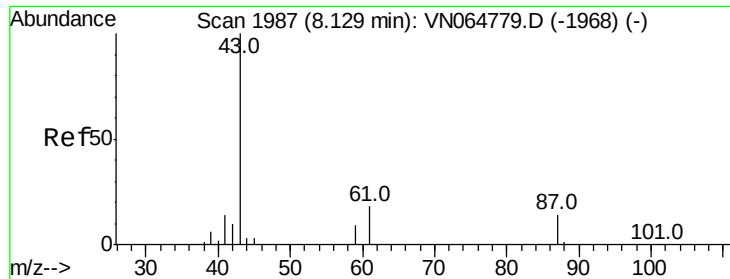
98 9.5 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN064779.D (-1957) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1957) (-)





#43

Isopropyl Acetate

Concen: 48.742 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

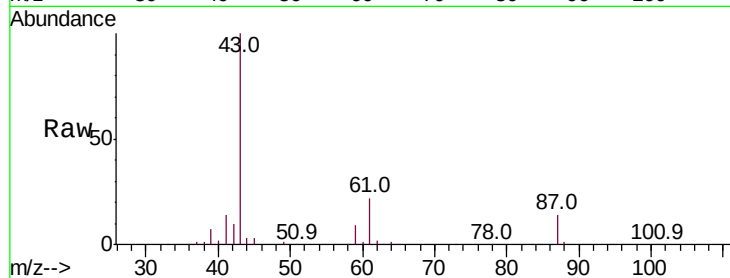
Tot Ion: 43 Resp: 214382

Ion Ratio Lower Upper

43 100

61 21.8 17.2 25.8

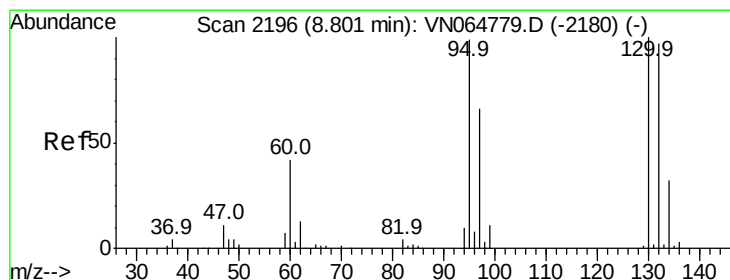
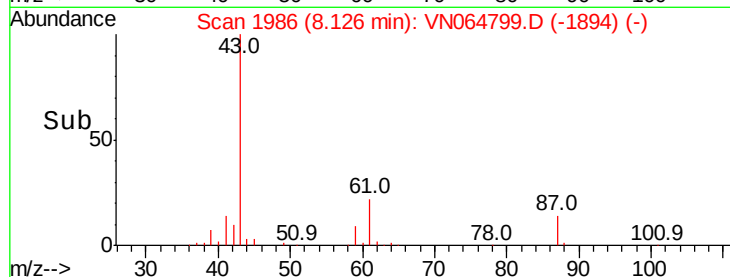
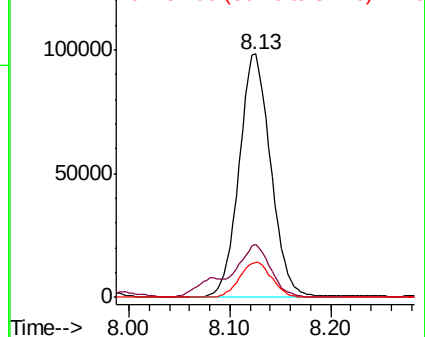
87 14.6 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 53.380 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064799.D

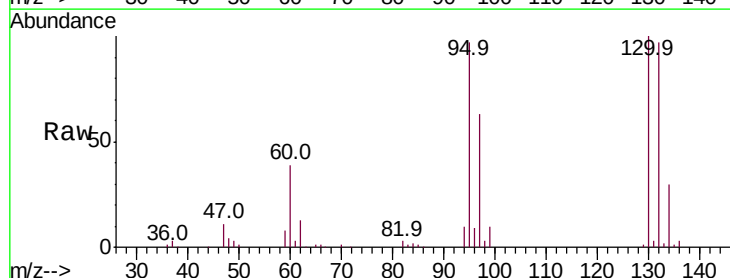
Acq: 24 Nov 2020 9:55

Tgt Ion:130 Resp: 136950

Ion Ratio Lower Upper

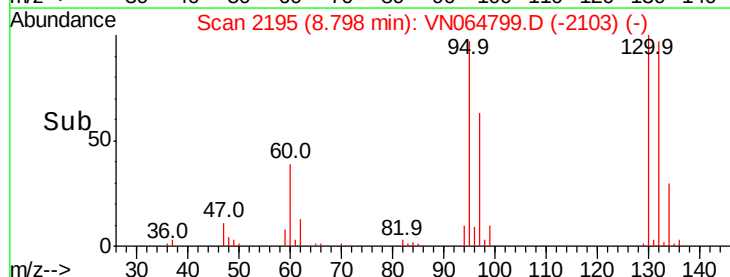
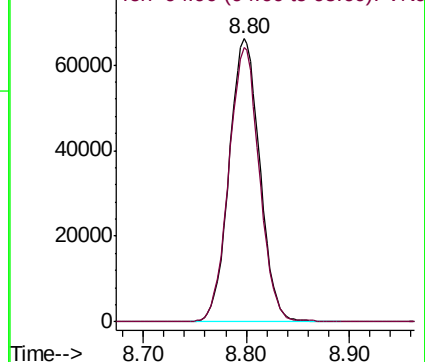
130 100

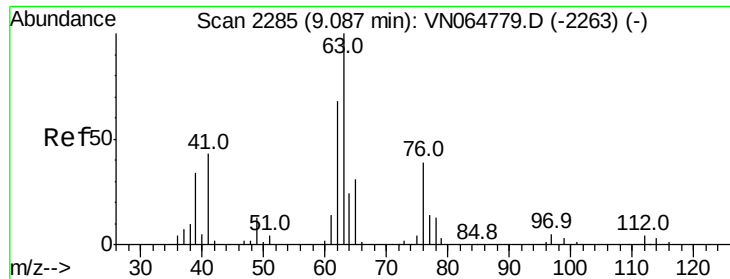
95 97.0 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

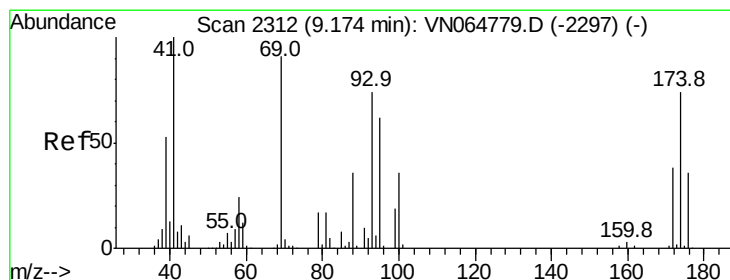
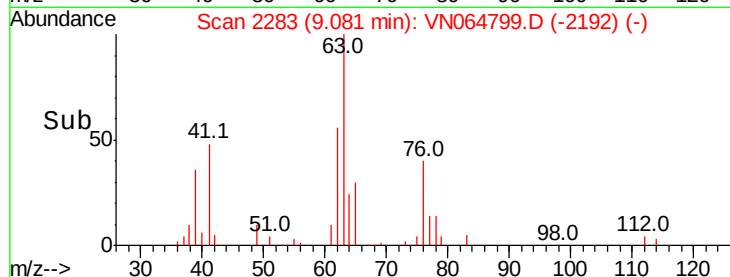
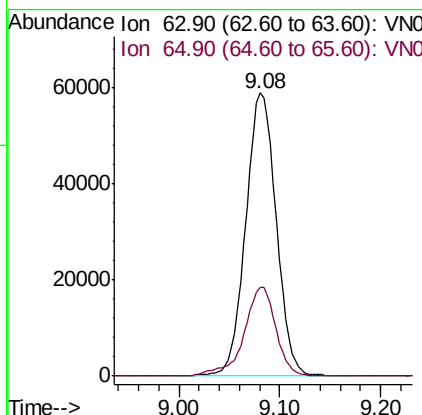
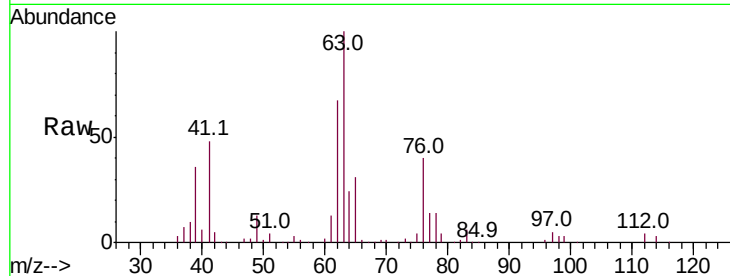




#45
 1,2-Dichloropropane
 Concen: 54.635 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

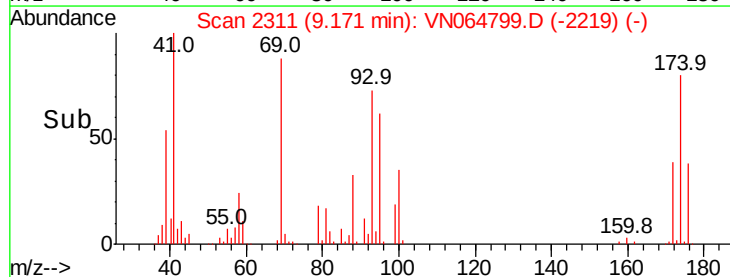
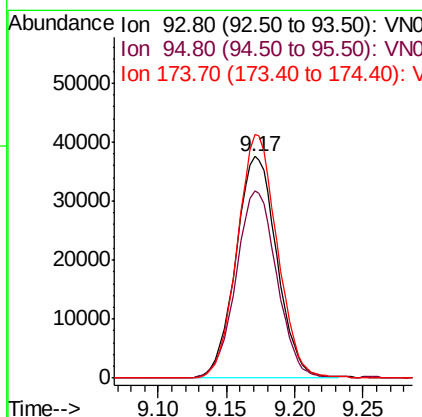
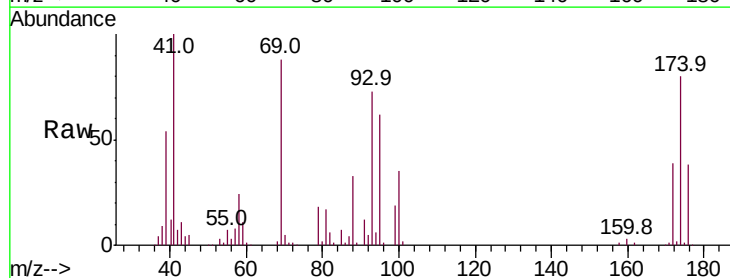
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

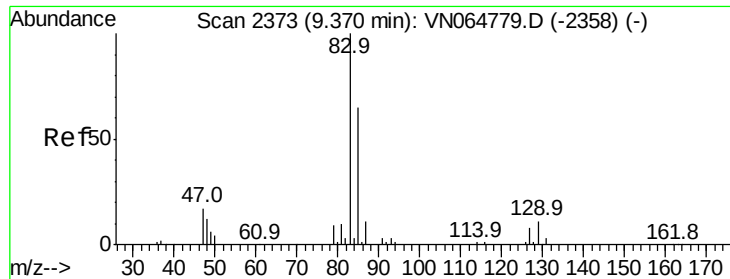
Tot Ion: 63 Resp: 123026
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.4



#46
 Dibromomethane
 Concen: 52.140 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Tgt Ion: 93 Resp: 78437
 Ion Ratio Lower Upper
 93 100
 95 84.1 68.8 103.2
 174 107.0 83.1 124.7





#47

Bromodichloromethane

Concen: 54.335 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

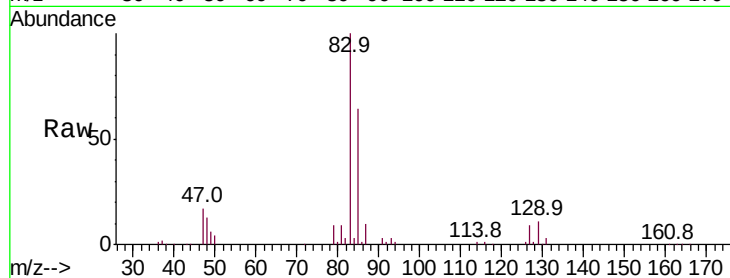
Tot Ion: 83 Resp: 164467

Ion Ratio Lower Upper

83 100

85 63.5 51.8 77.8

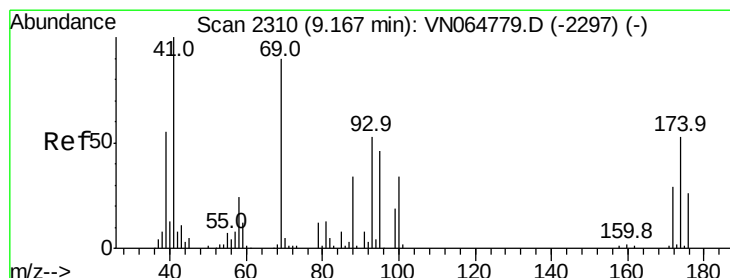
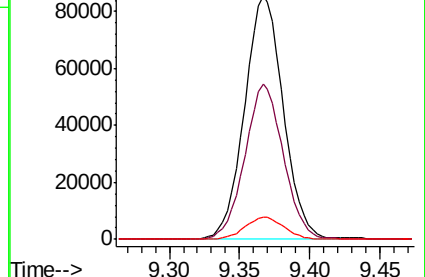
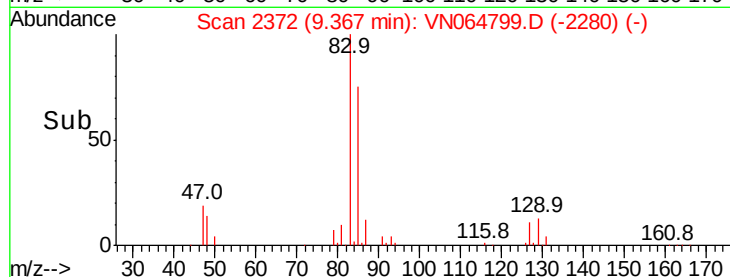
127 9.0 6.8 10.2



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

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

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



#48

Methyl methacrylate

Concen: 50.205 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

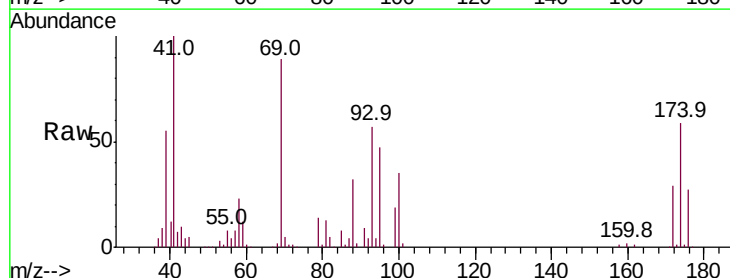
Tgt Ion: 41 Resp: 105513

Ion Ratio Lower Upper

41 100

69 92.3 71.8 107.8

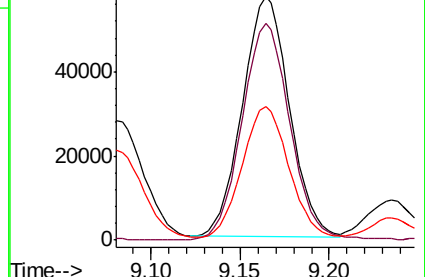
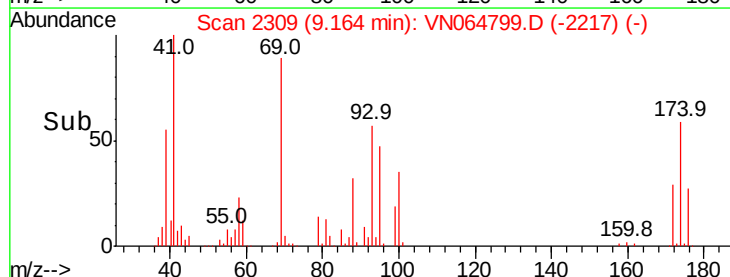
39 54.0 44.1 66.1

