

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064845.D
 Acq On : 25 Nov 2020 9:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 26 03:39:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	200251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	276888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	106965	45.95	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.90%
35) Dibromofluoromethane	7.54	113	94443	52.21	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.42%
50) Toluene-d8	10.06	98	372259	50.37	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.74%
62) 4-Bromofluorobenzene	12.37	95	133559	50.50	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	82630	47.611	ug/l 99
3) Chloromethane	2.04	50	104190	46.197	ug/l 99
4) Vinyl Chloride	2.16	62	113401	48.228	ug/l 96
5) Bromomethane	2.53	94	70476	45.684	ug/l 97
6) Chloroethane	2.67	64	70112	48.210	ug/l 98
7) Trichlorofluoromethane	2.99	101	161564	49.707	ug/l 98
8) Diethyl Ether	3.37	74	63494	49.490	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	99374	50.966	ug/l 98
10) Methyl Iodide	3.90	142	111663	44.152	ug/l 98
11) Tert butyl alcohol	4.74	59	76681	211.204	ug/l 99
12) 1,1-Dichloroethene	3.69	96	96156	49.518	ug/l 98
13) Acrolein	3.56	56	47922	216.092	ug/l 99
14) Allyl chloride	4.27	41	154718	48.308	ug/l 99
15) Acrylonitrile	4.93	53	235827	235.127	ug/l 99
16) Acetone	3.77	43	170583	222.898	ug/l 98
17) Carbon Disulfide	4.00	76	248772	49.618	ug/l 100
18) Methyl Acetate	4.28	43	105468	45.837	ug/l 100
19) Methyl tert-butyl Ether	4.99	73	312454	50.170	ug/l 100
20) Methylene Chloride	4.50	84	113559	47.354	ug/l 98
21) trans-1,2-Dichloroethene	4.98	96	104889	48.641	ug/l 99
22) Diisopropyl ether	5.90	45	333847	52.078	ug/l 99
23) Vinyl Acetate	5.84	43	1329182	259.284	ug/l 100
24) 1,1-Dichloroethane	5.79	63	193911	50.614	ug/l 100
25) 2-Butanone	6.78	43	292198	235.533	ug/l 96
26) 2,2-Dichloropropane	6.77	77	166690	50.166	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	121867	50.223	ug/l 99
28) Bromochloromethane	7.14	49	84610	48.275	ug/l 97
29) Tetrahydrofuran	7.16	42	194125	226.685	ug/l 99
30) Chloroform	7.32	83	196222	49.666	ug/l 99
31) Cyclohexane	7.61	56	162606	50.114	ug/l 95
32) 1,1,1-Trichloroethane	7.52	97	170054	50.115	ug/l 99
36) 1,1-Dichloropropene	7.75	75	148587	53.030	ug/l 99
37) Ethyl Acetate	6.88	43	125018	46.320	ug/l 100
38) Carbon Tetrachloride	7.73	117	153824	52.763	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	168121	55.738	ug/l	97
40) Benzene	8.00	78	446428	51.994	ug/l	97
41) Methacrylonitrile	7.12	41	58761	47.183	ug/l	94
42) 1,2-Dichloroethane	8.08	62	147605	50.960	ug/l	100
43) Isopropyl Acetate	8.13	43	211939	48.800	ug/l	99
44) Trichloroethene	8.80	130	127746	50.426	ug/l	98
45) 1,2-Dichloropropane	9.08	63	119780	53.870	ug/l	99
46) Dibromomethane	9.17	93	77255	52.008	ug/l	97
47) Bromodichloromethane	9.37	83	156354	52.311	ug/l	99
48) Methyl methacrylate	9.16	41	104539	50.374	ug/l	98
49) 1,4-Dioxane	9.16	88	39000	994.319	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	636115	243.972	ug/l	100
52) Toluene	10.12	92	285796	54.050	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	173096	51.995	ug/l	97
54) cis-1,3-Dichloropropene	9.80	75	191300	53.611	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	111827	51.430	ug/l	98
56) Ethyl methacrylate	10.40	69	160040	53.338	ug/l	98
57) 1,3-Dichloropropane	10.68	76	186415	51.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	405397	245.623	ug/l	100
59) 2-Hexanone	10.72	43	466670	248.698	ug/l	100
60) Dibromochloromethane	10.87	129	128914	53.337	ug/l	97
61) 1,2-Dibromoethane	10.97	107	114083	51.643	ug/l	98
64) Tetrachloroethene	10.60	164	130097	48.294	ug/l	99
65) Chlorobenzene	11.40	112	314014	52.810	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	116810	53.455	ug/l	99
67) Ethyl Benzene	11.48	91	545055	54.871	ug/l	99
68) m/p-Xylenes	11.59	106	426809	113.488	ug/l	98
69) o-Xylene	11.92	106	201191	56.374	ug/l	99
70) Styrene	11.94	104	346672	57.541	ug/l	98
71) Bromoform	12.10	173	86883	49.780	ug/l #	99
73) Isopropylbenzene	12.22	105	543156	56.218	ug/l	99
74) N-amyl acetate	12.04	43	185253	48.723	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	140816	49.726	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	202543	67.710	ug/l #	100
77) Bromobenzene	12.50	156	135482	52.014	ug/l	98
78) n-propylbenzene	12.56	91	610169	55.438	ug/l	99
79) 2-Chlorotoluene	12.65	91	361028	53.065	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	457242	56.937	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	54711	50.128	ug/l	100
82) 4-Chlorotoluene	12.75	91	384022	53.850	ug/l	100
83) tert-Butylbenzene	12.96	119	379970	56.449	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	469625	57.839	ug/l	98
85) sec-Butylbenzene	13.14	105	513551	57.462	ug/l	99
86) p-Isopropyltoluene	13.26	119	478352	58.789	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	245654	53.083	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	248422	50.760	ug/l	99
89) n-Butylbenzene	13.59	91	403421	56.457	ug/l	99
90) Hexachloroethane	13.85	117	78949	55.853	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	235898	51.915	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28020	43.975	ug/l	98

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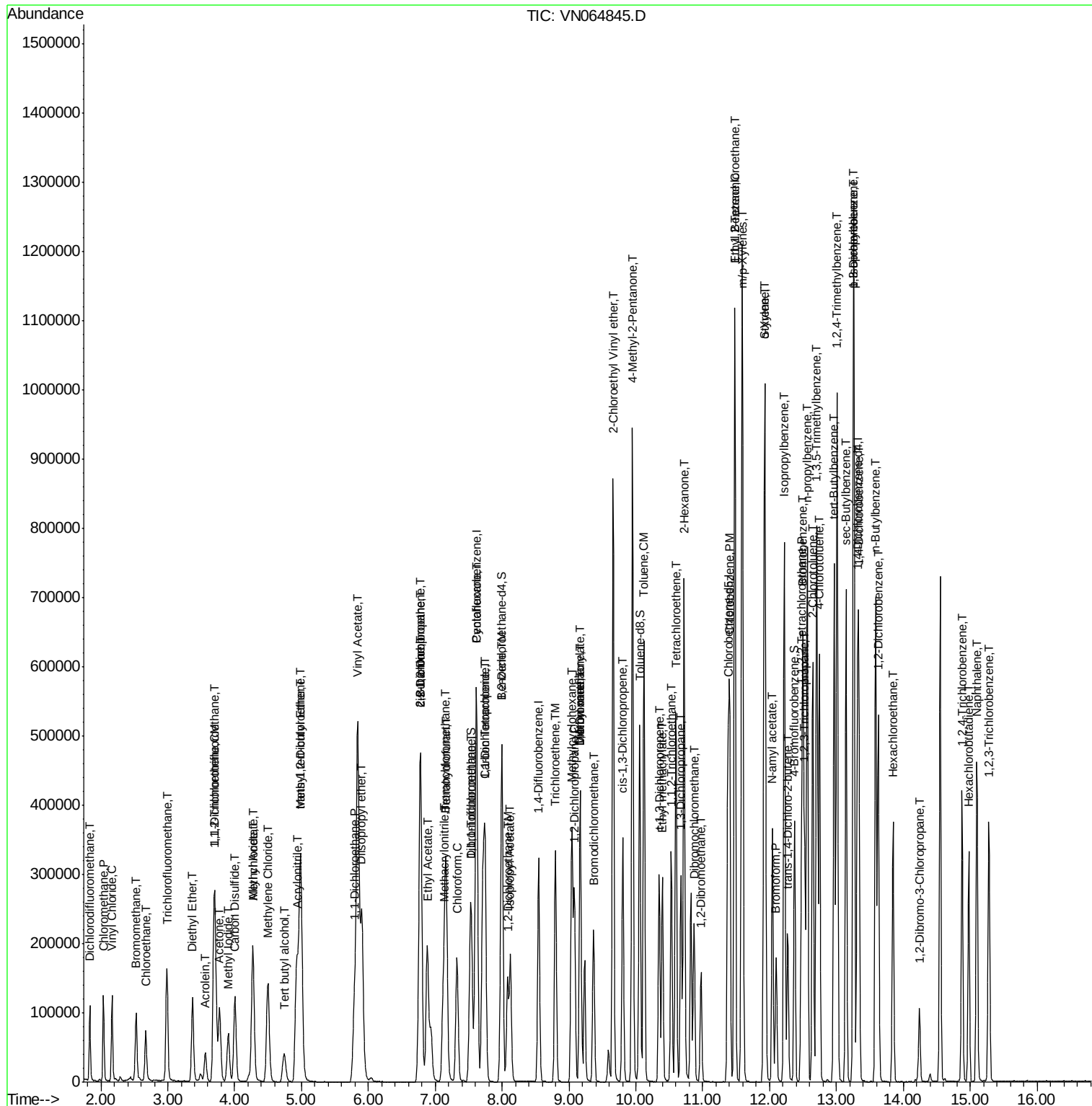
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	141377	50.295	ug/l	100
94) Hexachlorobutadiene	14.98	225	68082	53.758	ug/l	99
95) Naphthalene	15.10	128	405815	48.190	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	132755	49.706	ug/l	99

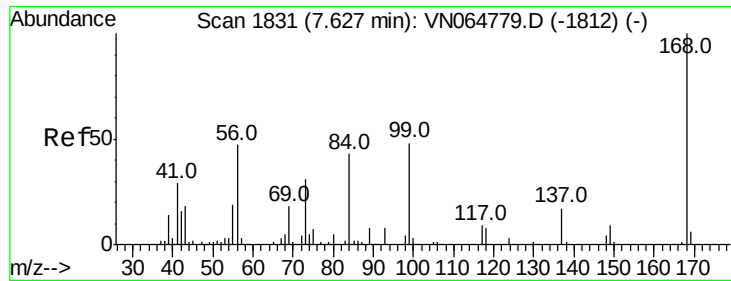
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

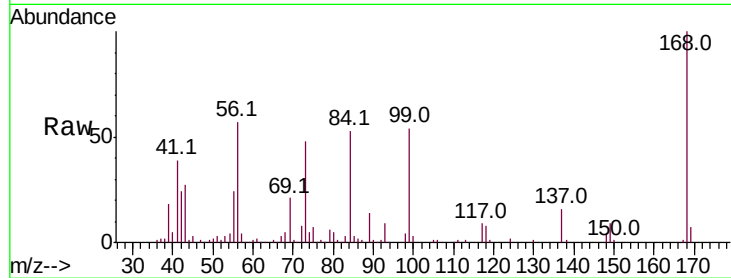
VSTDCCC050

Tot Ion:168 Resp: 200251

Ion Ratio Lower Upper

168 100

99 54.4 43.0 64.4

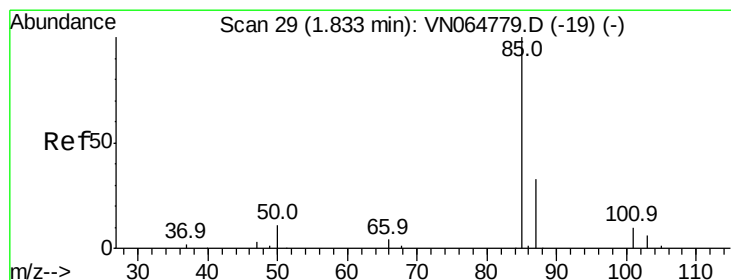
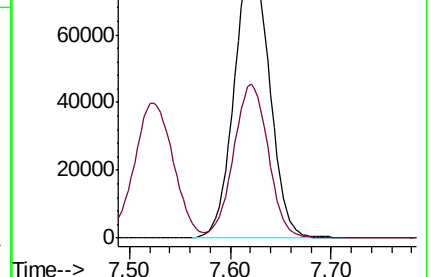
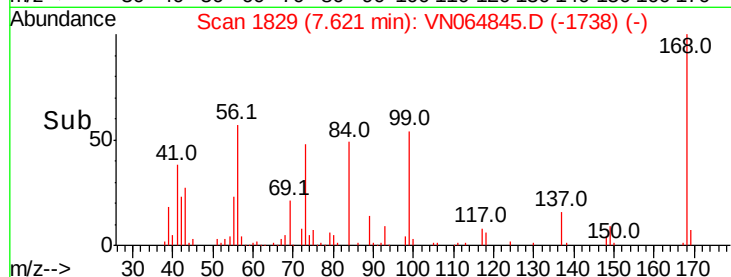


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

Time-->



#2

Dichlorodifluoromethane

Concen: 47.611 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064845.D

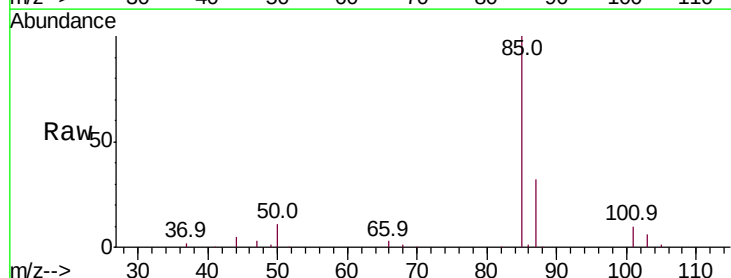
Acq: 25 Nov 2020 9:37

Tgt Ion: 85 Resp: 82630

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.4

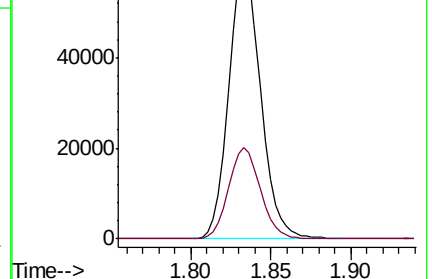
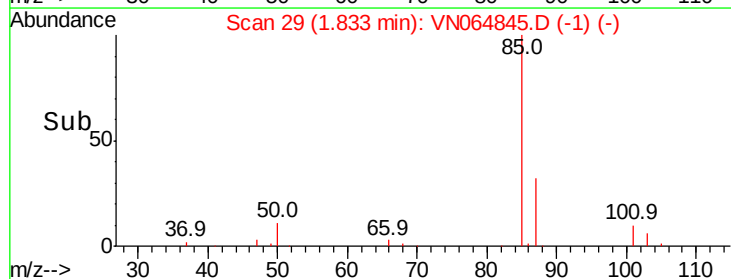


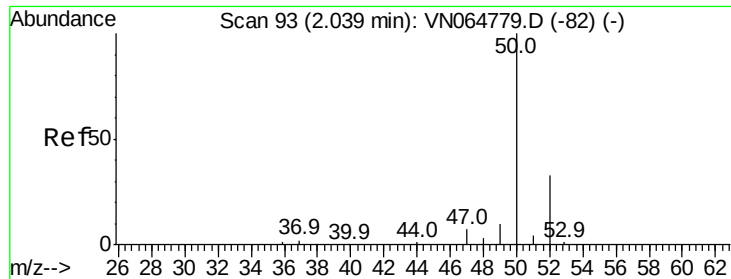
Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

Time-->

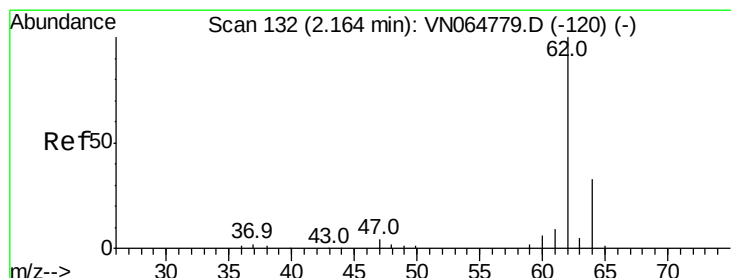
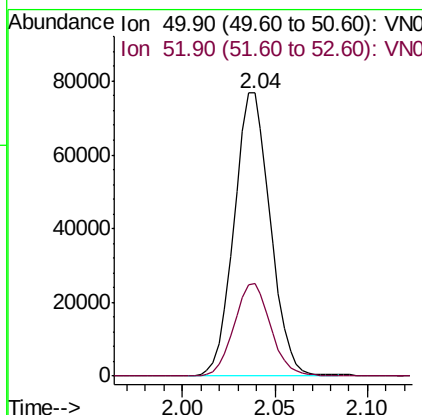
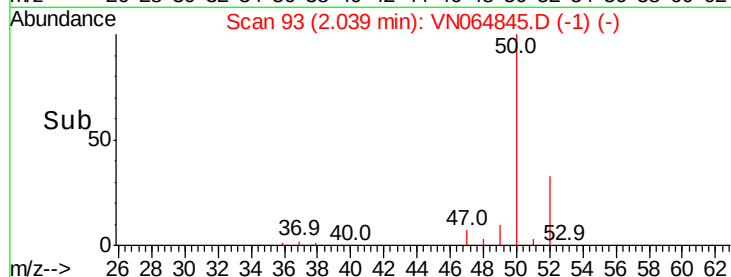
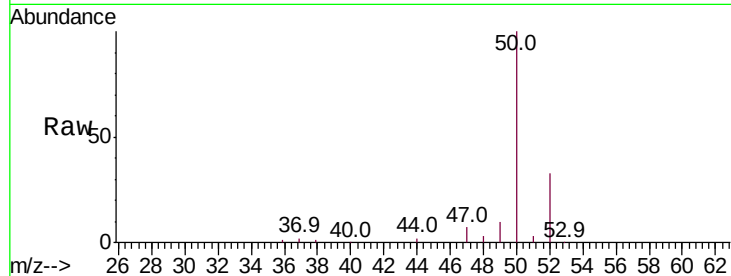




#3
 Chloromethane
 Concen: 46.197 ug/l
 RT: 2.04 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

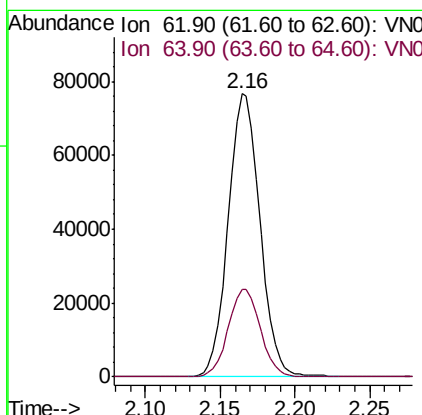
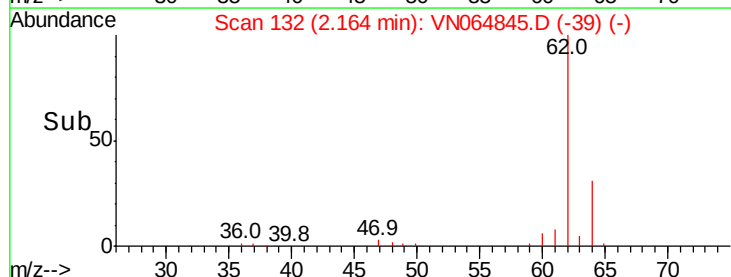
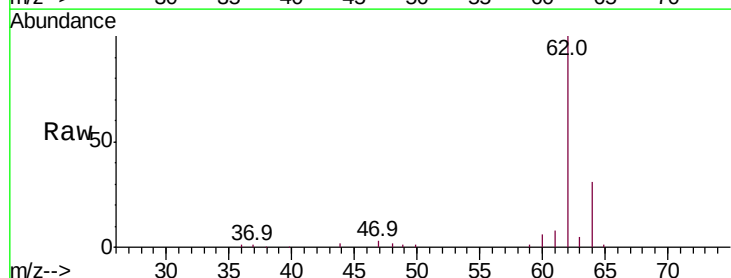
Instrument :
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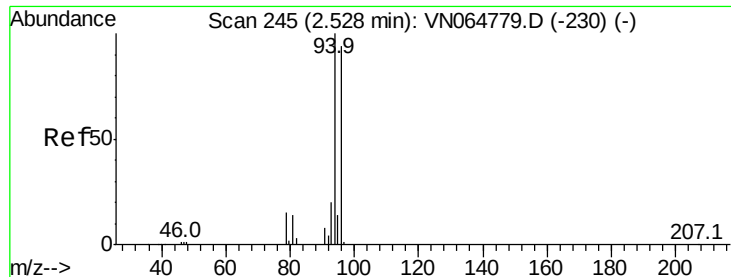
Tot Ion: 50 Resp: 104190
 Ion Ratio Lower Upper
 50 100
 52 32.7 26.6 39.8



#4
 Vinyl Chloride
 Concen: 48.228 ug/l
 RT: 2.16 min Scan# 132
 Delta R.T. 0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Tgt Ion: 62 Resp: 113401
 Ion Ratio Lower Upper
 62 100
 64 30.9 26.5 39.7





#5

Bromomethane

Concen: 45.684 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

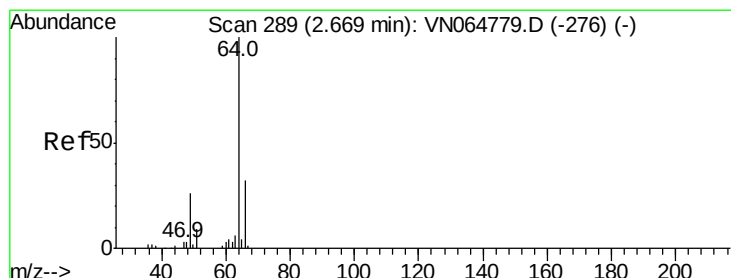
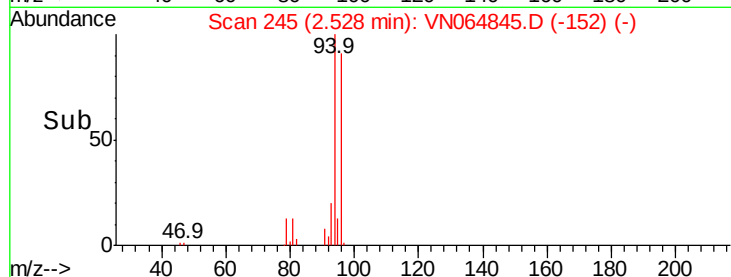
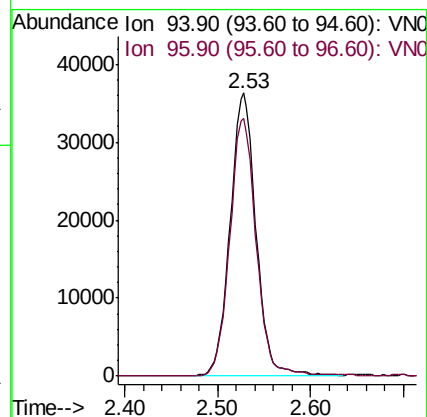
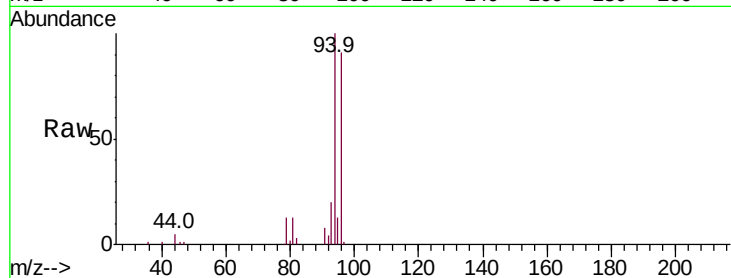
VSTDCCC050

Tot Ion: 94 Resp: 70476

Ion Ratio Lower Upper

94 100

96 90.9 75.4 113.0



#6

Chloroethane

Concen: 48.210 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064845.D

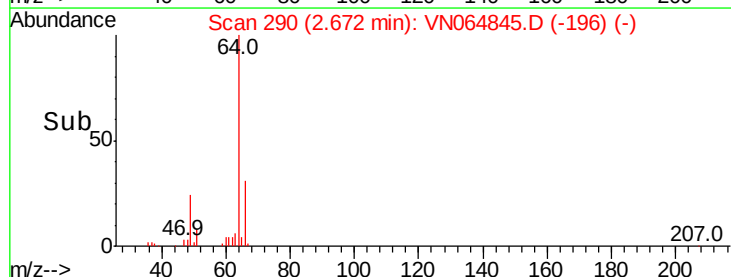
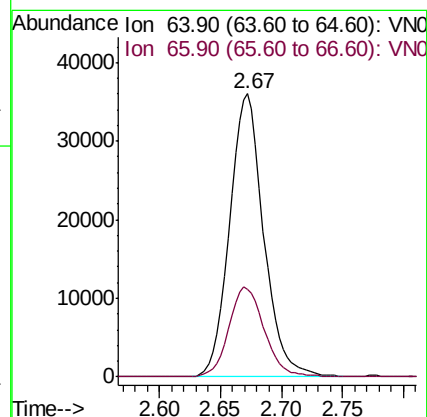
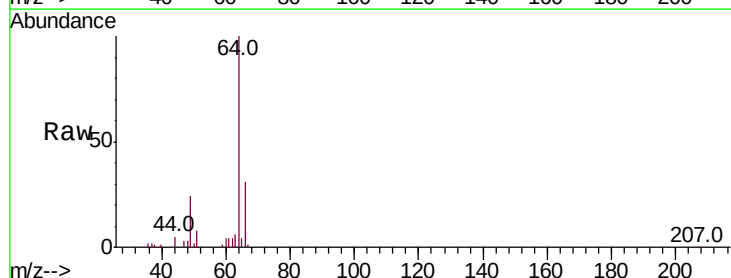
Acq: 25 Nov 2020 9:37

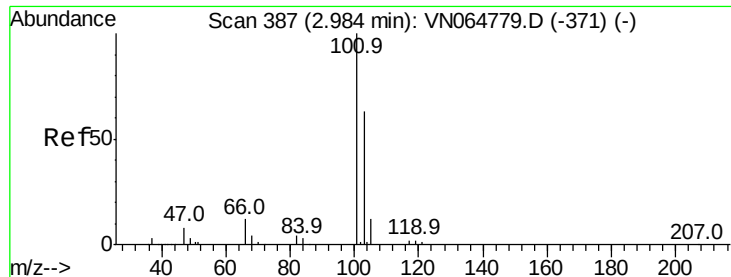
Tgt Ion: 64 Resp: 70112

Ion Ratio Lower Upper

64 100

66 31.1 25.6 38.4



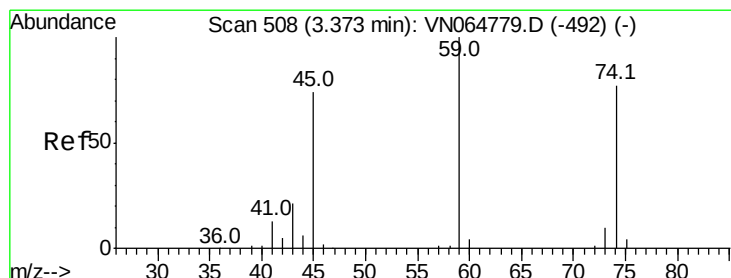
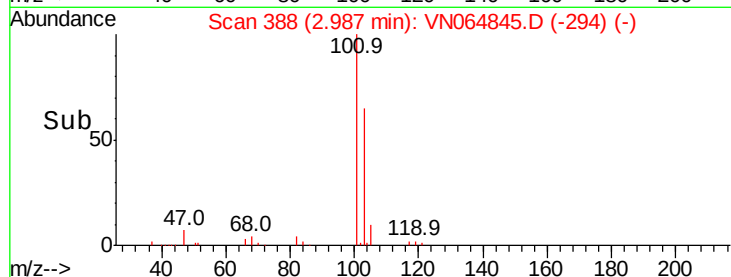
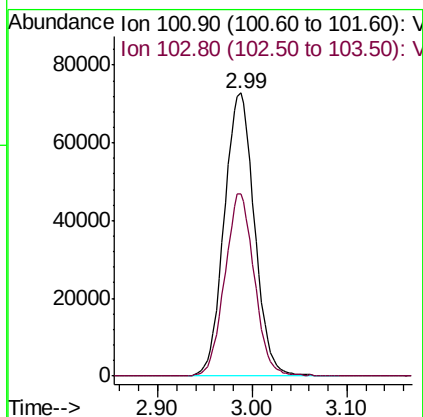
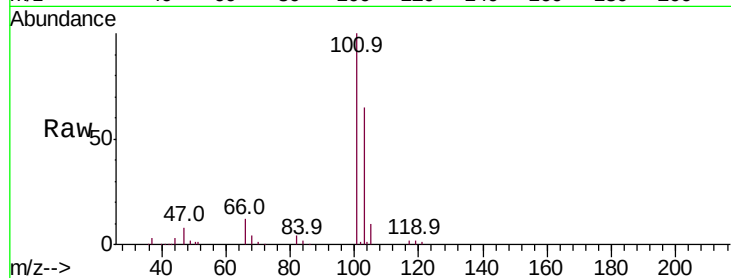


#7

Trichlorofluoromethane
Concen: 49.707 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064845.D
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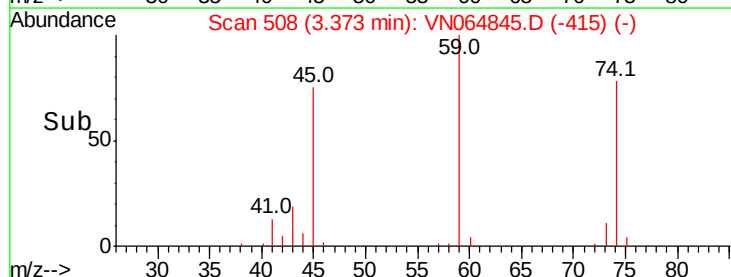
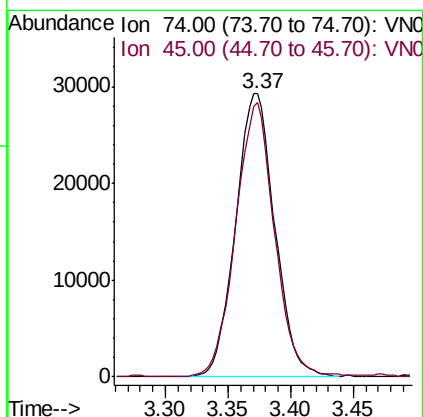
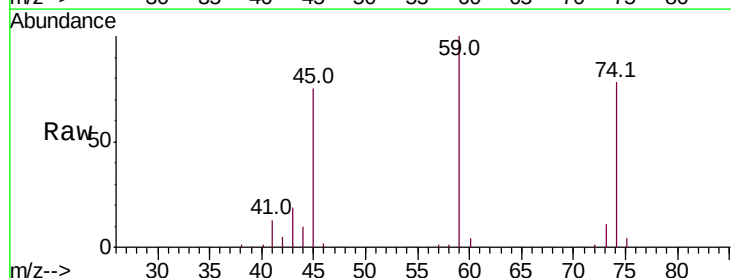
Tot Ion:101 Resp: 161564
Ion Ratio Lower Upper
101 100
103 64.5 50.5 75.7

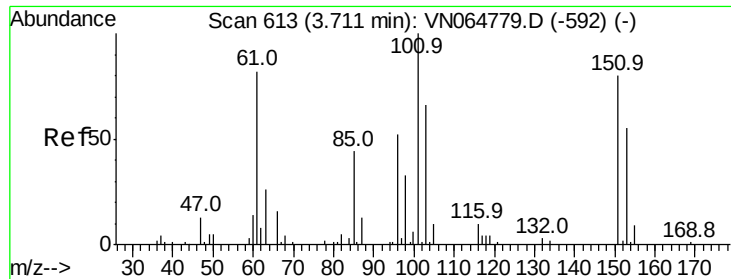


#8

Diethyl Ether
Concen: 49.490 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Tgt Ion: 74 Resp: 63494
Ion Ratio Lower Upper
74 100
45 96.5 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.966 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

