

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065035.D
 Acq On : 9 Dec 2020 21:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 10 04:10:33 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	7.63	168	194388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	309754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109495	48.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.90%
35) Dibromofluoromethane	7.55	113	95160	51.34	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.68%
50) Toluene-d8	10.06	98	366782	48.43	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.86%
62) 4-Bromofluorobenzene	12.37	95	132924	49.04	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.08%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	68472	40.643	ug/l	96
3) Chloromethane	2.04	50	93285	42.610	ug/l	96
4) Vinyl Chloride	2.17	62	100691	44.114	ug/l	99
5) Bromomethane	2.52	94	65125	43.489	ug/l	98
6) Chloroethane	2.67	64	66561	47.149	ug/l	98
7) Trichlorofluoromethane	2.99	101	150842	47.808	ug/l	99
8) Diethyl Ether	3.38	74	60974	48.959	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	91516	48.352	ug/l	99
10) Methyl Iodide	3.91	142	115982	47.243	ug/l	99
11) Tert butyl alcohol	4.75	59	76277	216.428	ug/l	100
12) 1,1-Dichloroethene	3.69	96	87885	46.624	ug/l	99
13) Acrolein	3.57	56	68765	319.431	ug/l	99
14) Allyl chloride	4.27	41	143229	46.069	ug/l	99
15) Acrylonitrile	4.93	53	242555	249.129	ug/l	99
16) Acetone	3.78	43	182917	246.224	ug/l	96
17) Carbon Disulfide	4.01	76	203987	41.913	ug/l	99
18) Methyl Acetate	4.28	43	116629	52.217	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	309240	51.152	ug/l	99
20) Methylene Chloride	4.50	84	108560	46.635	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	96822	46.254	ug/l	98
22) Diisopropyl ether	5.91	45	326147	52.411	ug/l	99
23) Vinyl Acetate	5.85	43	1272347	255.683	ug/l	99
24) 1,1-Dichloroethane	5.80	63	187962	50.541	ug/l	99
25) 2-Butanone	6.79	43	295574	245.440	ug/l	97
26) 2,2-Dichloropropane	6.78	77	143776	44.575	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	116991	49.668	ug/l	98
28) Bromochloromethane	7.15	49	83252	48.933	ug/l	97
29) Tetrahydrofuran	7.17	42	198580	238.881	ug/l	99
30) Chloroform	7.33	83	196164	51.149	ug/l	99
31) Cyclohexane	7.61	56	137647	43.701	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	164016	49.793	ug/l	99
36) 1,1-Dichloropropene	7.75	75	137160	47.772	ug/l	99
37) Ethyl Acetate	6.88	43	124563	45.039	ug/l	99
38) Carbon Tetrachloride	7.73	117	146344	48.987	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	135013	43.683	ug/l	97
40) Benzene	8.00	78	427779	48.622	ug/l	99
41) Methacrylonitrile	7.13	41	61421	48.131	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	144322	48.626	ug/l	99
43) Isopropyl Acetate	8.13	43	212955	47.852	ug/l	100
44) Trichloroethene	8.80	130	119891	46.185	ug/l	96
45) 1,2-Dichloropropane	9.08	63	119279	52.352	ug/l	98
46) Dibromomethane	9.17	93	76914	50.530	ug/l	97
47) Bromodichloromethane	9.37	83	155528	50.781	ug/l	100
48) Methyl methacrylate	9.17	41	106341	50.008	ug/l	99
49) 1,4-Dioxane	9.16	88	36285	902.808	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	661882	247.738	ug/l	99
52) Toluene	10.12	92	275152	50.783	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	167641	49.143	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	182415	49.889	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	112694	50.580	ug/l	98
56) Ethyl methacrylate	10.40	69	157227	51.138	ug/l	99
57) 1,3-Dichloropropane	10.68	76	186028	50.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	407264	240.808	ug/l	100
59) 2-Hexanone	10.72	43	472512	245.743	ug/l	98
60) Dibromochloromethane	10.87	129	128409	51.848	ug/l	100
61) 1,2-Dibromoethane	10.97	107	112961	49.903	ug/l	98
64) Tetrachloroethene	10.60	164	123042	45.569	ug/l	97
65) Chlorobenzene	11.41	112	301351	50.563	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	118619	54.157	ug/l	99
67) Ethyl Benzene	11.48	91	512115	51.436	ug/l	99
68) m/p-Xylenes	11.59	106	400763	106.315	ug/l	99
69) o-Xylene	11.92	106	191854	53.633	ug/l	100
70) Styrene	11.94	104	333369	55.205	ug/l	99
71) Bromoform	12.10	173	89669	51.257	ug/l #	99
73) Isopropylbenzene	12.22	105	505089	51.418	ug/l	100
74) N-amyl acetate	12.05	43	188459	48.750	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	149252	51.837	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	201339	66.199	ug/l #	100
77) Bromobenzene	12.50	156	132682	50.100	ug/l	97
78) n-propylbenzene	12.56	91	566600	50.632	ug/l	99
79) 2-Chlorotoluene	12.65	91	342370	49.494	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	432667	52.990	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	52357	47.181	ug/l	97
82) 4-Chlorotoluene	12.75	91	361915	49.914	ug/l	99
83) tert-Butylbenzene	12.97	119	358168	52.334	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	439833	53.278	ug/l	100
85) sec-Butylbenzene	13.14	105	461539	50.792	ug/l	100
86) p-Isopropyltoluene	13.26	119	424079	51.261	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	234167	49.768	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	236415	47.511	ug/l	100
89) n-Butylbenzene	13.59	91	343326	47.256	ug/l	99
90) Hexachloroethane	13.85	117	74869	52.095	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	233494	50.540	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29965	46.253	ug/l	99

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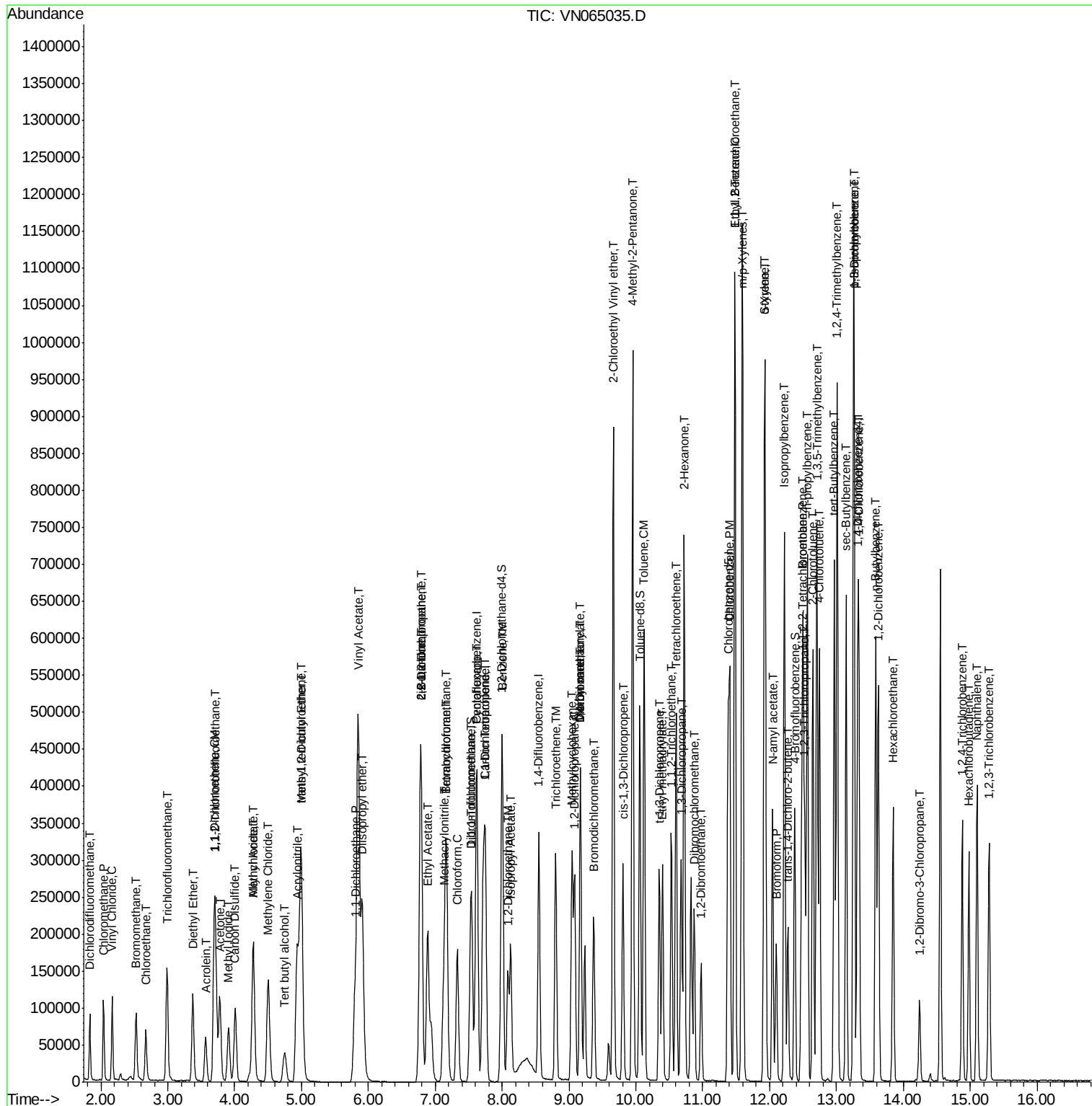
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	117491	41.110	ug/l	99
94) Hexachlorobutadiene	14.98	225	61679	47.941	ug/l	100
95) Naphthalene	15.10	128	354036	41.349	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	113348	41.964	ug/l	99

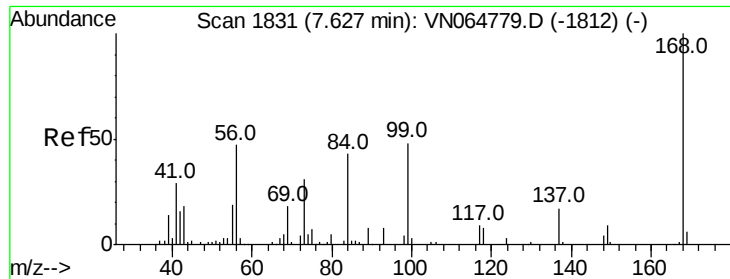
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

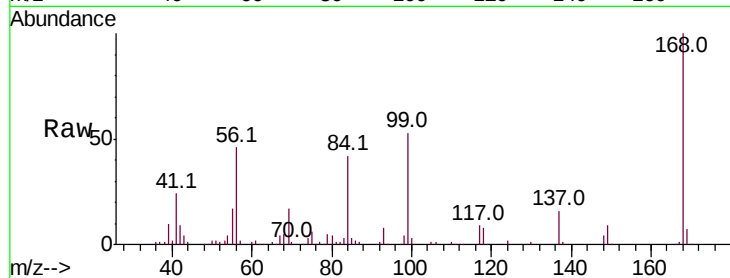
VSTDCCC050EC

Tot Ion:168 Resp: 194388

Ion Ratio Lower Upper

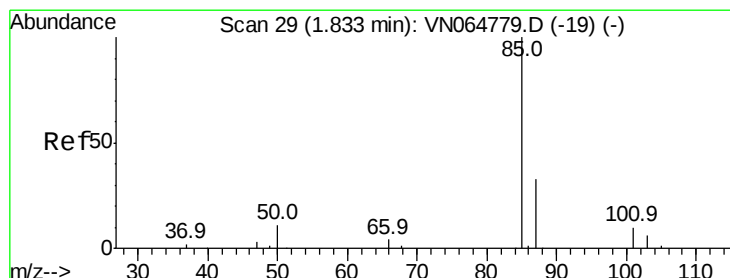
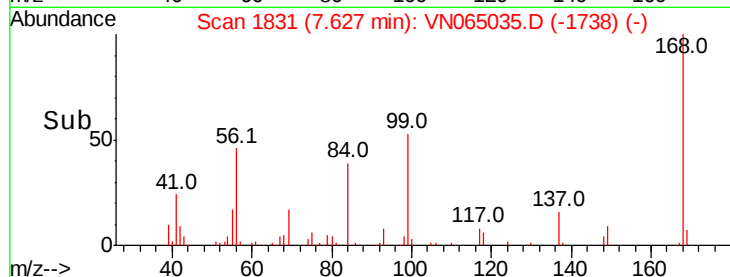
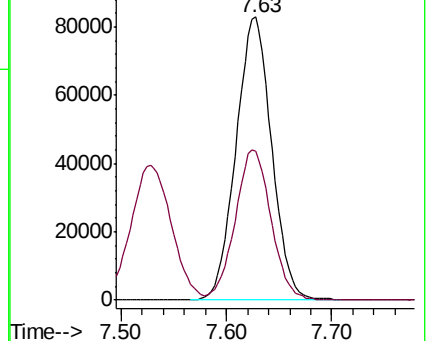
168 100

99 52.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 40.643 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN065035.D

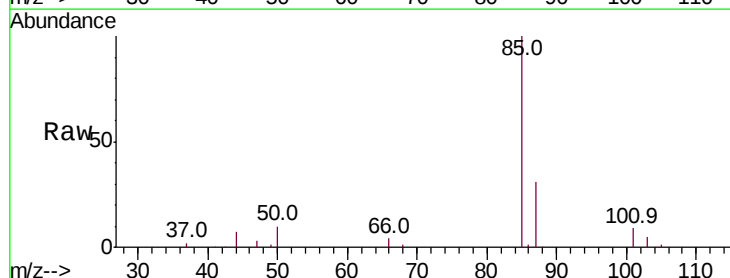
Acq: 9 Dec 2020 21:03

Tgt Ion: 85 Resp: 68472

Ion Ratio Lower Upper

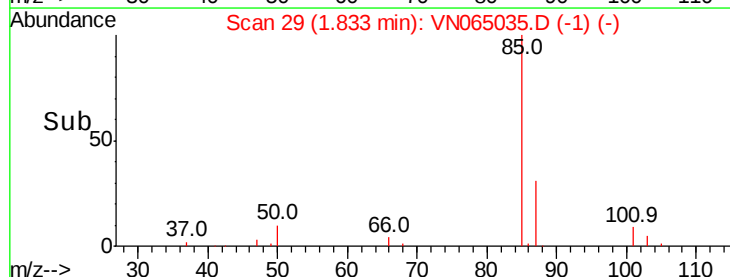
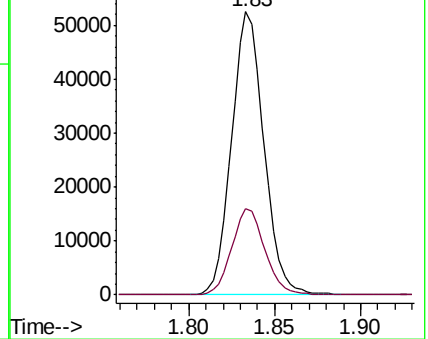
85 100

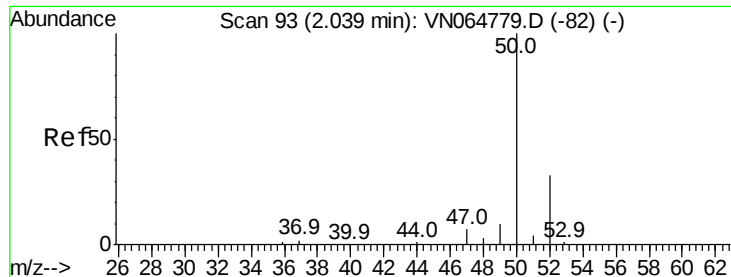
87 30.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

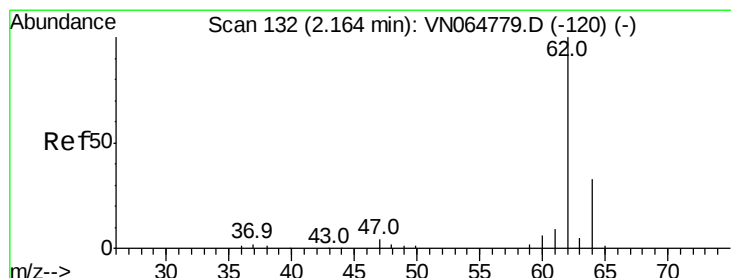
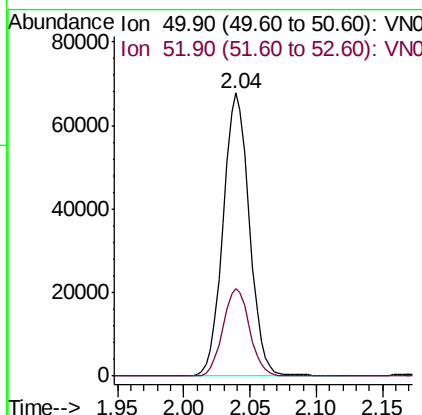
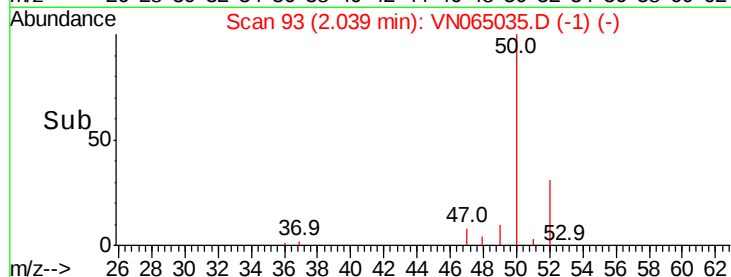
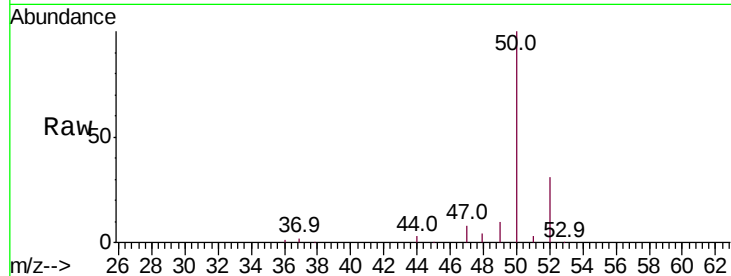




#3
 Chloromethane
 Concen: 42.610 ug/l
 RT: 2.04 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

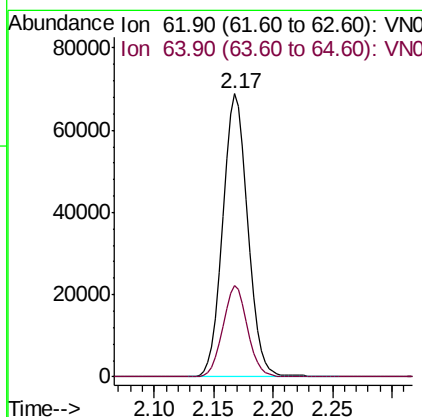
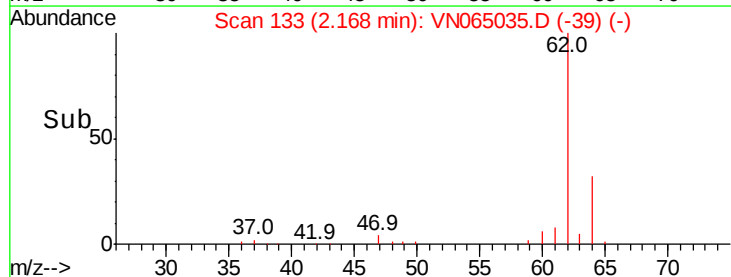
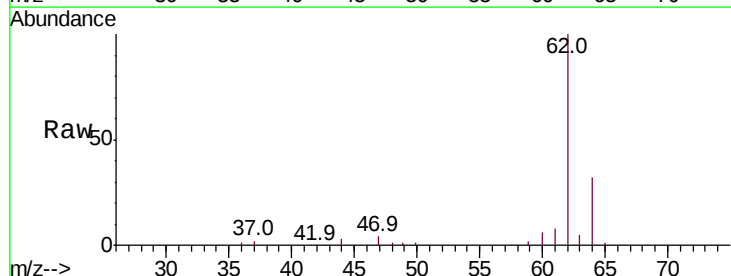
Instrument :
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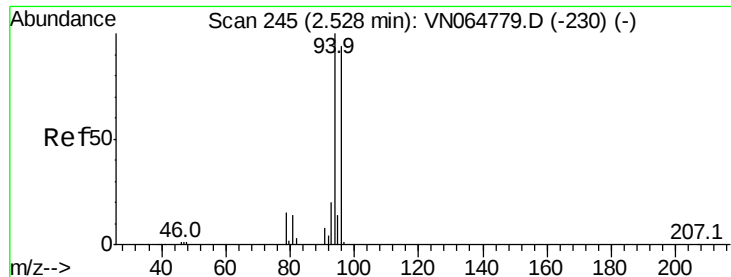
Tot Ion: 50 Resp: 93285
 Ion Ratio Lower Upper
 50 100
 52 31.1 26.6 39.8



#4
 Vinyl Chloride
 Concen: 44.114 ug/l
 RT: 2.17 min Scan# 133
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion: 62 Resp: 100691
 Ion Ratio Lower Upper
 62 100
 64 32.3 26.5 39.7





#5

Bromomethane

Concen: 43.489 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

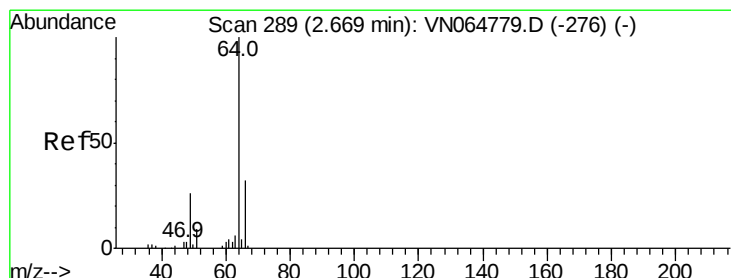
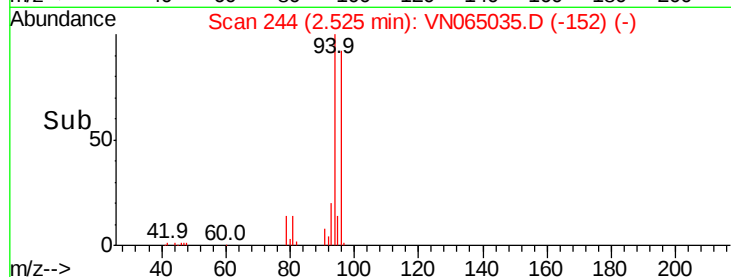
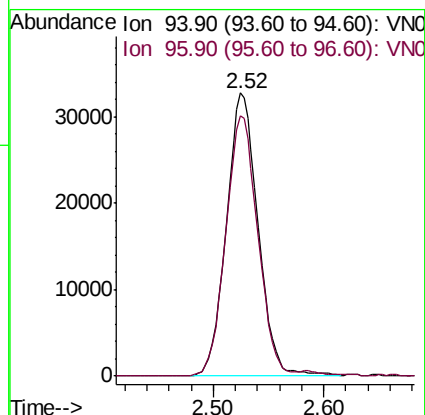
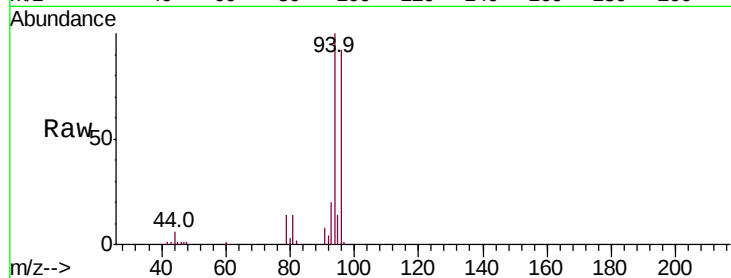
VSTDCCC050EC

Tot Ion: 94 Resp: 65125

Ion Ratio Lower Upper

94 100

96 91.8 75.4 113.0



#6

Chloroethane

Concen: 47.149 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN065035.D

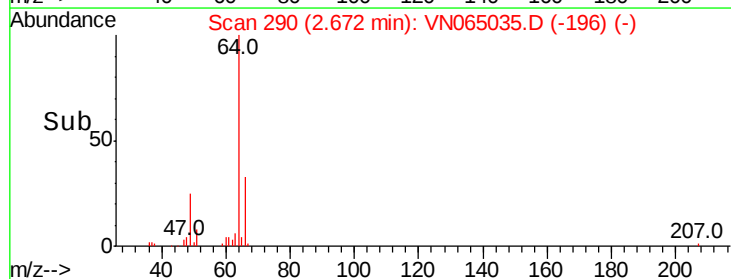
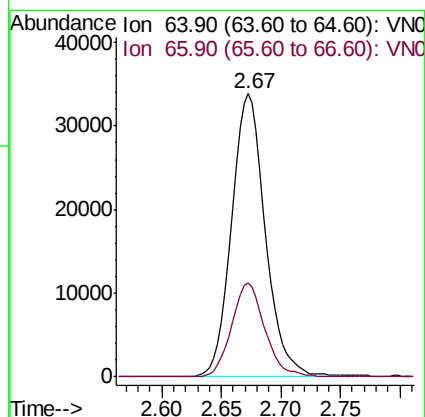
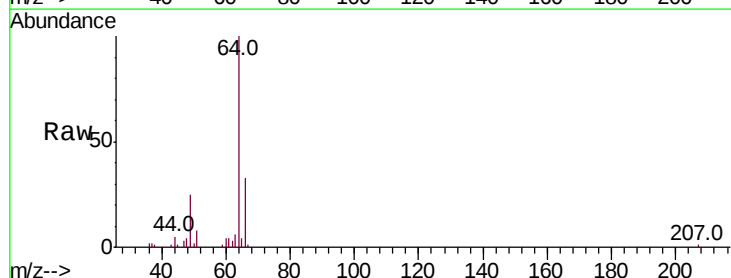
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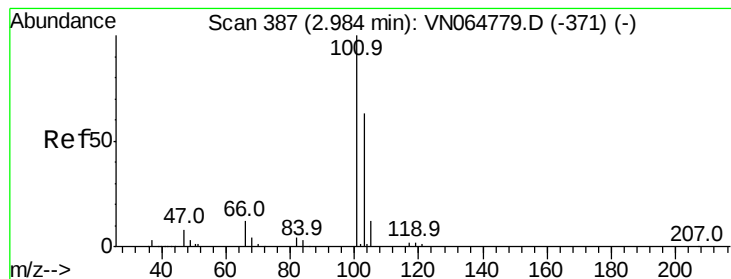
Tgt Ion: 64 Resp: 66561

Ion Ratio Lower Upper

64 100

66 33.0 25.6 38.4





#7

Trichlorofluoromethane

Concen: 47.808 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

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ClientSampleId :

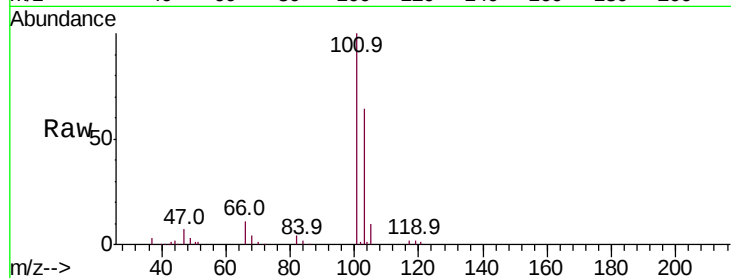
VSTDCCC050EC

Tot Ion:101 Resp: 150842

Ion Ratio Lower Upper

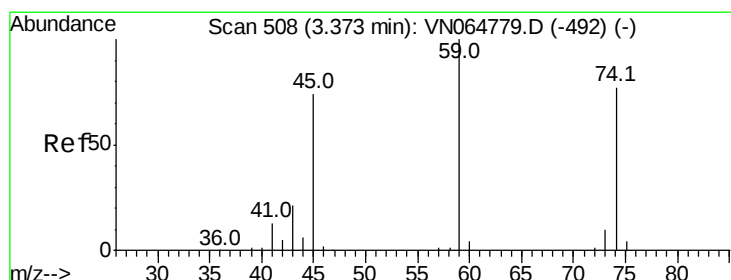
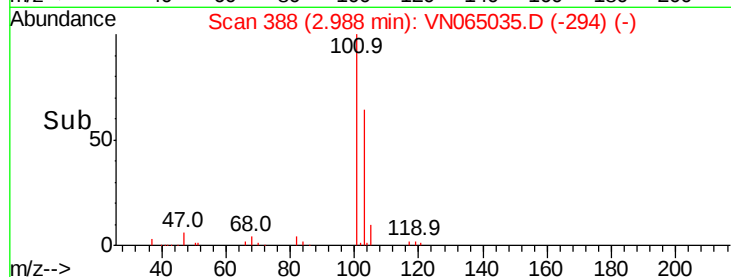
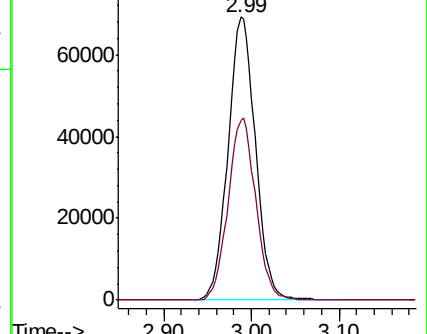
101 100

103 63.7 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 48.959 ug/l

RT: 3.38 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN065035.D

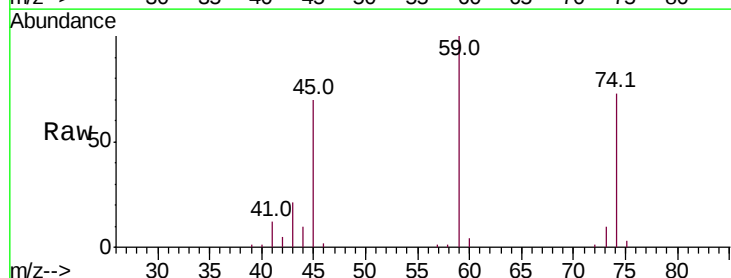
Acq: 9 Dec 2020 21:03

Tgt Ion: 74 Resp: 60974

Ion Ratio Lower Upper

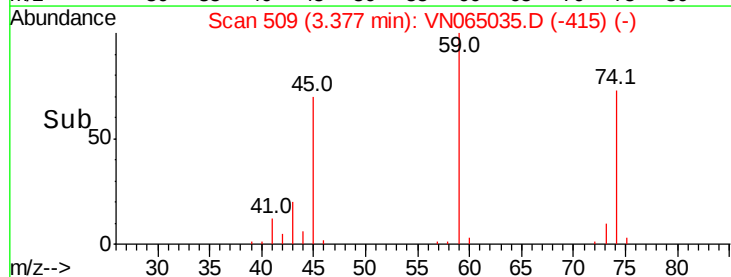
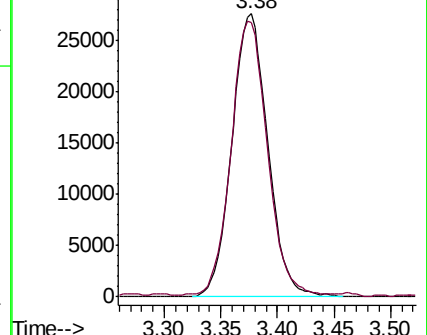
74 100

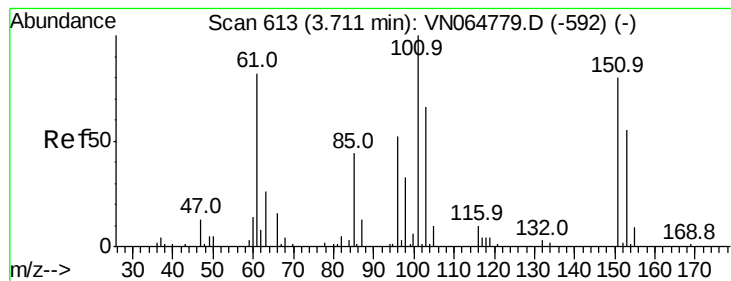
45 97.0 48.9 146.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.352 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

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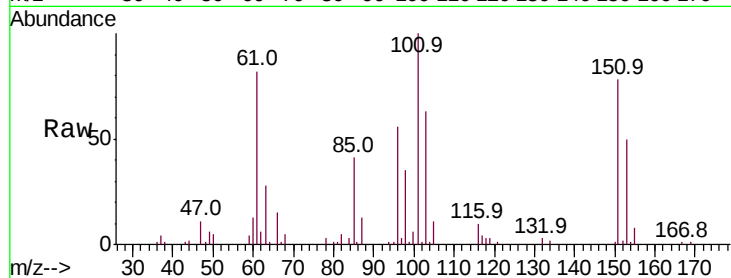
Tot Ion:101 Resp: 91516