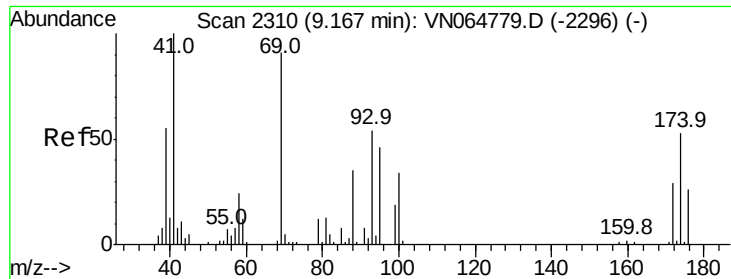


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

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

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





#49

1,4-Dioxane

Concen: 987.804 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

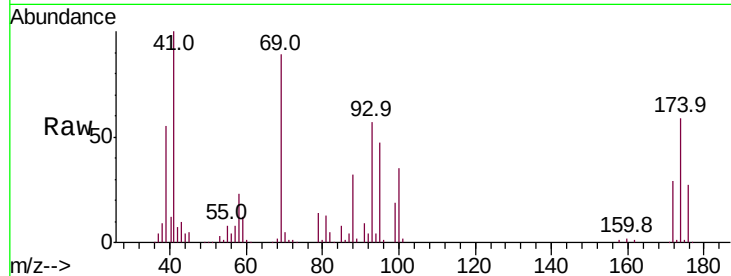
Tot Ion: 88 Resp: 39237

Ion Ratio Lower Upper

88 100

43 31.6 24.2 36.4

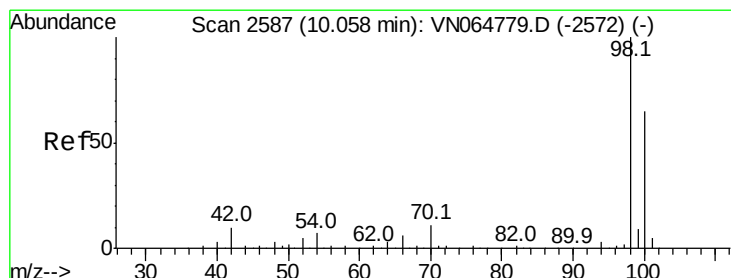
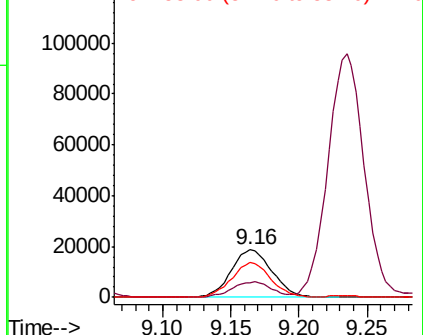
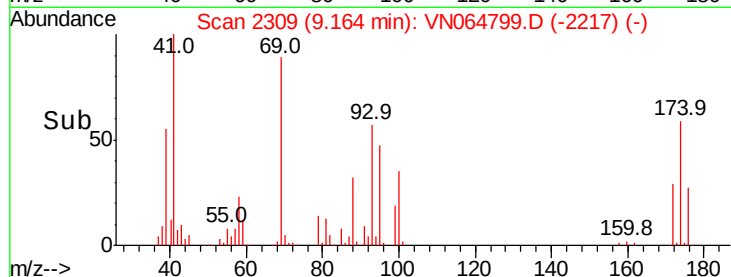
58 69.3 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.526 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064799.D

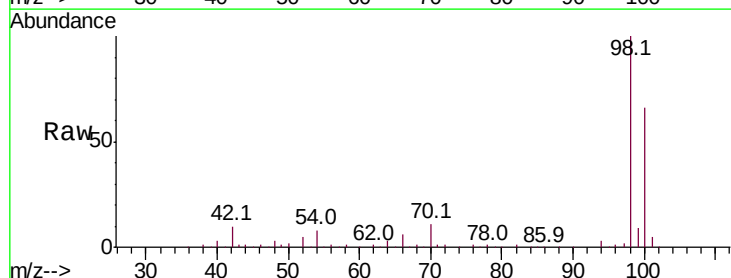
Acq: 24 Nov 2020 9:55

Tgt Ion: 98 Resp: 385651

Ion Ratio Lower Upper

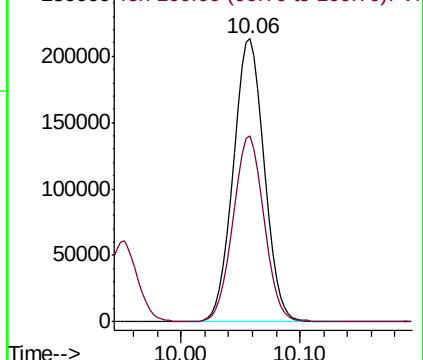
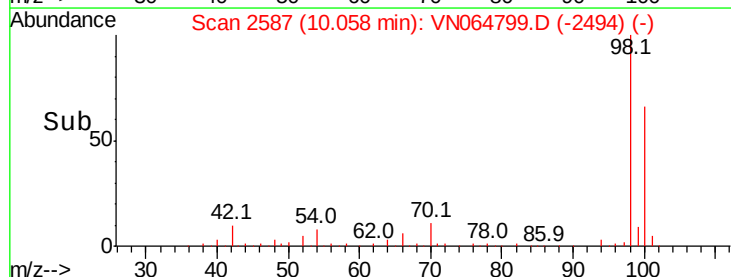
98 100

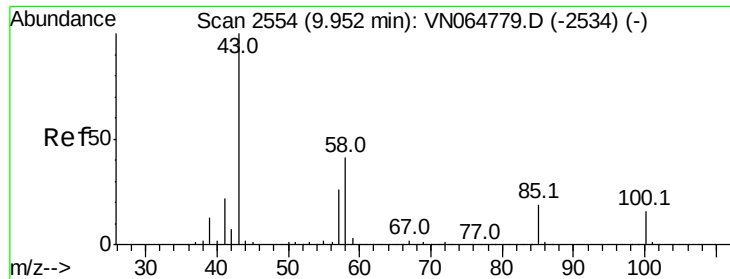
100 65.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 253.064 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

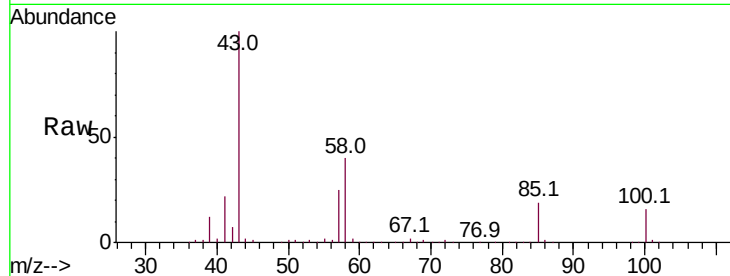
VSTDCCC050

Tot Ion: 43 Resp: 668210

Ion Ratio Lower Upper

43 100

58 39.7 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

400000

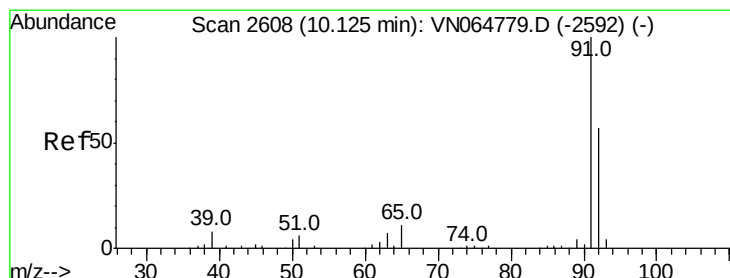
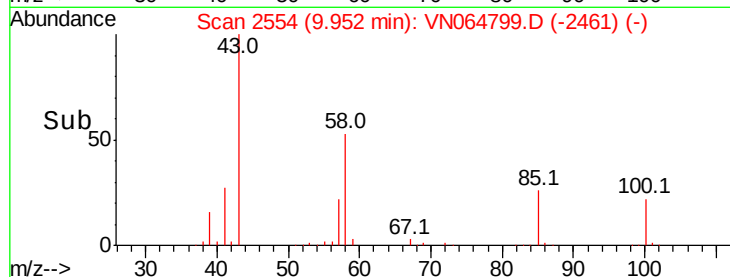
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 55.267 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064799.D

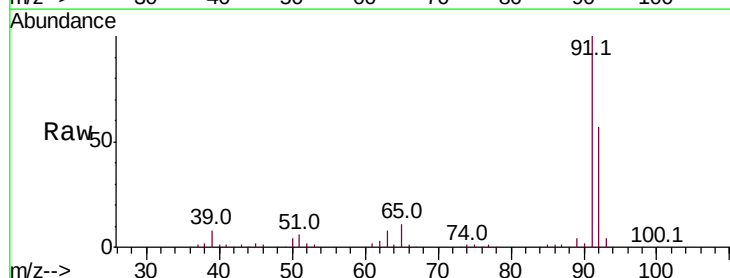
Acq: 24 Nov 2020 9:55

Tgt Ion: 92 Resp: 295949

Ion Ratio Lower Upper

92 100

91 173.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.12

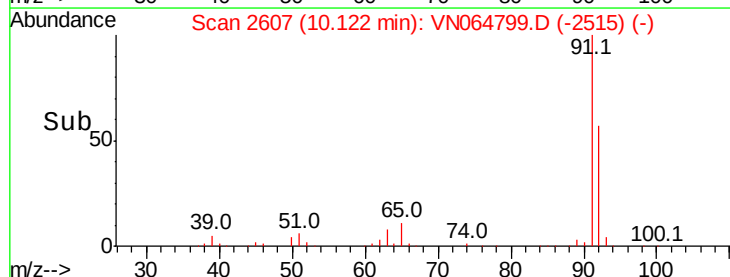
300000

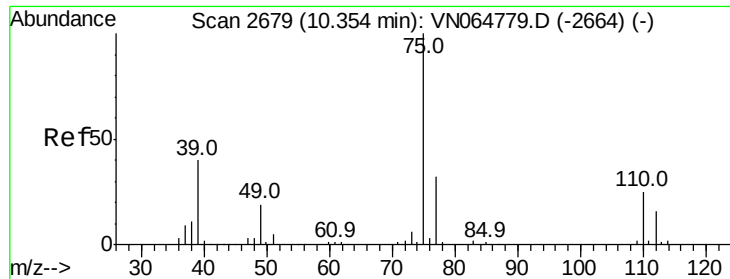
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.698 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

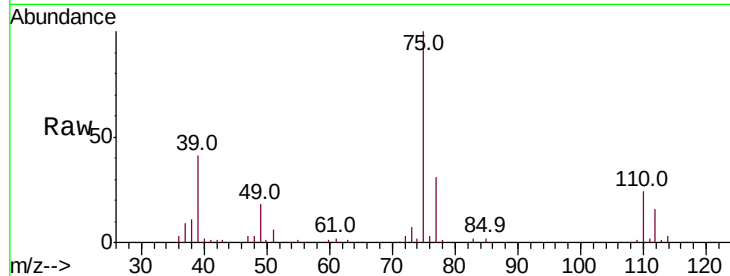
VSTDCCC050

Tot Ion: 75 Resp: 181035

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-2664) (-)

Ion 76.90 (76.60 to 77.60): VN064779.D (-2664) (-)

10.35

120000

100000

80000

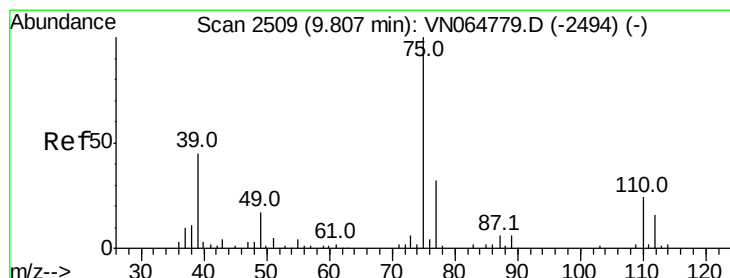
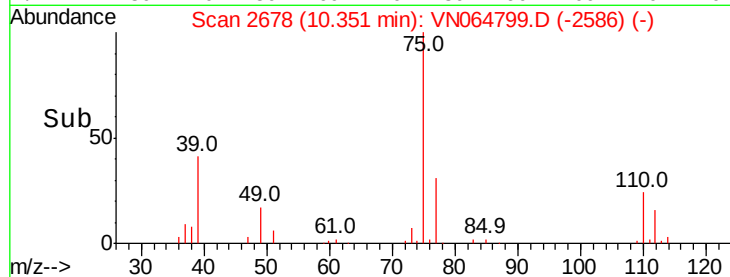
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.266 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

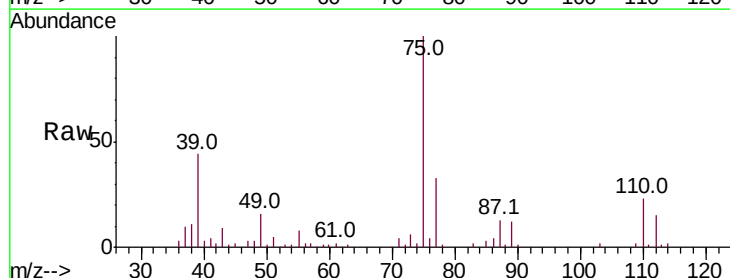
Tgt Ion: 75 Resp: 199713

Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

39 44.2 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-2494) (-)

Ion 76.90 (76.60 to 77.60): VN064779.D (-2494) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2494) (-)

9.80

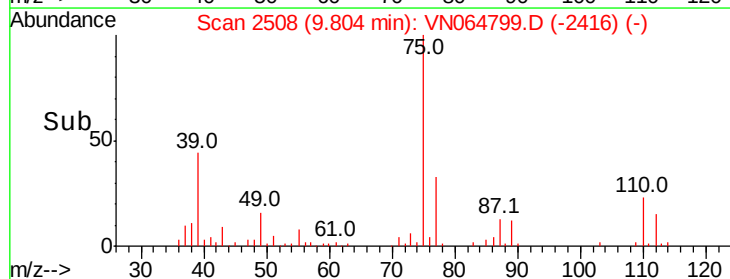
150000

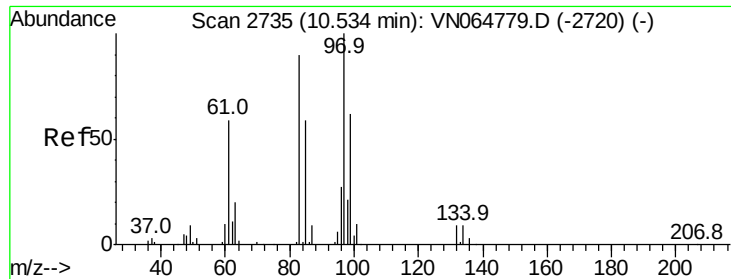
100000

50000

0

Time-->



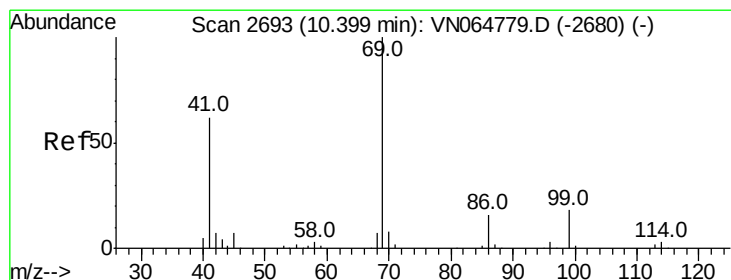
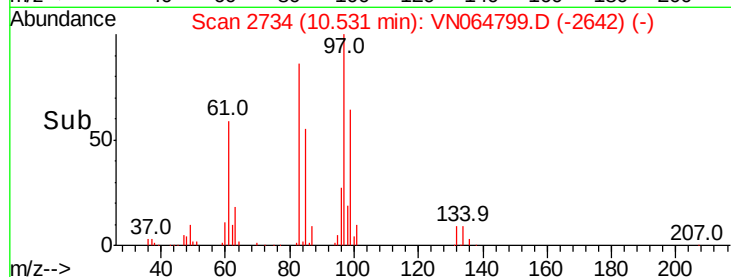
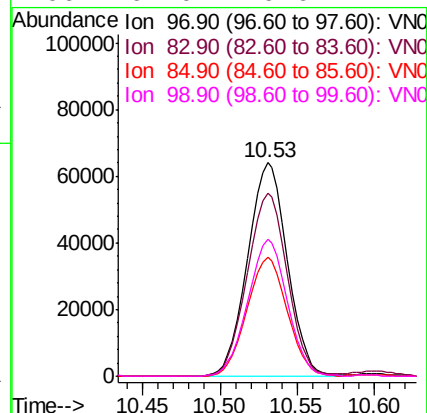
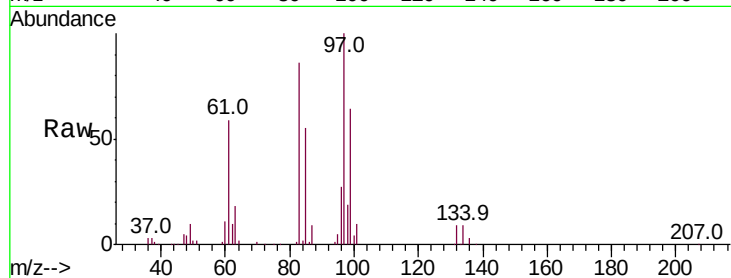


#55
 1,1,2-Trichloroethane
 Concen: 52.109 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 114743

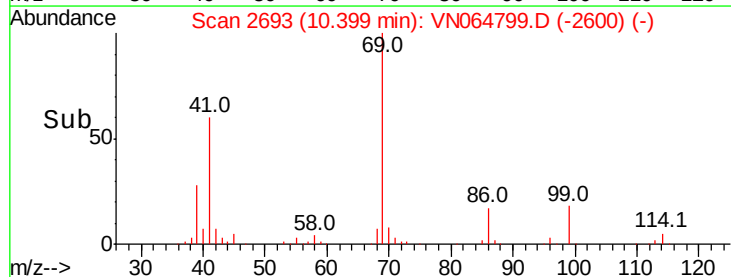
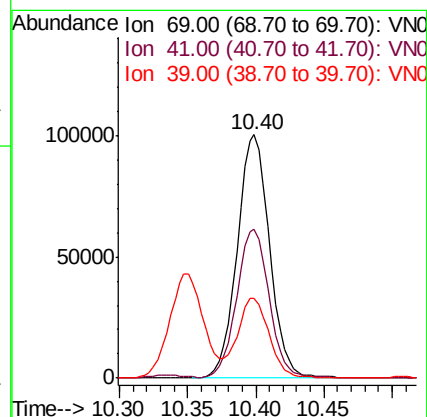
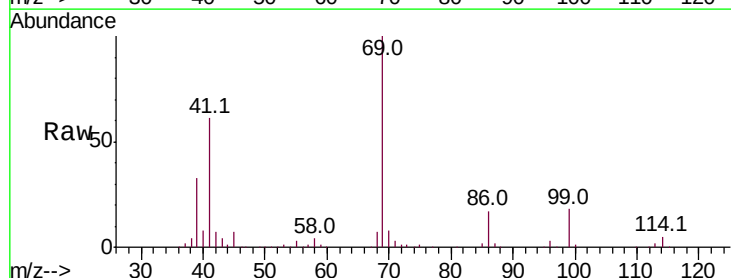
Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.1	108.1
85	55.5	46.8	70.2
99	64.0	49.6	74.4