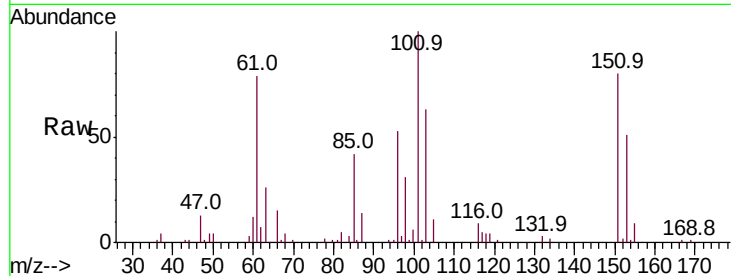
Tot Ion:101 Resp: 99374

Ion Ratio Lower Upper

101 100

85 43.6 34.4 51.6

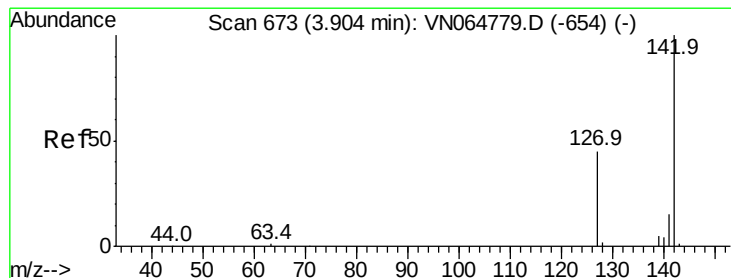
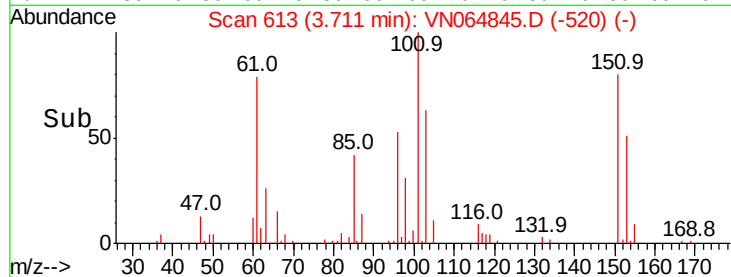
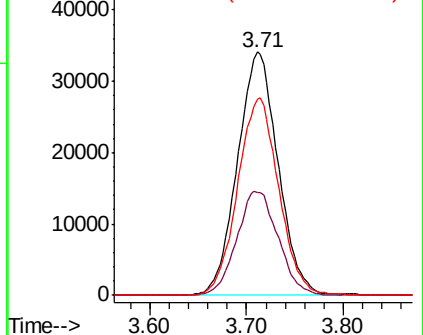
151 82.1 64.0 96.0



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: 44.152 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

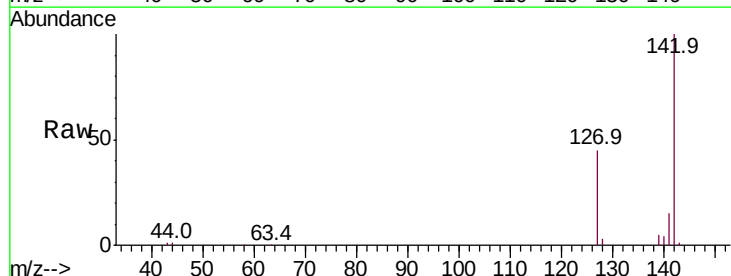
Tgt Ion:142 Resp: 111663

Ion Ratio Lower Upper

142 100

127 42.9 35.0 52.6

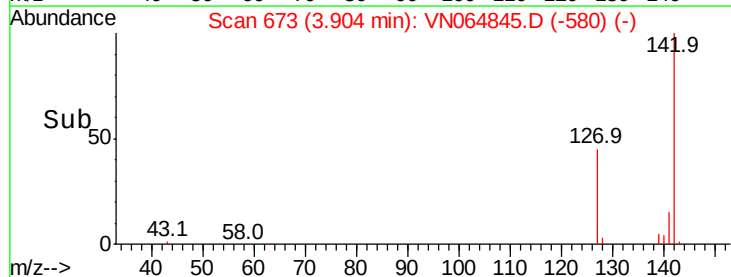
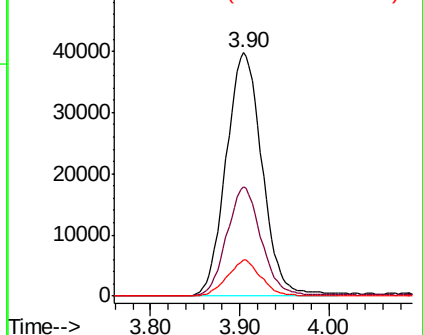
141 13.8 11.8 17.6

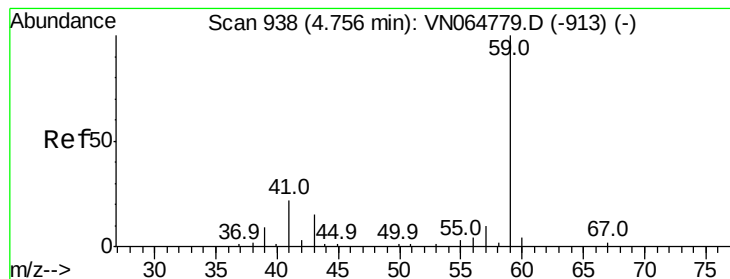


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



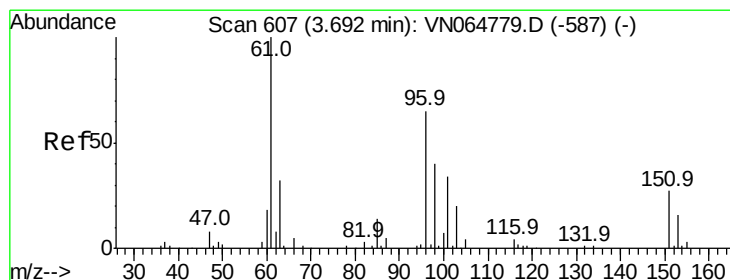
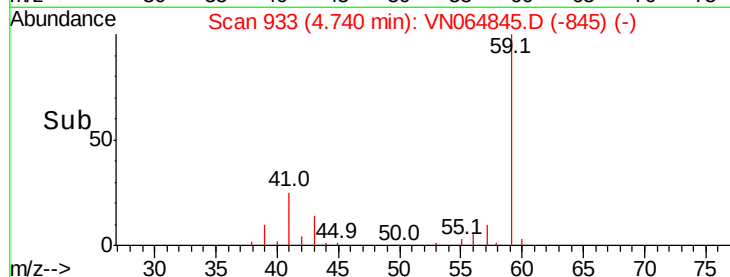
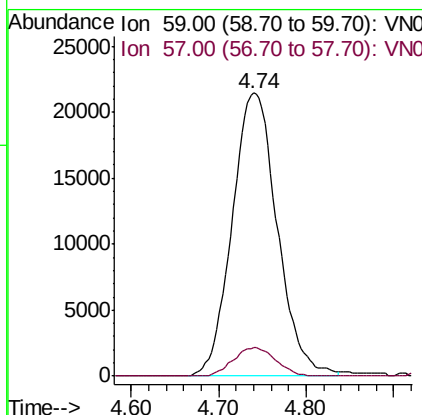
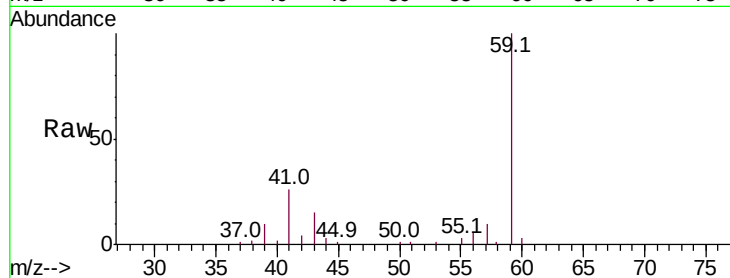


#11

Tert butyl alcohol
 Concen: 211.204 ug/l
 RT: 4.74 min Scan# 933
 Delta R.T. -0.02 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

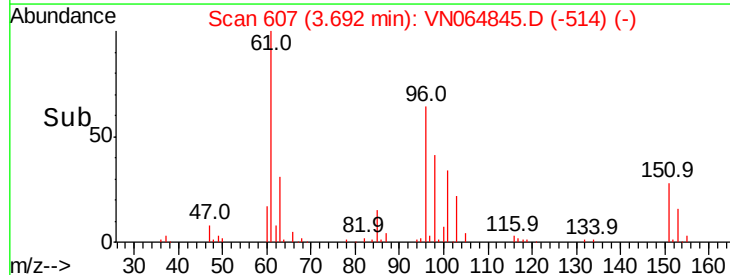
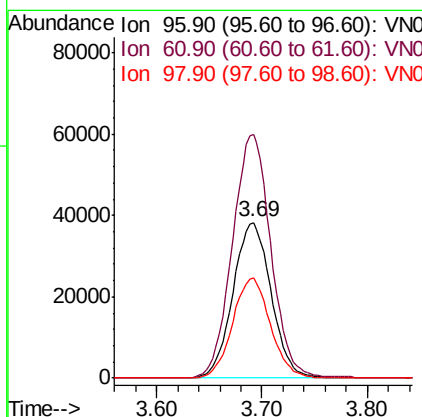
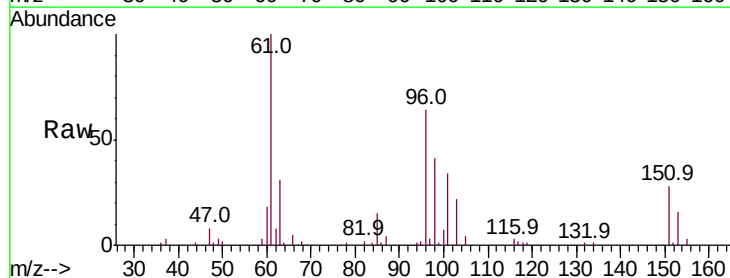
Tot Ion: 59 Resp: 76681
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.9 11.9

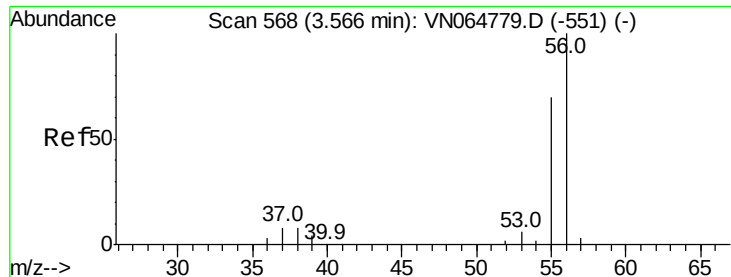


#12

1,1-Dichloroethene
 Concen: 49.518 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Tgt Ion: 96 Resp: 96156
 Ion Ratio Lower Upper
 96 100
 61 156.8 123.4 185.2
 98 64.3 49.8 74.8





#13

Acrolein

Concen: 216.092 ug/l

RT: 3.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

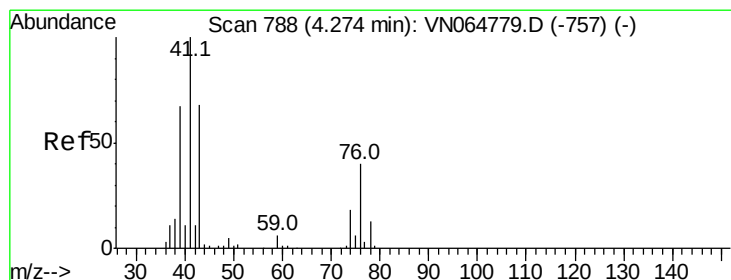
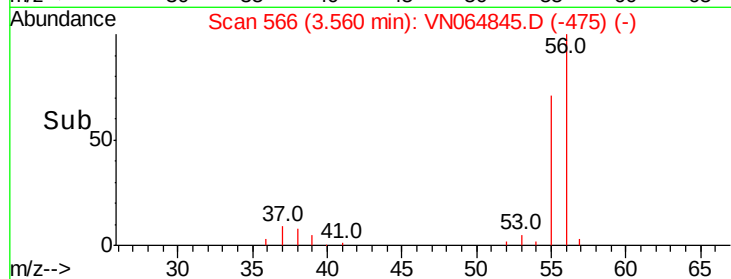
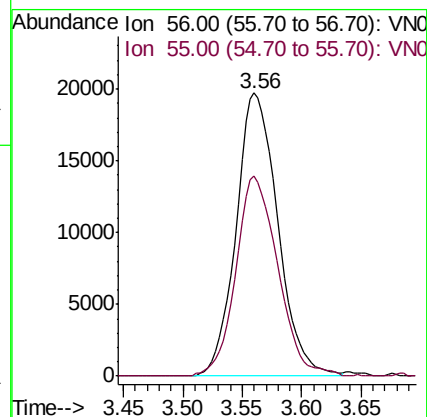
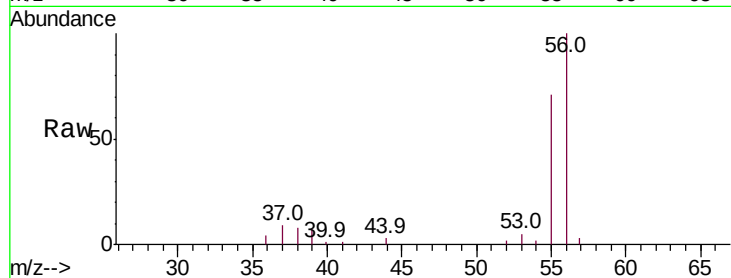
VSTDCCC050

Tot Ion: 56 Resp: 47922

Ion Ratio Lower Upper

56 100

55 71.1 56.5 84.7



#14

Allyl chloride

Concen: 48.308 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

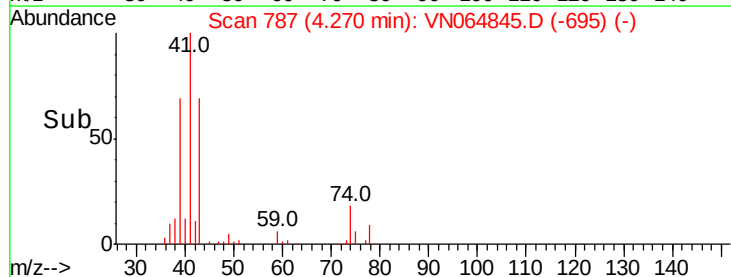
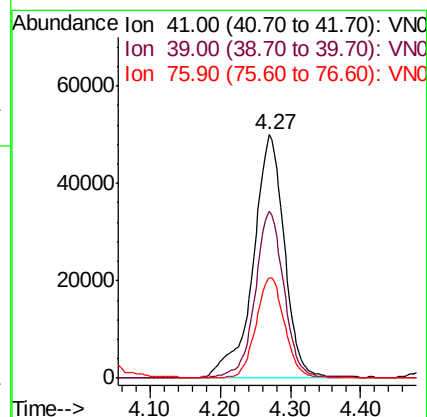
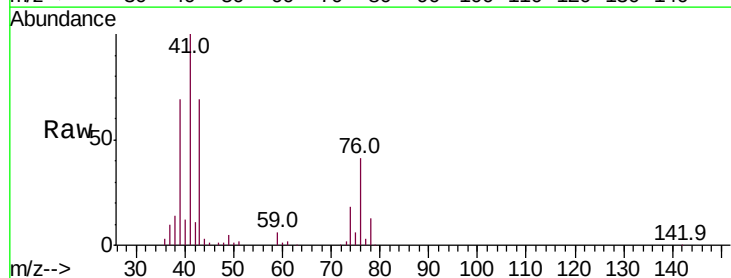
Tgt Ion: 41 Resp: 154718

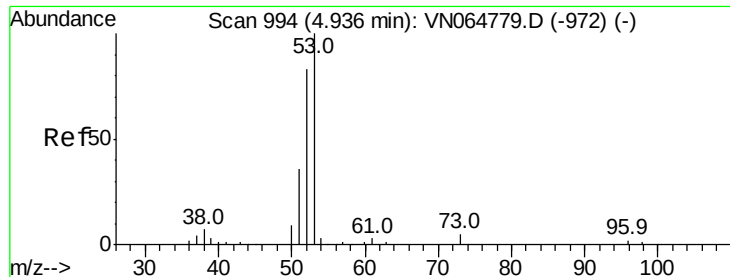
Ion Ratio Lower Upper

41 100

39 63.3 50.9 76.3

76 36.7 29.0 43.4



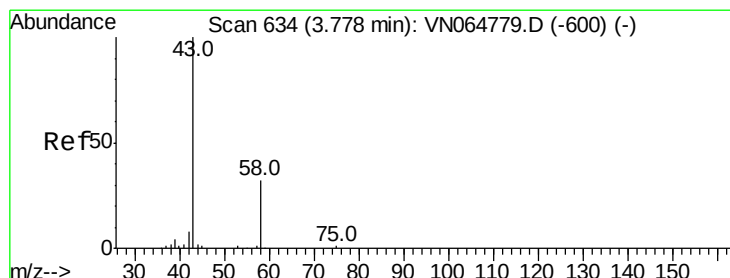
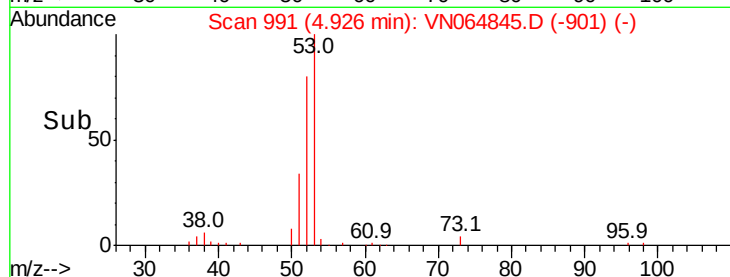
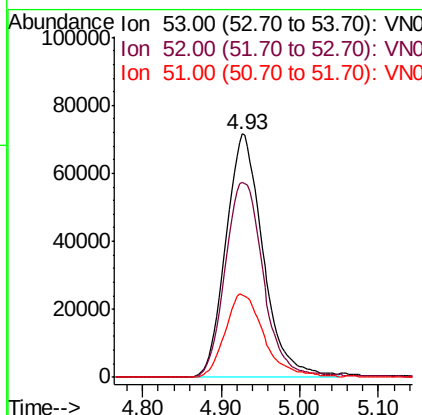
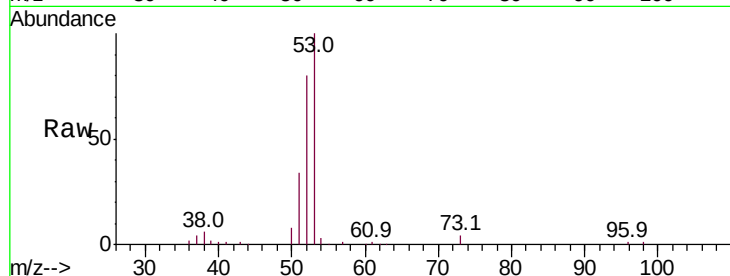


#15
 Acrylonitrile
 Concen: 235.127 ug/l
 RT: 4.93 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 53 Resp: 235827

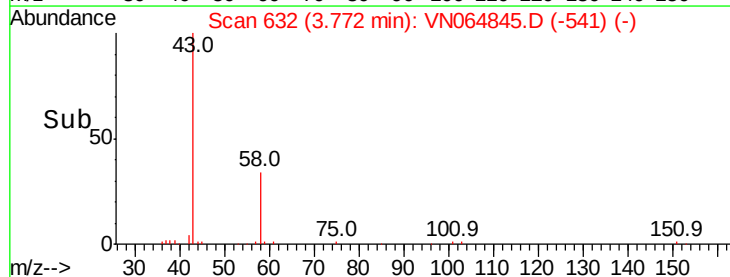
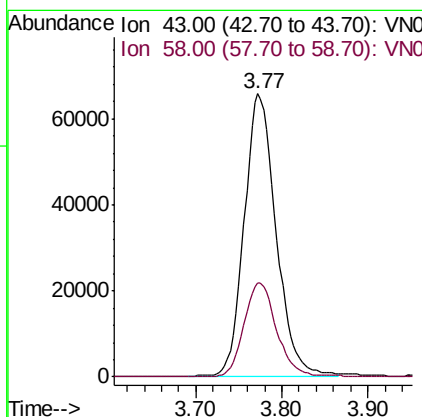
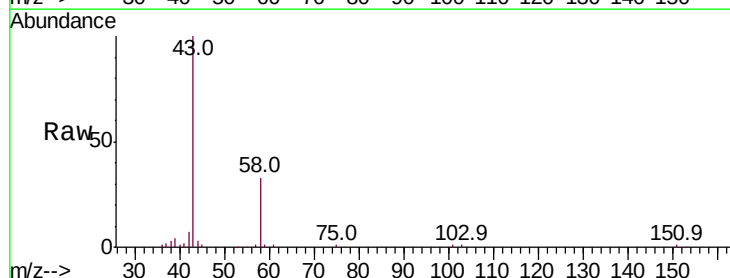
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.5	98.3
51	35.9	28.6	43.0

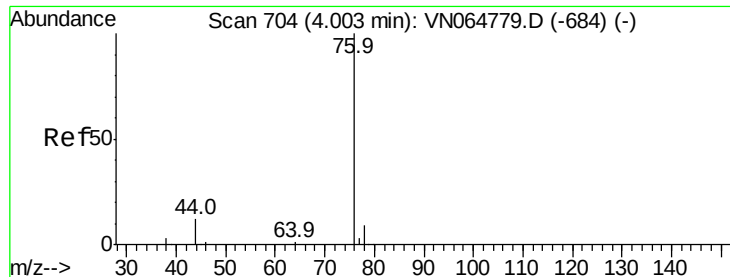


#16
 Acetone
 Concen: 222.898 ug/l
 RT: 3.77 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Tgt Ion: 43 Resp: 170583

Ion	Ratio	Lower	Upper
43	100		
58	33.4	25.7	38.5





#17

Carbon Disulfide

Concen: 49.618 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

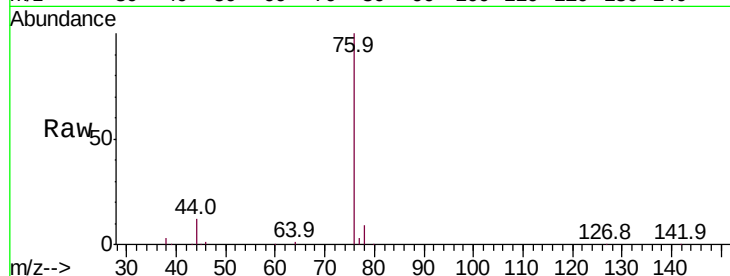
VSTDCCC050

Tot Ion: 76 Resp: 248772

Ion Ratio Lower Upper

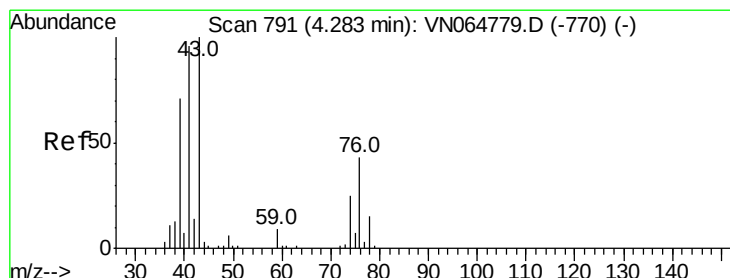
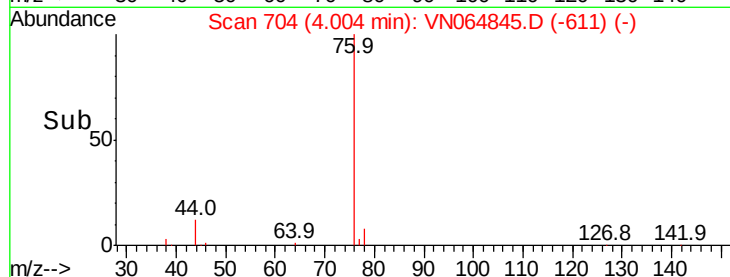
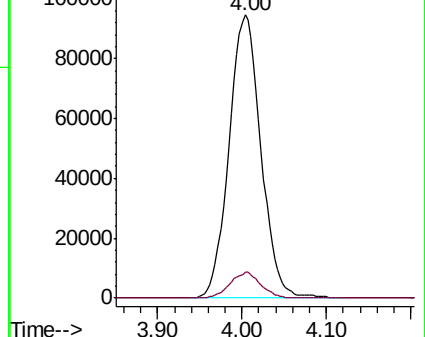
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN064779.D (-684) (-)

Ion 77.90 (77.60 to 78.60): VN064779.D (-684) (-)



#18

Methyl Acetate

Concen: 45.837 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN064845.D

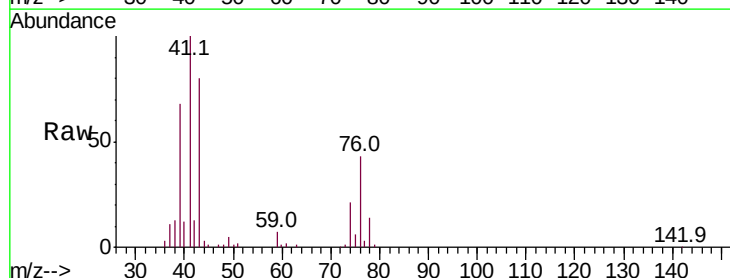
Acq: 25 Nov 2020 9:37

Tgt Ion: 43 Resp: 105468

Ion Ratio Lower Upper

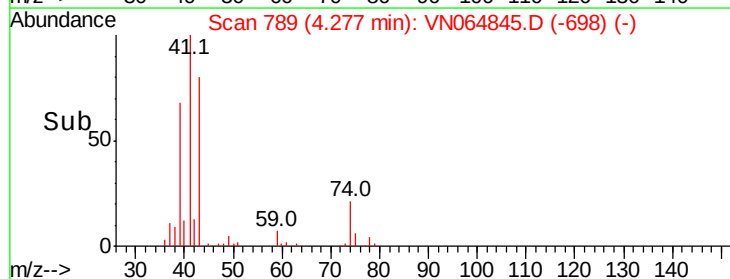
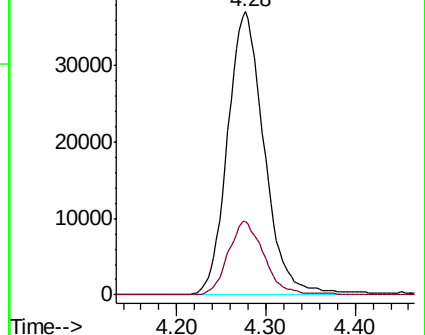
43 100

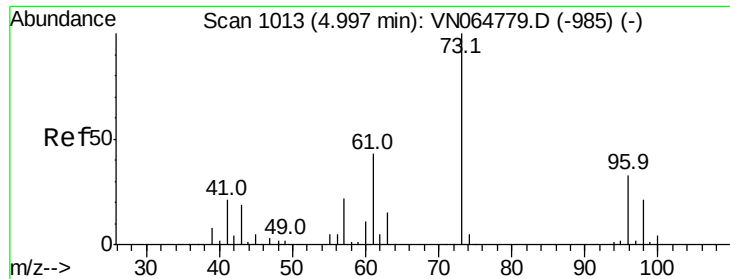
74 25.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.30): VN064779.D (-770) (-)

Ion 74.00 (73.70 to 74.30): VN064779.D (-770) (-)

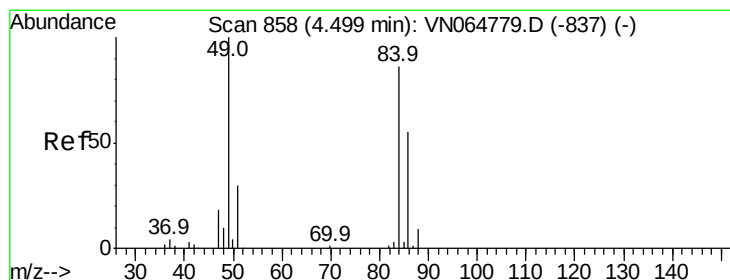
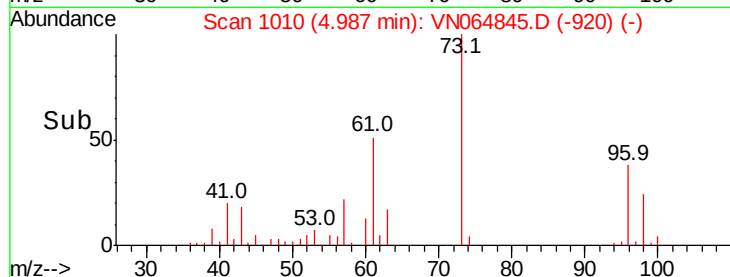
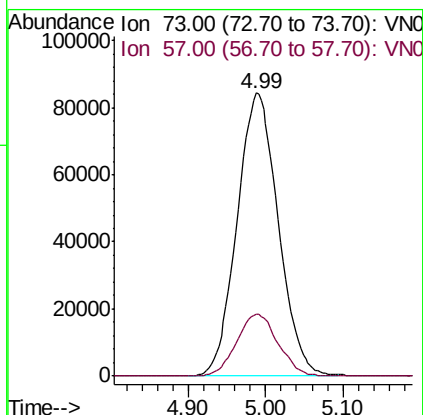
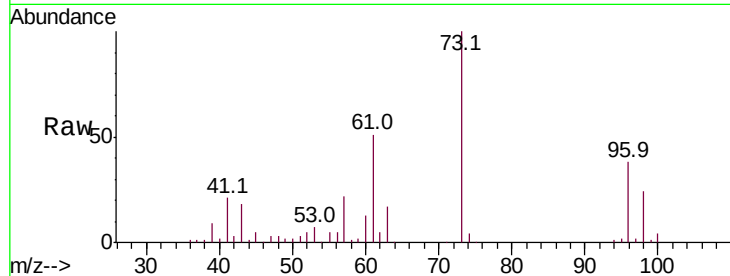




#19
Methyl tert-butyl Ether
Concen: 50.170 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

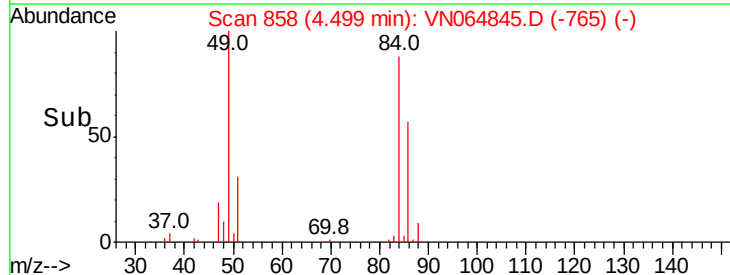
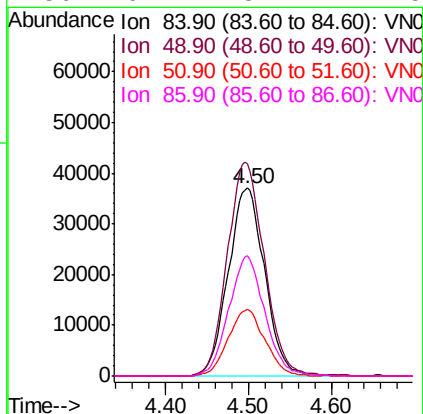
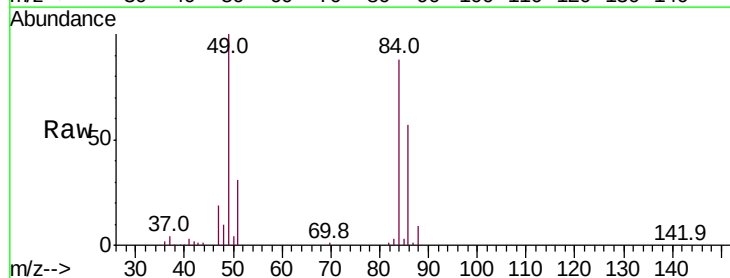
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

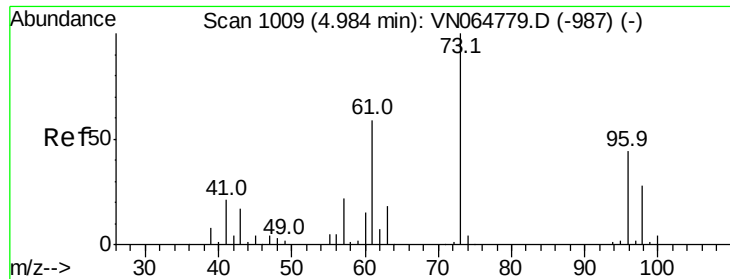
Tot Ion: 73 Resp: 312454
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0



#20
Methylene Chloride
Concen: 47.354 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Tgt Ion: 84 Resp: 113559
Ion Ratio Lower Upper
84 100
49 113.0 93.4 140.0
51 35.2 28.2 42.4
86 64.2 51.7 77.5

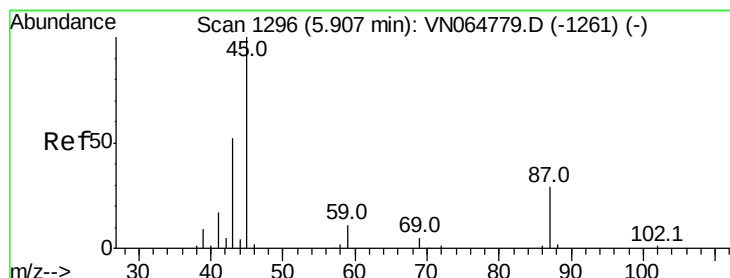
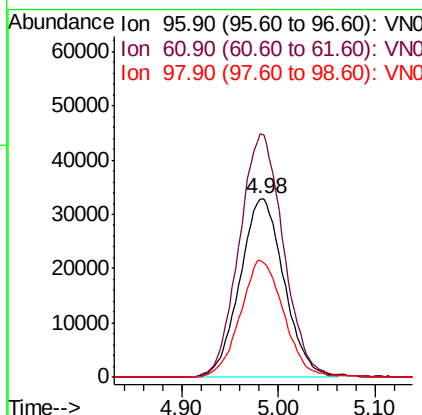
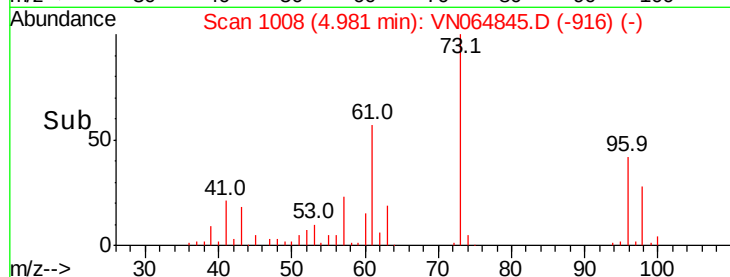
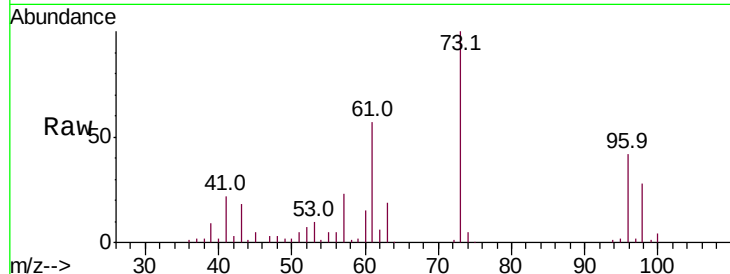