Ion Ratio Lower Upper

101 100

85 43.2 34.4 51.6

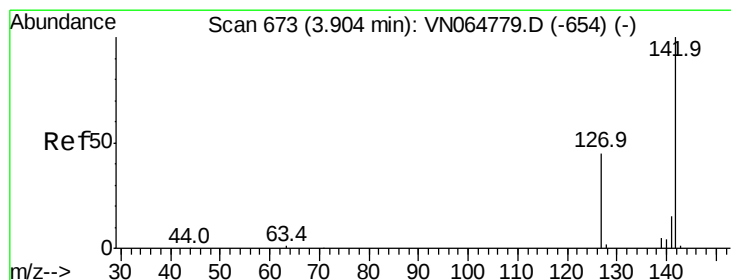
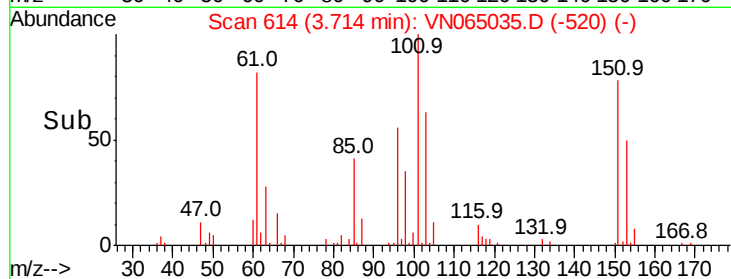
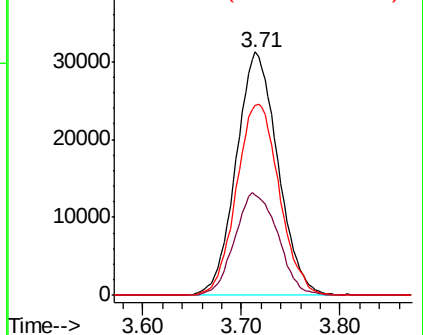
151 80.7 64.0 96.0



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: 47.243 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

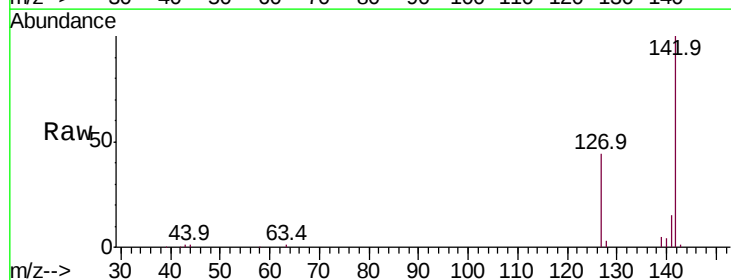
Tgt Ion:142 Resp: 115982

Ion Ratio Lower Upper

142 100

127 44.4 35.0 52.6

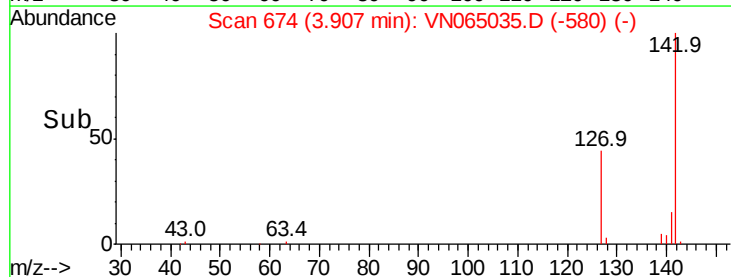
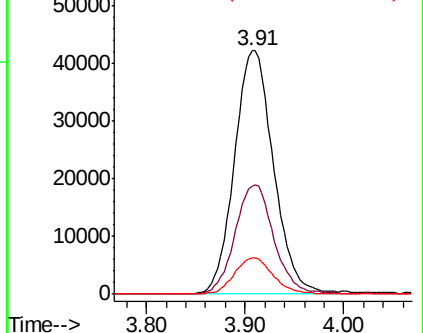
141 14.7 11.8 17.6

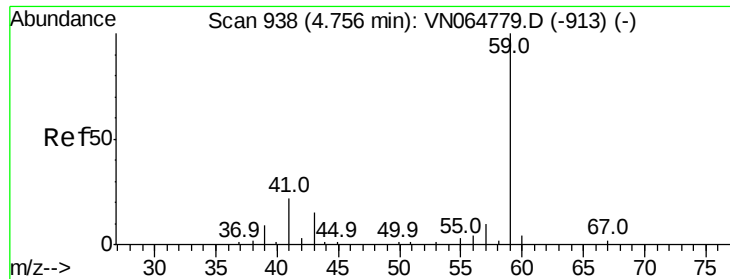


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

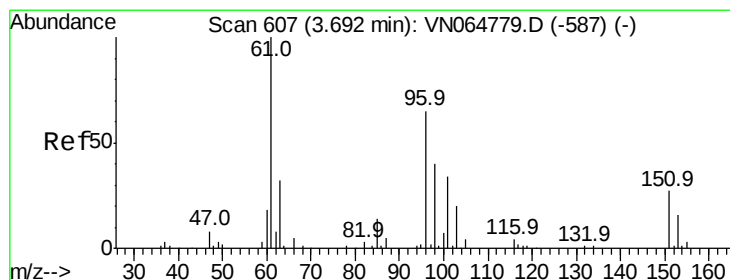
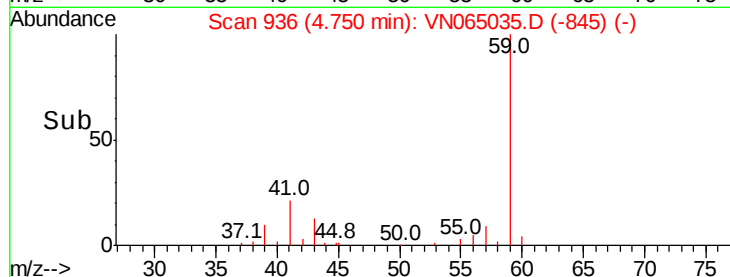
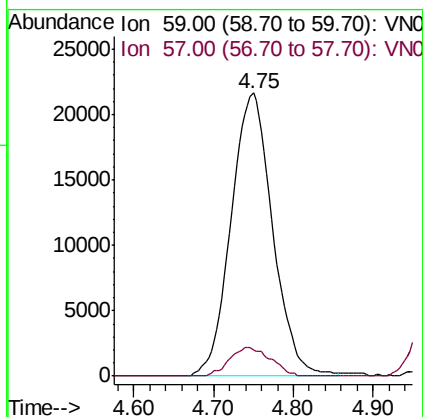
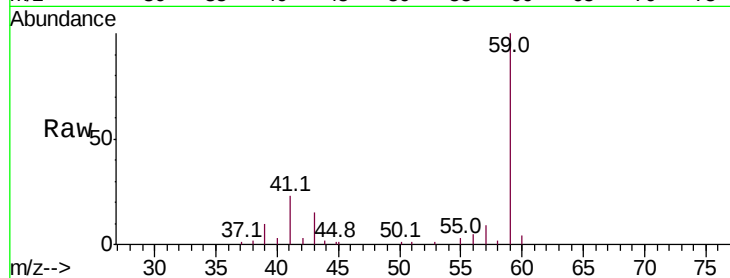




#11
Tert butyl alcohol
Concen: 216.428 ug/l
RT: 4.75 min Scan# 936
Delta R.T. -0.01 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

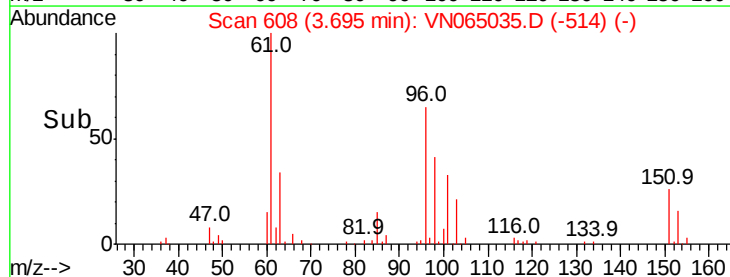
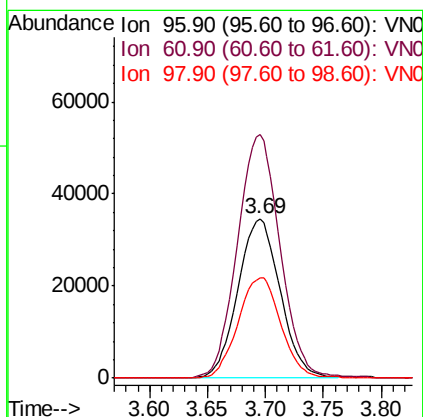
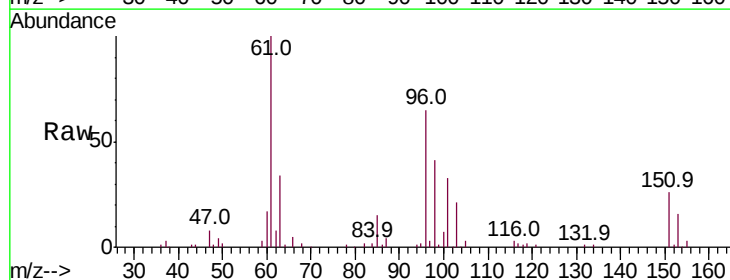
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

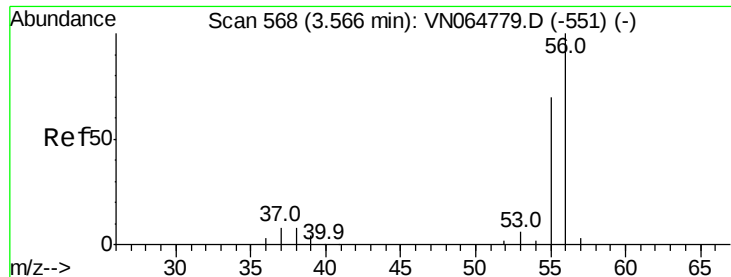
Tot Ion: 59 Resp: 76277
Ion Ratio Lower Upper
59 100
57 10.0 7.9 11.9



#12
1,1-Dichloroethene
Concen: 46.624 ug/l
RT: 3.69 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 96 Resp: 87885
Ion Ratio Lower Upper
96 100
61 153.0 123.4 185.2
98 63.3 49.8 74.8





#13

Acrolein

Concen: 319.431 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

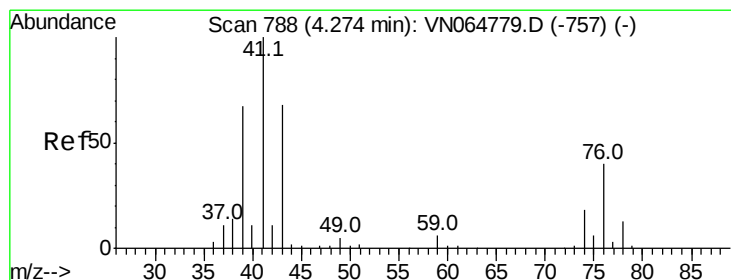
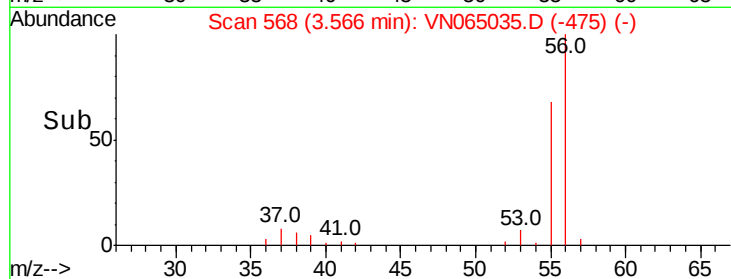
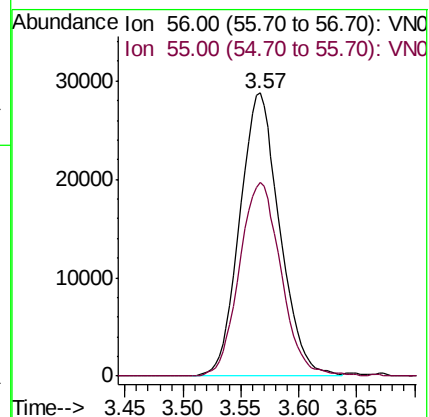
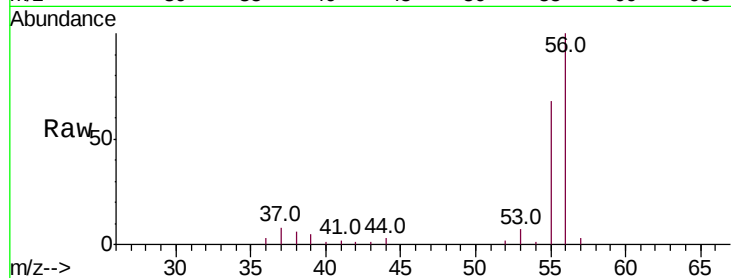
VSTDCCC050EC

Tot Ion: 56 Resp: 68765

Ion Ratio Lower Upper

56 100

55 71.5 56.5 84.7



#14

Allyl chloride

Concen: 46.069 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

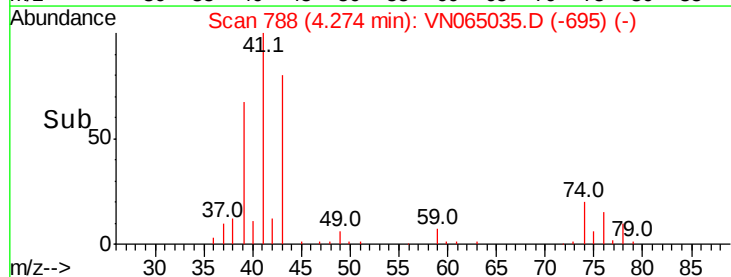
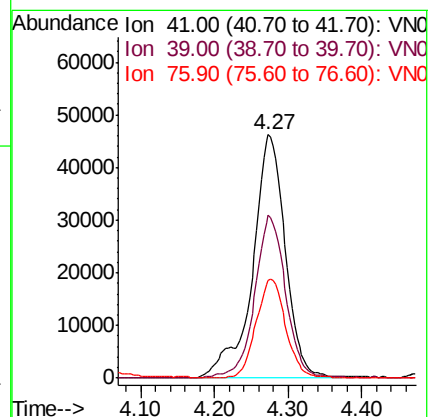
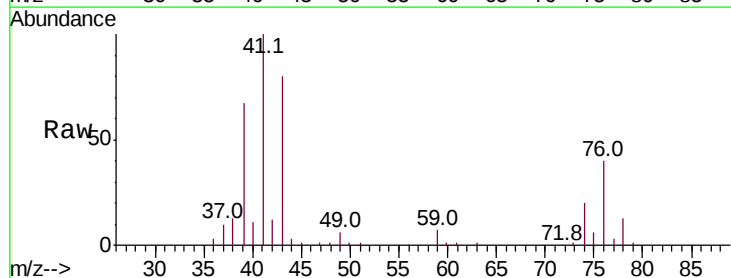
Tgt Ion: 41 Resp: 143229

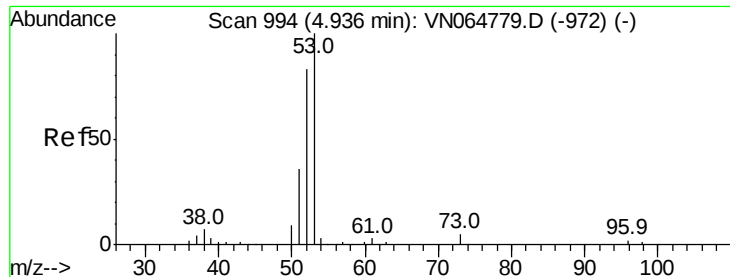
Ion Ratio Lower Upper

41 100

39 62.8 50.9 76.3

76 36.7 29.0 43.4





#15

Acrylonitrile

Concen: 249.129 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

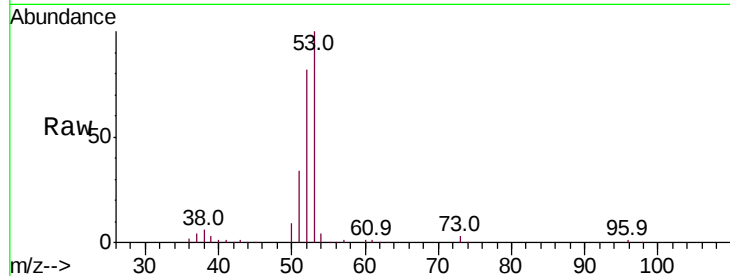
Tot Ion: 53 Resp: 242555

Ion Ratio Lower Upper

53 100

52 81.4 65.5 98.3

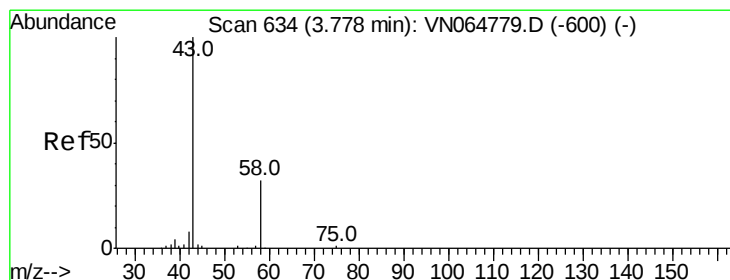
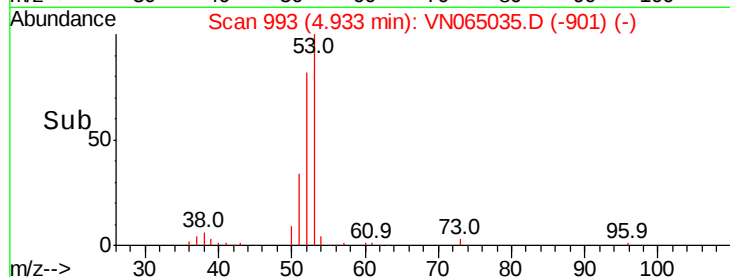
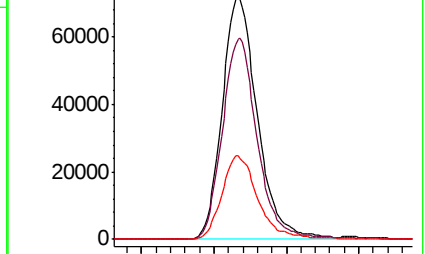
51 35.4 28.6 43.0



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: 246.224 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN065035.D

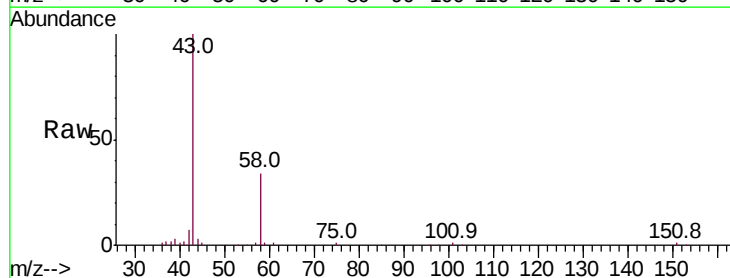
Acq: 9 Dec 2020 21:03

Tgt Ion: 43 Resp: 182917

Ion Ratio Lower Upper

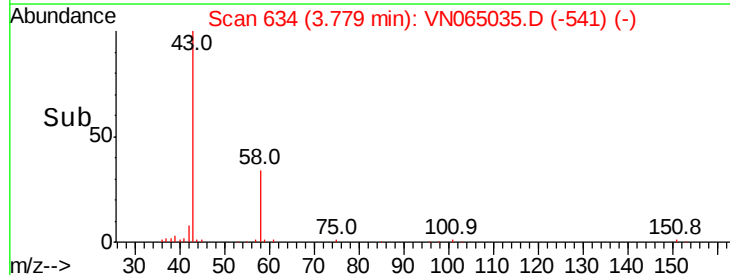
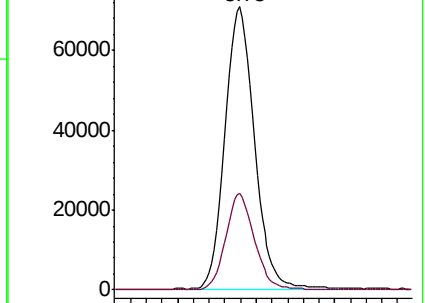
43 100

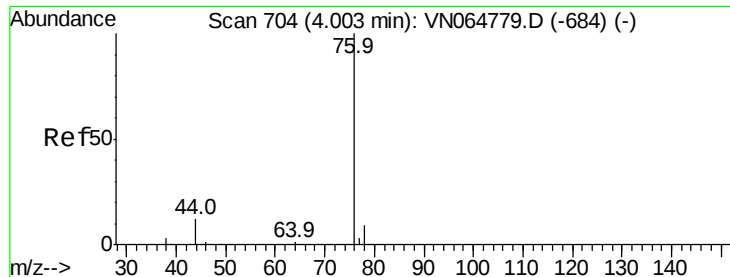
58 34.2 25.7 38.5



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

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

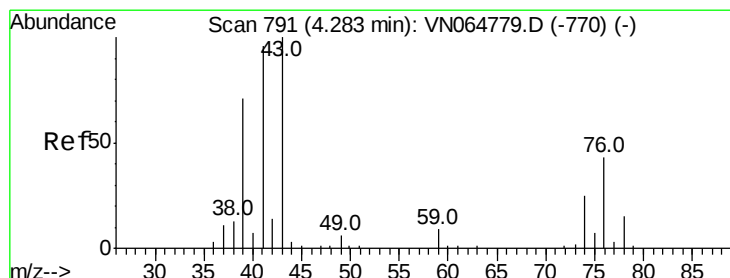
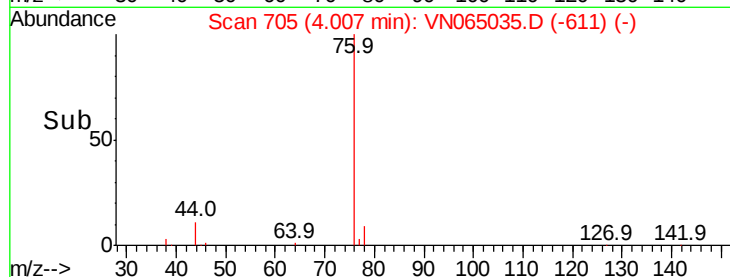
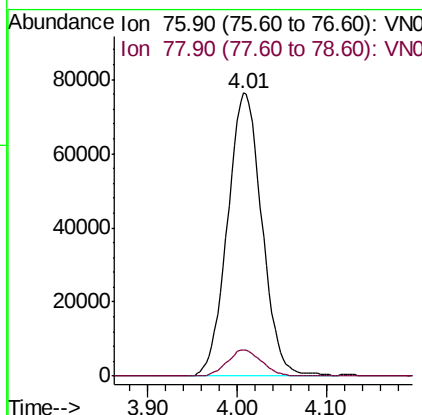
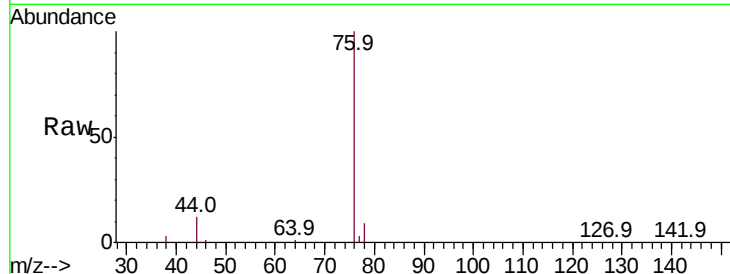




#17
Carbon Disulfide
Concen: 41.913 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

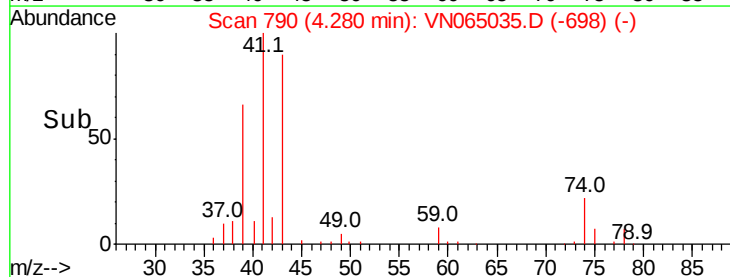
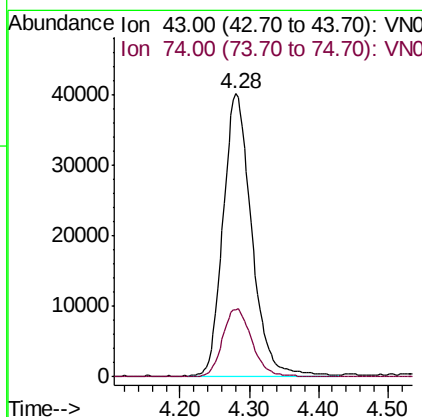
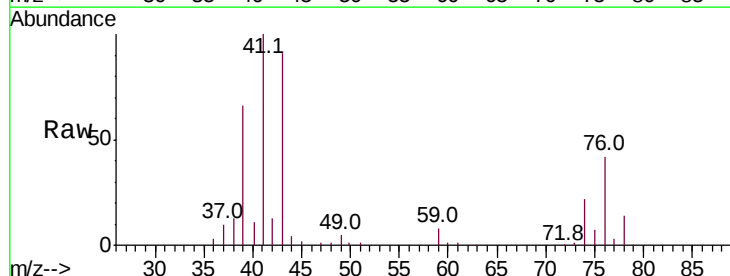
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

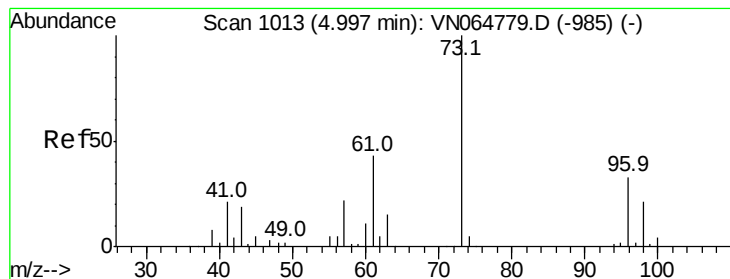
Tot Ion: 76 Resp: 203987
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 52.217 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 43 Resp: 116629
Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.2



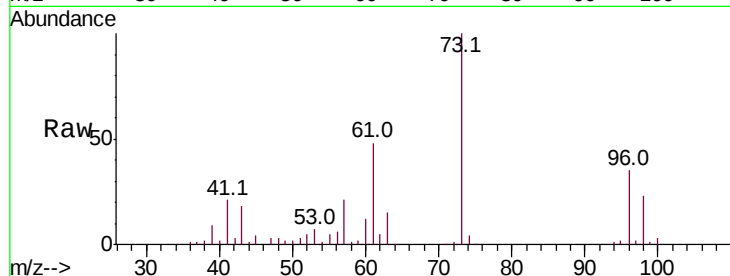


#19

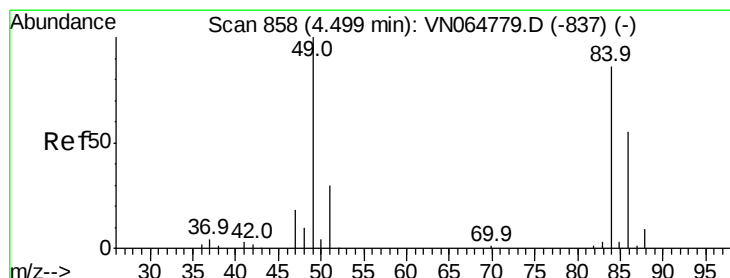
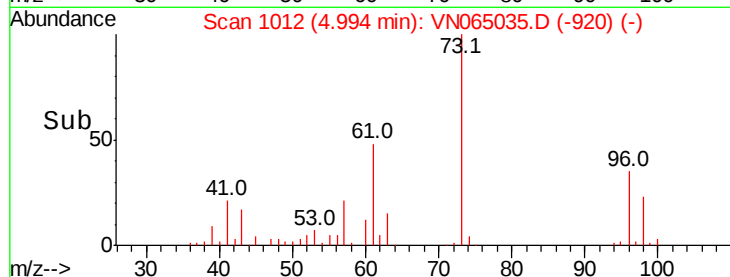
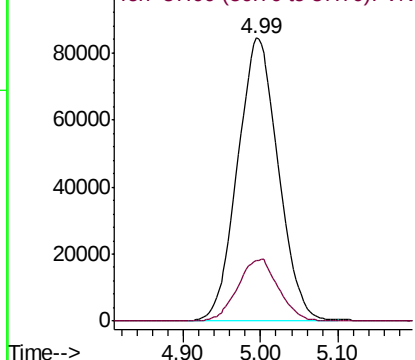
Methyl tert-butyl Ether
 Concen: 51.152 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 309240
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.4 26.0



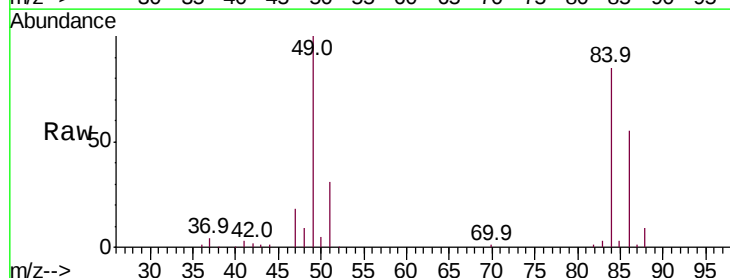
Abundance Ion 73.00 (72.70 to 73.70): VN064779.D (-985) (-)
 Ion 57.00 (56.70 to 57.70): VN064779.D (-985) (-)



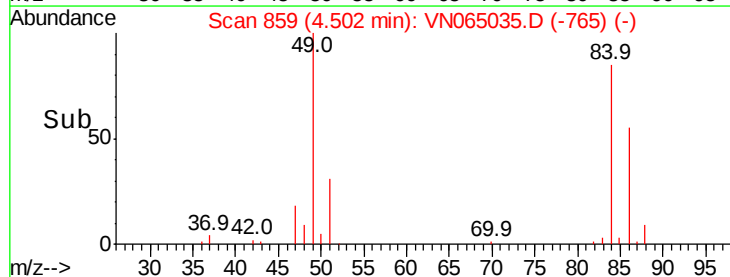
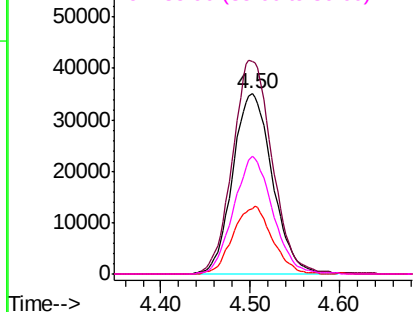
#20

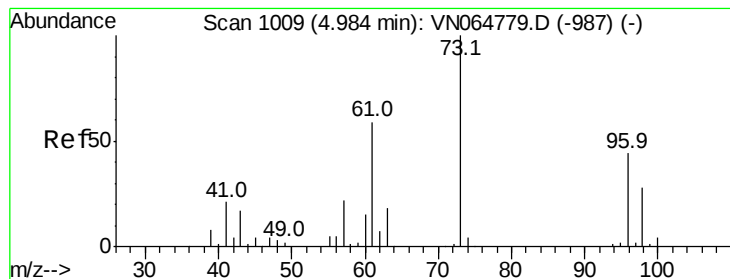
Methylene Chloride
 Concen: 46.635 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion: 84 Resp: 108560
 Ion Ratio Lower Upper
 84 100
 49 118.0 93.4 140.0
 51 36.3 28.2 42.4
 86 65.0 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VN064779.D (-837) (-)
 Ion 48.90 (48.60 to 49.60): VN064779.D (-837) (-)
 Ion 50.90 (50.60 to 51.60): VN065035.D (-765) (-)
 Ion 85.90 (85.60 to 86.60): VN065035.D (-765) (-)