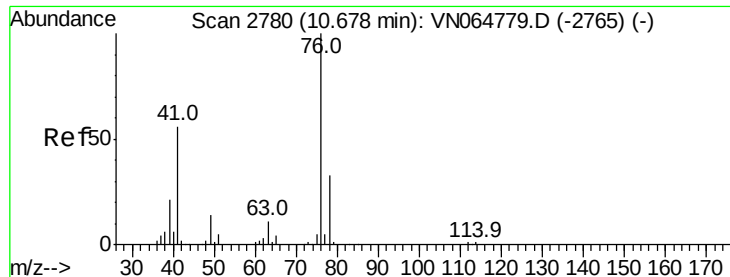


#56
 Ethyl methacrylate
 Concen: 54.380 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Tgt Ion: 69 Resp: 165241

Ion	Ratio	Lower	Upper
69	100		
41	61.2	49.4	74.0
39	31.4	25.9	38.9





#57

1,3-Dichloropropane

Concen: 52.903 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

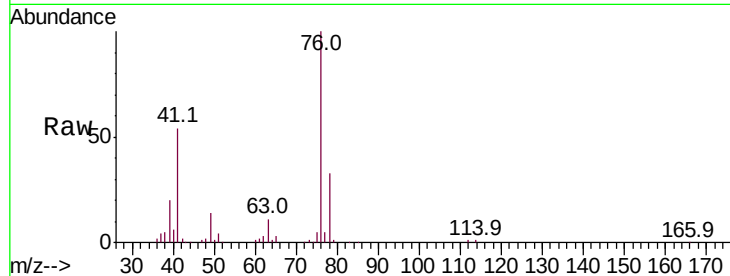
VSTDCCC050

Tot Ion: 76 Resp: 192163

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

120000

100000

80000

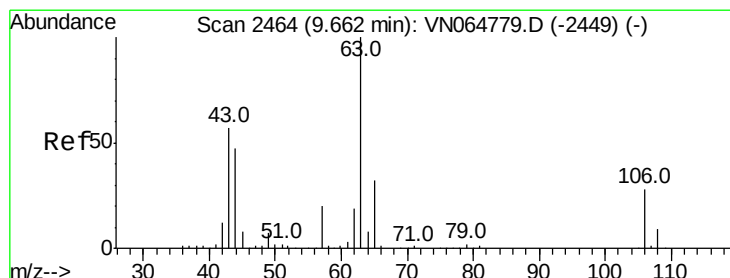
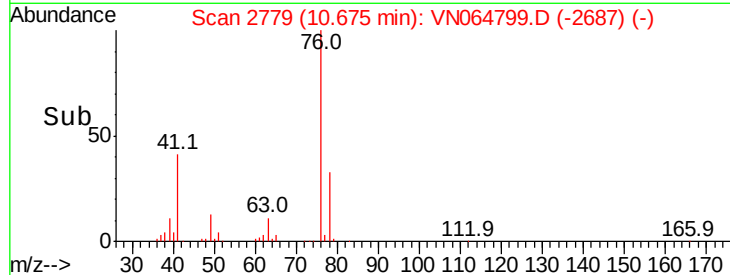
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 211.880 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN064799.D

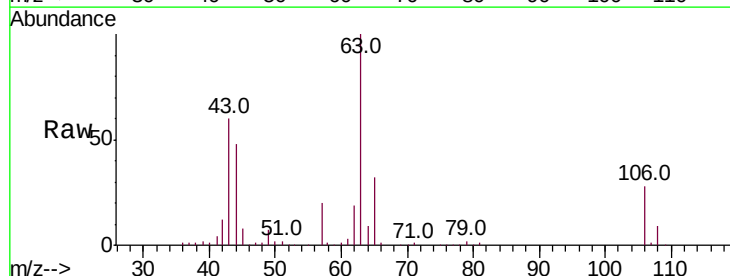
Acq: 24 Nov 2020 9:55

Tgt Ion: 63 Resp: 354151

Ion Ratio Lower Upper

63 100

106 28.5 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

200000

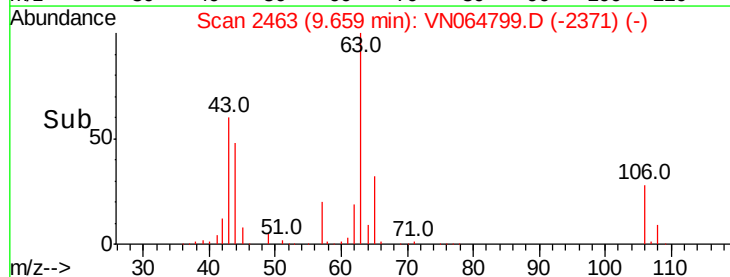
150000

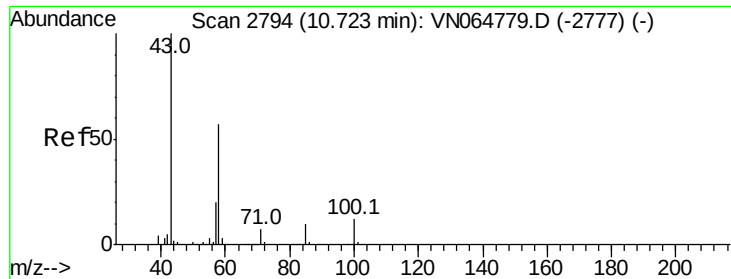
100000

50000

0

Time-->

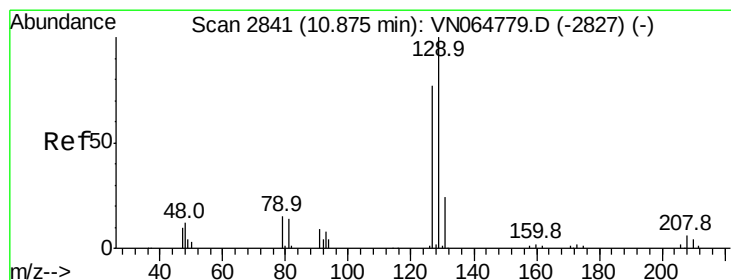
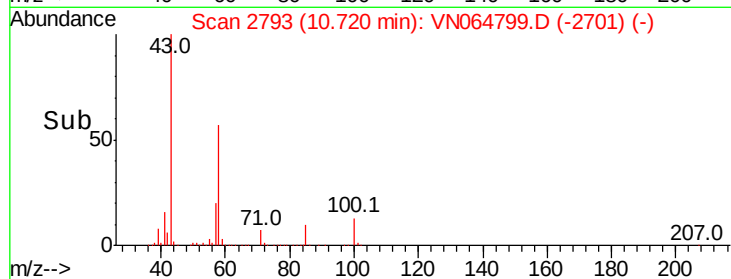
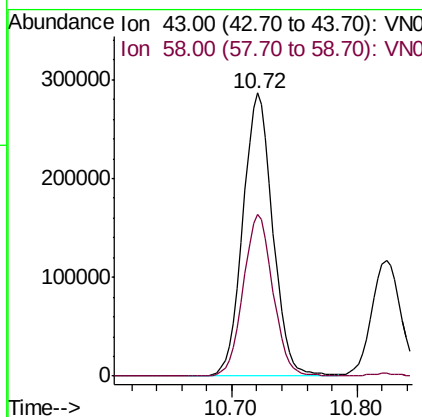
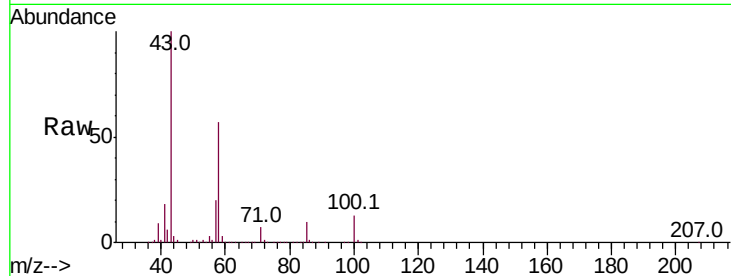




#59
2-Hexanone
Concen: 249.752 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

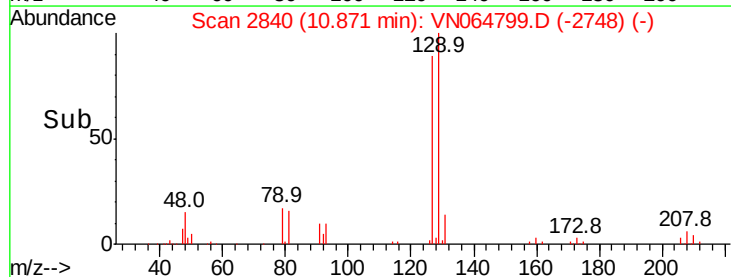
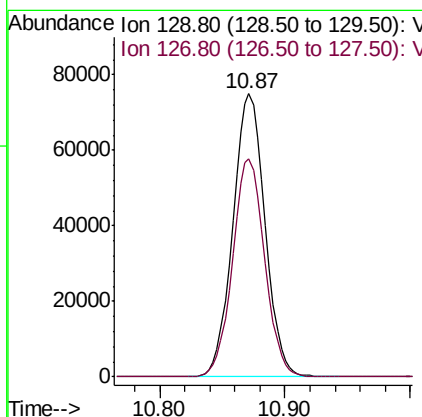
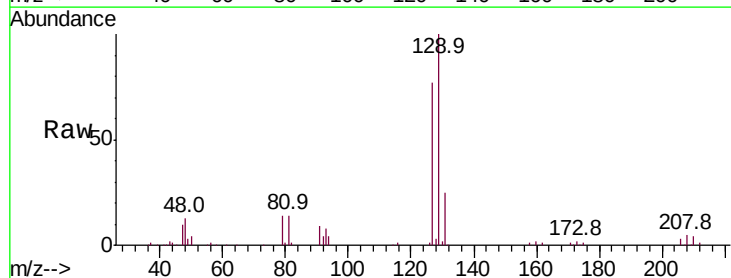
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

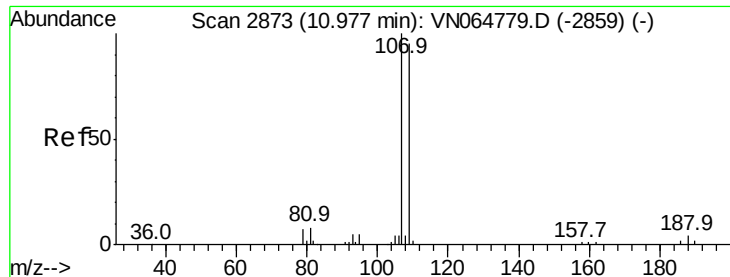
Tot Ion: 43 Resp: 474606
Ion Ratio Lower Upper
43 100
58 56.8 28.3 84.9



#60
Dibromochloromethane
Concen: 54.436 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

Tgt Ion: 129 Resp: 133243
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 52.527 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

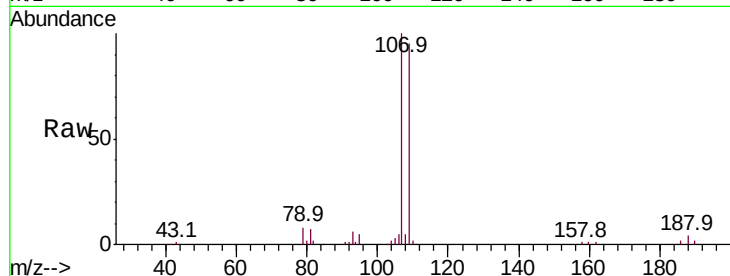
VSTDCCC050

Tot Ion:107 Resp: 117511

Ion Ratio Lower Upper

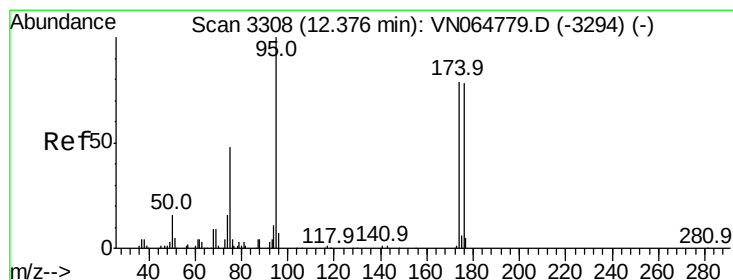
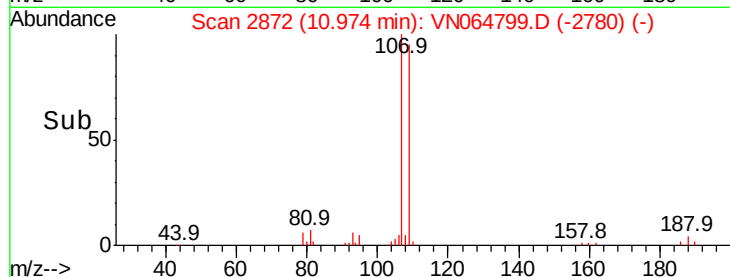
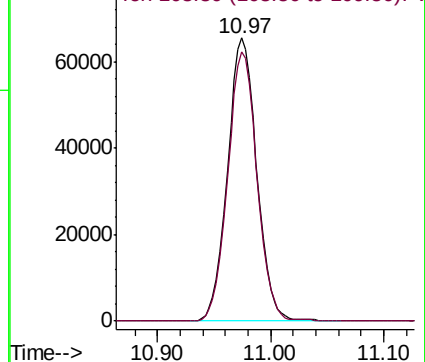
107 100

109 95.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.395 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

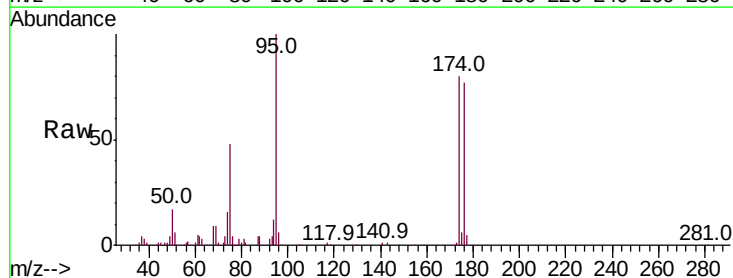
Tgt Ion: 95 Resp: 137667

Ion Ratio Lower Upper

95 100

174 82.7 0.0 160.4

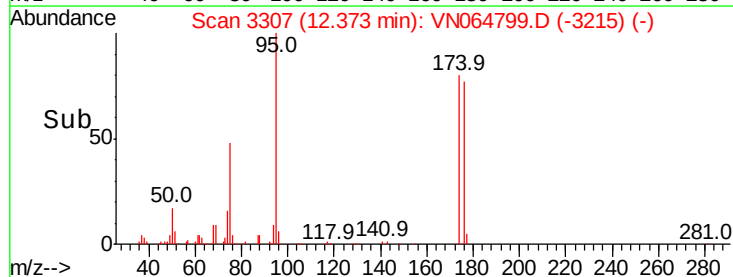
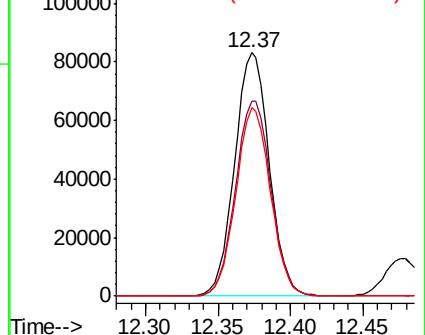
176 77.6 0.0 158.4

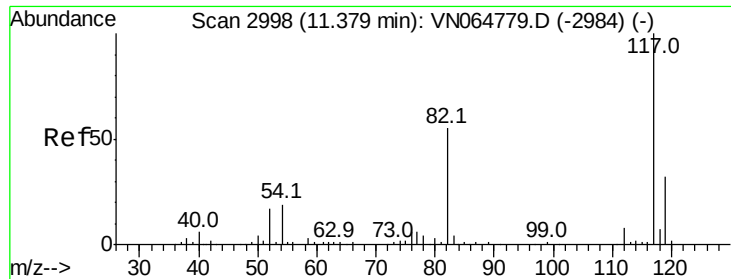


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

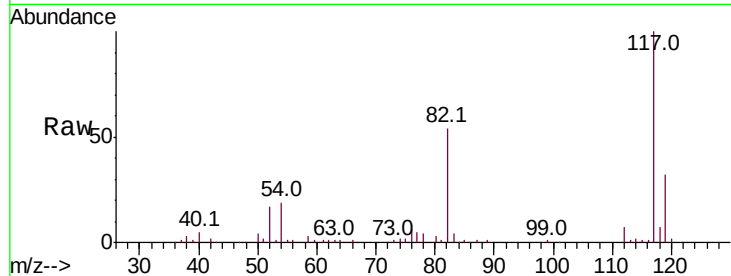




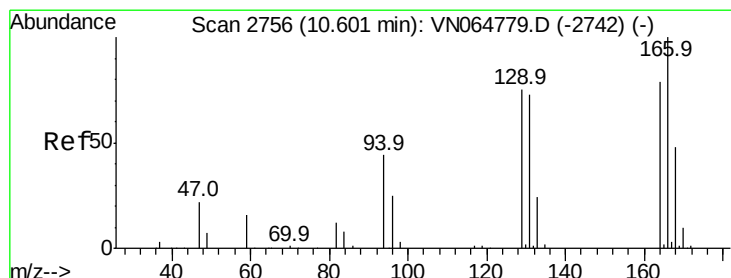
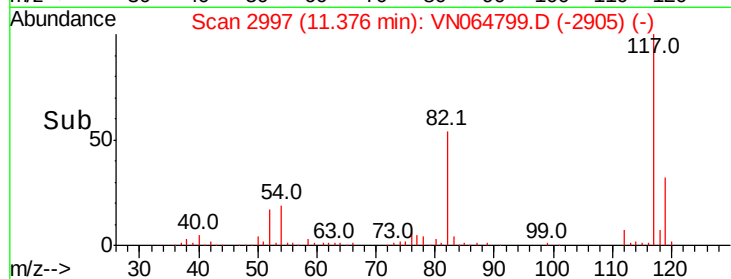
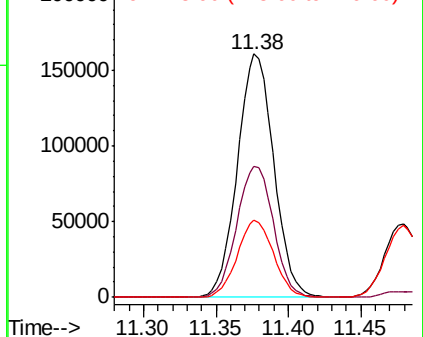
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 280756
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.9 25.8 38.6

