

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063475.D
 Acq On : 21 Sep 2020 10:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 22 02:22:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	308050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	521243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	482125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	236894	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	226305	43.16	ug/l	0.00
Spiked Amount			Recovery	=	86.32%	
35) Dibromofluoromethane	7.54	113	162122	44.93	ug/l	0.00
Spiked Amount			Recovery	=	89.86%	
50) Toluene-d8	10.06	98	623229	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	
62) 4-Bromofluorobenzene	12.37	95	241913	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	162955	46.693	ug/l	100
3) Chloromethane	2.04	50	184583	39.981	ug/l	99
4) Vinyl Chloride	2.16	62	185151	45.265	ug/l	97
5) Bromomethane	2.53	94	116885	48.128	ug/l	98
6) Chloroethane	2.67	64	106869	42.563	ug/l	99
7) Trichlorofluoromethane	2.98	101	292565	47.939	ug/l	99
8) Diethyl Ether	3.37	74	108676	45.680	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	164813	48.021	ug/l	99
10) Methyl Iodide	3.91	142	209571	46.901	ug/l	99
11) Tert butyl alcohol	4.72	59	147655	203.254	ug/l	99
12) 1,1-Dichloroethene	3.69	96	158565	45.613	ug/l	98
13) Acrolein	3.56	56	54943	204.087	ug/l	98
14) Allyl chloride	4.27	41	295324	42.948	ug/l	96
15) Acrylonitrile	4.92	53	402847	218.007	ug/l	99
16) Acetone	3.77	43	359937	213.577	ug/l	99
17) Carbon Disulfide	4.01	76	448139	44.319	ug/l	99
18) Methyl Acetate	4.27	43	197521	46.168	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	582191	44.935	ug/l	99
20) Methylene Chloride	4.50	84	184571	43.226	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	169838	44.097	ug/l	97
22) Diisopropyl ether	5.90	45	620052	44.214	ug/l	99
23) Vinyl Acetate	5.84	43	2597634	225.540	ug/l	98
24) 1,1-Dichloroethane	5.79	63	341517	44.605	ug/l	99
25) 2-Butanone	6.78	43	557613	215.135	ug/l	97
26) 2,2-Dichloropropane	6.77	77	313097	46.446	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	201571	46.238	ug/l	100
28) Bromochloromethane	7.15	49	155812	44.075	ug/l	93
29) Tetrahydrofuran	7.16	42	375999	212.402	ug/l	99
30) Chloroform	7.32	83	354569	46.158	ug/l	99
31) Cyclohexane	7.61	56	300977	41.558	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	319941	46.828	ug/l	98
36) 1,1-Dichloropropene	7.75	75	259331	46.700	ug/l	99
37) Ethyl Acetate	6.88	43	239159	43.881	ug/l	99
38) Carbon Tetrachloride	7.73	117	271289	47.858	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	284020	47.125	ug/l	95
40) Benzene	8.00	78	744560	46.969	ug/l	100
41) Methacrylonitrile	7.12	41	114688	46.787	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	298704	46.856	ug/l	100
43) Isopropyl Acetate	8.12	43	431699	44.298	ug/l #	90
44) Trichloroethene	8.80	130	186306	48.456	ug/l	97
45) 1,2-Dichloropropane	9.08	63	200880	46.528	ug/l	96
46) Dibromomethane	9.17	93	134990	47.571	ug/l	98
47) Bromodichloromethane	9.37	83	286488	48.597	ug/l	99
48) Methyl methacrylate	9.16	41	212360	44.353	ug/l	97
49) 1,4-Dioxane	9.16	88	62136	904.317	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	1242758	227.786	ug/l	100
52) Toluene	10.12	92	472542	49.580	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	320582	48.711	ug/l	99
54) cis-1,3-Dichloropropene	9.80	75	334549	48.193	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	181693	47.995	ug/l	96
56) Ethyl methacrylate	10.40	69	282584	47.815	ug/l	98
57) 1,3-Dichloropropane	10.68	76	317649	46.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	661871	213.492	ug/l	97
59) 2-Hexanone	10.72	43	929384	235.133	ug/l	99
60) Dibromochloromethane	10.87	129	210820	49.294	ug/l	99
61) 1,2-Dibromoethane	10.97	107	193959	49.315	ug/l	99
64) Tetrachloroethene	10.60	164	168722	51.394	ug/l	98
65) Chlorobenzene	11.40	112	492552	48.128	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	188670	50.292	ug/l	99
67) Ethyl Benzene	11.48	91	929827	48.245	ug/l	100
68) m/p-Xylenes	11.59	106	685435	98.640	ug/l	99
69) o-Xylene	11.92	106	329750	49.815	ug/l	98
70) Styrene	11.94	104	559753	50.425	ug/l	99
71) Bromoform	12.10	173	142139	50.859	ug/l #	99
73) Isopropylbenzene	12.22	105	902115	47.521	ug/l	100
74) N-amyl acetate	12.04	43	403761	44.931	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	264077	44.928	ug/l	100
76) 1,2,3-Trichloropropane	12.52	75	365274	62.297	ug/l #	100
77) Bromobenzene	12.50	156	203978	47.768	ug/l	97
78) n-propylbenzene	12.56	91	1064715	48.155	ug/l	99
79) 2-Chlorotoluene	12.65	91	626023	47.233	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	778191	49.160	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	98081	45.860	ug/l	98
82) 4-Chlorotoluene	12.75	91	682169	48.713	ug/l	98
83) tert-Butylbenzene	12.97	119	618170	47.315	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	786959	49.218	ug/l	100
85) sec-Butylbenzene	13.14	105	855211	48.902	ug/l	100
86) p-Isopropyltoluene	13.26	119	770841	49.974	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	386445	48.827	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	387864	48.201	ug/l	100
89) n-Butylbenzene	13.59	91	726345	51.087	ug/l	100
90) Hexachloroethane	13.85	117	136177	46.364	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	377737	48.612	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	62423	44.598	ug/l	98

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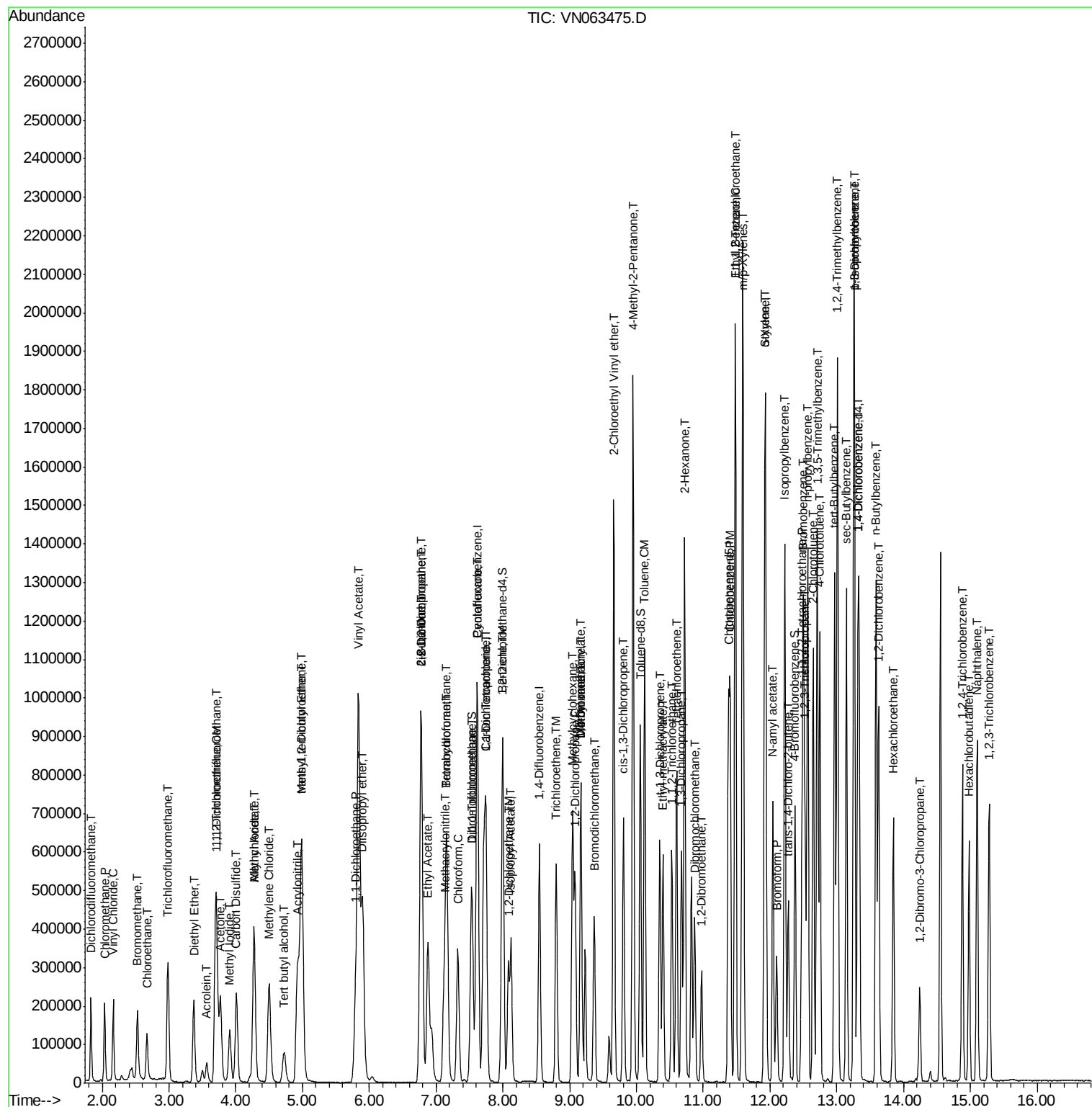
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	232294	50.709	ug/l	98
94) Hexachlorobutadiene	14.98	225	105038	55.386	ug/l	97
95) Naphthalene	15.10	128	721334	47.662	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	219746	49.647	ug/l	99

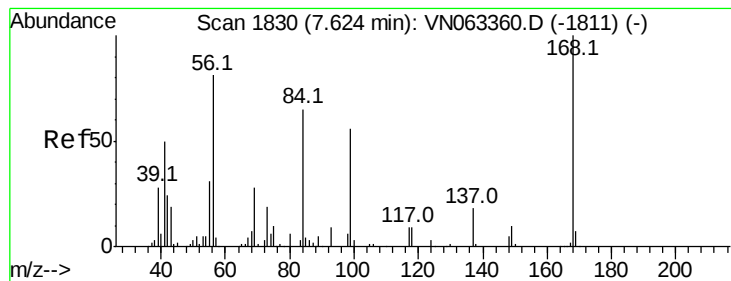
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

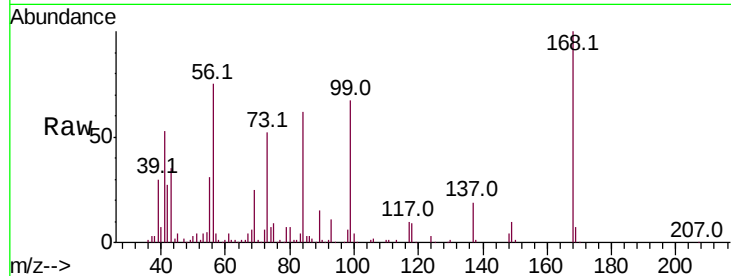
VSTDCCC050

Tot Ion:168 Resp: 308050

Ion Ratio Lower Upper

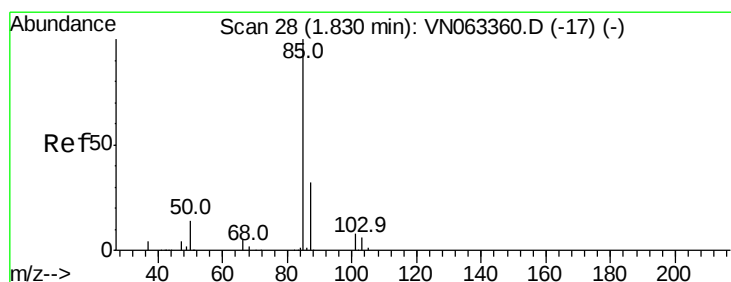
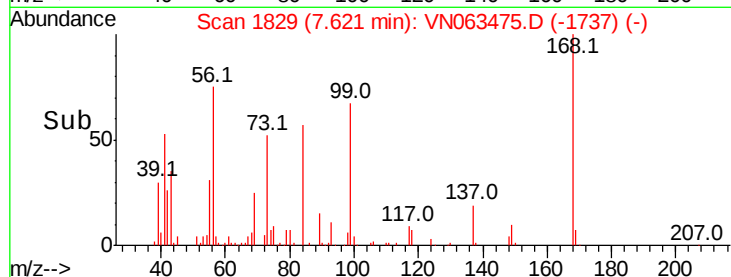
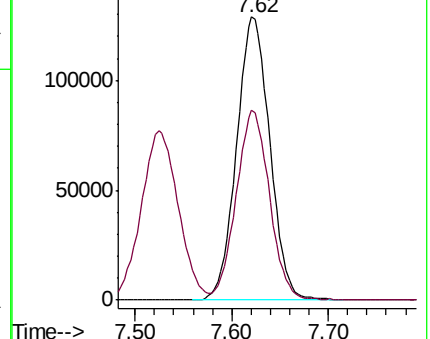
168 100

99 66.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 46.693 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063475.D

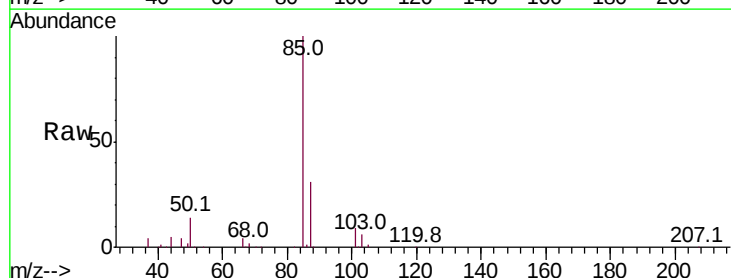
Acq: 21 Sep 2020 10:30

Tgt Ion: 85 Resp: 162955

Ion Ratio Lower Upper

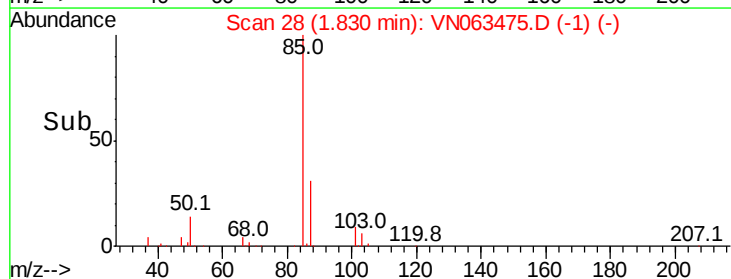
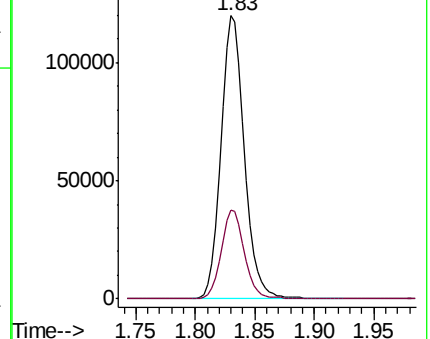
85 100

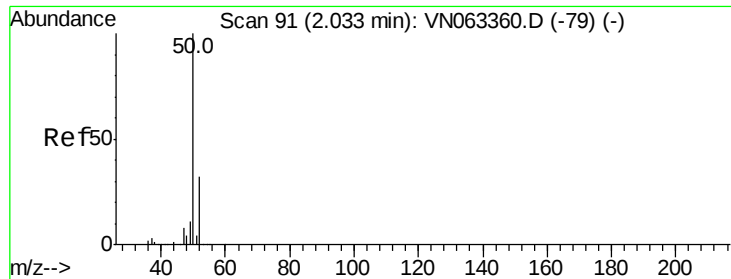
87 31.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 39.981 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063475.D

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ClientSampleId :

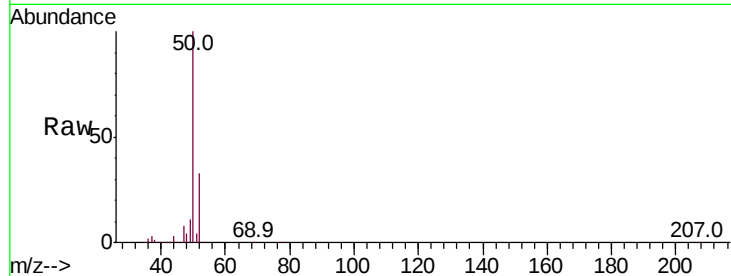
VSTDCCC050

Tot Ion: 50 Resp: 184583

Ion Ratio Lower Upper

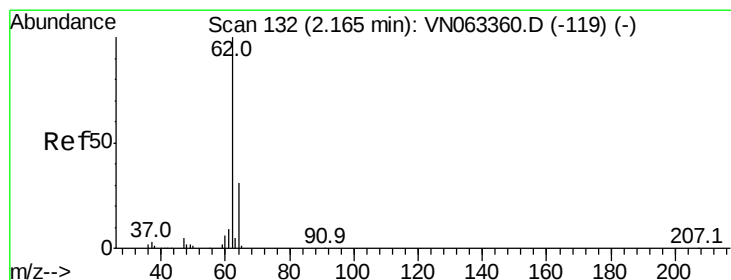
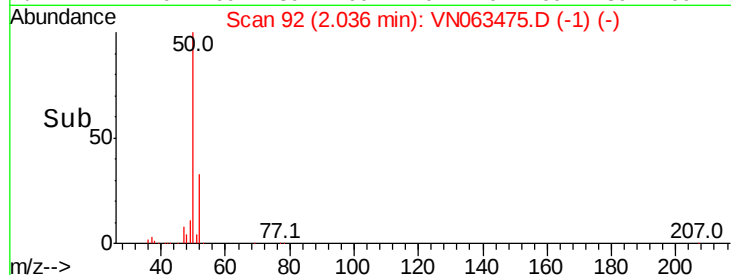
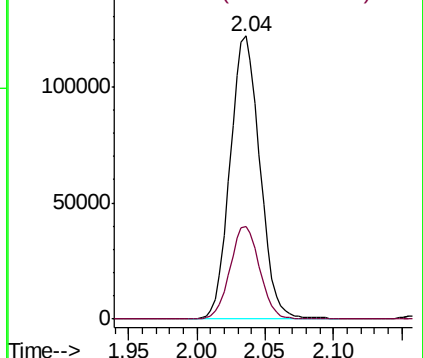
50 100

52 32.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 45.265 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063475.D

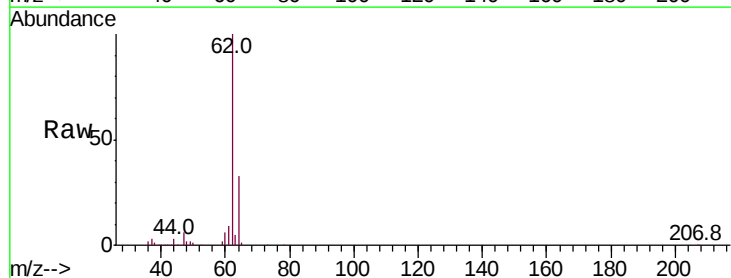
Acq: 21 Sep 2020 10:30

Tgt Ion: 62 Resp: 185151

Ion Ratio Lower Upper

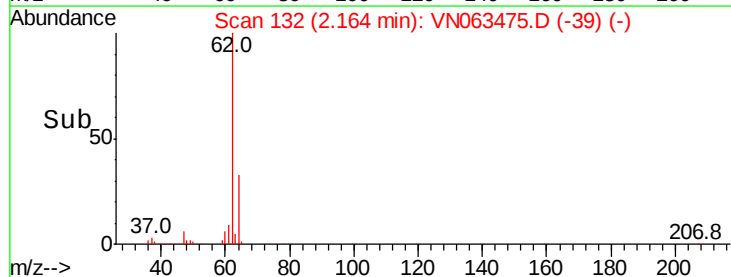
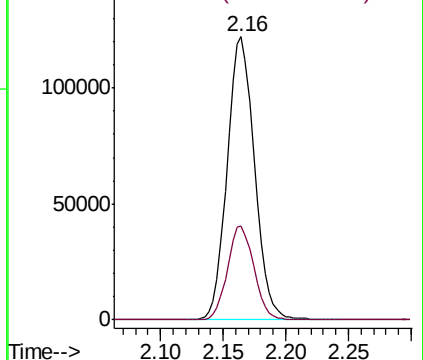
62 100

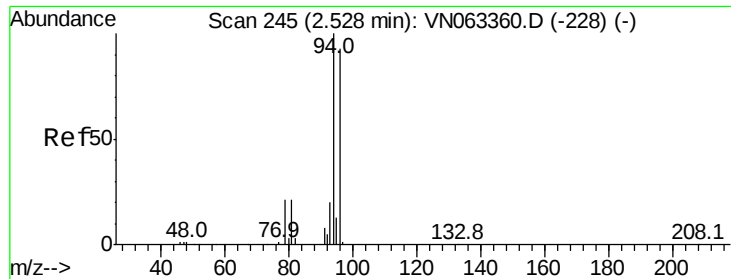
64 33.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 48.128 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

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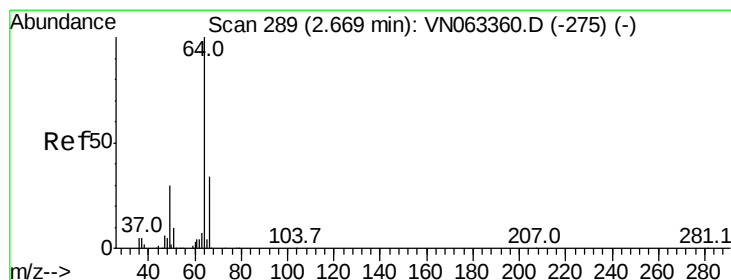
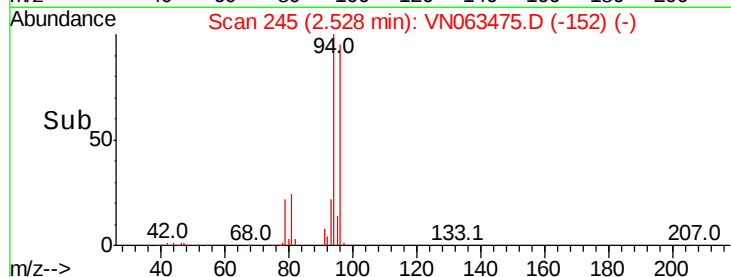
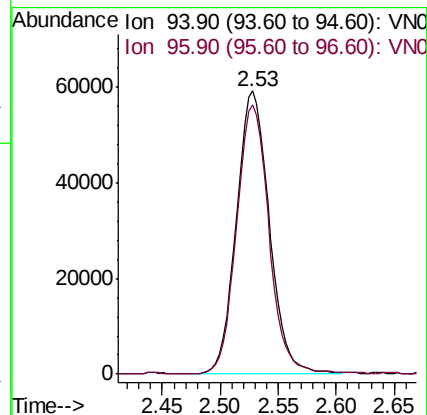
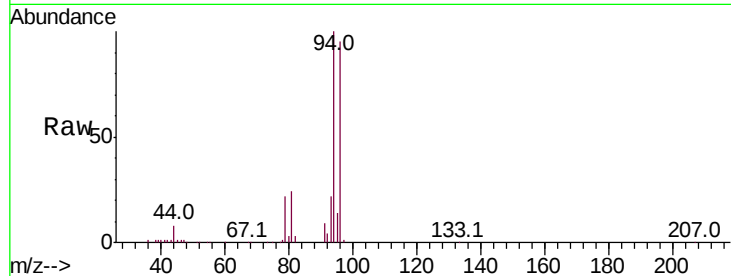
VSTDCCC050

Tot Ion: 94 Resp: 116885

Ion Ratio Lower Upper

94 100

96 95.1 74.5 111.7



#6

Chloroethane

Concen: 42.563 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063475.D

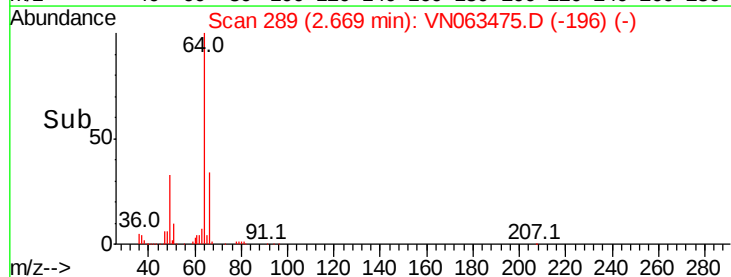
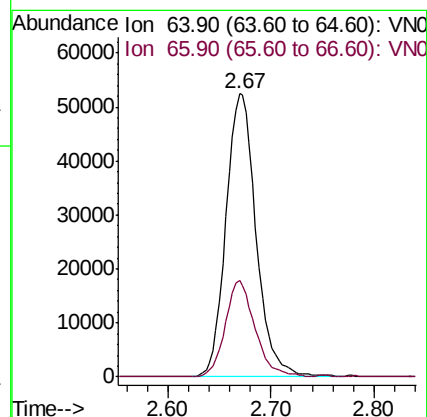
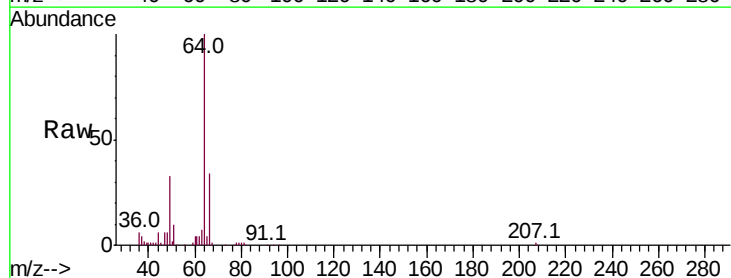
Acq: 21 Sep 2020 10:30