#21
trans-1,2-Dichloroethene
Concen: 48.641 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

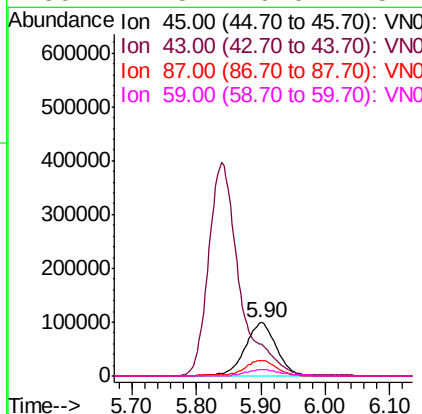
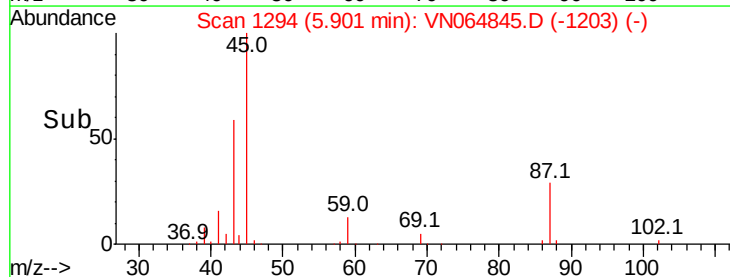
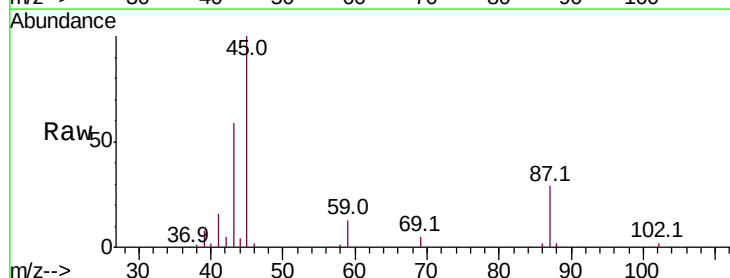
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

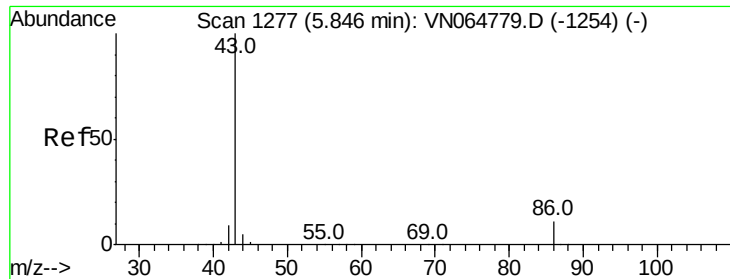
Tot Ion: 96 Resp: 104889
Ion Ratio Lower Upper
96 100
61 136.0 108.4 162.6
98 65.6 51.3 76.9



#22
Diisopropyl ether
Concen: 52.078 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Tgt Ion: 45 Resp: 333847
Ion Ratio Lower Upper
45 100
43 57.6 46.2 69.2
87 29.3 24.1 36.1
59 12.3 9.0 13.4





#23

Vinyl Acetate

Concen: 259.284 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

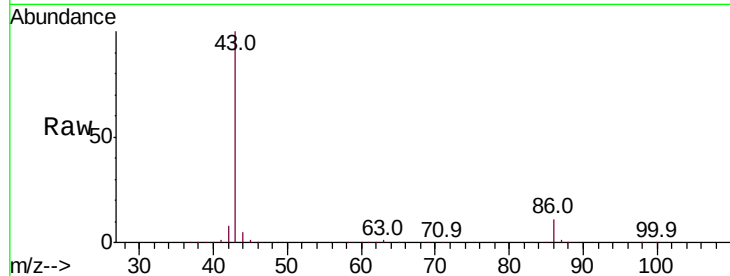
VSTDCCC050

Tot Ion: 43 Resp: 1329182

Ion Ratio Lower Upper

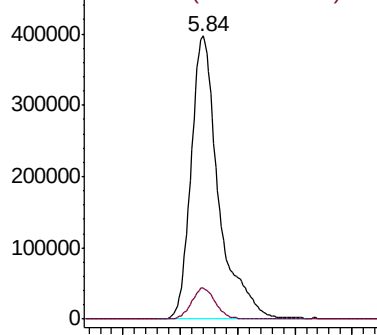
43 100

86 11.0 8.9 13.3

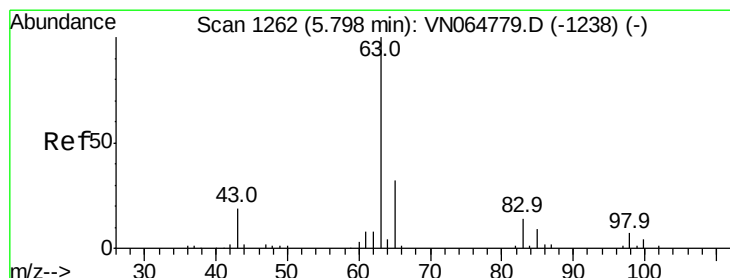
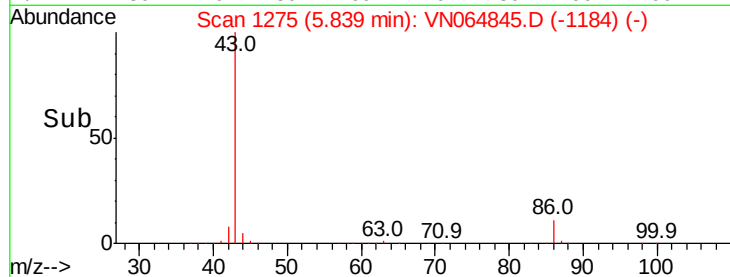


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 50.614 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

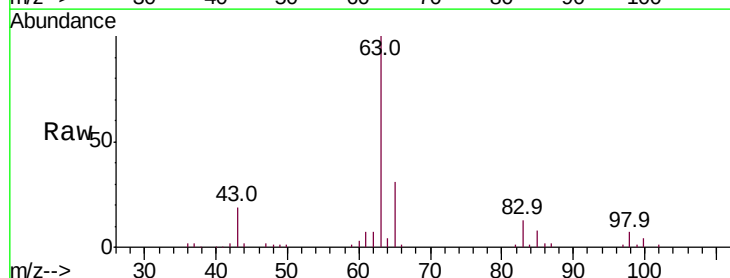
Tgt Ion: 63 Resp: 193911

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

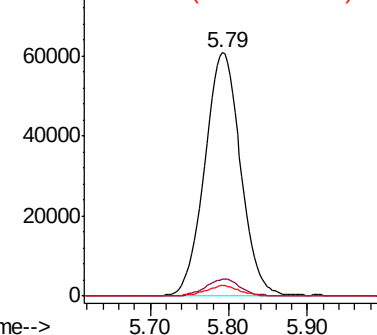
100 4.4 2.3 6.8



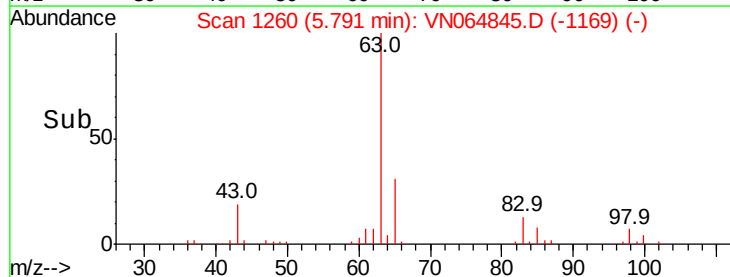
Abundance Ion 62.90 (62.60 to 63.60): VN0

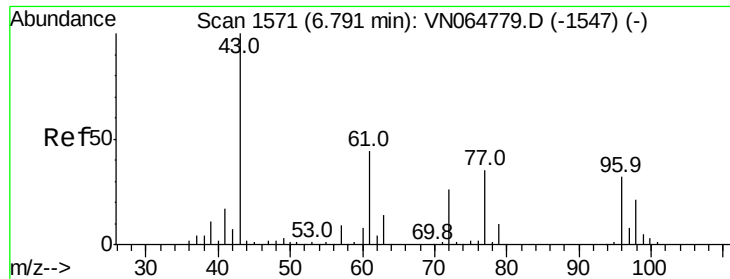
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->

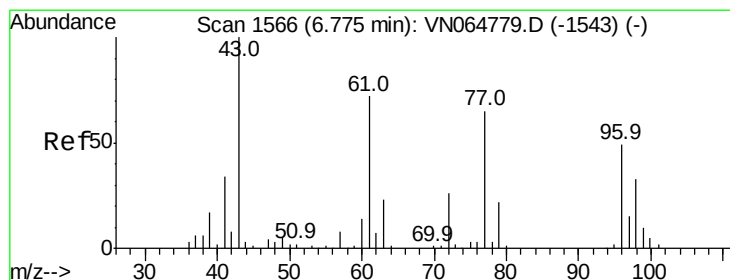
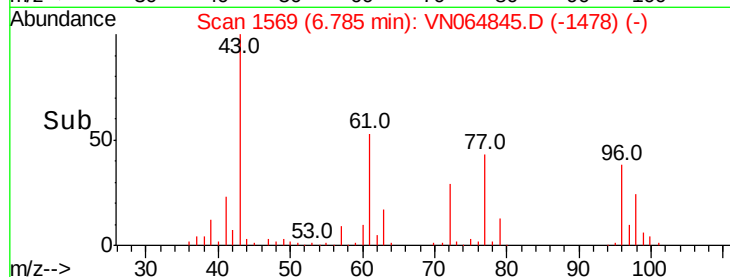
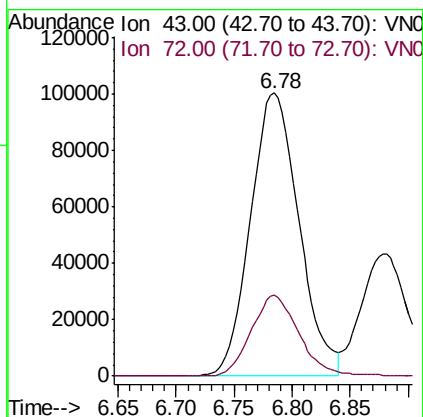
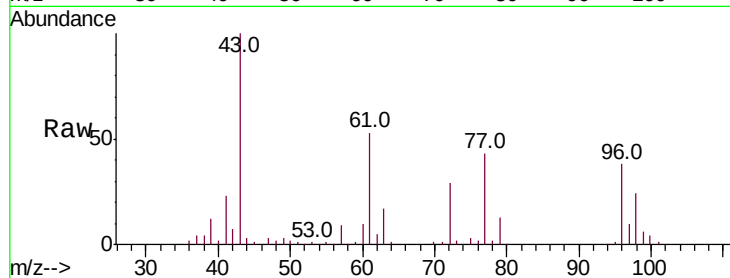




#25
2-Butanone
Concen: 235.533 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

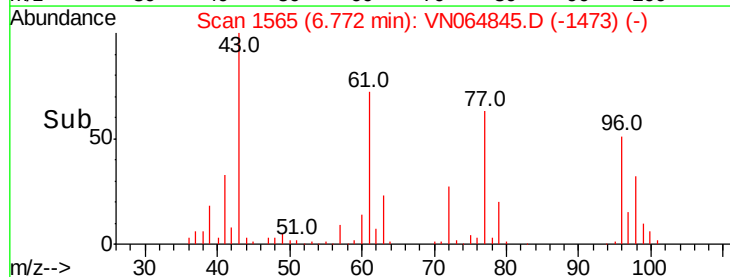
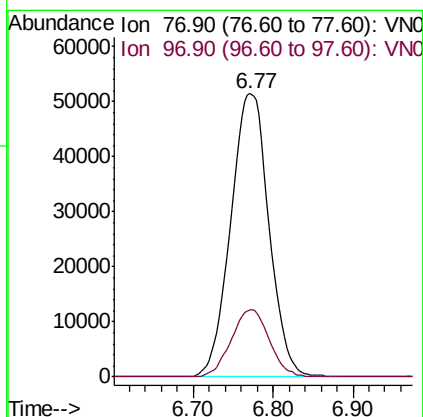
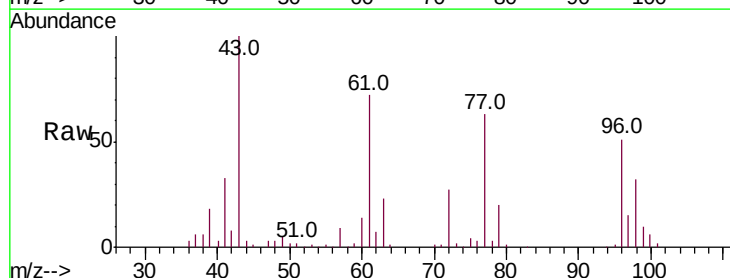
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

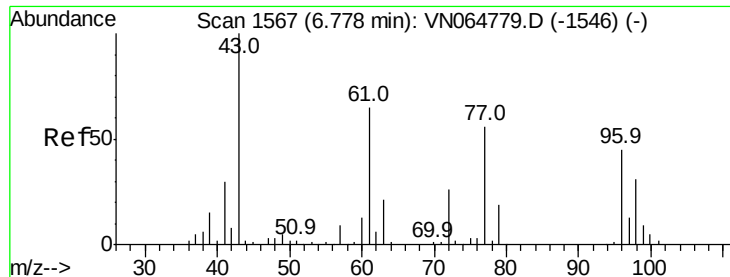
Tot Ion: 43 Resp: 292198
Ion Ratio Lower Upper
43 100
72 28.6 21.0 31.6



#26
2,2-Dichloropropane
Concen: 50.166 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Tgt Ion: 77 Resp: 166690
Ion Ratio Lower Upper
77 100
97 23.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.223 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

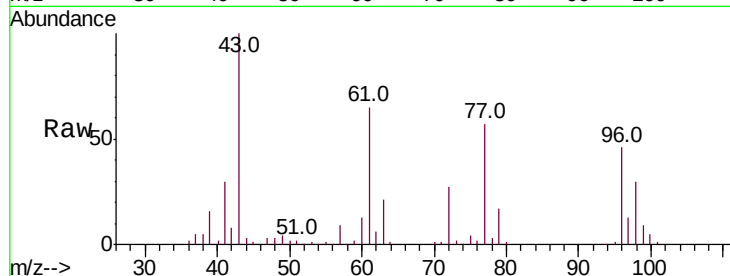
Tot Ion: 96 Resp: 121867

Ion Ratio Lower Upper

96 100

61 144.6 0.0 285.8

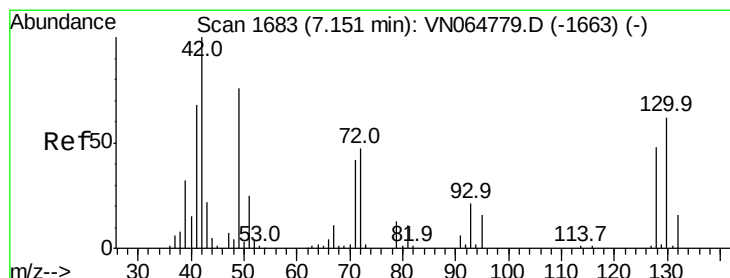
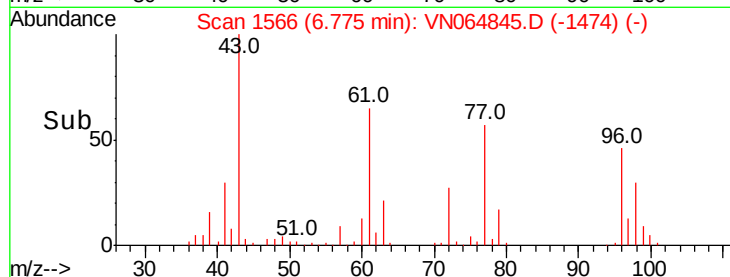
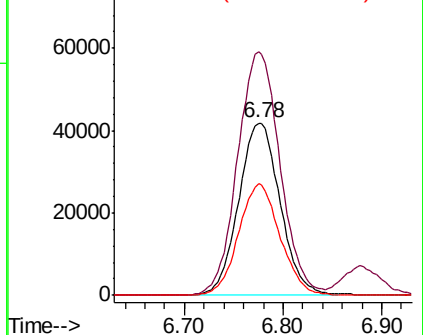
98 64.6 0.0 130.6



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: 48.275 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

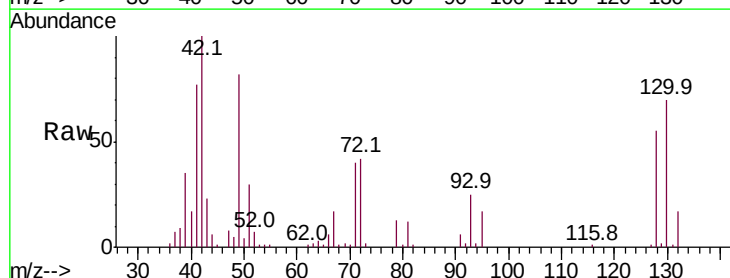
Tgt Ion: 49 Resp: 84610

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

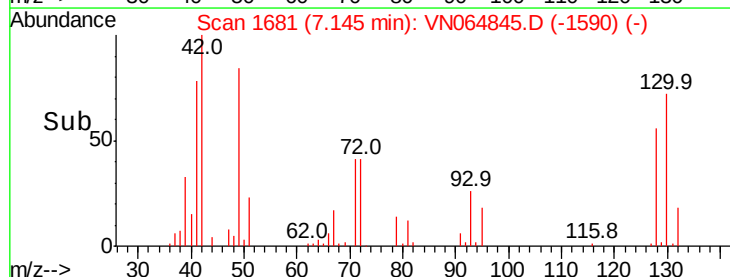
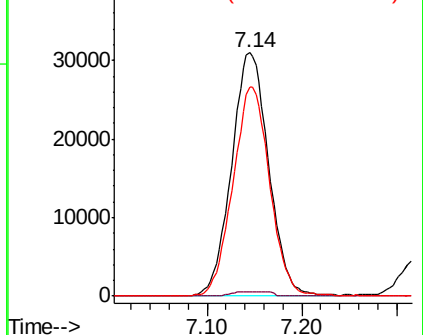
130 85.1 66.2 99.2

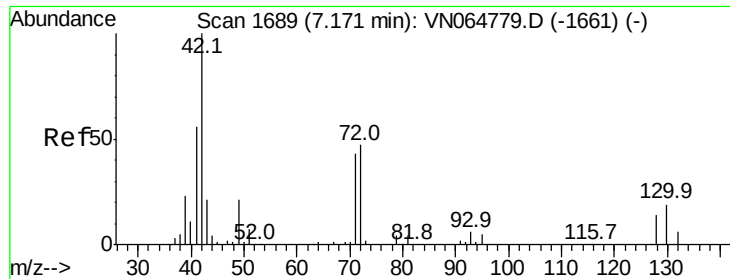


Abundance Ion 48.90 (48.60 to 49.60): VN064779.D (-1663) (-)

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: 226.685 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

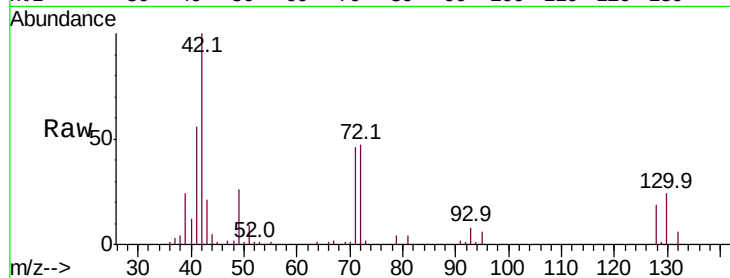
Tot Ion: 42 Resp: 194125

Ion Ratio Lower Upper

42 100

72 45.8 36.6 54.8

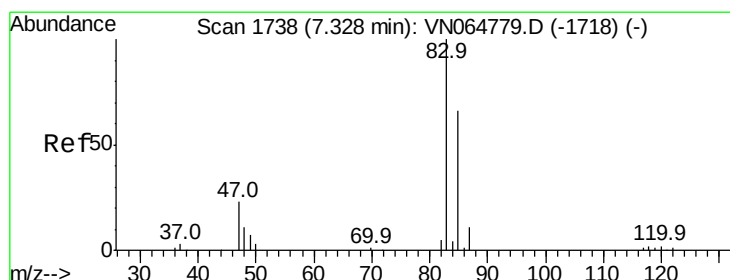
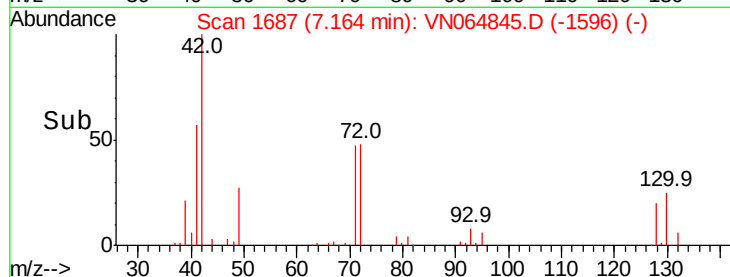
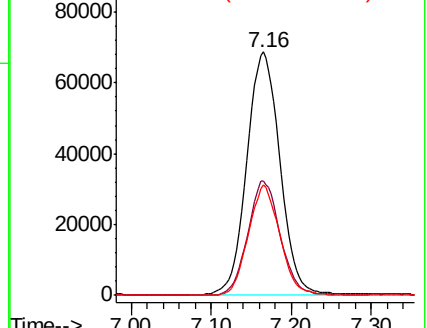
71 43.0 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.666 ug/l

RT: 7.32 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064845.D

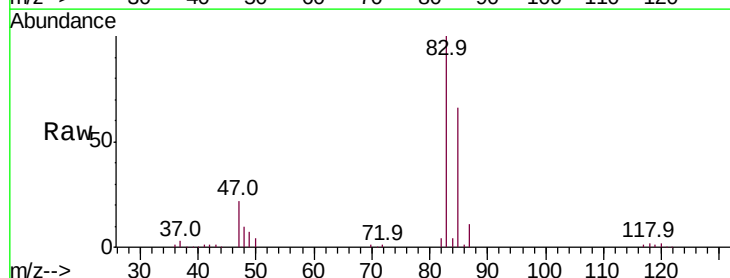
Acq: 25 Nov 2020 9:37

Tgt Ion: 83 Resp: 196222

Ion Ratio Lower Upper

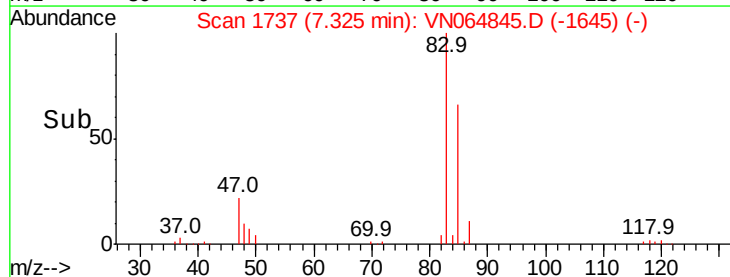
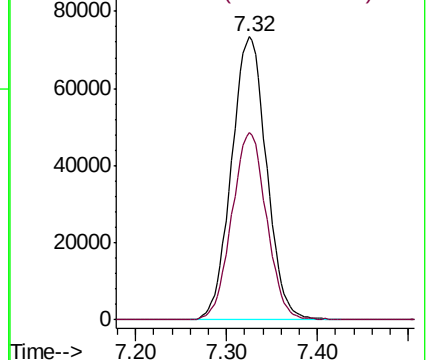
83 100

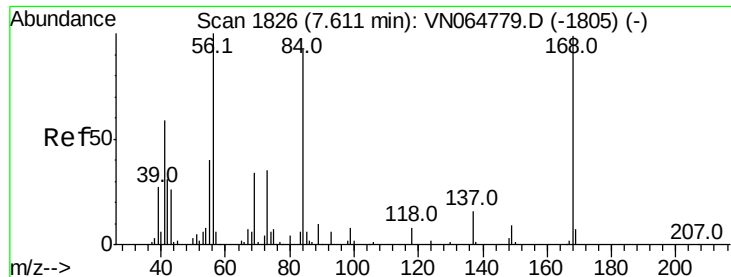
85 66.1 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

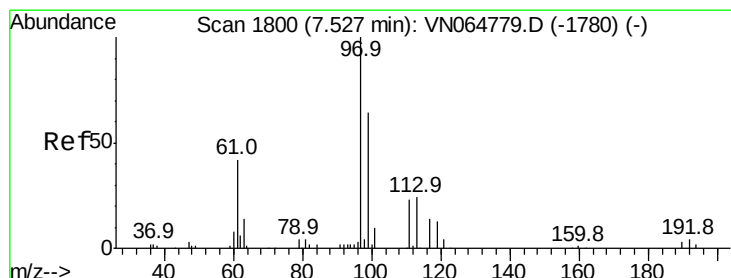
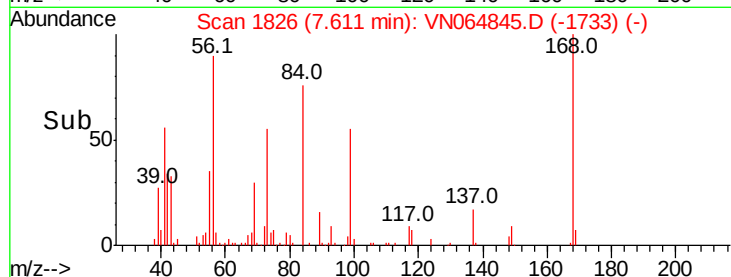
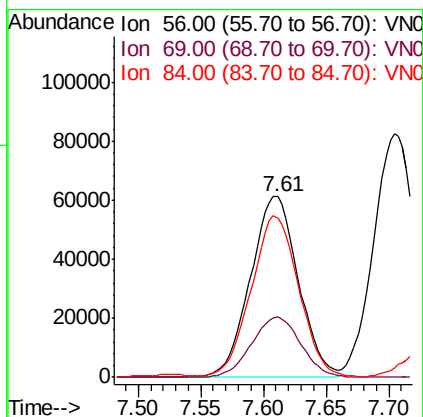
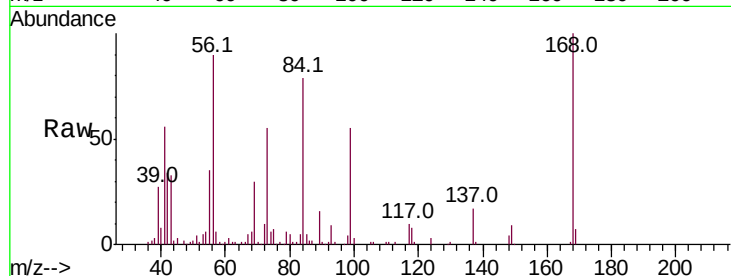




#31
Cyclohexane
Concen: 50.114 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

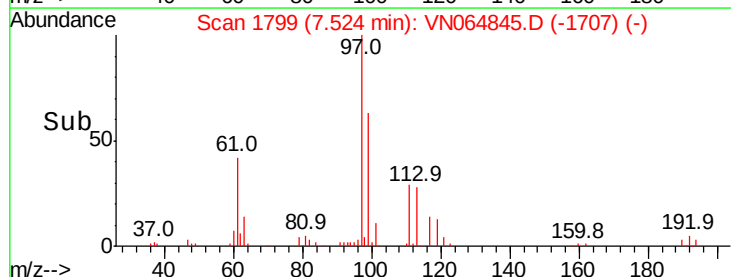
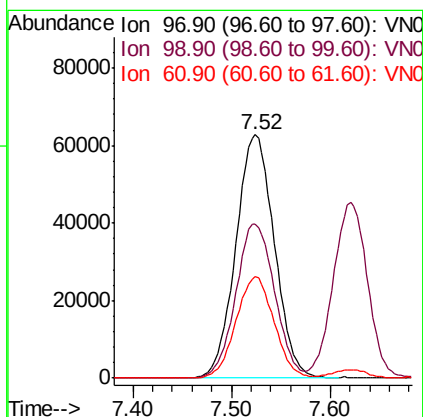
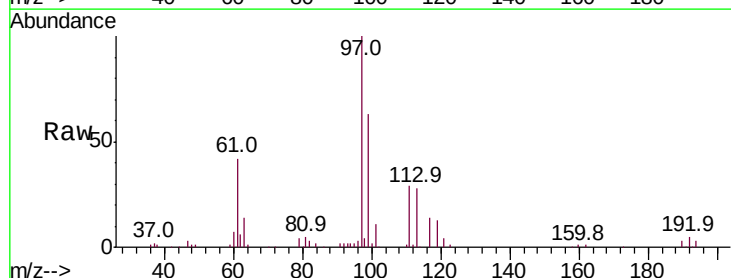
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

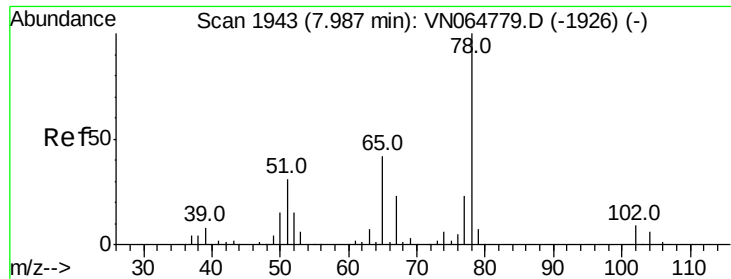
Tot Ion: 56 Resp: 162606
Ion Ratio Lower Upper
56 100
69 33.3 27.5 41.3
84 86.8 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 50.115 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Tgt Ion: 97 Resp: 170054
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 41.2 33.9 50.9

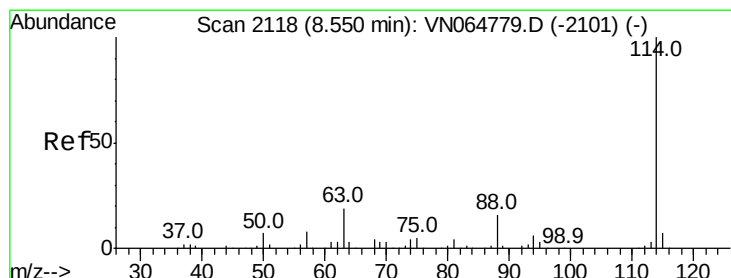
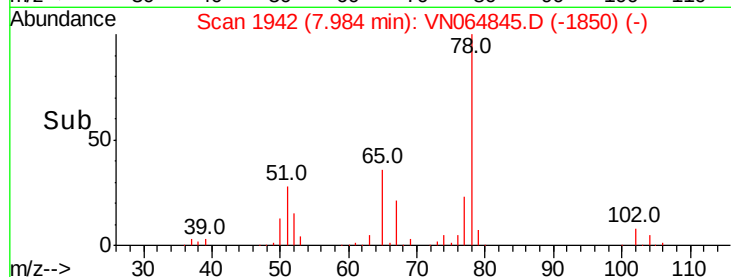
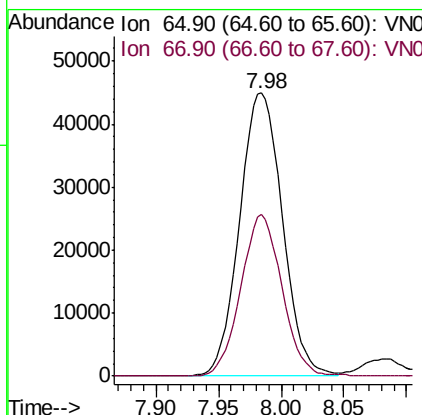
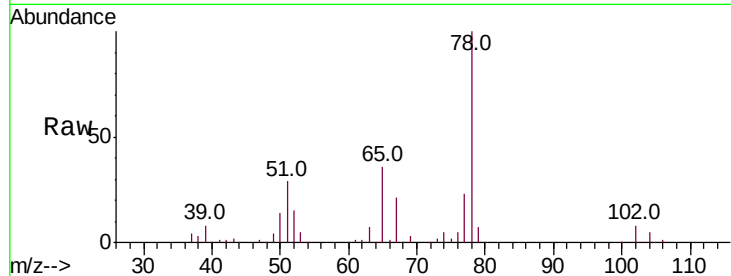




#33
 1,2-Dichloroethane-d4
 Concen: 45.946 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