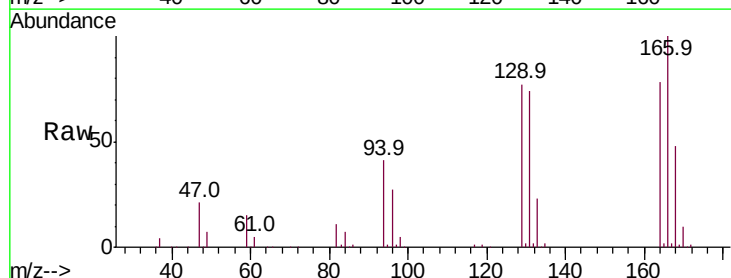


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

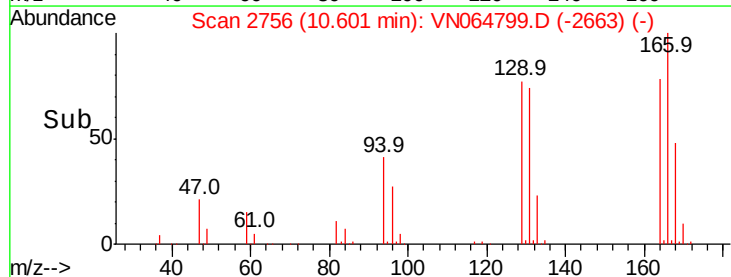
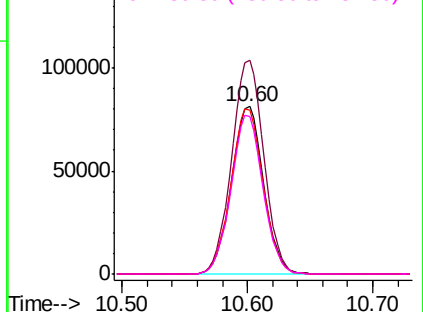


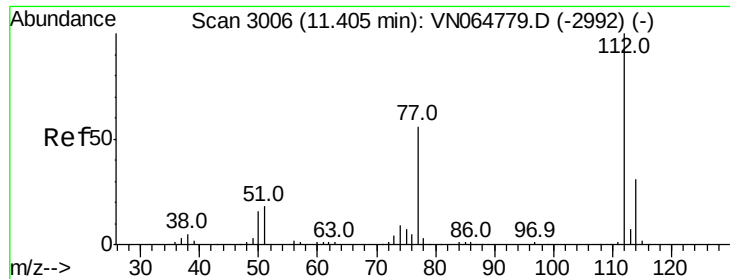
#64
Tetrachloroethene
Concen: 52.962 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

Tgt Ion:164 Resp: 144664
Ion Ratio Lower Upper
164 100
166 127.7 101.4 152.0
129 97.9 76.1 114.1
131 93.9 74.2 111.2



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

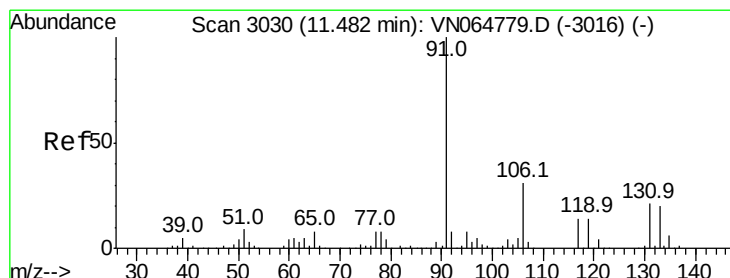
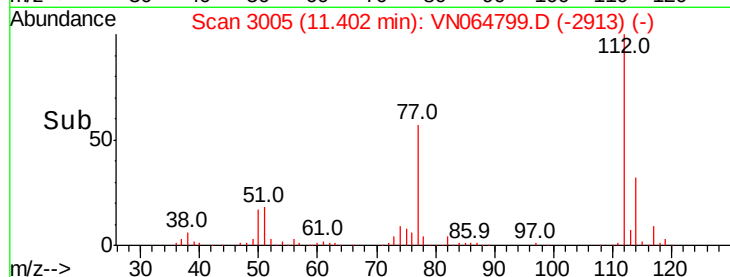
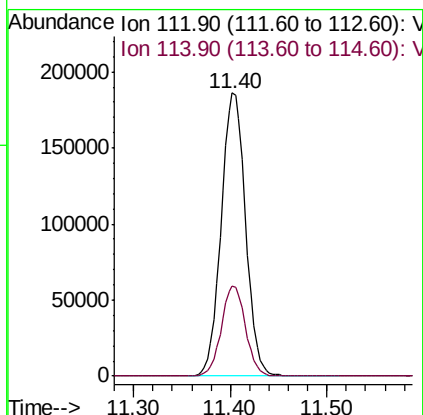
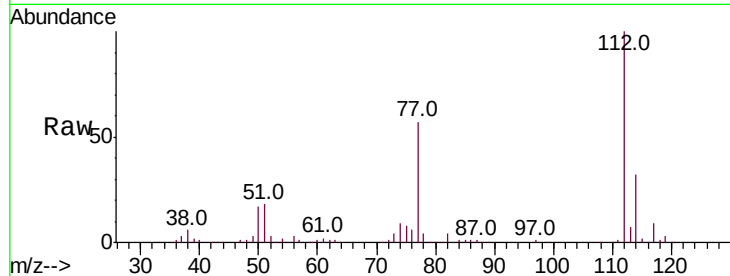




#65
Chlorobenzene
Concen: 54.046 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

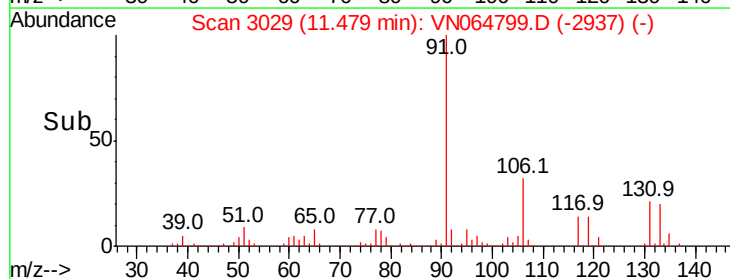
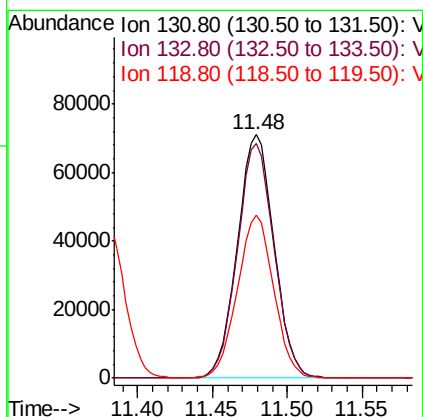
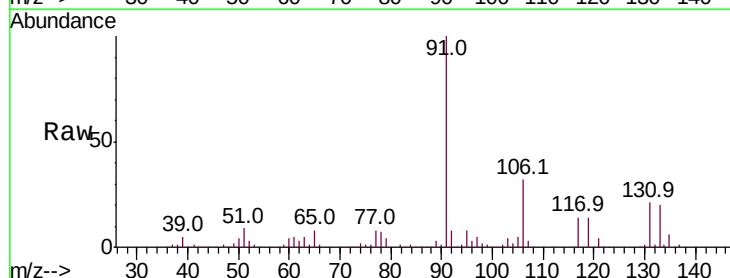
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

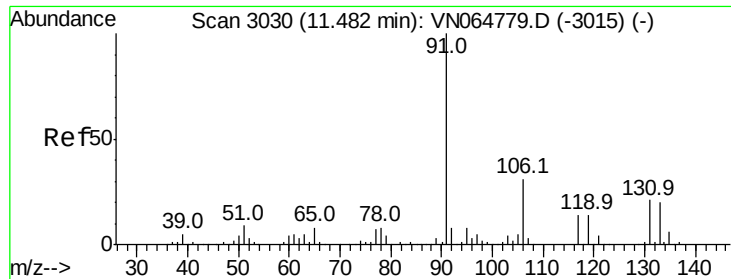
Tot Ion:112 Resp: 325851
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.843 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

Tgt Ion:131 Resp: 121518
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.5
119 66.2 33.3 99.8

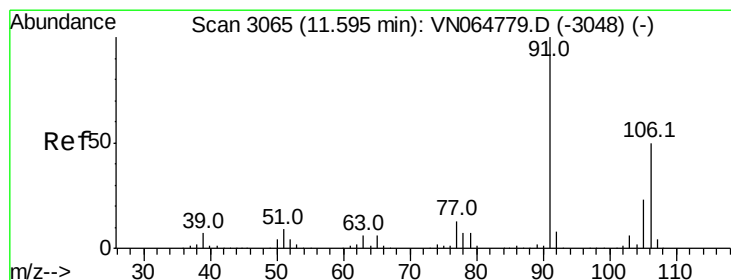
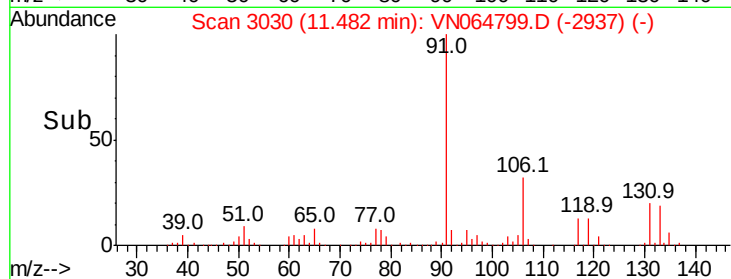
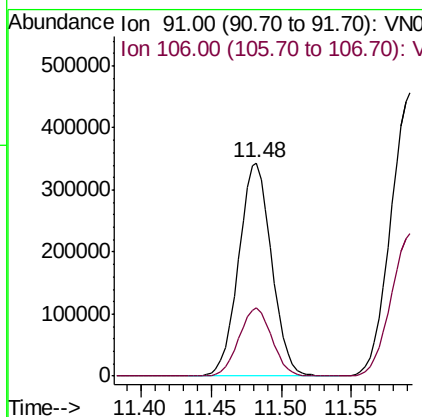
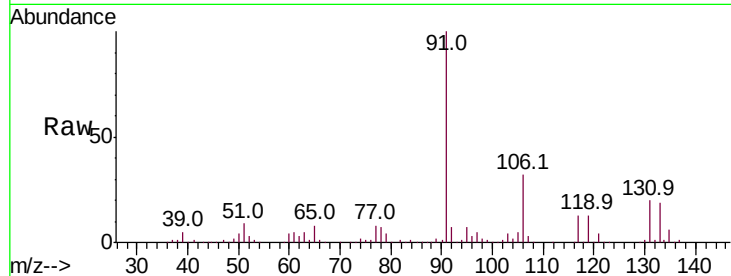




#67
Ethyl Benzene
Concen: 55.697 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

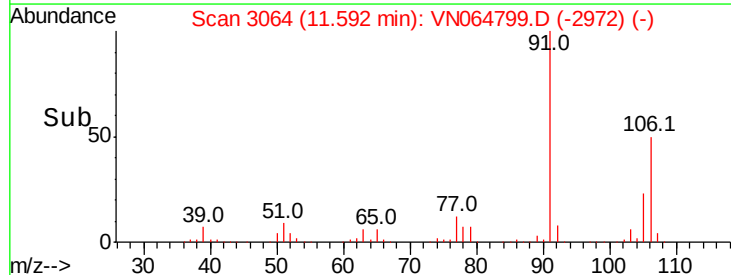
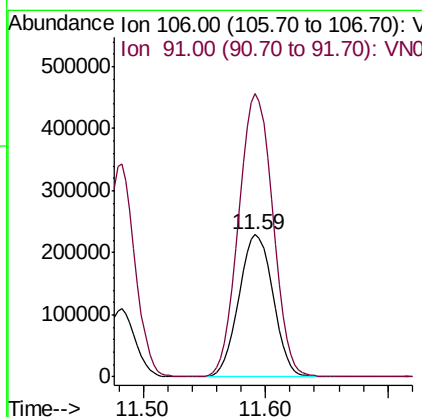
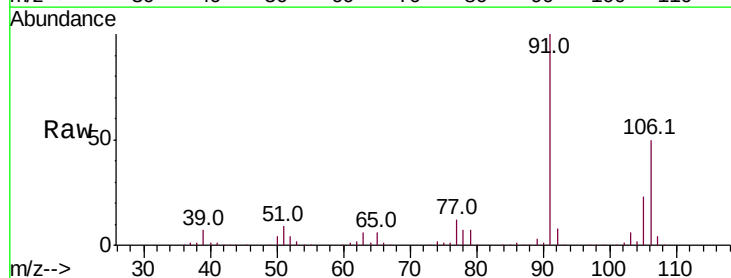
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

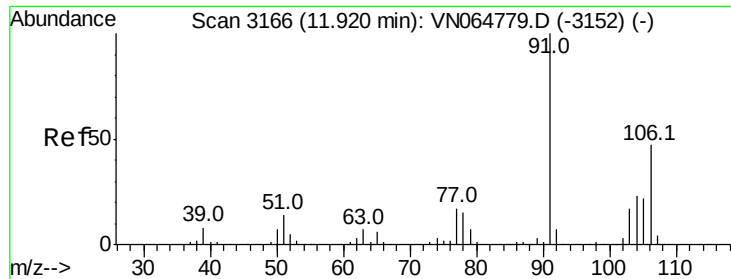
Tot Ion: 91 Resp: 560985
Ion Ratio Lower Upper
91 100
106 31.9 25.2 37.8



#68
m/p-Xylenes
Concen: 115.925 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

Tgt Ion: 106 Resp: 442065
Ion Ratio Lower Upper
106 100
91 199.9 161.0 241.4

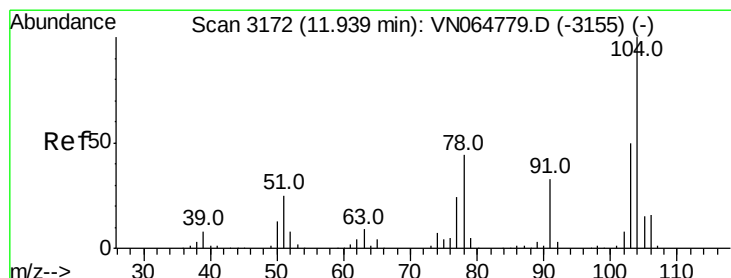
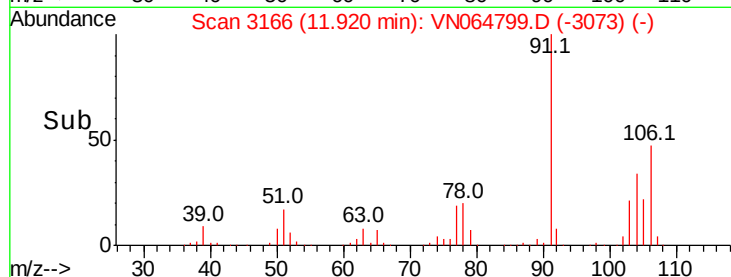
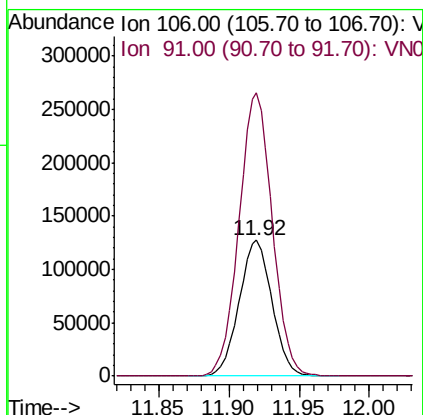
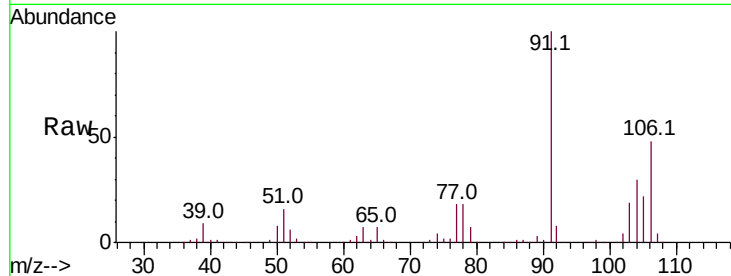




#69
o-Xylene
Concen: 57.716 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