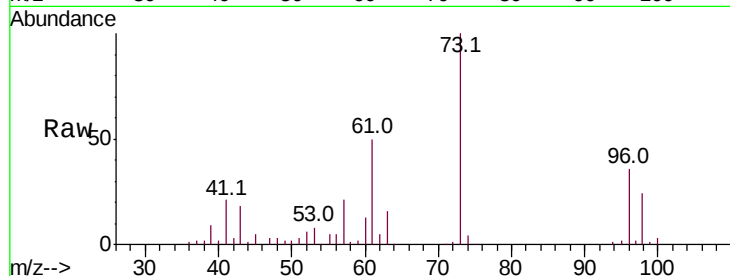


#21

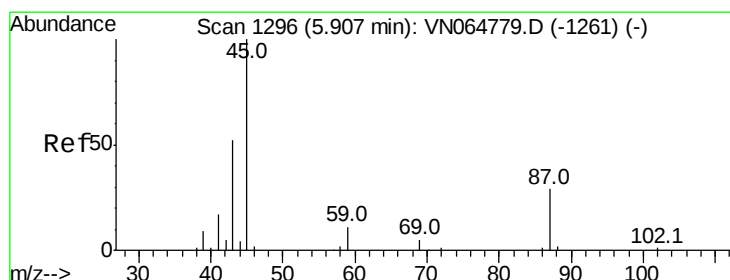
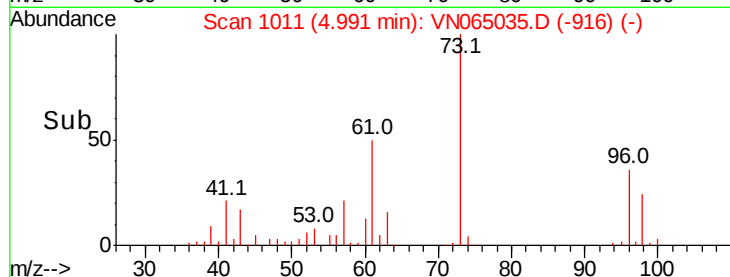
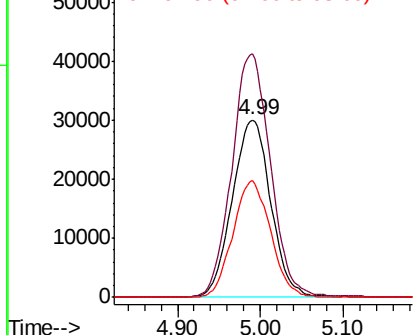
trans-1,2-Dichloroethene
Concen: 46.254 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 96822
Ion Ratio Lower Upper
96 100
61 137.2 108.4 162.6
98 65.5 51.3 76.9



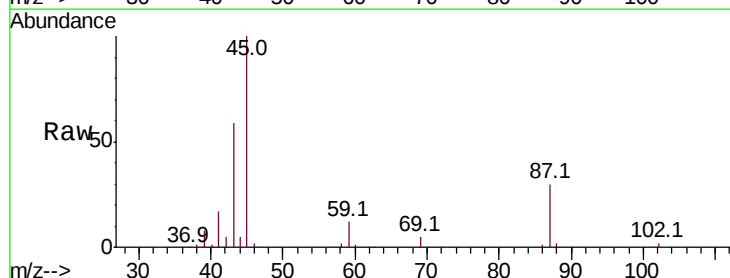
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



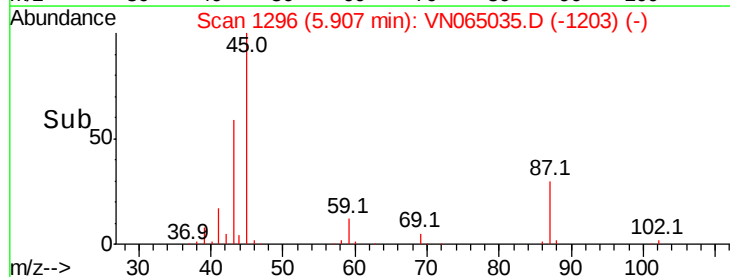
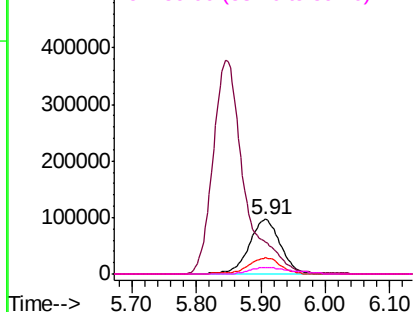
#22

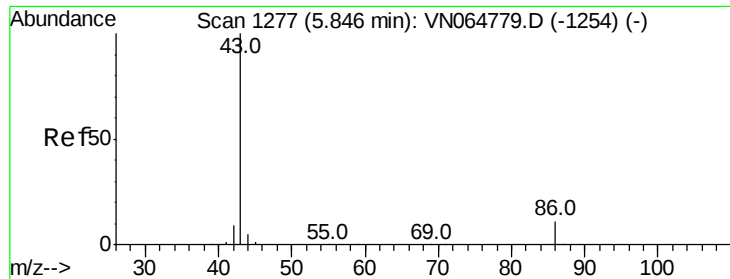
Diisopropyl ether
Concen: 52.411 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 45 Resp: 326147
Ion Ratio Lower Upper
45 100
43 57.4 46.2 69.2
87 29.7 24.1 36.1
59 11.9 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

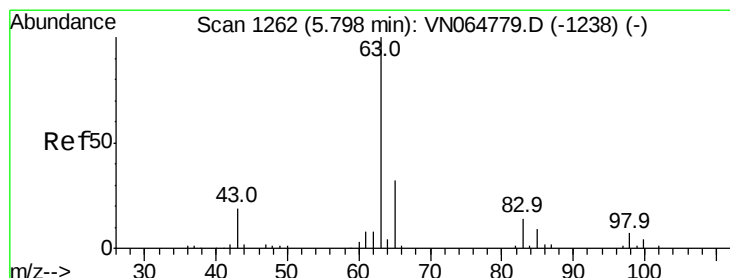
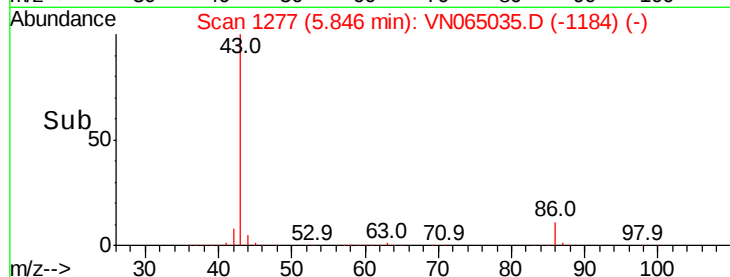
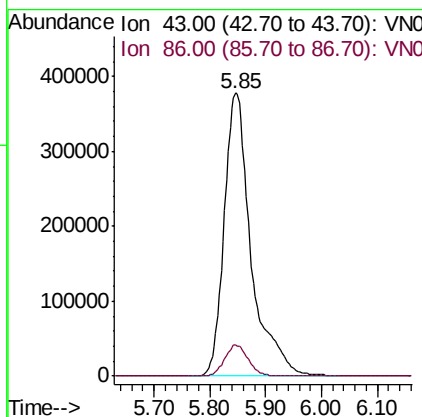
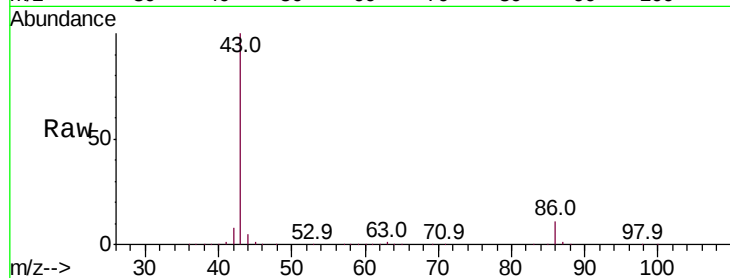




#23
 Vinyl Acetate
 Concen: 255.683 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

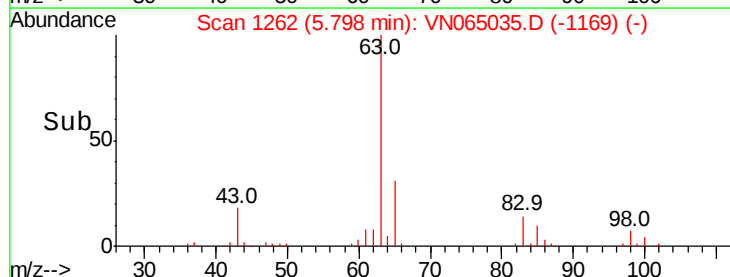
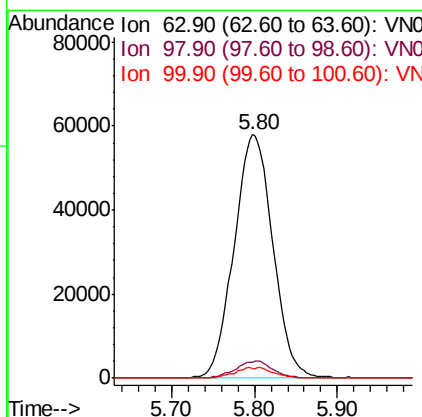
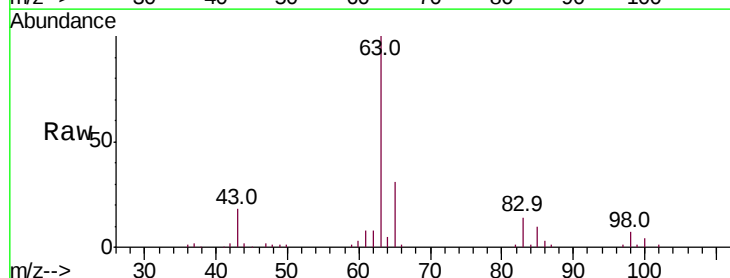
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

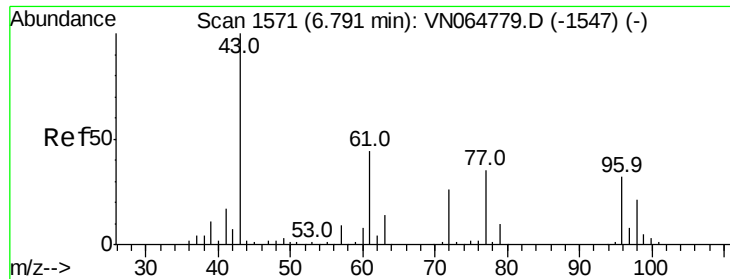
Tot Ion: 43 Resp: 1272347
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 50.541 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion: 63 Resp: 187962
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.1 2.3 6.8





#25

2-Butanone

Concen: 245.440 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

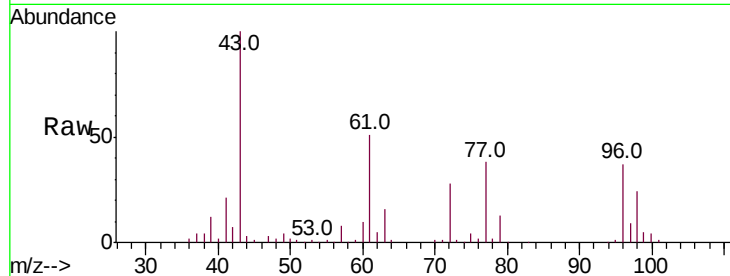
VSTDCCC050EC

Tot Ion: 43 Resp: 295574

Ion Ratio Lower Upper

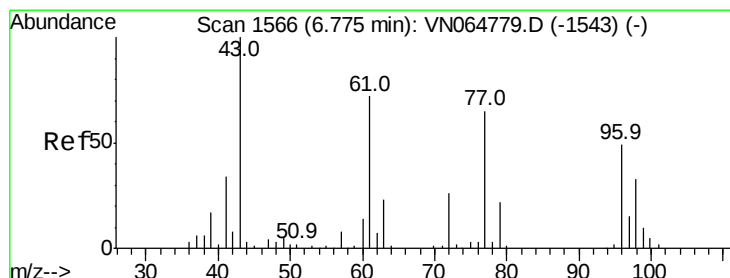
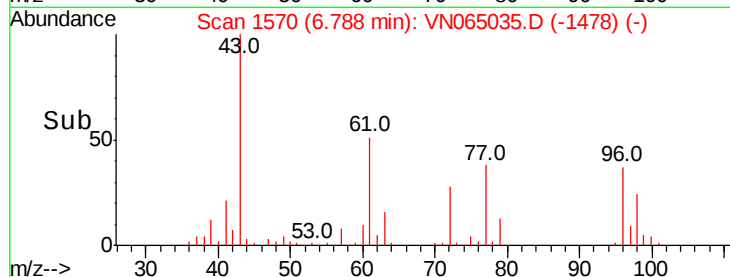
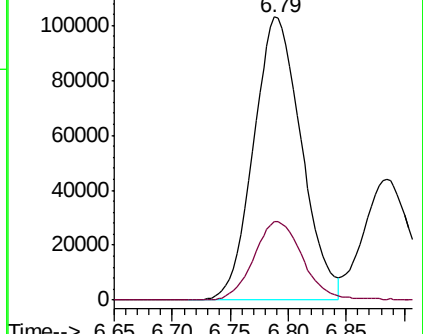
43 100

72 27.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN064779.D (-1547) (-)



#26

2,2-Dichloropropane

Concen: 44.575 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN065035.D

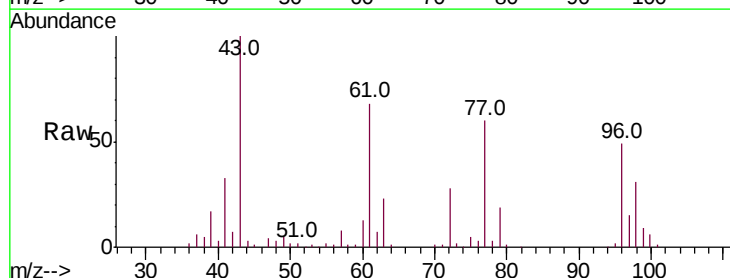
Acq: 9 Dec 2020 21:03

Tgt Ion: 77 Resp: 143776

Ion Ratio Lower Upper

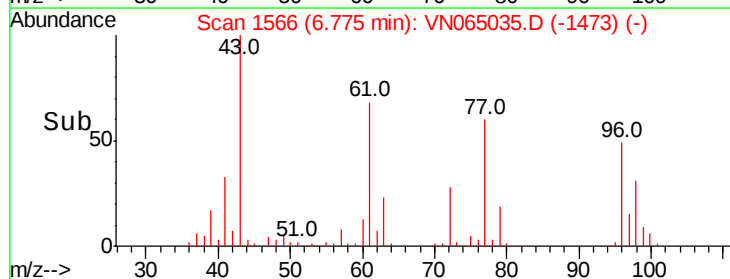
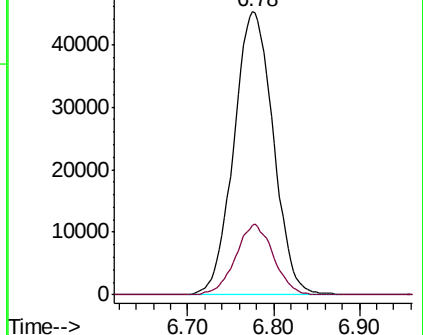
77 100

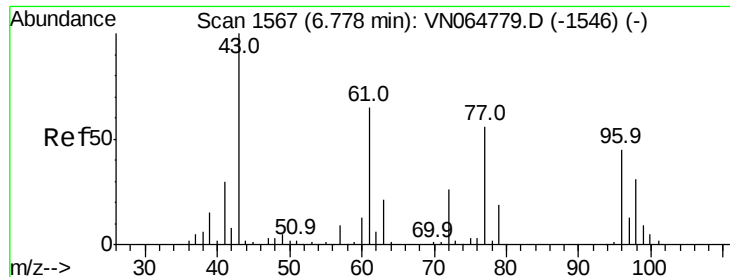
97 24.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN064779.D (-1543) (-)

Ion 96.90 (96.60 to 97.60): VN064779.D (-1543) (-)





#27

cis-1,2-Dichloroethene

Concen: 49.668 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

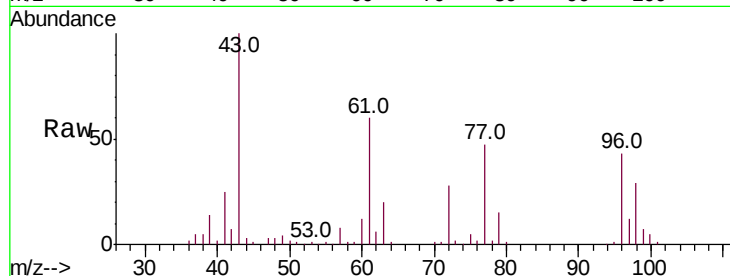
Tot Ion: 96 Resp: 116991

Ion Ratio Lower Upper

96 100

61 138.8 0.0 285.8

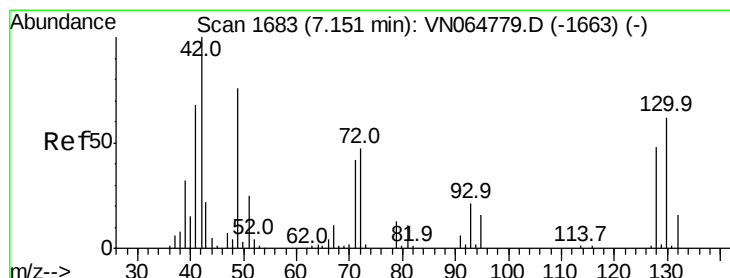
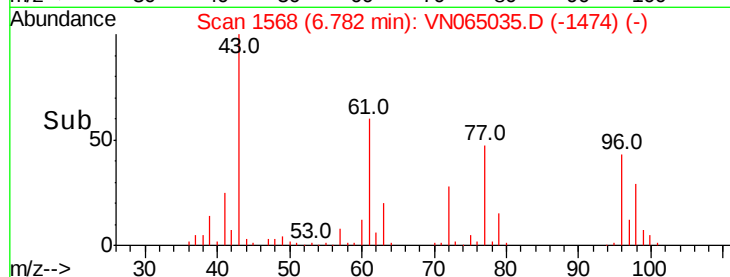
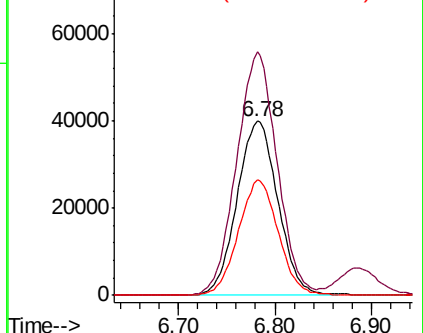
98 64.8 0.0 130.6



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

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

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



#28

Bromochloromethane

Concen: 48.933 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

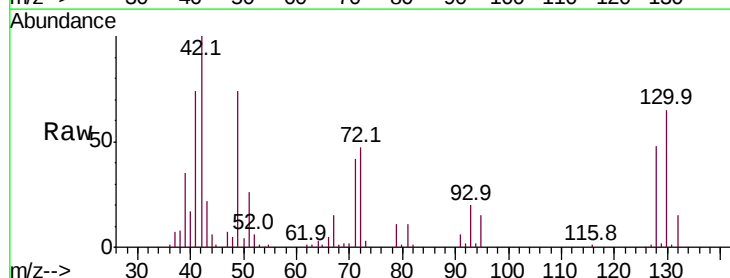
Tgt Ion: 49 Resp: 83252

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

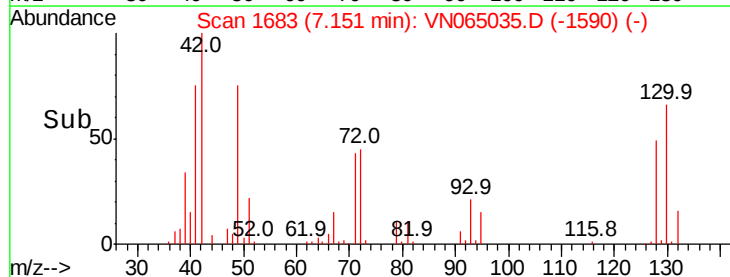
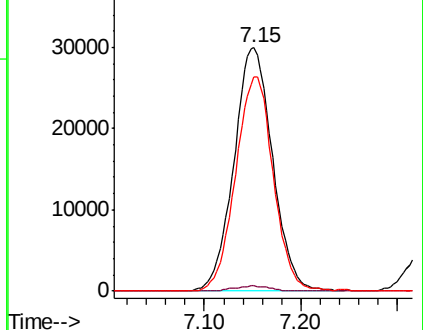
130 85.7 66.2 99.2

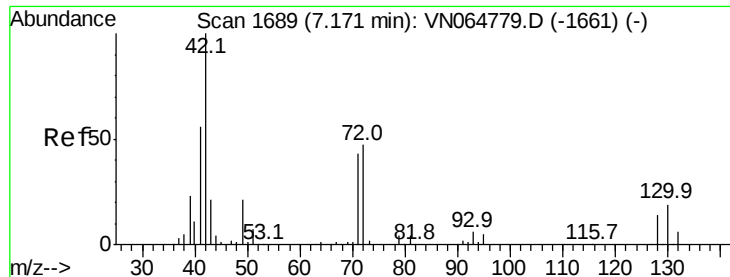


Abundance Ion 48.90 (48.60 to 49.60): VN064779.D (-1663) (-)

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

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





#29

Tetrahydrofuran

Concen: 238.881 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

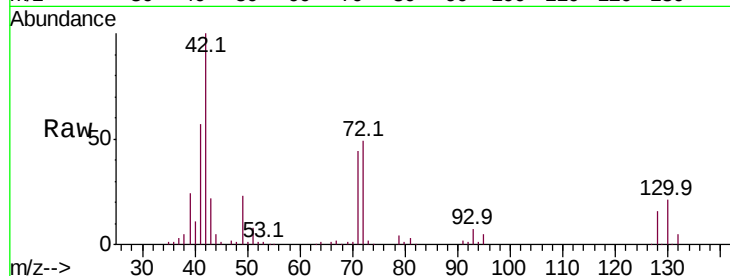
Tot Ion: 42 Resp: 198580

Ion Ratio Lower Upper

42 100

72 46.4 36.6 54.8

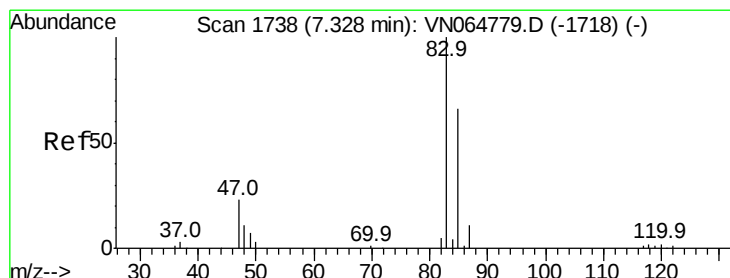
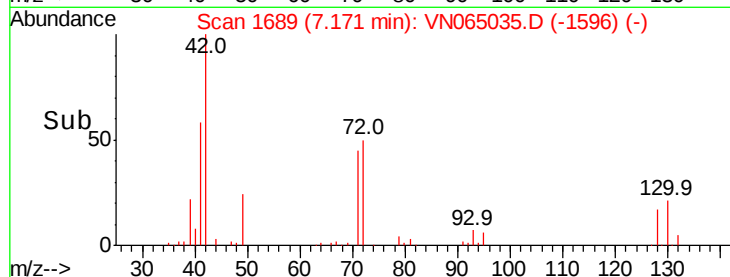
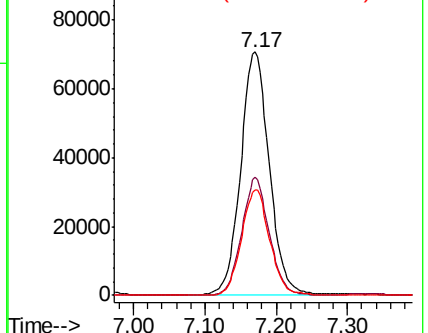
71 42.6 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VN064779.D (-1661) (-)

Ion 72.00 (71.70 to 72.70): VN064779.D (-1661) (-)

Ion 71.00 (70.70 to 71.70): VN064779.D (-1661) (-)



#30

Chloroform

Concen: 51.149 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN065035.D

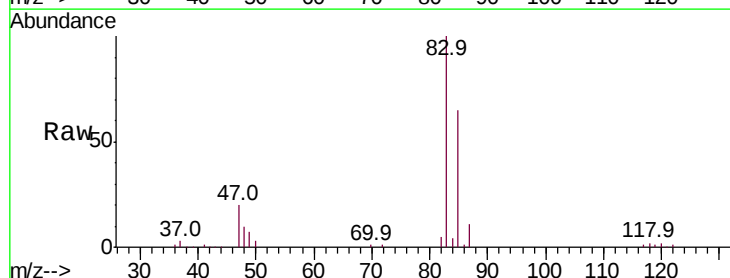
Acq: 9 Dec 2020 21:03

Tgt Ion: 83 Resp: 196164

Ion Ratio Lower Upper

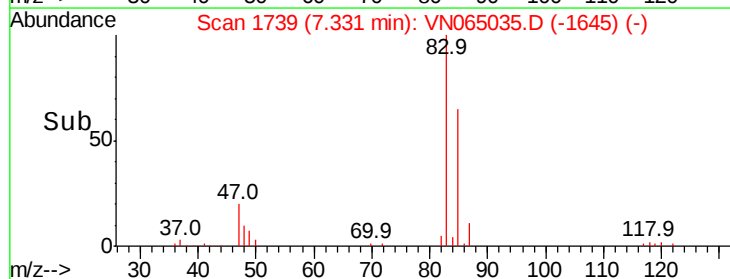
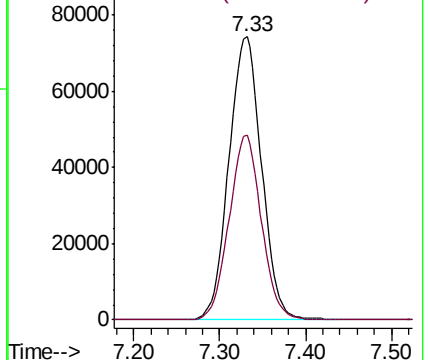
83 100

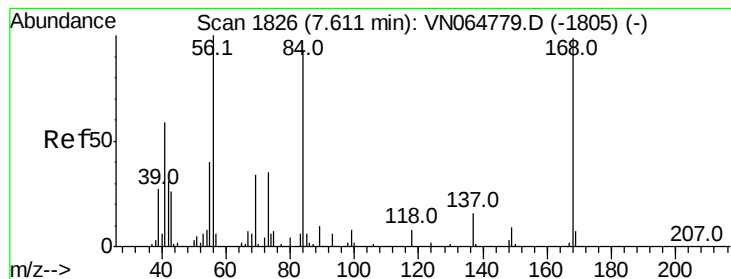
85 65.3 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-1718) (-)





#31

Cyclohexane

Concen: 43.701 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

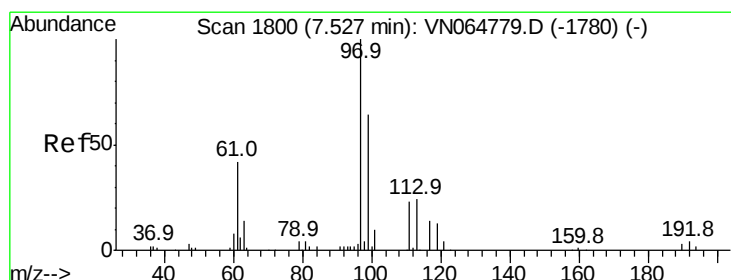
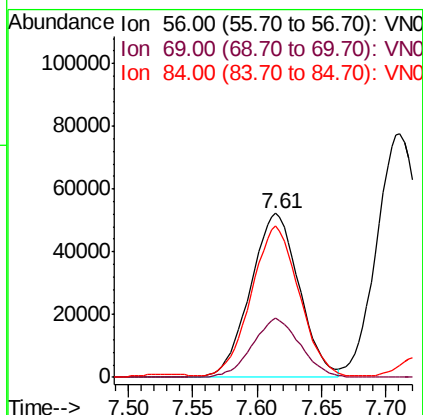
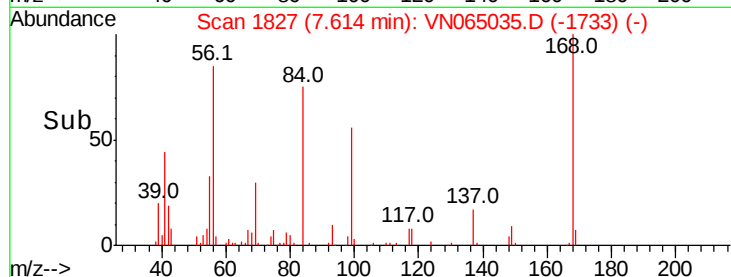
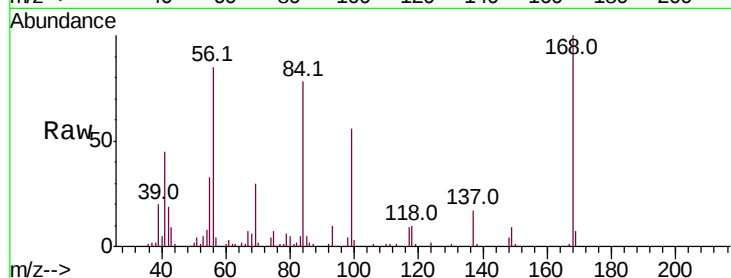
Tot Ion: 56 Resp: 137647

Ion Ratio Lower Upper

56 100

69 35.9 27.5 41.3

84 90.8 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 49.793 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

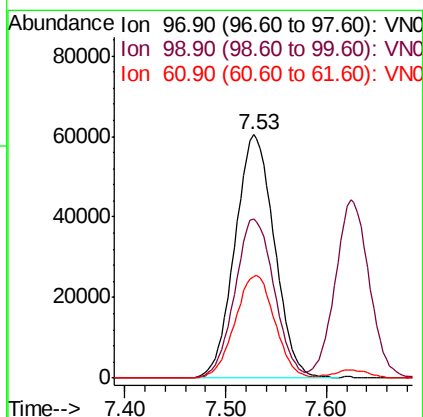
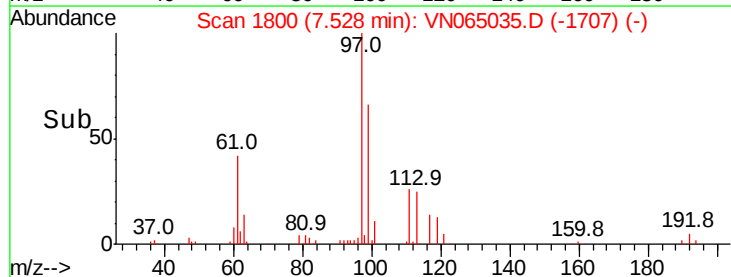
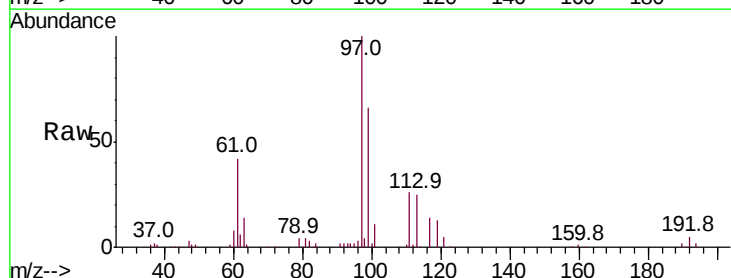
Tgt Ion: 97 Resp: 164016

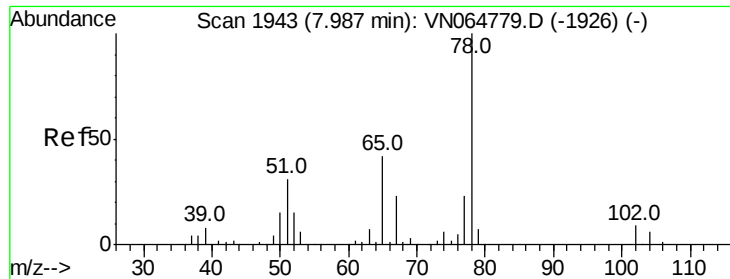
Ion Ratio Lower Upper

97 100

99 65.3 51.7 77.5

61 42.5 33.9 50.9

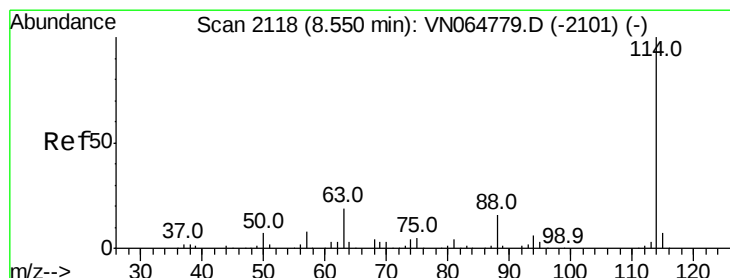
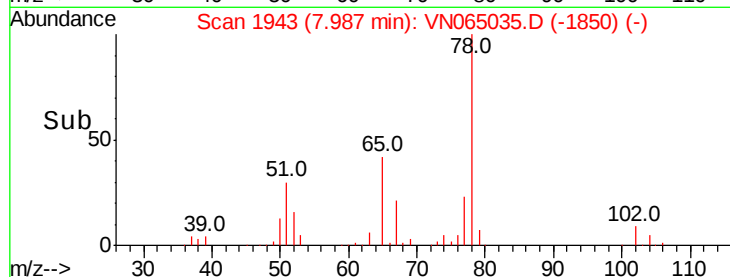
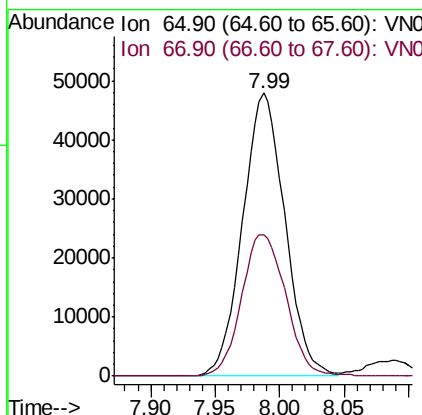
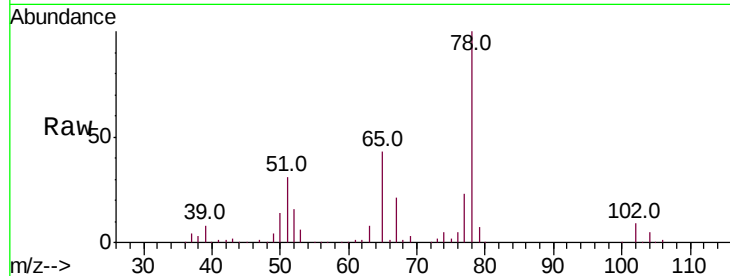