Tgt Ion: 64 Resp: 106869

Ion Ratio Lower Upper

64 100

66 34.1 26.9 40.3



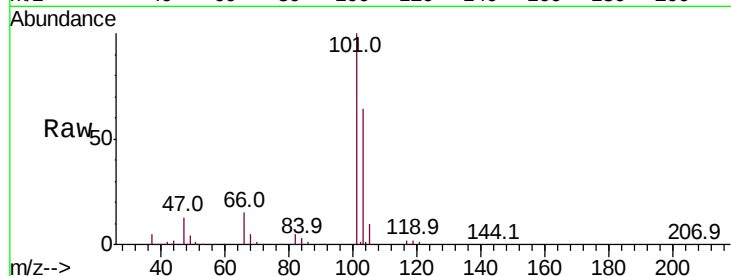


#7

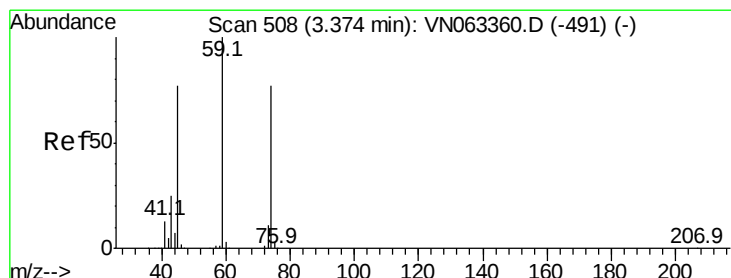
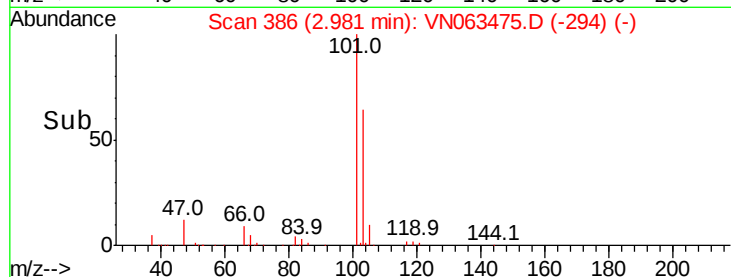
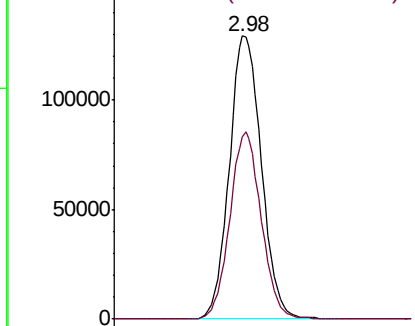
Trichlorofluoromethane
 Concen: 47.939 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063475.D
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Instrument :
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Tot Ion:101 Resp: 292565
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5



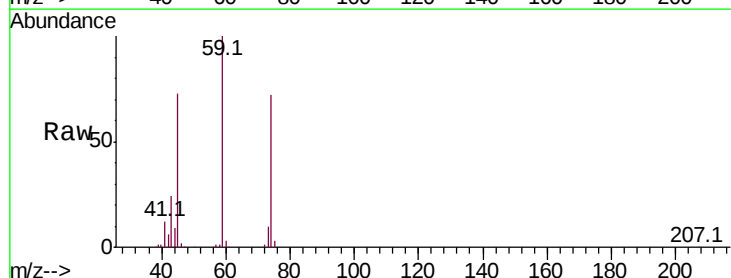
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



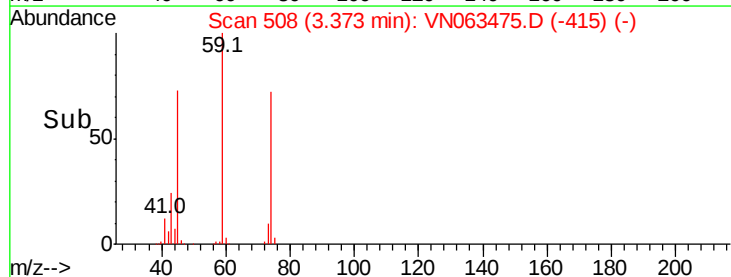
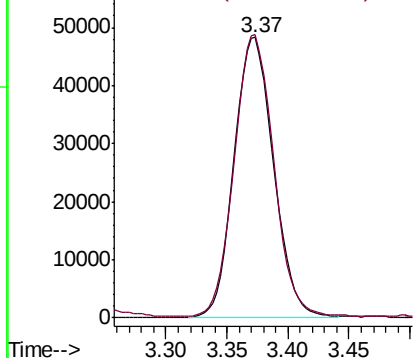
#8

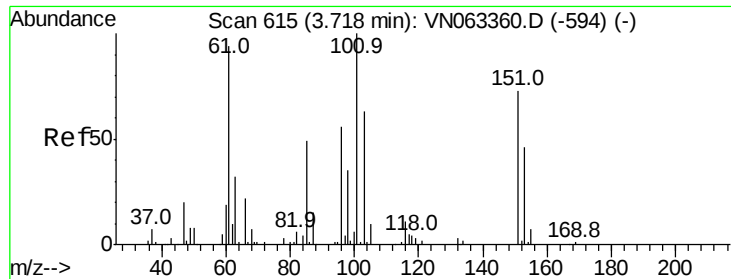
Diethyl Ether
 Concen: 45.680 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063475.D
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Tgt Ion: 74 Resp: 108676
 Ion Ratio Lower Upper
 74 100
 45 99.8 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.021 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

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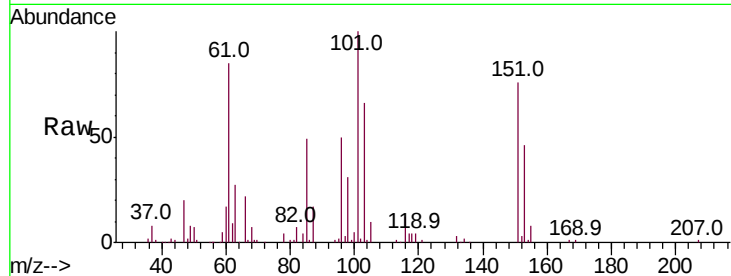
Tot Ion:101 Resp: 164813

Ion Ratio Lower Upper

101 100

85 48.0 37.7 56.5

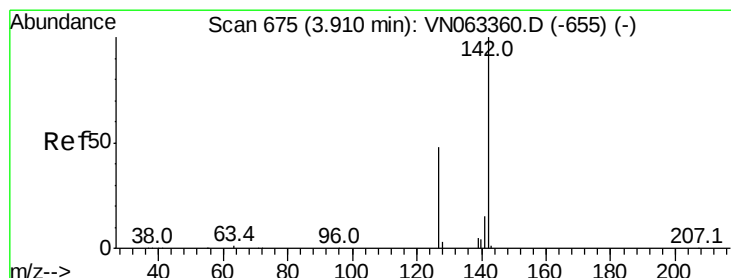
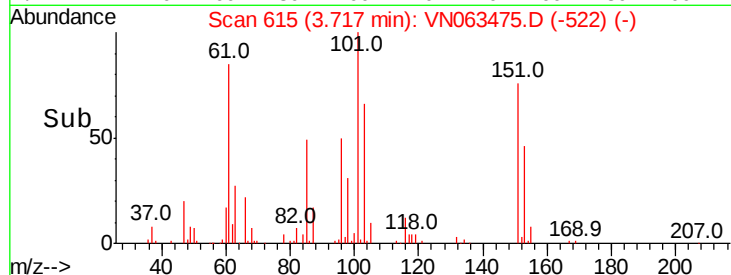
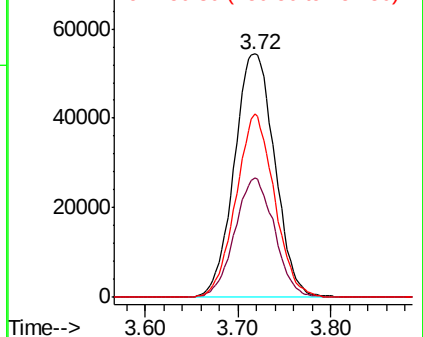
151 71.6 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.901 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

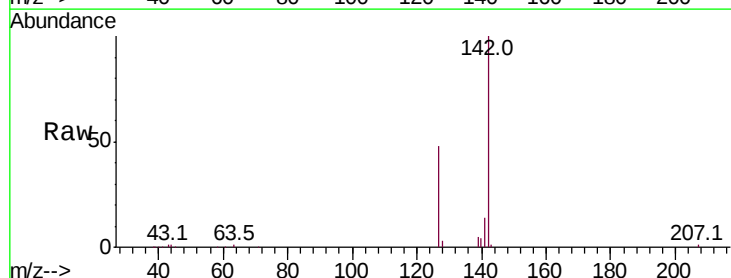
Tgt Ion:142 Resp: 209571

Ion Ratio Lower Upper

142 100

127 47.9 39.0 58.6

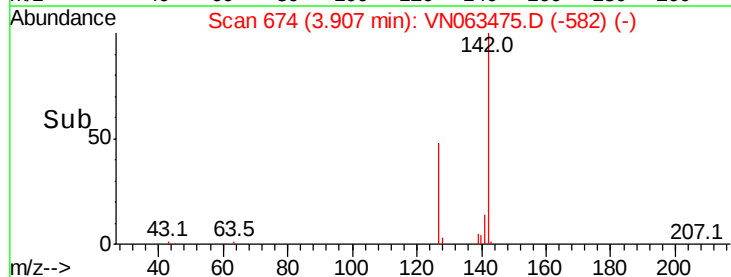
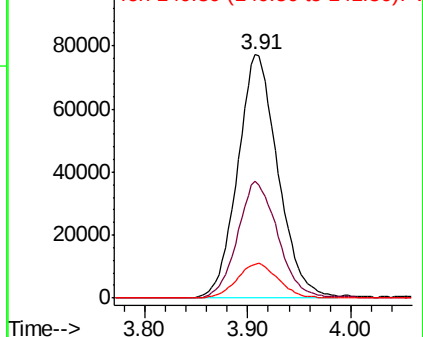
141 14.6 11.6 17.4

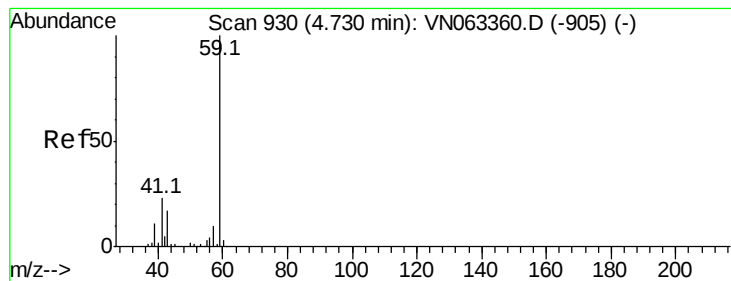


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 203.254 ug/l

RT: 4.72 min Scan# 926

Delta R.T. -0.01 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

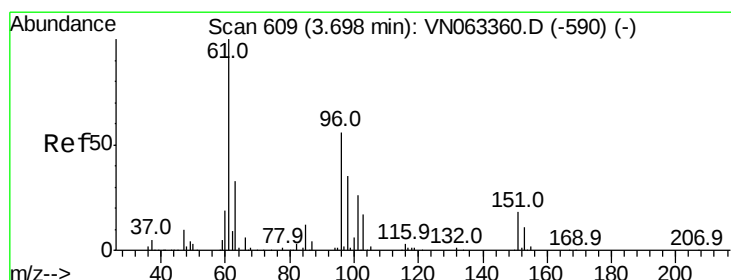
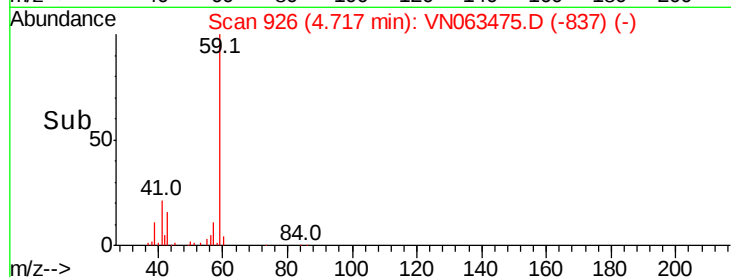
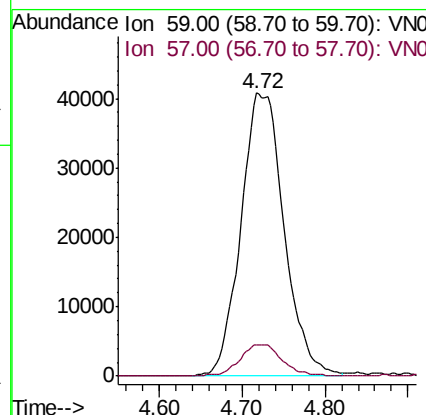
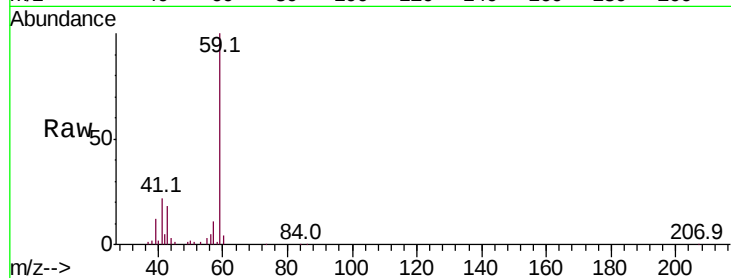
VSTDCCC050

Tot Ion: 59 Resp: 147655

Ion Ratio Lower Upper

59 100

57 10.9 8.4 12.6



#12

1,1-Dichloroethene

Concen: 45.613 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

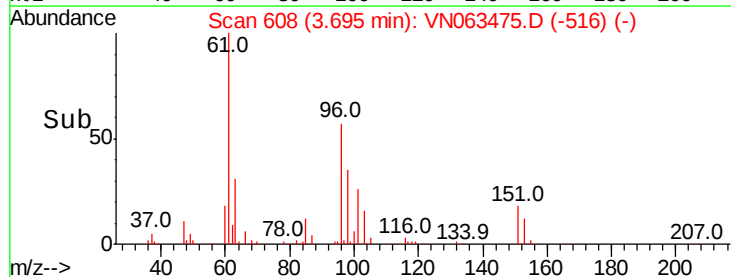
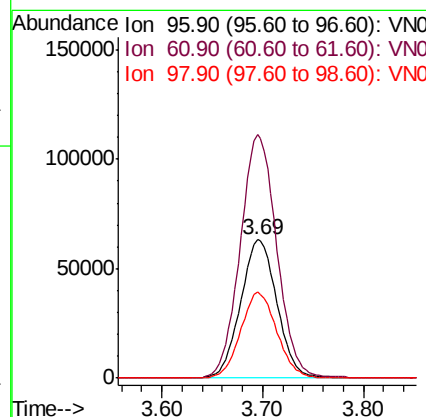
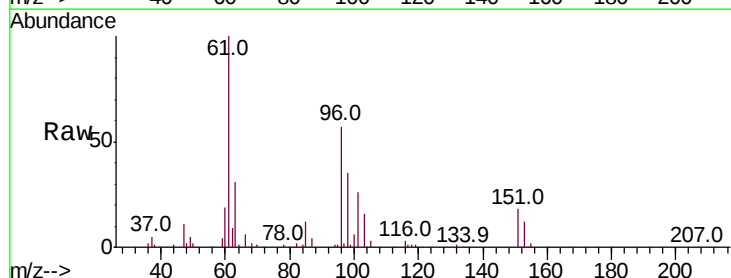
Tgt Ion: 96 Resp: 158565

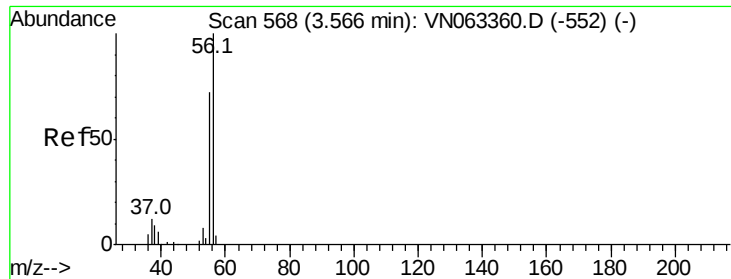
Ion Ratio Lower Upper

96 100

61 176.3 143.4 215.2

98 62.1 50.6 76.0





#13

Acrolein

Concen: 204.087 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

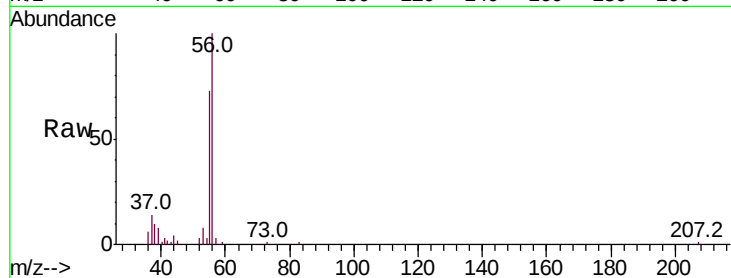
VSTDCCC050

Tot Ion: 56 Resp: 54943

Ion Ratio Lower Upper

56 100

55 70.7 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VN063360.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN063360.D (-552) (-)

3.56

25000

20000

15000

10000

5000

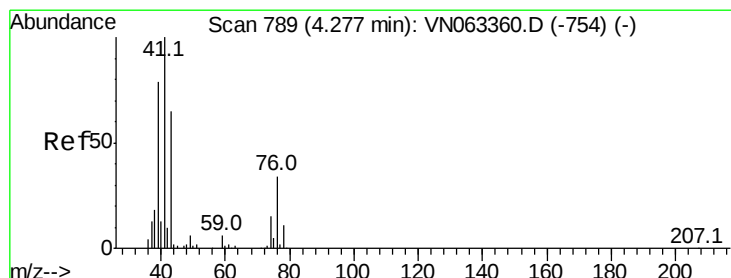
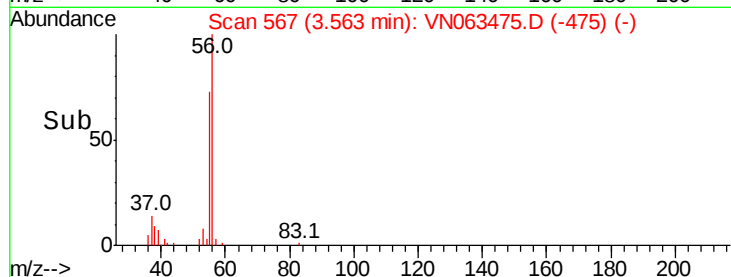
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 42.948 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

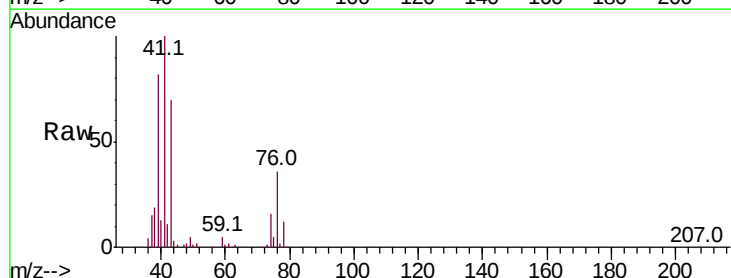
Tgt Ion: 41 Resp: 295324

Ion Ratio Lower Upper

41 100

39 77.9 59.3 88.9

76 33.6 25.3 37.9



Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-754) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-754) (-)

Ion 75.90 (75.60 to 76.60): VN063360.D (-754) (-)

4.27

100000

50000

0

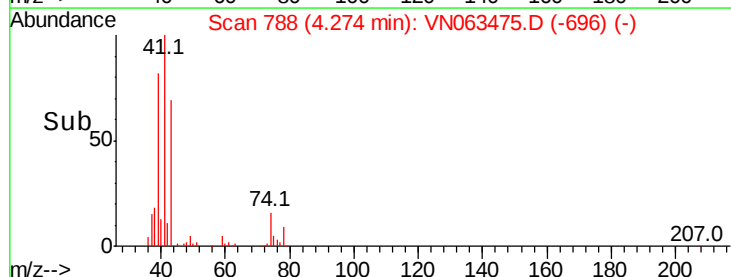
Time-->

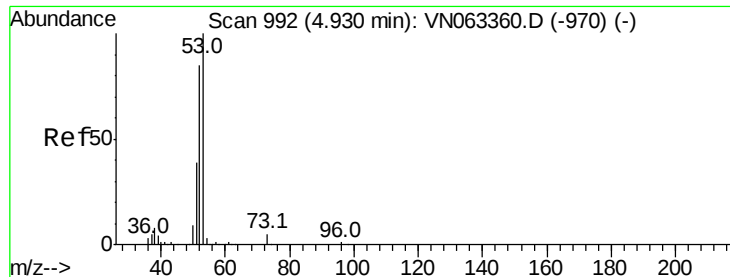
4.10

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 218.007 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

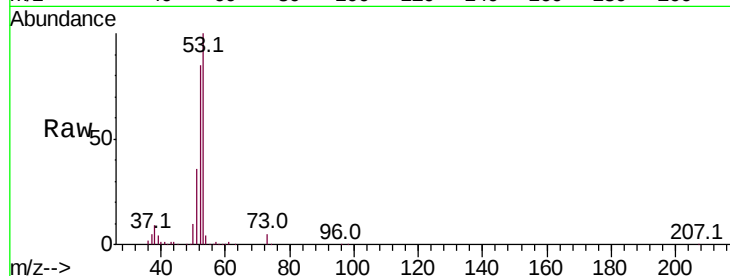
Tot Ion: 53 Resp: 402847

Ion Ratio Lower Upper

53 100

52 82.1 66.4 99.6

51 37.2 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063360.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063360.D (-970) (-)

4.92

150000

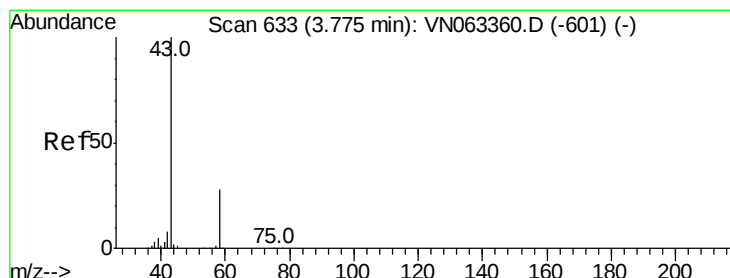
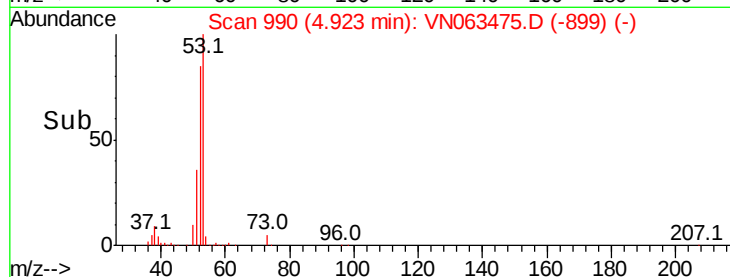
100000

50000

0

4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 213.577 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063475.D

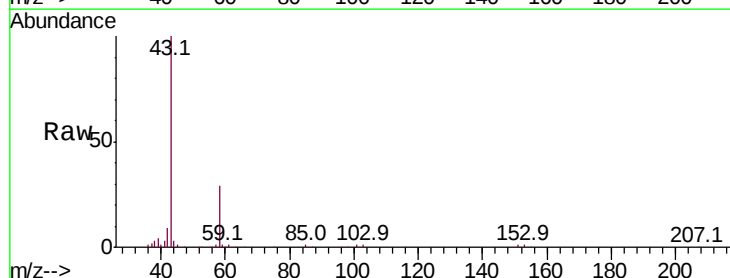
Acq: 21 Sep 2020 10:30

Tgt Ion: 43 Resp: 359937

Ion Ratio Lower Upper

43 100

58 28.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

3.77

150000

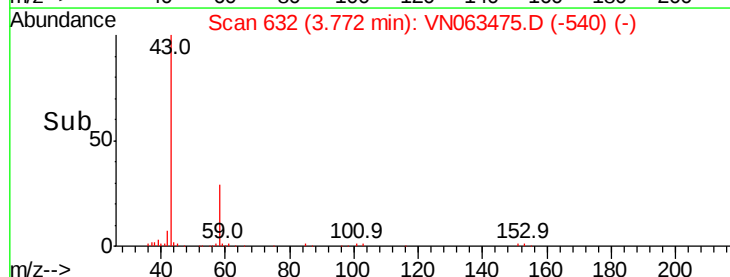
100000

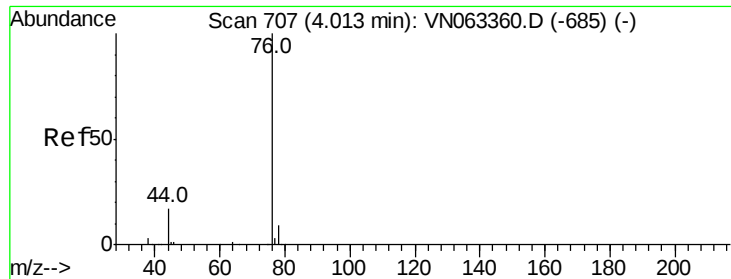
50000

0

3.60 3.70 3.80 3.90

Time-->

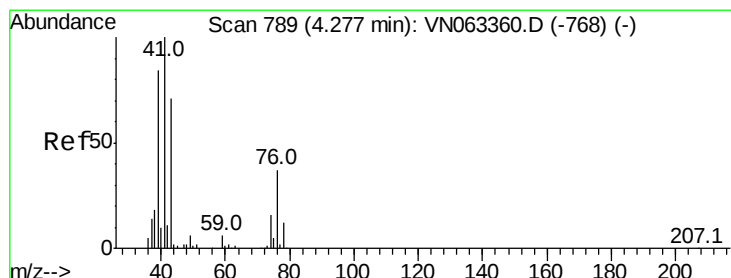
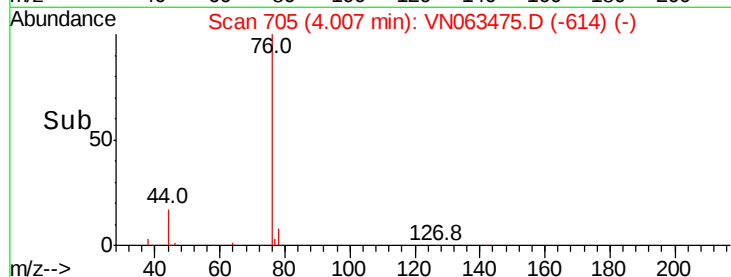
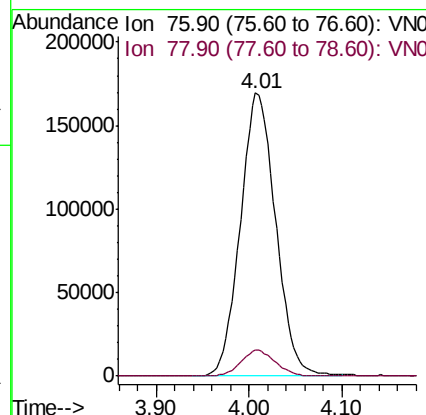
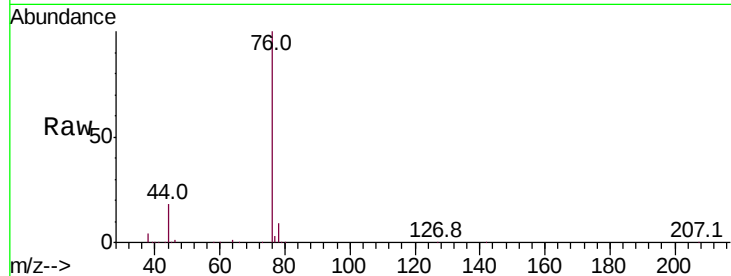