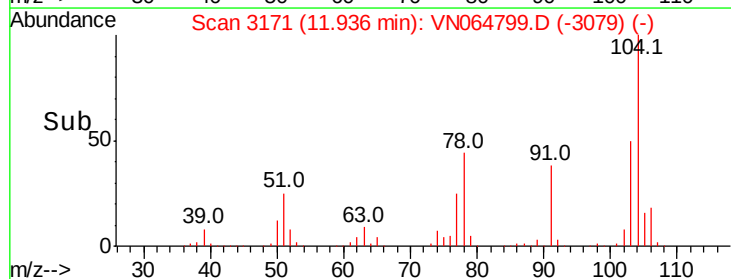
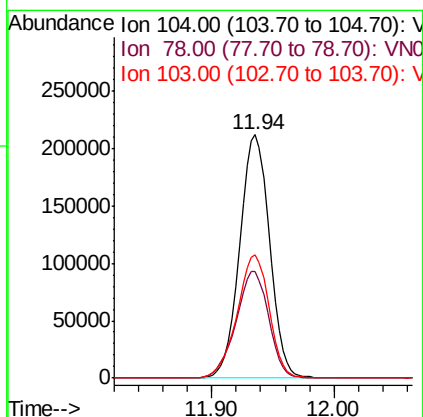
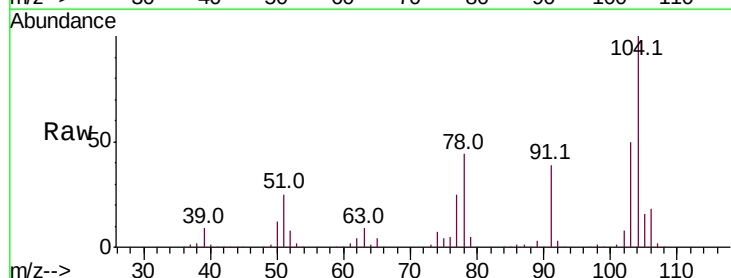
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

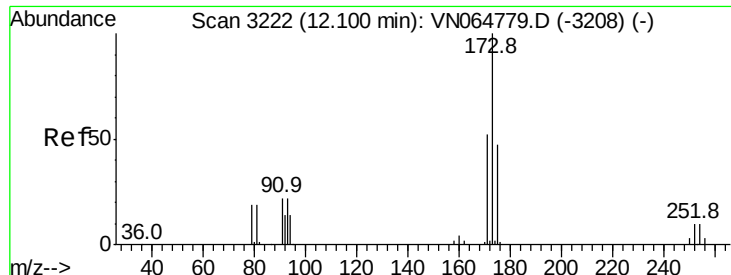
Tot Ion:106 Resp: 208857
Ion Ratio Lower Upper
106 100
91 210.3 105.5 316.5



#70
Styrene
Concen: 58.643 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064799.D
Acq: 24 Nov 2020 9:55

Tgt Ion:104 Resp: 358248
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 54.5 44.3 66.5





#71

Bromoform

Concen: 51.257 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

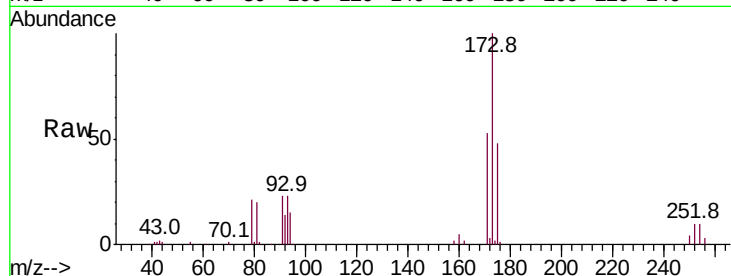
Tot Ion:173 Resp: 90710

Ion Ratio Lower Upper

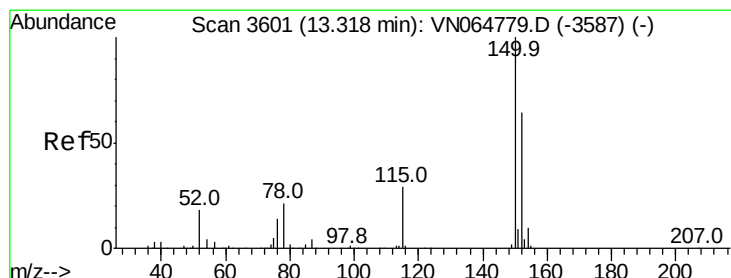
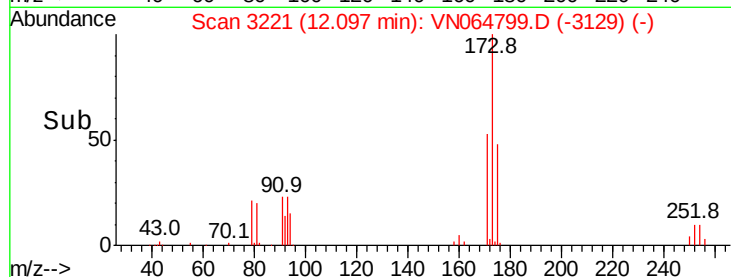
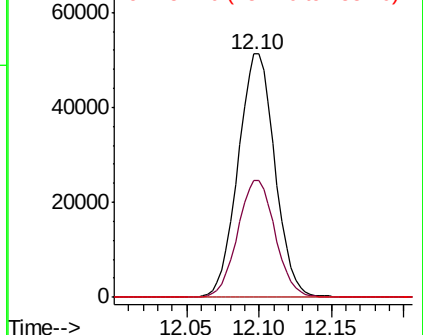
173 100

175 48.8 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

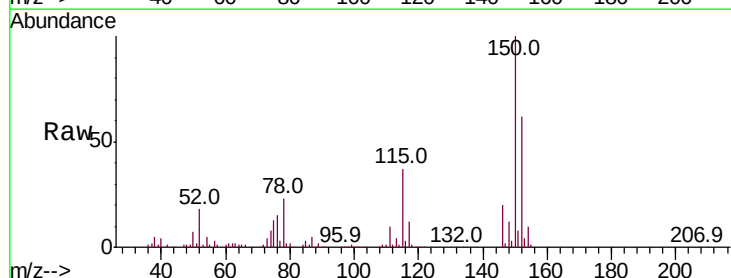
Tgt Ion:152 Resp: 140742

Ion Ratio Lower Upper

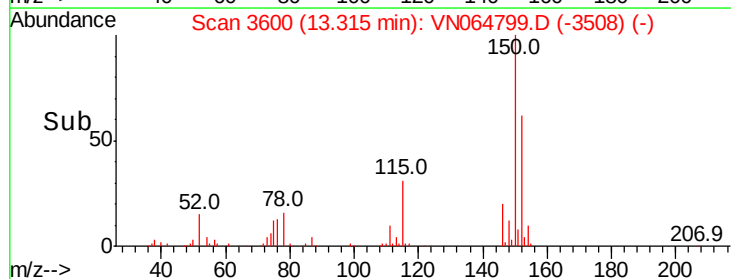
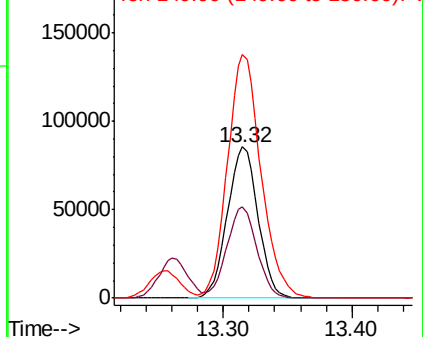
152 100

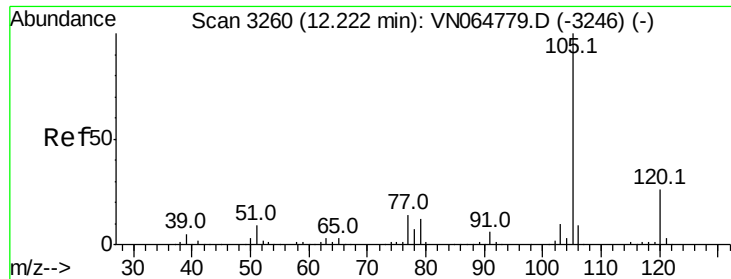
115 59.3 29.7 89.1

150 176.0 0.0 350.6



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





#73

Isopropylbenzene

Concen: 56.586 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

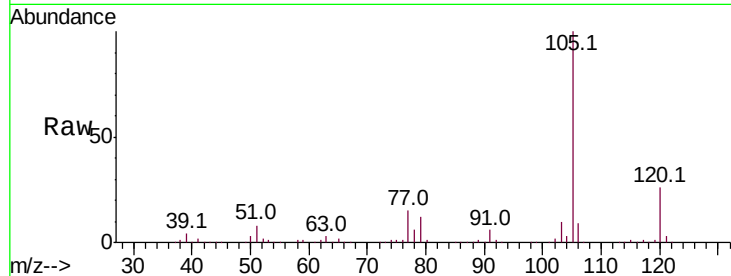
VSTDCCC050

Tot Ion:105 Resp: 553954

Ion Ratio Lower Upper

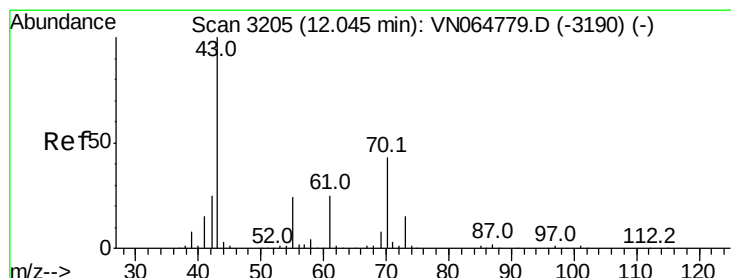
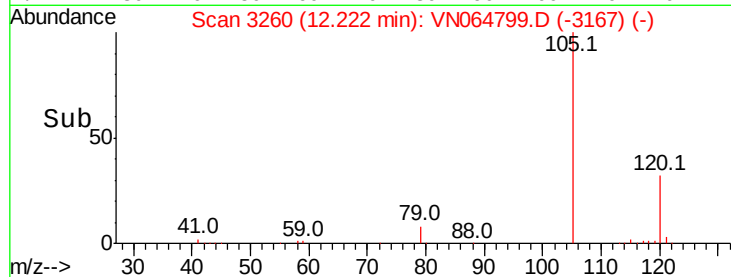
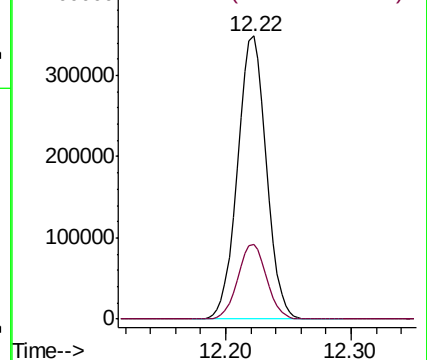
105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 50.844 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Tgt Ion: 43 Resp: 195881

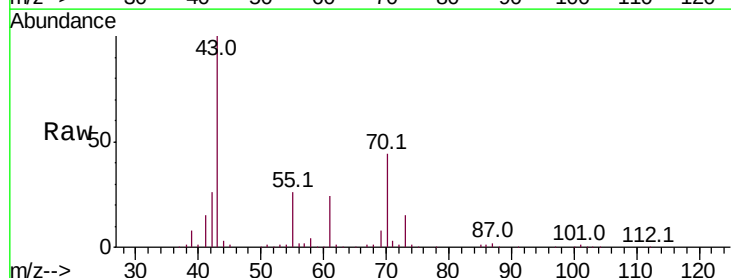
Ion Ratio Lower Upper

43 100

70 44.6 34.5 51.7

55 26.2 20.4 30.6

61 24.6 20.0 30.0

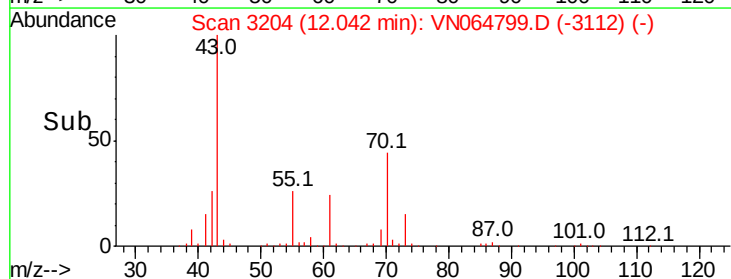
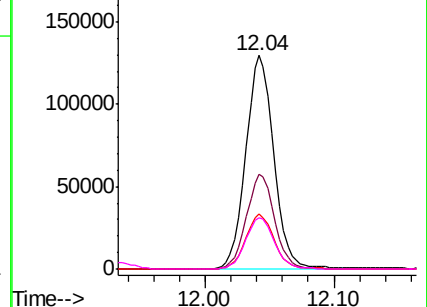


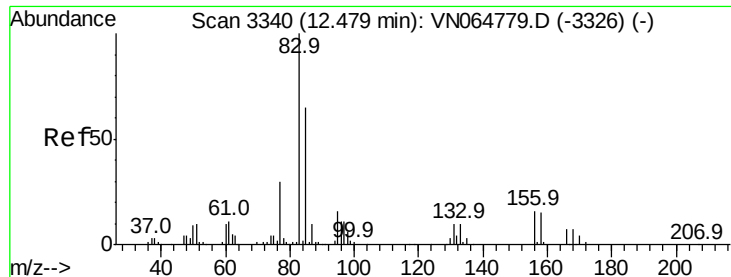
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.544 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

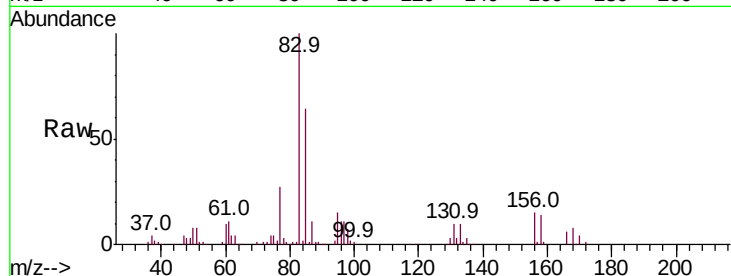
Tot Ion: 83 Resp: 142159

Ion Ratio Lower Upper

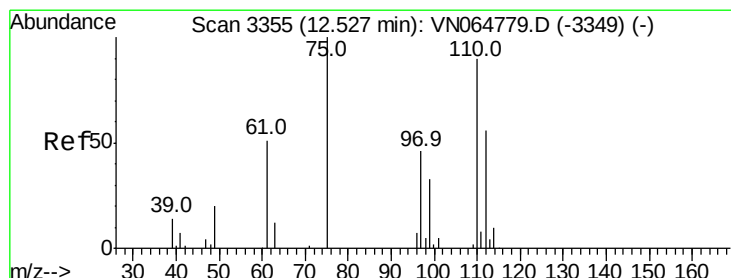
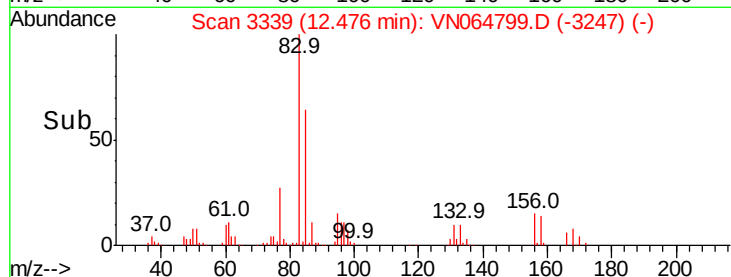
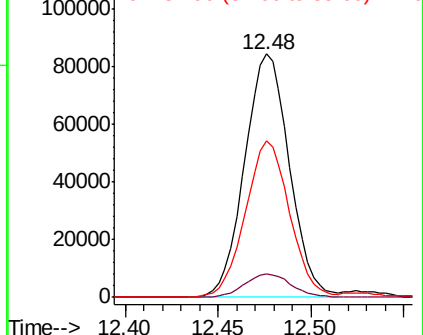
83 100

131 10.0 5.1 15.3

85 63.5 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 69.232 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064799.D

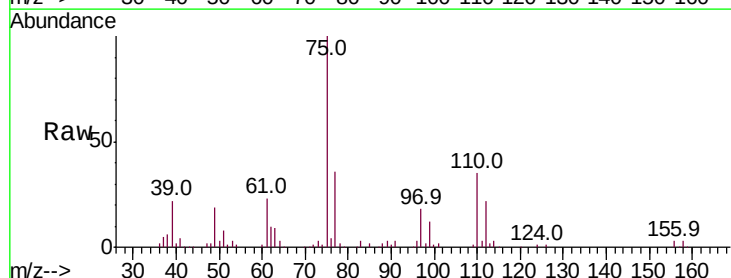
Acq: 24 Nov 2020 9:55

Tgt Ion: 75 Resp: 209841

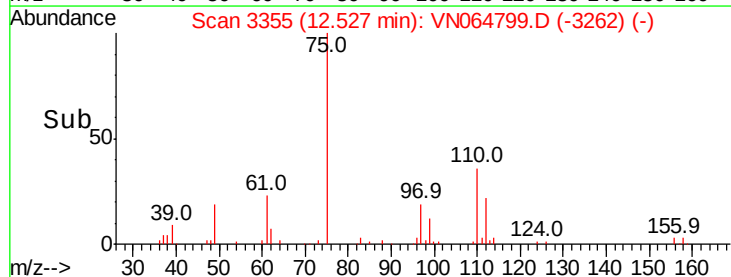
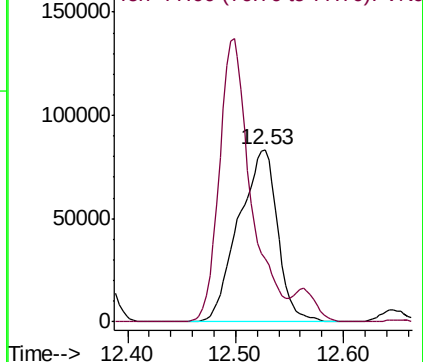
Ion Ratio Lower Upper