#33
 1,2-Dichloroethane-d4
 Concen: 48.451 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

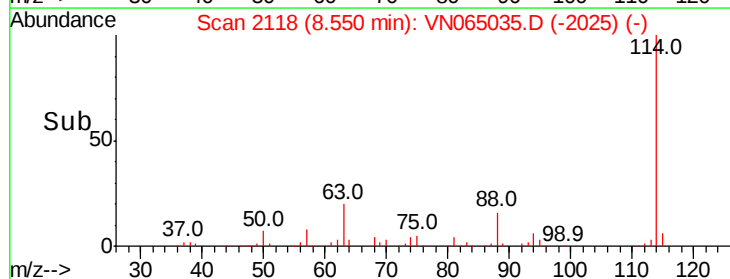
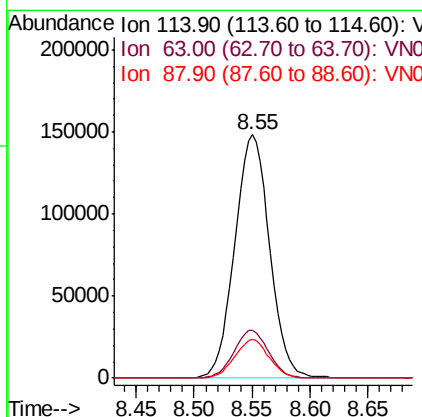
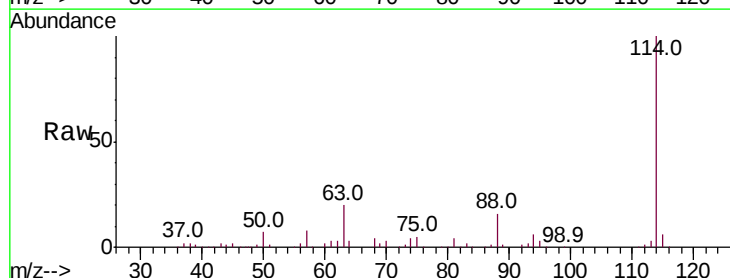
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

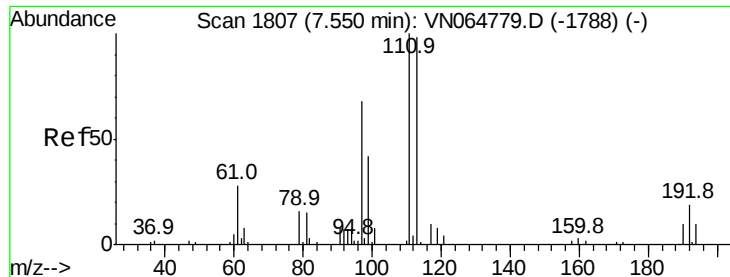
Tot Ion: 65 Resp: 109495
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion: 114 Resp: 309754
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.9 0.0 32.6

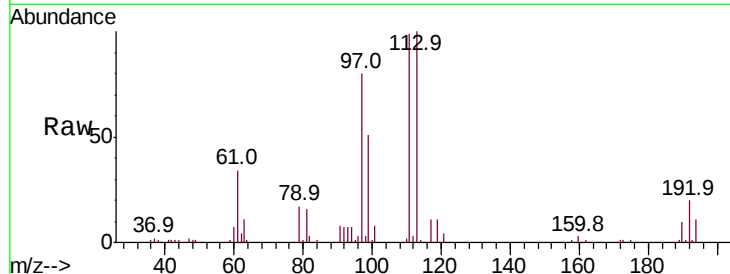




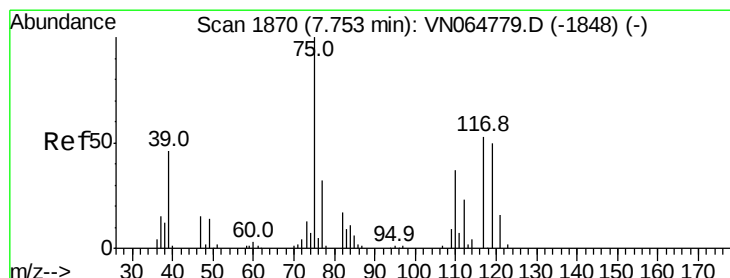
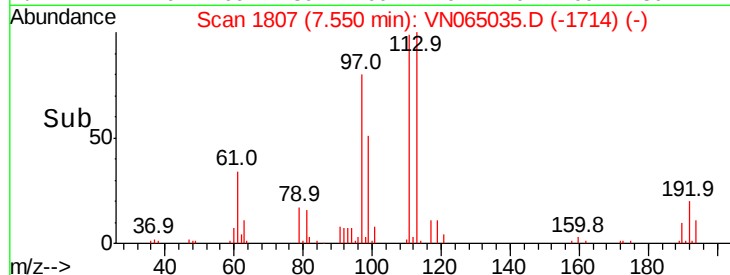
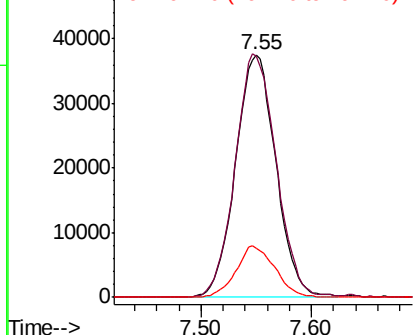
#35
 Dibromofluoromethane
 Concen: 51.342 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 95160
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.6 122.4
 192 20.3 16.2 24.2

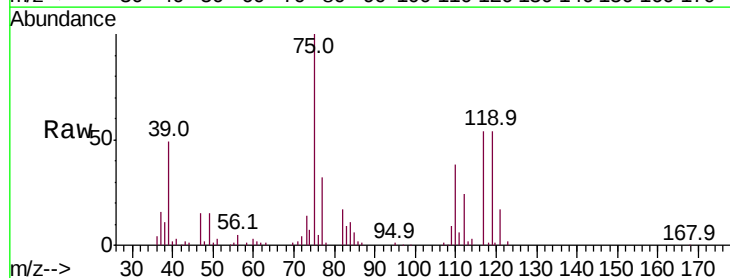


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

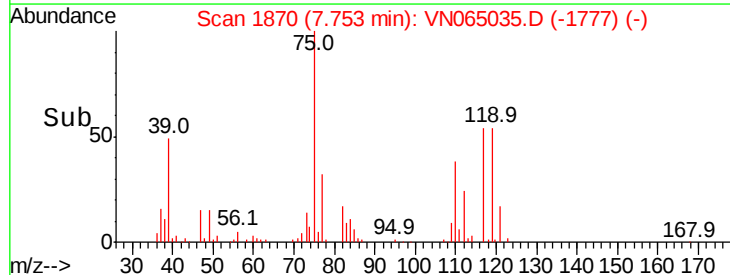
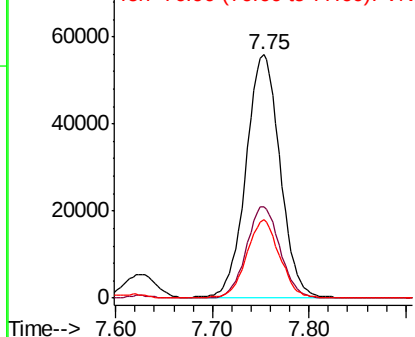


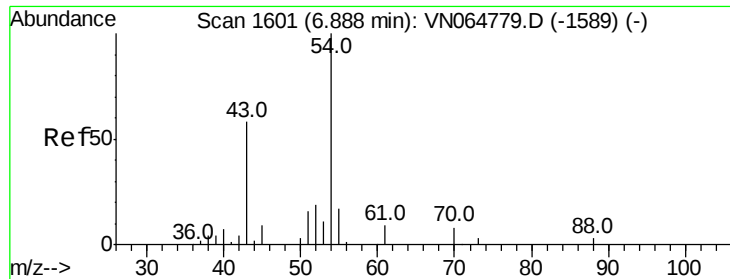
#36
 1,1-Dichloropropene
 Concen: 47.772 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion: 75 Resp: 137160
 Ion Ratio Lower Upper
 75 100
 110 36.8 17.8 53.3
 77 31.2 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

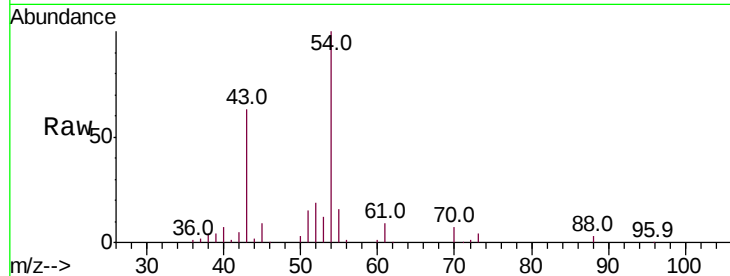




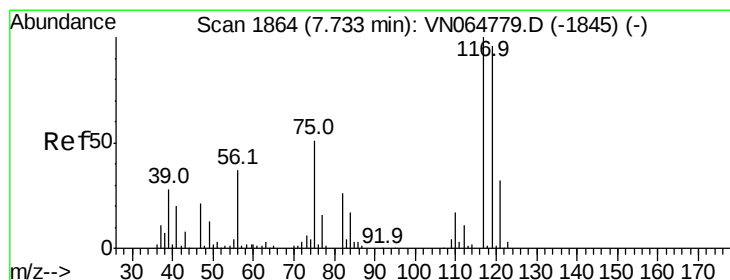
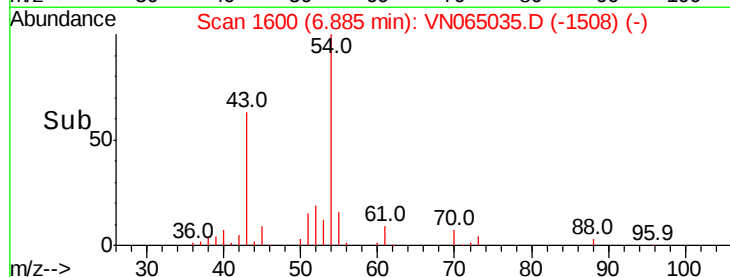
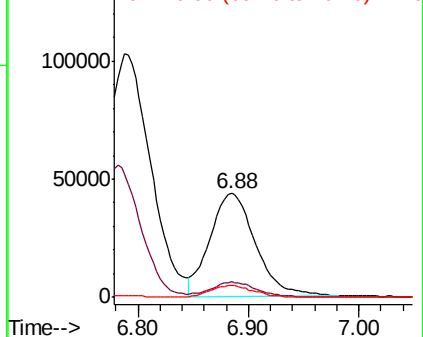
#37
Ethyl Acetate
Concen: 45.039 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 124563
Ion Ratio Lower Upper
43 100
61 15.1 12.8 19.2
70 11.0 8.8 13.2

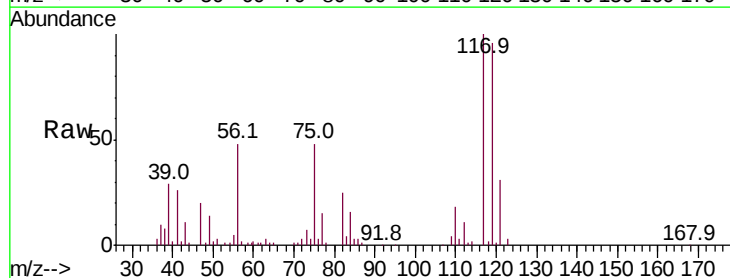


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

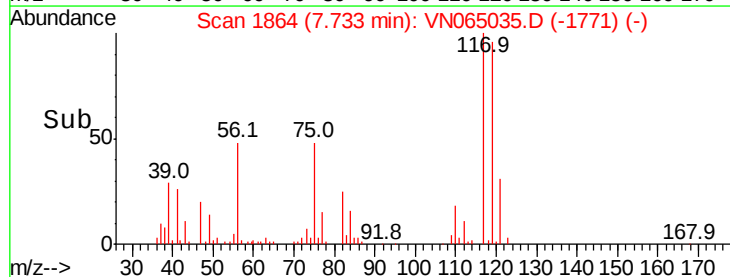
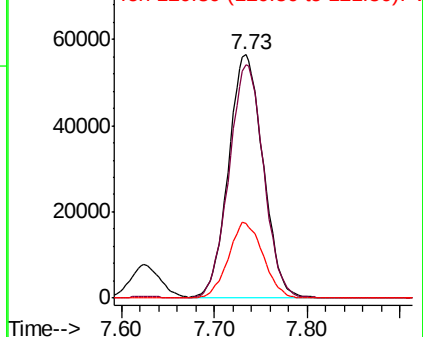


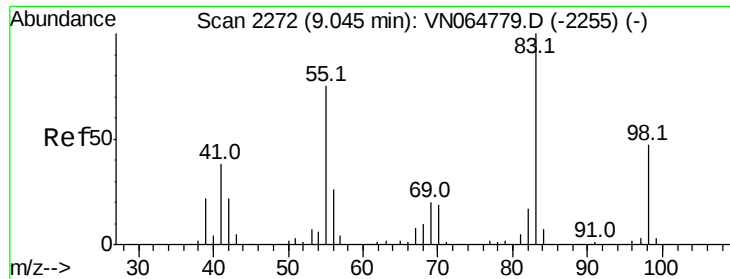
#38
Carbon Tetrachloride
Concen: 48.987 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 117 Resp: 146344
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1
121 30.5 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

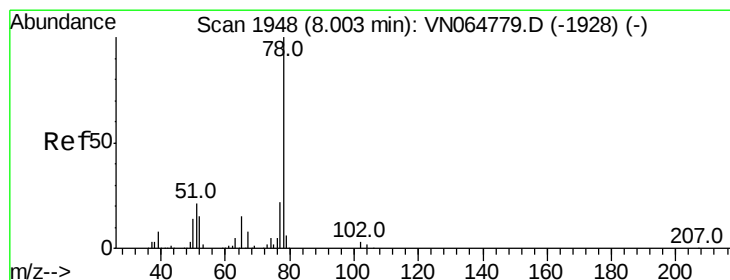
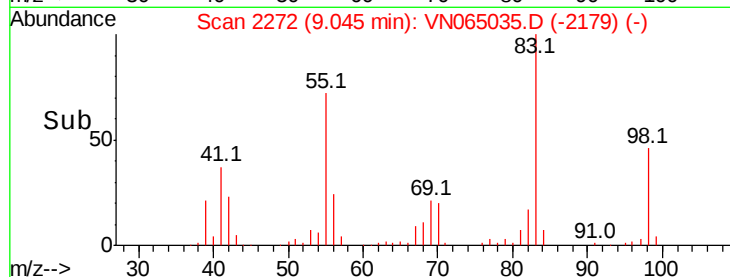
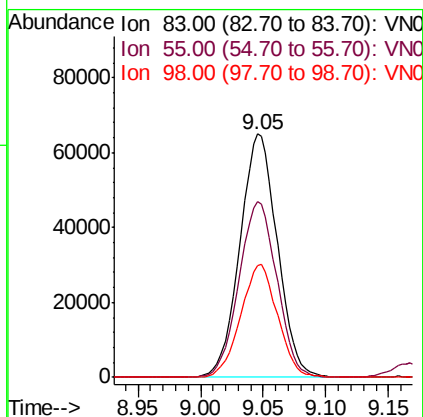
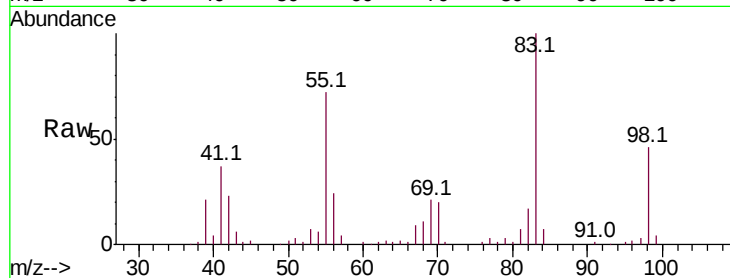




#39
Methvlcvclohexane
Concen: 43.683 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

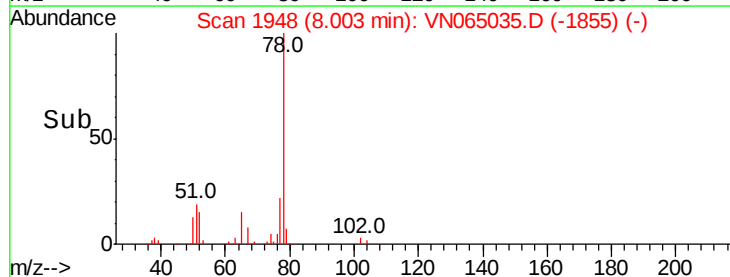
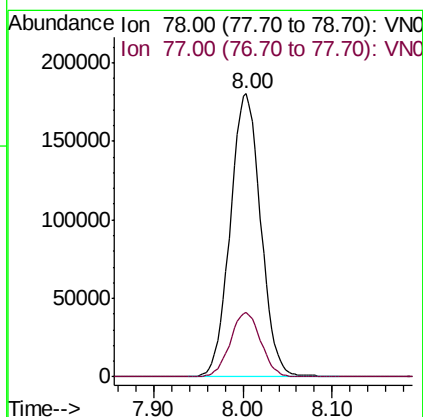
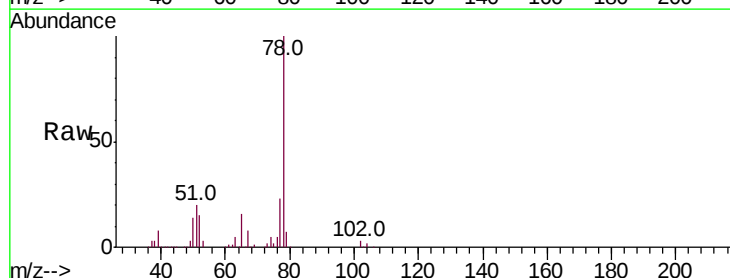
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

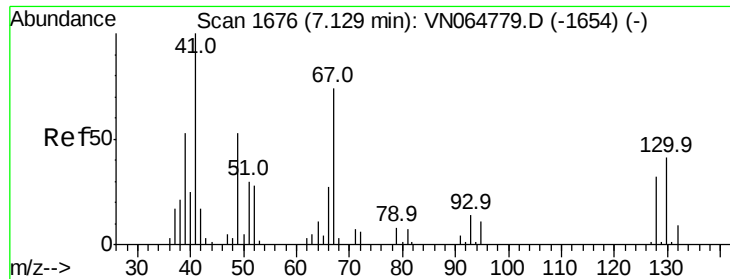
Tot Ion: 83 Resp: 135013
Ion Ratio Lower Upper
83 100
55 72.2 60.2 90.2
98 46.1 37.4 56.2



#40
Benzene
Concen: 48.622 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 78 Resp: 427779
Ion Ratio Lower Upper
78 100
77 22.6 17.9 26.9

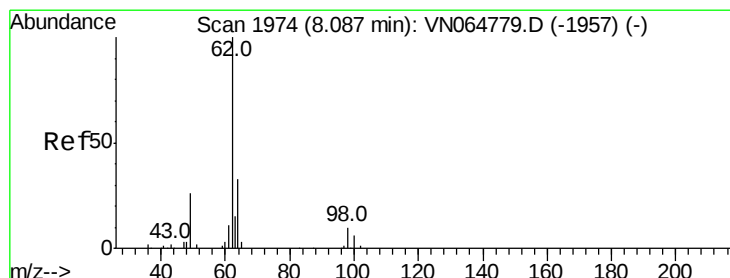
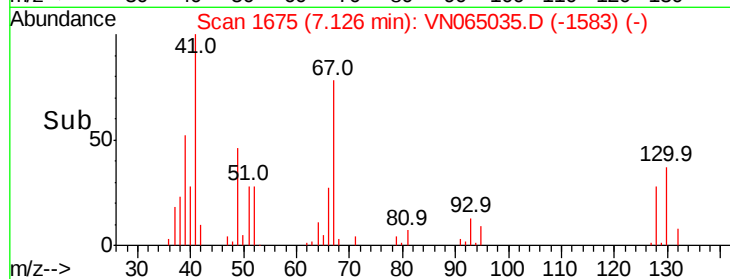
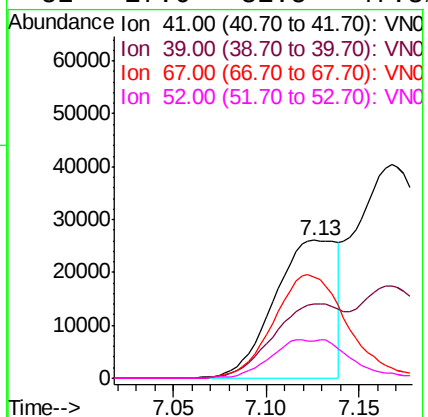
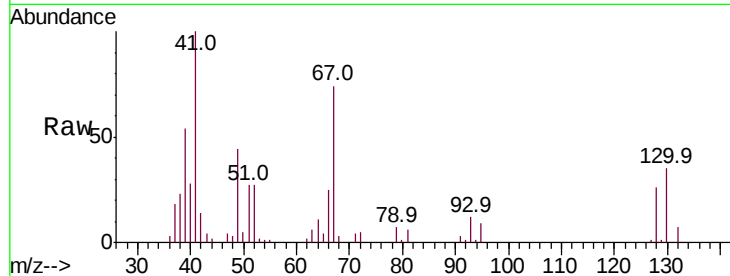




#41
Methacrylonitrile
Concen: 48.131 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

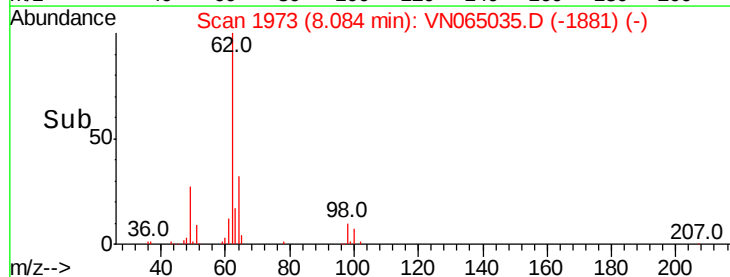
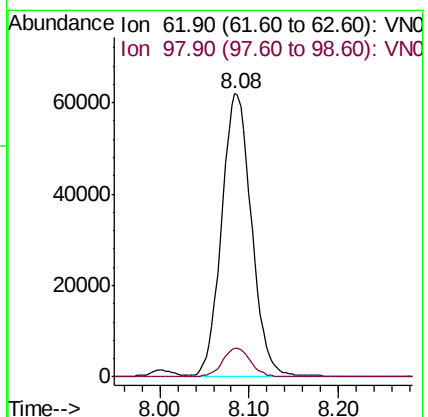
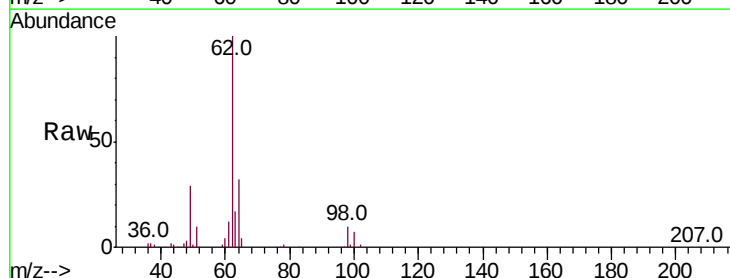
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 61421
Ion Ratio Lower Upper
41 100
39 62.0 51.0 76.6
67 88.7 79.8 119.8
52 17.6 31.5 47.3#



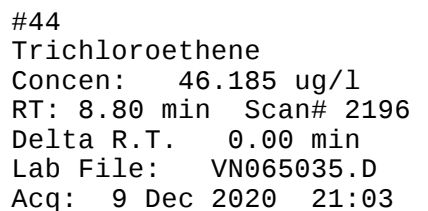
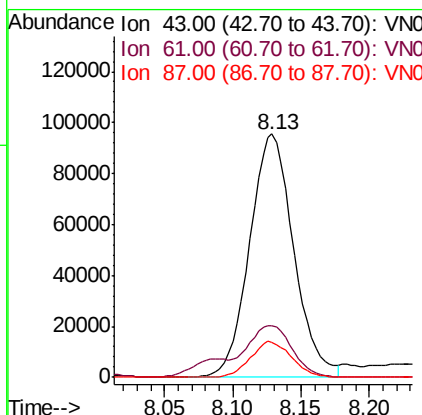
#42
1,2-Dichloroethane
Concen: 48.626 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 62 Resp: 144322
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.6

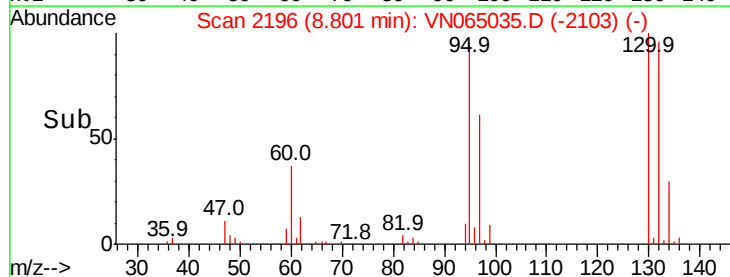
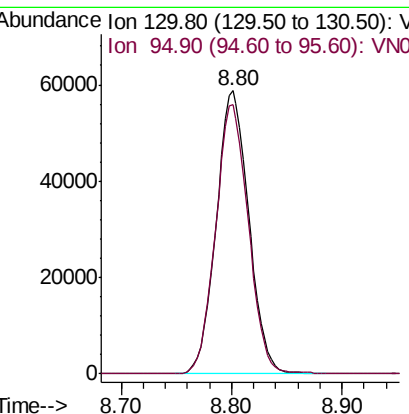
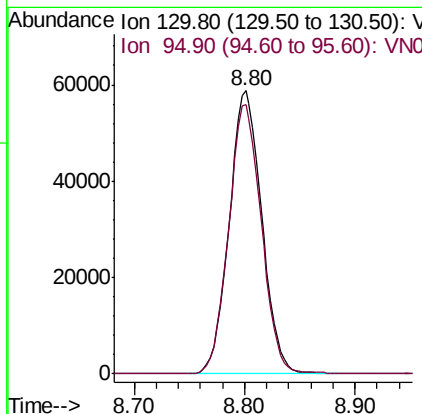


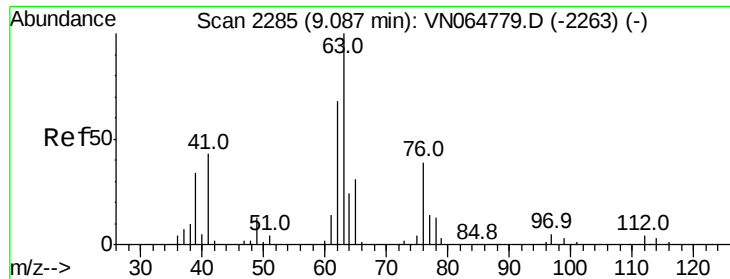


Tot	Ion: 43	Resp:	212955
Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.2	25.8
87	14.0	11.4	17.0



Tgt	Ion:130	Resp:	119891
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	197.8

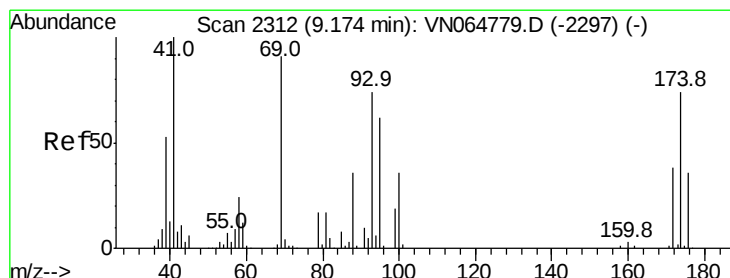
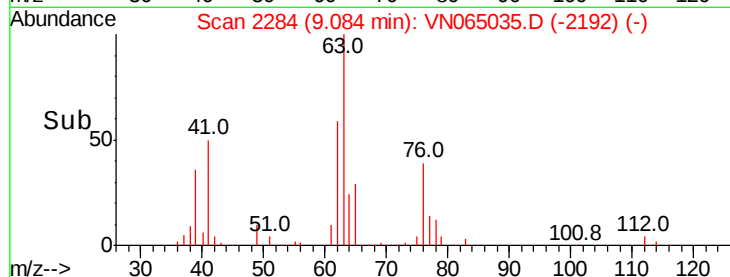
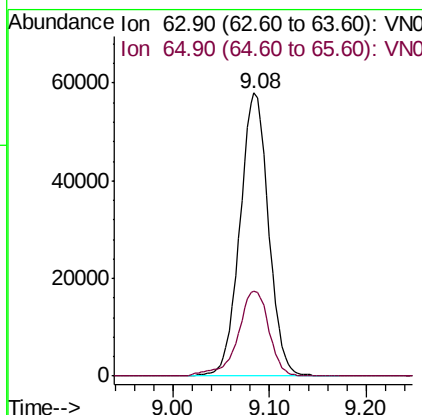
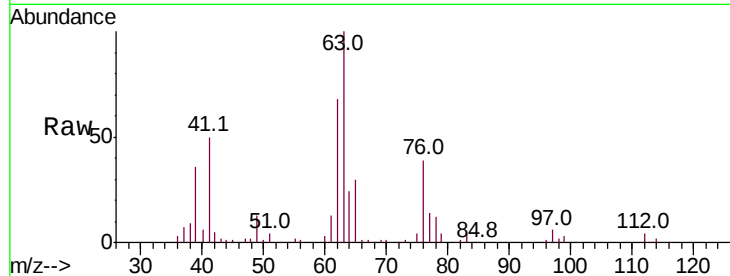




#45
 1,2-Dichloropropane
 Concen: 52.352 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

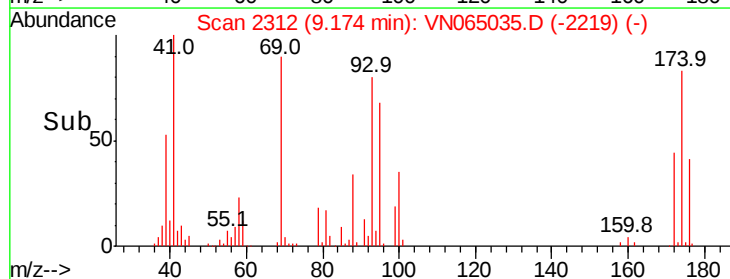
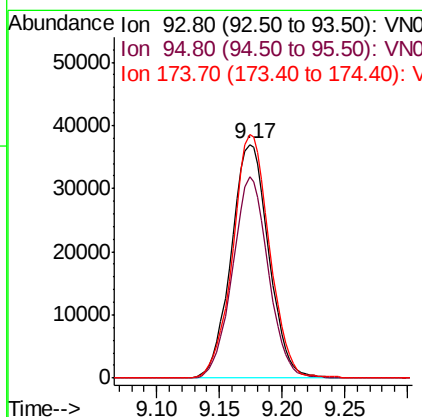
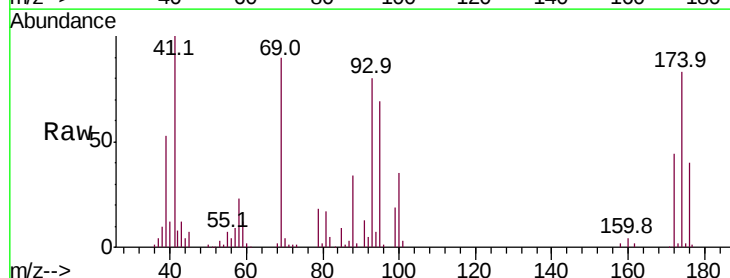
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