#17
Carbon Disulfide
Concen: 44.319 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.01 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

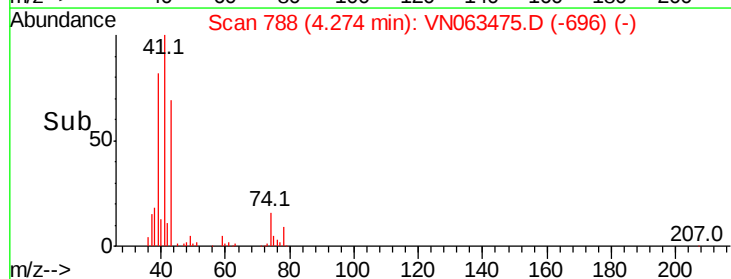
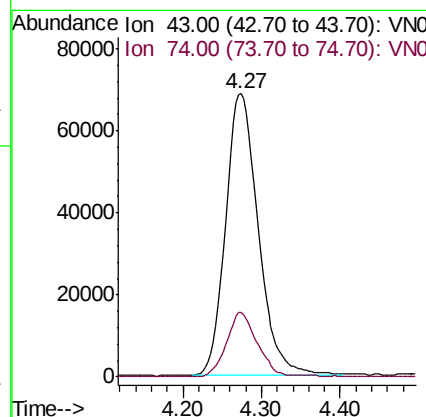
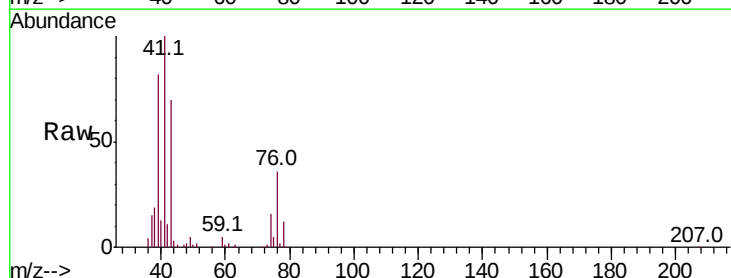
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

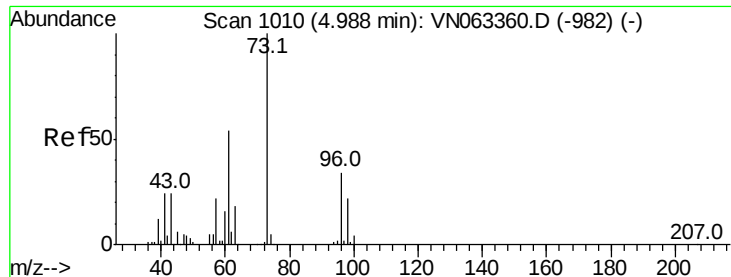
Tot Ion: 76 Resp: 448139
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 46.168 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion: 43 Resp: 197521
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.2

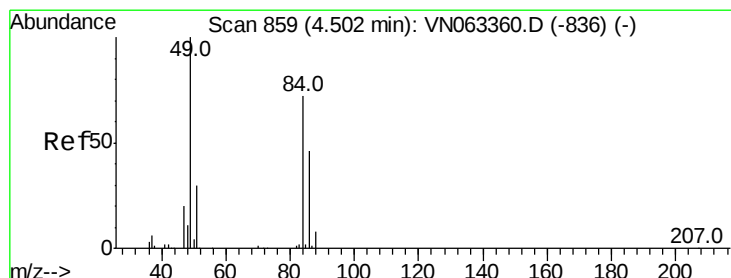
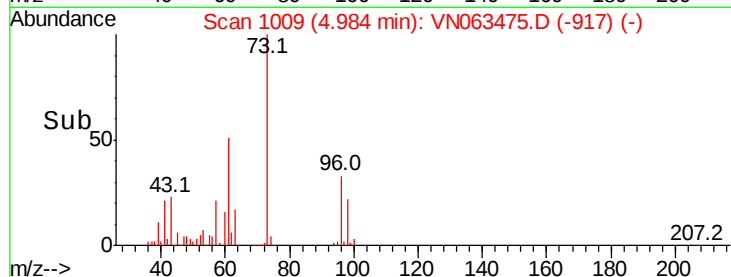
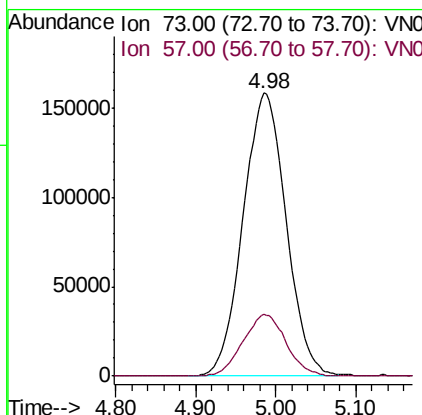
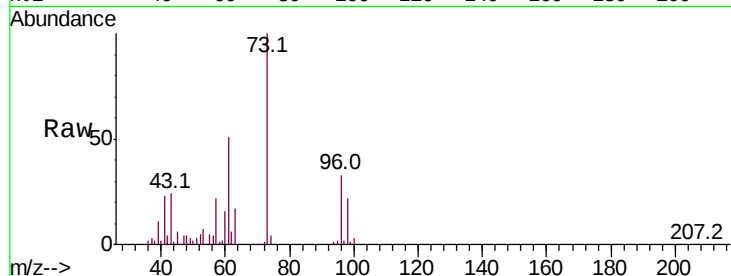




#19
Methvl tert-butvl Ether
Concen: 44.935 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

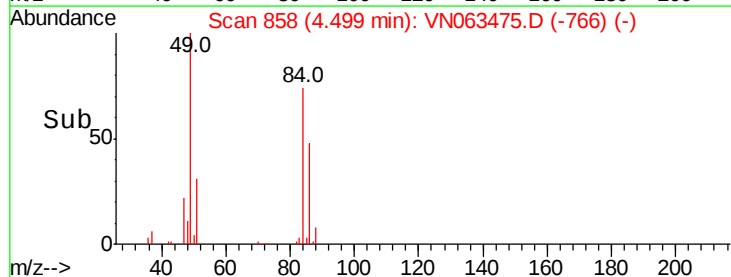
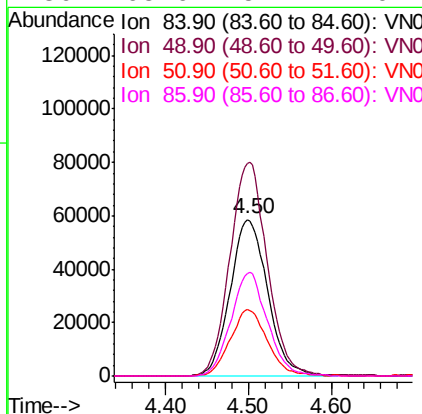
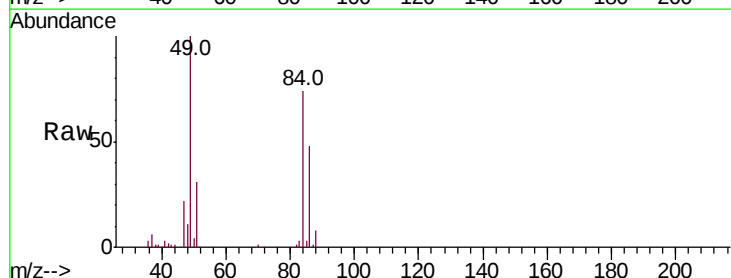
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

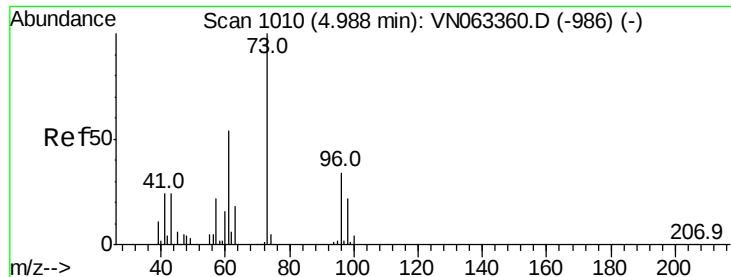
Tot Ion: 73 Resp: 582191
Ion Ratio Lower Upper
73 100
57 21.7 17.9 26.9



#20
Methylene Chloride
Concen: 43.226 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion: 84 Resp: 184571
Ion Ratio Lower Upper
84 100
49 135.6 110.7 166.1
51 42.4 32.9 49.3
86 65.6 51.1 76.7

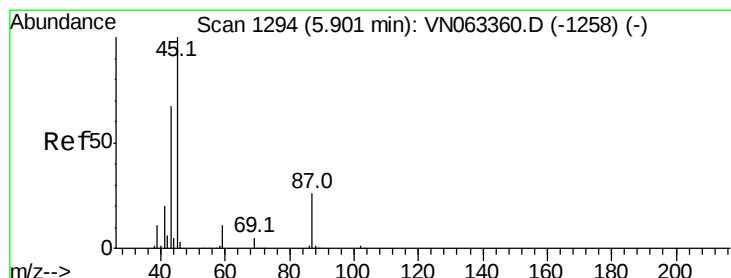
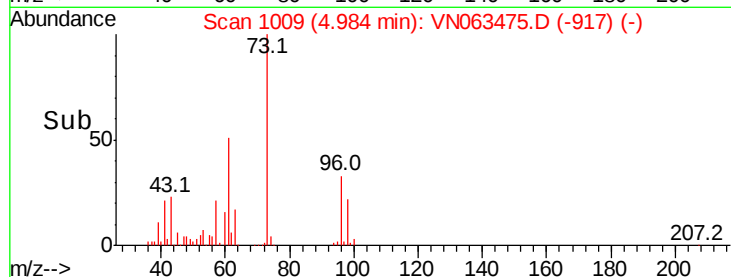
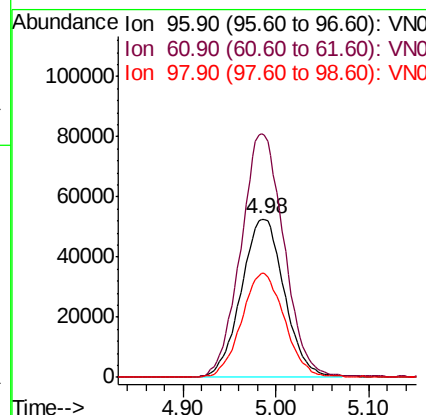
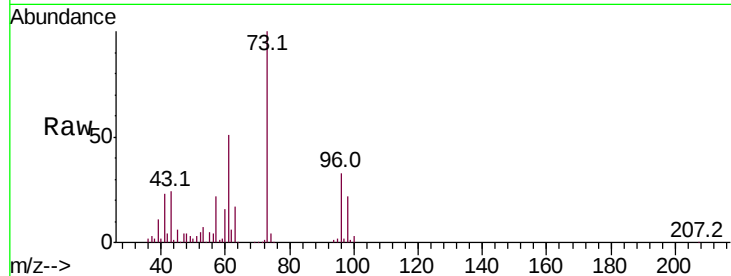




#21
trans-1,2-Dichloroethene
Concen: 44.097 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

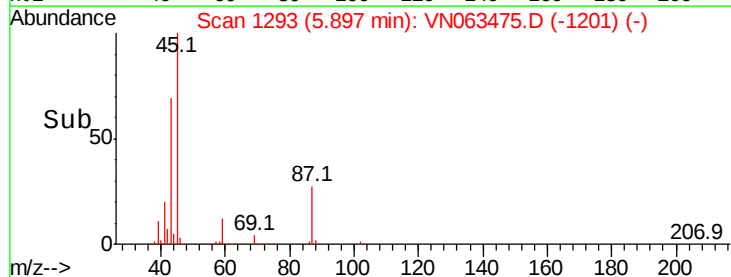
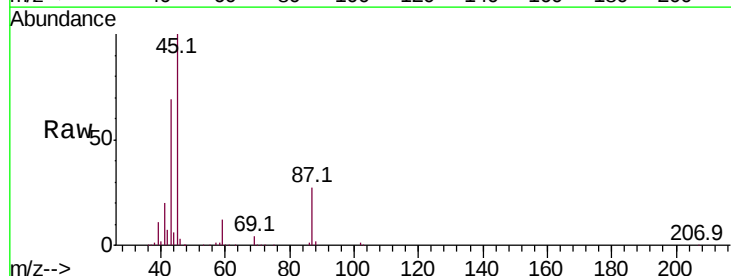
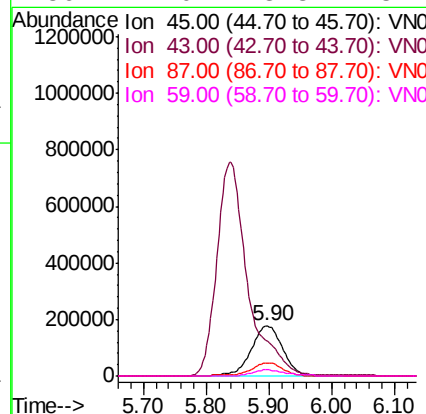
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

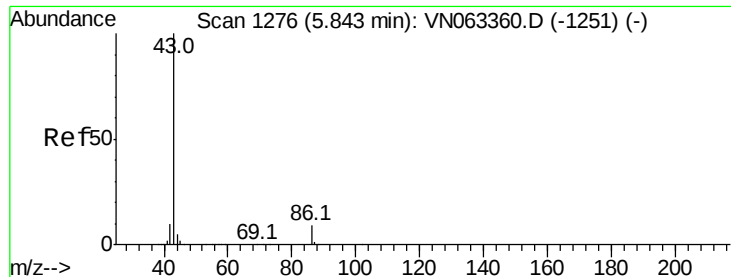
Tot Ion: 96 Resp: 169838
Ion Ratio Lower Upper
96 100
61 153.6 126.2 189.4
98 65.9 51.0 76.4



#22
Diisopropyl ether
Concen: 44.214 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion: 45 Resp: 620052
Ion Ratio Lower Upper
45 100
43 67.3 53.5 80.3
87 26.6 21.2 31.8
59 12.0 8.8 13.2





#23

Vinyl Acetate

Concen: 225.540 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

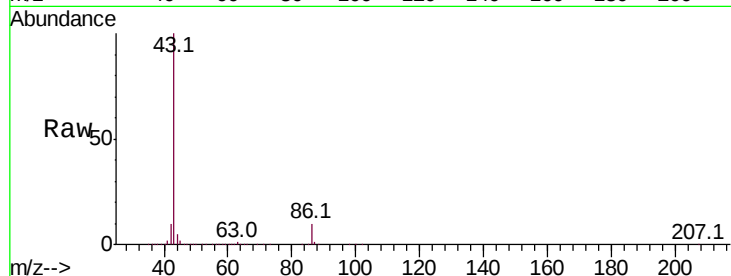
VSTDCCC050

Tot Ion: 43 Resp: 2597634

Ion Ratio Lower Upper

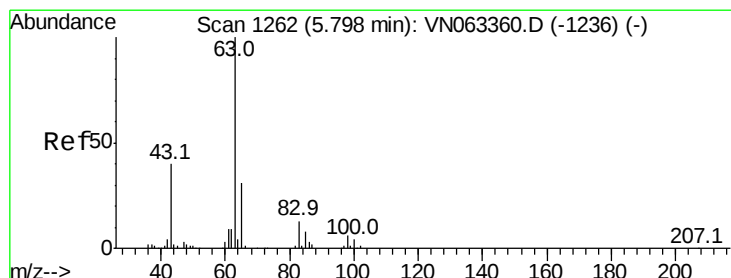
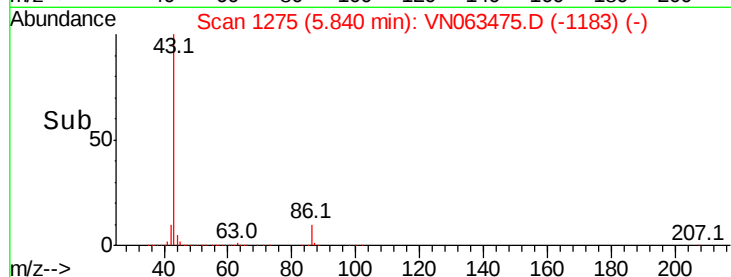
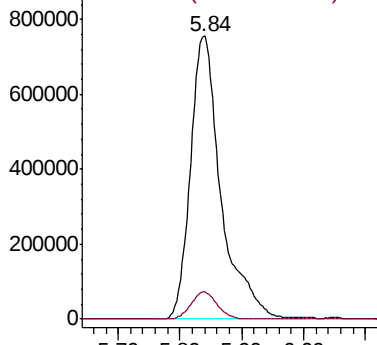
43 100

86 9.5 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 44.605 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

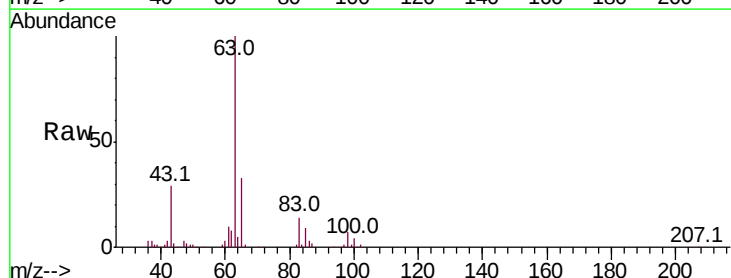
Tgt Ion: 63 Resp: 341517

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

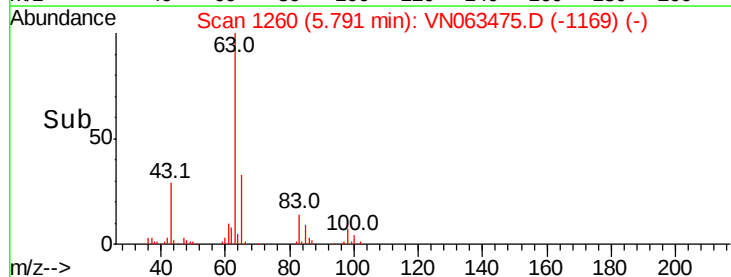
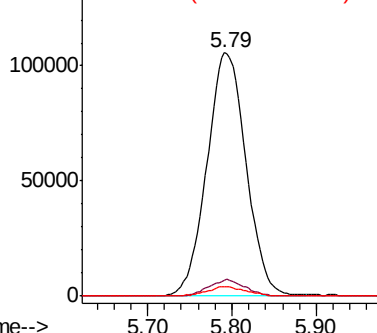
100 4.0 2.1 6.3

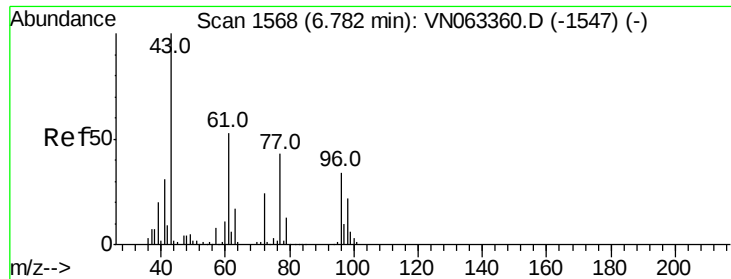


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

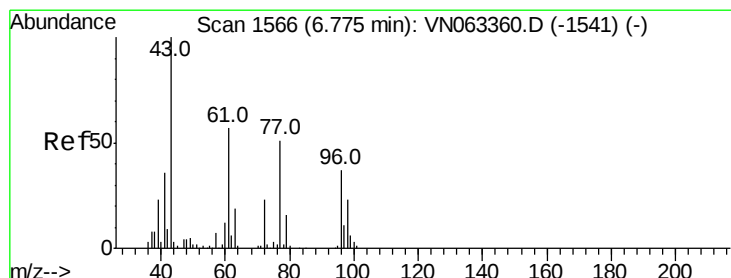
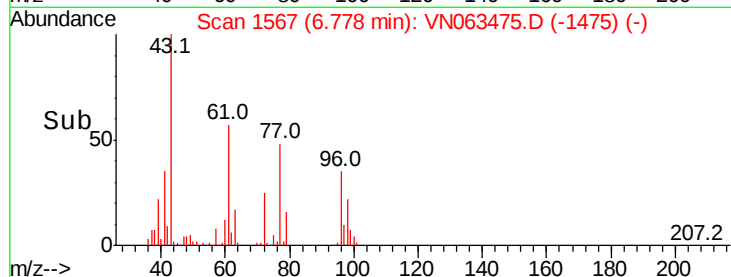
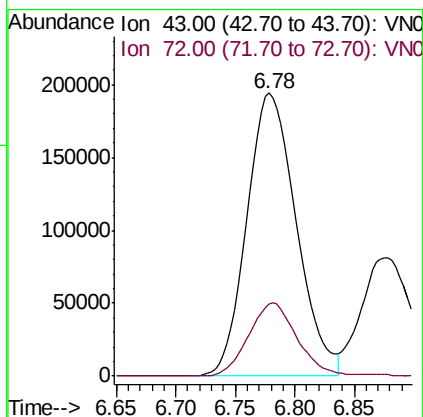
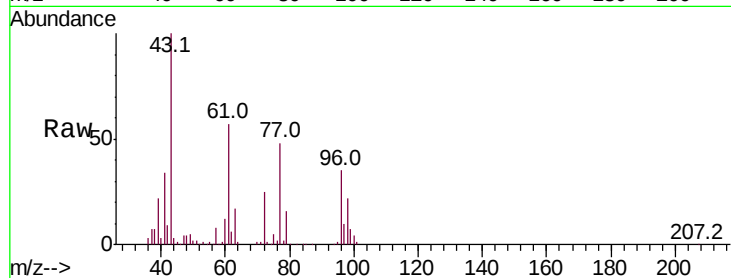




#25
 2-Butanone
 Concen: 215.135 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

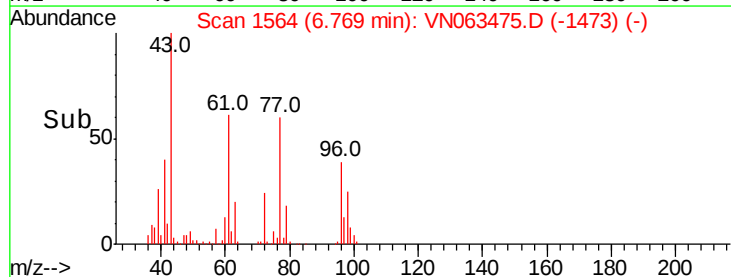
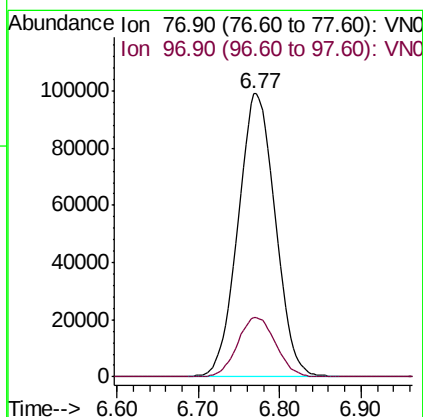
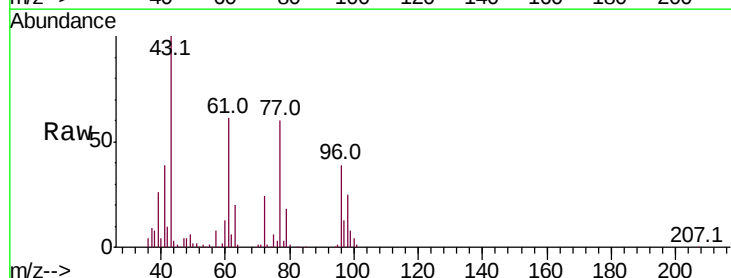
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

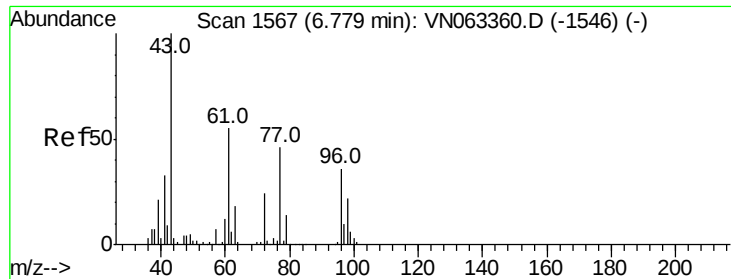
Tot Ion: 43 Resp: 557613
 Ion Ratio Lower Upper
 43 100
 72 25.4 19.2 28.8



#26
 2,2-Dichloropropane
 Concen: 46.446 ug/l
 RT: 6.77 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion: 77 Resp: 313097
 Ion Ratio Lower Upper
 77 100
 97 21.5 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 46.238 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

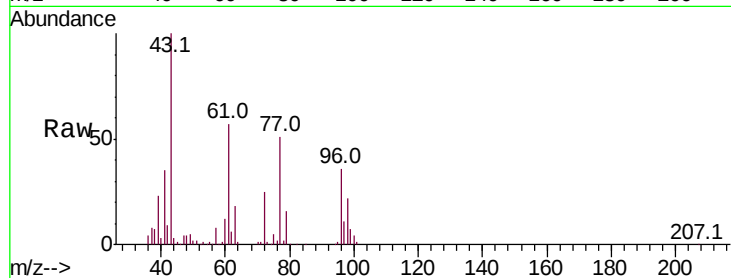
Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 201571

Ion	Ratio	Lower	Upper
96	100		
61	160.4	0.0	319.6
98	64.3	0.0	127.8

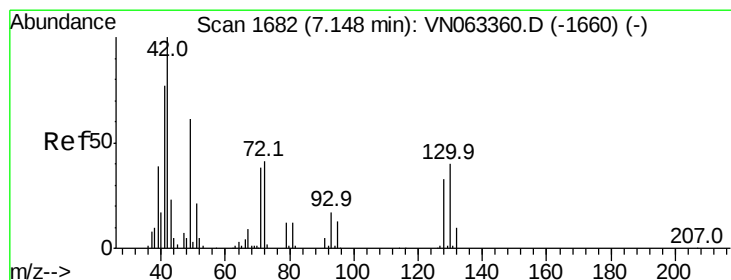
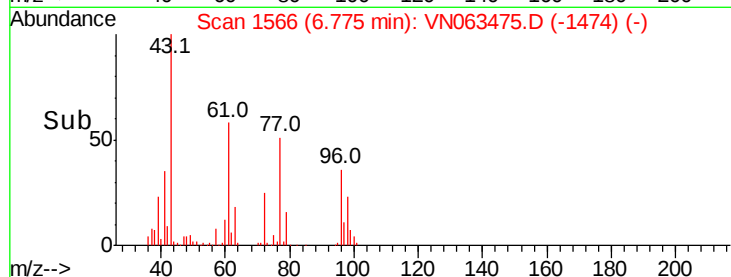
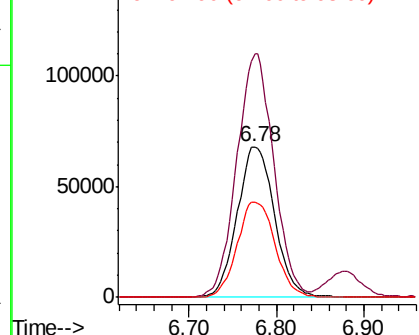