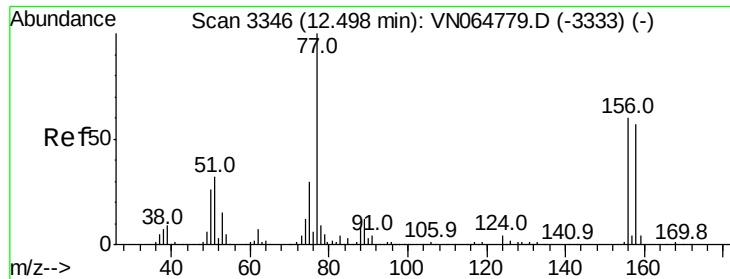
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 52.786 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

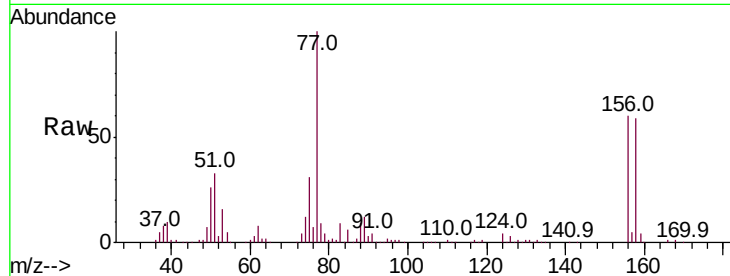
Tot Ion:156 Resp: 139317

Ion Ratio Lower Upper

156 100

77 199.5 101.3 303.7

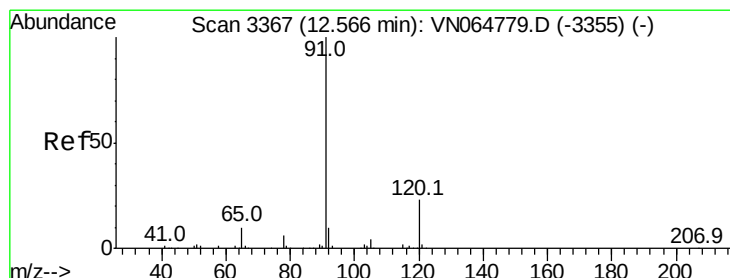
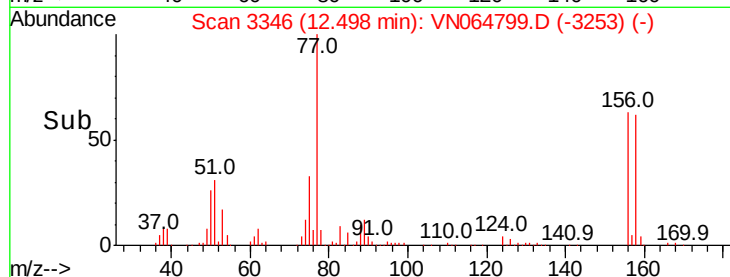
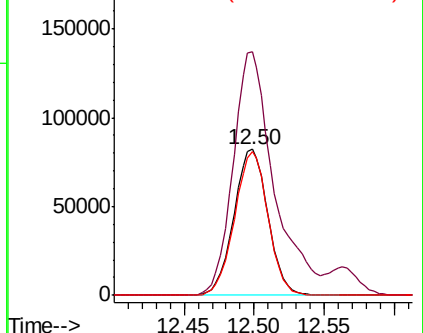
158 96.4 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.113 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064799.D

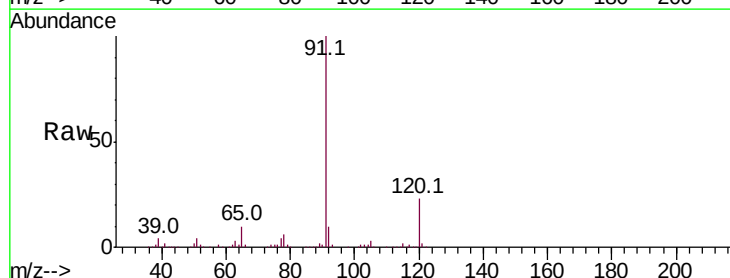
Acq: 24 Nov 2020 9:55

Tgt Ion: 91 Resp: 636944

Ion Ratio Lower Upper

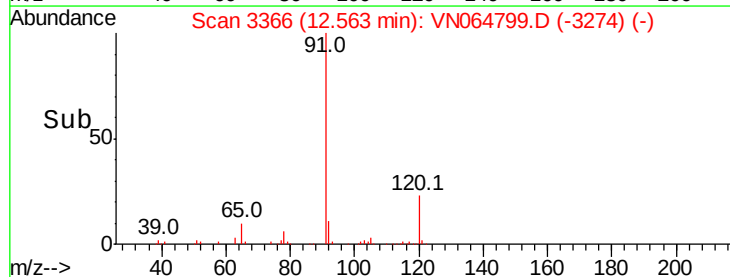
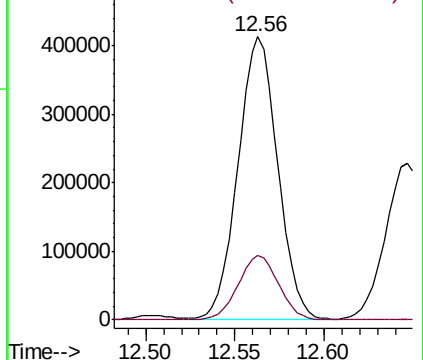
91 100

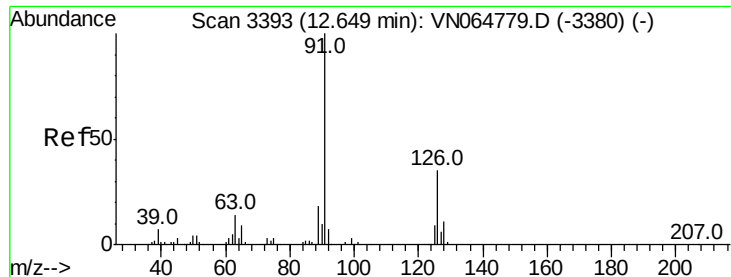
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.897 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

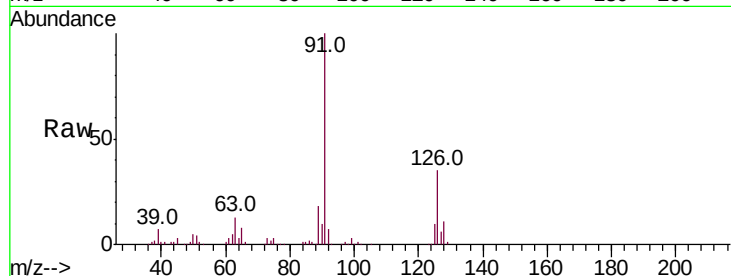
VSTDCCC050

Tot Ion: 91 Resp: 371549

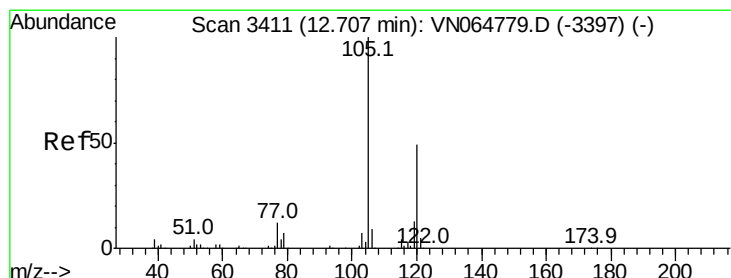
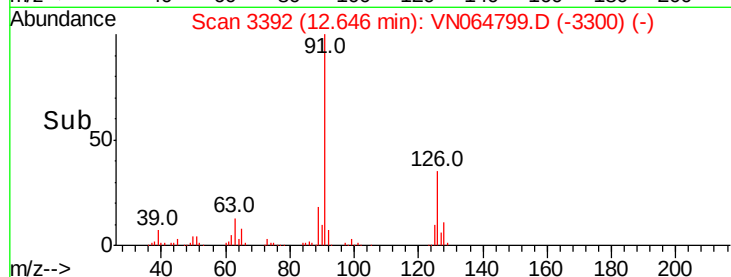
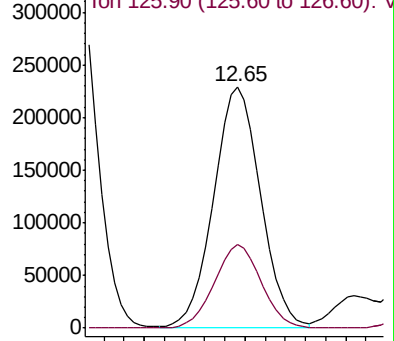
Ion Ratio Lower Upper

91 100

126 34.8 17.2 51.6



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



#80

1,3,5-Trimethylbenzene

Concen: 58.505 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064799.D

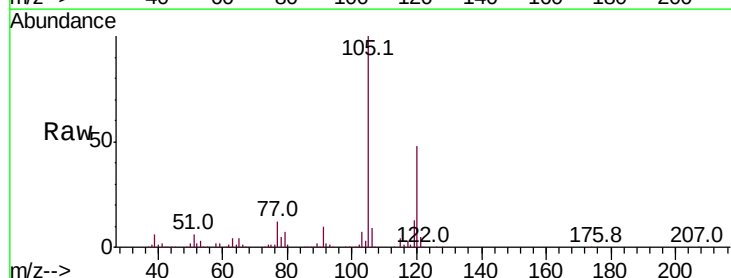
Acq: 24 Nov 2020 9:55

Tgt Ion: 105 Resp: 476057

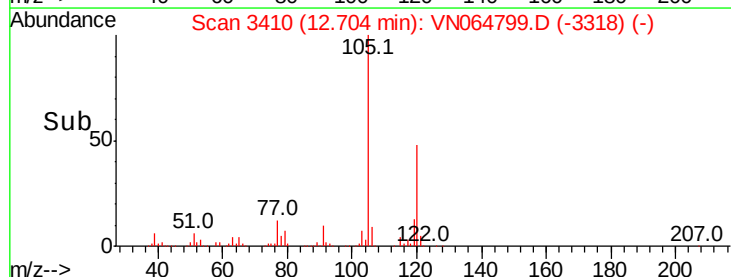
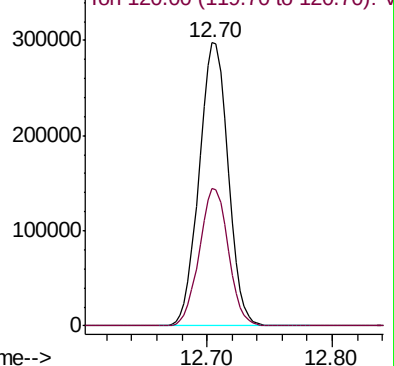
Ion Ratio Lower Upper

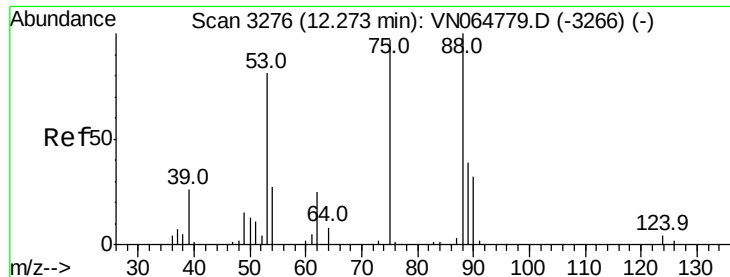
105 100

120 48.7 24.6 73.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 49.975 ug/l

RT: 12.27 min Scan# 3275

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

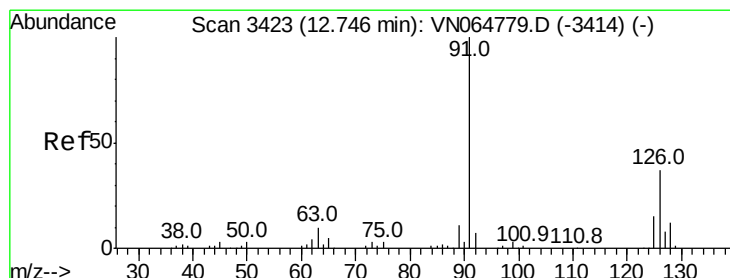
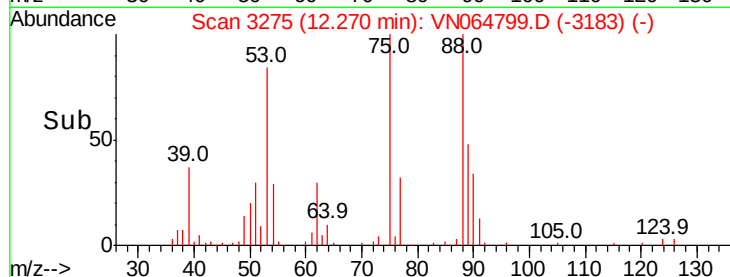
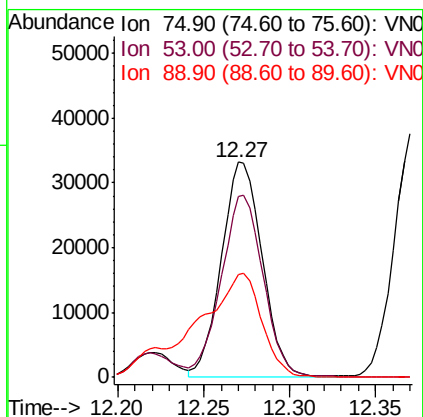
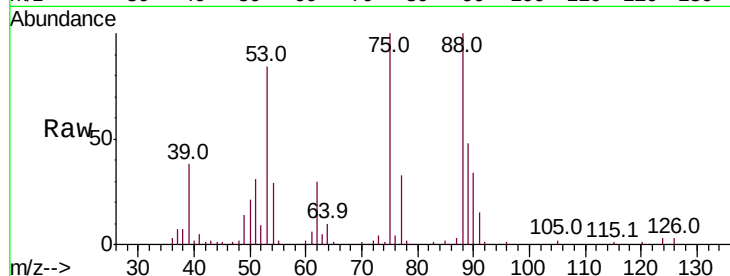
Tot Ion: 75 Resp: 55267

Ion Ratio Lower Upper

75 100

53 86.9 67.0 100.4

89 67.1 39.6 59.4#



#82

4-Chlorotoluene

Concen: 54.605 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064799.D

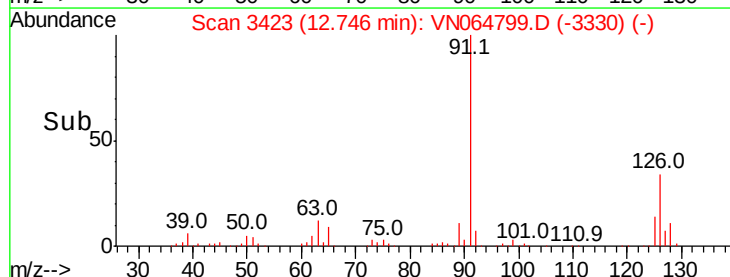
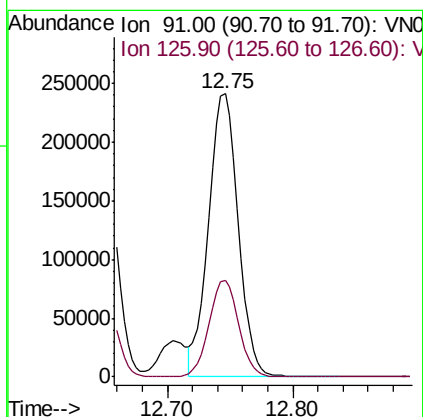
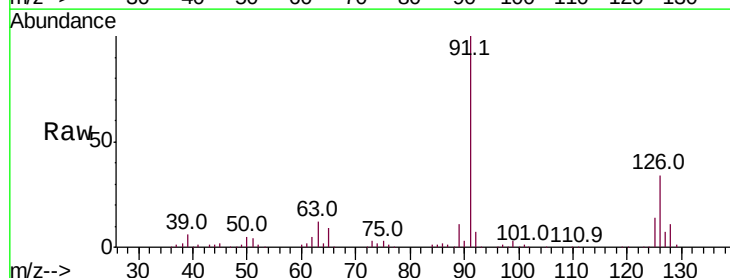
Acq: 24 Nov 2020 9:55