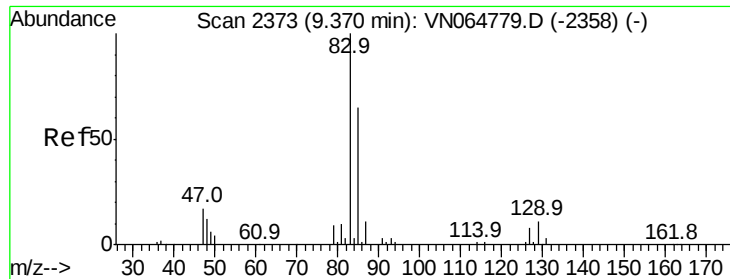
Tot Ion: 63 Resp: 119279
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.4



#46
 Dibromomethane
 Concen: 50.530 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion: 93 Resp: 76914
 Ion Ratio Lower Upper
 93 100
 95 82.1 68.8 103.2
 174 102.1 83.1 124.7





#47

Bromodichloromethane

Concen: 50.781 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

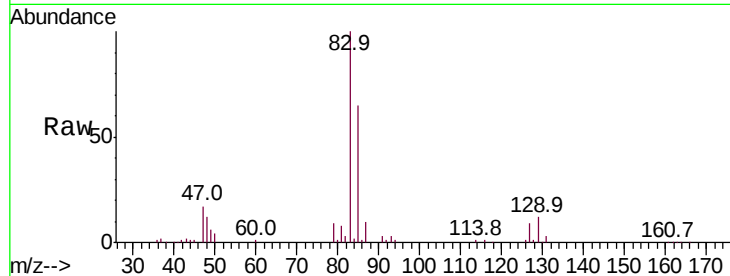
Tot Ion: 83 Resp: 15528

Ion Ratio Lower Upper

83 100

85 65.1 51.8 77.8

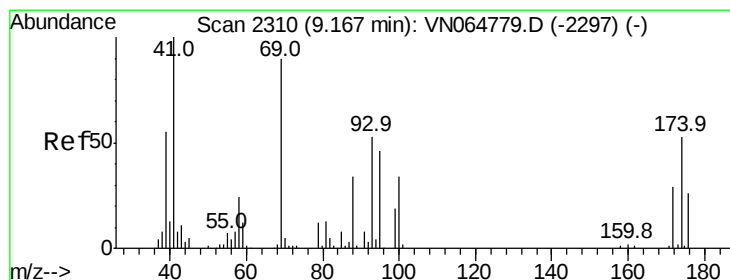
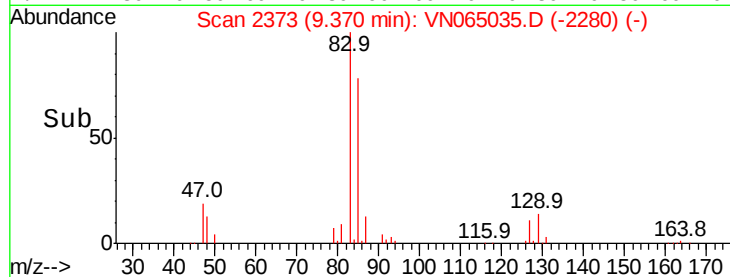
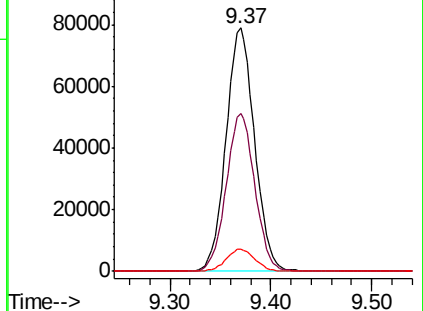
127 9.1 6.8 10.2



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: 50.008 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

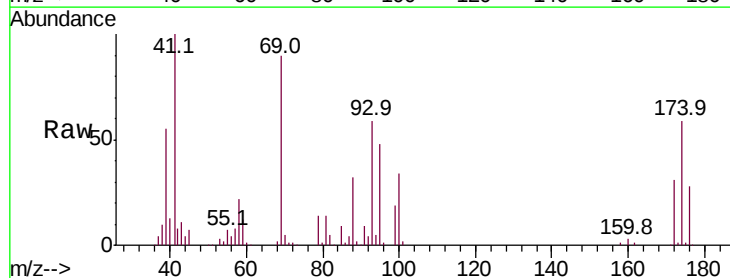
Tgt Ion: 41 Resp: 106341

Ion Ratio Lower Upper

41 100

69 90.4 71.8 107.8

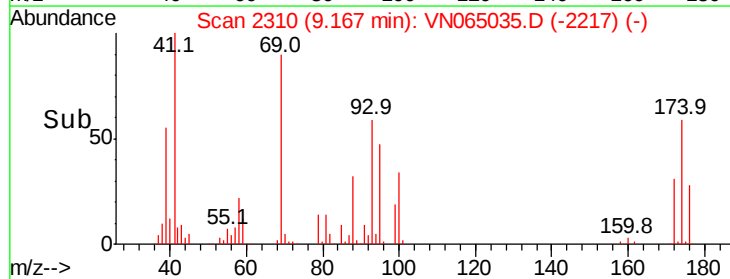
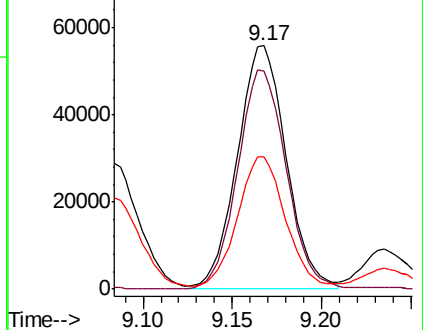
39 53.6 44.1 66.1

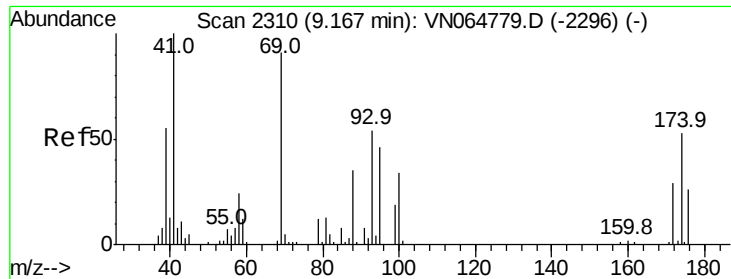


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

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

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





#49

1,4-Dioxane

Concen: 902.808 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

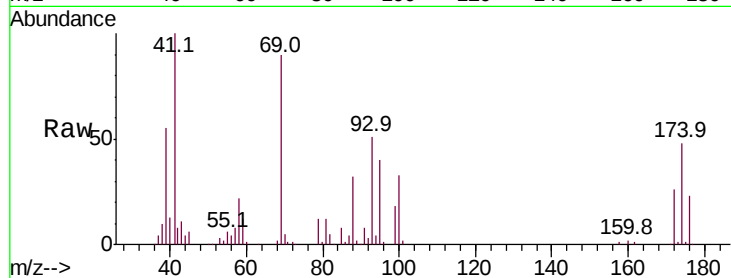
Tot Ion: 88 Resp: 36285

Ion Ratio Lower Upper

88 100

43 31.3 24.2 36.4

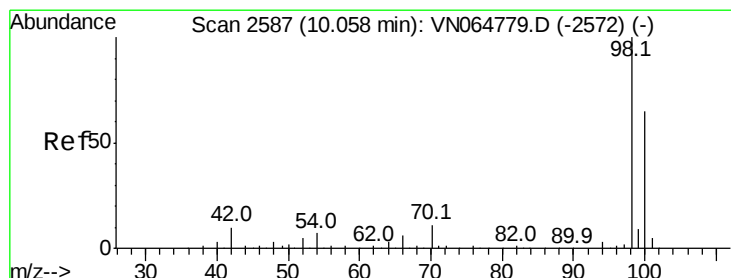
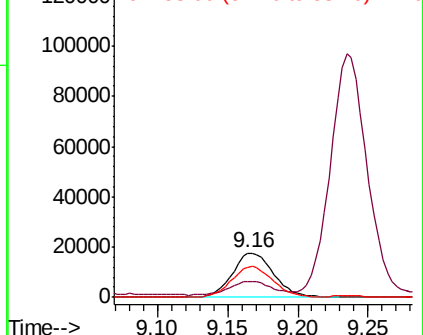
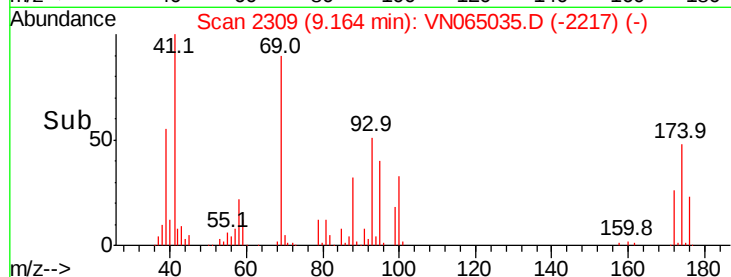
58 69.3 52.5 78.7



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: 48.432 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065035.D

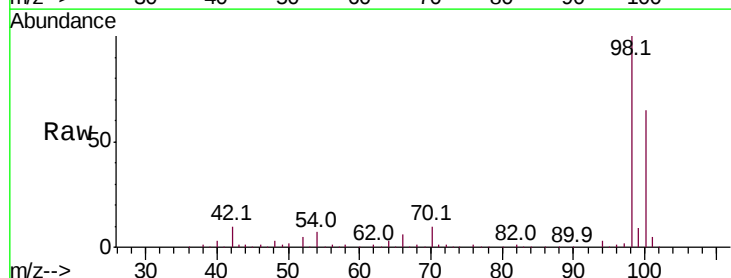
Acq: 9 Dec 2020 21:03

Tgt Ion: 98 Resp: 366782

Ion Ratio Lower Upper

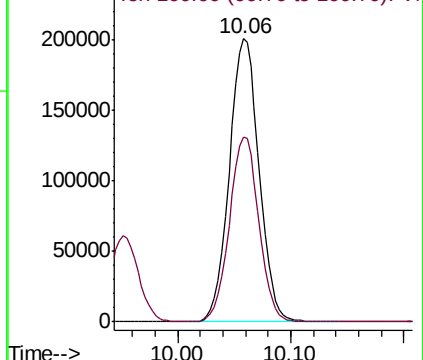
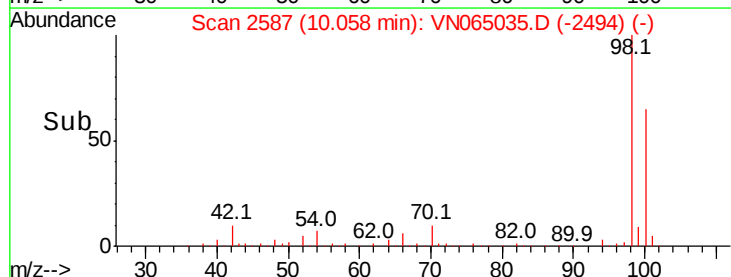
98 100

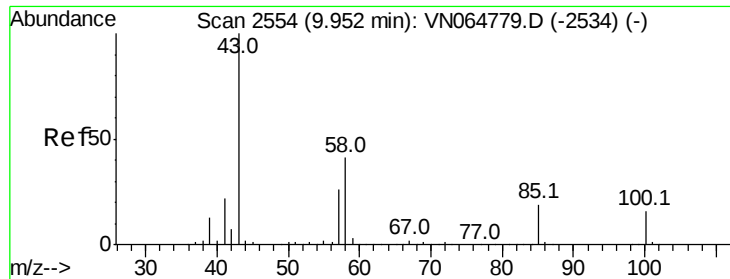
100 64.5 51.7 77.5



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: 247.738 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

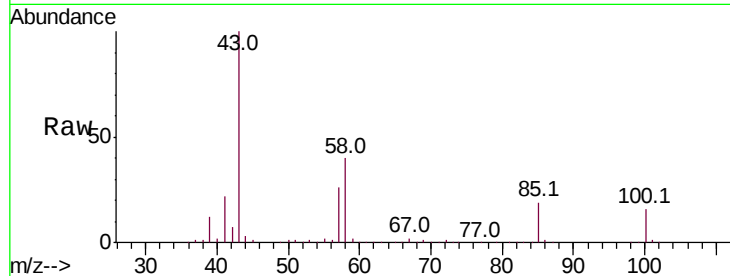
VSTDCCC050EC

Tot Ion: 43 Resp: 661882

Ion Ratio Lower Upper

43 100

58 40.0 32.4 48.6



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

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

9.95

400000

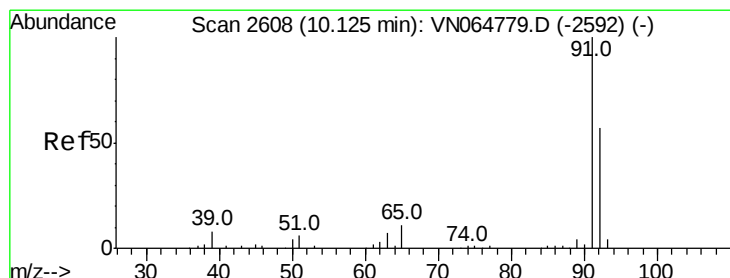
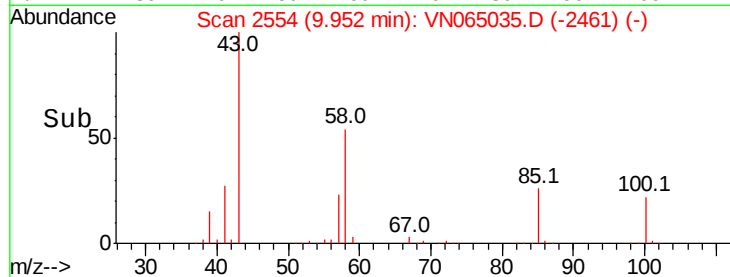
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.783 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN065035.D

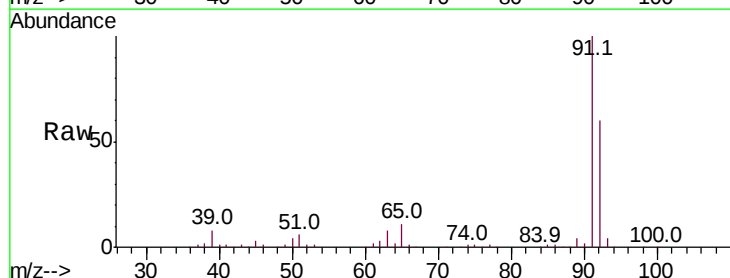
Acq: 9 Dec 2020 21:03

Tgt Ion: 92 Resp: 275152

Ion Ratio Lower Upper

92 100

91 171.6 139.1 208.7



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

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

10.12

300000

250000

200000

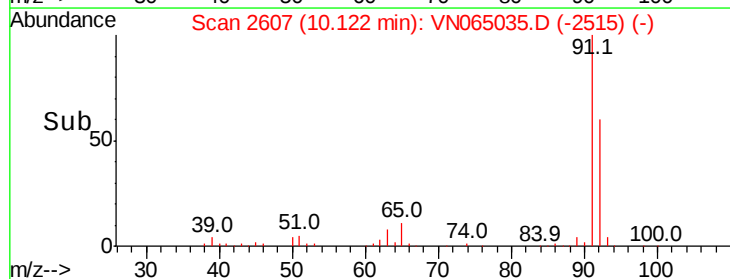
150000

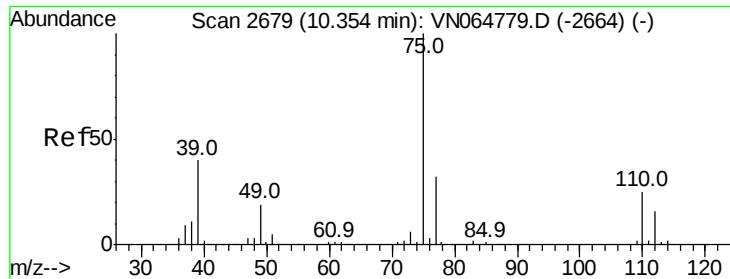
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.143 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

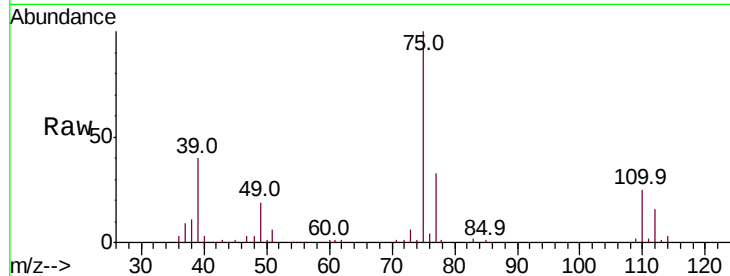
VSTDCCC050EC

Tot Ion: 75 Resp: 167641

Ion Ratio Lower Upper

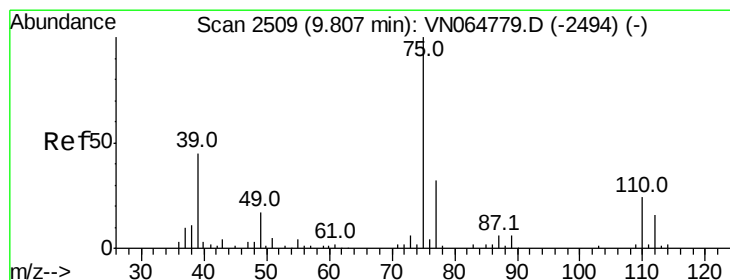
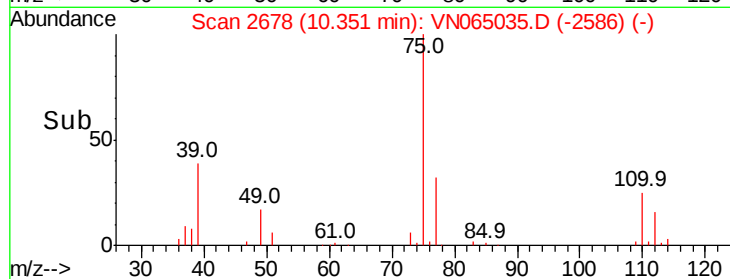
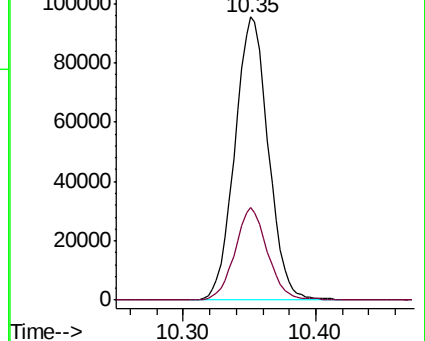
75 100

77 32.4 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 49.889 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

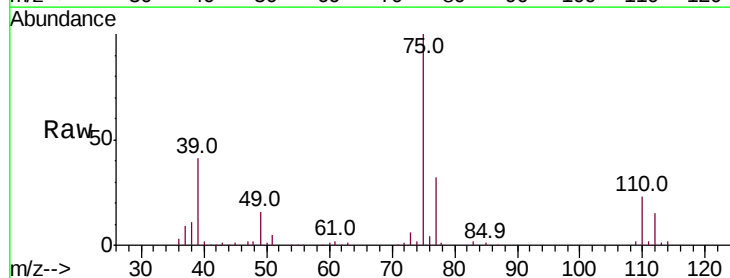
Tgt Ion: 75 Resp: 182415

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

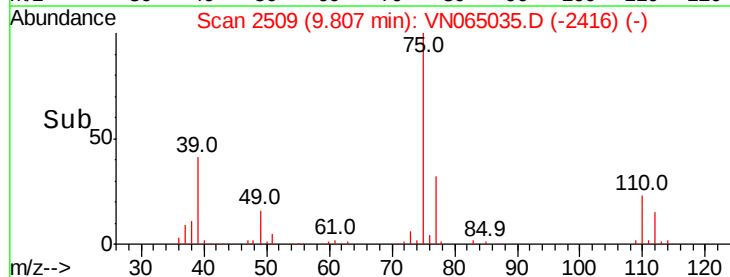
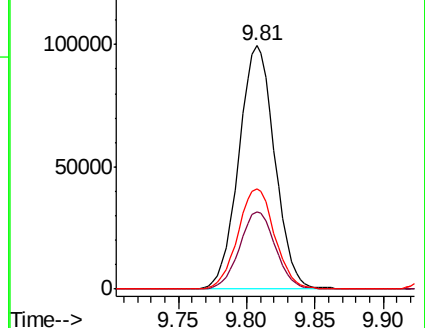
39 41.1 35.6 53.4

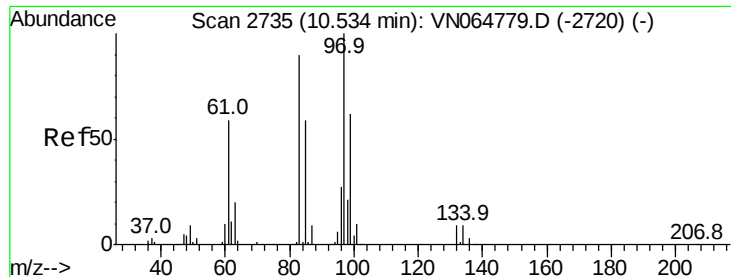


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

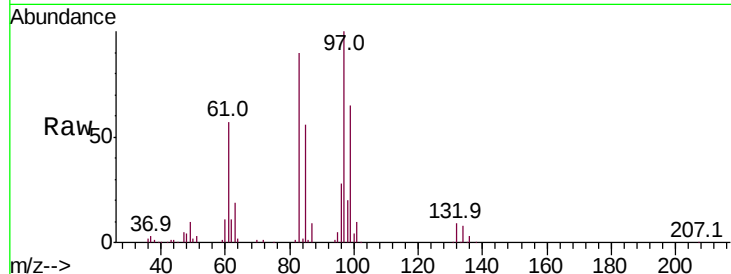




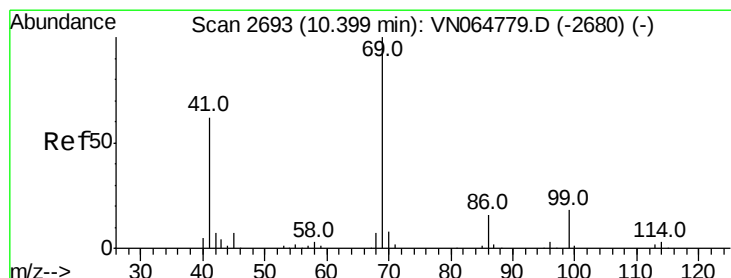
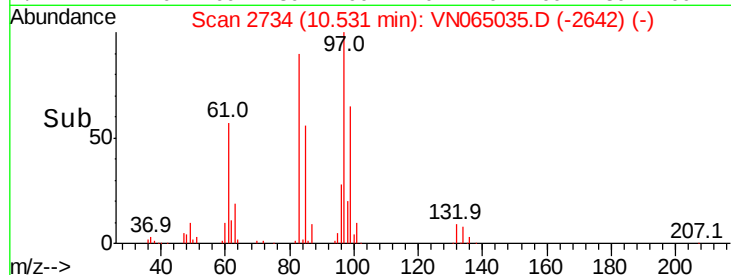
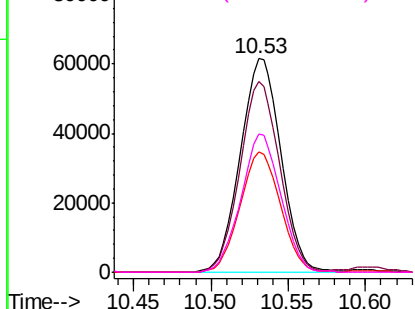
#55
 1,1,2-Trichloroethane
 Concen: 50.580 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 112694
 Ion Ratio Lower Upper
 97 100
 83 89.6 72.1 108.1
 85 56.4 46.8 70.2
 99 64.5 49.6 74.4

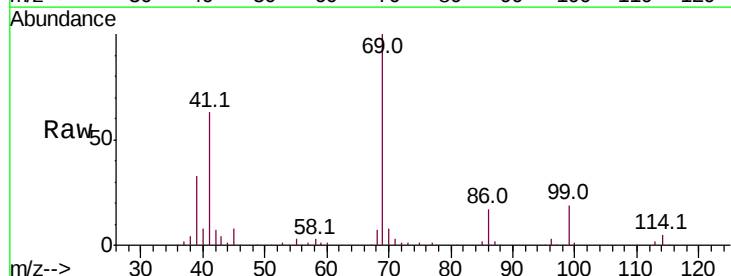


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

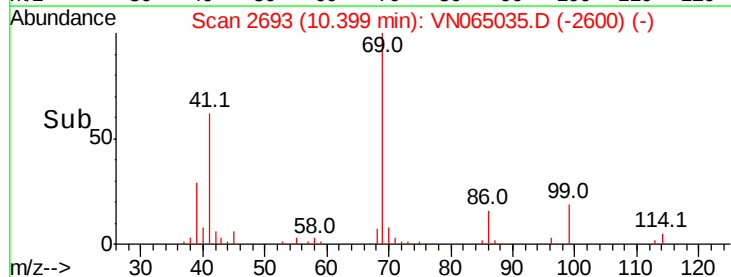
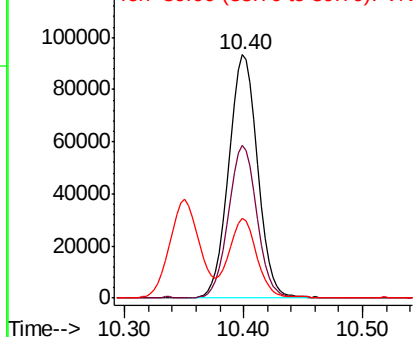


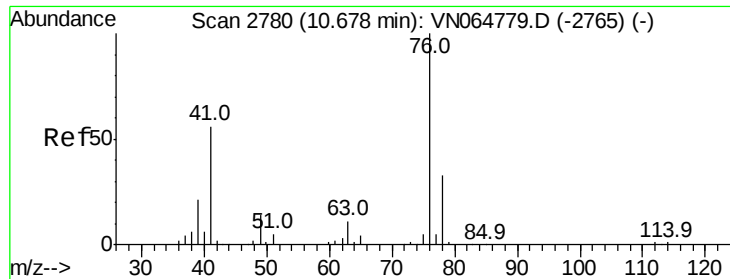
#56
 Ethyl methacrylate
 Concen: 51.138 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion: 69 Resp: 157227
 Ion Ratio Lower Upper
 69 100
 41 61.4 49.4 74.0
 39 31.8 25.9 38.9



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

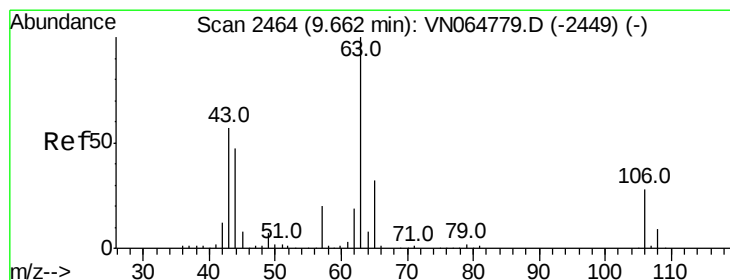
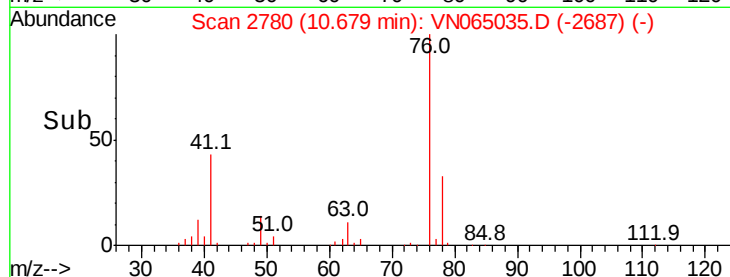
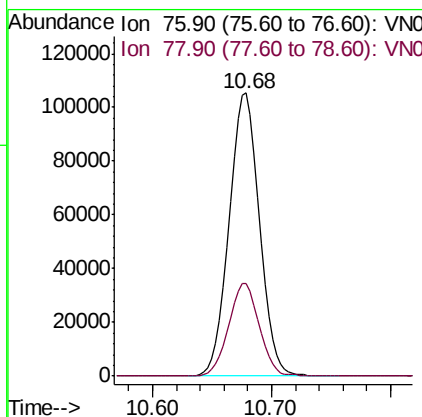
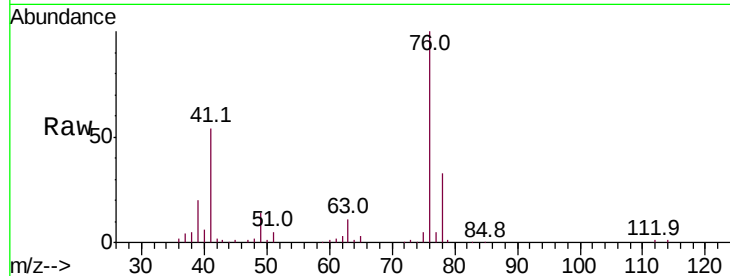




#57
 1,3-Dichloropropane
 Concen: 50.616 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

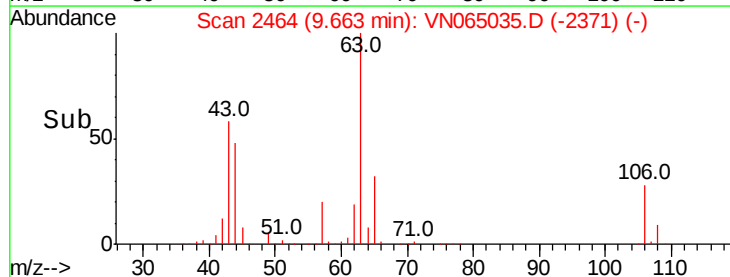
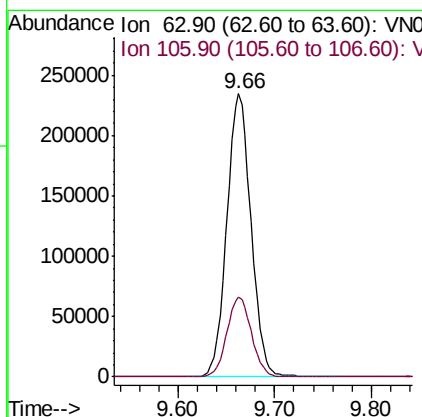
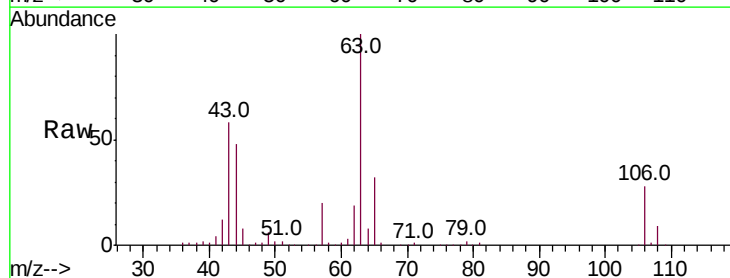
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

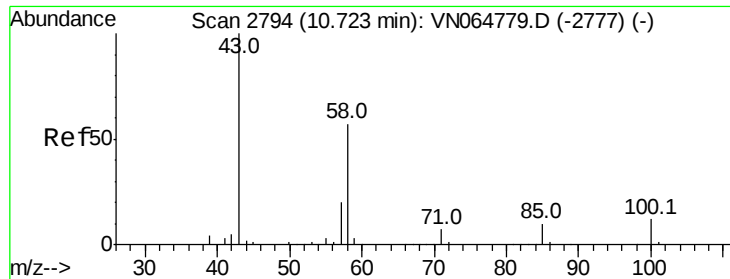
Tot Ion: 76 Resp: 186028
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.808 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion: 63 Resp: 407264
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.7 34.1