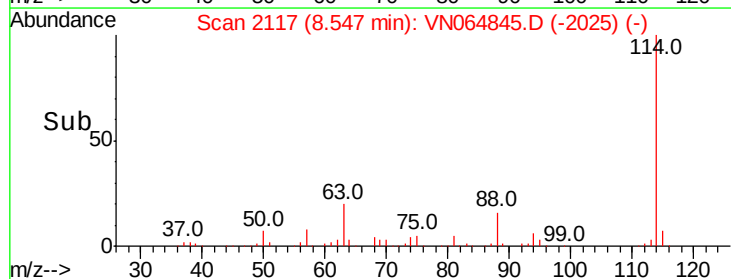
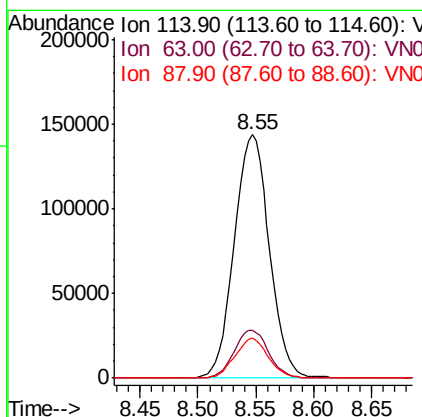
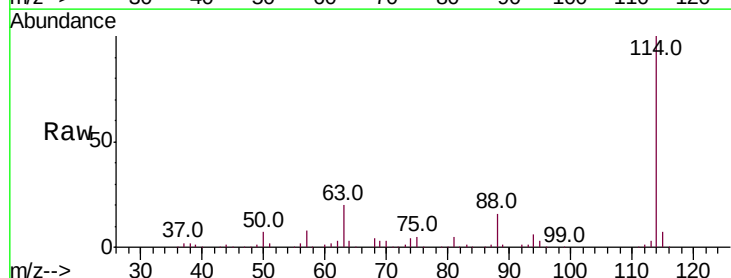
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

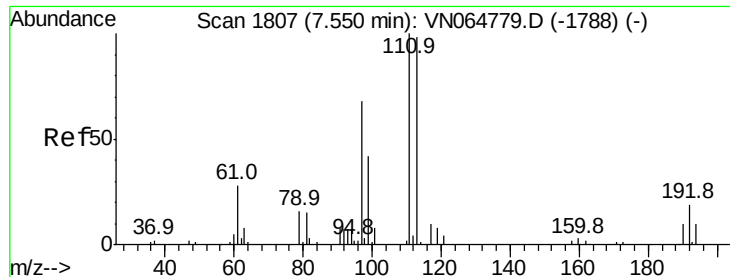
Tot Ion: 65 Resp: 106965
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Tgt Ion: 114 Resp: 302290
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 16.2 0.0 32.6

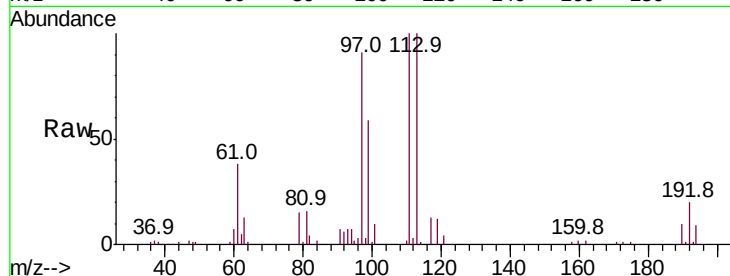




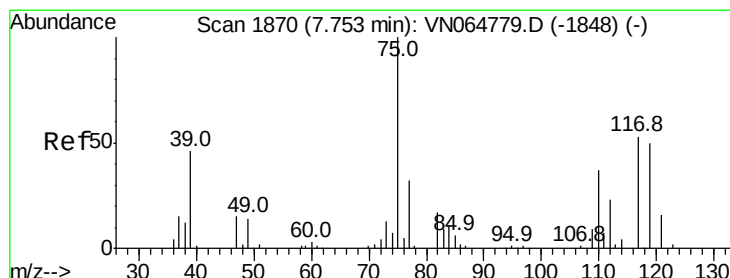
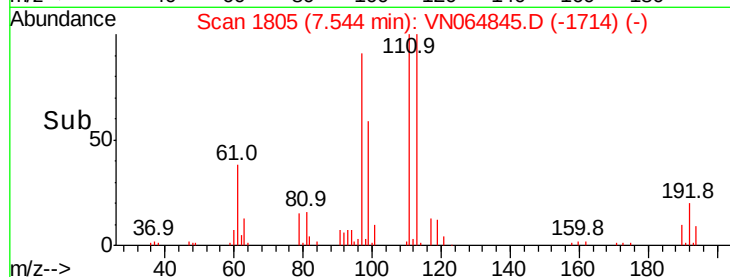
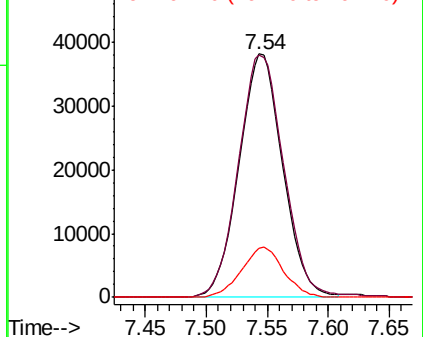
#35
 Dibromofluoromethane
 Concen: 52.213 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 94443
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.6 122.4
 192 19.8 16.2 24.2

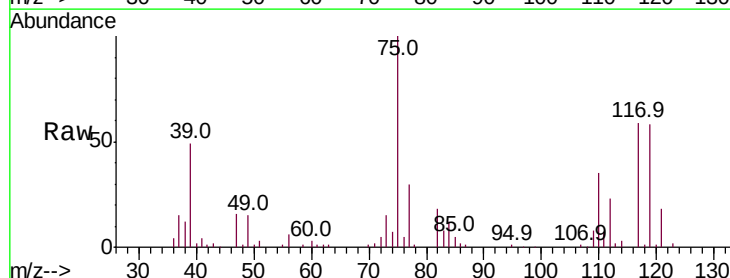


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

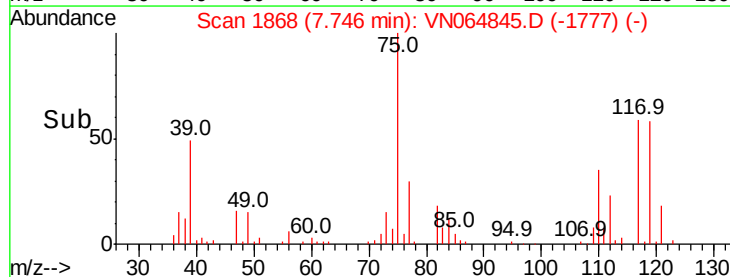
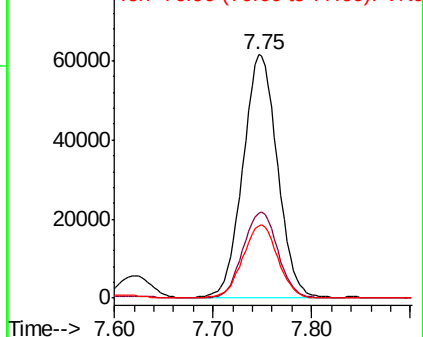


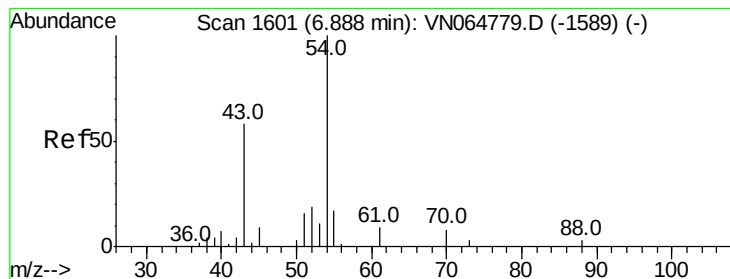
#36
 1,1-Dichloropropene
 Concen: 53.030 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Tgt Ion: 75 Resp: 148587
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.8 53.3
 77 30.6 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: 46.320 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

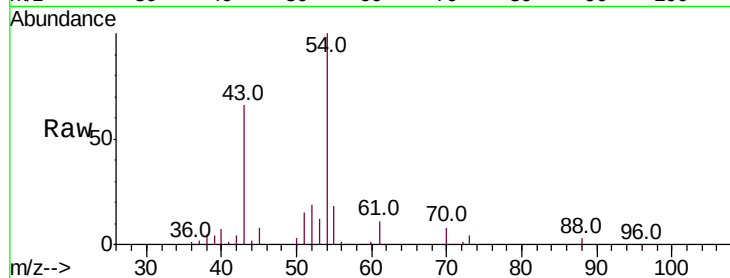
Tot Ion: 43 Resp: 125018

Ion Ratio Lower Upper

43 100

61 15.9 12.8 19.2

70 11.1 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1589) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1589) (-)

Ion 70.00 (69.70 to 70.70): VN064779.D (-1589) (-)

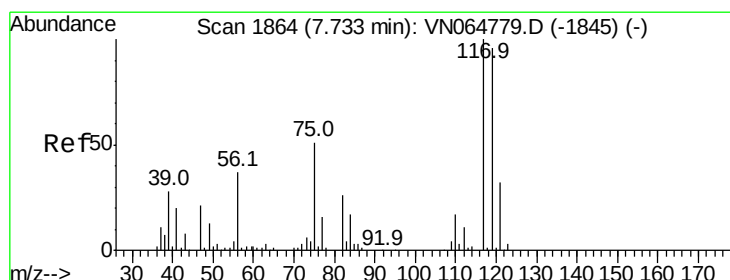
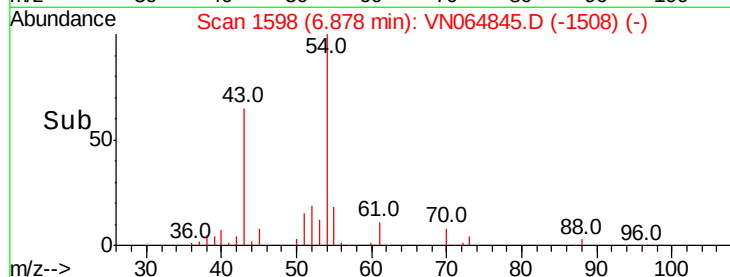
100000

50000

6.88

0

Time-->



#38

Carbon Tetrachloride

Concen: 52.763 ug/l

RT: 7.73 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

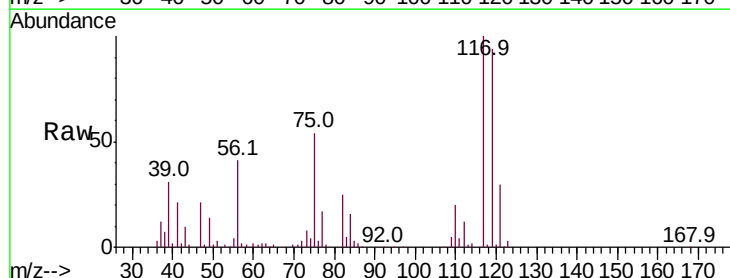
Tgt Ion: 117 Resp: 153824

Ion Ratio Lower Upper

117 100

119 94.4 76.7 115.1

121 30.4 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): VN064779.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN064779.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN064779.D (-1845) (-)

80000

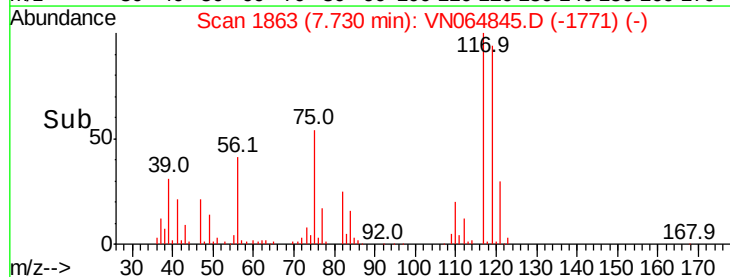
60000

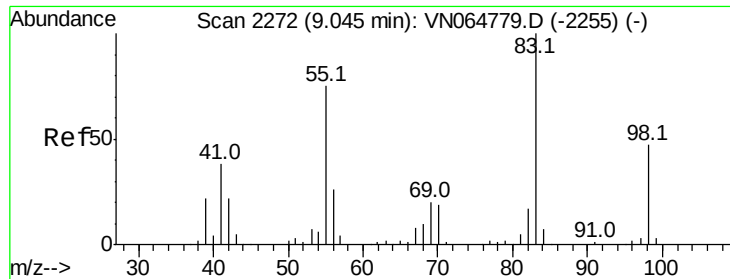
40000

20000

0

Time-->

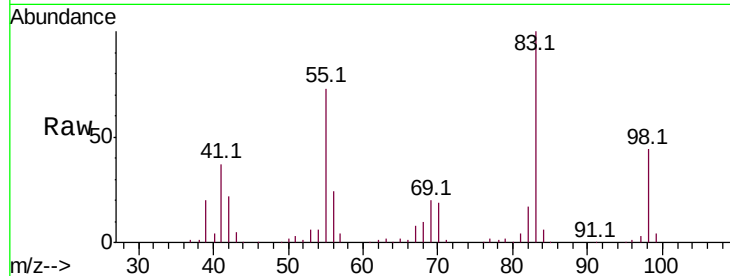




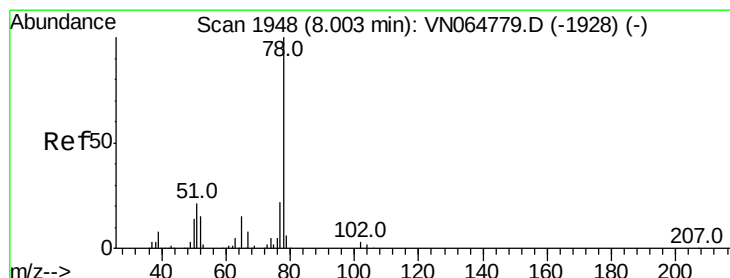
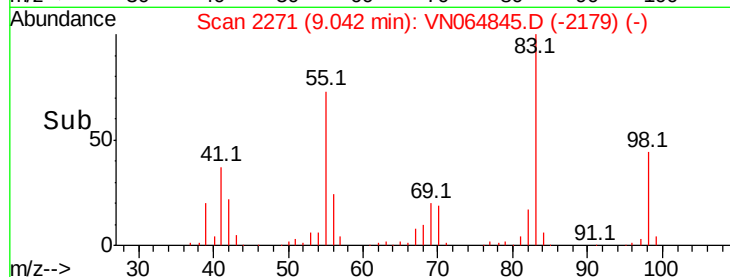
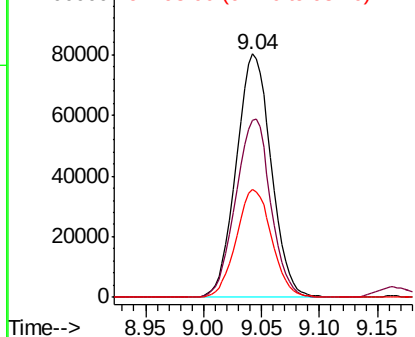
#39
Methylvlcyclohexane
Concen: 55.738 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 168121
Ion Ratio Lower Upper
83 100
55 72.5 60.2 90.2
98 44.3 37.4 56.2

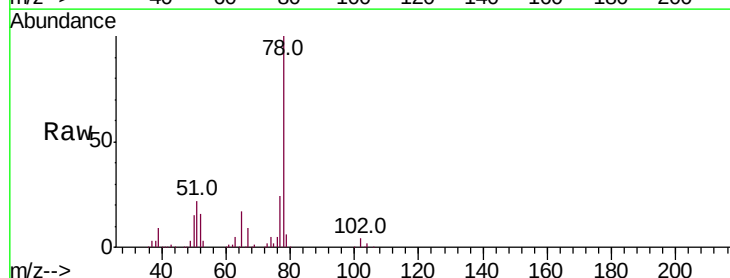


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

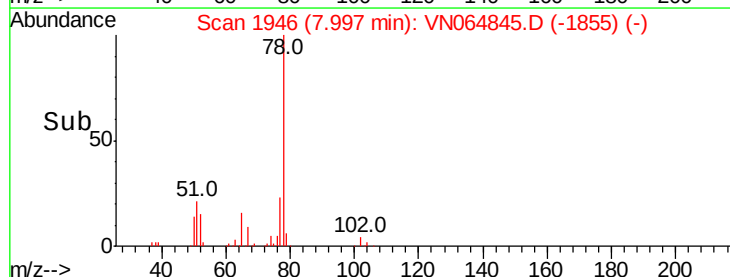
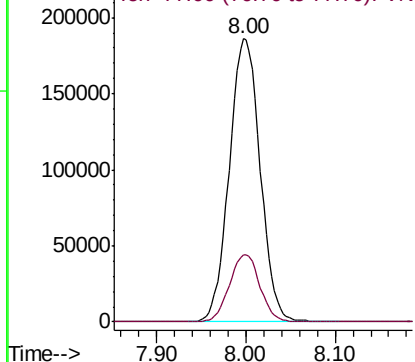


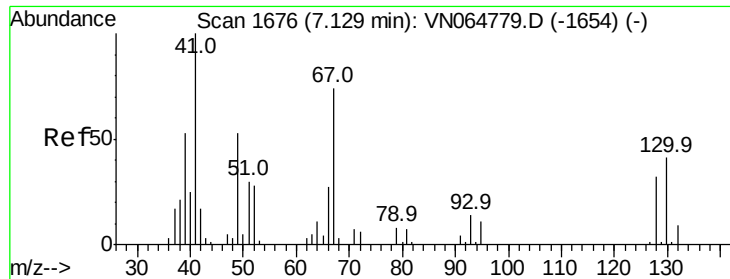
#40
Benzene
Concen: 51.994 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Tgt Ion: 78 Resp: 446428
Ion Ratio Lower Upper
78 100
77 23.6 17.9 26.9



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

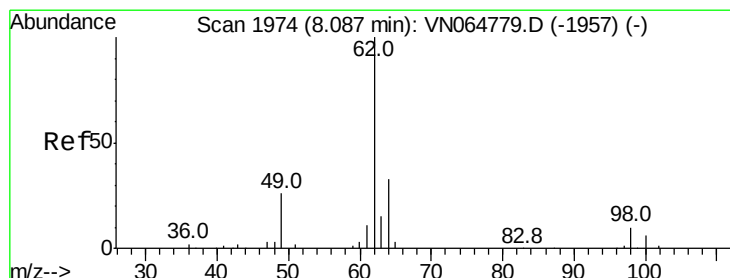
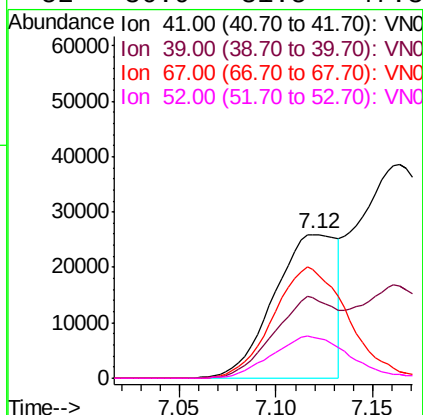
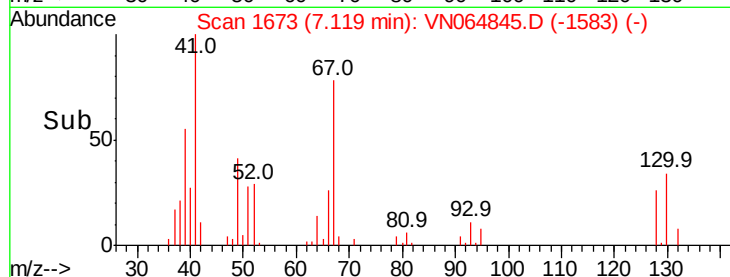
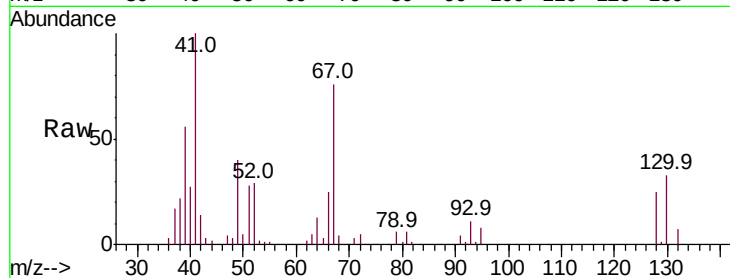




#41
Methacrylonitrile
Concen: 47.183 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

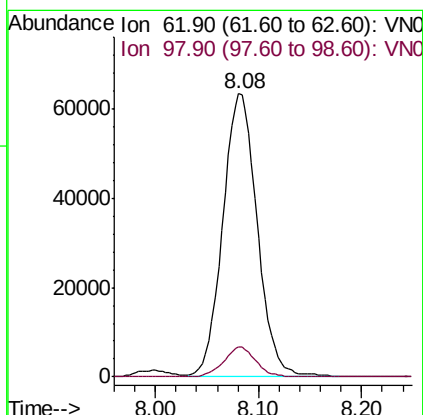
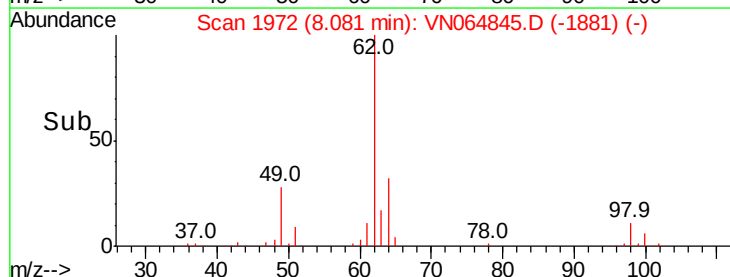
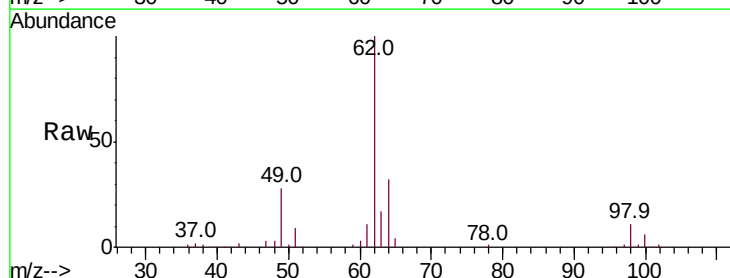
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

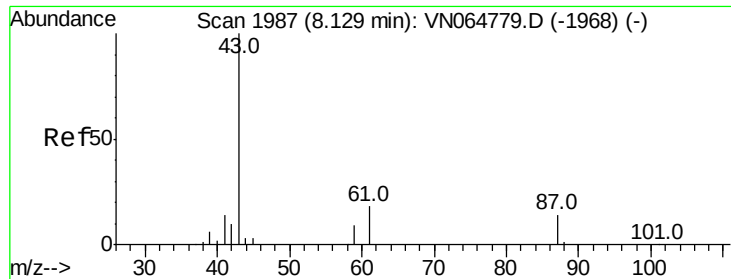
Tot Ion: 41 Resp: 58761
Ion Ratio Lower Upper
41 100
39 58.2 51.0 76.6
67 92.8 79.8 119.8
52 36.9 31.5 47.3



#42
1,2-Dichloroethane
Concen: 50.960 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Tgt Ion: 62 Resp: 147605
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6





#43

Isopropyl Acetate

Concen: 48.800 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

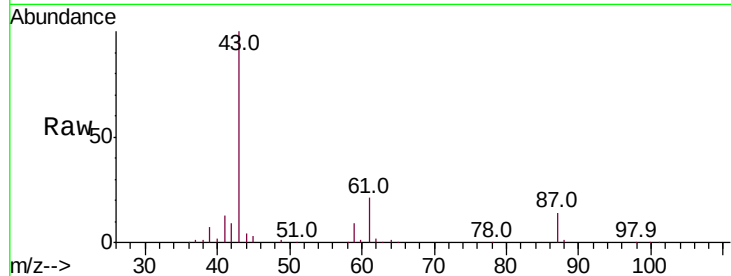
Tot Ion: 43 Resp: 211939

Ion Ratio Lower Upper

43 100

61 21.9 17.2 25.8

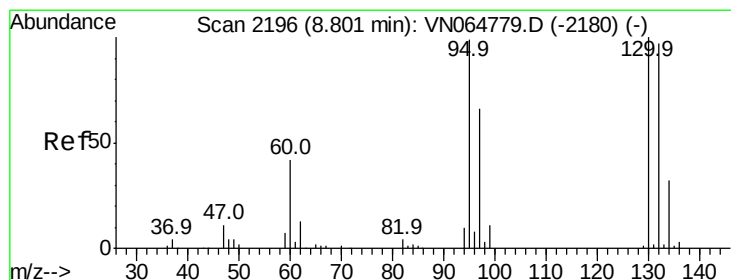
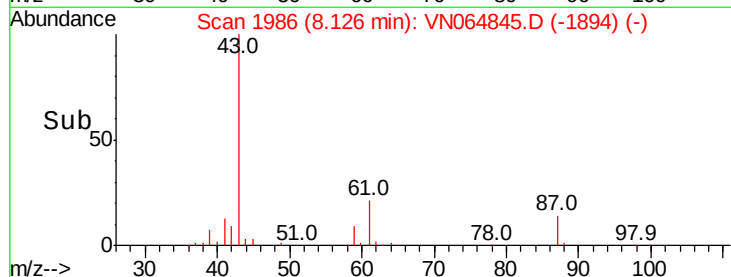
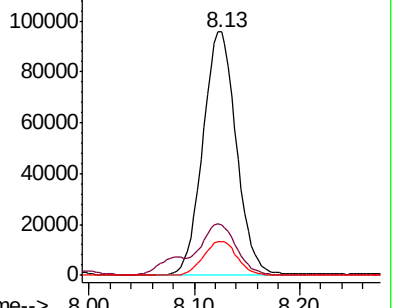
87 13.9 11.4 17.0



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

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

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



#44

Trichloroethene

Concen: 50.426 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064845.D

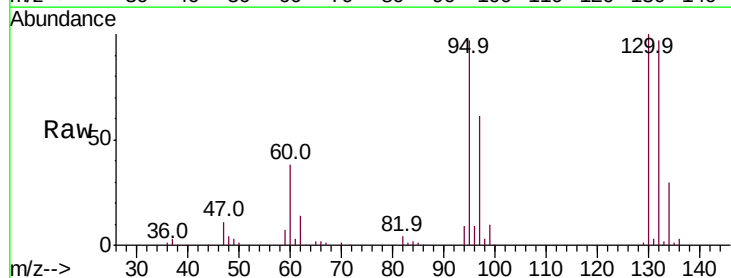
Acq: 25 Nov 2020 9:37

Tgt Ion: 130 Resp: 127746

Ion Ratio Lower Upper

130 100

95 97.2 0.0 197.8



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

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

Ion 130.90 (130.60 to 131.20): VN064779.D (-2180) (-)

Ion 132.00 (131.70 to 132.30): VN064779.D (-2180) (-)

Ion 133.00 (132.70 to 133.30): VN064779.D (-2180) (-)

Ion 134.00 (133.70 to 134.30): VN064779.D (-2180) (-)

Ion 135.00 (134.70 to 135.30): VN064779.D (-2180) (-)

Ion 136.00 (135.70 to 136.30): VN064779.D (-2180) (-)

Ion 137.00 (136.70 to 137.30): VN064779.D (-2180) (-)

Ion 138.00 (137.70 to 138.30): VN064779.D (-2180) (-)

Ion 139.00 (138.70 to 139.30): VN064779.D (-2180) (-)

Ion 140.00 (139.70 to 140.30): VN064779.D (-2180) (-)

Ion 141.00 (140.70 to 141.30): VN064779.D (-2180) (-)

Ion 142.00 (141.70 to 142.30): VN064779.D (-2180) (-)

Ion 143.00 (142.70 to 143.30): VN064779.D (-2180) (-)

Ion 144.00 (143.70 to 144.30): VN064779.D (-2180) (-)

Ion 145.00 (144.70 to 145.30): VN064779.D (-2180) (-)

Ion 146.00 (145.70 to 146.30): VN064779.D (-2180) (-)

Ion 147.00 (146.70 to 147.30): VN064779.D (-2180) (-)

Ion 148.00 (147.70 to 148.30): VN064779.D (-2180) (-)

Ion 149.00 (148.70 to 149.30): VN064779.D (-2180) (-)

Ion 150.00 (149.70 to 150.30): VN064779.D (-2180) (-)

Ion 151.00 (150.70 to 151.30): VN064779.D (-2180) (-)

Ion 152.00 (151.70 to 152.30): VN064779.D (-2180) (-)

Ion 153.00 (152.70 to 153.30): VN064779.D (-2180) (-)

Ion 154.00 (153.70 to 154.30): VN064779.D (-2180) (-)

Ion 155.00 (154.70 to 155.30): VN064779.D (-2180) (-)

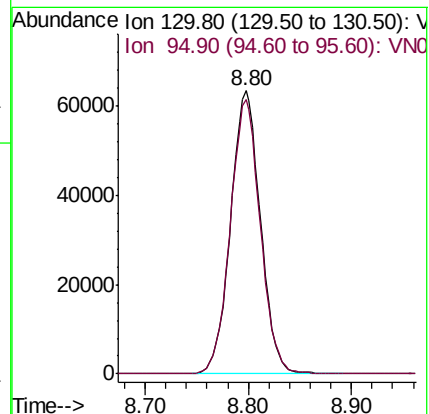
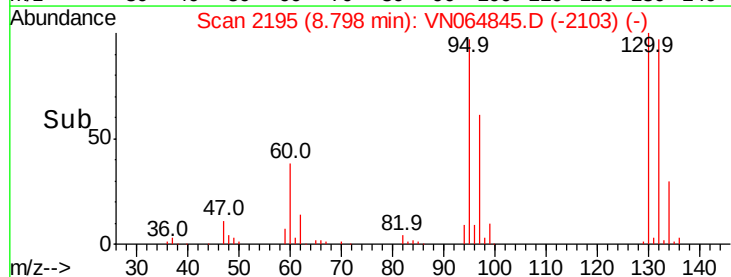
Ion 156.00 (155.70 to 156.30): VN064779.D (-2180) (-)

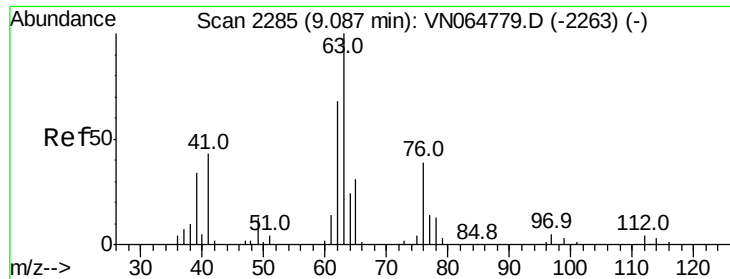
Ion 157.00 (156.70 to 157.30): VN064779.D (-2180) (-)

Ion 158.00 (157.70 to 158.30): VN064779.D (-2180) (-)

Ion 159.00 (158.70 to 159.30): VN064779.D (-2180) (-)

Ion 160.00 (159.70 to 160.30): VN064779.D (-2180) (-)

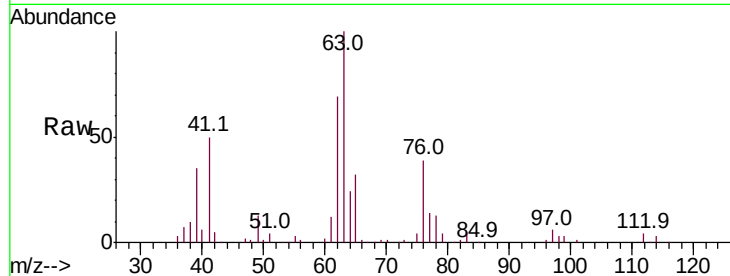




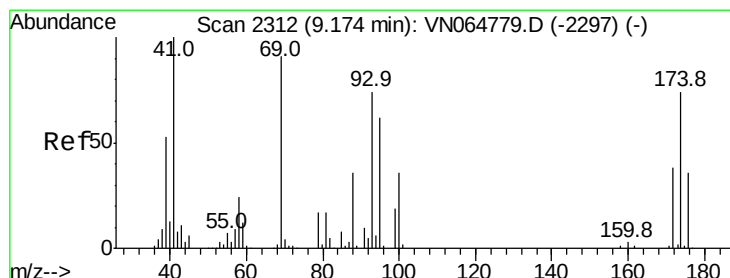
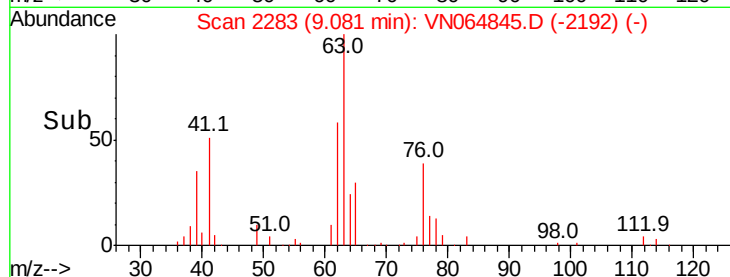
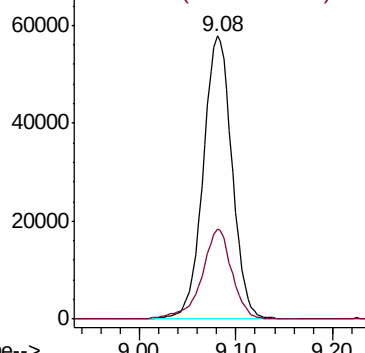
#45
 1,2-Dichloropropane
 Concen: 53.870 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 119780
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.4