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 44.075 ug/l

RT: 7.15 min Scan# 1682

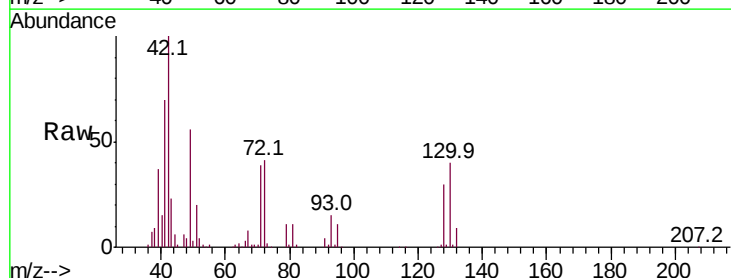
Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Tgt Ion: 49 Resp: 155812

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	71.1	52.2	78.2

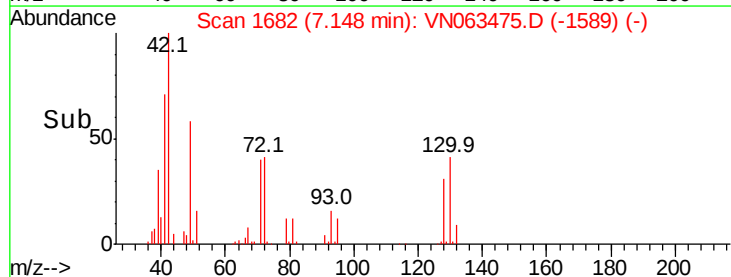
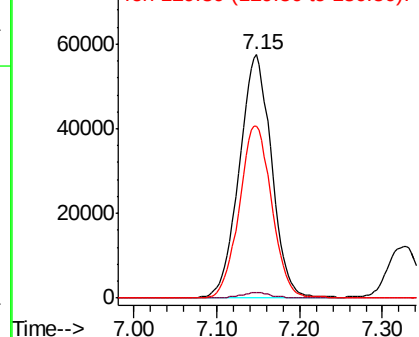


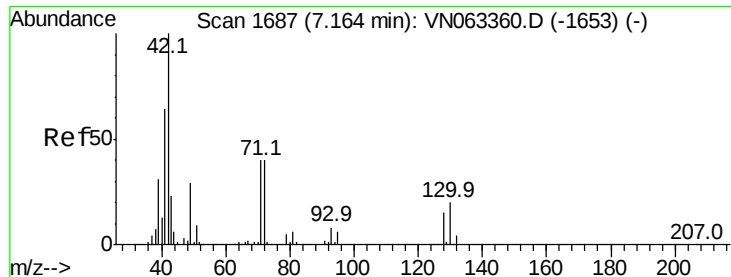
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 212.402 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

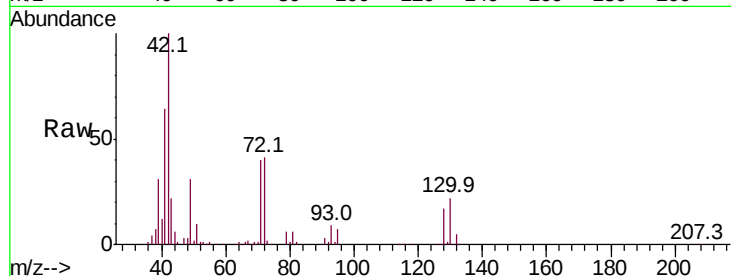
Tot Ion: 42 Resp: 375999

Ion Ratio Lower Upper

42 100

72 41.2 32.1 48.1

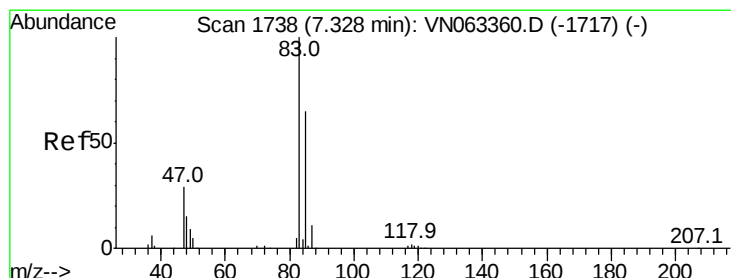
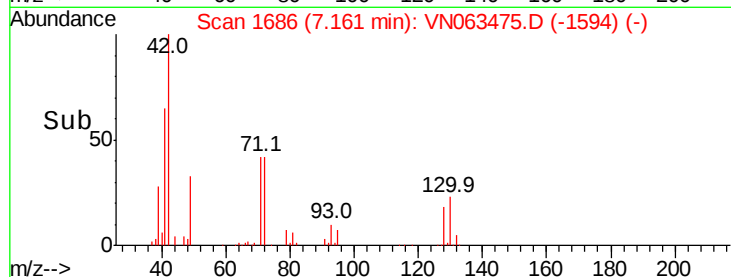
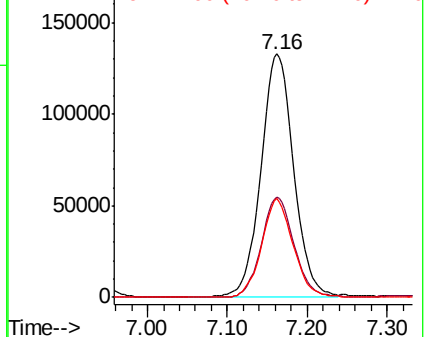
71 39.1 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 46.158 ug/l

RT: 7.32 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN063475.D

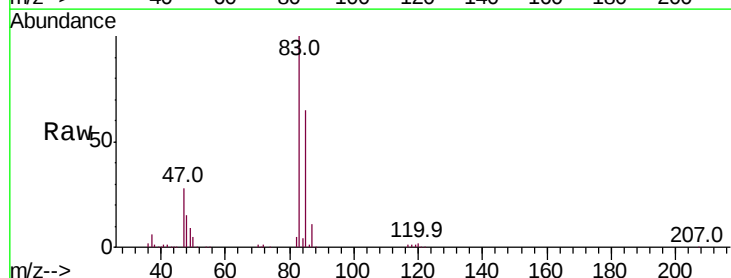
Acq: 21 Sep 2020 10:30

Tgt Ion: 83 Resp: 354569

Ion Ratio Lower Upper

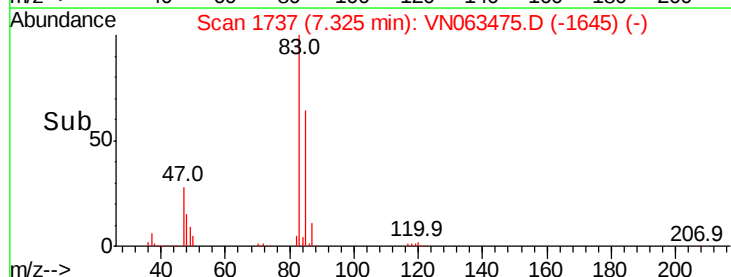
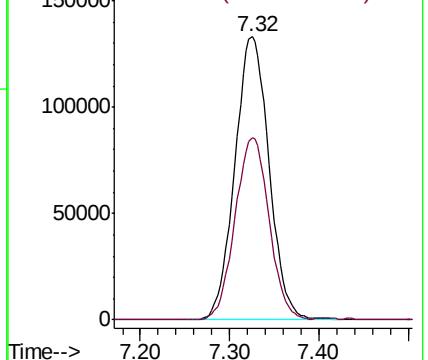
83 100

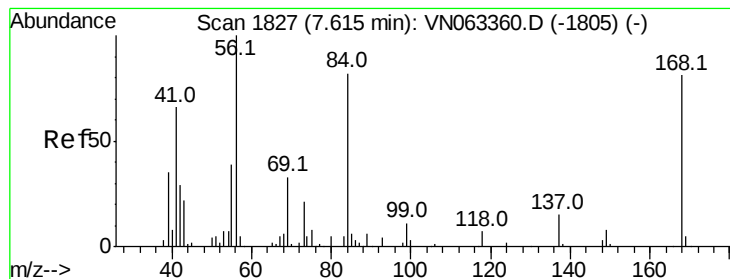
85 64.6 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 41.558 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

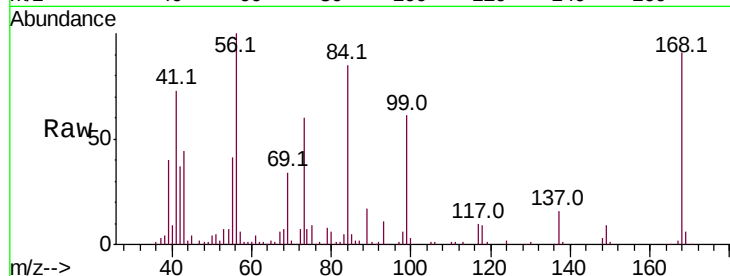
Tot Ion: 56 Resp: 300977

Ion Ratio Lower Upper

56 100

69 33.8 26.1 39.1

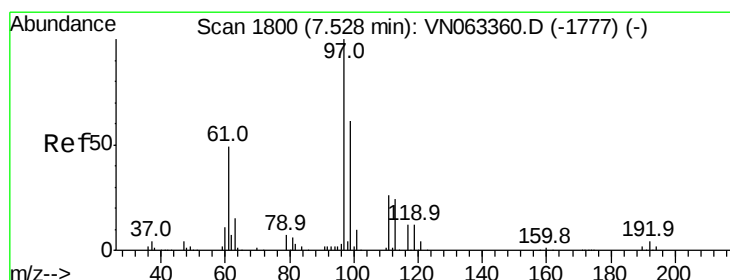
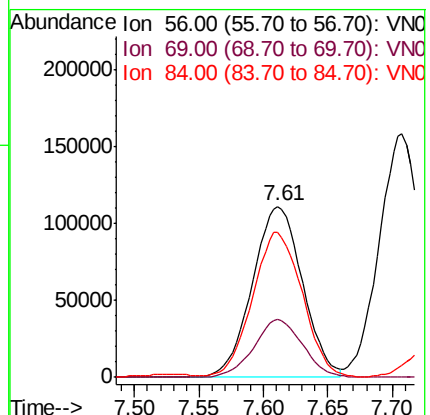
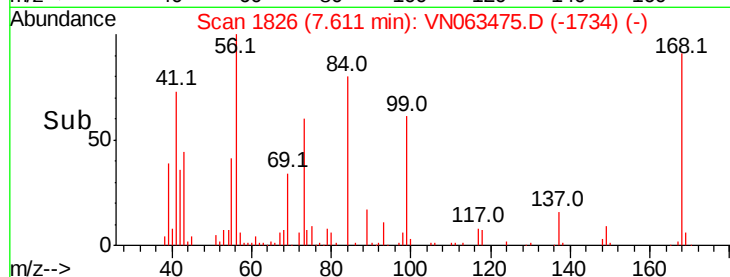
84 83.4 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN063360.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN063360.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN063360.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 46.828 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

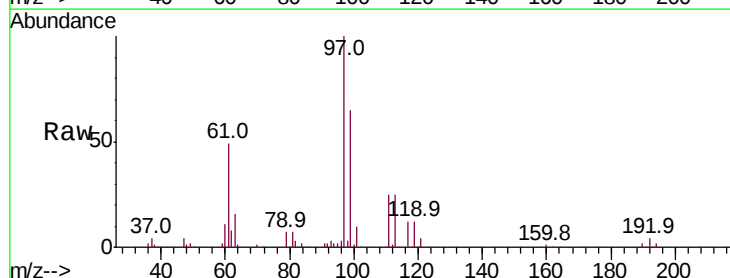
Tgt Ion: 97 Resp: 319941

Ion Ratio Lower Upper

97 100

99 64.3 50.6 76.0

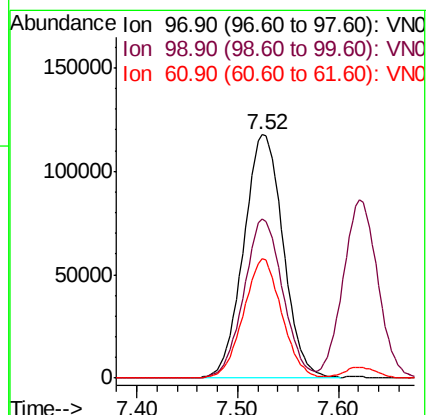
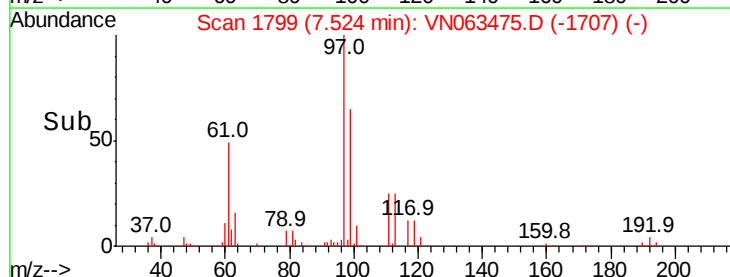
61 47.4 39.2 58.8

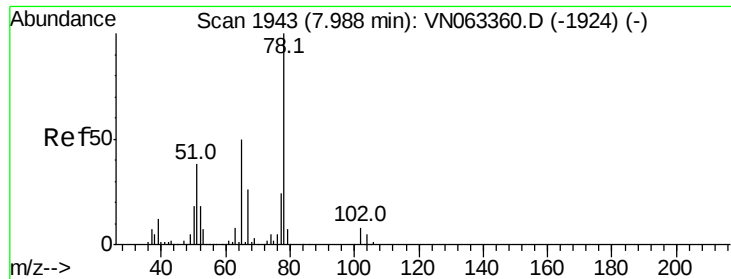


Abundance Ion 96.90 (96.60 to 97.60): VN063360.D (-1777) (-)

Ion 98.90 (98.60 to 99.60): VN063360.D (-1777) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1777) (-)

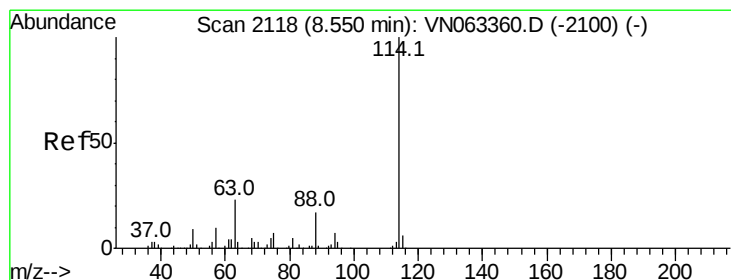
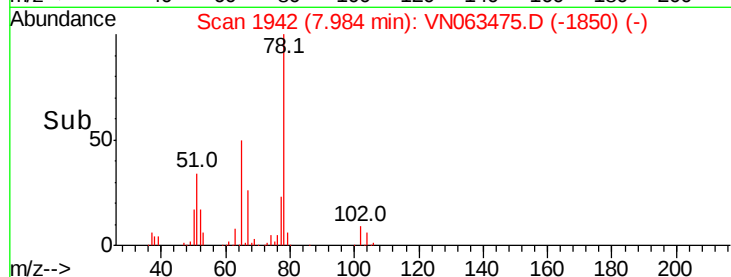
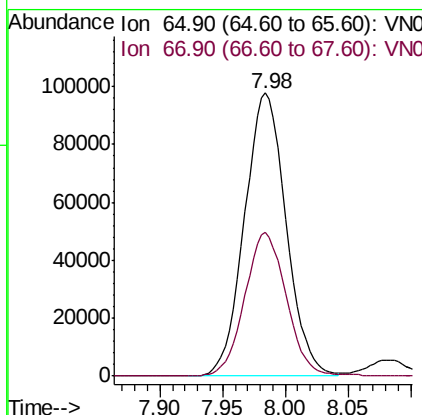
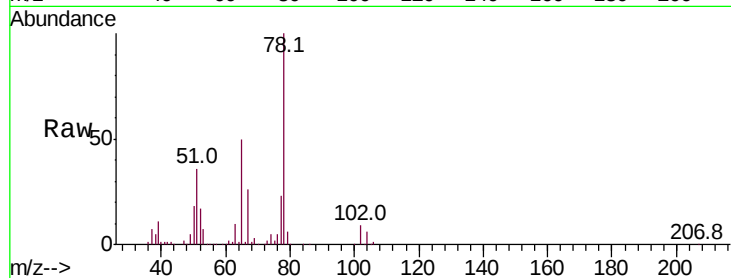




#33
 1,2-Dichloroethane-d4
 Concen: 43.156 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

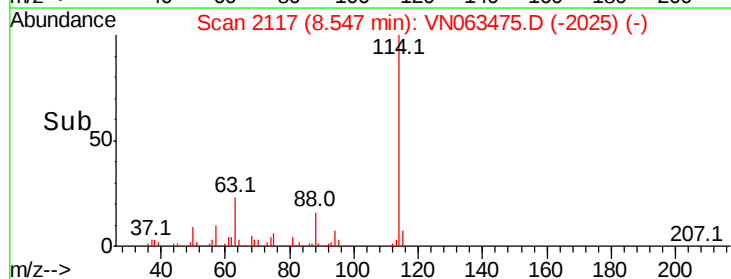
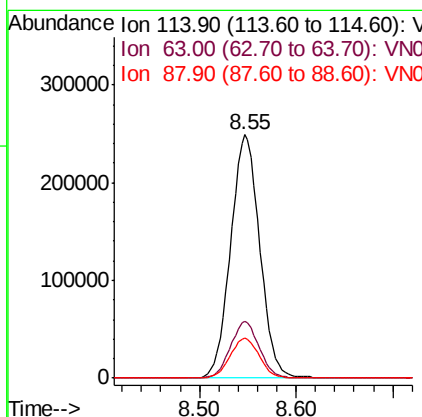
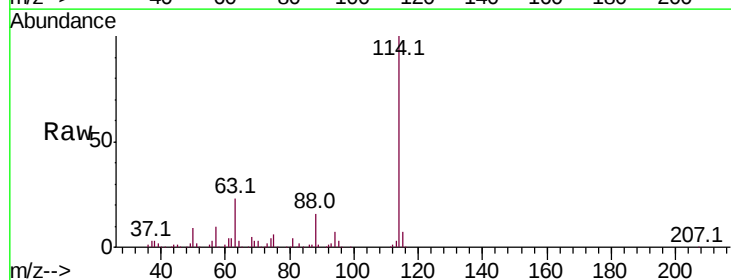
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

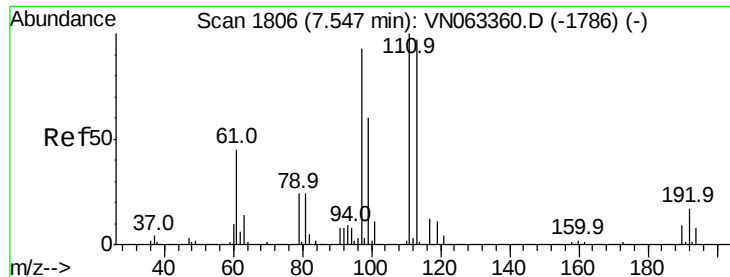
Tot Ion: 65 Resp: 226305
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion: 114 Resp: 521243
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.4
 88 16.4 0.0 33.2

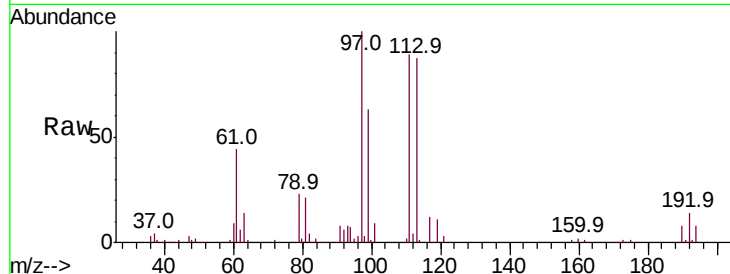




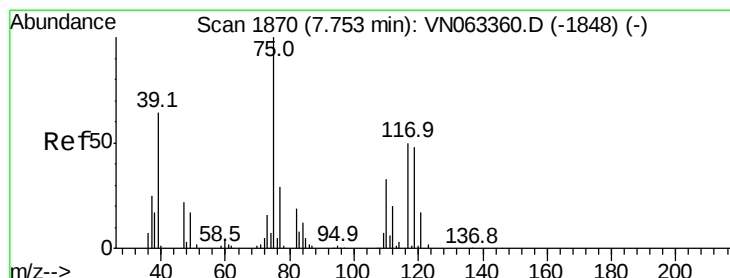
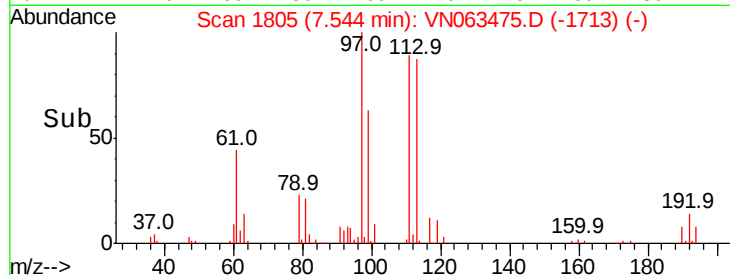
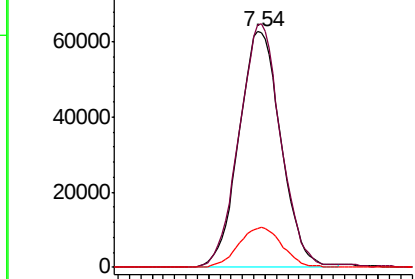
#35
 Dibromofluoromethane
 Concen: 44.928 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 162122
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.9 124.3
 192 17.6 13.9 20.9

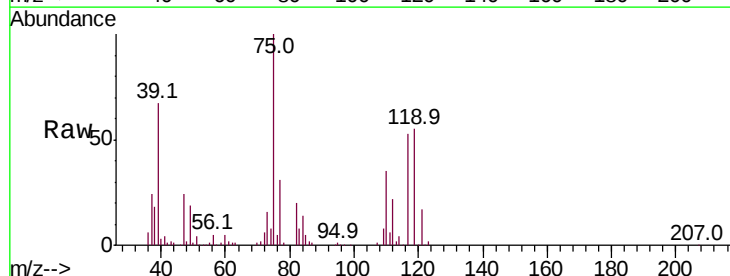


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

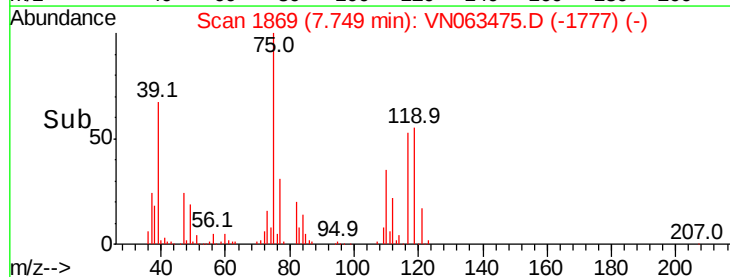
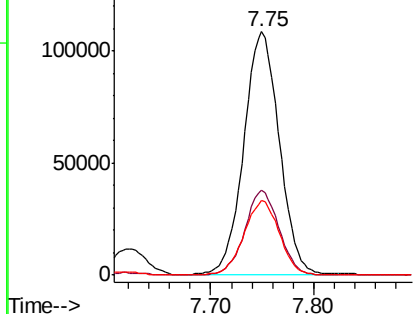


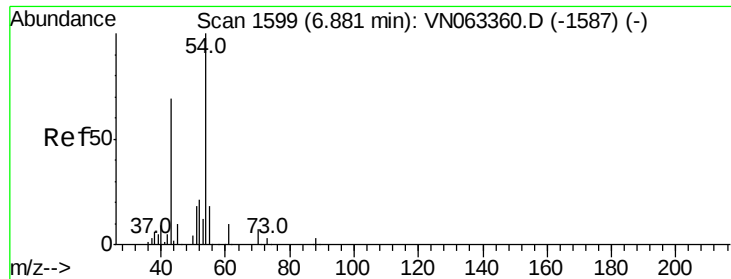
#36
 1,1-Dichloropropene
 Concen: 46.700 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion: 75 Resp: 259331
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.5 49.5
 77 31.0 24.6 36.8



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

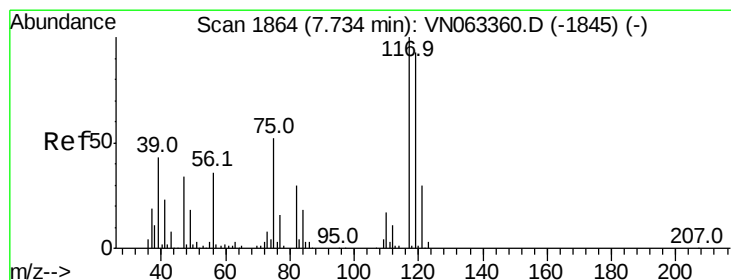
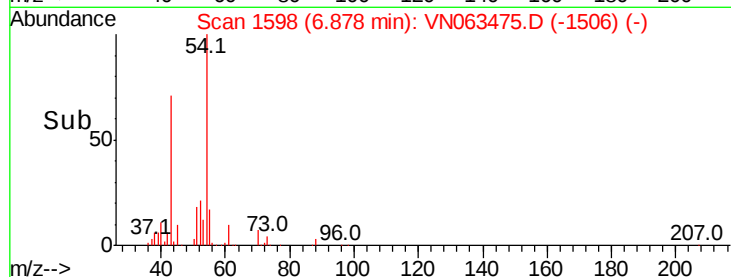
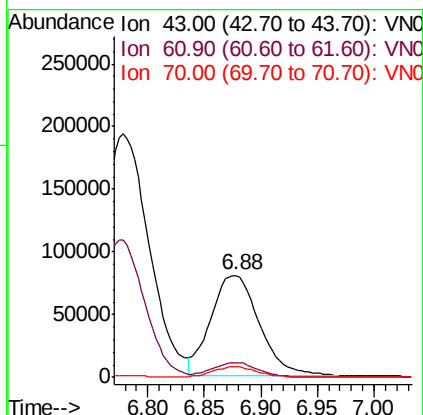
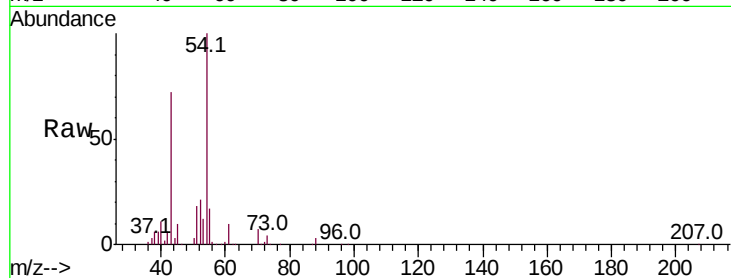