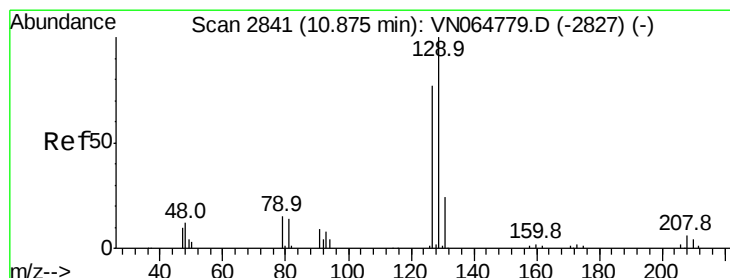
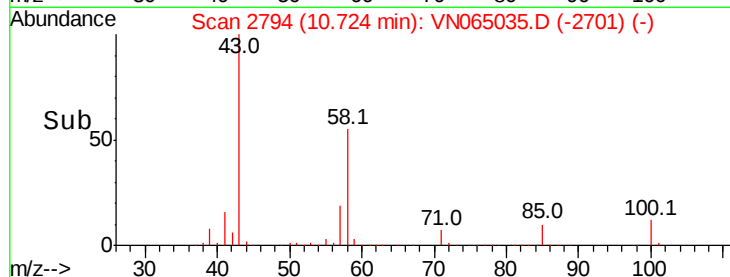
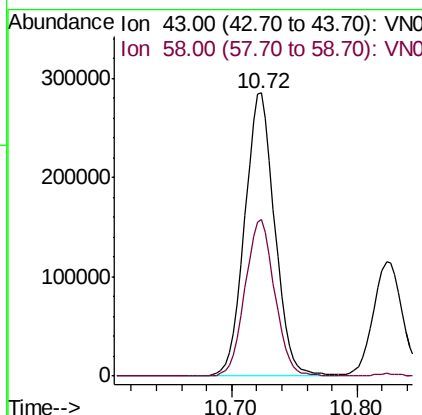
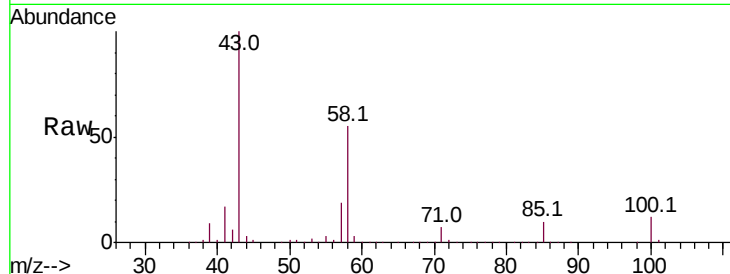




#59
2-Hexanone
Concen: 245.743 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

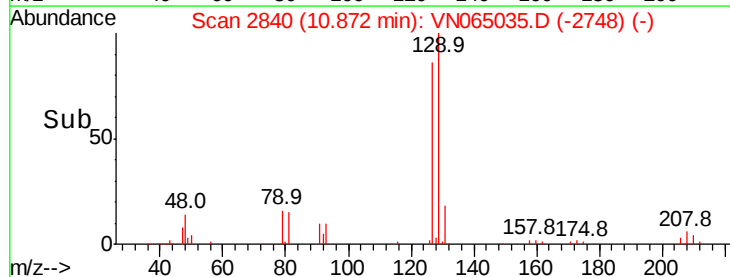
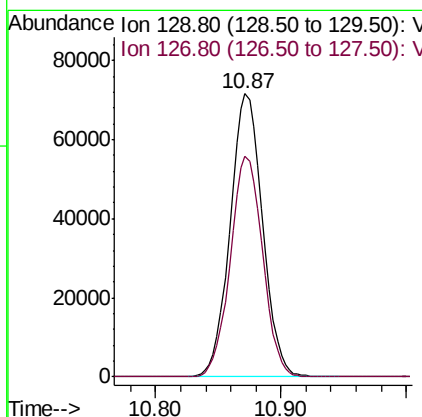
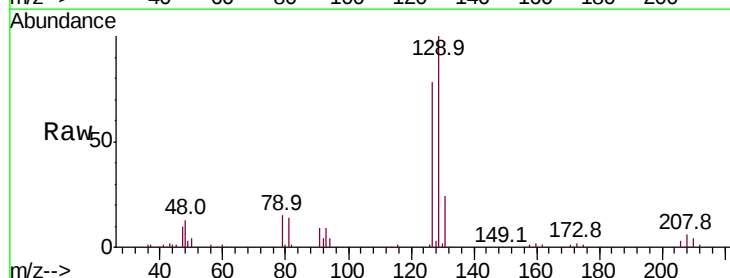
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

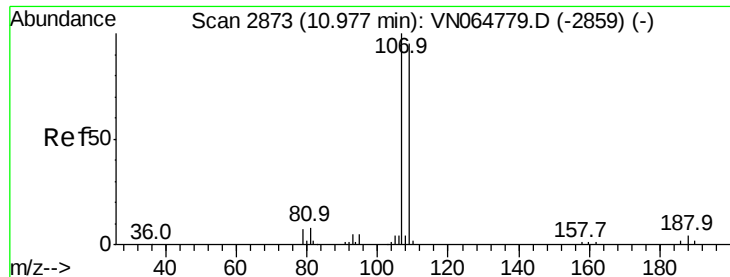
Tot Ion: 43 Resp: 472512
Ion Ratio Lower Upper
43 100
58 55.3 28.3 84.9



#60
Dibromochloromethane
Concen: 51.848 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 129 Resp: 128409
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2

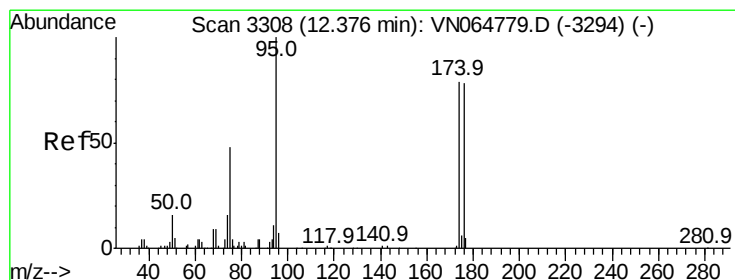
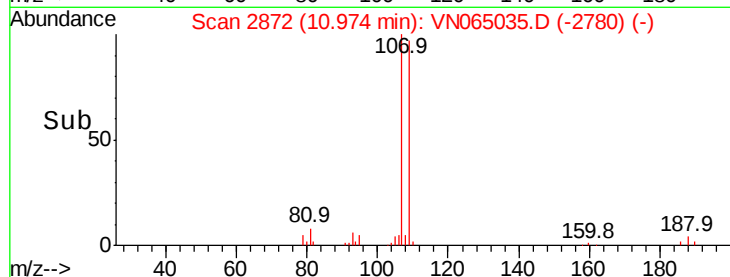
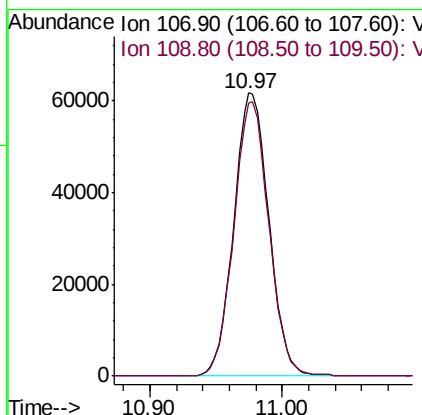
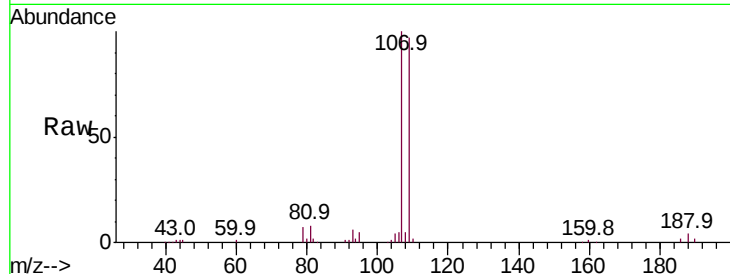




#61
 1,2-Dibromoethane
 Concen: 49.903 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

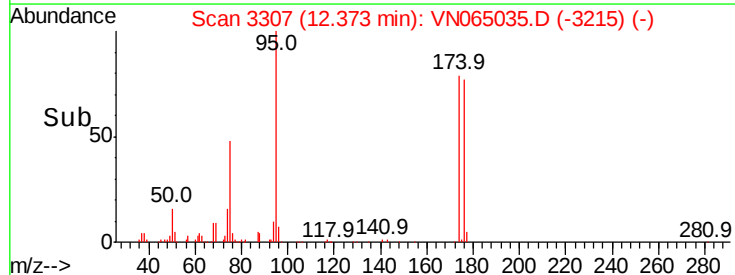
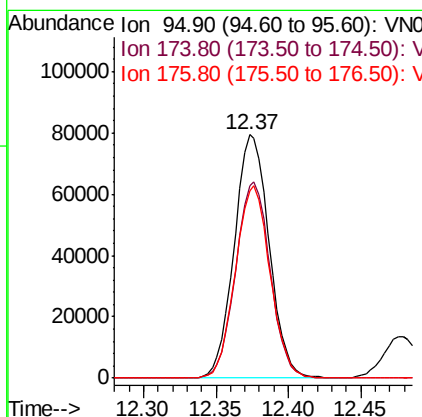
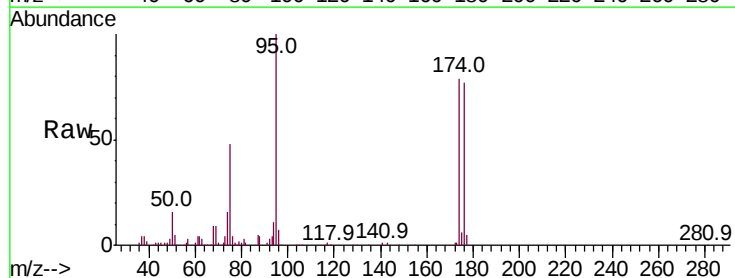
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

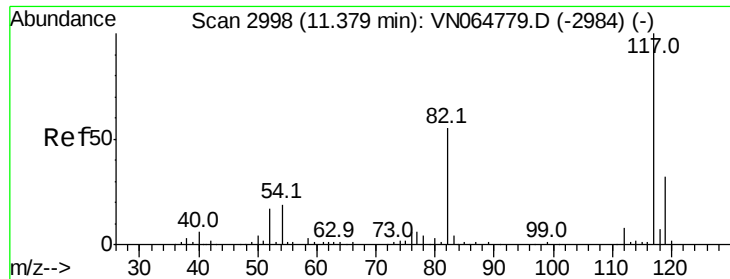
Tot Ion:107 Resp: 112961
 Ion Ratio Lower Upper
 107 100
 109 96.9 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 49.044 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion: 95 Resp: 132924
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 160.4
 176 78.8 0.0 158.4

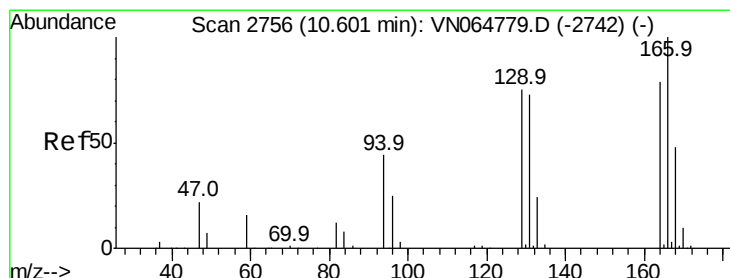
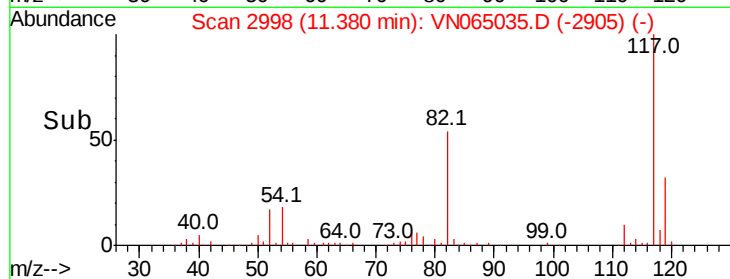
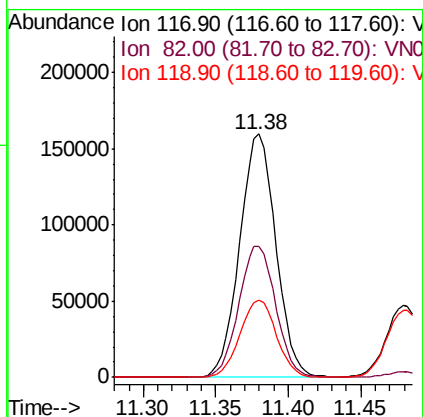
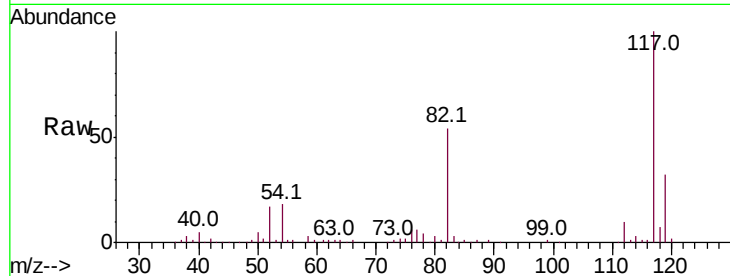




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

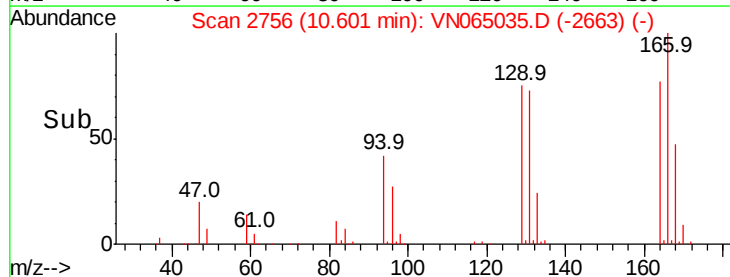
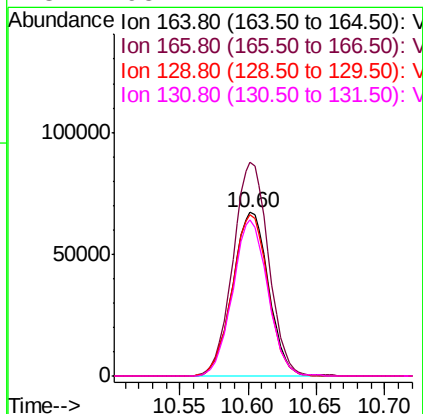
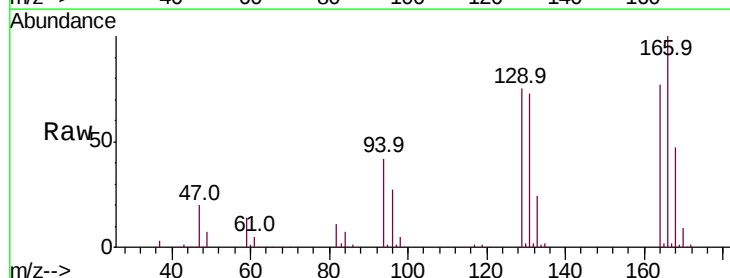
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

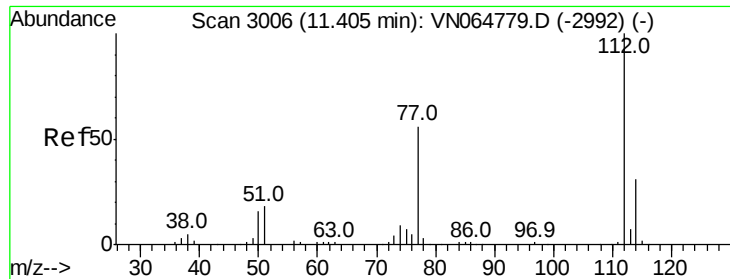
Tot Ion:117 Resp: 277531
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 45.569 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion:164 Resp: 123042
Ion Ratio Lower Upper
164 100
166 130.6 101.4 152.0
129 98.6 76.1 114.1
131 95.4 74.2 111.2

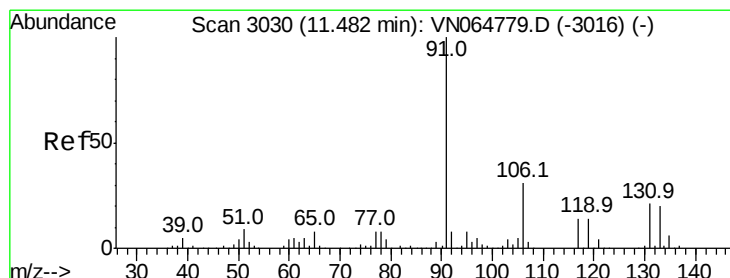
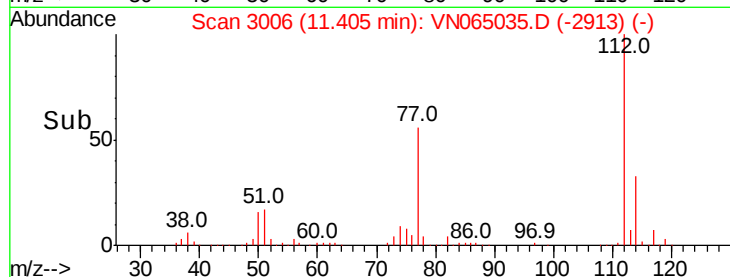
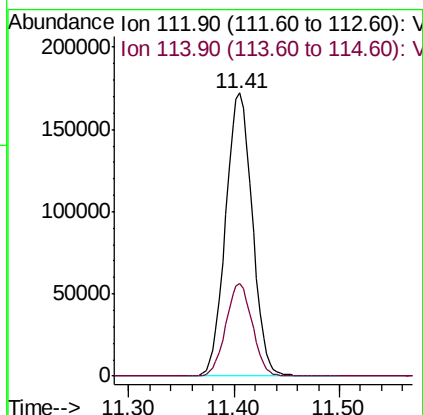
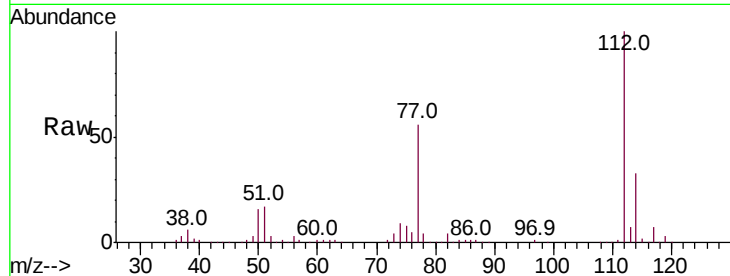




#65
Chlorobenzene
Concen: 50.563 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

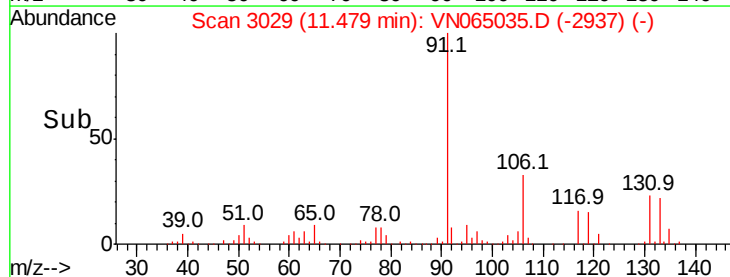
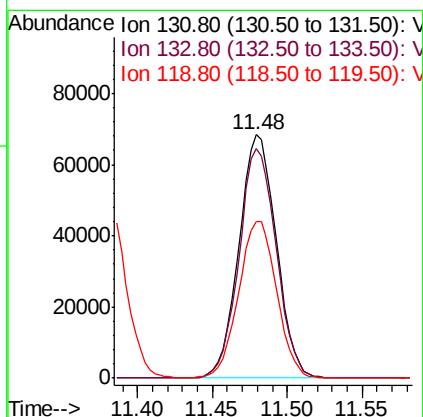
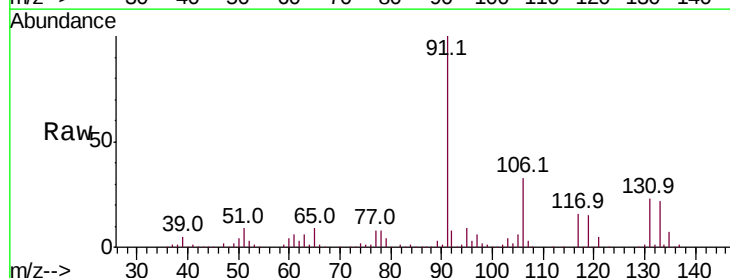
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

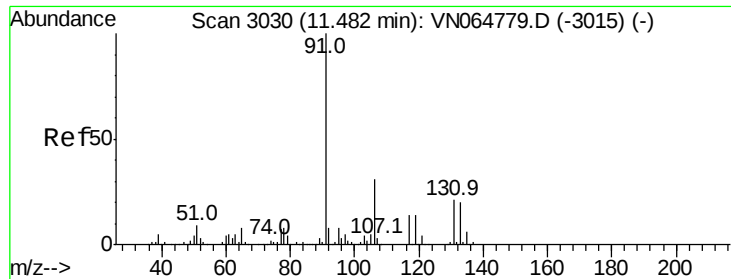
Tot Ion:112 Resp: 301351
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.157 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion:131 Resp: 118619
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.5
119 65.7 33.3 99.8

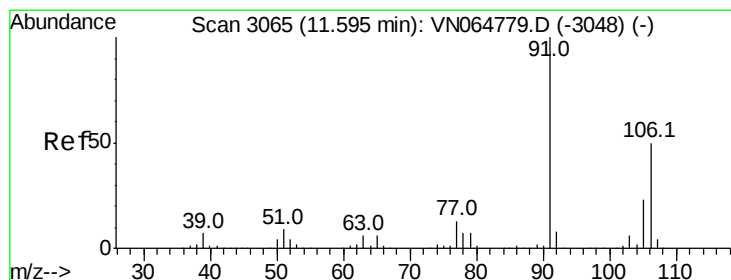
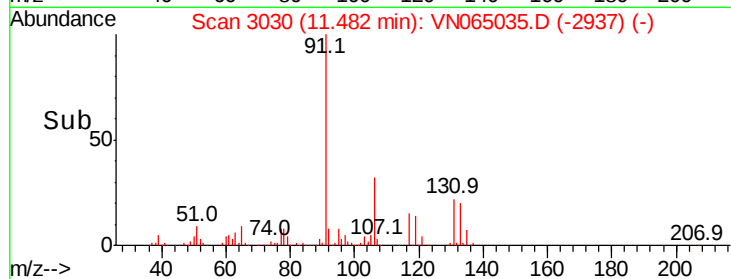
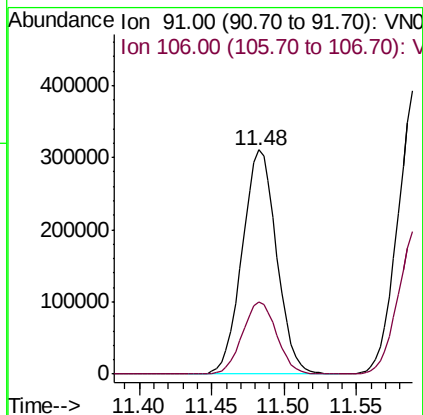
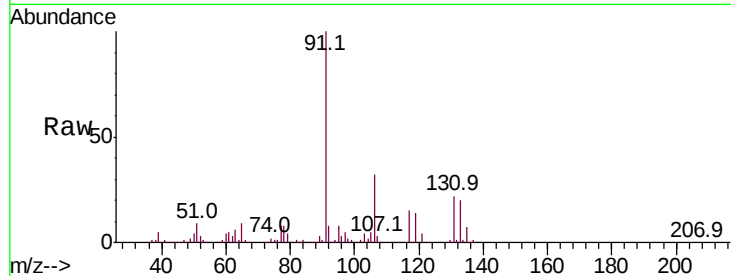




#67
Ethyl Benzene
Concen: 51.436 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

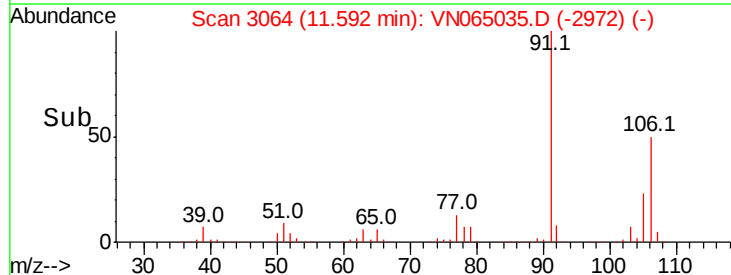
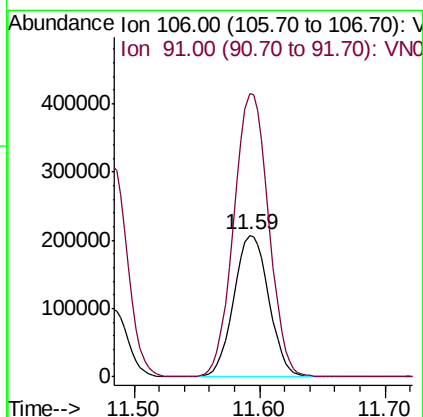
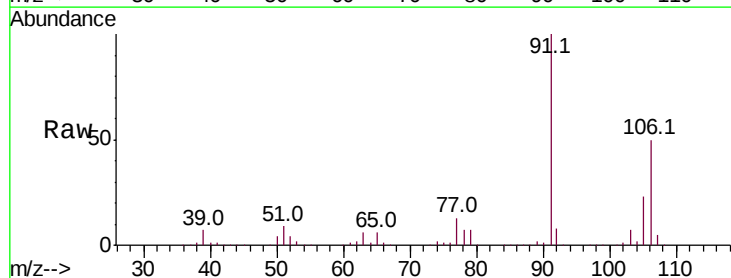
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

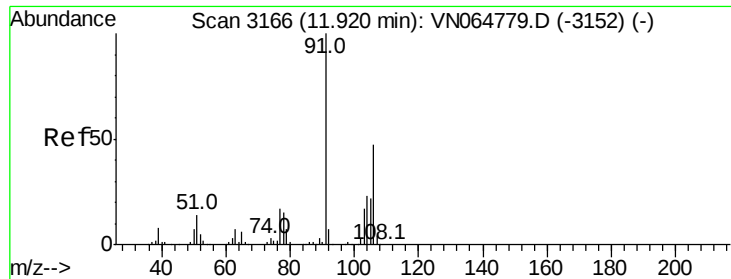
Tot Ion: 91 Resp: 512115
Ion Ratio Lower Upper
91 100
106 32.3 25.2 37.8



#68
m/p-Xylenes
Concen: 106.315 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 106 Resp: 400763
Ion Ratio Lower Upper
106 100
91 199.5 161.0 241.4

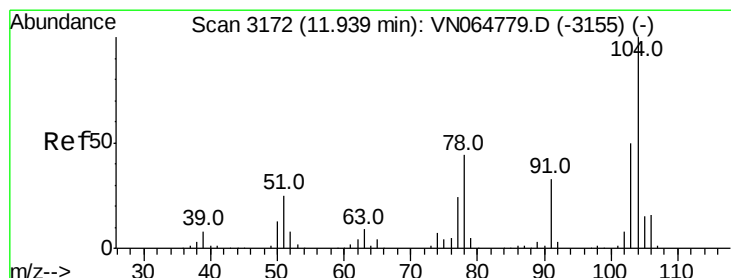
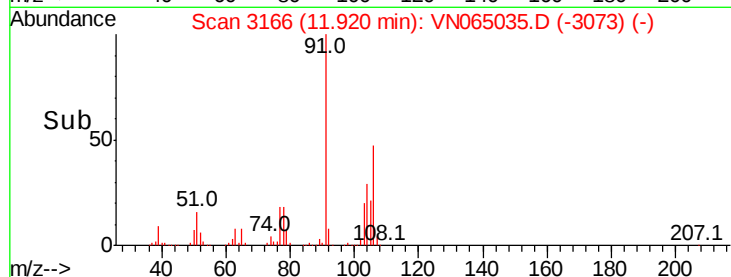
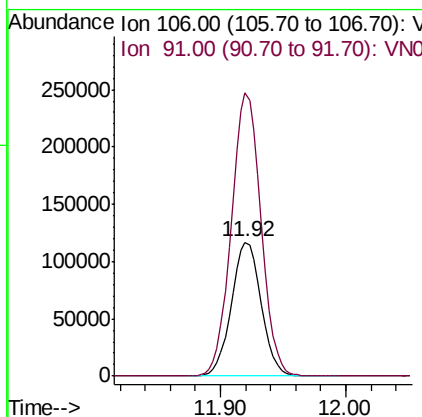
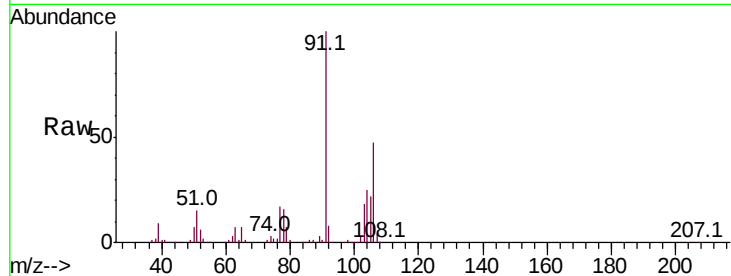




#69
o-Xylene
Concen: 53.633 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

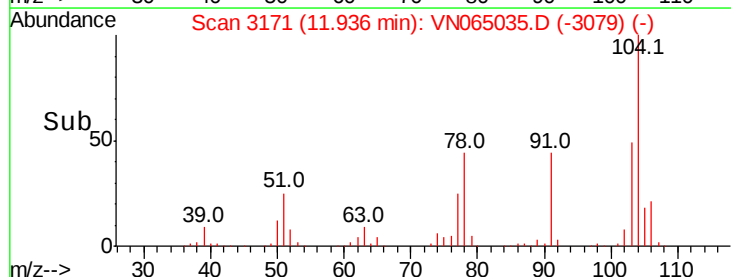
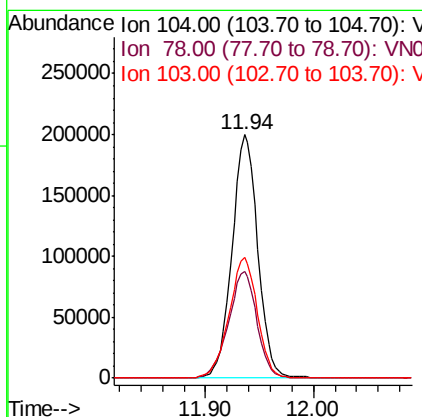
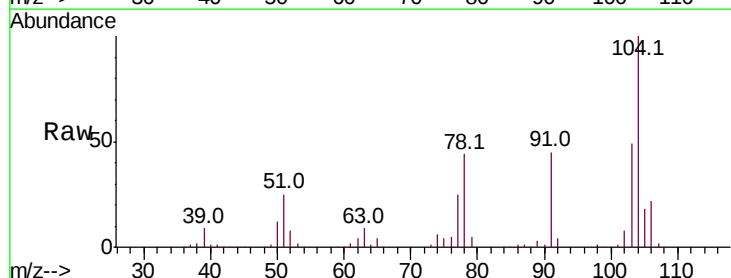
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

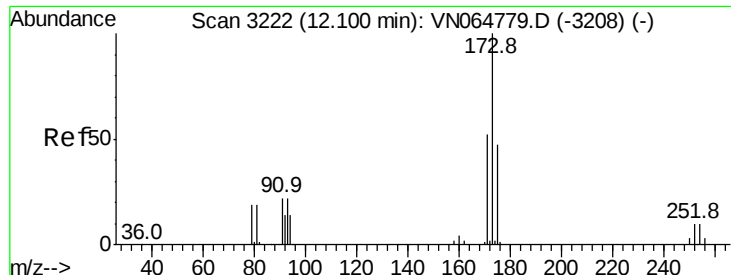
Tot Ion:106 Resp: 191854
Ion Ratio Lower Upper
106 100
91 211.1 105.5 316.5



#70
Styrene
Concen: 55.205 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion:104 Resp: 333369
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 54.5 44.3 66.5

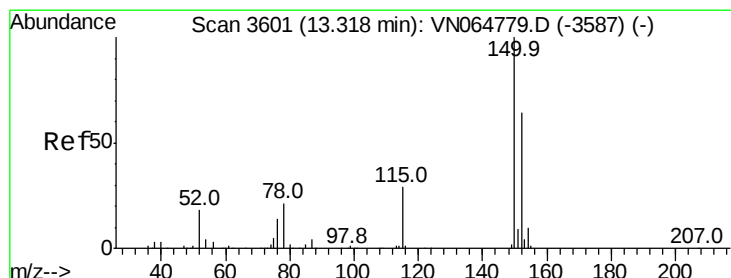
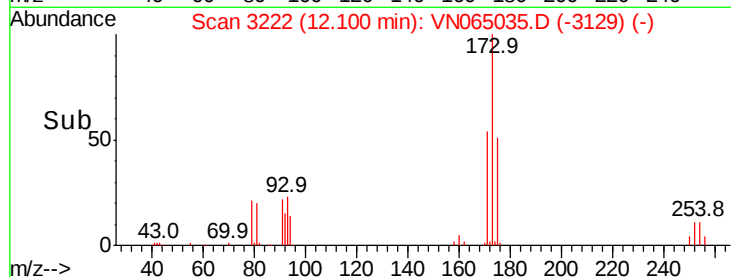
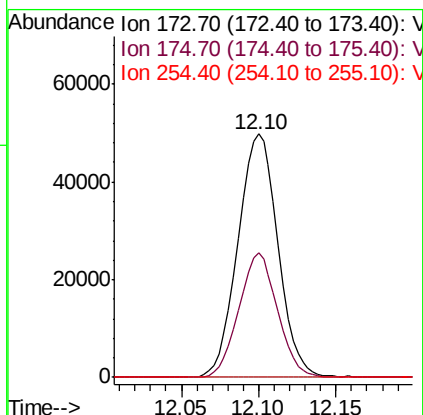
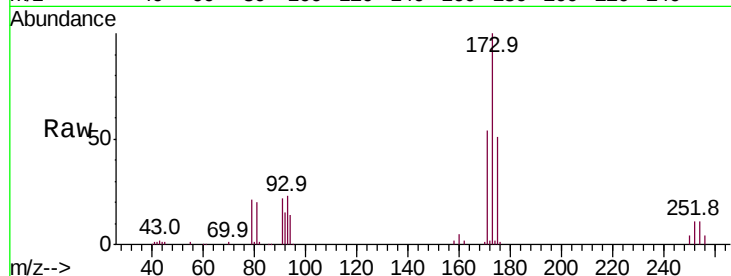