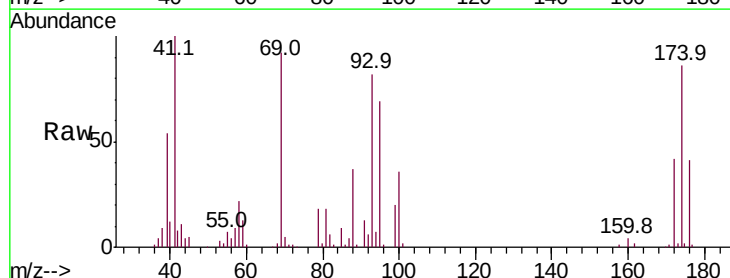


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 64.90 (64.60 to 65.60): VN0

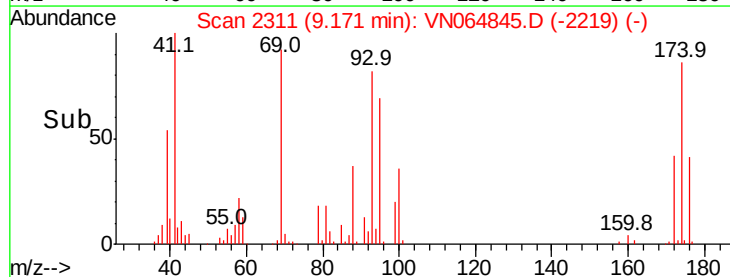
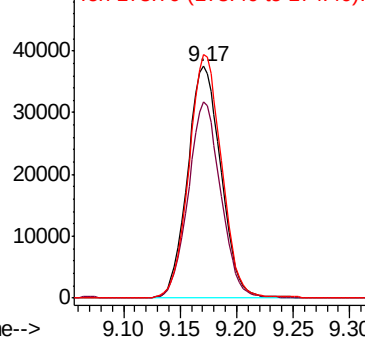


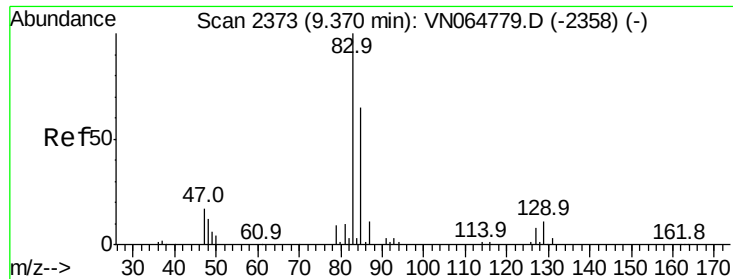
#46
 Dibromomethane
 Concen: 52.008 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Tgt Ion: 93 Resp: 77255
 Ion Ratio Lower Upper
 93 100
 95 82.3 68.8 103.2
 174 102.4 83.1 124.7



Abundance Ion 92.80 (92.50 to 93.50): VN0
 Ion 94.80 (94.50 to 95.50): VN0
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.311 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

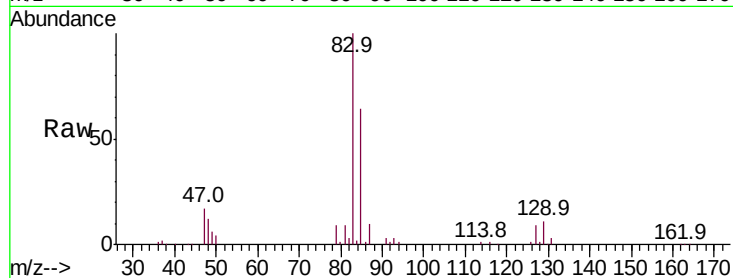
Tot Ion: 83 Resp: 156354

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.8

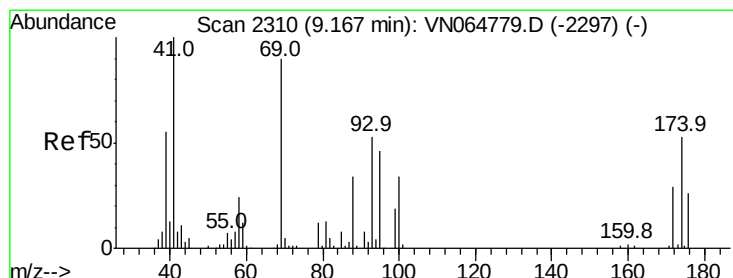
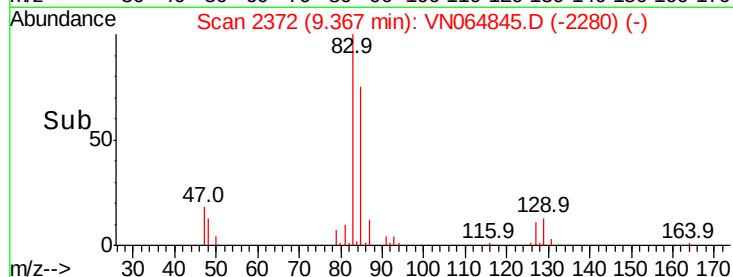
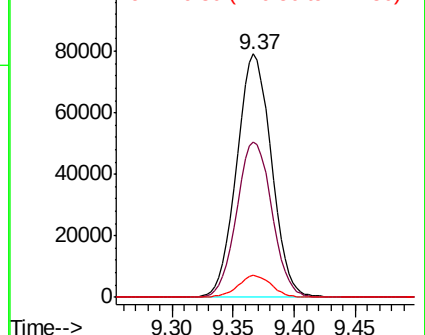
127 9.1 6.8 10.2



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: 50.374 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

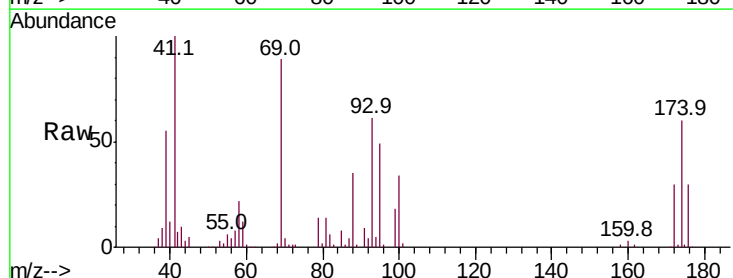
Tgt Ion: 41 Resp: 104539

Ion Ratio Lower Upper

41 100

69 91.1 71.8 107.8

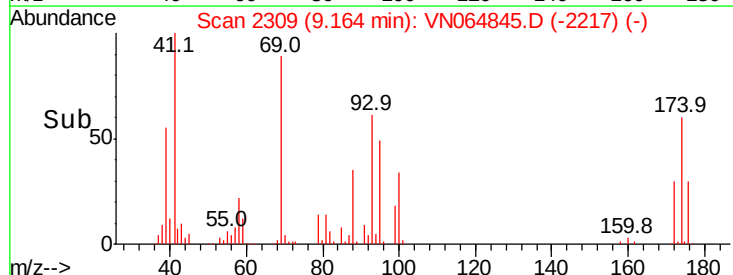
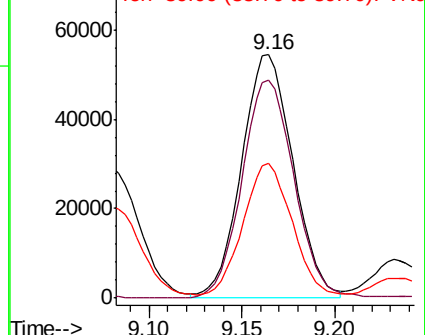
39 53.1 44.1 66.1

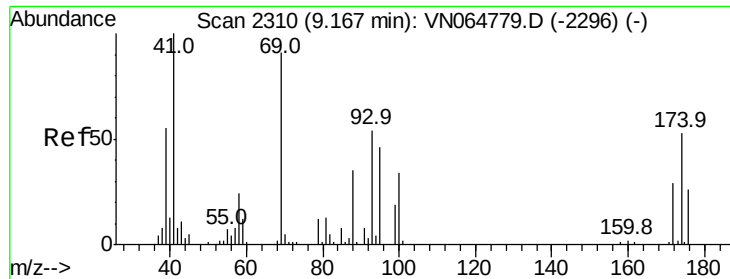


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

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

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

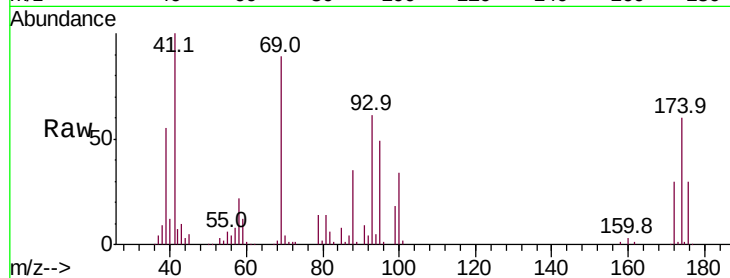




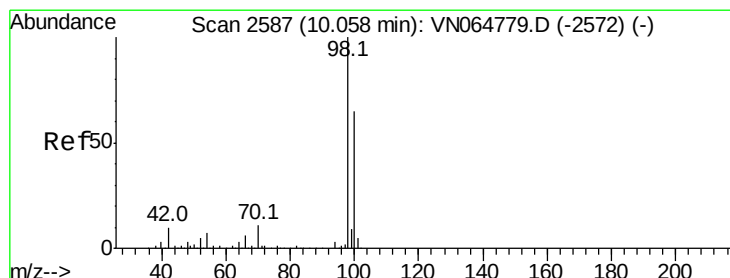
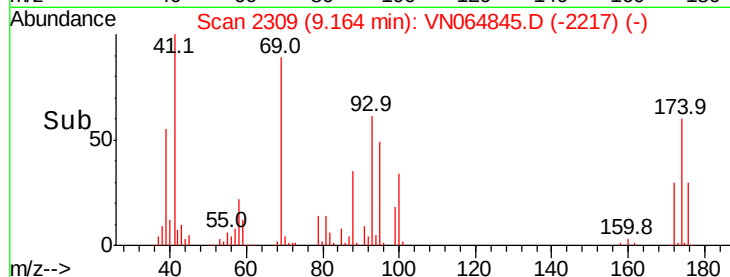
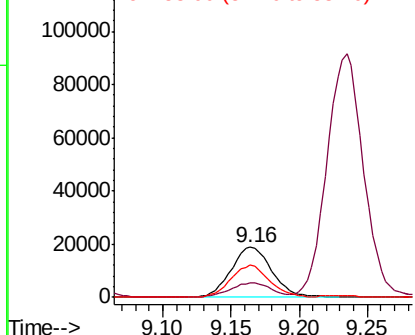
#49
1,4-Dioxane
Concen: 994.319 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 39000
Ion Ratio Lower Upper
88 100
43 27.7 24.2 36.4
58 61.2 52.5 78.7

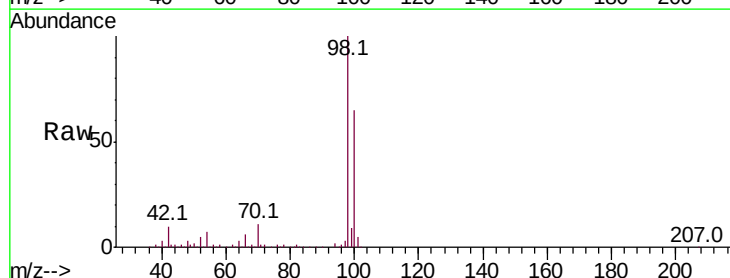


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

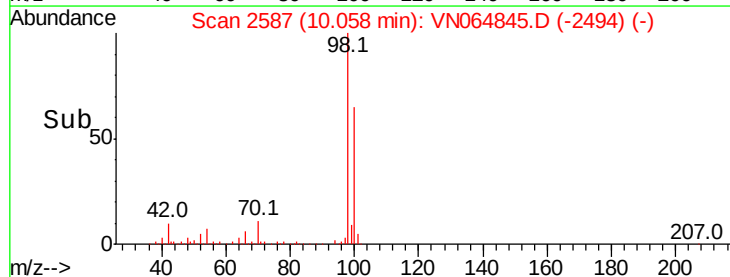
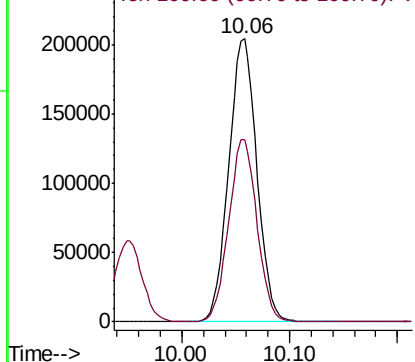


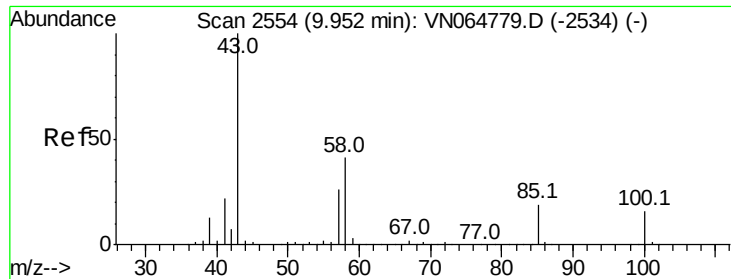
#50
Toluene-d8
Concen: 50.369 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Tgt Ion: 98 Resp: 372259
Ion Ratio Lower Upper
98 100
100 65.0 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: 243.972 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

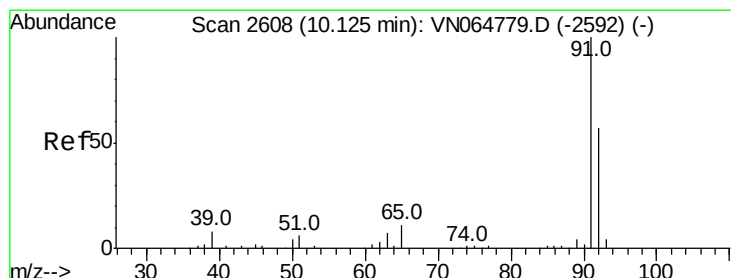
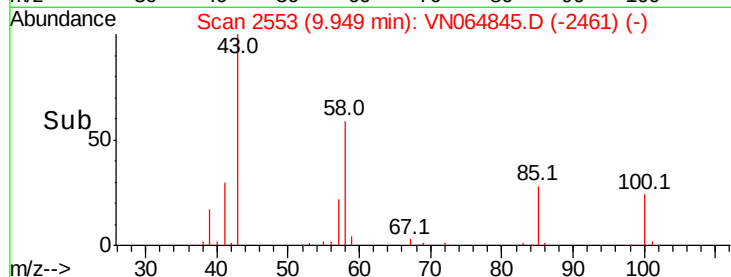
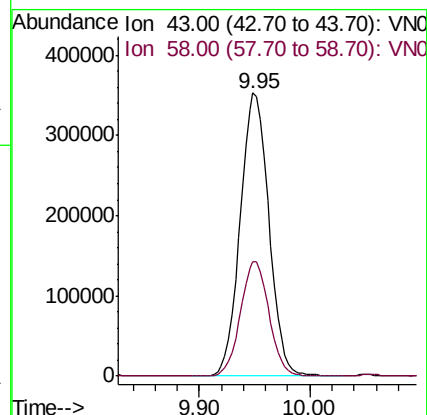
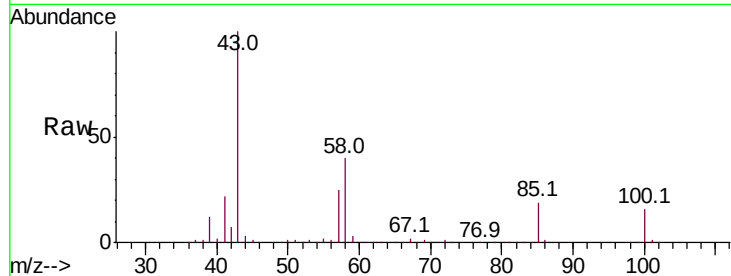
VSTDCCC050

Tot Ion: 43 Resp: 636115

Ion Ratio Lower Upper

43 100

58 40.4 32.4 48.6



#52

Toluene

Concen: 54.050 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064845.D

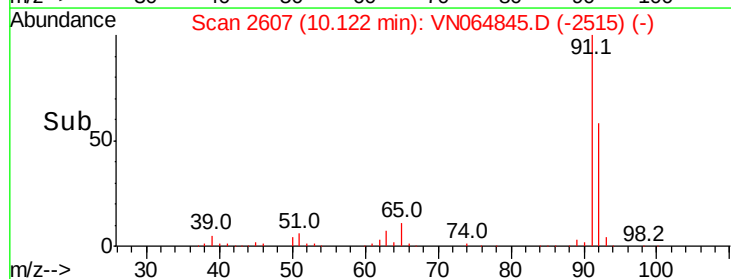
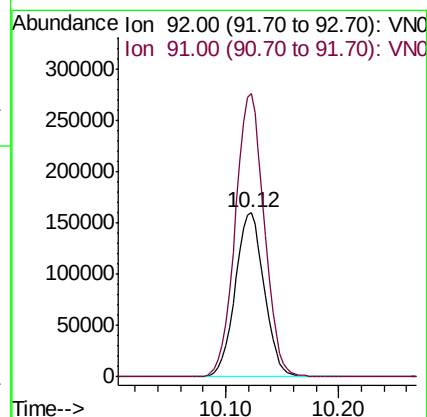
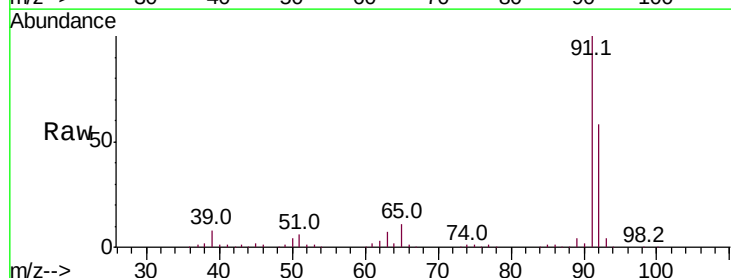
Acq: 25 Nov 2020 9:37

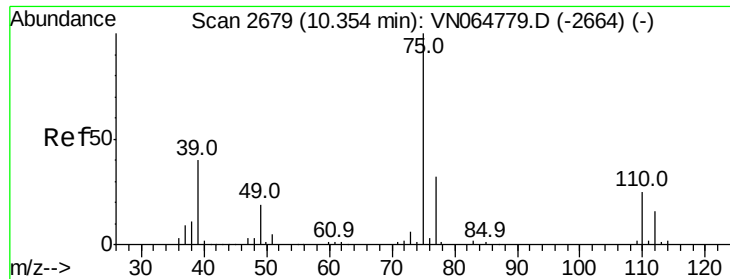
Tgt Ion: 92 Resp: 285796

Ion Ratio Lower Upper

92 100

91 172.4 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 51.995 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampled :

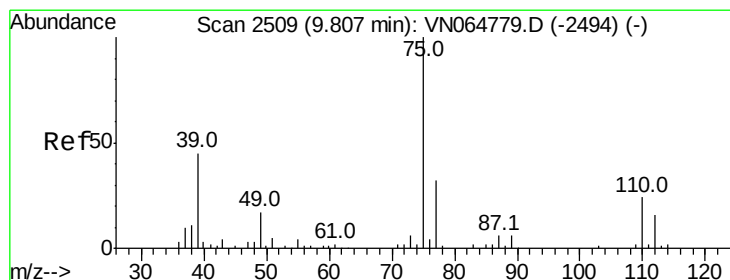
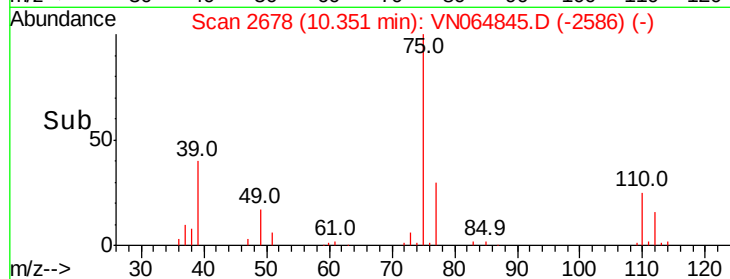
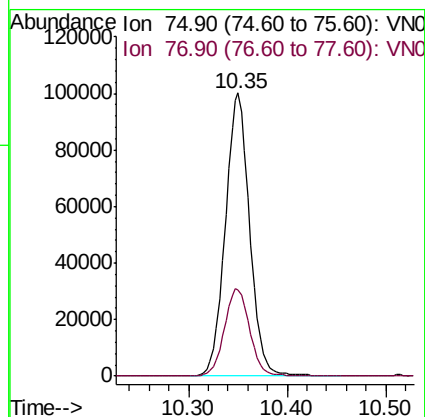
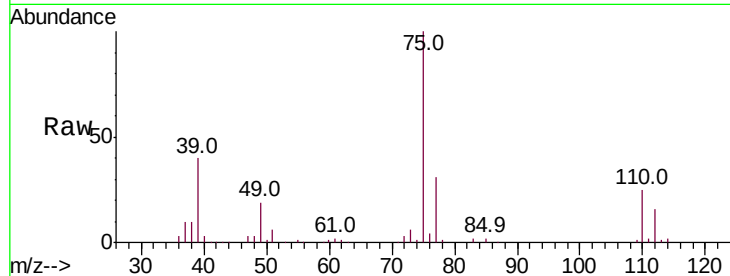
VSTDCCC050

Tot Ion: 75 Resp: 173096

Ion Ratio Lower Upper

75 100

77 30.5 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 53.611 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

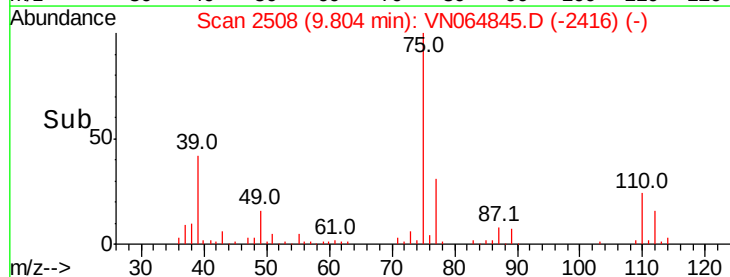
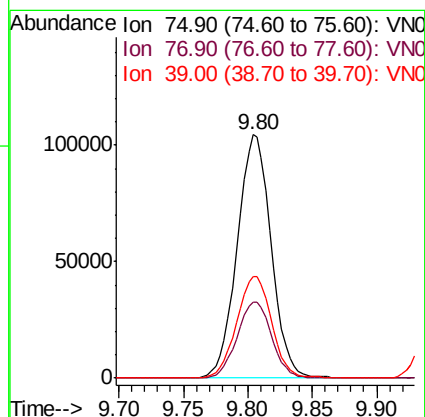
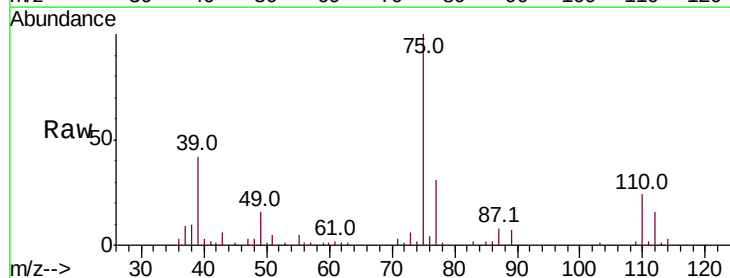
Tgt Ion: 75 Resp: 191300

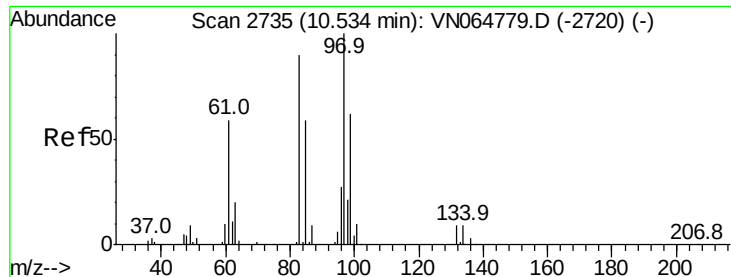
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 41.9 35.6 53.4

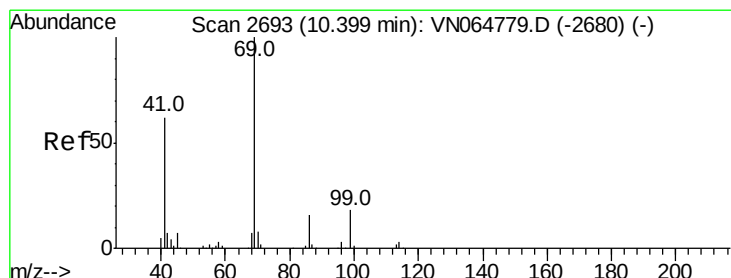
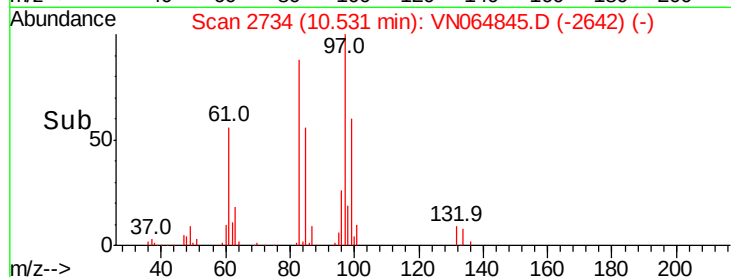
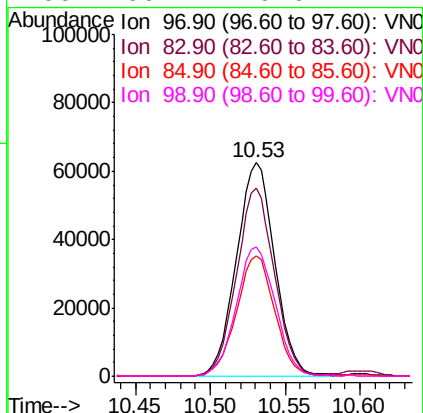
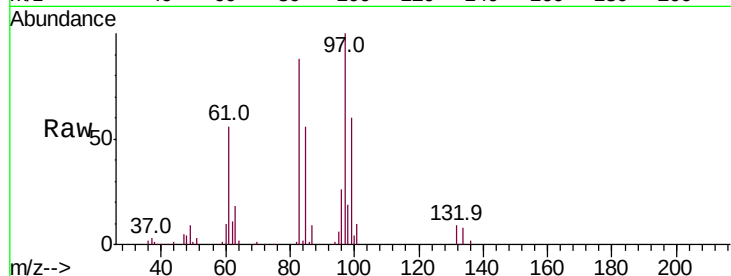




#55
 1,1,2-Trichloroethane
 Concen: 51.430 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

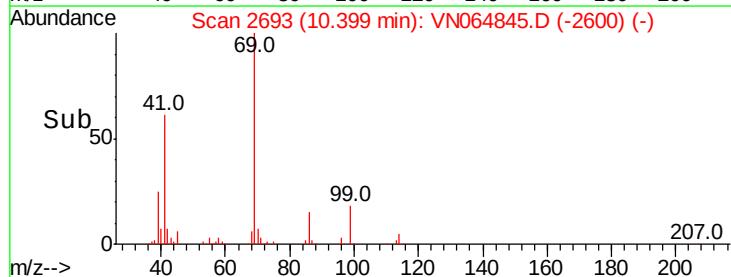
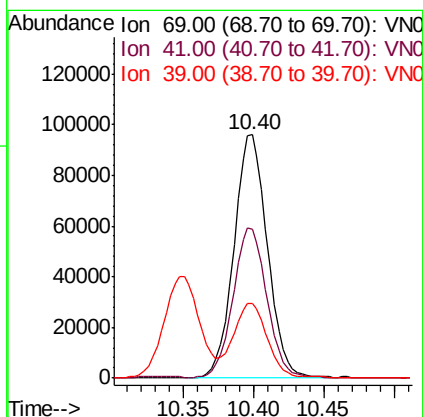
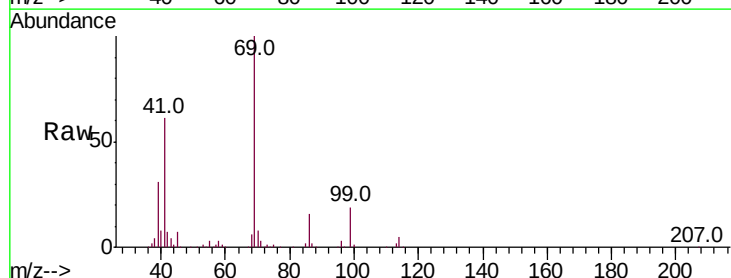
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

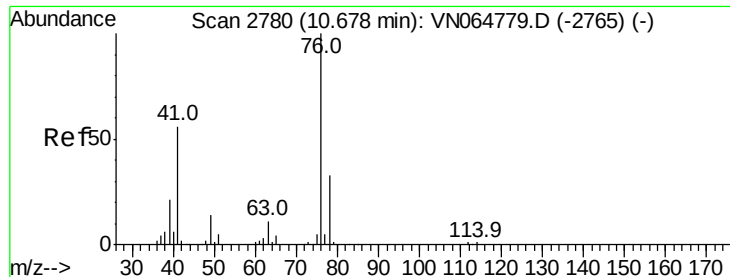
Tot Ion:	97	Resp:	111827
Ion	Ratio	Lower	Upper
97	100		
83	88.3	72.1	108.1
85	56.5	46.8	70.2
99	60.4	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 53.338 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Tgt Ion:	69	Resp:	160040
Ion	Ratio	Lower	Upper
69	100		
41	61.9	49.4	74.0
39	30.2	25.9	38.9





#57

1,3-Dichloropropane

Concen: 51.973 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

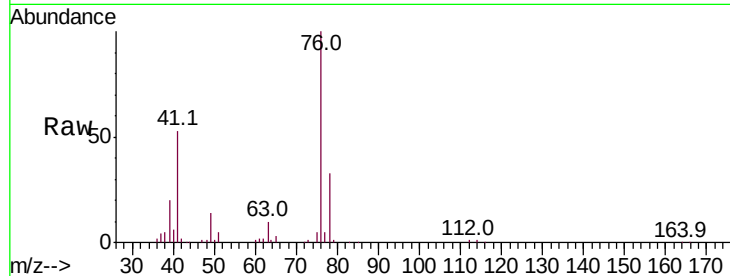
VSTDCCC050

Tot Ion: 76 Resp: 186415

Ion Ratio Lower Upper

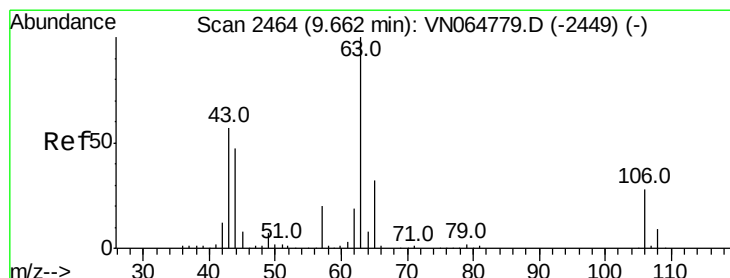
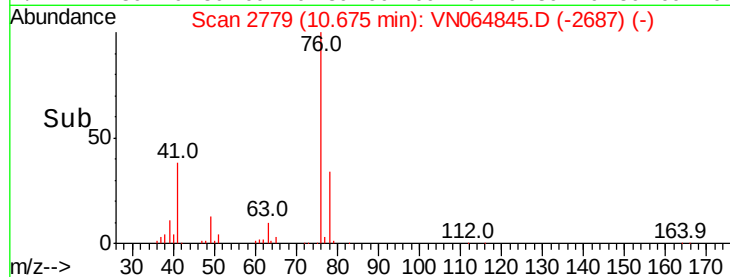
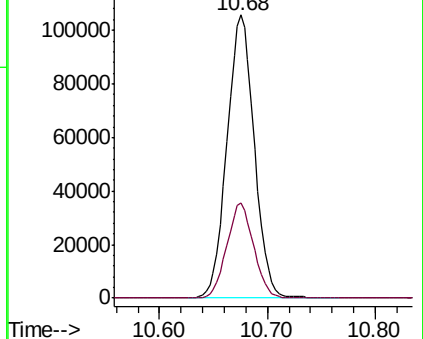
76 100

78 33.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN064779.D (-2765) (-)

Ion 77.90 (77.60 to 78.60): VN064779.D (-2765) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 245.623 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN064845.D

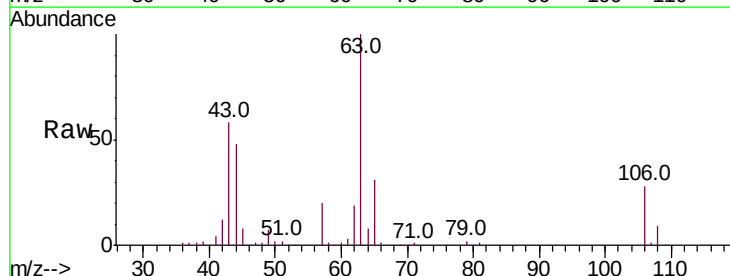
Acq: 25 Nov 2020 9:37

Tgt Ion: 63 Resp: 405397

Ion Ratio Lower Upper

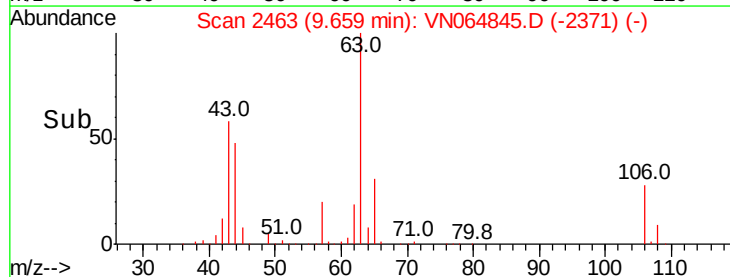
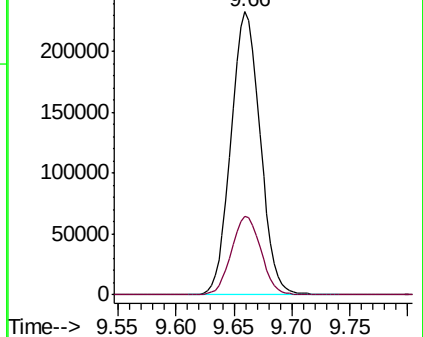
63 100