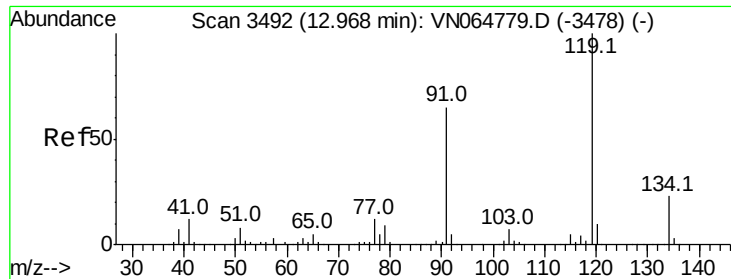
Tgt Ion: 91 Resp: 394573

Ion Ratio Lower Upper

91 100

126 34.0 16.9 50.7



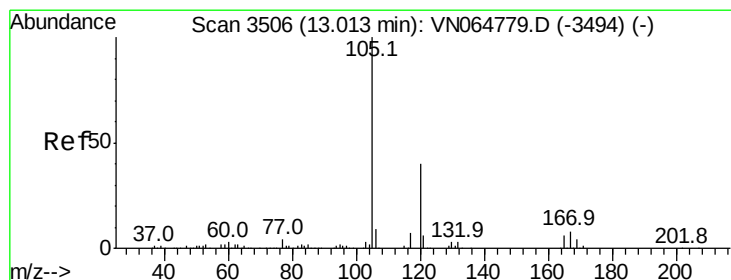
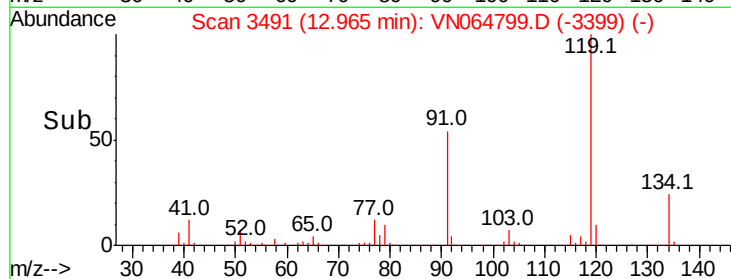
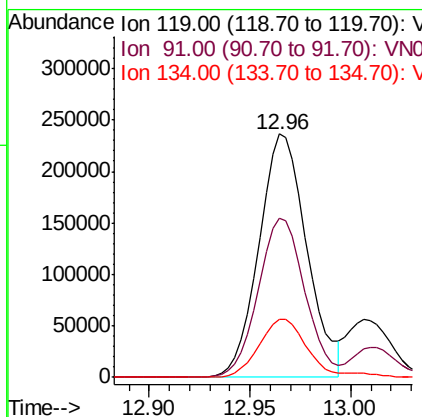
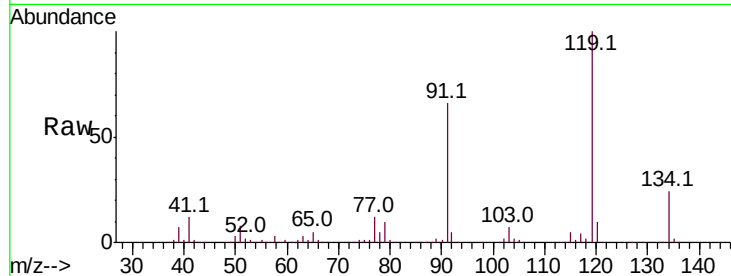


#83
 tert-Butylbenzene
 Concen: 57.372 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 391304

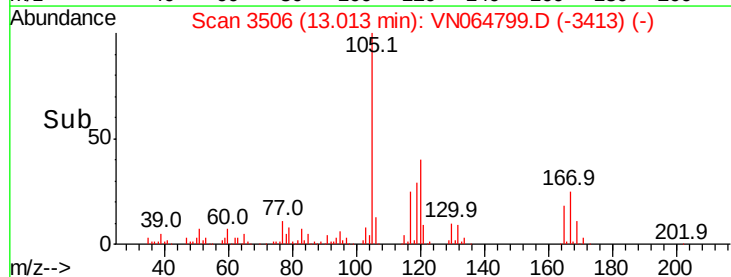
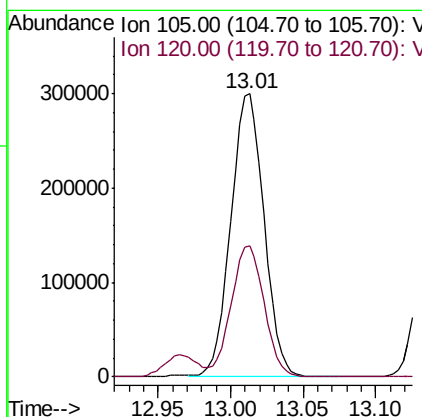
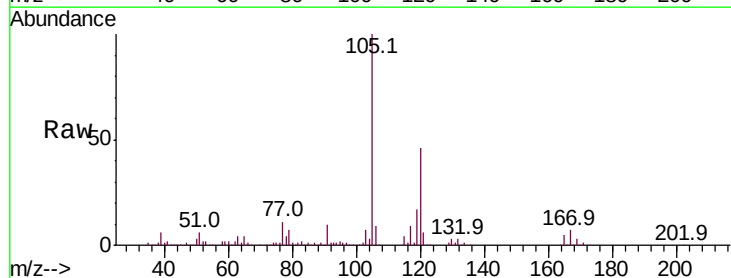
Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.3	96.8
134	24.7	12.6	37.6

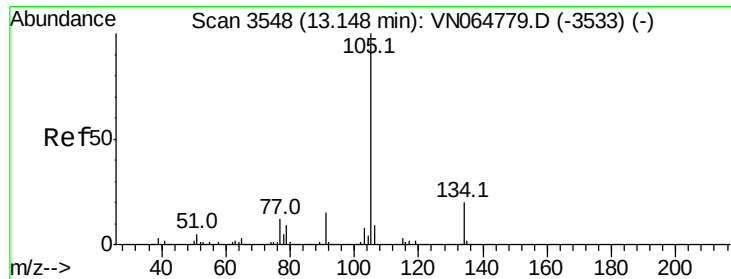


#84
 1,2,4-Trimethylbenzene
 Concen: 57.703 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Tgt Ion:105 Resp: 474732

Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 57.786 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

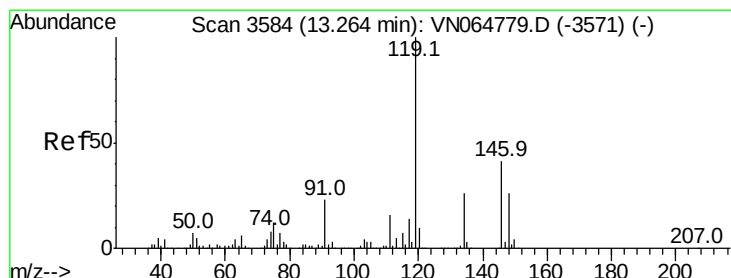
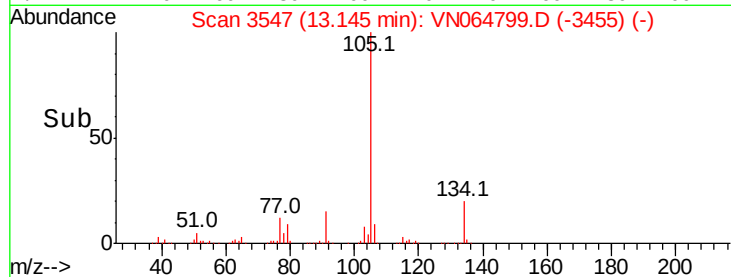
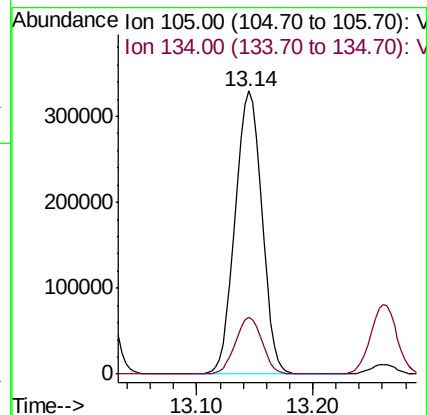
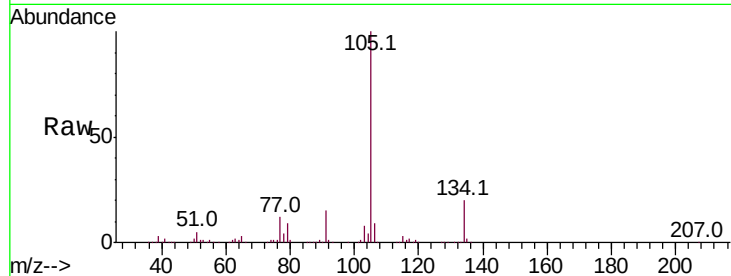
VSTDCCC050

Tot Ion:105 Resp: 523290

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 59.302 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

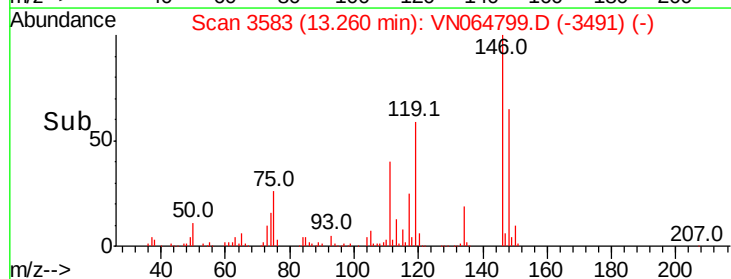
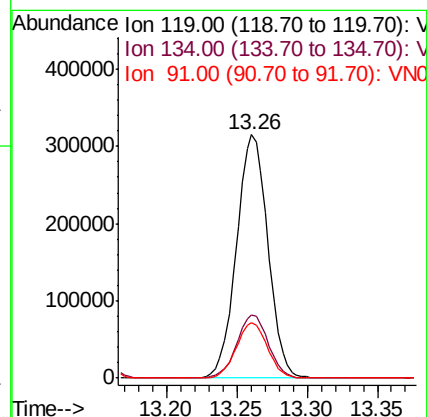
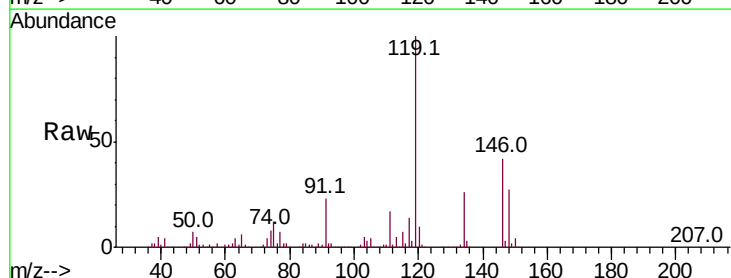
Tgt Ion:119 Resp: 488919

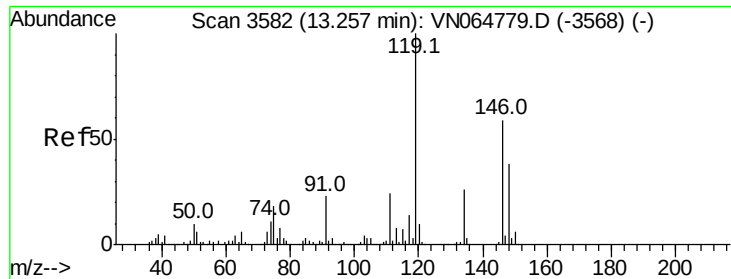
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 22.6 11.5 34.5

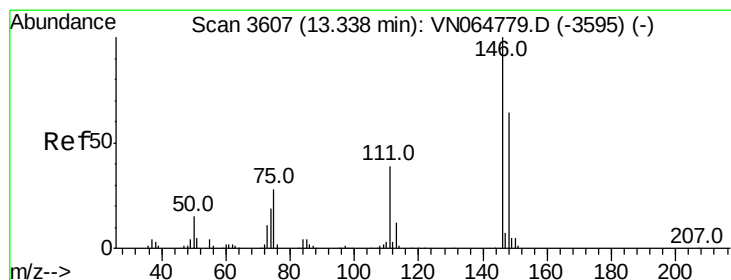
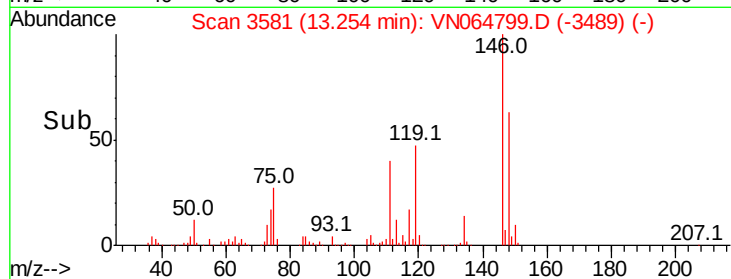
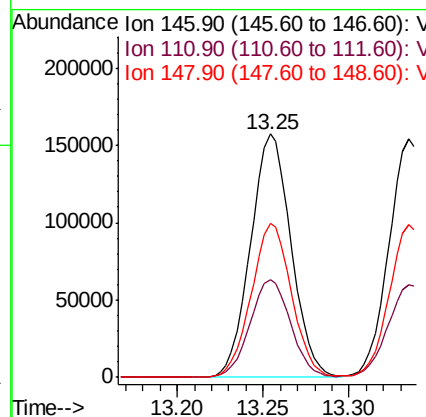
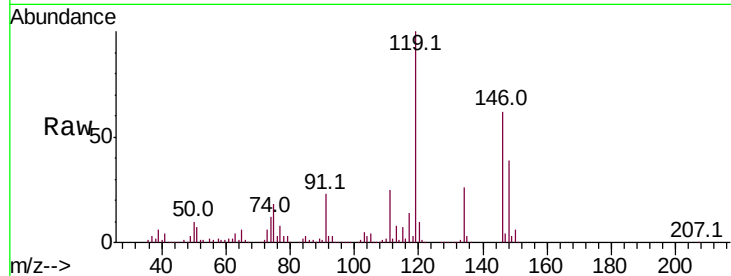




#87
 1,3-Dichlorobenzene
 Concen: 54.743 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

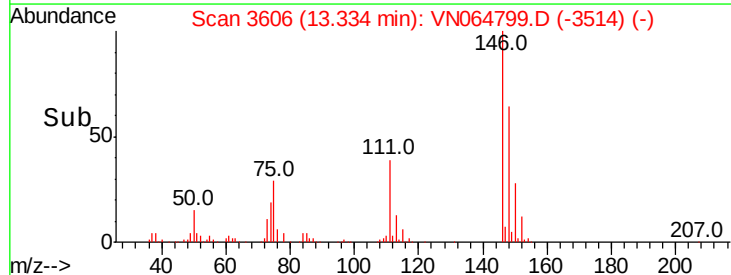
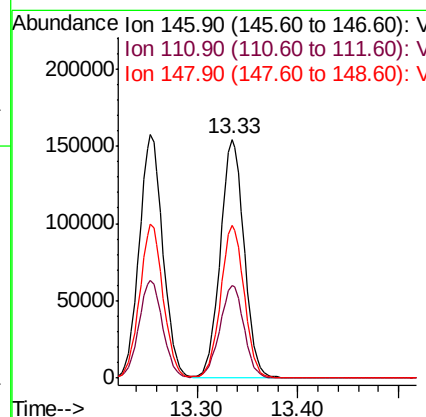
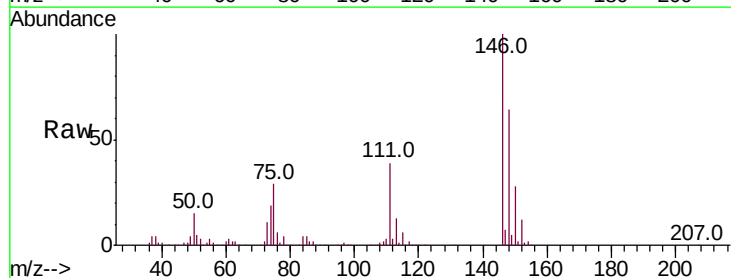
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

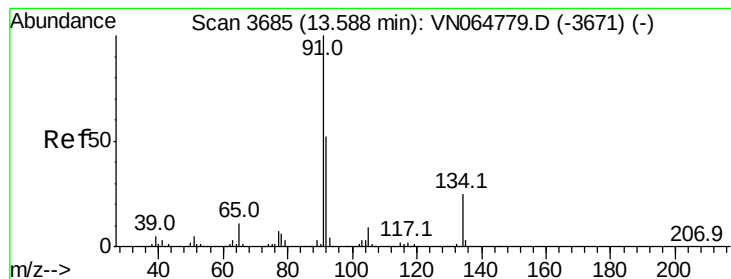
Tot Ion:146 Resp: 256695
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.9
 148 62.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 51.350 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Tgt Ion:146 Resp: 254640
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.8 59.3
 148 62.9 31.9 95.5





#89

n-Butylbenzene

Concen: 57.383 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

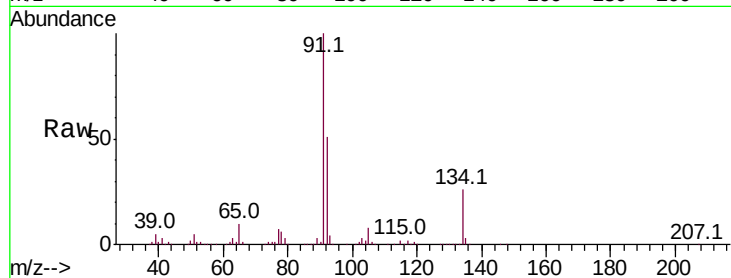
Tot Ion: 91 Resp: 415473

Ion Ratio Lower Upper

91 100

92 51.8 26.0 78.0

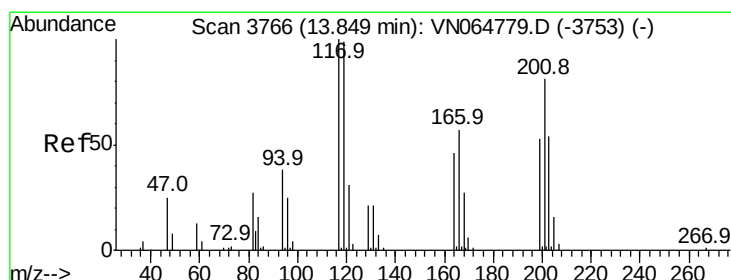
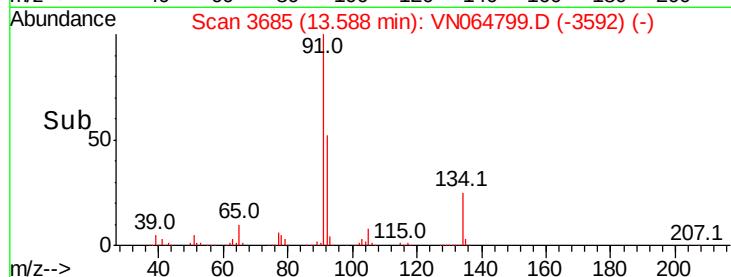
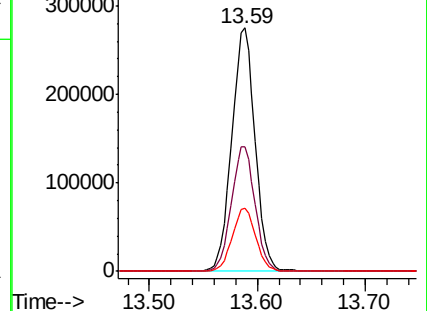
134 26.1 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN064779.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN064779.D (-3671) (-)