#71
Bromoform
Concen: 51.257 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

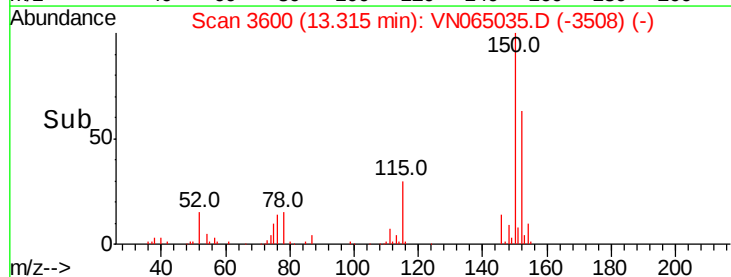
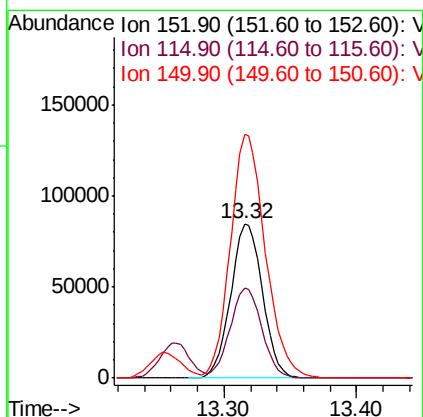
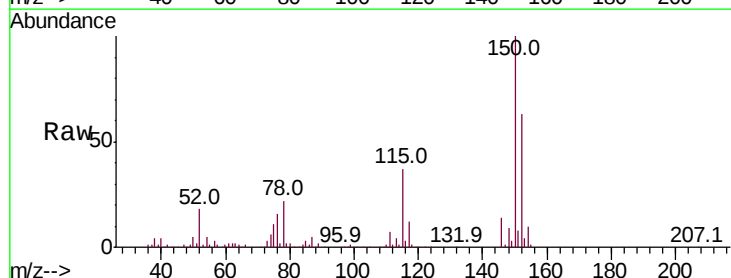
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

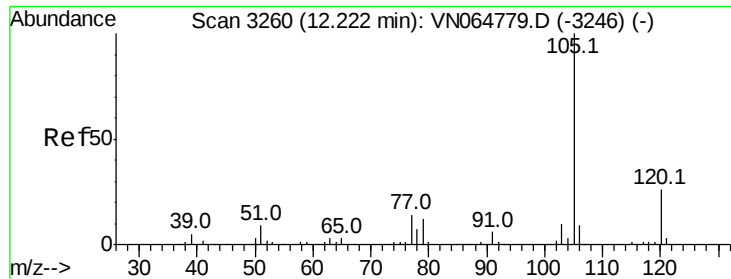
Tot Ion:173 Resp: 89669
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion:152 Resp: 141226
Ion Ratio Lower Upper
152 100
115 58.6 29.7 89.1
150 173.8 0.0 350.6





#73

Isopropylbenzene

Concen: 51.418 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

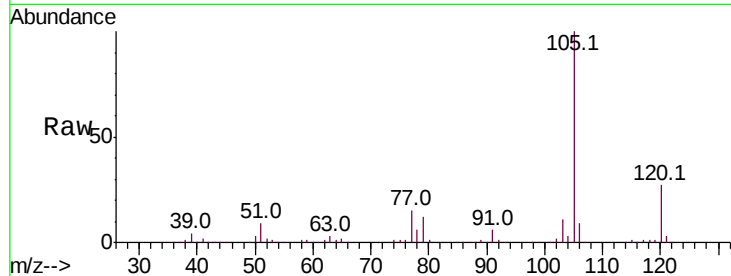
VSTDCCC050EC

Tot Ion:105 Resp: 505089

Ion Ratio Lower Upper

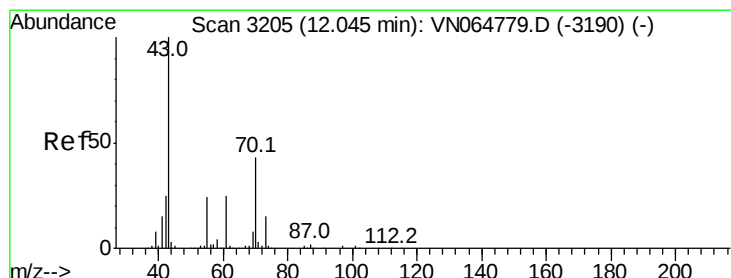
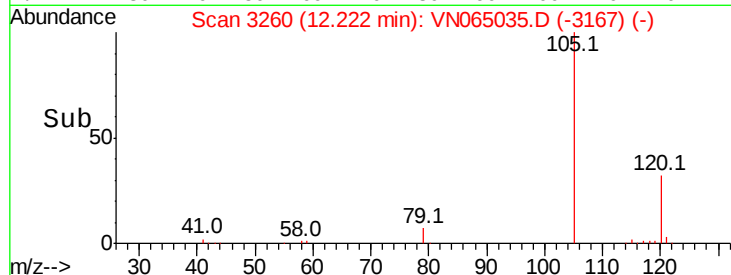
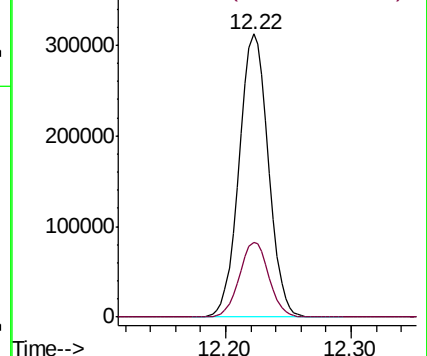
105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.750 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Tgt Ion: 43 Resp: 188459

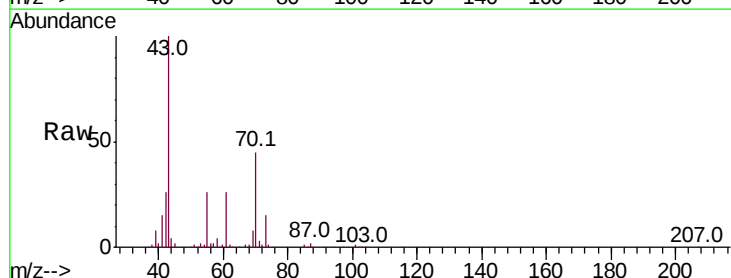
Ion Ratio Lower Upper

43 100

70 45.1 34.5 51.7

55 26.8 20.4 30.6

61 25.2 20.0 30.0

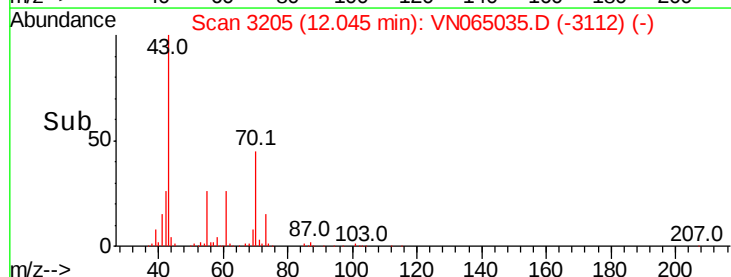
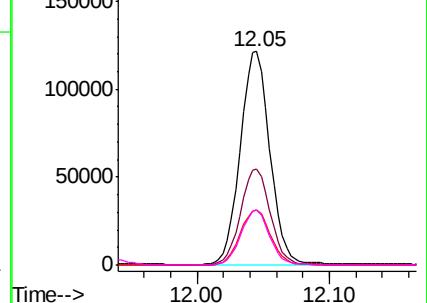


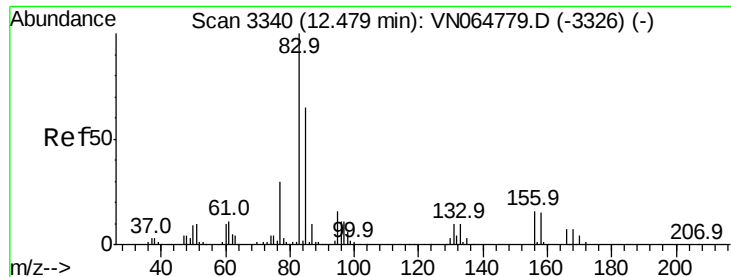
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.837 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

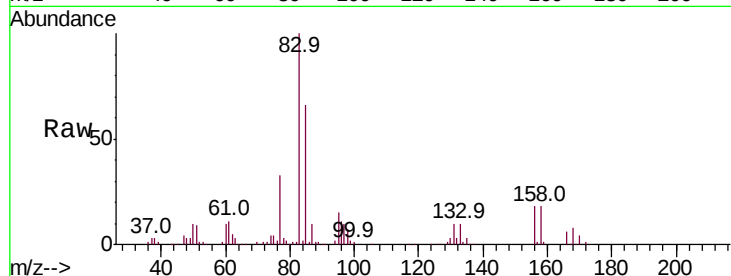
Tot Ion: 83 Resp: 149252

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

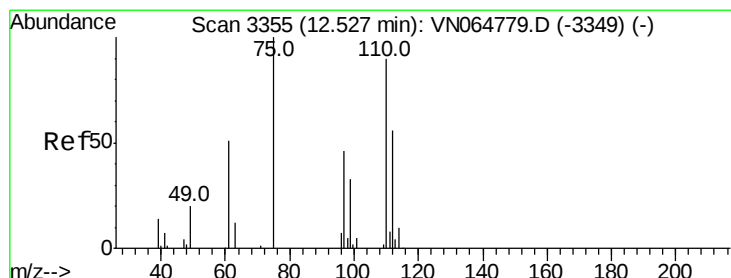
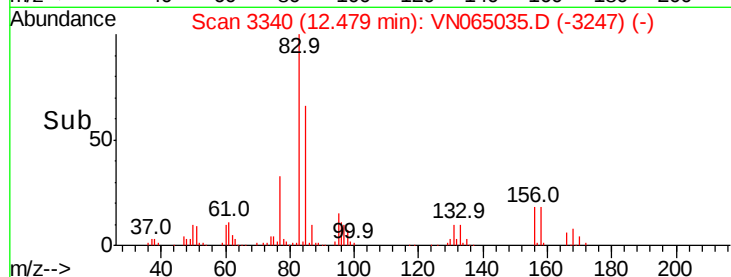
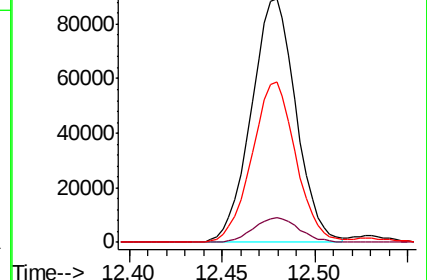
85 64.7 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 66.199 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN065035.D

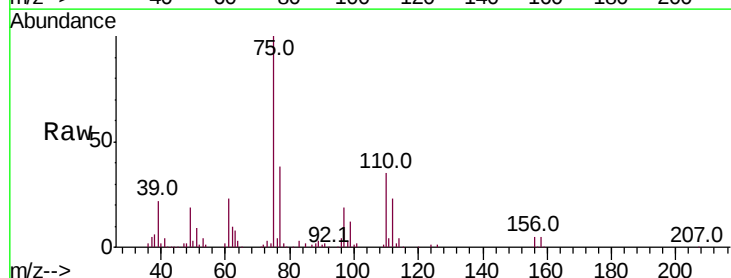
Acq: 9 Dec 2020 21:03

Tgt Ion: 75 Resp: 201339

Ion Ratio Lower Upper

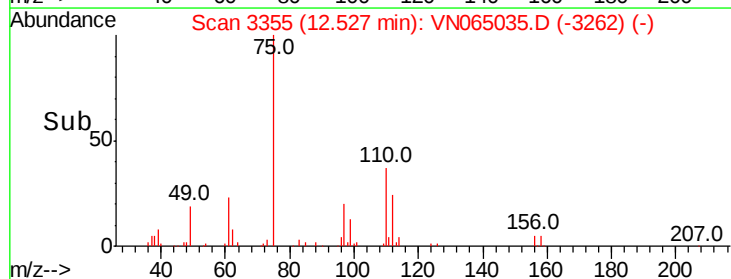
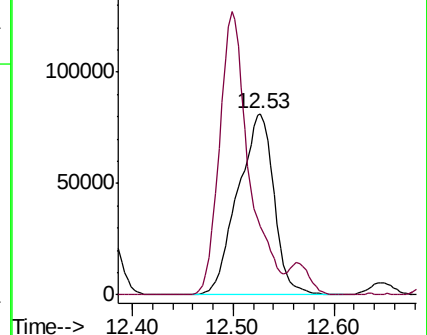
75 100

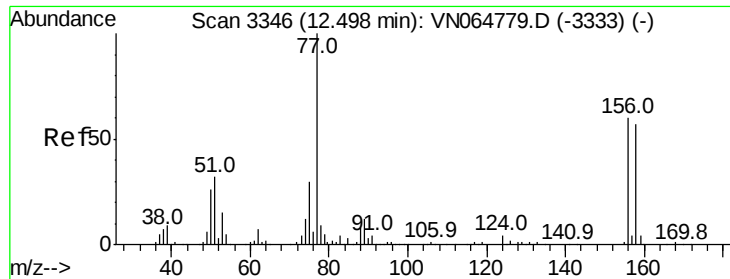
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 50.100 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

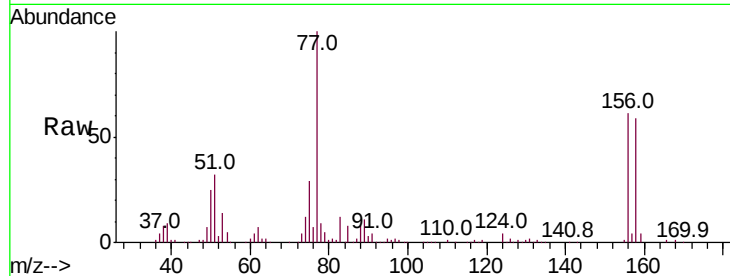
Tot Ion:156 Resp: 132682

Ion Ratio Lower Upper

156 100

77 195.2 101.3 303.7

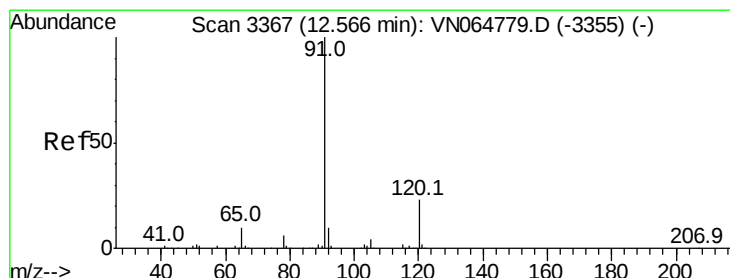
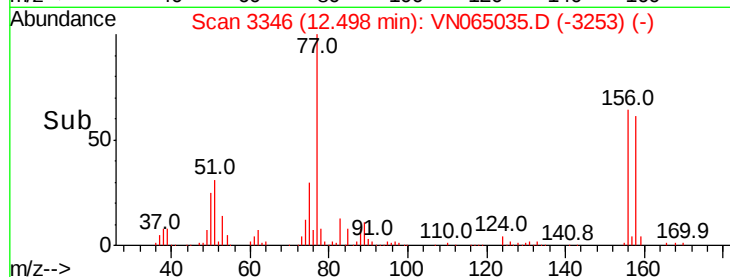
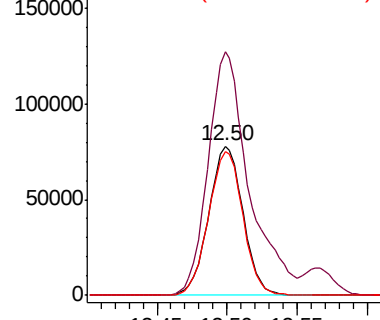
158 96.9 48.2 144.6



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: 50.632 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN065035.D

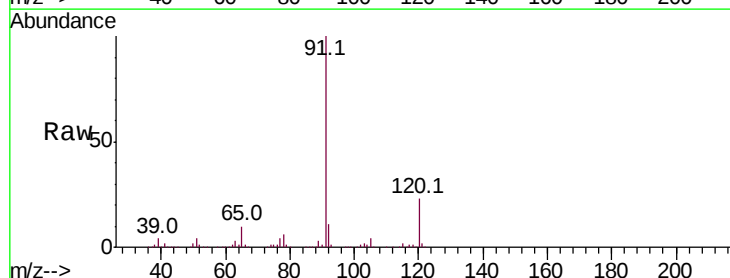
Acq: 9 Dec 2020 21:03

Tgt Ion: 91 Resp: 566600

Ion Ratio Lower Upper

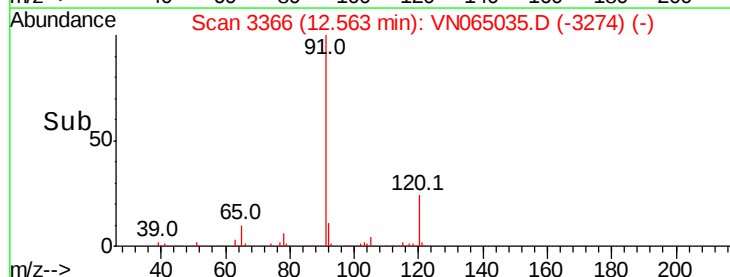
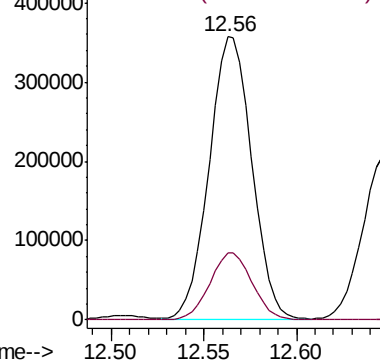
91 100

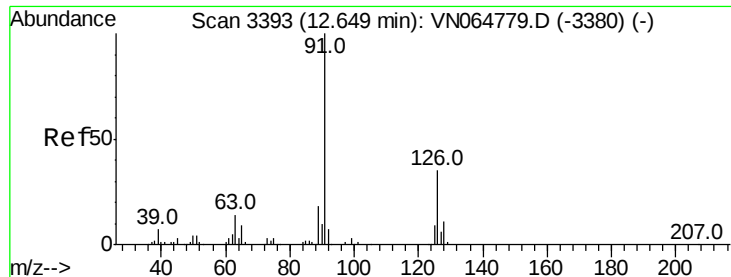
120 23.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.494 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

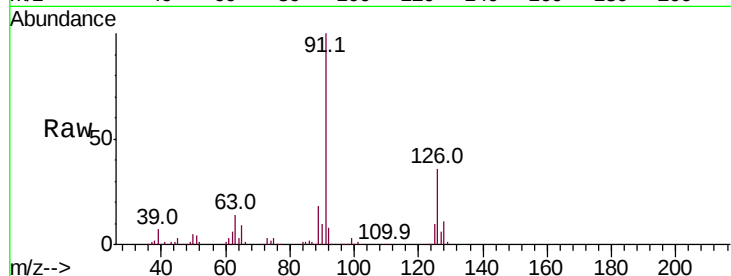
VSTDCCC050EC

Tot Ion: 91 Resp: 342370

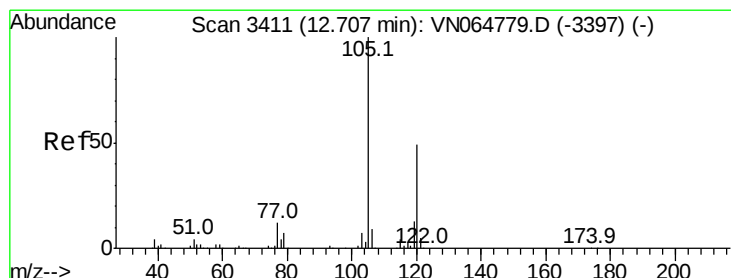
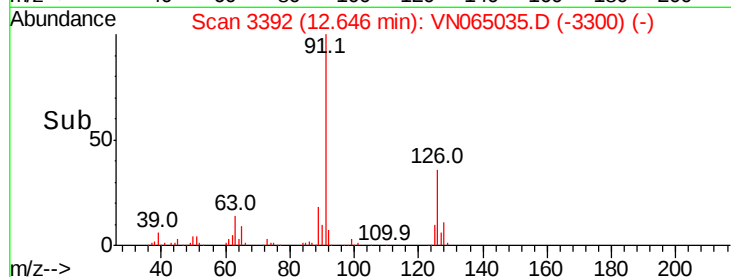
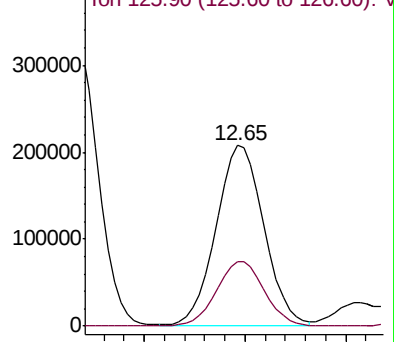
Ion Ratio Lower Upper

91 100

126 36.2 17.2 51.6



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



#80

1,3,5-Trimethylbenzene

Concen: 52.990 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN065035.D

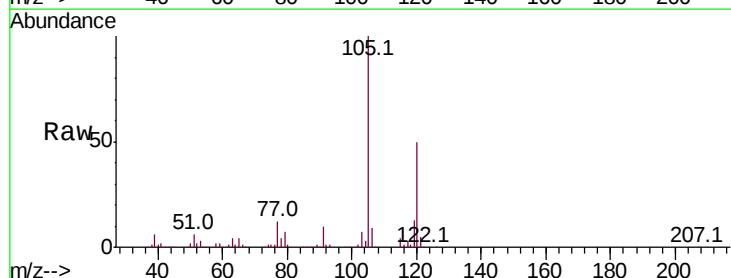
Acq: 9 Dec 2020 21:03

Tgt Ion: 105 Resp: 432667

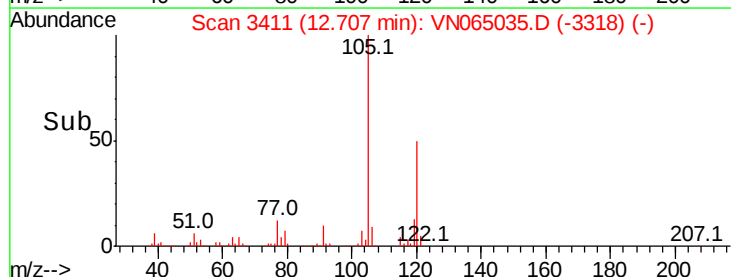
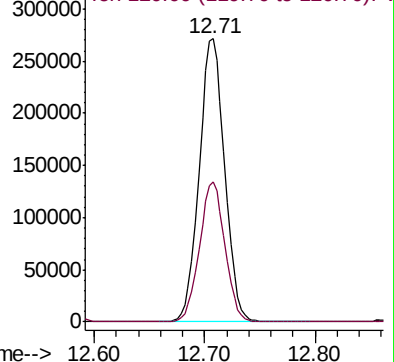
Ion Ratio Lower Upper

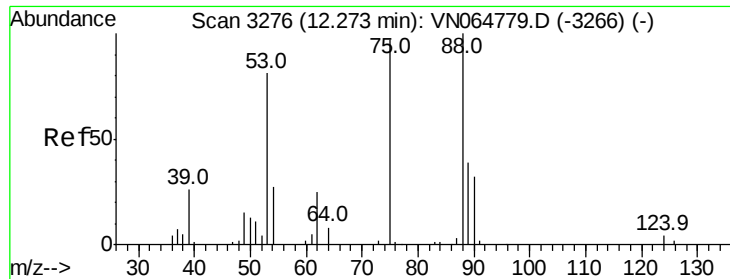
105 100

120 49.5 24.6 73.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 47.181 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

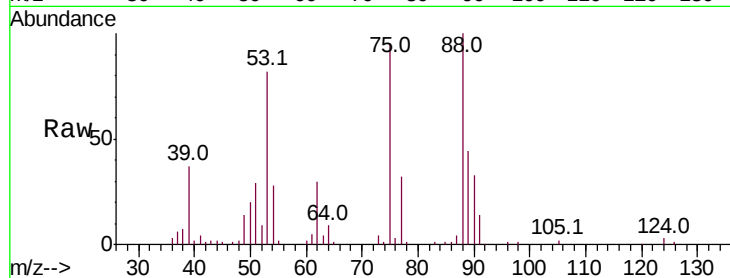
Tot Ion: 75 Resp: 52357

Ion Ratio Lower Upper

75 100

53 84.8 67.0 100.4

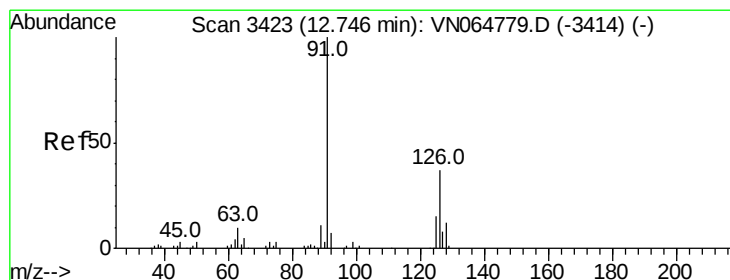
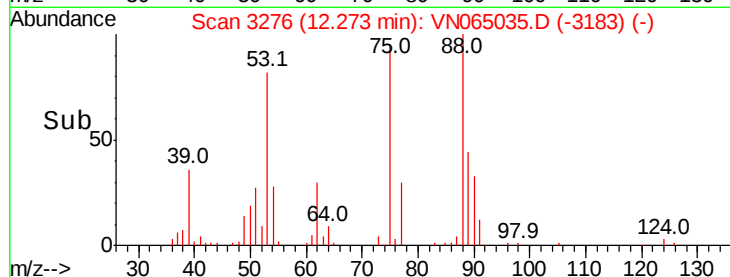
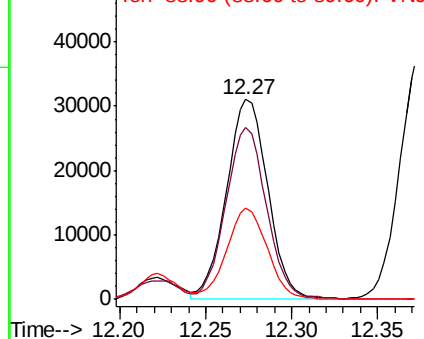
89 44.6 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.914 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN065035.D

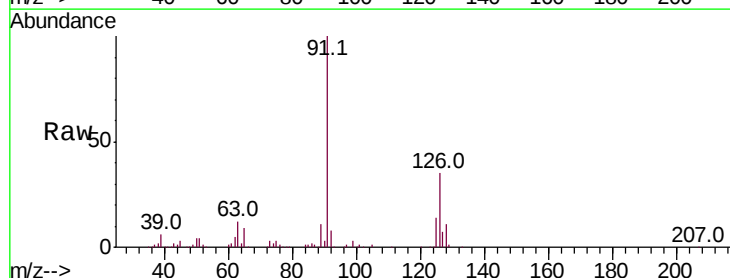
Acq: 9 Dec 2020 21:03

Tgt Ion: 91 Resp: 361915

Ion Ratio Lower Upper

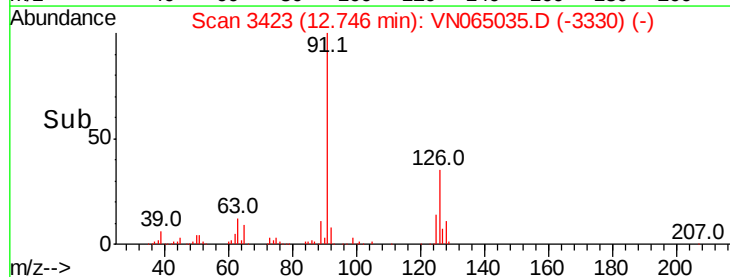
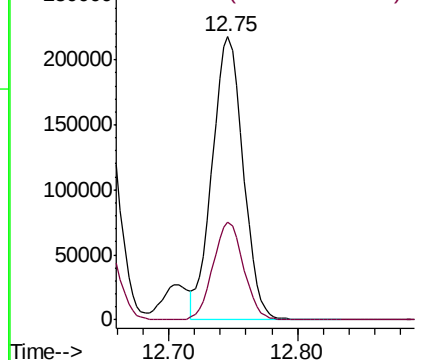
91 100

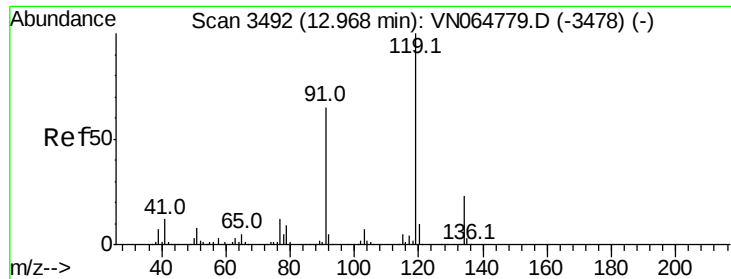
126 34.2 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

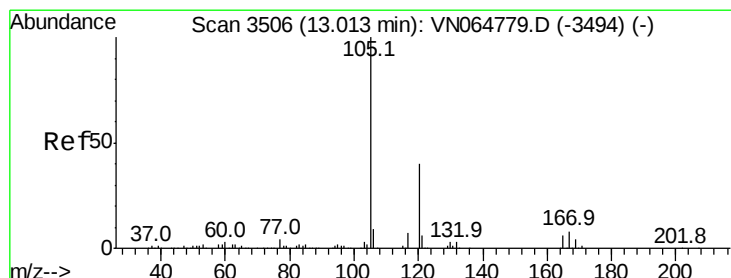
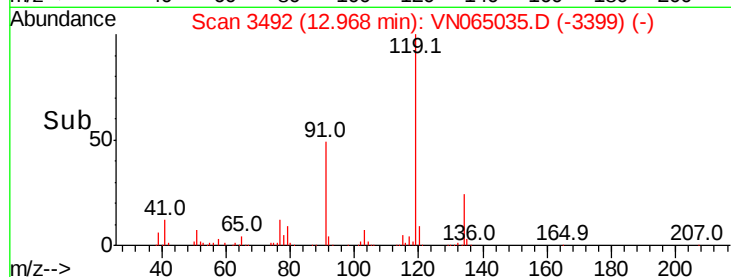
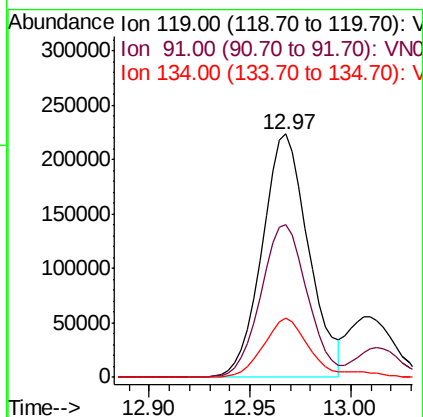
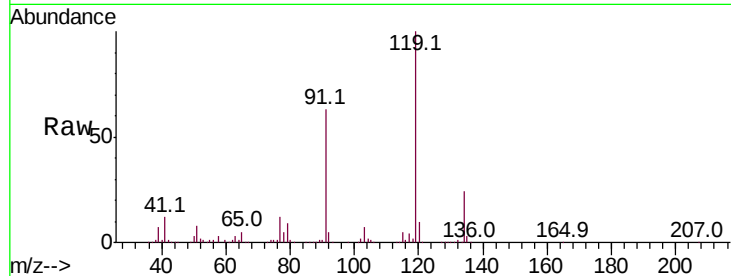




#83
 tert-Butylbenzene
 Concen: 52.334 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