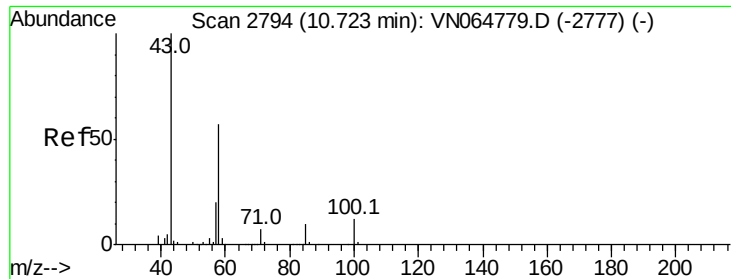
106 28.1 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN064779.D (-2449) (-)

Ion 105.90 (105.60 to 106.60): VN064779.D (-2449) (-)

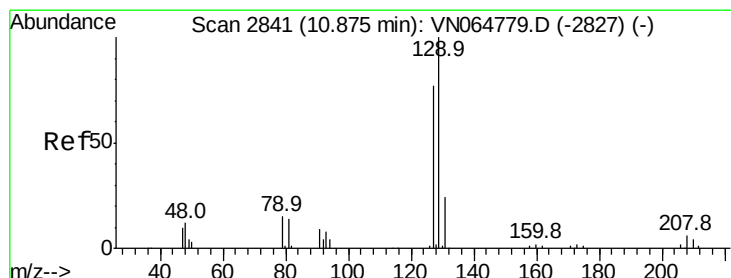
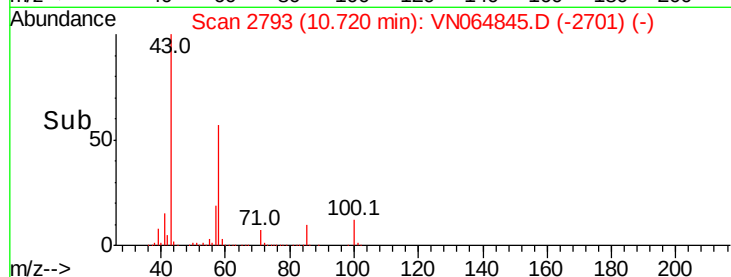
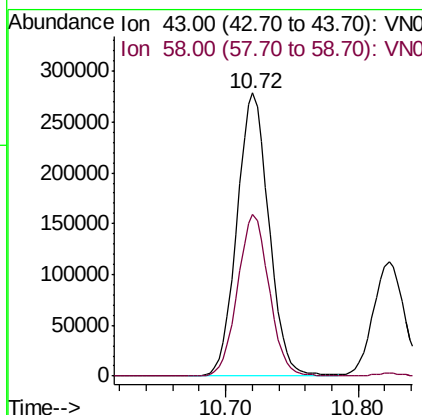
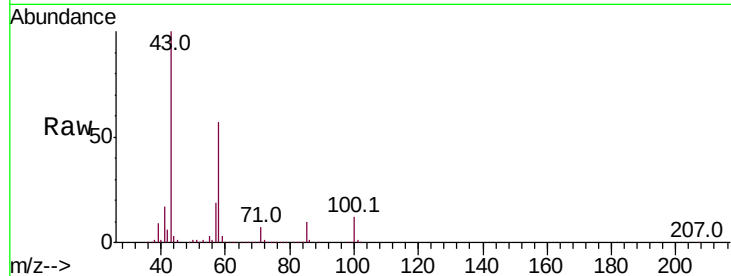




#59
2-Hexanone
Concen: 248.698 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

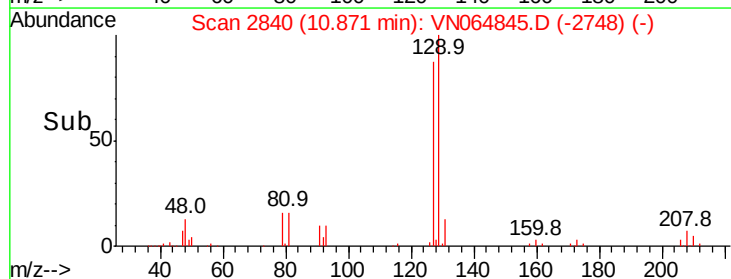
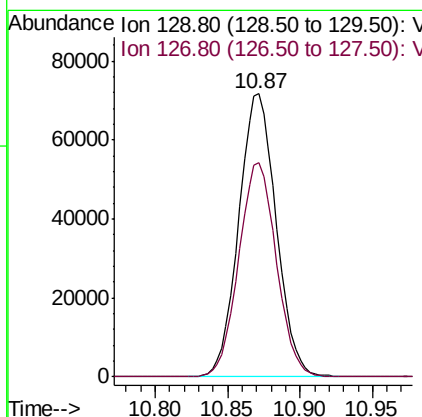
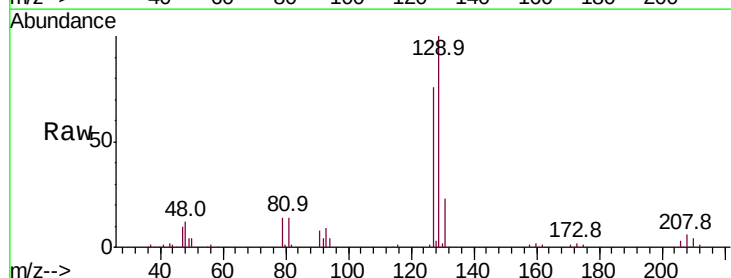
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

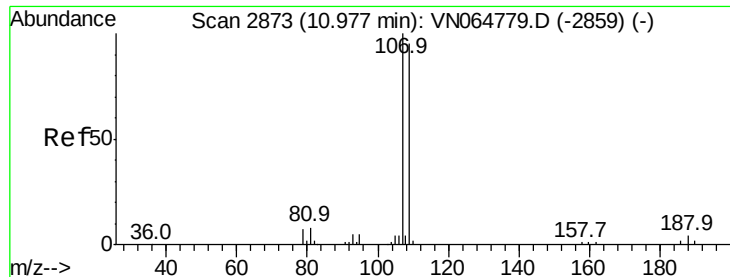
Tot Ion: 43 Resp: 466670
Ion Ratio Lower Upper
43 100
58 56.4 28.3 84.9



#60
Dibromochloromethane
Concen: 53.337 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Tgt Ion: 129 Resp: 128914
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.643 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

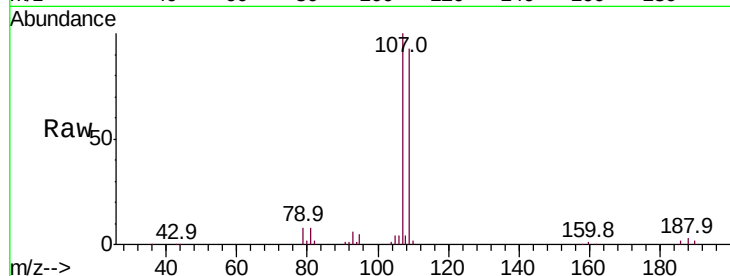
VSTDCCC050

Tot Ion:107 Resp: 114083

Ion Ratio Lower Upper

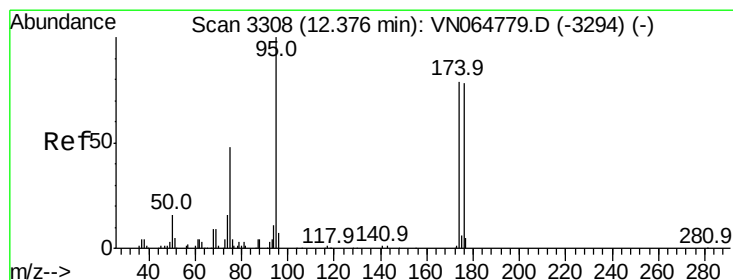
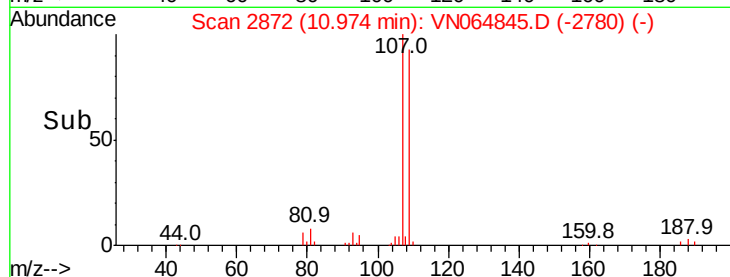
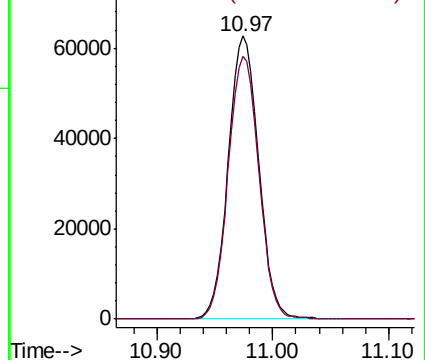
107 100

109 93.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.496 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

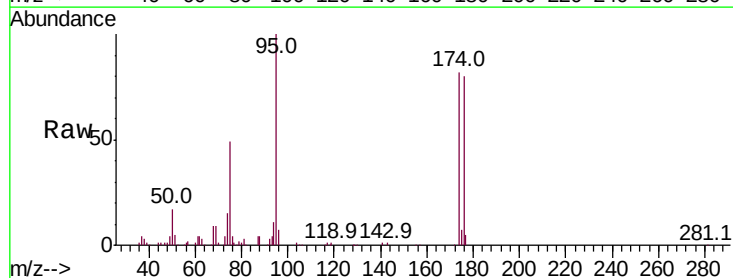
Tgt Ion: 95 Resp: 133559

Ion Ratio Lower Upper

95 100

174 81.8 0.0 160.4

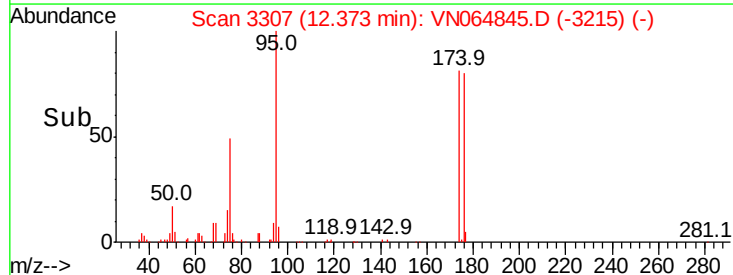
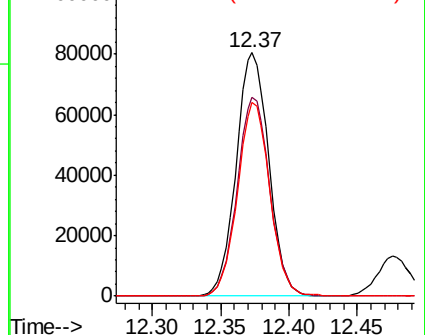
176 78.9 0.0 158.4

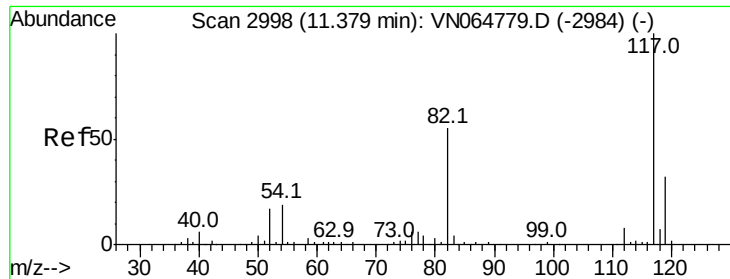


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

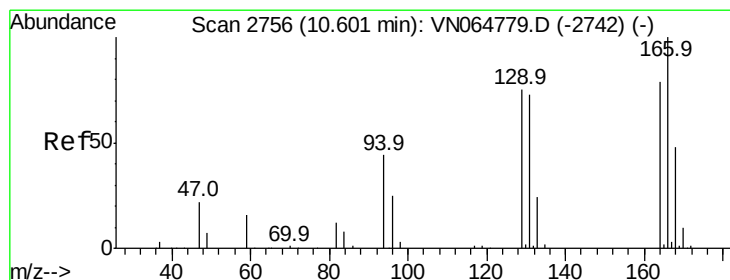
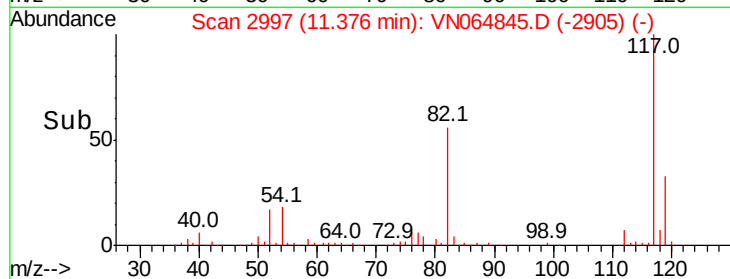
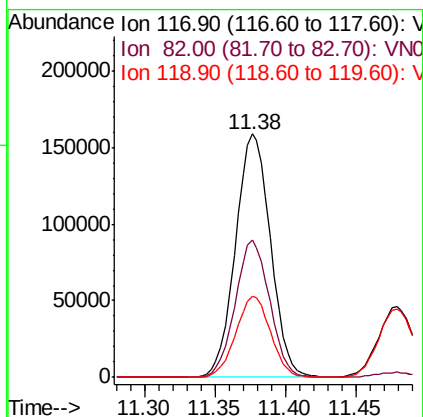
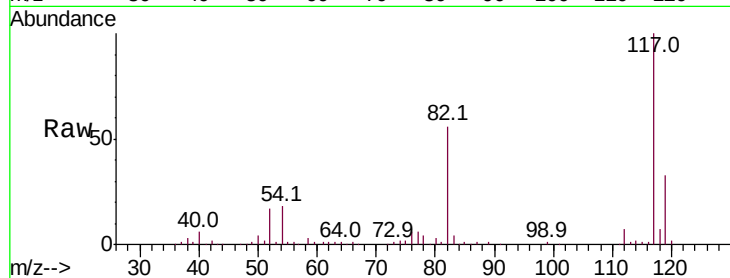




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

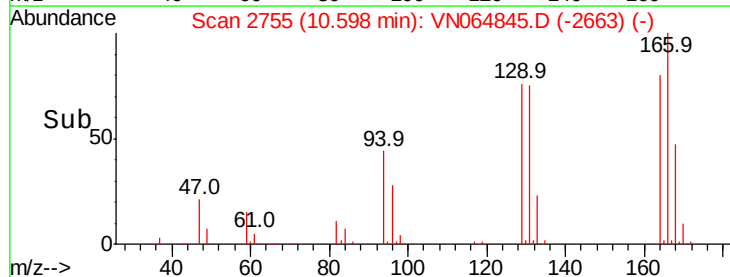
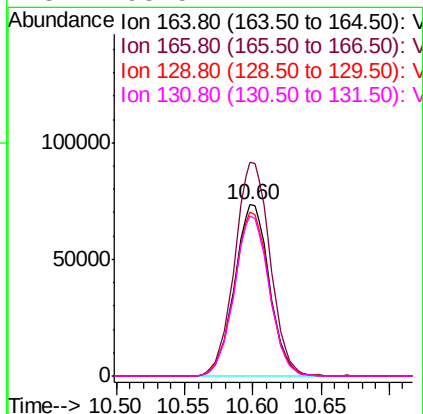
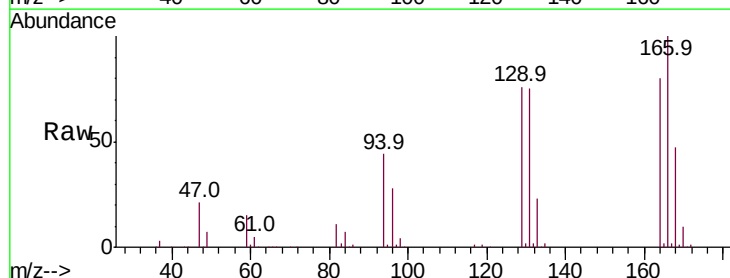
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

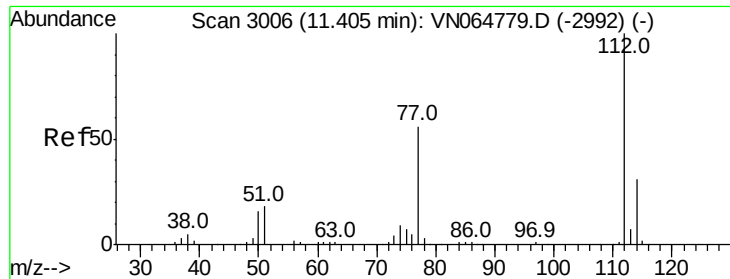
Tot Ion:117 Resp: 276888
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 33.2 25.8 38.6



#64
Tetrachloroethene
Concen: 48.294 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Tgt Ion:164 Resp: 130097
Ion Ratio Lower Upper
164 100
166 124.8 101.4 152.0
129 95.4 76.1 114.1
131 93.5 74.2 111.2

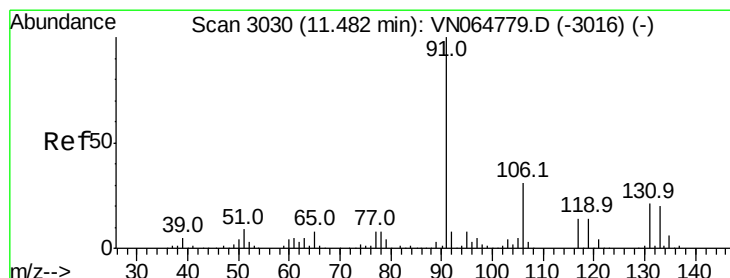
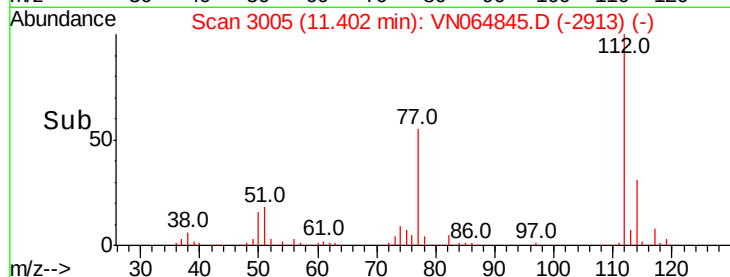
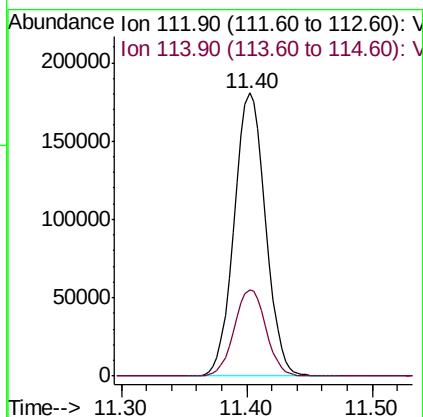
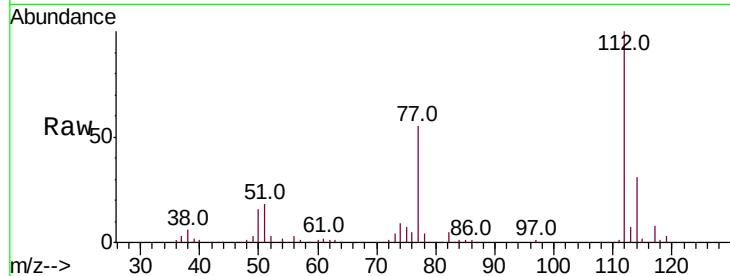




#65
Chlorobenzene
Concen: 52.810 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

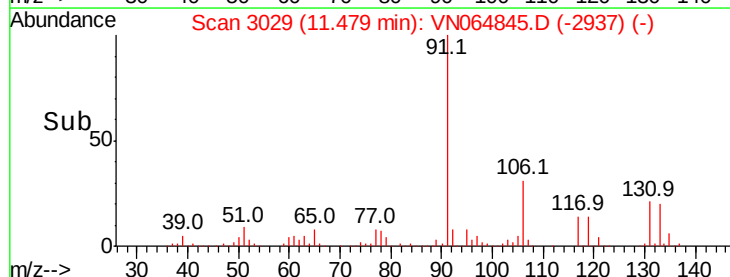
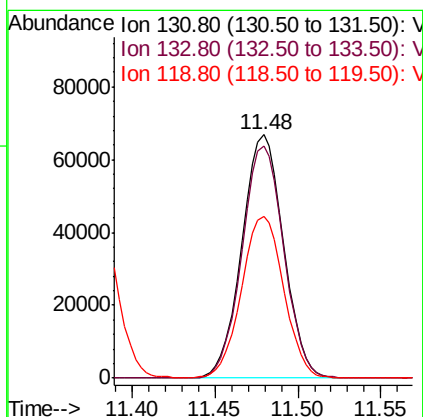
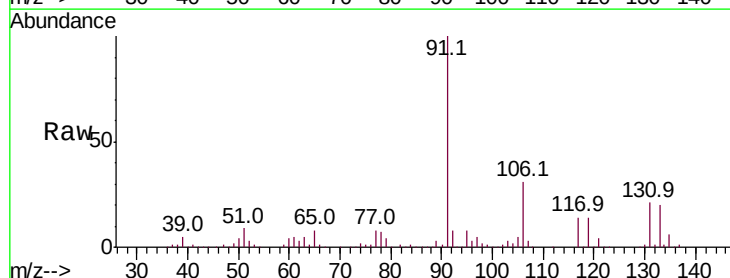
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

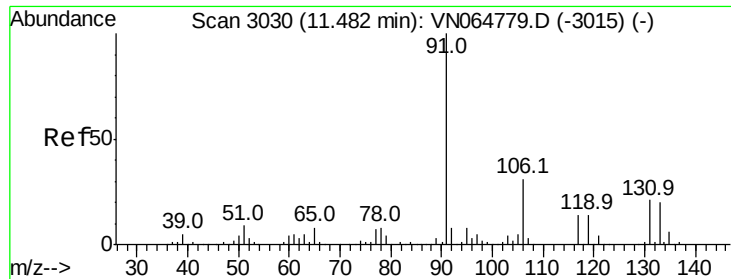
Tot Ion:112 Resp: 314014
Ion Ratio Lower Upper
112 100
114 30.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.455 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Tgt Ion:131 Resp: 116810
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.5
119 67.7 33.3 99.8

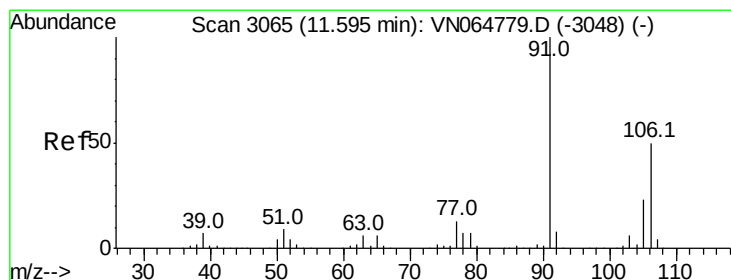
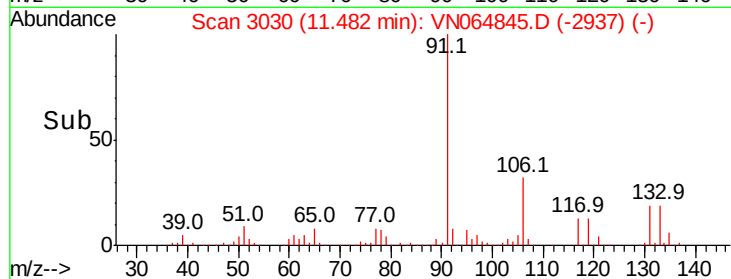
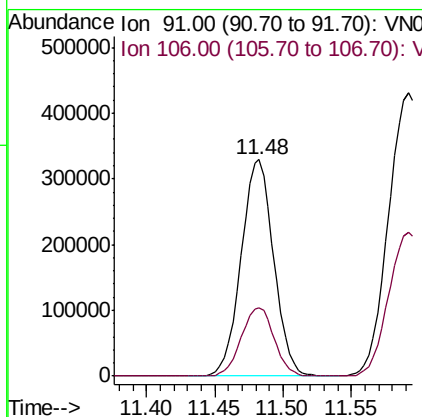
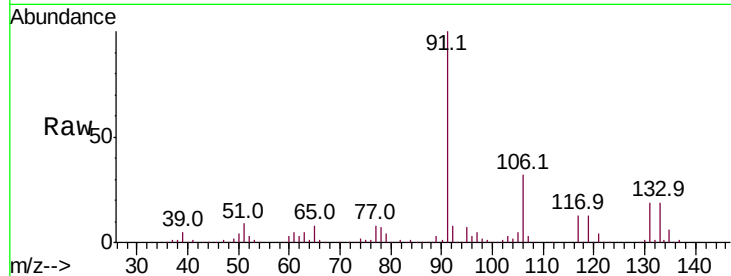




#67
Ethyl Benzene
Concen: 54.871 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

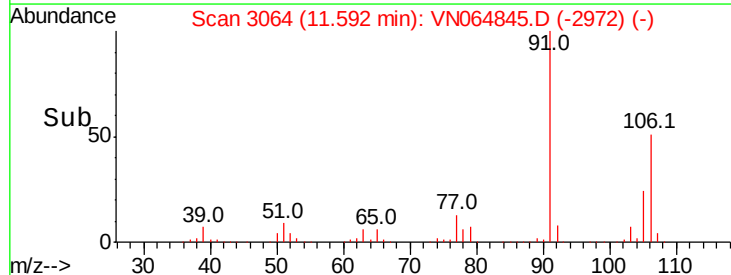
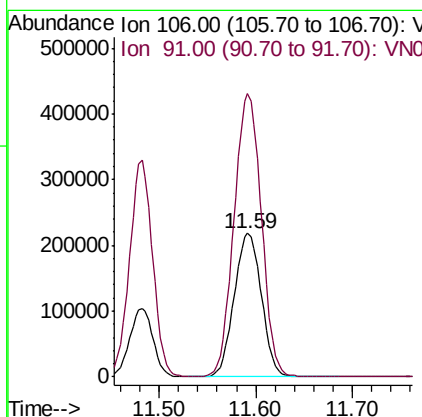
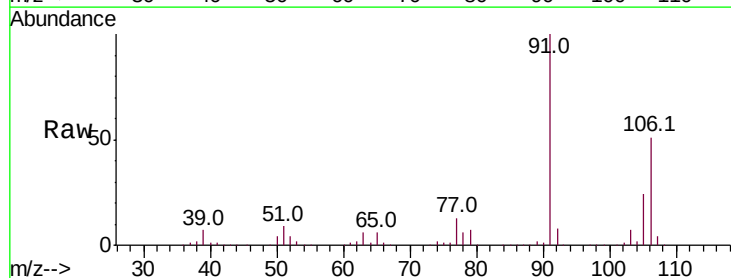
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

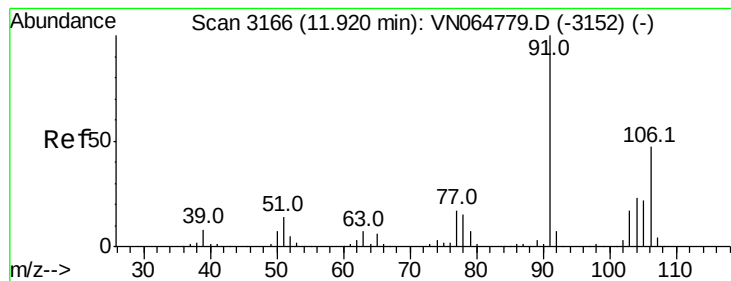
Tot Ion: 91 Resp: 545055
Ion Ratio Lower Upper
91 100
106 31.9 25.2 37.8



#68
m/p-Xylenes
Concen: 113.488 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Tgt Ion: 106 Resp: 426809
Ion Ratio Lower Upper
106 100
91 198.3 161.0 241.4





#69

o-Xylene

Concen: 56.374 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

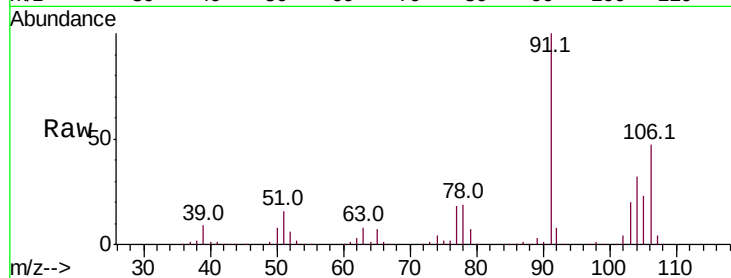
VSTDCCC050

Tot Ion:106 Resp: 201191

Ion Ratio Lower Upper

106 100

91 209.4 105.5 316.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

300000

250000

200000

150000

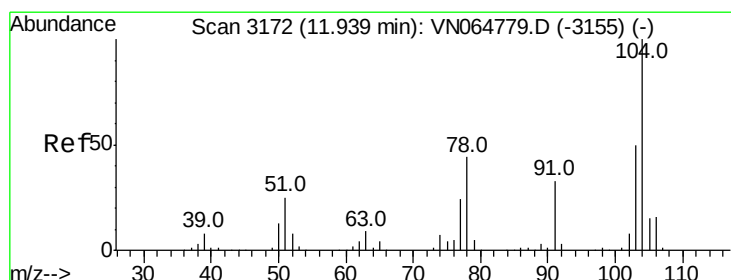
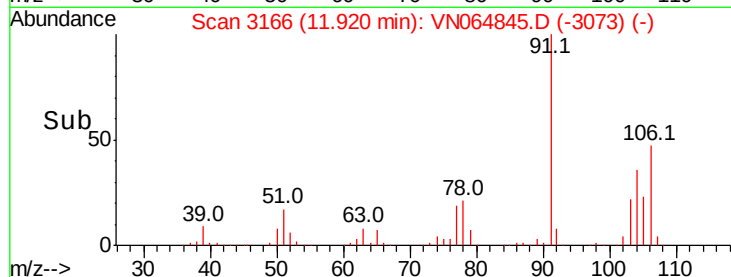
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#70

Styrene

Concen: 57.541 ug/l

RT: 11.94 min Scan# 3171

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

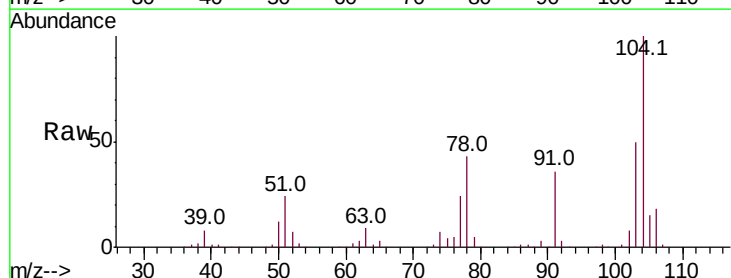
Tgt Ion:104 Resp: 346672

Ion Ratio Lower Upper

104 100

78 47.8 39.0 58.6

103 54.0 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

250000

200000

150000

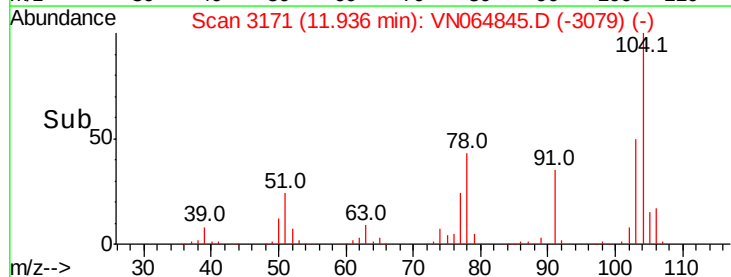
100000

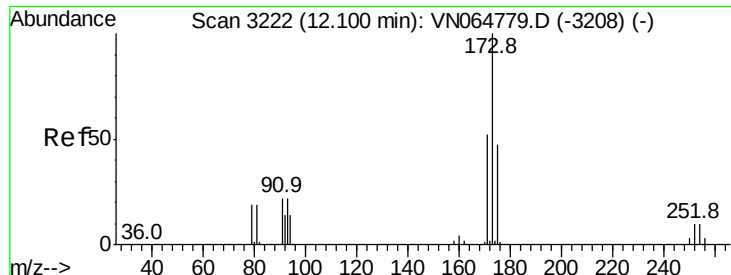
50000

0

11.90 11.95 12.00

Time-->

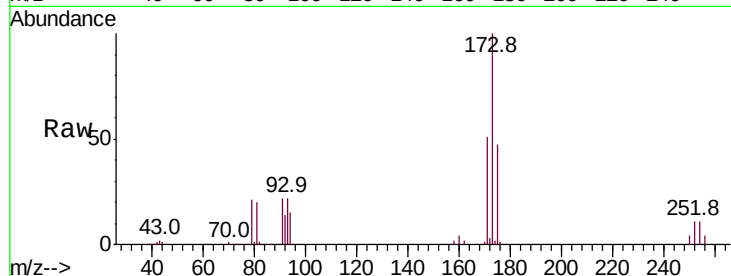




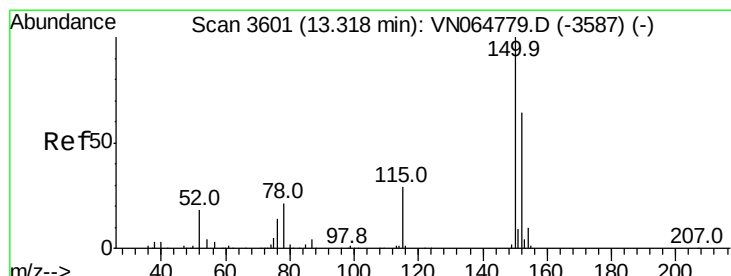
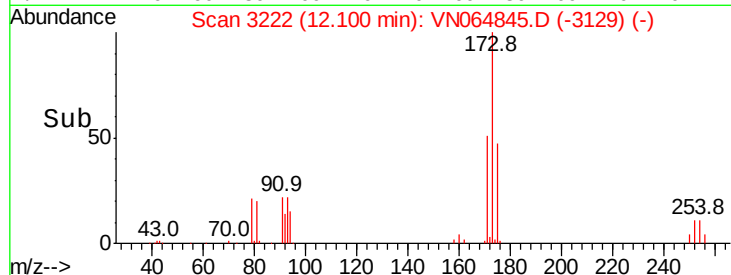
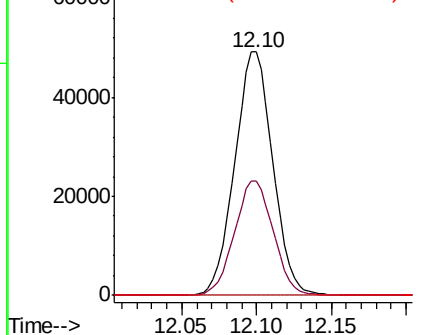
#71
Bromoform
Concen: 49.780 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 86883
Ion Ratio Lower Upper
173 100
175 47.8 24.3 72.8
254 0.0 0.0 0.0