#90

Hexachloroethane

Concen: 54.407 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064799.D

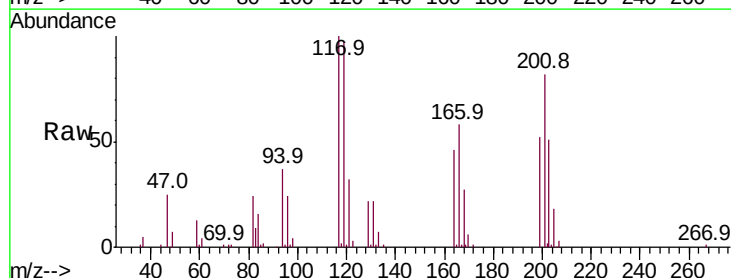
Acq: 24 Nov 2020 9:55

Tgt Ion: 117 Resp: 77925

Ion Ratio Lower Upper

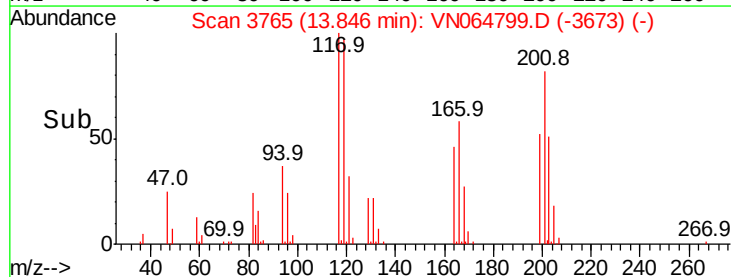
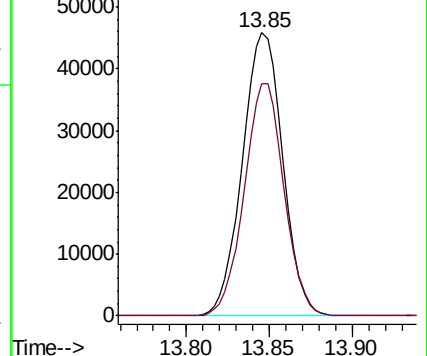
117 100

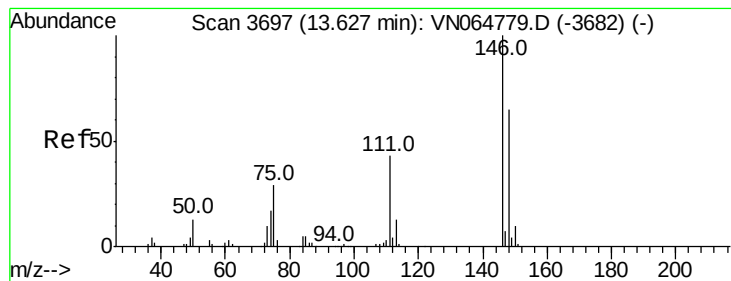
201 80.7 40.1 120.3



Abundance Ion 116.80 (116.50 to 117.50): VN064779.D (-3753) (-)

Ion 200.70 (200.40 to 201.40): VN064779.D (-3753) (-)





#91

1,2-Dichlorobenzene

Concen: 52.897 ug/l

RT: 13.62 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

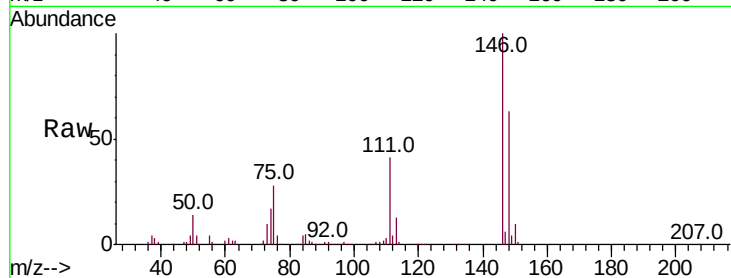
Tot Ion:146 Resp: 243546

Ion Ratio Lower Upper

146 100

111 41.4 21.1 63.1

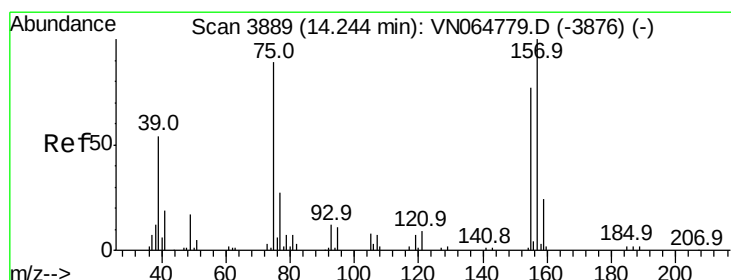
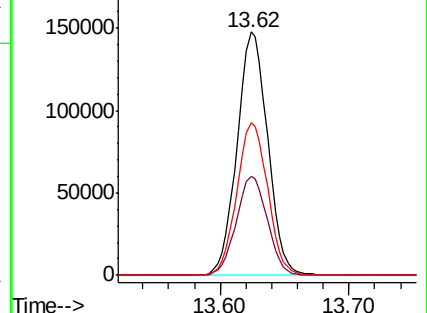
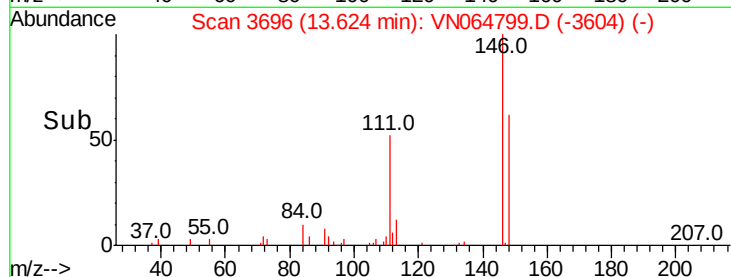
148 63.4 32.0 96.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.139 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

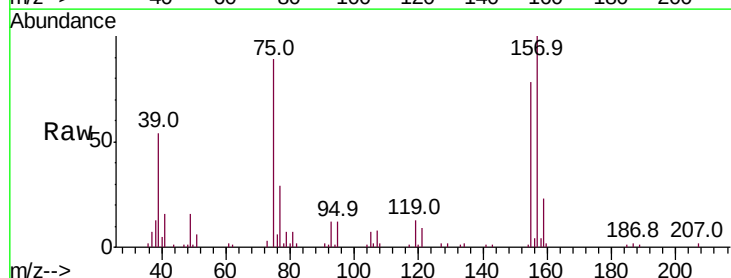
Tgt Ion: 75 Resp: 30434

Ion Ratio Lower Upper

75 100

155 87.9 42.8 128.3

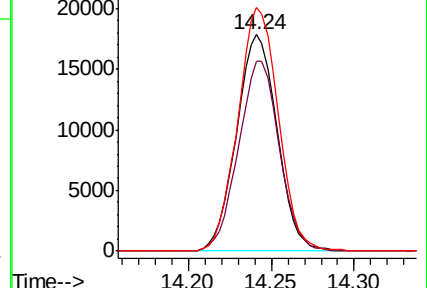
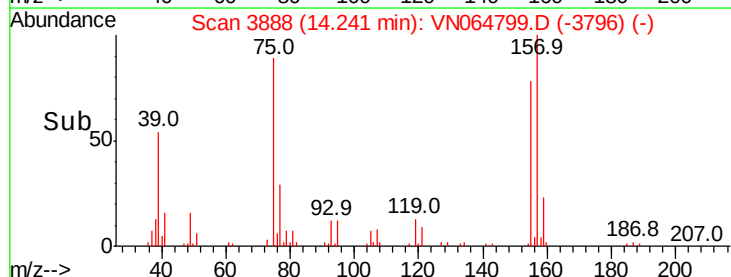
157 112.5 56.4 169.1

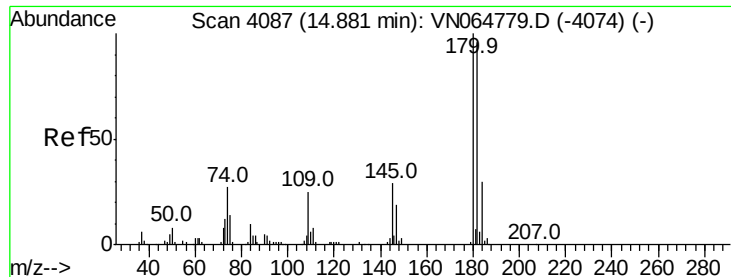


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

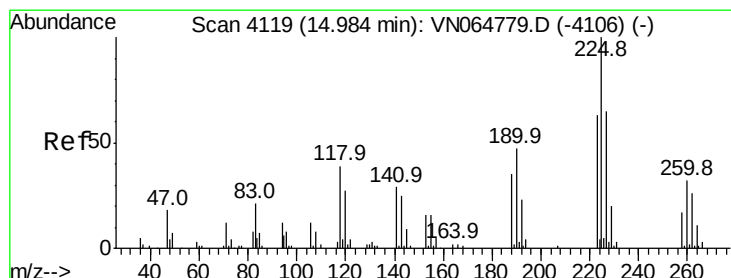
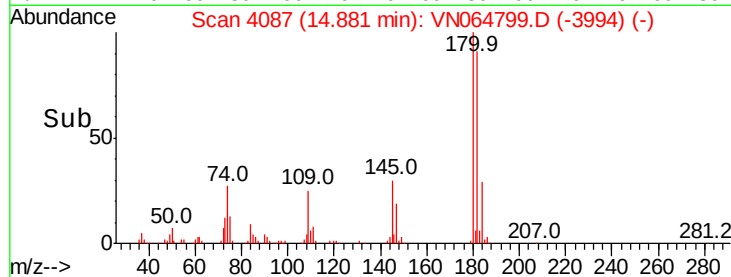
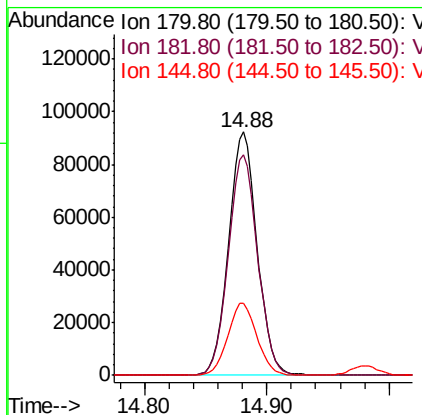
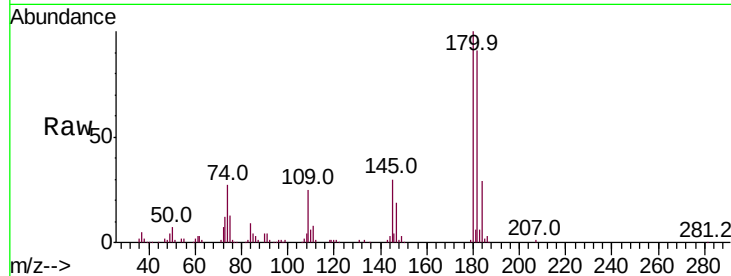




#93
 1,2,4-Trichlorobenzene
 Concen: 52.865 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

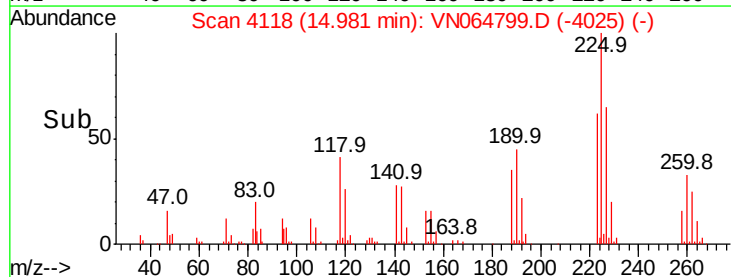
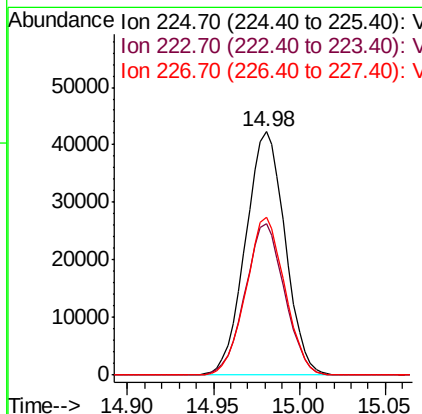
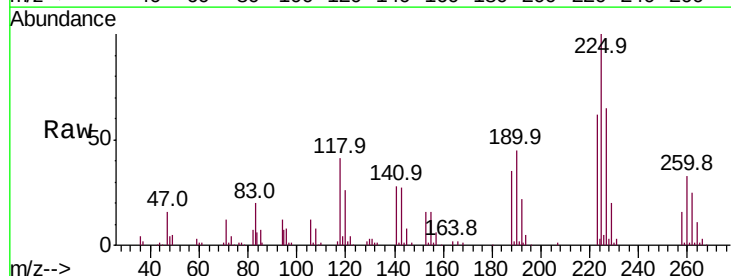
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

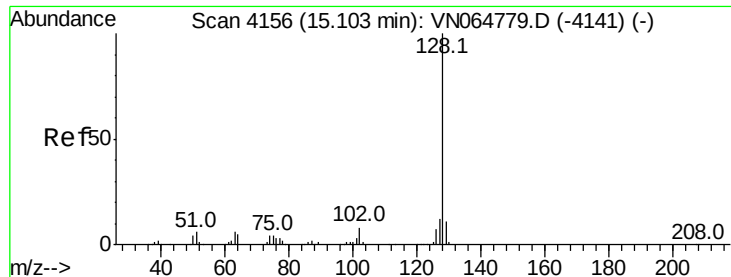
Tot Ion:180 Resp: 150570
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.6 142.9
 145 30.2 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 52.729 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064799.D
 Acq: 24 Nov 2020 9:55

Tgt Ion:225 Resp: 67655
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.0 93.0
 227 63.6 32.0 96.0





#95

Naphthalene

Concen: 50.069 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

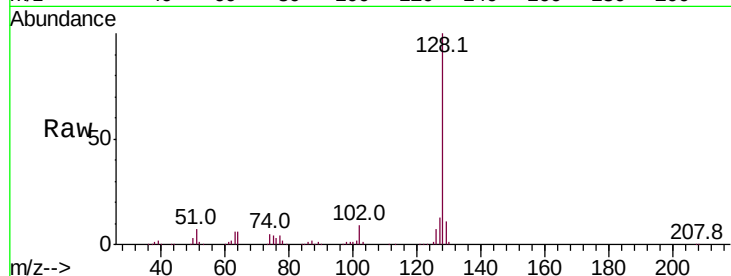
Tot Ion:128 Resp: 427227

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

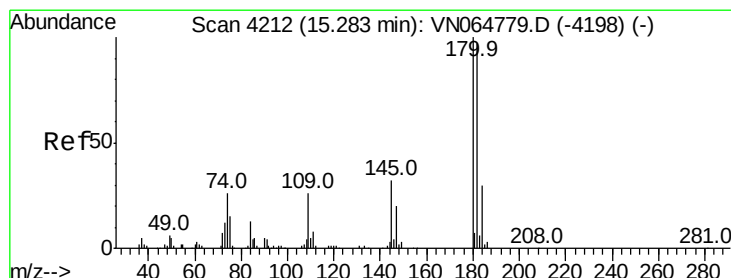
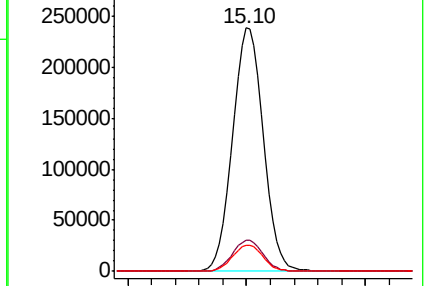
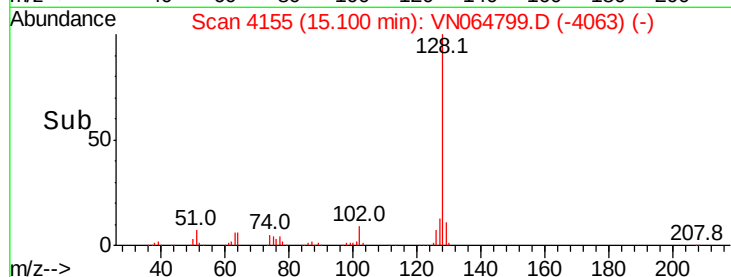
129 10.8 8.7 13.1



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: 51.671 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064799.D

Acq: 24 Nov 2020 9:55

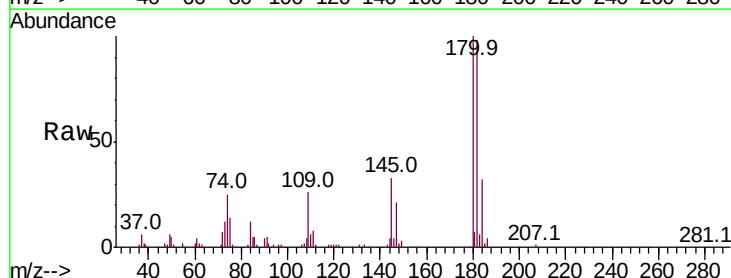
Tgt Ion:180 Resp: 139984

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.4

145 32.5 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