#37
Ethyl Acetate
Concen: 43.881 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

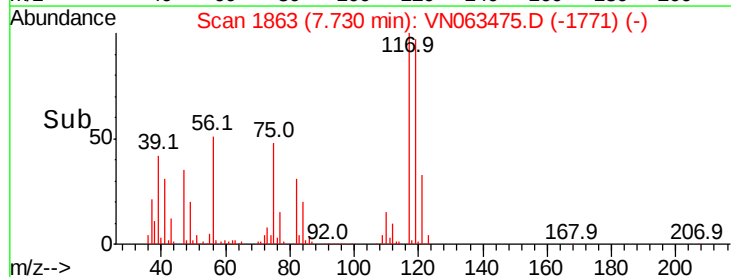
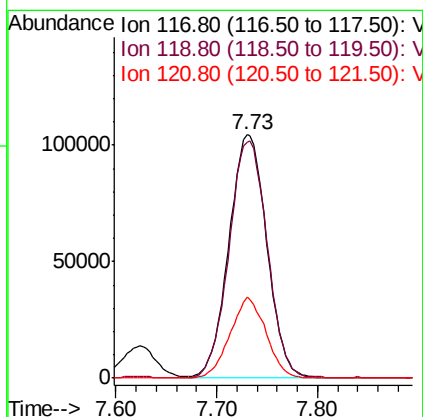
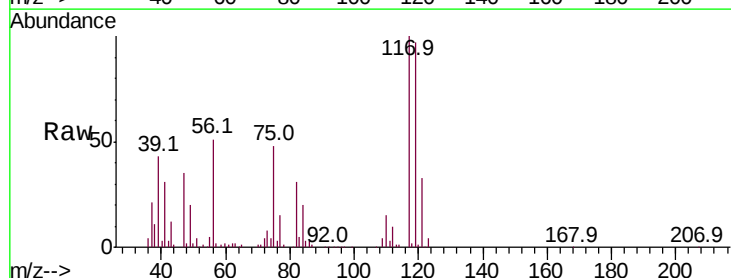
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

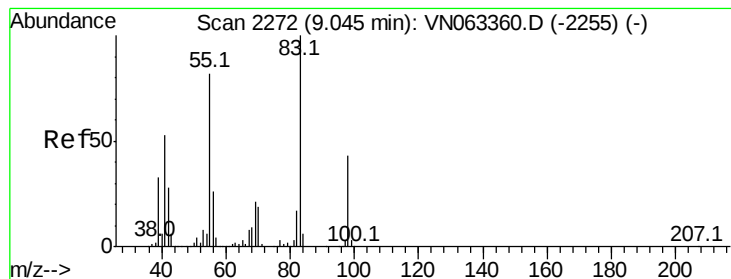
Tot Ion: 43 Resp: 239159
Ion Ratio Lower Upper
43 100
61 13.3 10.6 15.8
70 9.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.858 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion: 117 Resp: 271289
Ion Ratio Lower Upper
117 100
119 97.2 74.5 111.7
121 33.1 24.1 36.1





#39

Methvlcvclohexane

Concen: 47.125 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

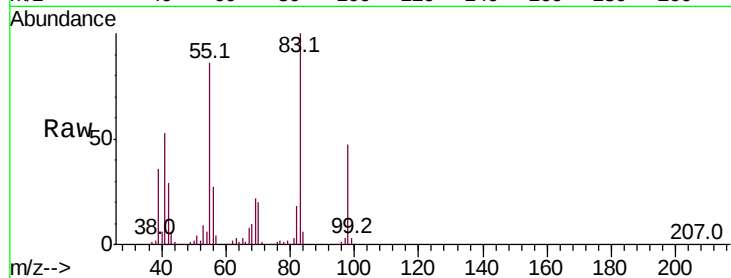
Tot Ion: 83 Resp: 284020

Ion Ratio Lower Upper

83 100

55 86.0 65.5 98.3

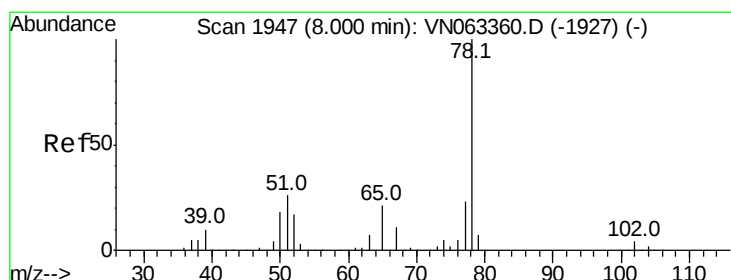
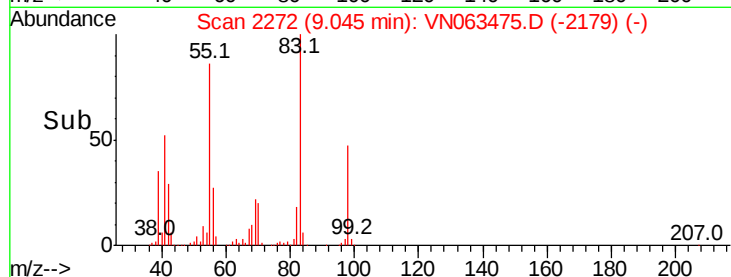
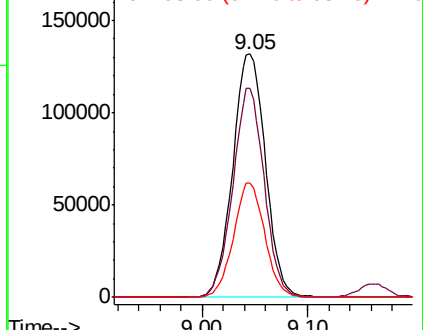
98 46.9 34.2 51.4



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: 46.969 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN063475.D

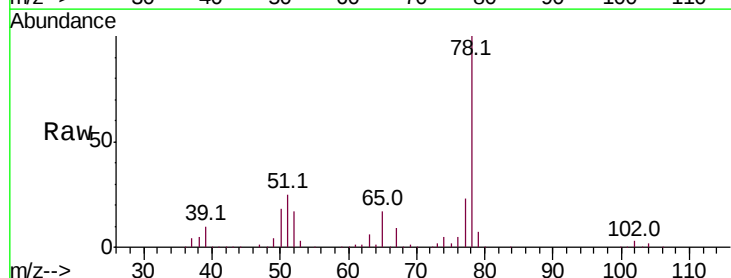
Acq: 21 Sep 2020 10:30

Tgt Ion: 78 Resp: 744560

Ion Ratio Lower Upper

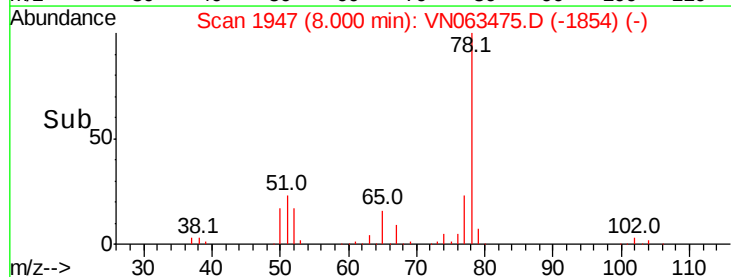
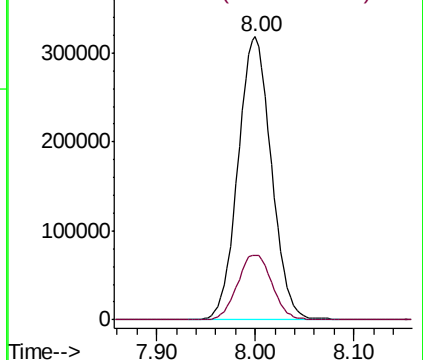
78 100

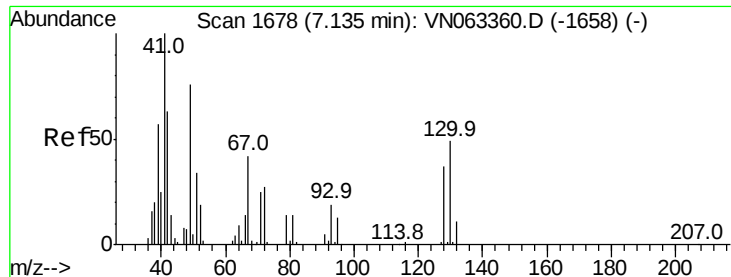
77 22.9 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

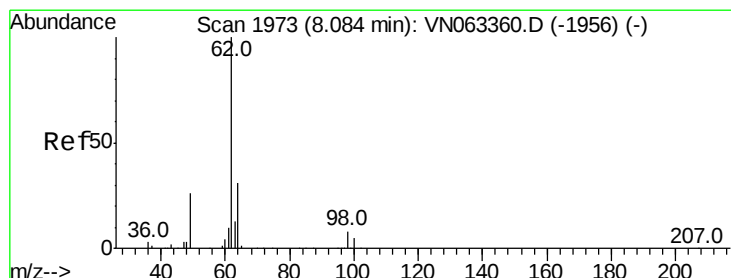
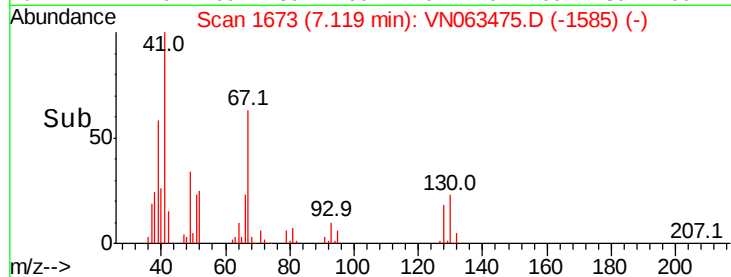
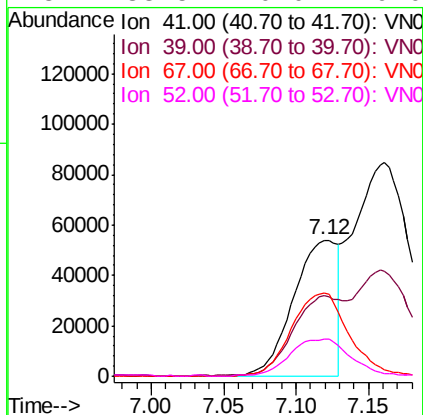
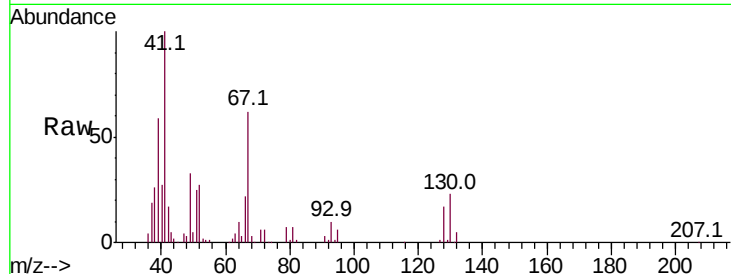




#41
Methacrylonitrile
Concen: 46.787 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.02 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

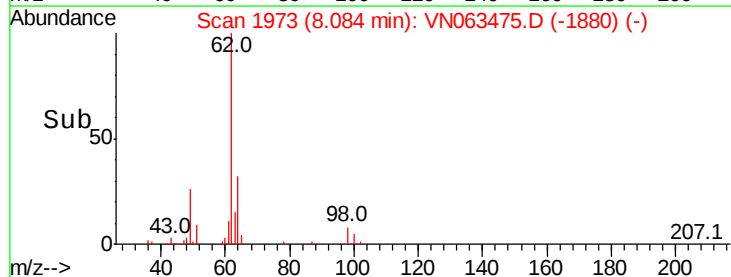
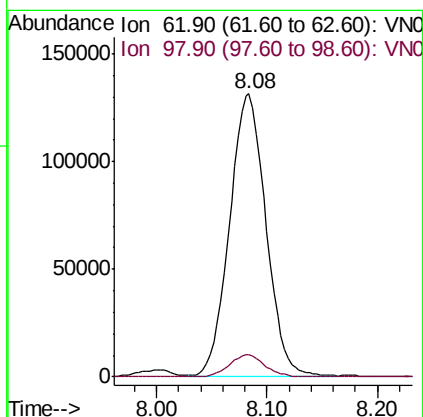
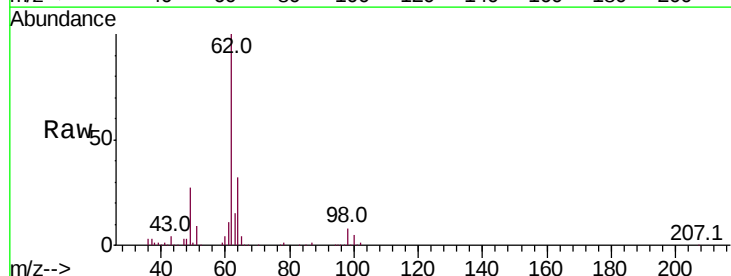
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

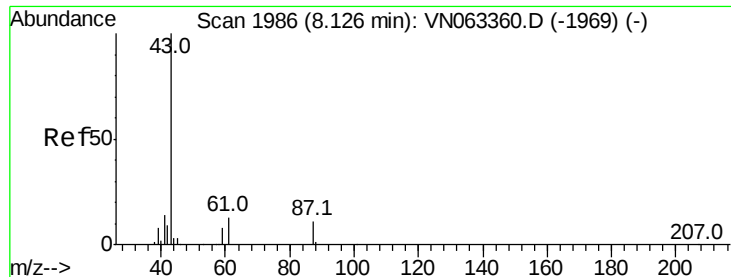
Tot Ion: 41 Resp: 114688
Ion Ratio Lower Upper
41 100
39 67.6 0.0 0.0#
67 79.7 0.0 0.0#
52 38.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 46.856 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion: 62 Resp: 298704
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.6





#43

Isopropyl Acetate

Concen: 44.298 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

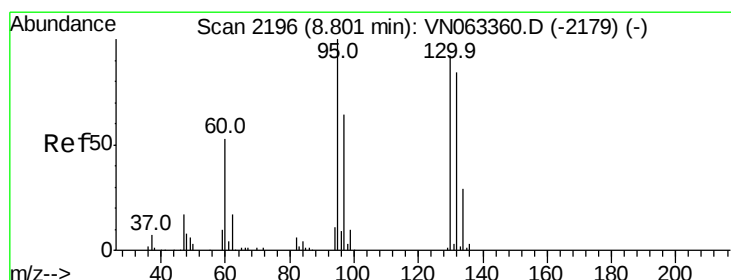
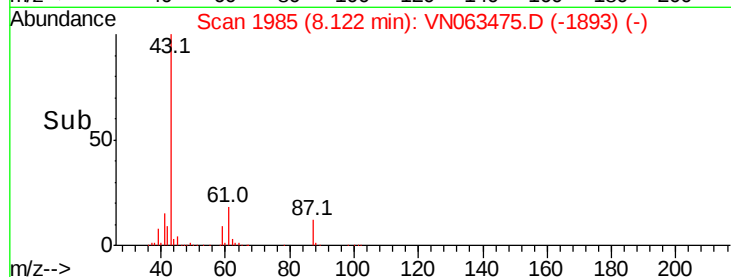
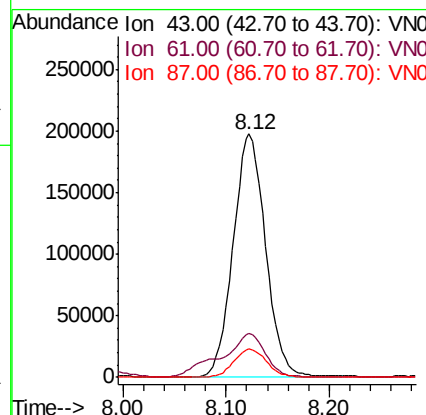
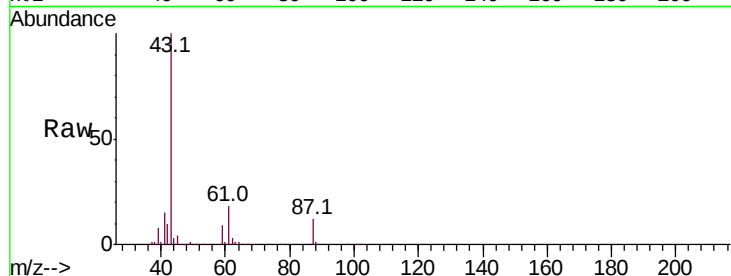
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 431699

Ion	Ratio	Lower	Upper
43	100		
61	24.6	14.2	21.2#
87	11.8	9.0	13.6



#44

Trichloroethene

Concen: 48.456 ug/l

RT: 8.80 min Scan# 2195

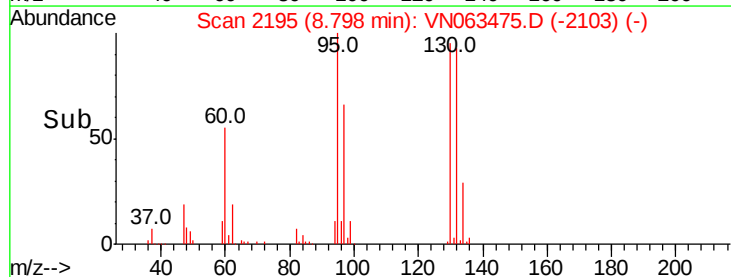
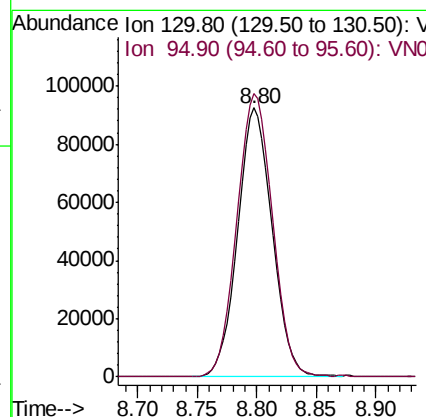
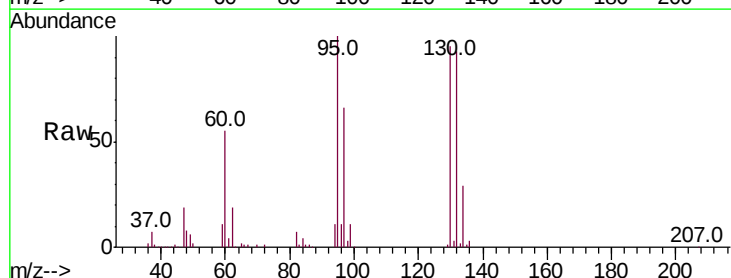
Delta R.T. -0.00 min

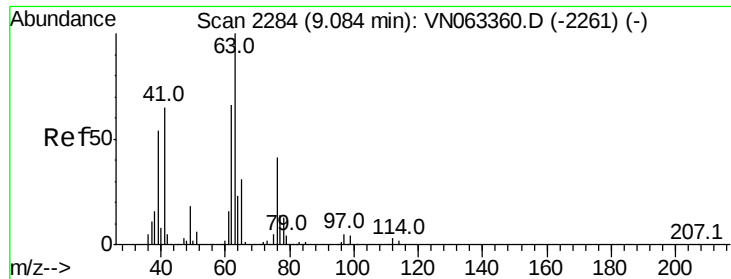
Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Tgt Ion:130 Resp: 186306

Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	217.4





#45

1,2-Dichloropropane

Concen: 46.528 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

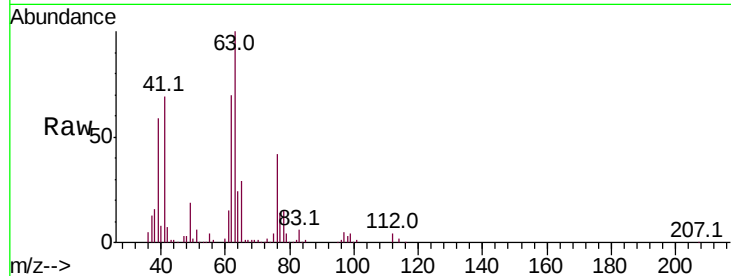
VSTDCCC050

Tot Ion: 63 Resp: 200880

Ion Ratio Lower Upper

63 100

65 29.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

100000

80000

60000

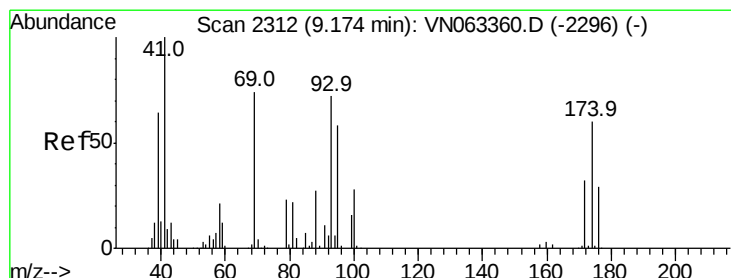
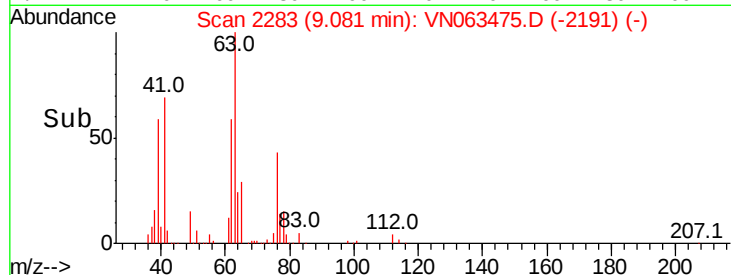
40000

20000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 47.571 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

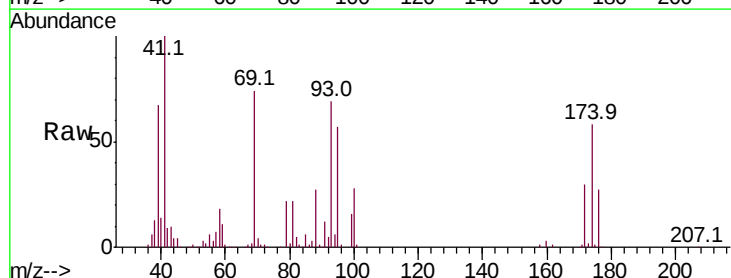
Tgt Ion: 93 Resp: 134990

Ion Ratio Lower Upper

93 100

95 83.7 65.6 98.4

174 87.6 68.1 102.1



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

9.17

80000

60000

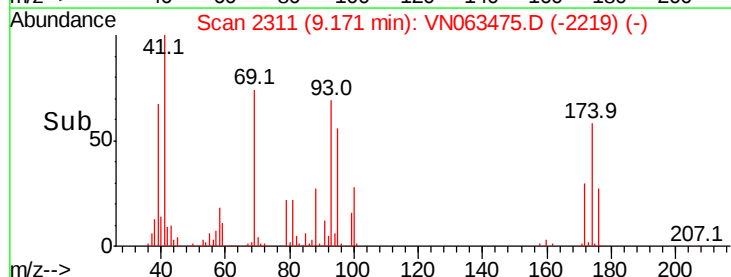
40000

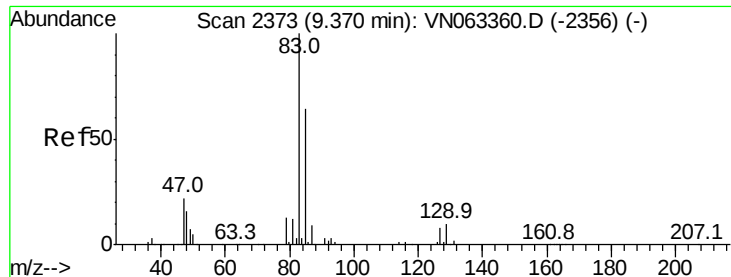
20000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 48.597 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

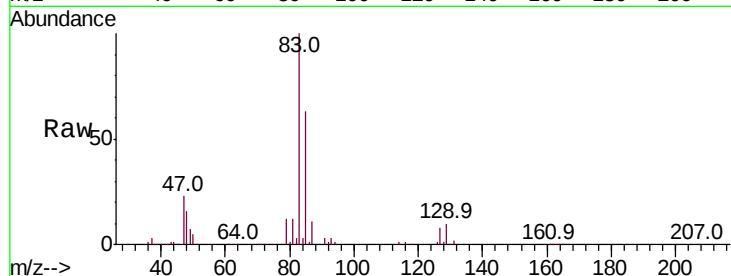
Tot Ion: 83 Resp: 286488

Ion Ratio Lower Upper

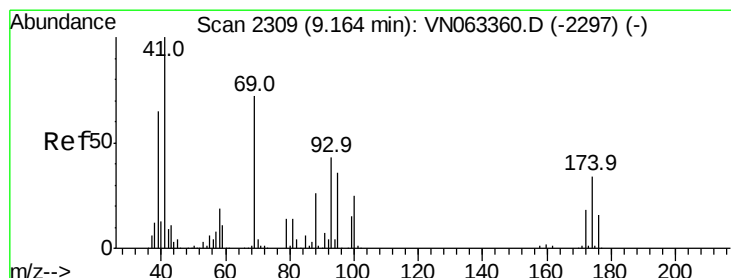
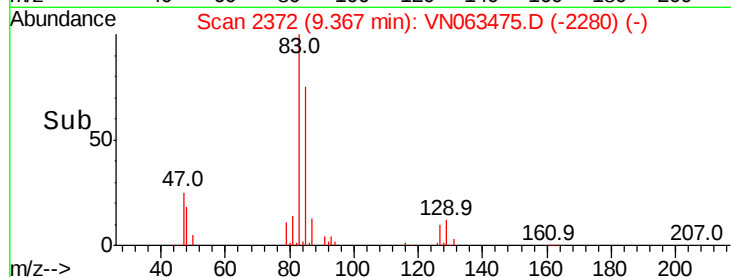
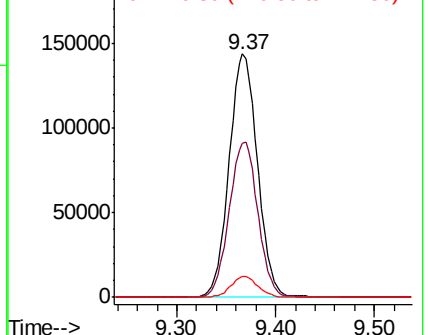
83 100