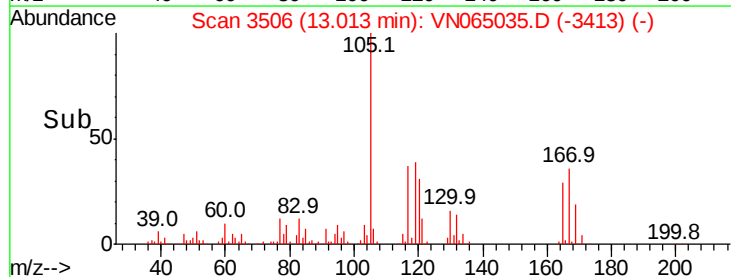
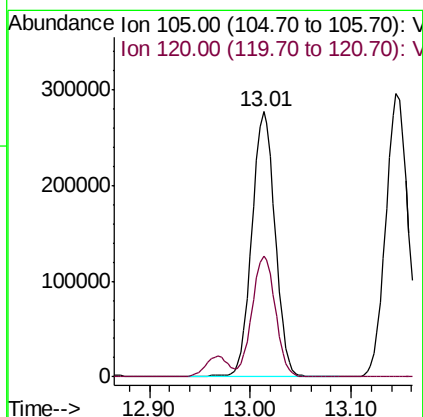
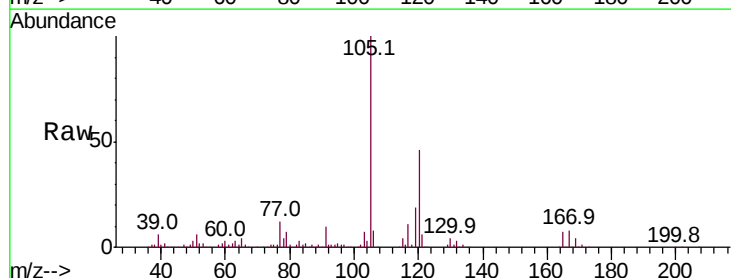
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

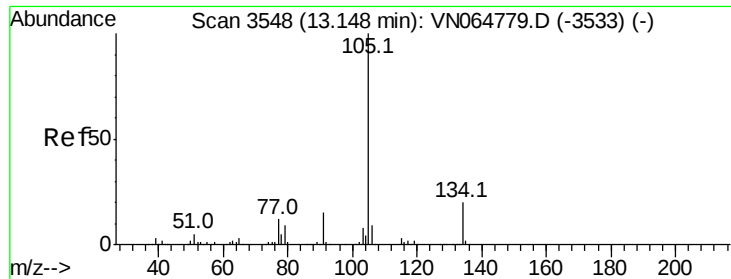
Tot Ion:119 Resp: 358168
 Ion Ratio Lower Upper
 119 100
 91 63.0 32.3 96.8
 134 25.1 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 53.278 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion:105 Resp: 439833
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.2

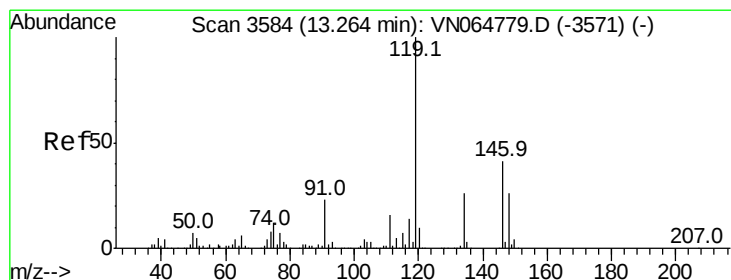
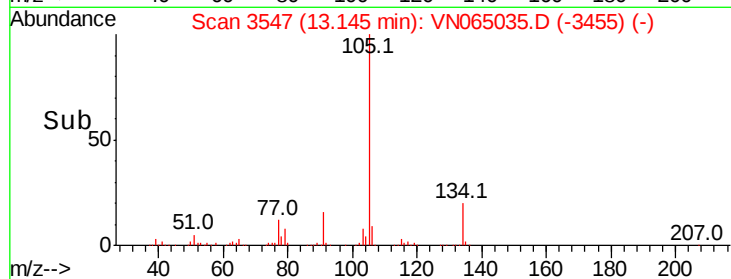
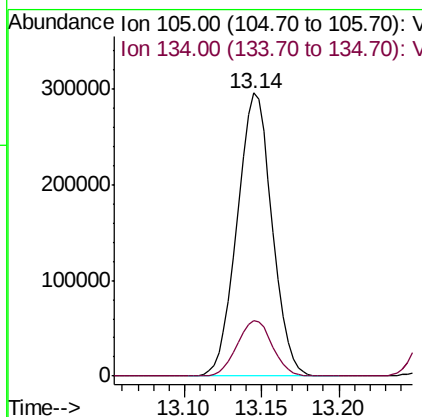
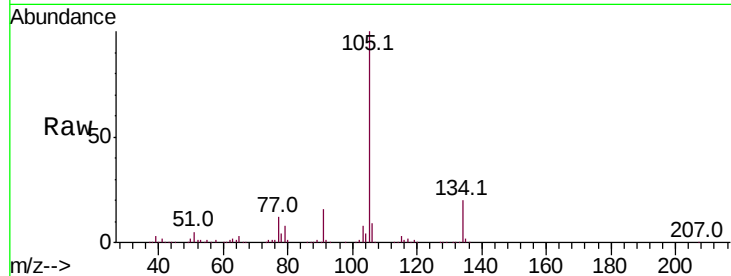




#85
 sec-Butylbenzene
 Concen: 50.792 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

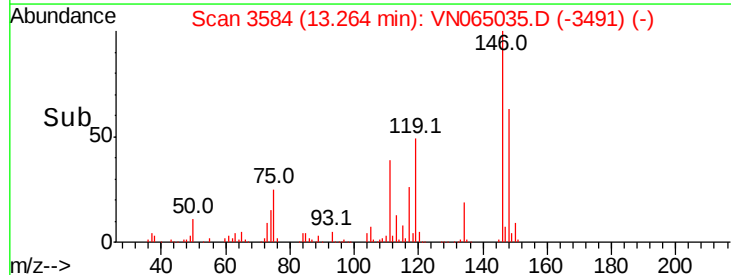
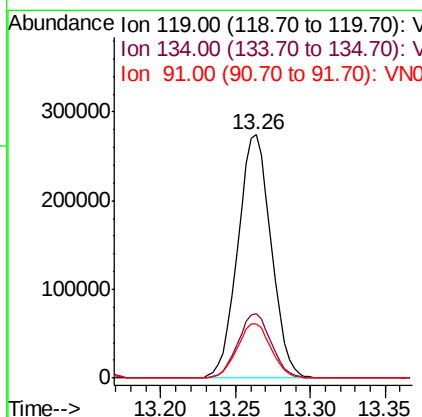
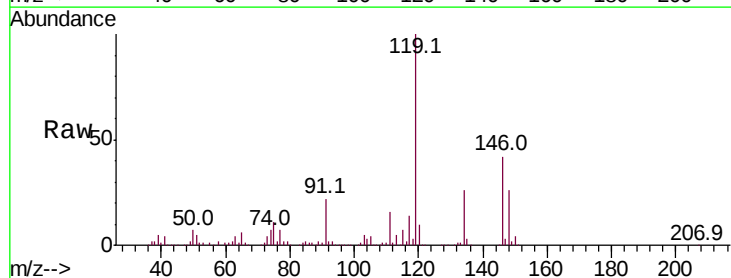
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

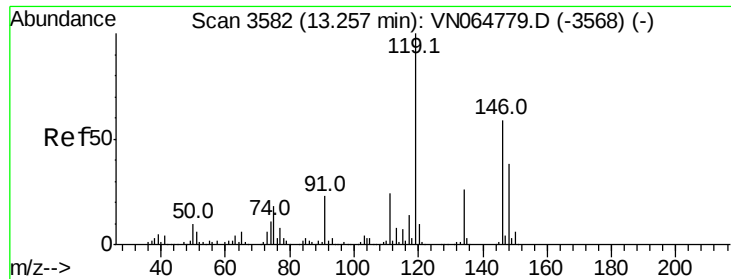
Tot Ion:105 Resp: 461539
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 51.261 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion:119 Resp: 424079
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 22.8 11.5 34.5

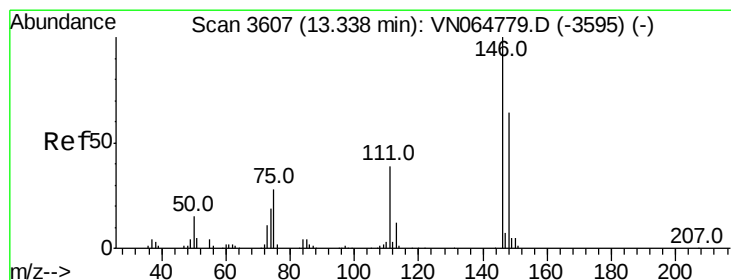
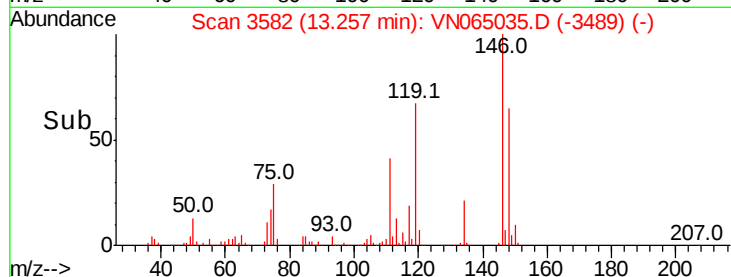
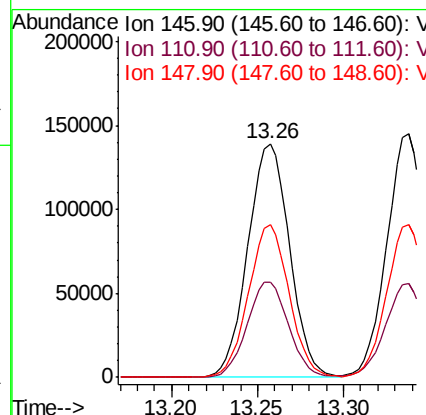
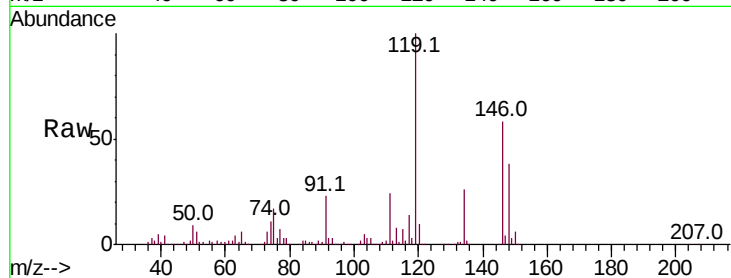




#87
 1,3-Dichlorobenzene
 Concen: 49.768 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

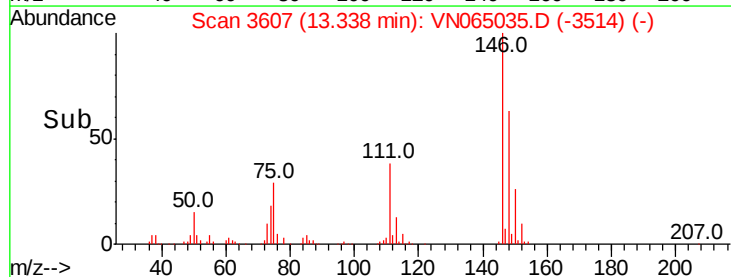
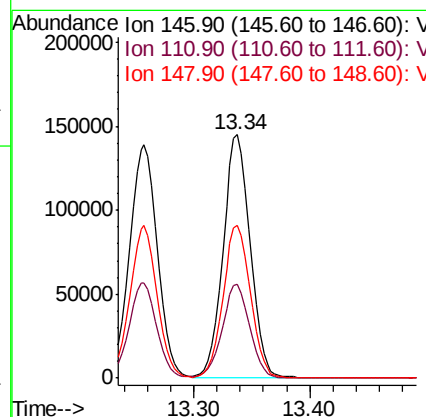
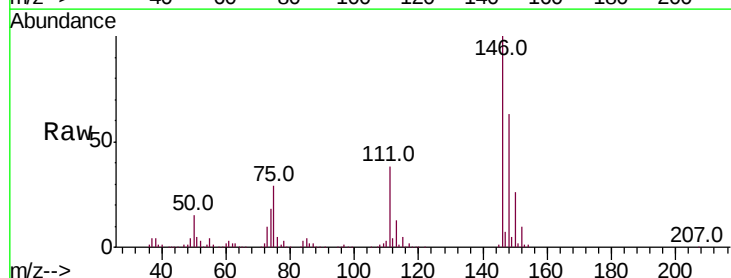
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

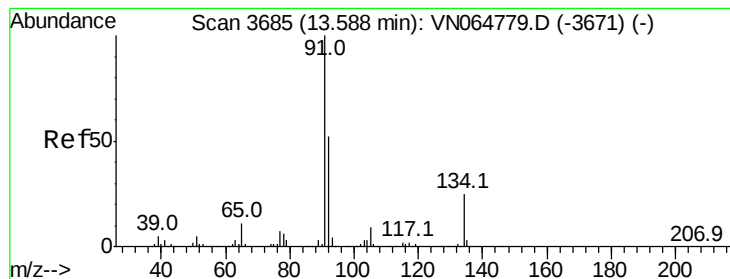
Tot Ion:146 Resp: 234167
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.6 61.9
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.511 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion:146 Resp: 236415
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.8 59.3
 148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 47.256 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

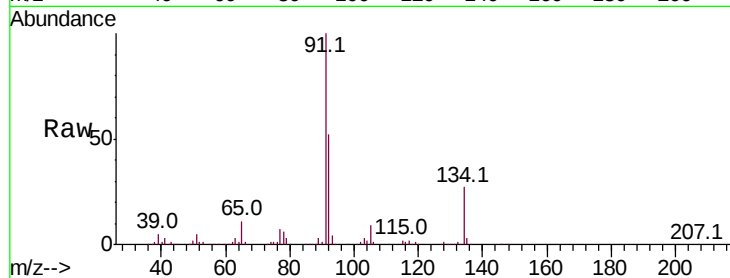
Tot Ion: 91 Resp: 343326

Ion Ratio Lower Upper

91 100

92 51.5 26.0 78.0

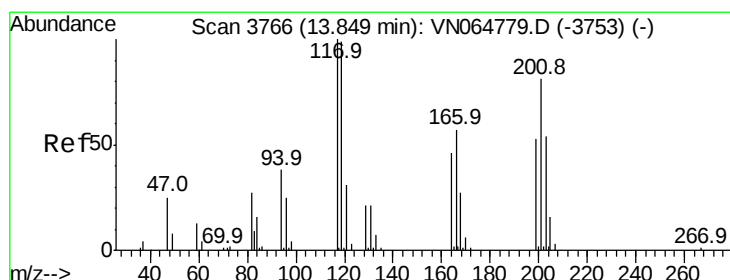
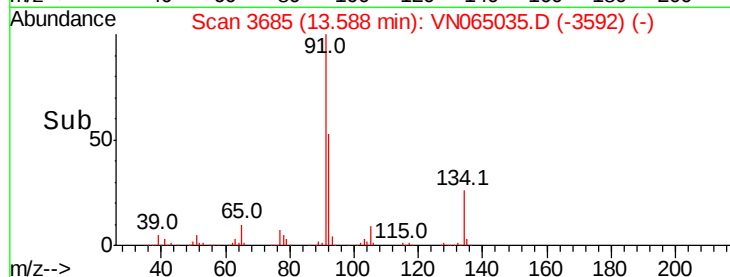
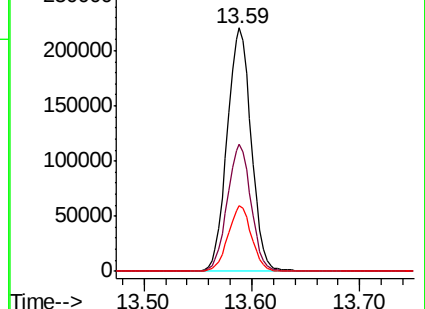
134 26.1 12.9 38.6



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: 52.095 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN065035.D

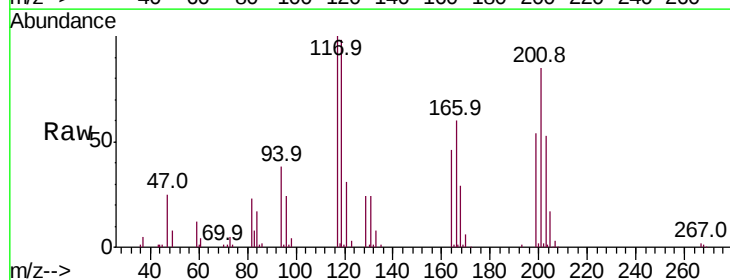
Acq: 9 Dec 2020 21:03

Tgt Ion: 117 Resp: 74869

Ion Ratio Lower Upper

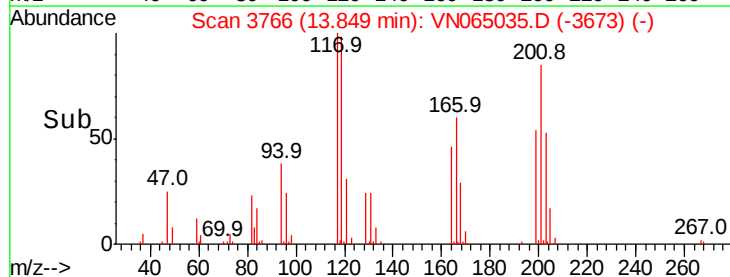
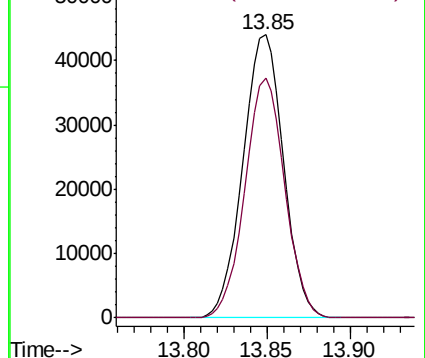
117 100

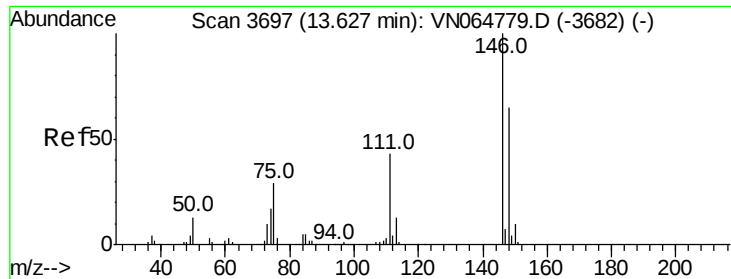
201 83.1 40.1 120.3



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

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

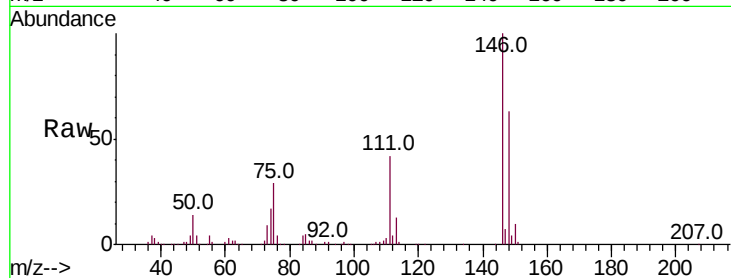




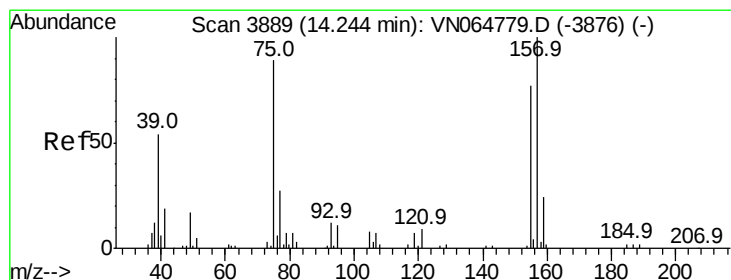
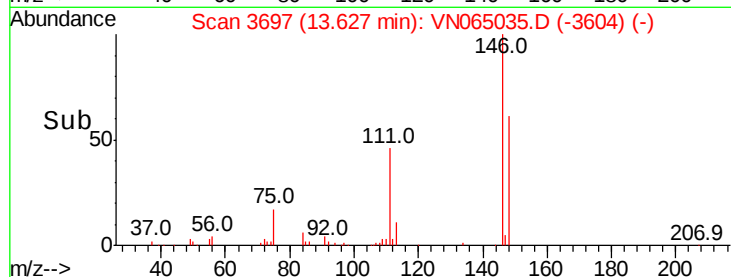
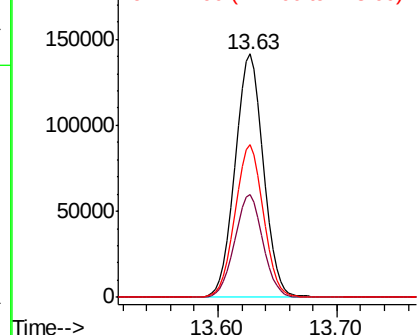
#91
 1,2-Dichlorobenzene
 Concen: 50.540 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 233494
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 62.8 32.0 96.2

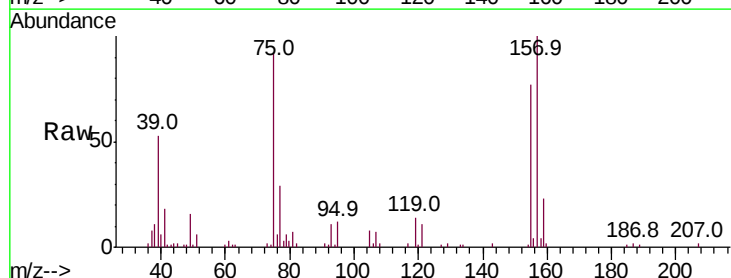


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

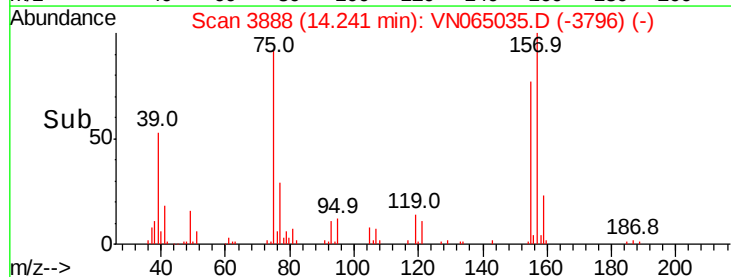
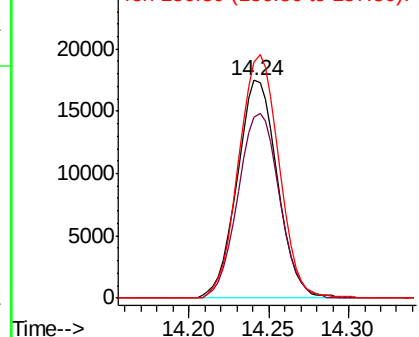


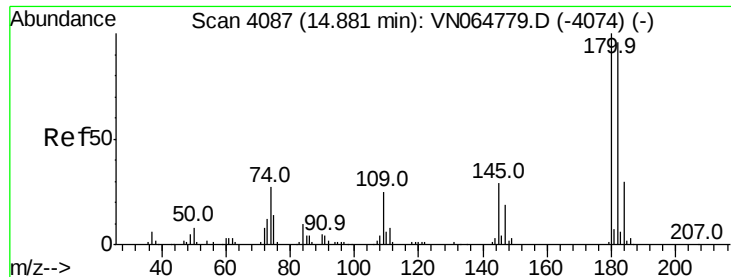
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.253 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion: 75 Resp: 29965
 Ion Ratio Lower Upper
 75 100
 155 87.0 42.8 128.3
 157 112.3 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

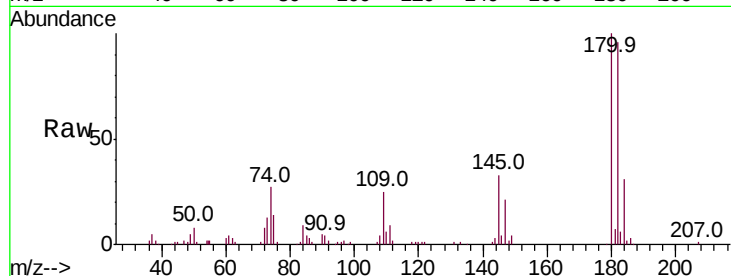




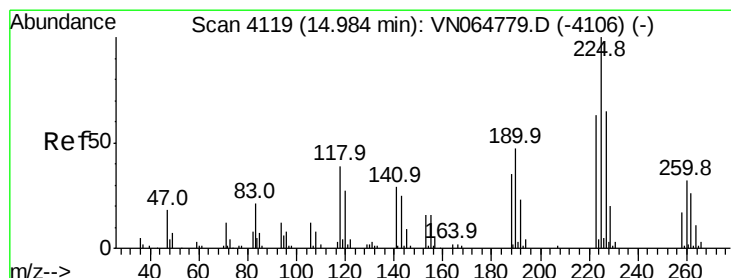
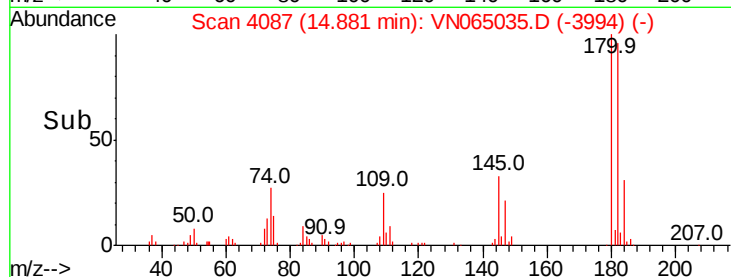
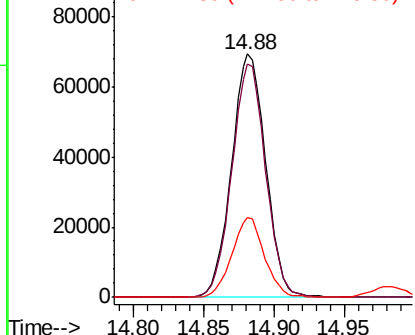
#93
 1,2,4-Trichlorobenzene
 Concen: 41.110 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 117491
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.6 142.9
 145 31.3 15.3 45.8

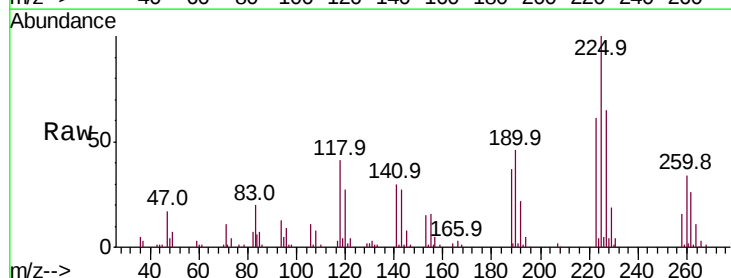


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

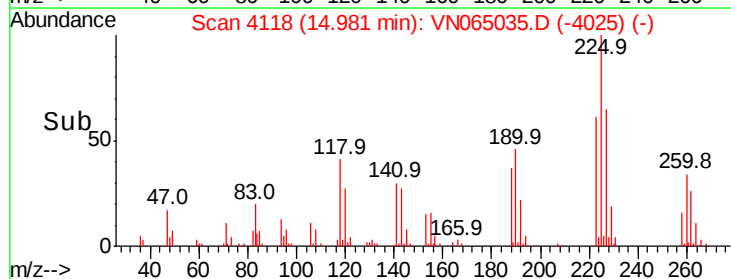
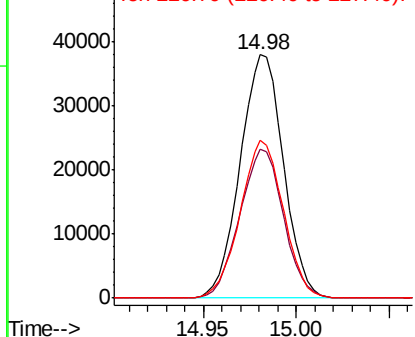


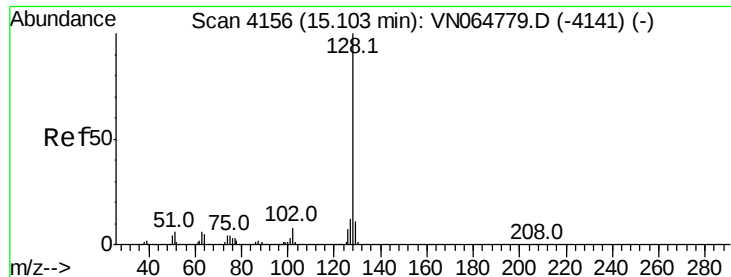
#94
 Hexachlorobutadiene
 Concen: 47.941 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion:225 Resp: 61679
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.0 93.0
 227 64.3 32.0 96.0



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





#95

Naphthalene

Concen: 41.349 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

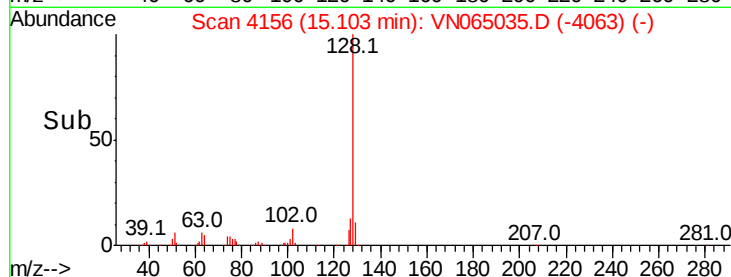
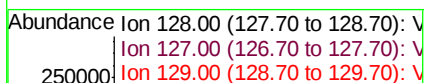
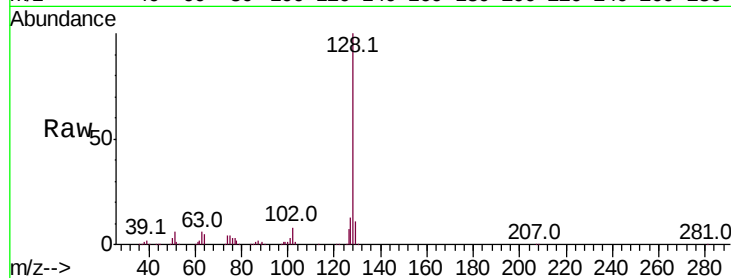
Tot Ion:128 Resp: 354036

Ion Ratio Lower Upper

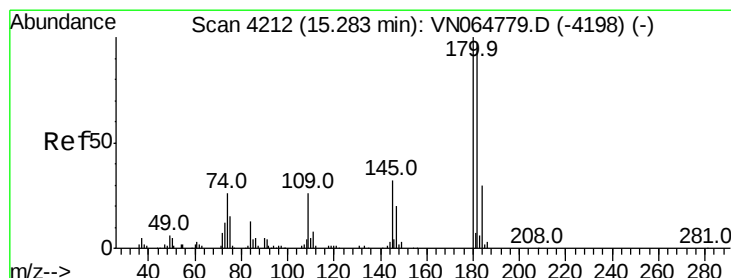
128 100

127 12.8 10.3 15.5

129 10.7 8.7 13.1



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 41.964 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

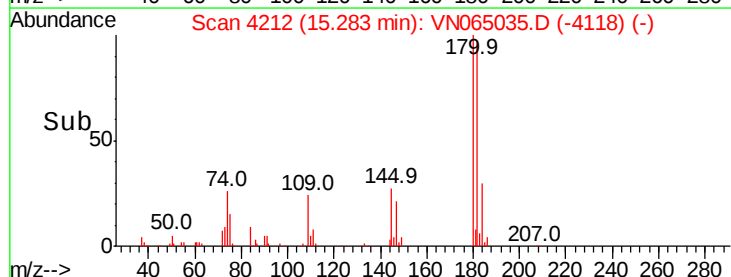
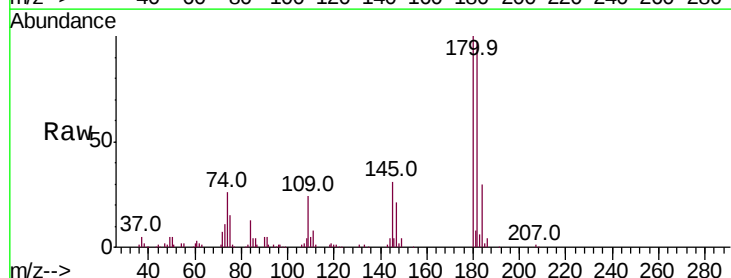
Tgt Ion:180 Resp: 113348

Ion Ratio Lower Upper

180 100

182 95.5 48.1 144.4

145 32.0 16.4 49.1



Time-->