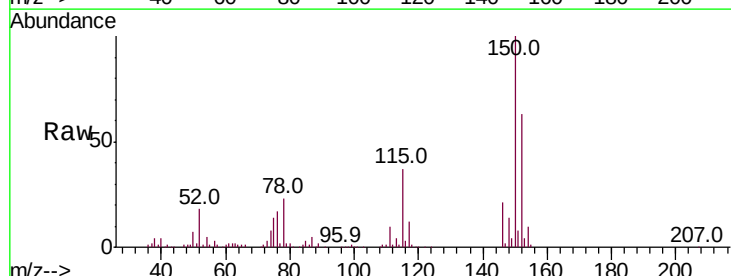


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

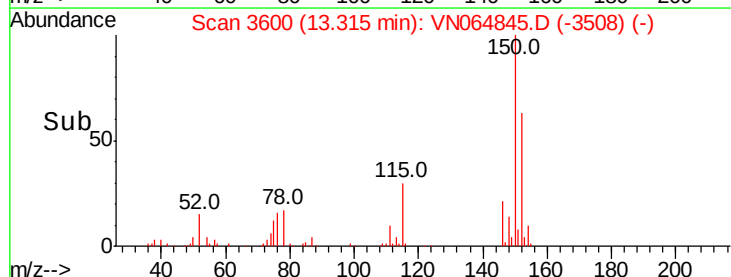
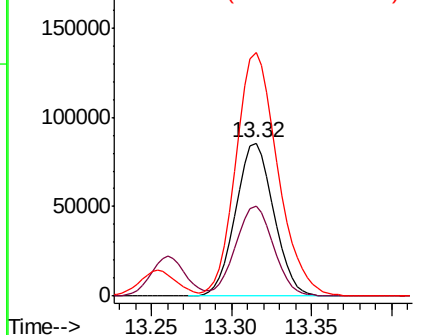


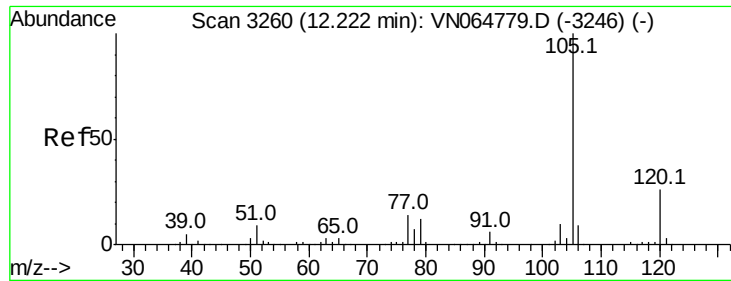
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Tgt Ion:152 Resp: 138901
Ion Ratio Lower Upper
152 100
115 58.8 29.7 89.1
150 175.3 0.0 350.6



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





#73

Isopropylbenzene

Concen: 56.218 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

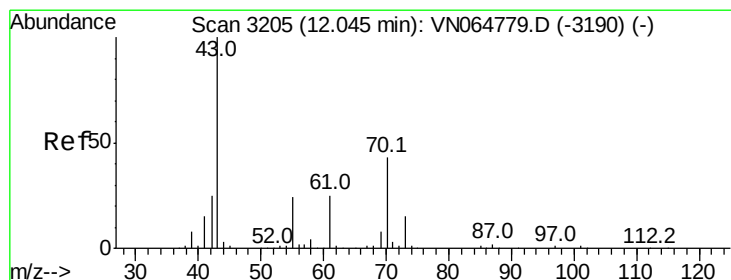
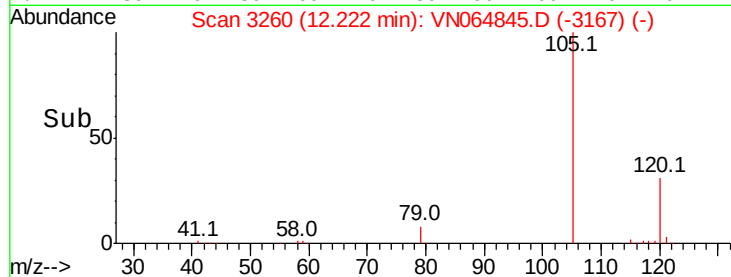
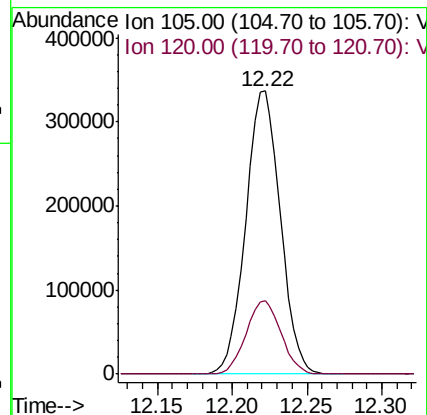
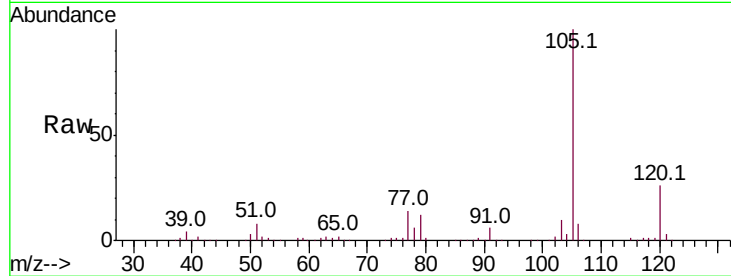
VSTDCCC050

Tot Ion:105 Resp: 543156

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 48.723 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Tgt Ion: 43 Resp: 185253

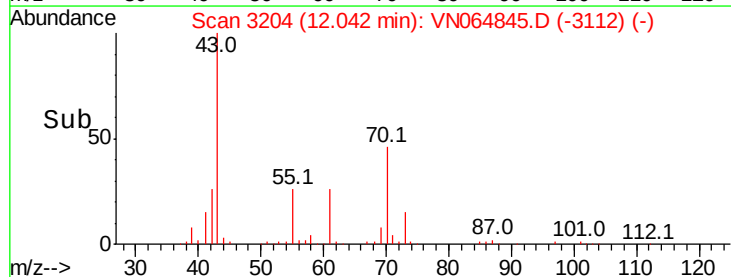
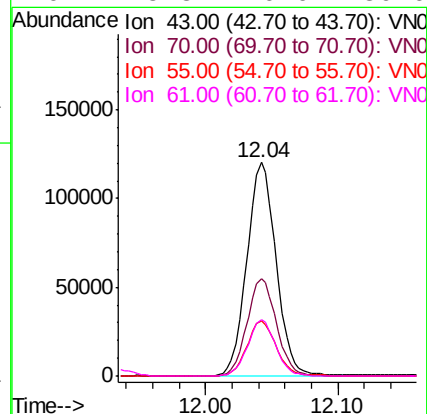
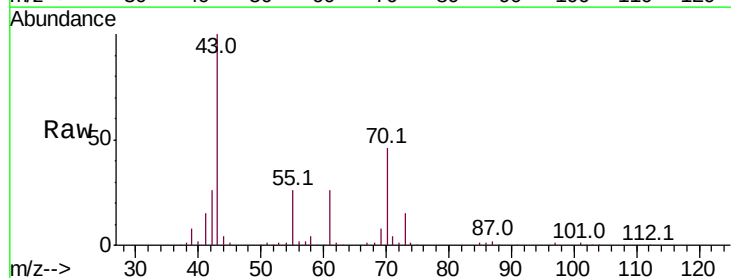
Ion Ratio Lower Upper

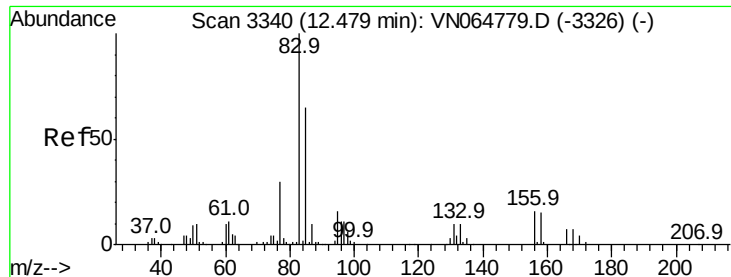
43 100

70 45.7 34.5 51.7

55 25.8 20.4 30.6

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.726 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

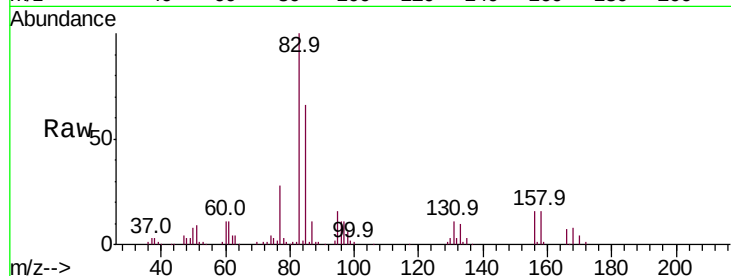
Tot Ion: 83 Resp: 140816

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

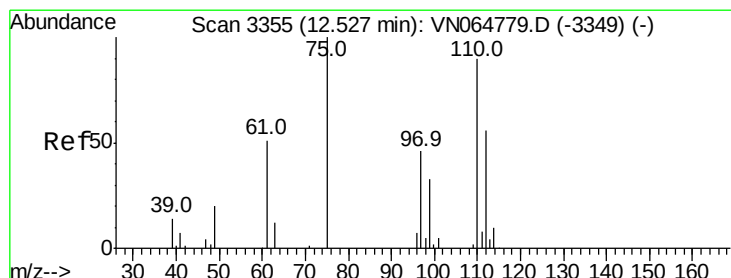
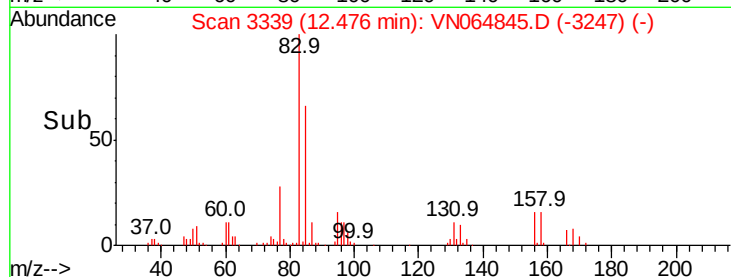
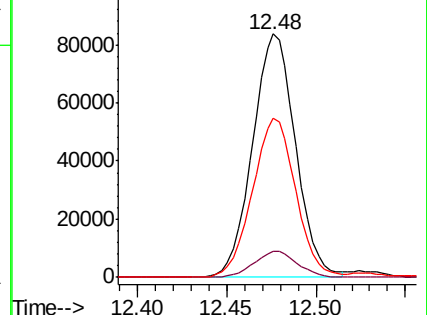
85 65.6 33.0 99.0



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

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

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



#76

1,2,3-Trichloropropane

Concen: 67.710 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064845.D

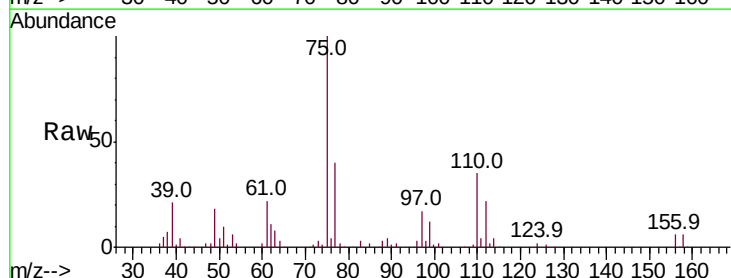
Acq: 25 Nov 2020 9:37

Tgt Ion: 75 Resp: 202543

Ion Ratio Lower Upper

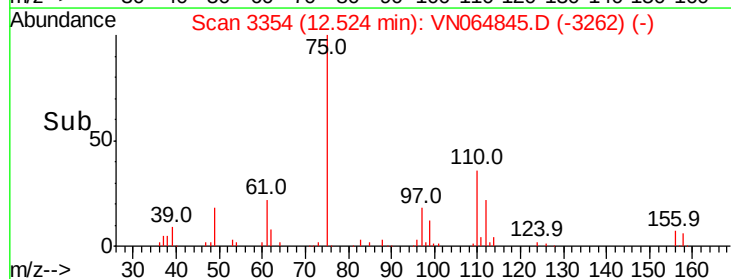
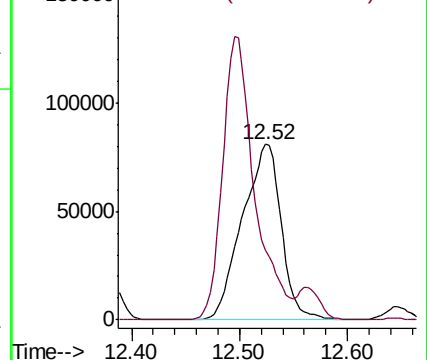
75 100

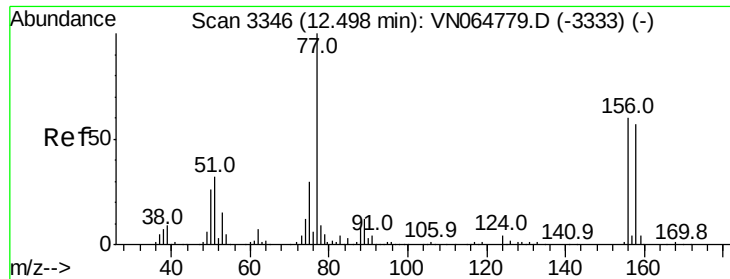
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 52.014 ug/l

RT: 12.50 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

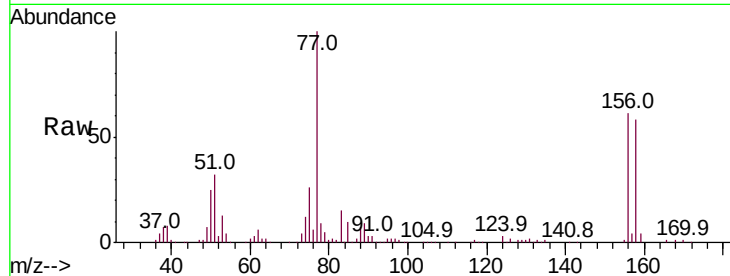
Tot Ion:156 Resp: 135482

Ion Ratio Lower Upper

156 100

77 198.8 101.3 303.7

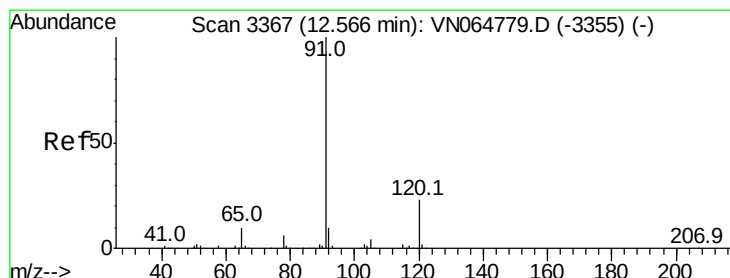
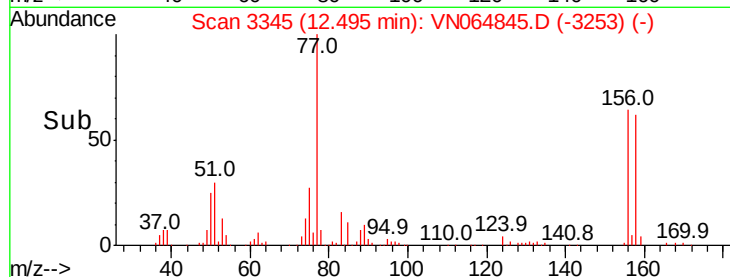
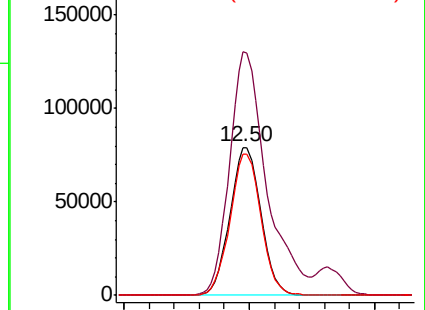
158 95.8 48.2 144.6



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: 55.438 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064845.D

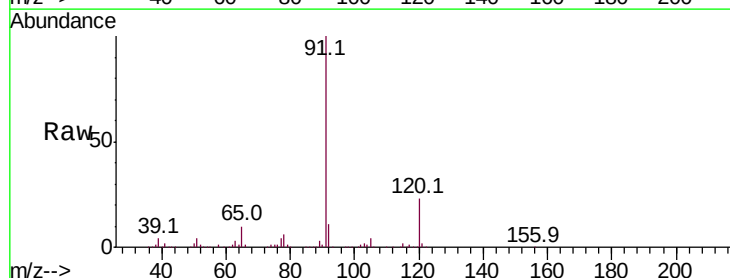
Acq: 25 Nov 2020 9:37

Tgt Ion: 91 Resp: 610169

Ion Ratio Lower Upper

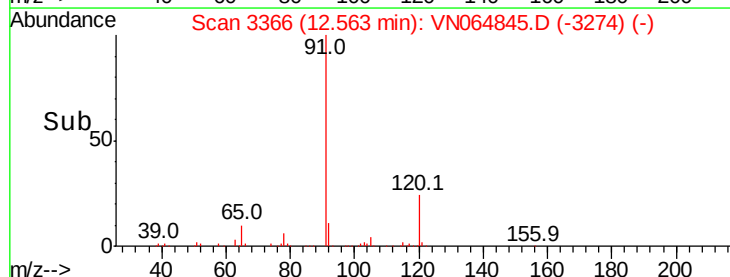
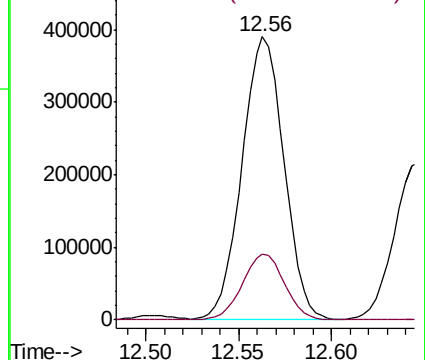
91 100

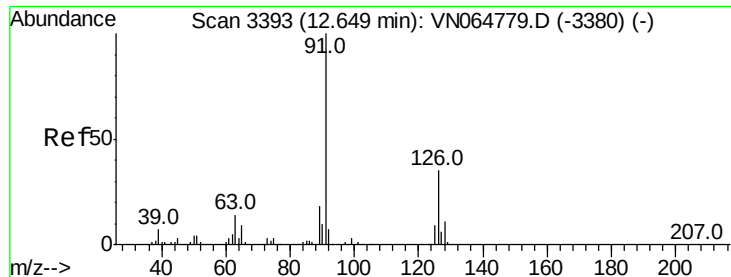
120 23.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.065 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

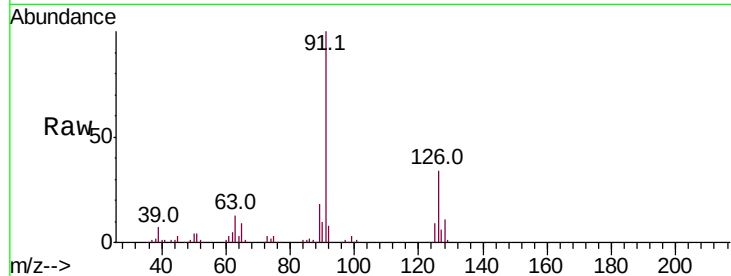
VSTDCCC050

Tot Ion: 91 Resp: 361028

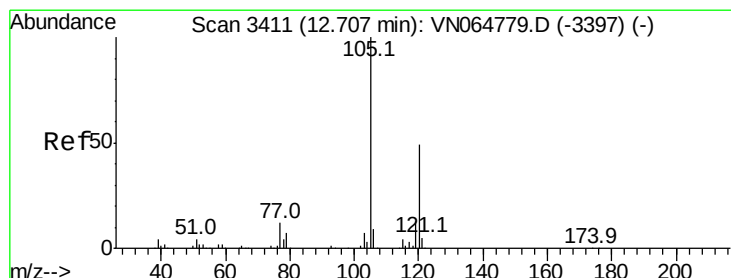
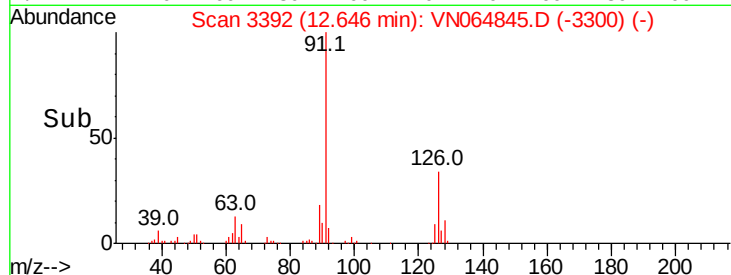
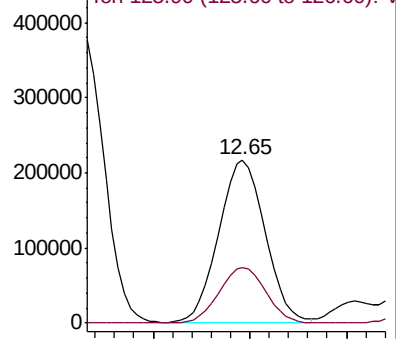
Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.6



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



#80

1,3,5-Trimethylbenzene

Concen: 56.937 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064845.D

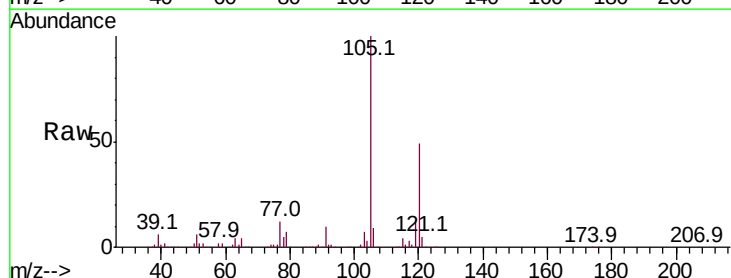
Acq: 25 Nov 2020 9:37

Tgt Ion: 105 Resp: 457242

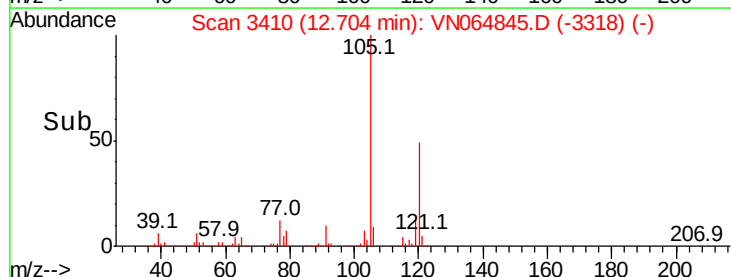
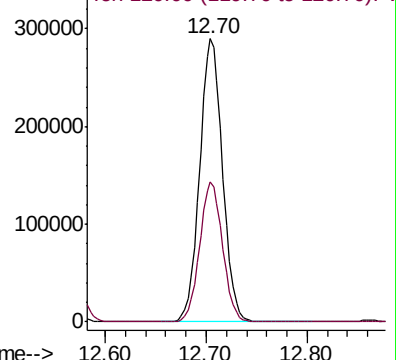
Ion Ratio Lower Upper

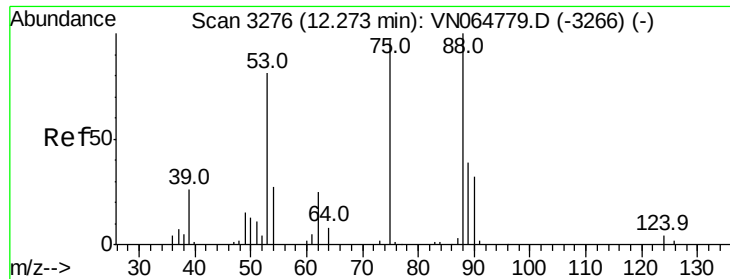
105 100

120 49.6 24.6 73.6



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

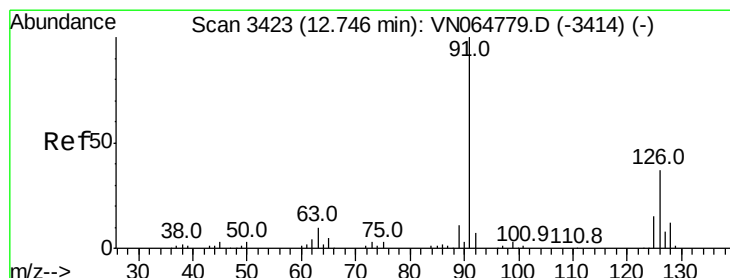
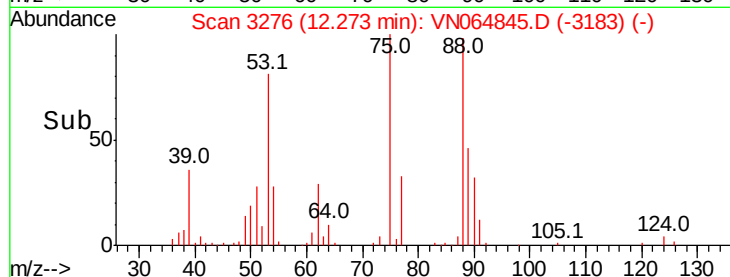
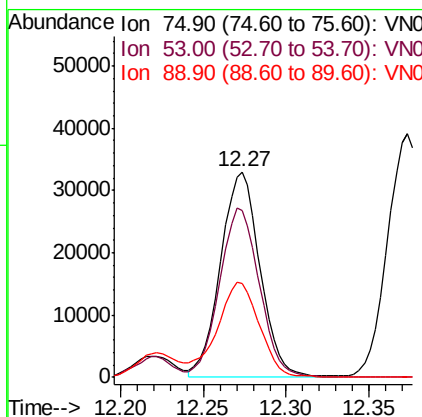
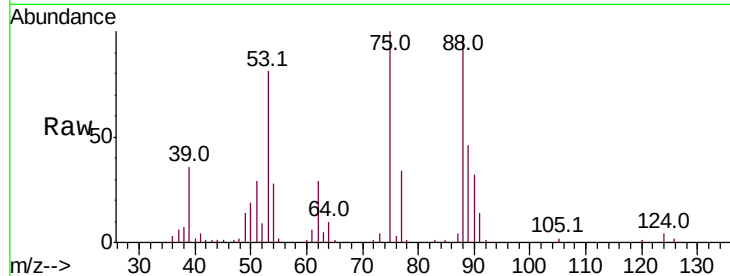




#81
trans-1,4-Dichloro-2-butene
Concen: 50.128 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

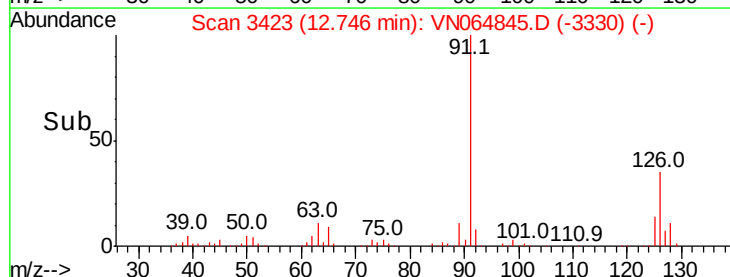
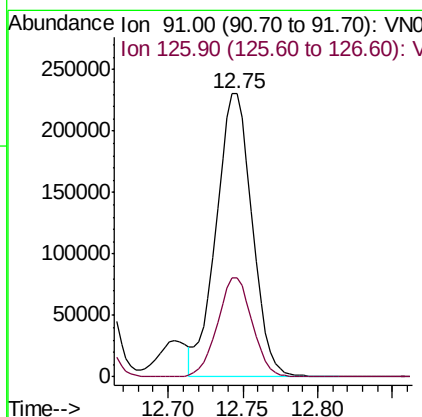
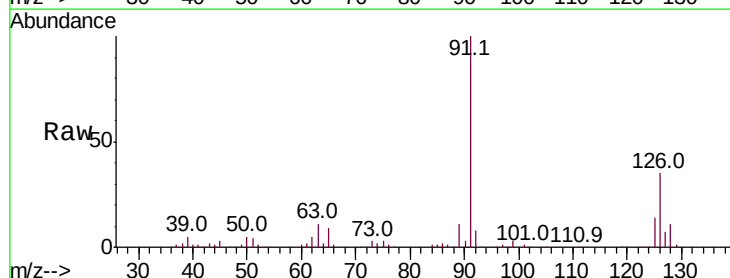
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

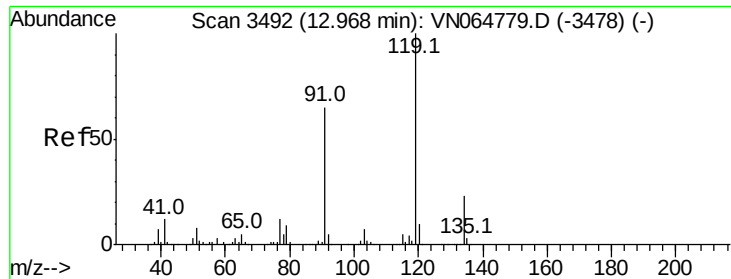
Tot Ion: 75 Resp: 54711
Ion Ratio Lower Upper
75 100
53 83.5 67.0 100.4
89 49.0 39.6 59.4



#82
4-Chlorotoluene
Concen: 53.850 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064845.D
Acq: 25 Nov 2020 9:37

Tgt Ion: 91 Resp: 384022
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.7

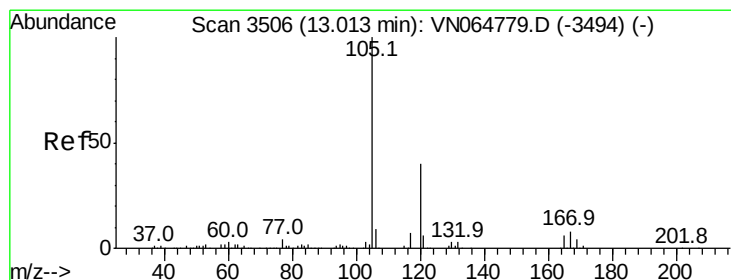
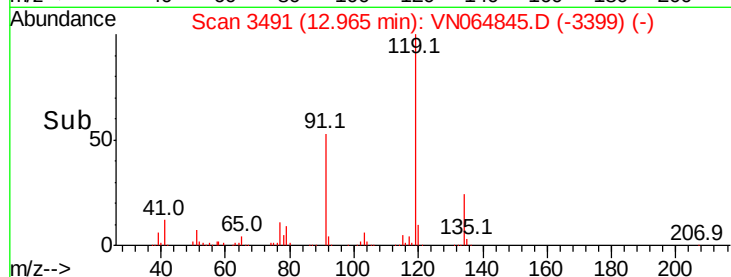
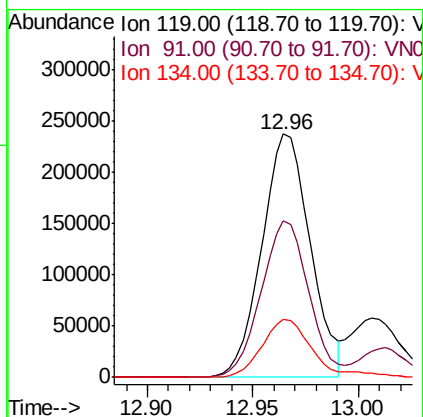
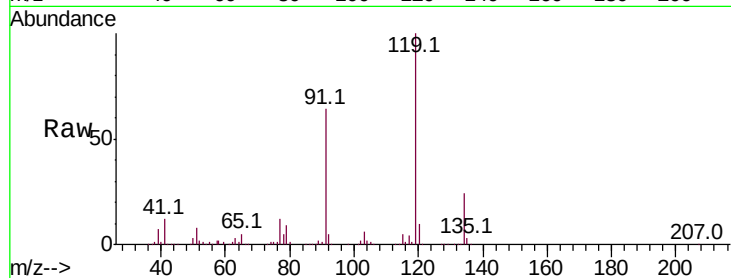