85 63.5 51.0 76.6

127 8.4 6.3 9.5



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



#48

Methyl methacrylate

Concen: 44.353 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

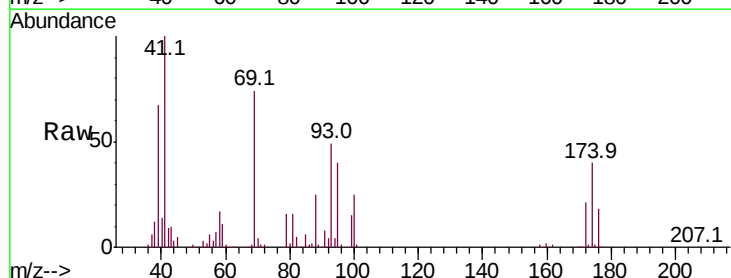
Tgt Ion: 41 Resp: 212360

Ion Ratio Lower Upper

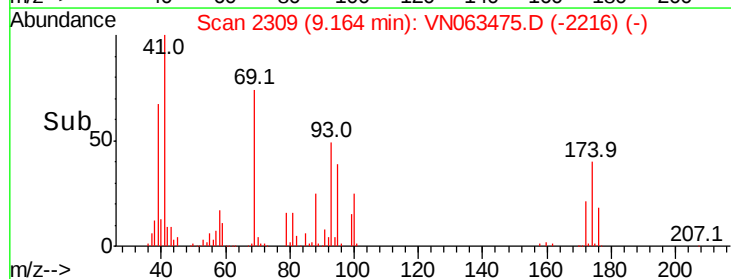
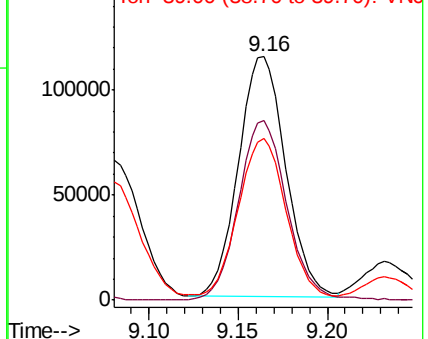
41 100

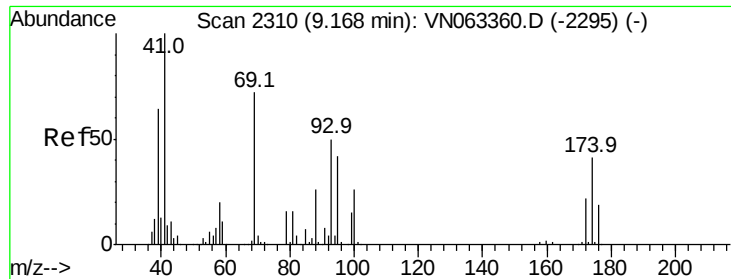
69 76.4 59.3 88.9

39 68.5 52.9 79.3



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





#49

1,4-Dioxane

Concen: 904.317 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

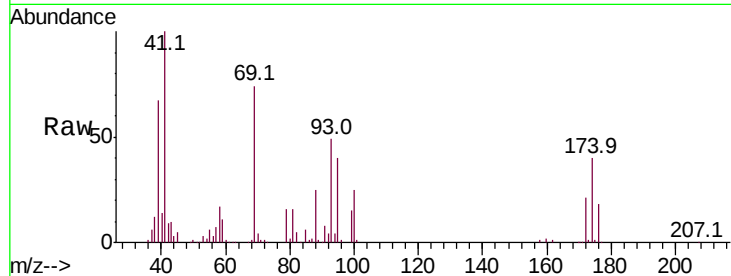
Tot Ion: 88 Resp: 62136

Ion Ratio Lower Upper

88 100

43 35.4 32.6 49.0

58 67.3 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN063360.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2295) (-)

250000

200000

150000

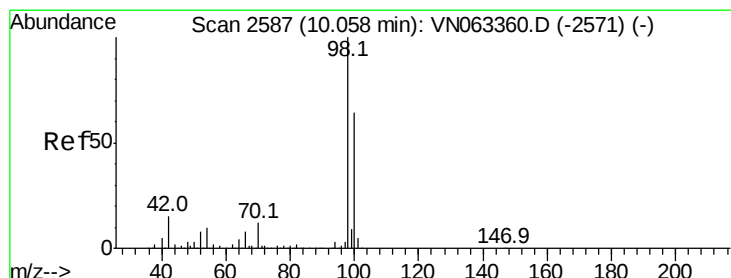
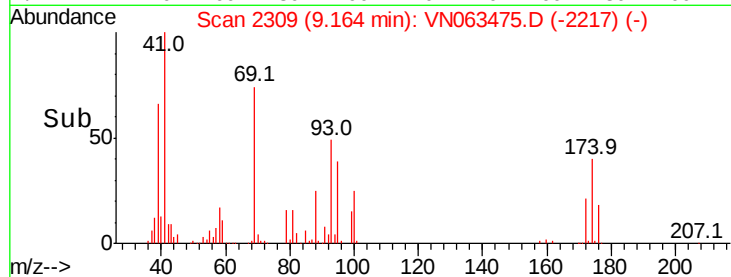
100000

50000

0

9.10 9.15 9.20 9.25

Time-->



#50

Toluene-d8

Concen: 45.932 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063475.D

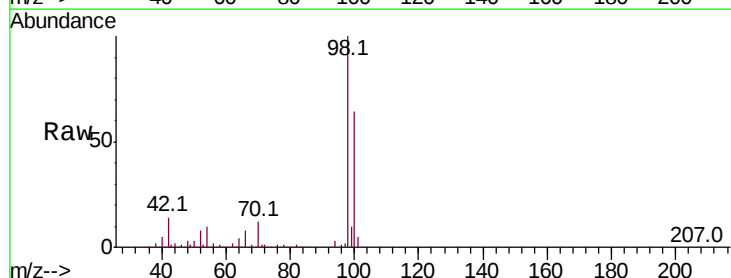
Acq: 21 Sep 2020 10:30

Tgt Ion: 98 Resp: 623229

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

400000

300000

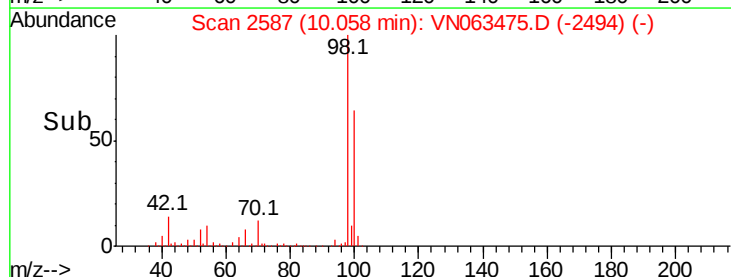
200000

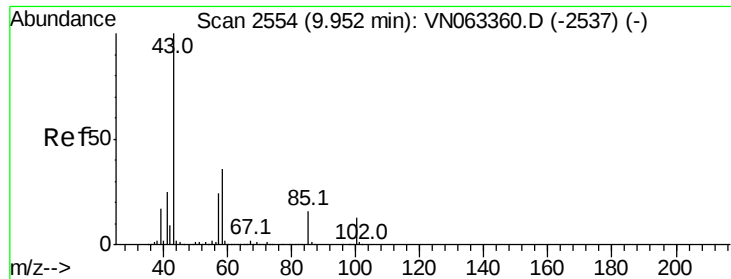
100000

0

9.10 9.15 9.20 9.25

Time-->





#51

4-Methyl-2-Pentanone

Concen: 227.786 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

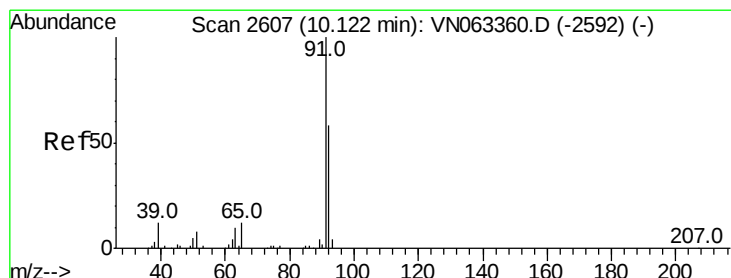
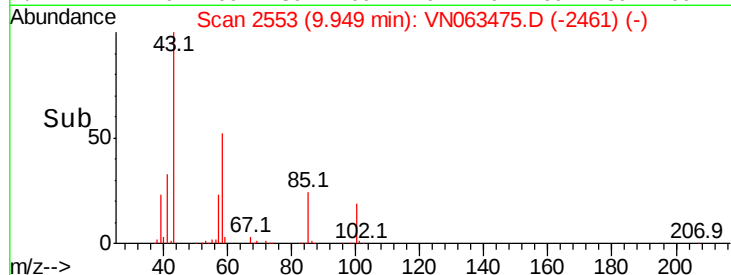
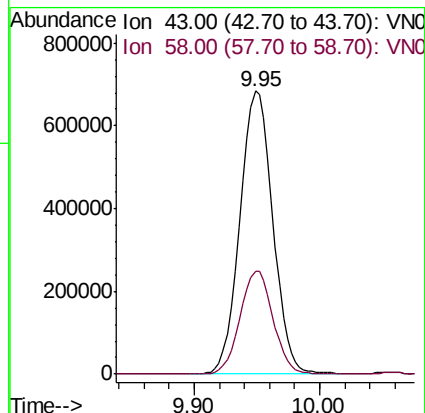
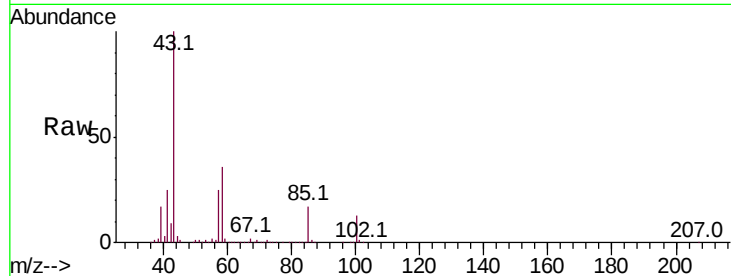
VSTDCCC050

Tot Ion: 43 Resp: 1242758

Ion Ratio Lower Upper

43 100

58 36.5 29.0 43.6



#52

Toluene

Concen: 49.580 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063475.D

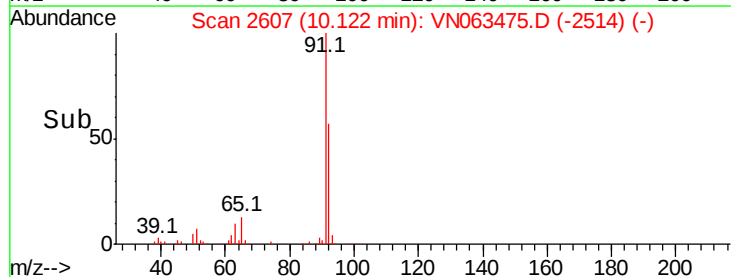
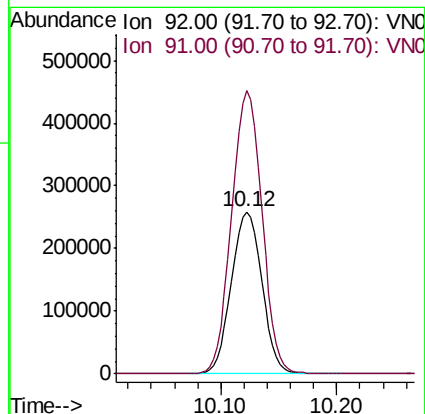
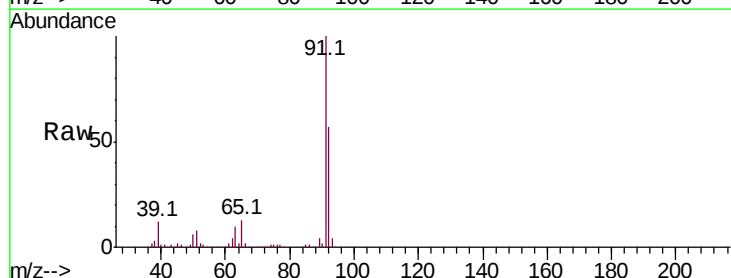
Acq: 21 Sep 2020 10:30

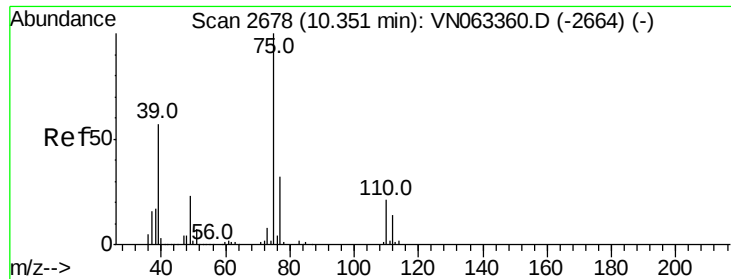
Tgt Ion: 92 Resp: 472542

Ion Ratio Lower Upper

92 100

91 174.1 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 48.711 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

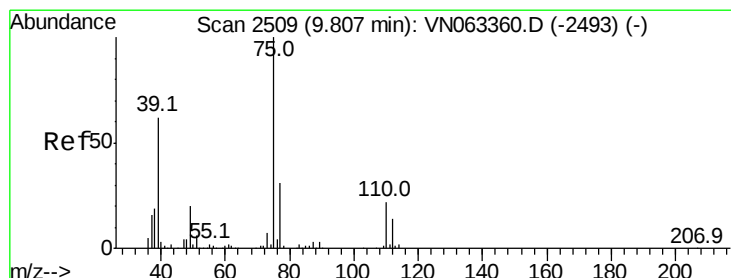
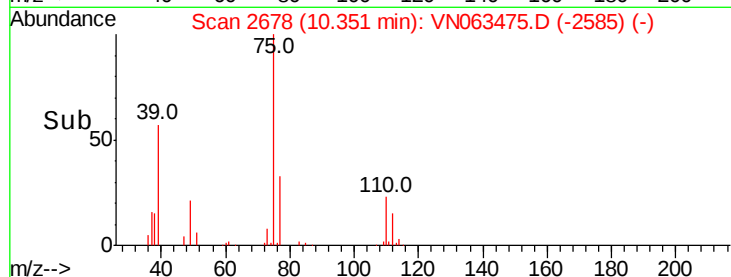
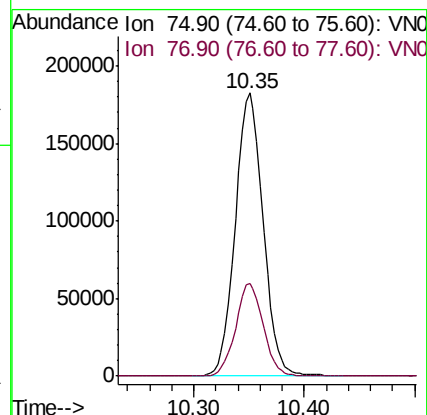
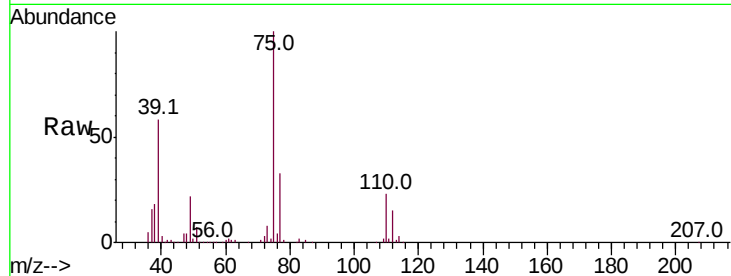
VSTDCCC050

Tot Ion: 75 Resp: 320582

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 48.193 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

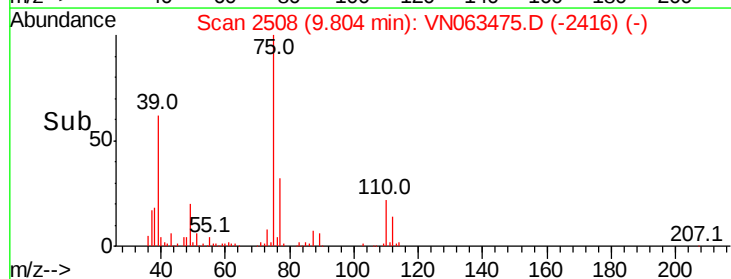
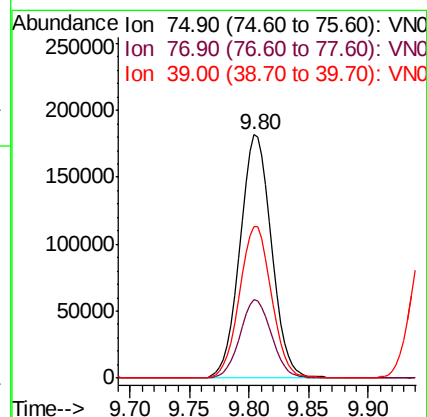
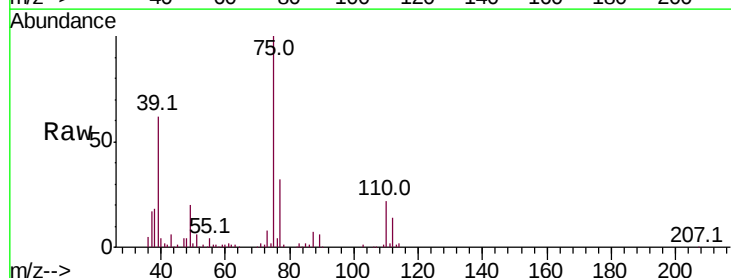
Tgt Ion: 75 Resp: 334549

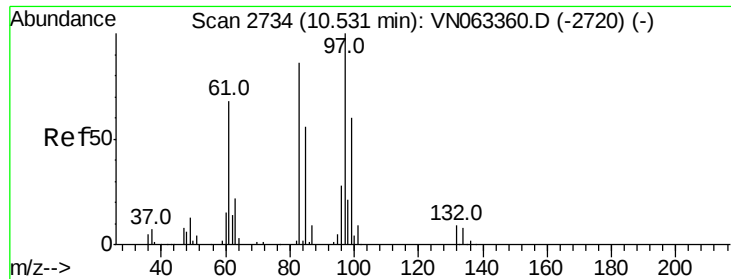
Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

39 61.9 49.8 74.8

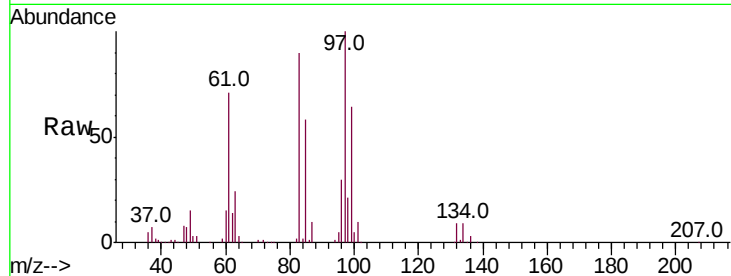




#55
 1,1,2-Trichloroethane
 Concen: 47.995 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	181693
Ion	Ratio	Lower	Upper
97	100		
83	90.2	68.9	103.3
85	57.9	44.8	67.2
99	64.0	47.8	71.8



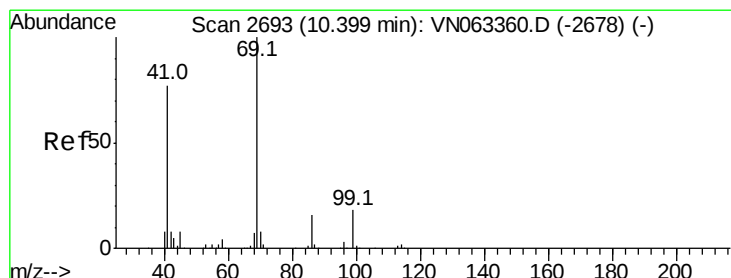
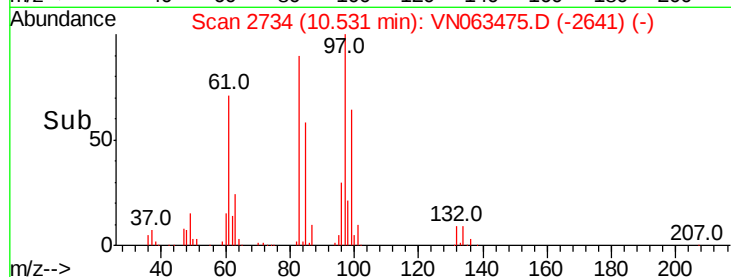
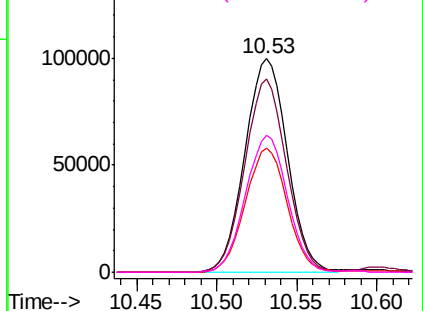
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

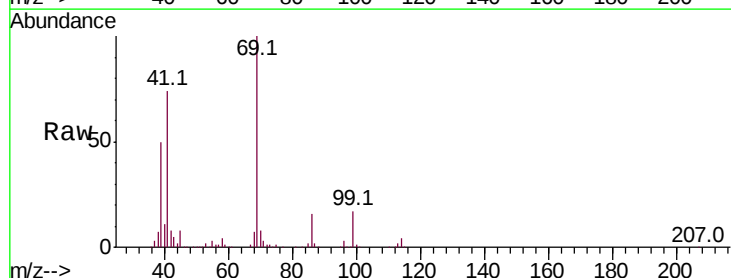
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 47.815 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion:	69	Resp:	282584
Ion	Ratio	Lower	Upper
69	100		
41	73.6	61.0	91.6
39	49.4	39.2	58.8

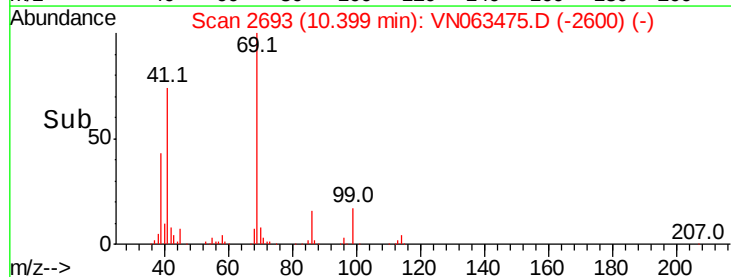
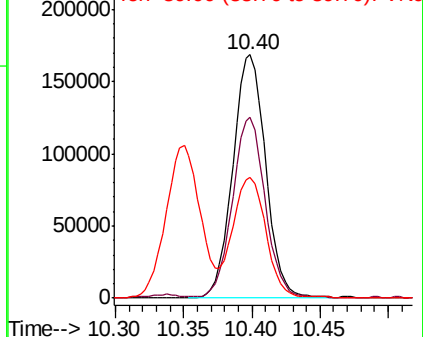


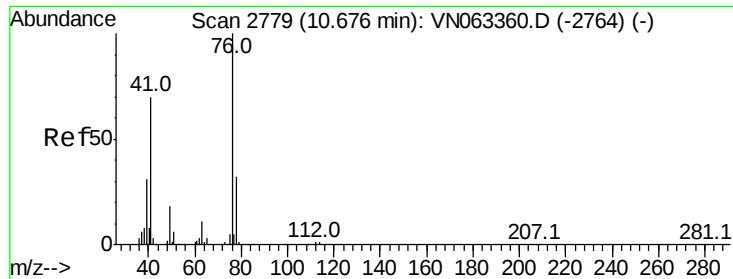
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 46.529 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

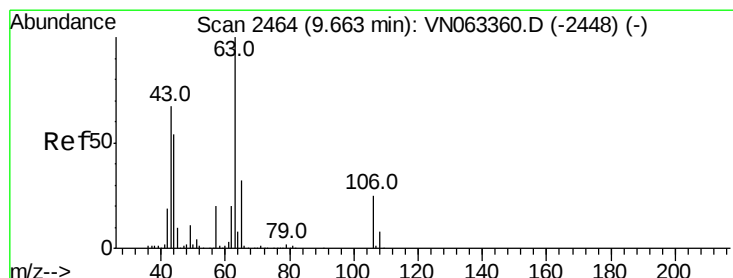
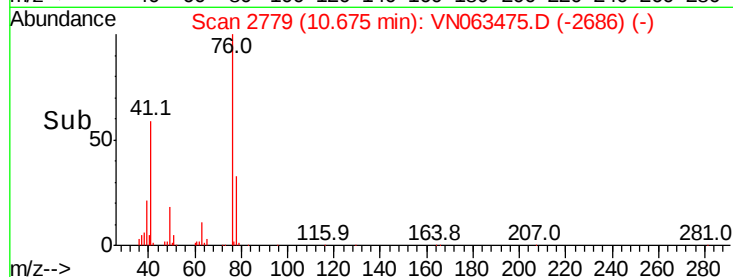
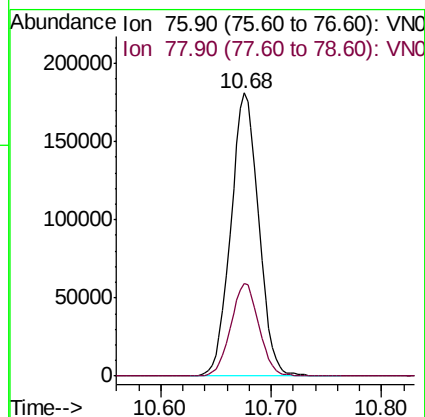
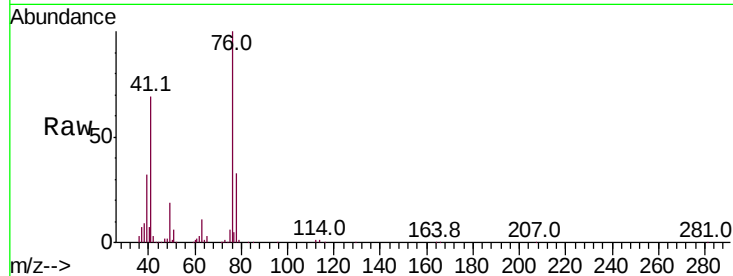
VSTDCCC050

Tot Ion: 76 Resp: 317649

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 213.492 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN063475.D