#83
 tert-Butylbenzene
 Concen: 56.449 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

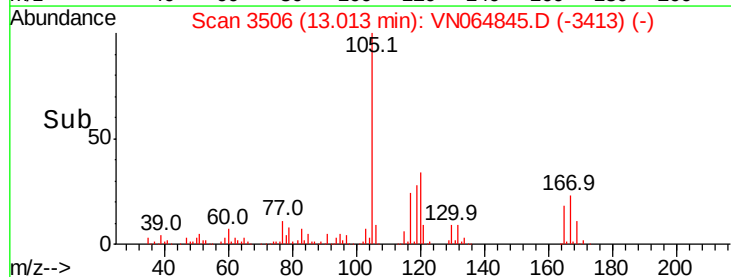
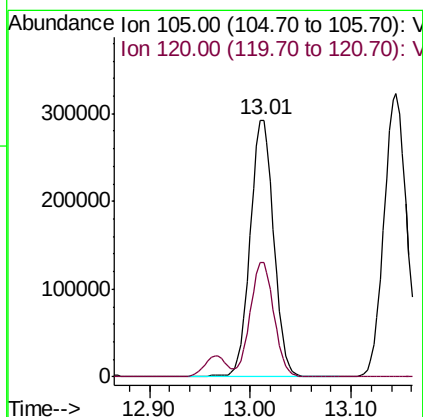
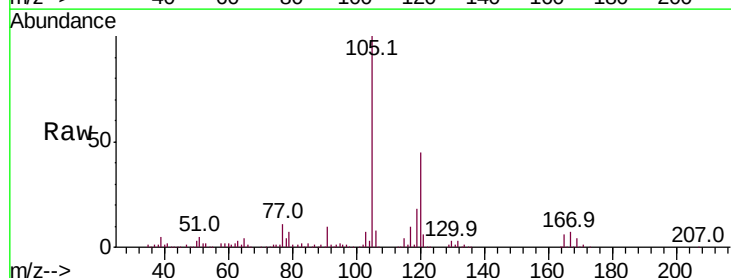
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

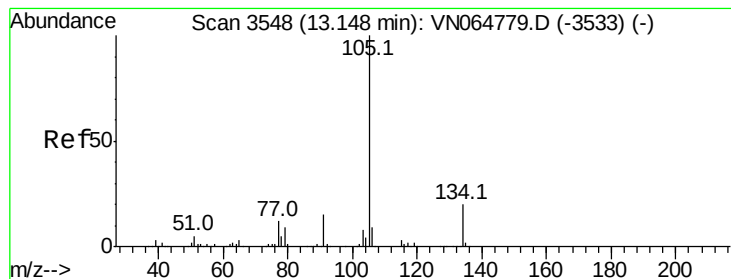
Tot Ion:119 Resp: 379970
 Ion Ratio Lower Upper
 119 100
 91 63.3 32.3 96.8
 134 24.9 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 57.839 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Tgt Ion:105 Resp: 469625
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 57.462 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

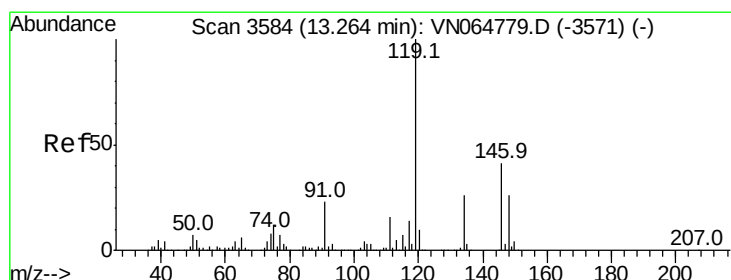
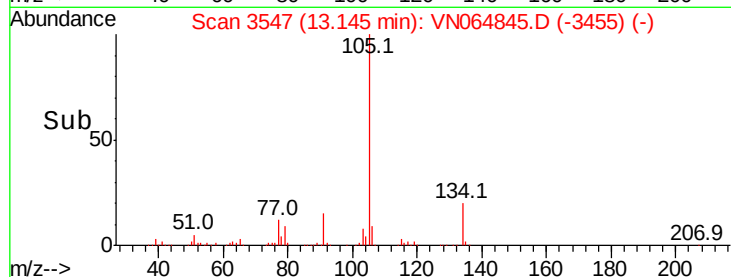
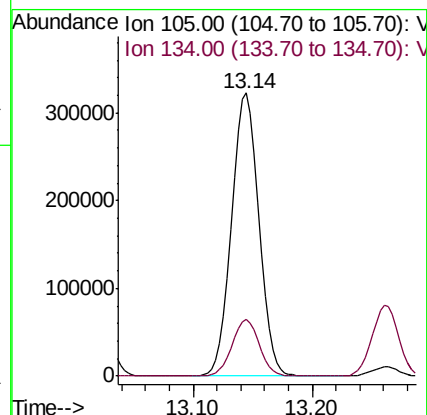
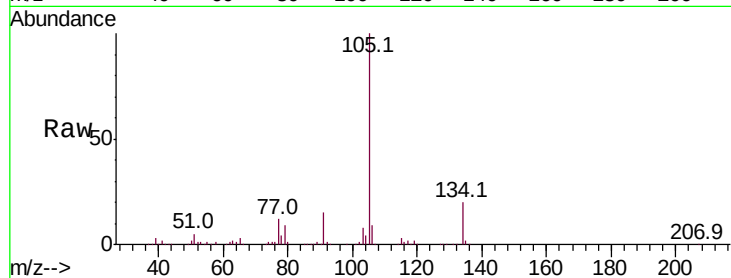
VSTDCCC050

Tot Ion:105 Resp: 513551

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 58.789 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

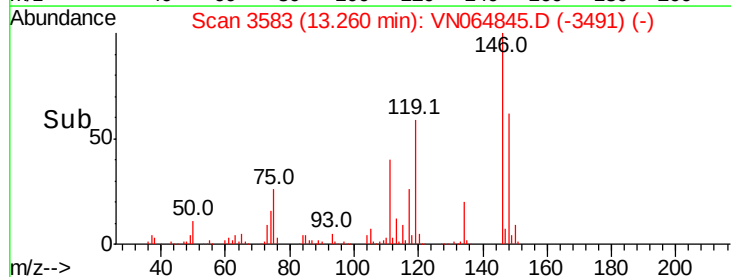
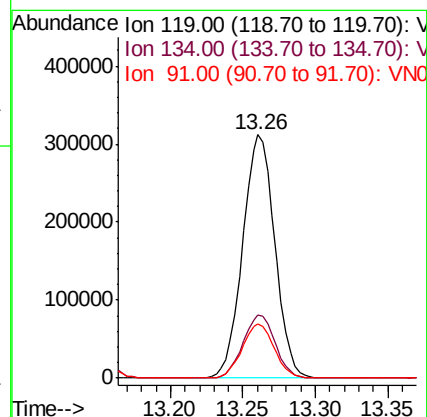
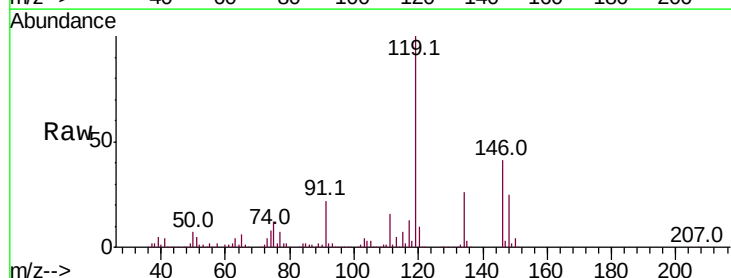
Tgt Ion:119 Resp: 478352

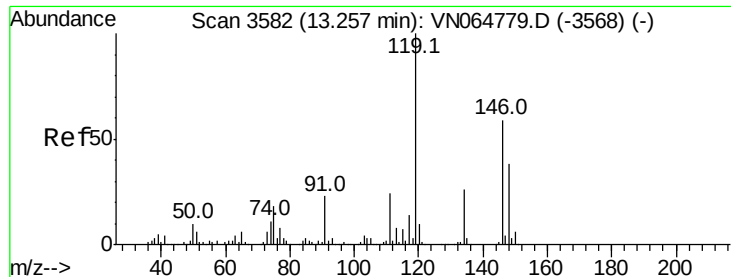
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 22.3 11.5 34.5

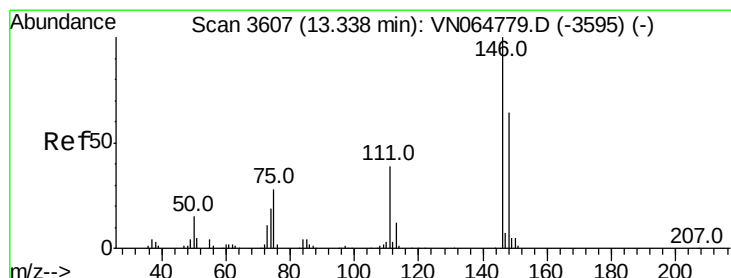
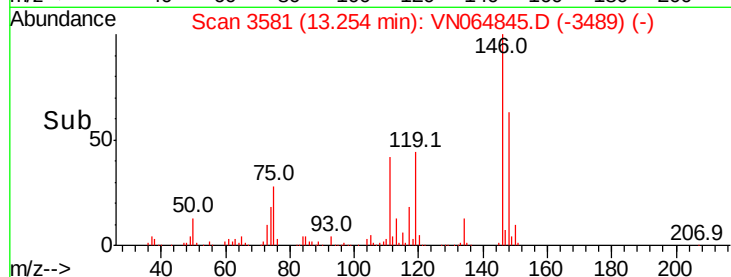
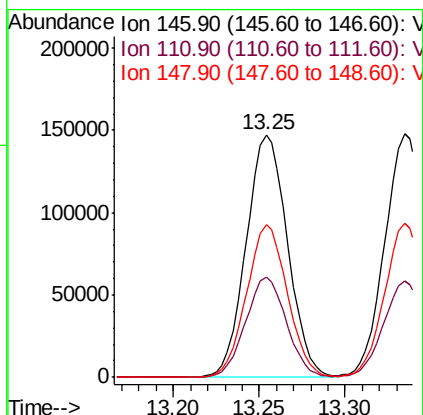
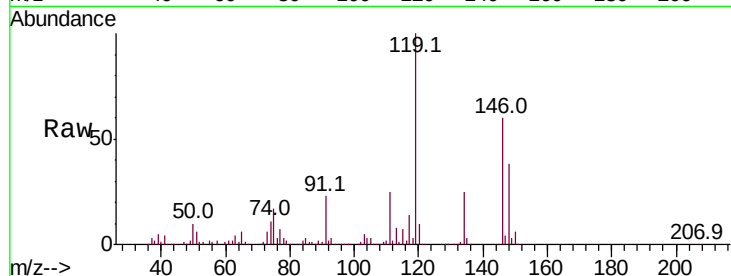




#87
 1,3-Dichlorobenzene
 Concen: 53.083 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

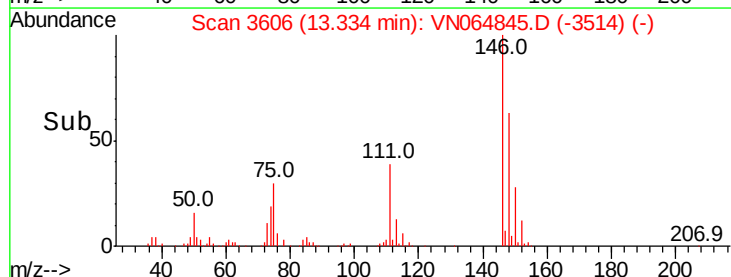
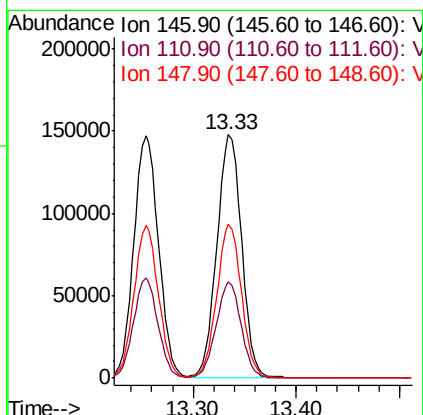
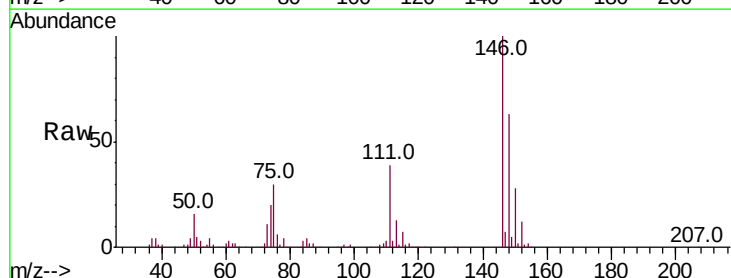
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

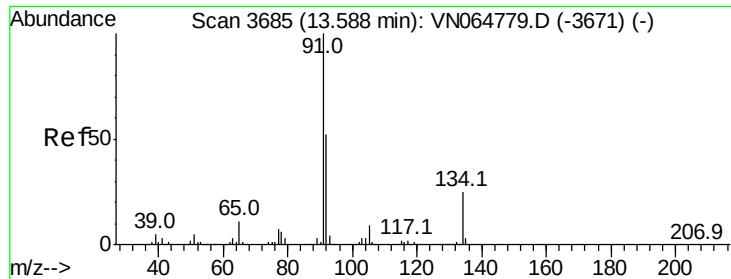
Tot Ion:146 Resp: 245654
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.9
 148 62.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.760 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Tgt Ion:146 Resp: 248422
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.8 59.3
 148 62.7 31.9 95.5





#89

n-Butylbenzene

Concen: 56.457 ug/l

RT: 13.59 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

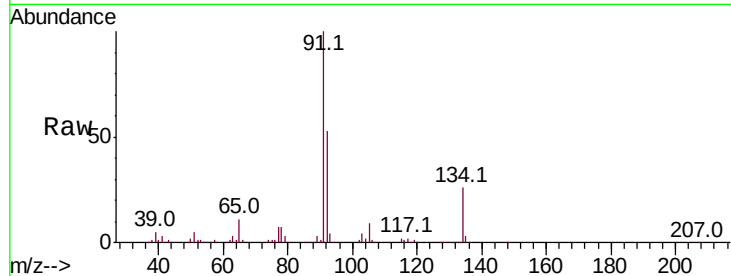
Tot Ion: 91 Resp: 403421

Ion Ratio Lower Upper

91 100

92 52.3 26.0 78.0

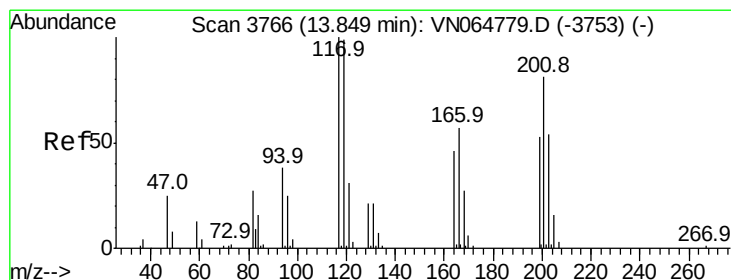
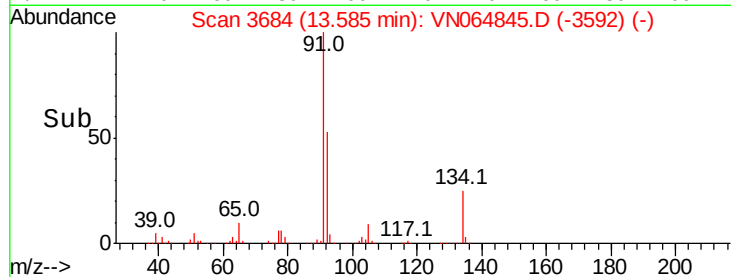
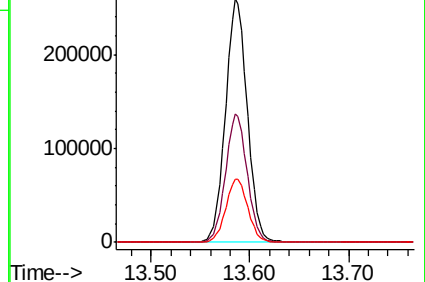
134 26.2 12.9 38.6



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: 55.853 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064845.D

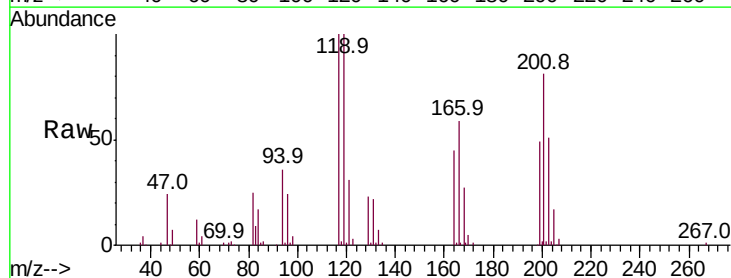
Acq: 25 Nov 2020 9:37

Tgt Ion: 117 Resp: 78949

Ion Ratio Lower Upper

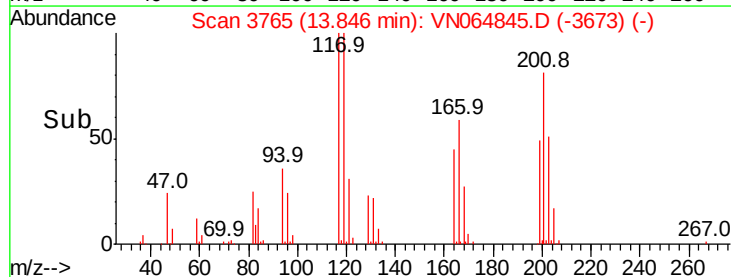
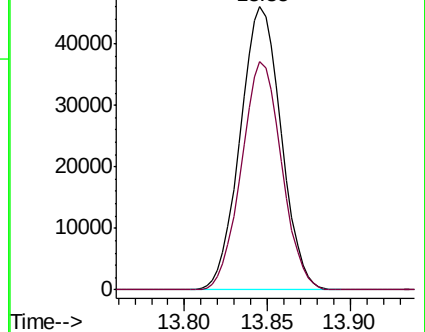
117 100

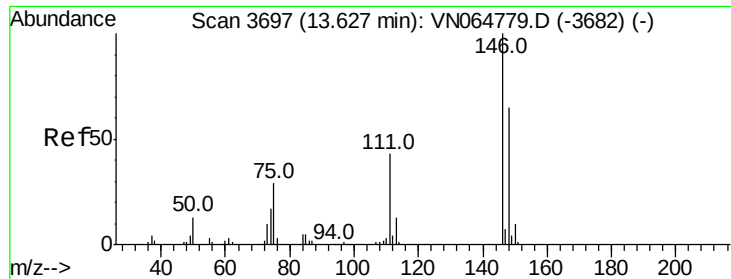
201 79.1 40.1 120.3



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

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

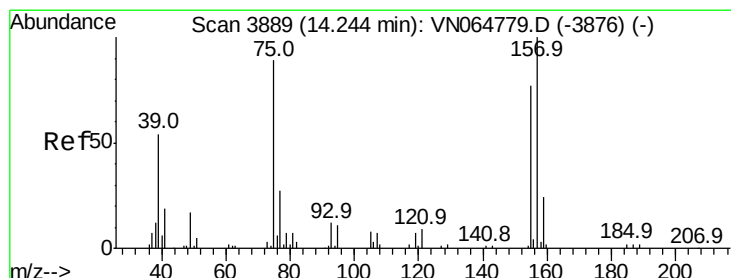
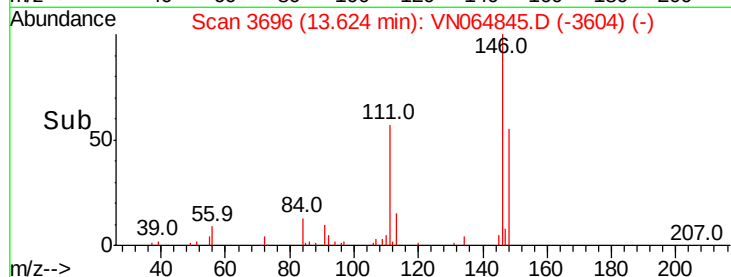
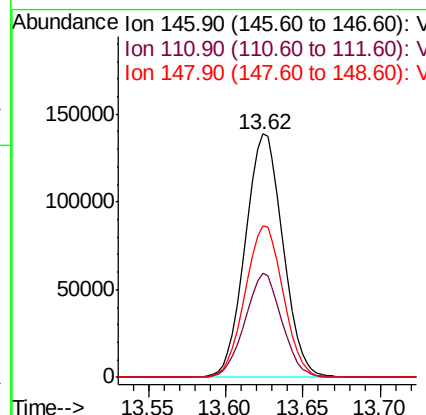
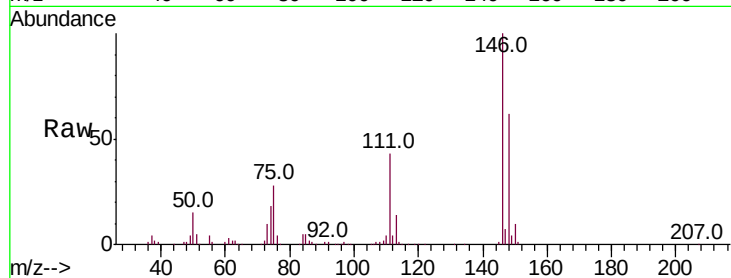




#91
 1,2-Dichlorobenzene
 Concen: 51.915 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

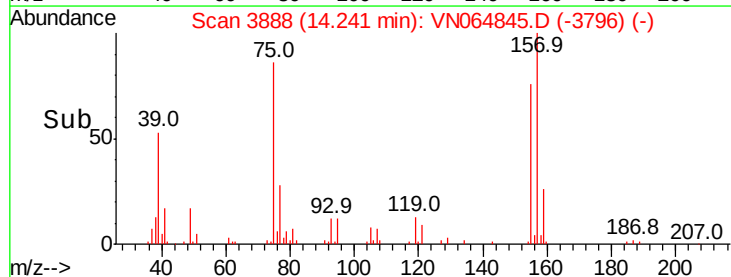
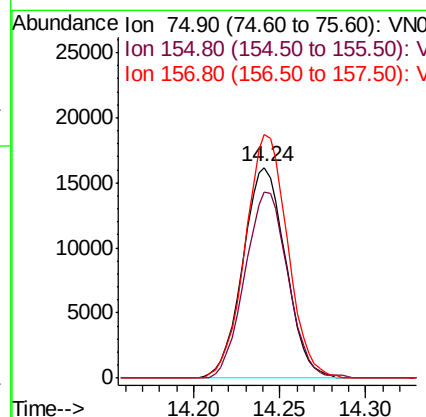
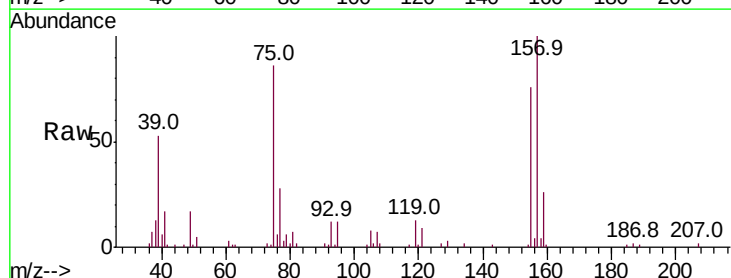
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

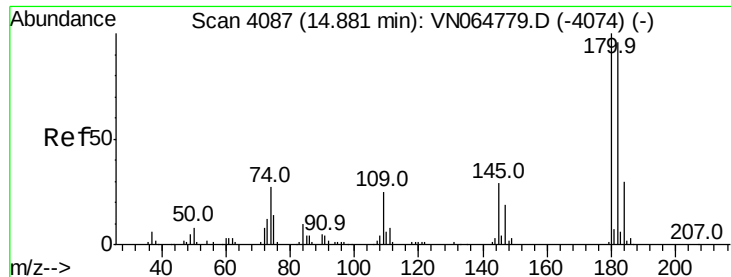
Tot Ion:146 Resp: 235898
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.1 63.1
 148 63.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.975 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Tgt Ion: 75 Resp: 28020
 Ion Ratio Lower Upper
 75 100
 155 88.7 42.8 128.3
 157 114.3 56.4 169.1

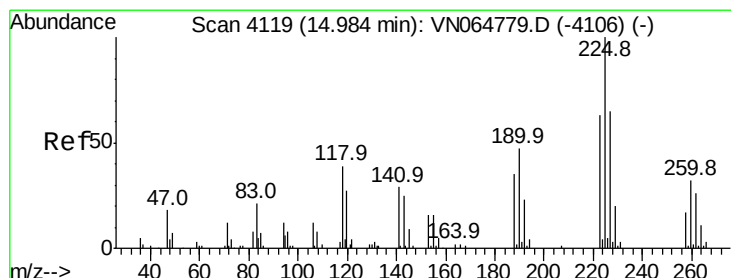
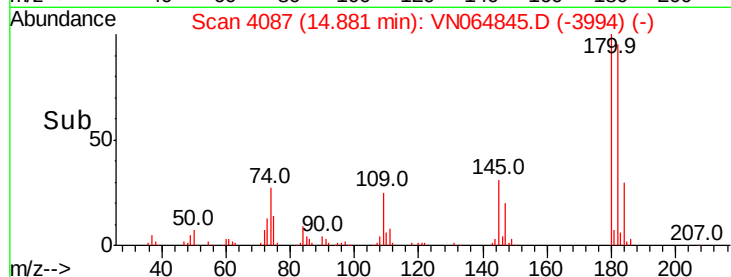
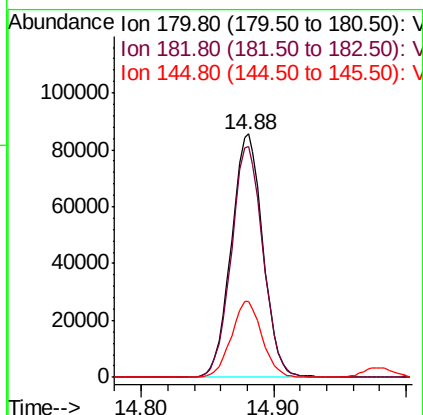
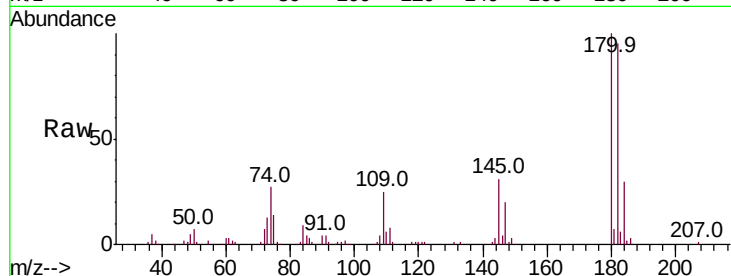




#93
 1,2,4-Trichlorobenzene
 Concen: 50.295 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

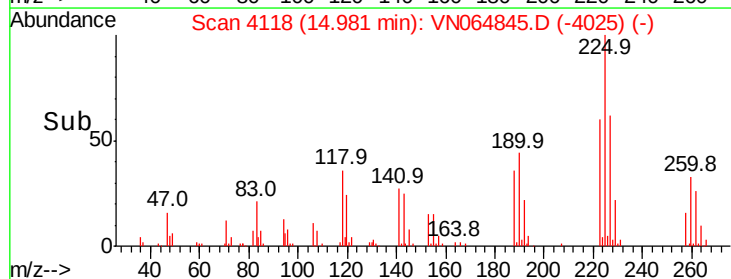
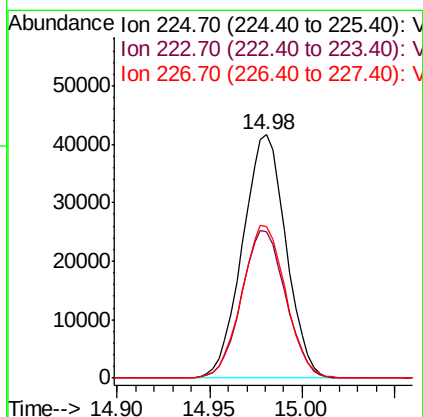
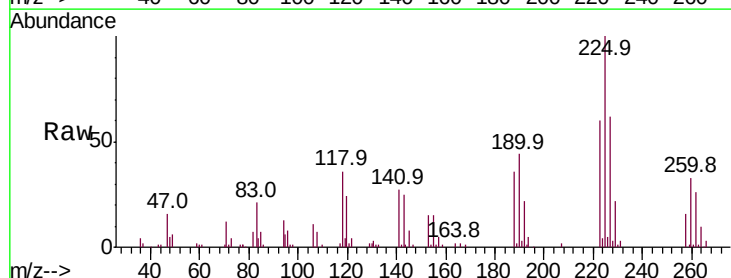
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

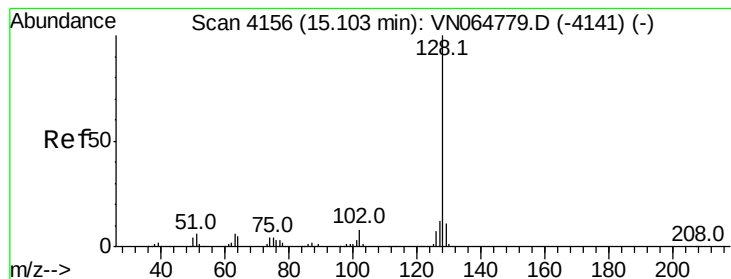
Tot Ion:180 Resp: 141377
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.9
 145 30.3 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 53.758 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064845.D
 Acq: 25 Nov 2020 9:37

Tgt Ion:225 Resp: 68082
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.0 93.0
 227 63.3 32.0 96.0





#95

Naphthalene

Concen: 48.190 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

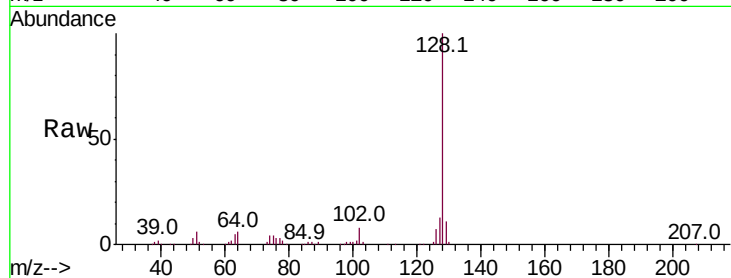
Tot Ion:128 Resp: 405815

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

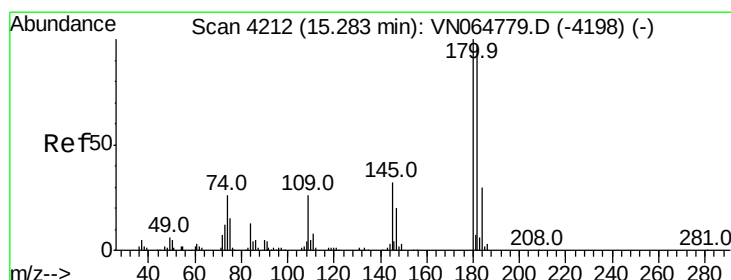
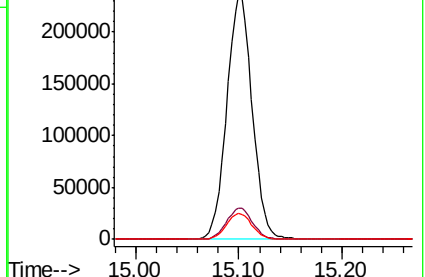
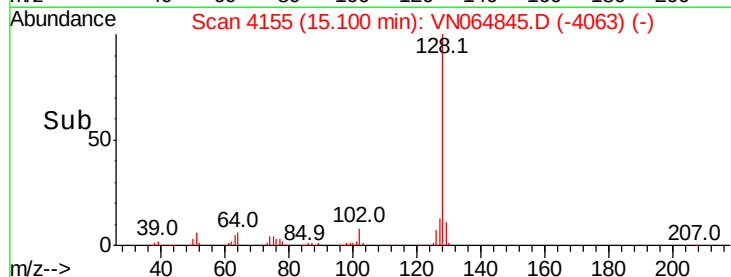
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.706 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064845.D

Acq: 25 Nov 2020 9:37

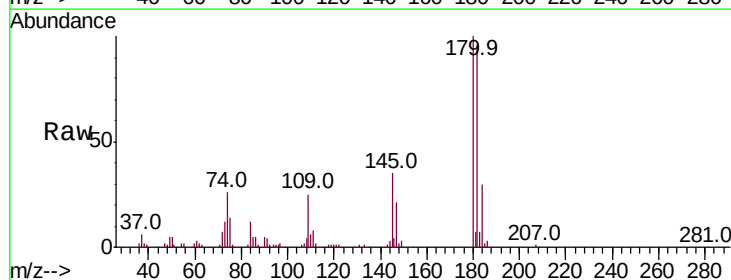
Tgt Ion:180 Resp: 132755

Ion Ratio Lower Upper

180 100

182 96.8 48.1 144.4

145 33.9 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