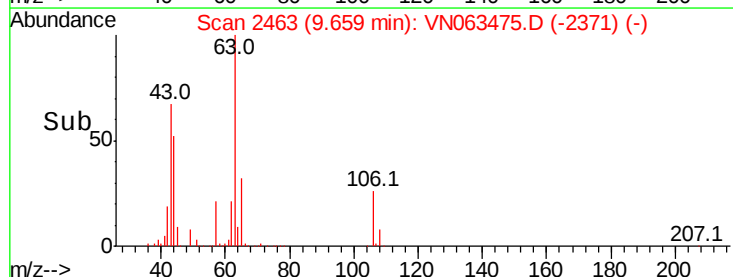
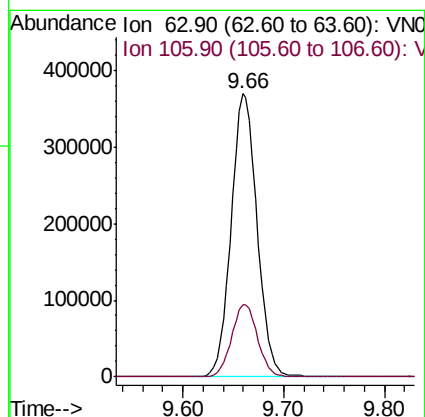
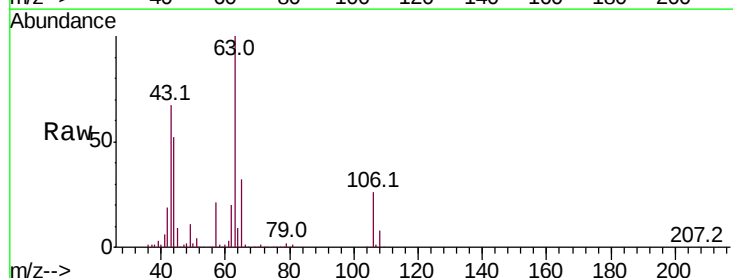
Acq: 21 Sep 2020 10:30

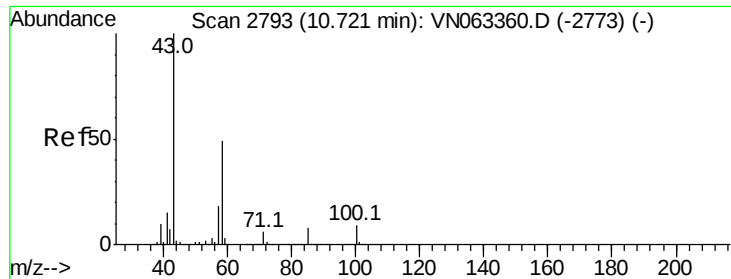
Tgt Ion: 63 Resp: 661871

Ion Ratio Lower Upper

63 100

106 25.8 19.5 29.3

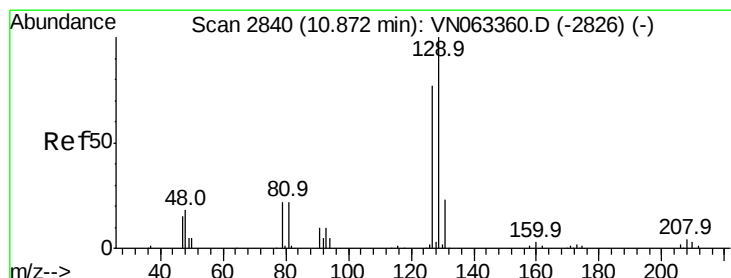
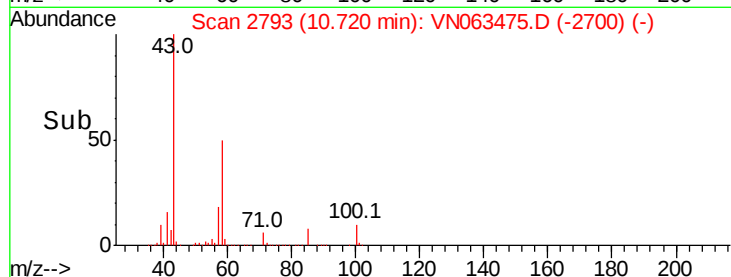
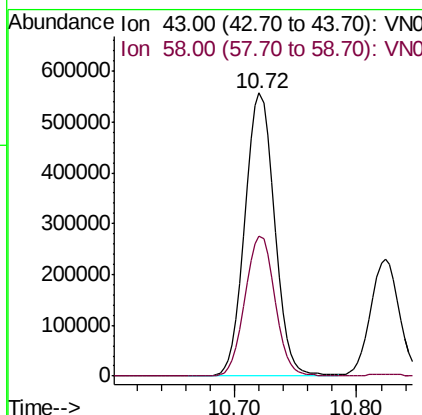
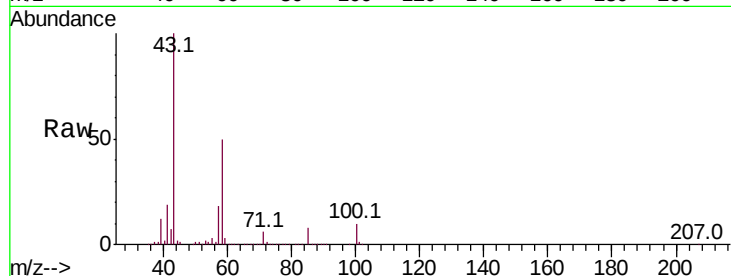




#59
2-Hexanone
Concen: 235.133 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

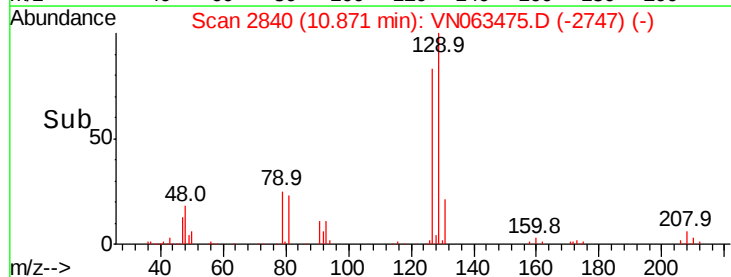
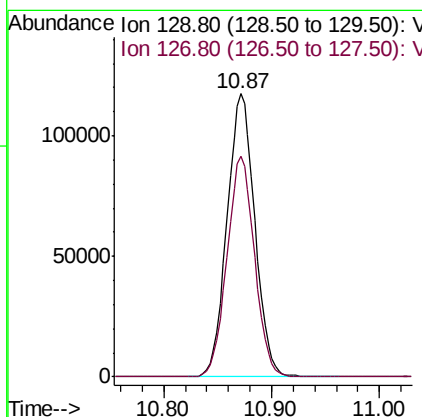
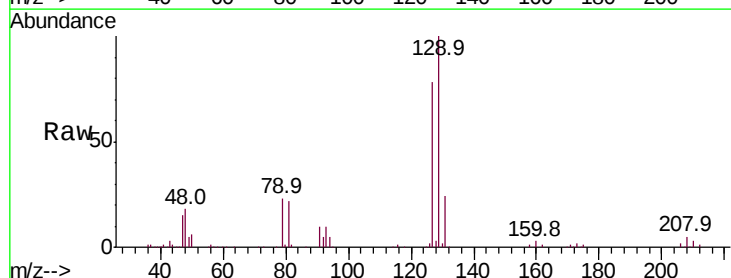
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

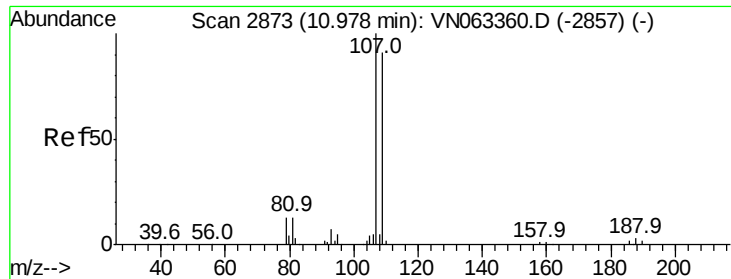
Tot Ion: 43 Resp: 929384
Ion Ratio Lower Upper
43 100
58 50.3 24.7 74.1



#60
Dibromochloromethane
Concen: 49.294 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion: 129 Resp: 210820
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3

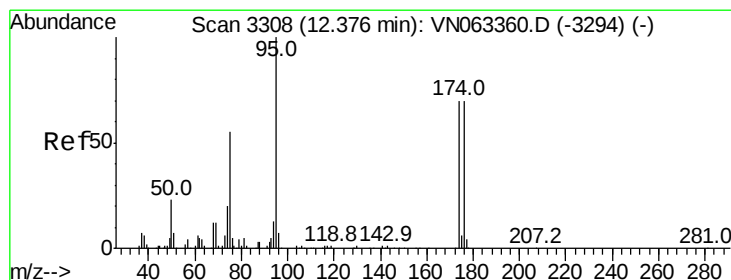
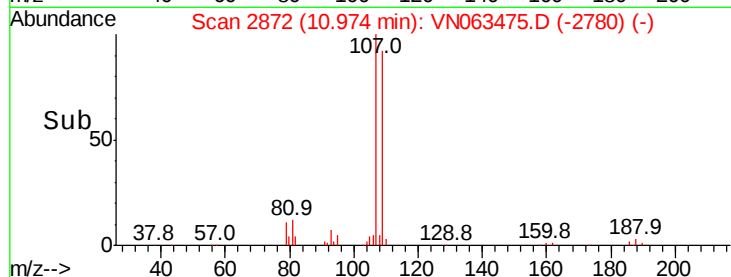
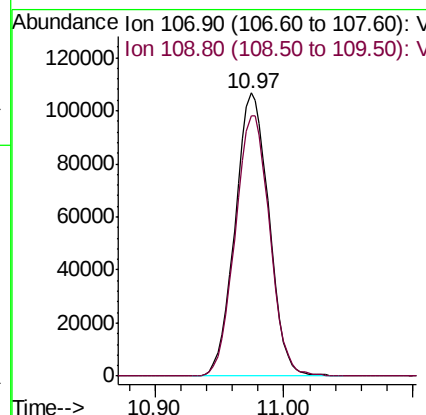
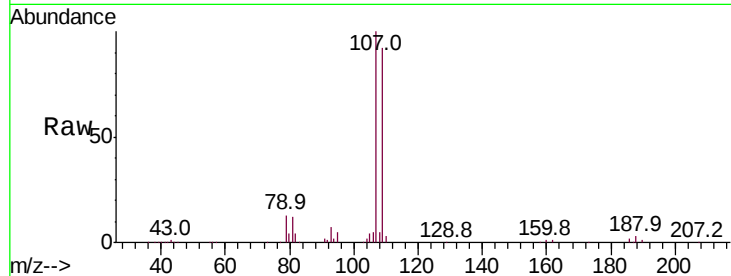




#61
 1,2-Dibromoethane
 Concen: 49.315 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

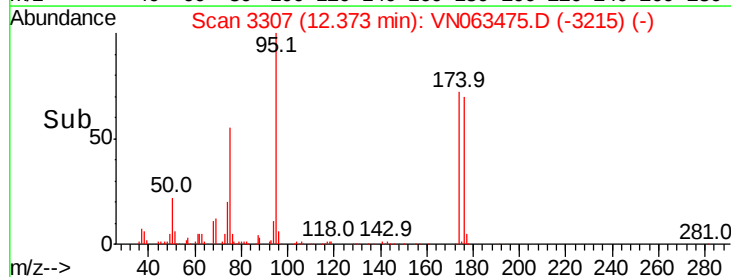
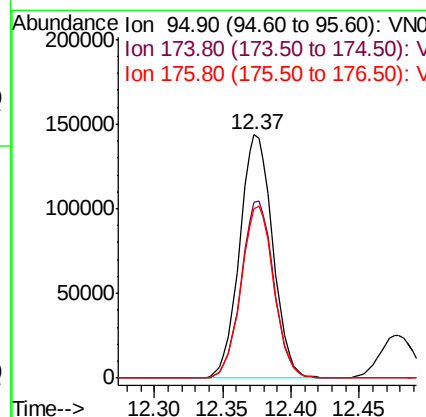
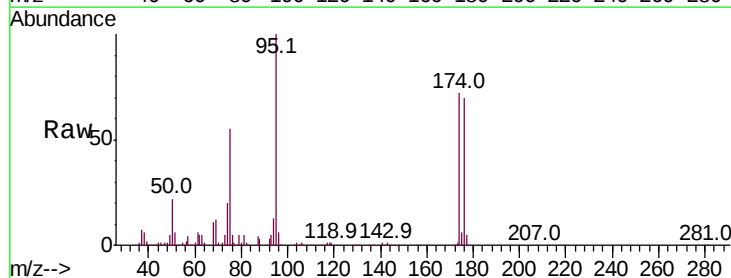
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

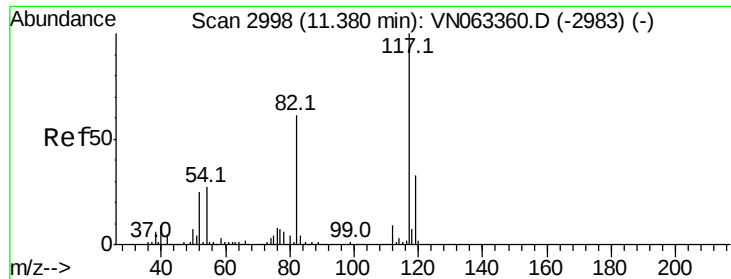
Tot Ion:107 Resp: 193959
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 48.636 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion: 95 Resp: 241913
 Ion Ratio Lower Upper
 95 100
 174 71.5 0.0 140.8
 176 69.8 0.0 137.6

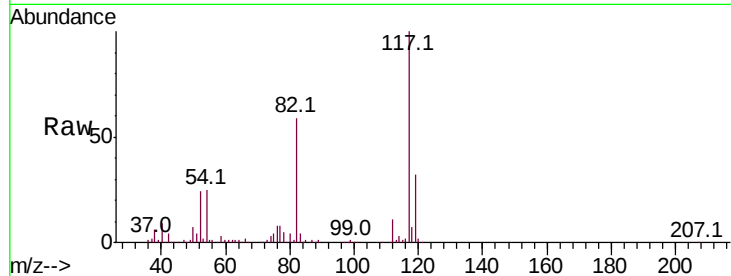




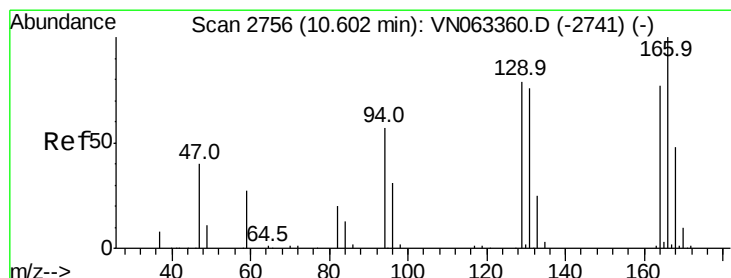
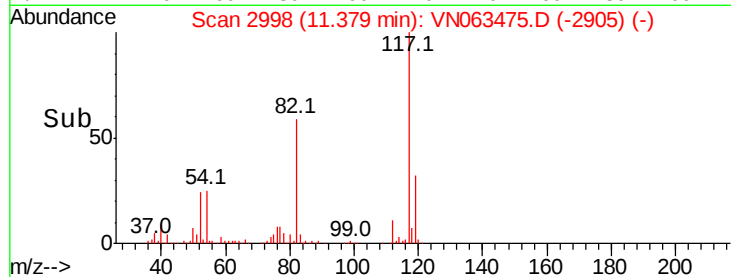
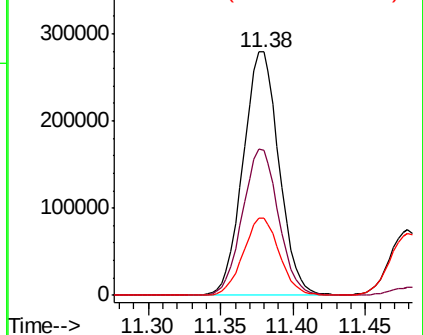
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 482125
Ion Ratio Lower Upper
117 100
82 59.4 49.2 73.8
119 31.5 26.2 39.4

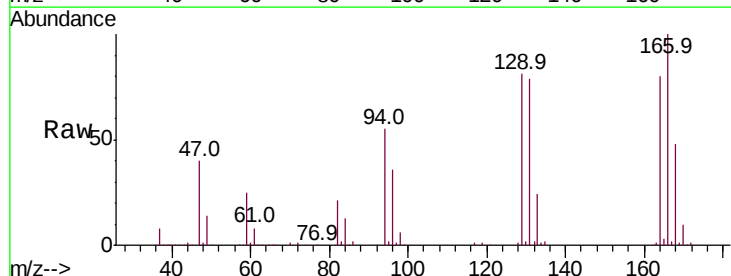


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

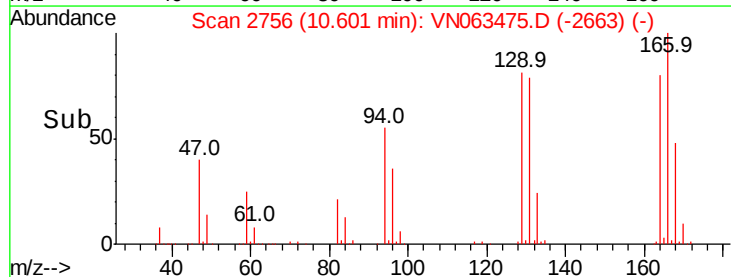
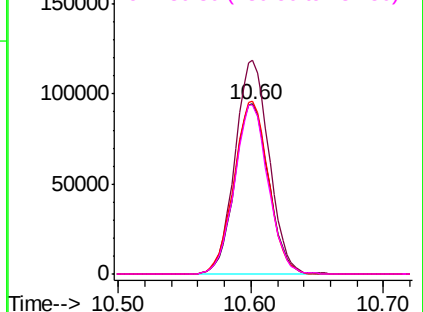


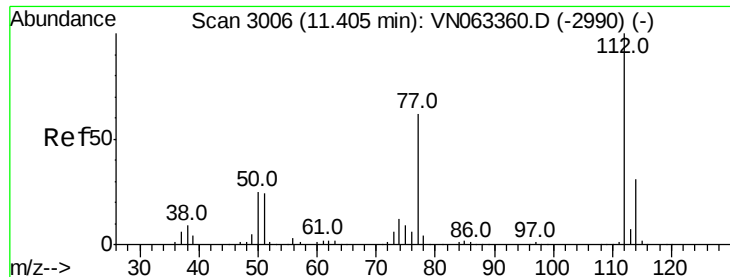
#64
Tetrachloroethene
Concen: 51.394 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion:164 Resp: 168722
Ion Ratio Lower Upper
164 100
166 125.5 103.4 155.0
129 101.3 81.8 122.6
131 99.7 78.2 117.4



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

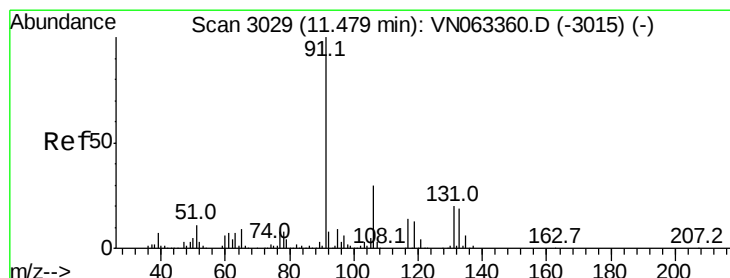
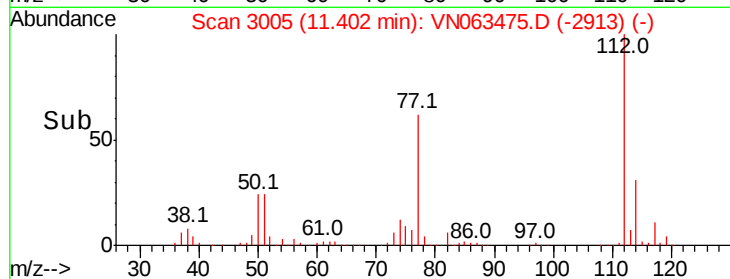
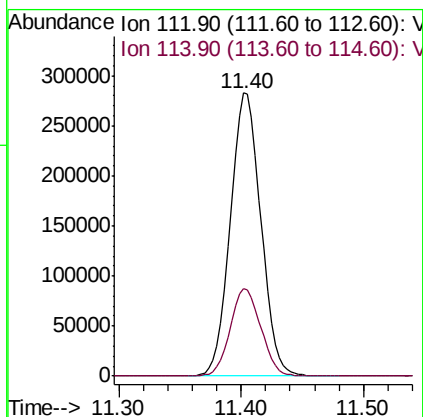
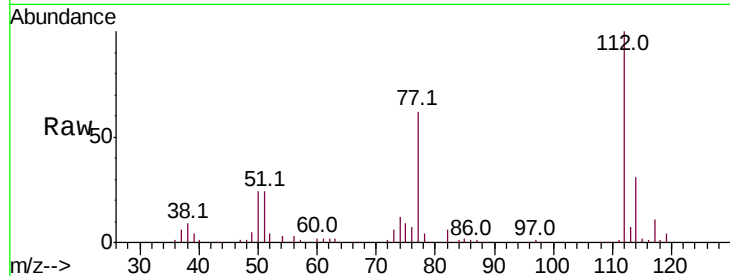




#65
Chlorobenzene
Concen: 48.128 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

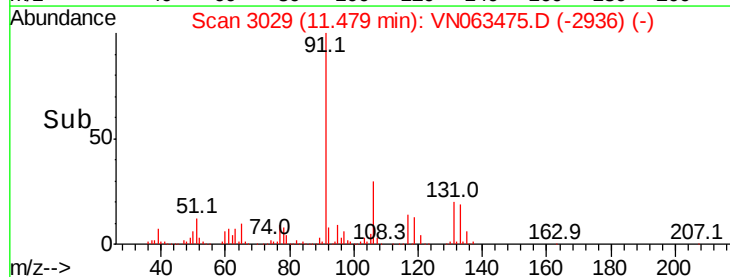
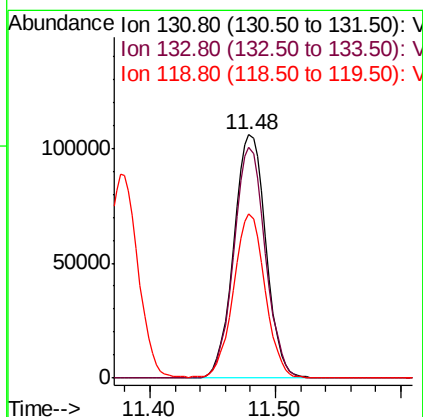
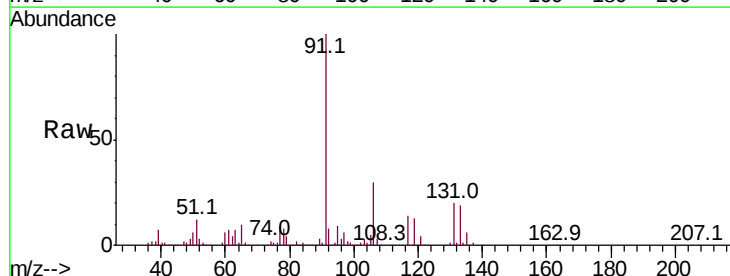
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

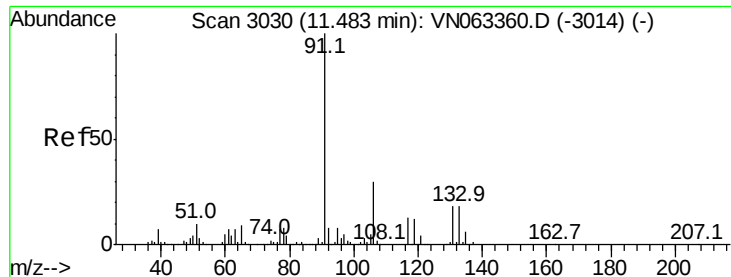
Tot Ion:112 Resp: 492552
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.292 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion:131 Resp: 188670
Ion Ratio Lower Upper
131 100
133 93.3 47.3 141.9
119 66.2 33.6 100.8

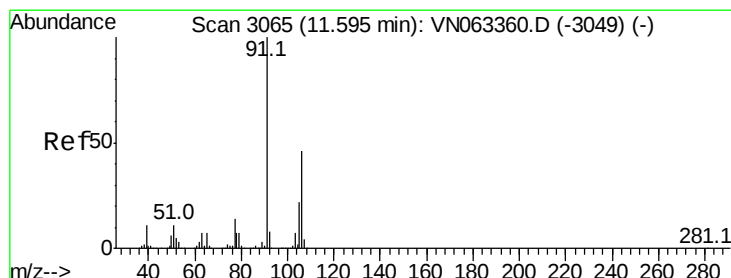
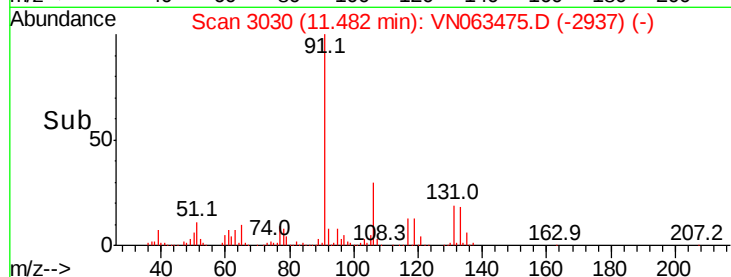
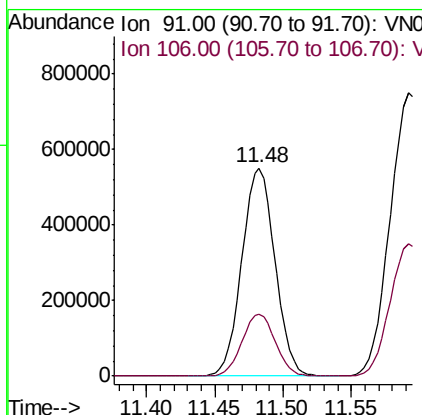
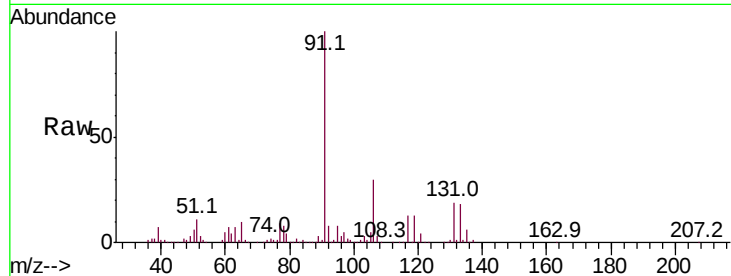




#67
Ethyl Benzene
Concen: 48.245 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

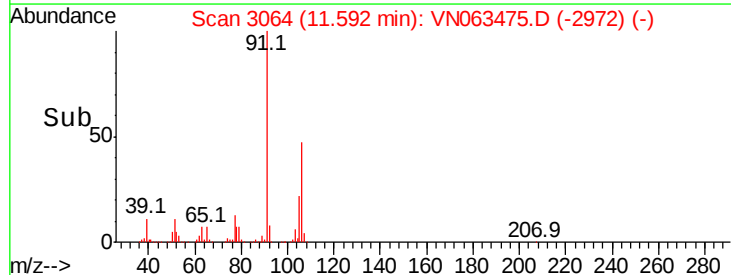
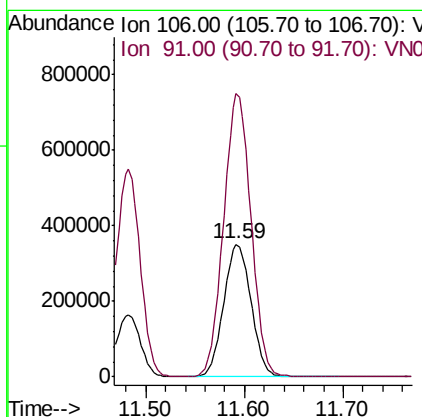
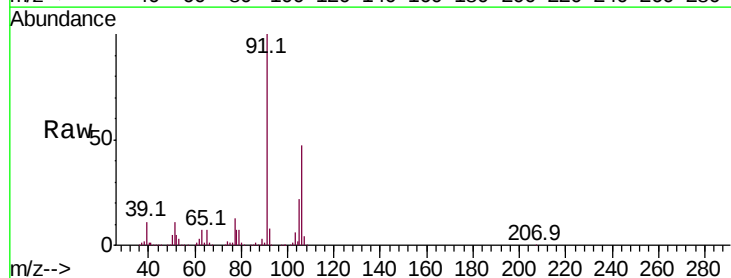
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

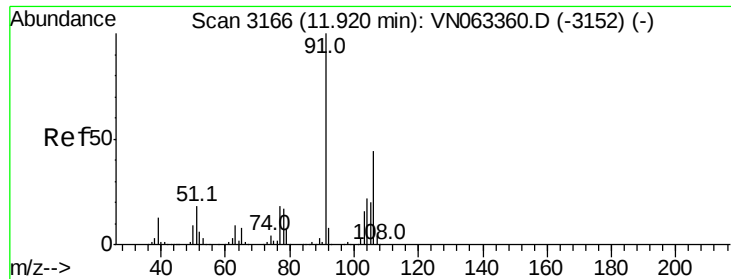
Tot Ion: 91 Resp: 929827
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6



#68
m/p-Xylenes
Concen: 98.640 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion: 106 Resp: 685435
Ion Ratio Lower Upper
106 100
91 212.9 171.2 256.8

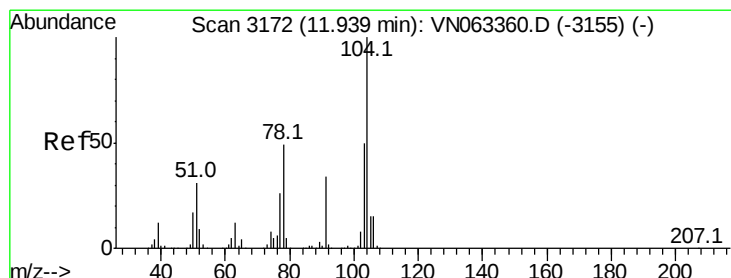
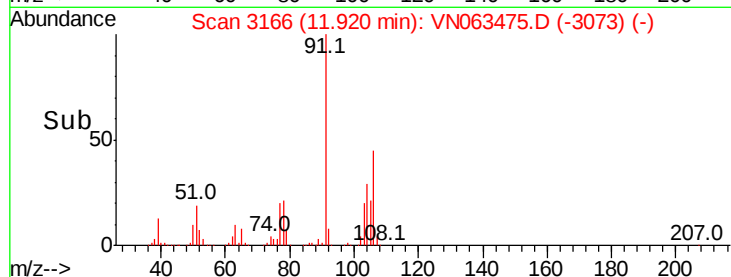
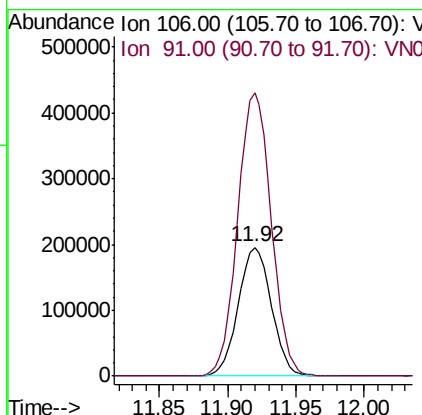
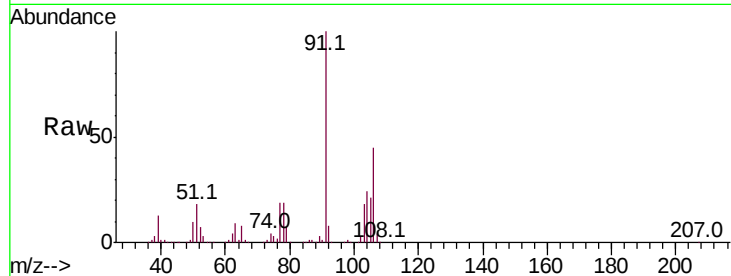




#69
o-Xylene
Concen: 49.815 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

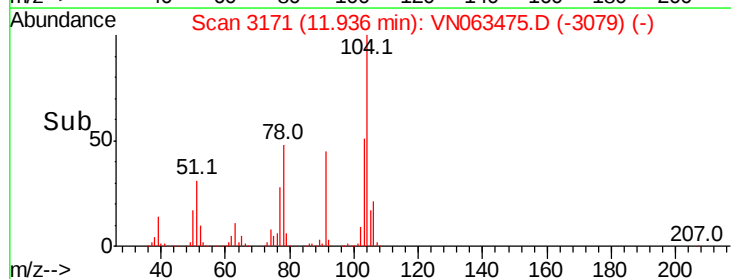
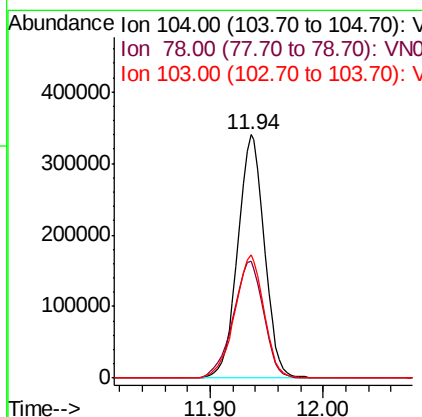
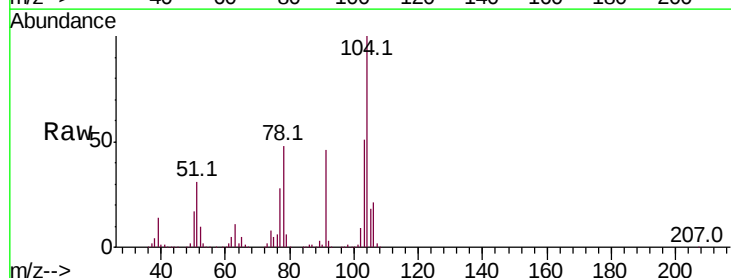
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

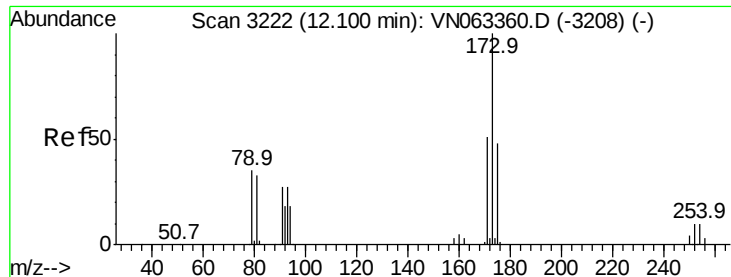
Tot Ion:106 Resp: 329750
Ion Ratio Lower Upper
106 100
91 223.5 113.6 340.8



#70
Styrene
Concen: 50.425 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion:104 Resp: 559753
Ion Ratio Lower Upper
104 100
78 54.6 44.4 66.6
103 55.4 43.7 65.5





#71

Bromoform

Concen: 50.859 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

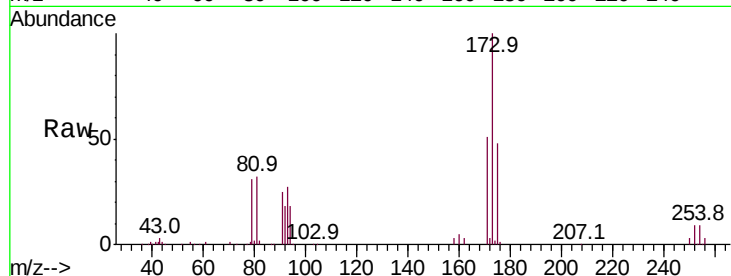
Tot Ion:173 Resp: 142139

Ion Ratio Lower Upper

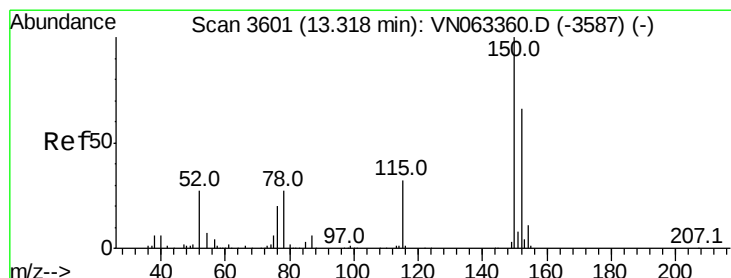
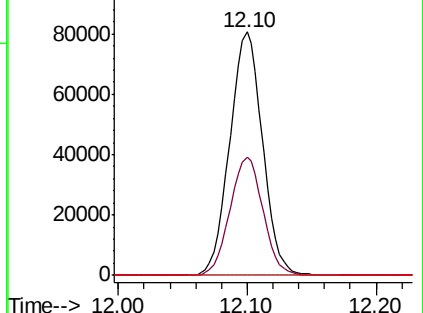
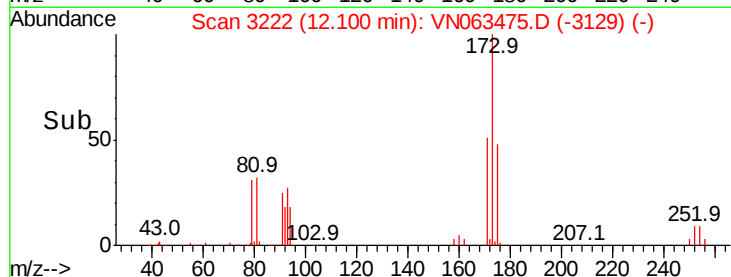
173 100

175 48.9 24.0 72.0

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: VN063475.D

Acq: 21 Sep 2020 10:30

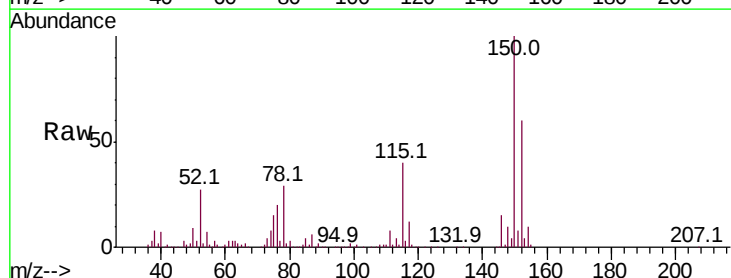
Tgt Ion:152 Resp: 236894

Ion Ratio Lower Upper

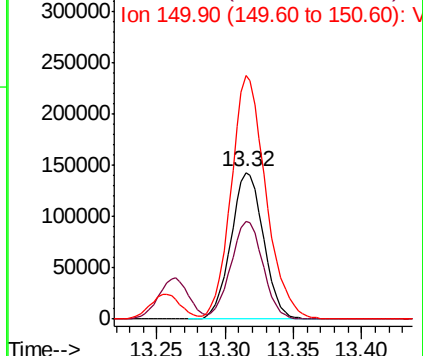
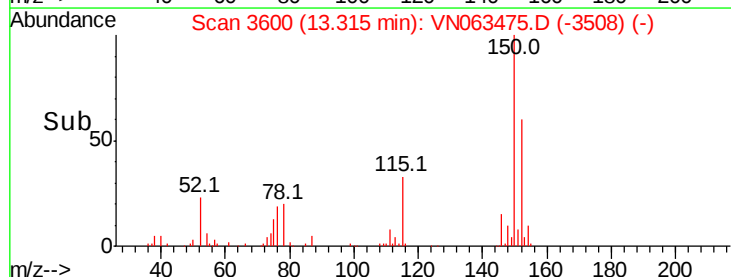
152 100

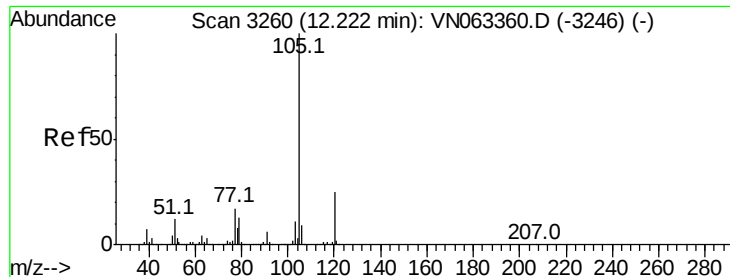
115 65.7 32.2 96.6

150 176.8 0.0 343.4



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: 47.521 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

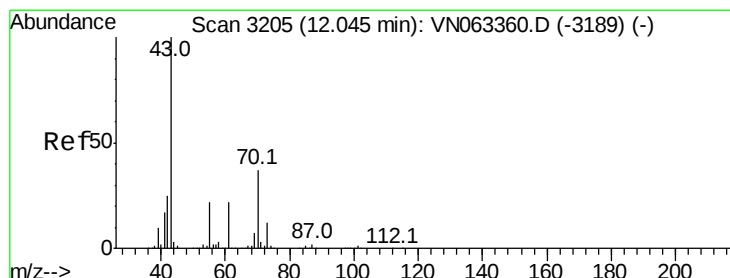
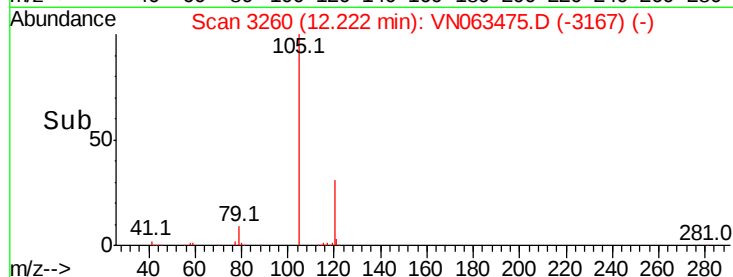
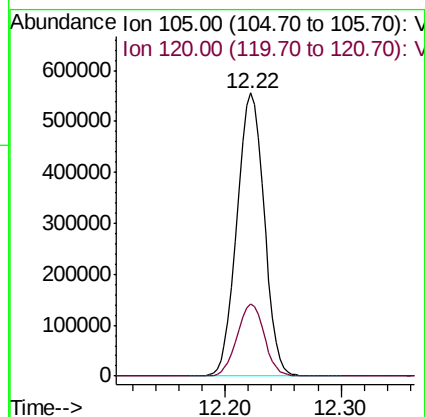
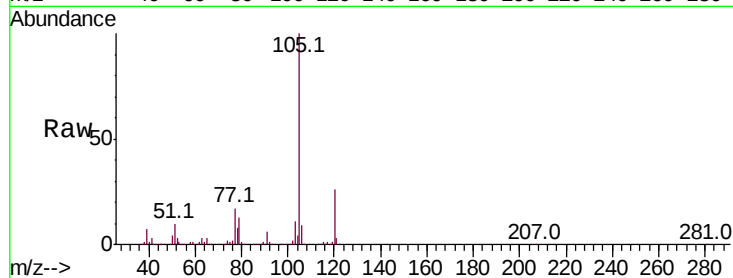
VSTDCCC050

Tot Ion:105 Resp: 902115

Ion Ratio Lower Upper

105 100

120 25.4 12.7 38.0



#74

N-ethyl acetate

Concen: 44.931 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Tgt Ion: 43 Resp: 403761

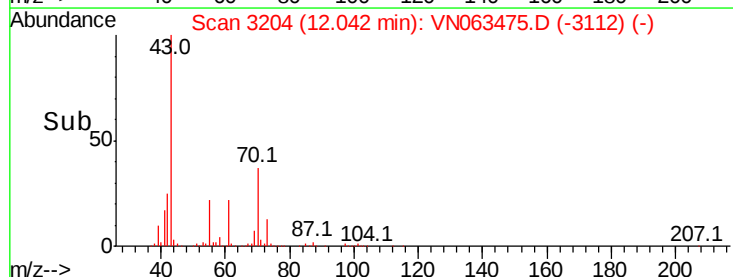
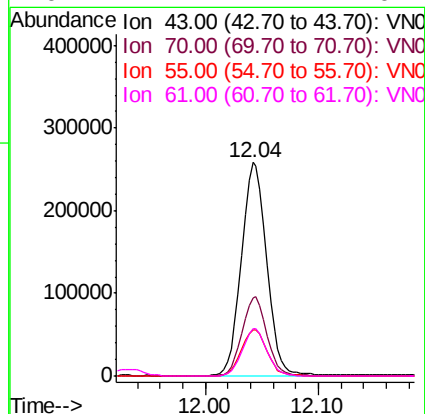
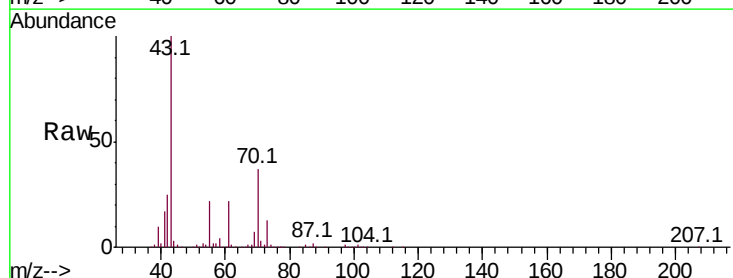
Ion Ratio Lower Upper

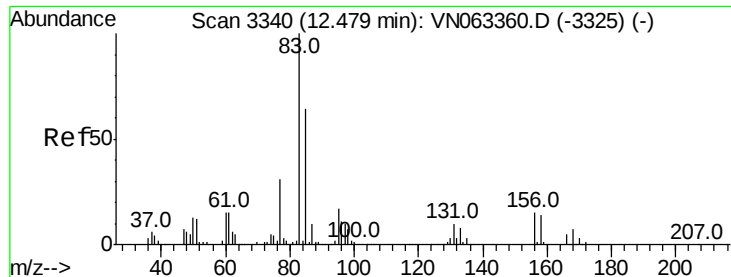
43 100

70 36.1 29.6 44.4

55 22.3 17.7 26.5

61 21.7 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.928 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

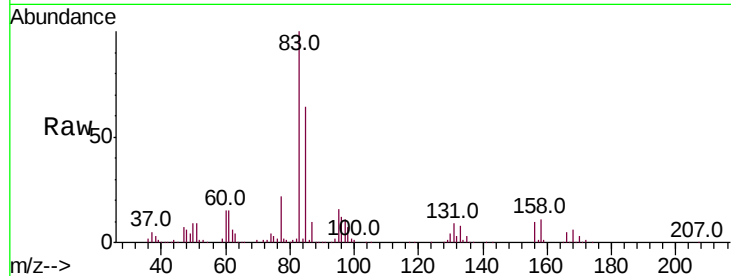
Tot Ion: 83 Resp: 264077

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

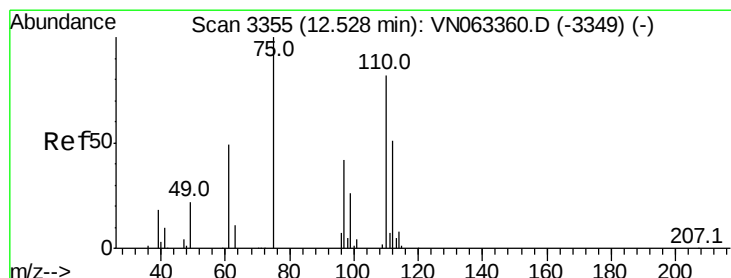
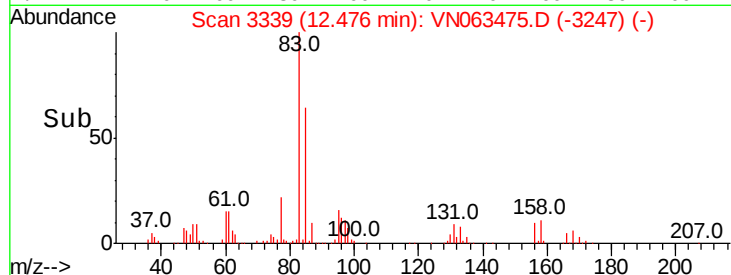
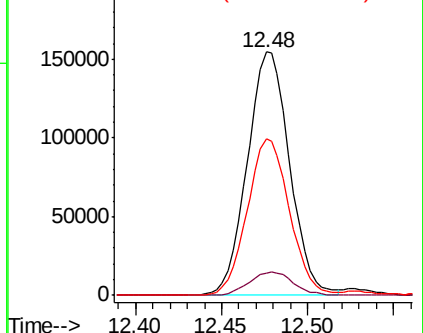
85 64.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 62.297 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN063475.D

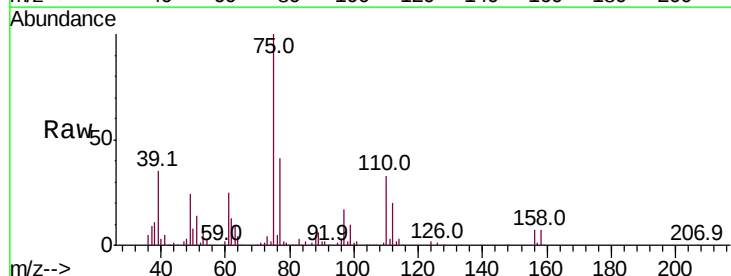
Acq: 21 Sep 2020 10:30

Tgt Ion: 75 Resp: 365274

Ion Ratio Lower Upper

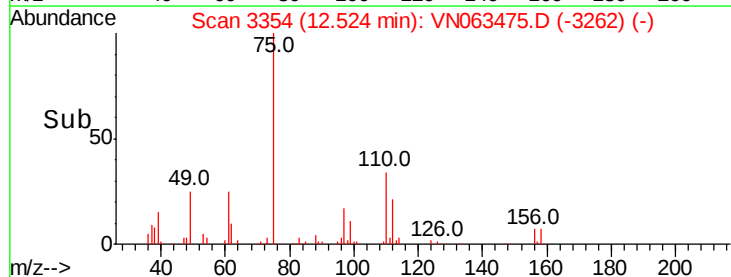
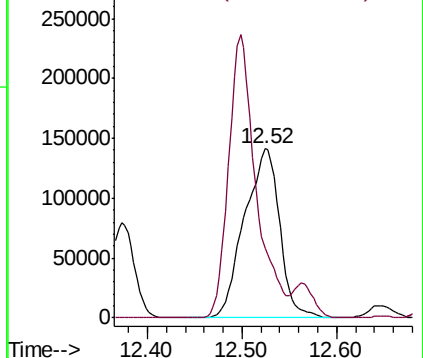
75 100

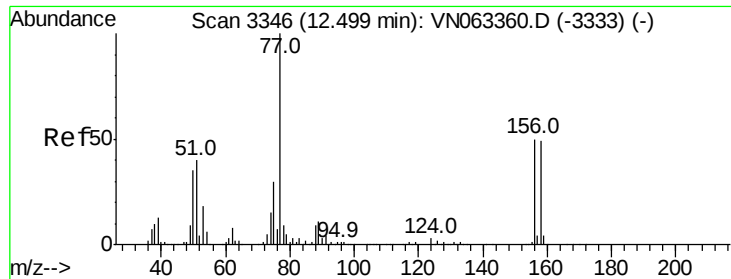
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 47.768 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

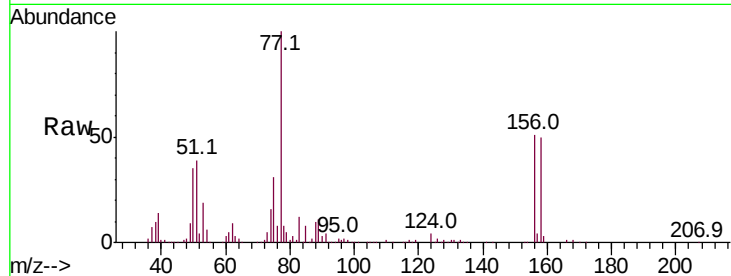
Tot Ion:156 Resp: 203978

Ion Ratio Lower Upper

156 100

77 234.4 120.2 360.6

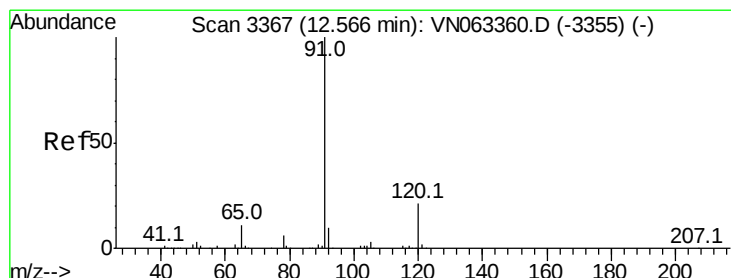
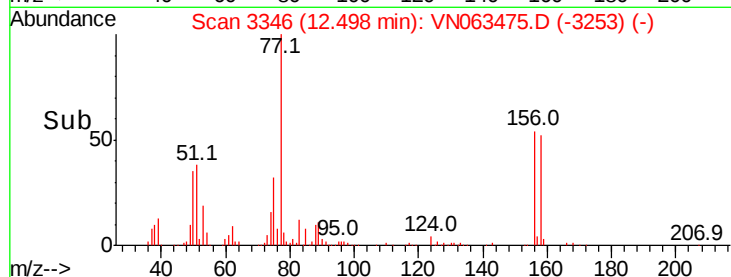
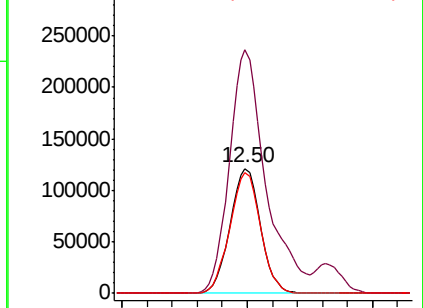
158 97.6 48.9 146.6



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: 48.155 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN063475.D

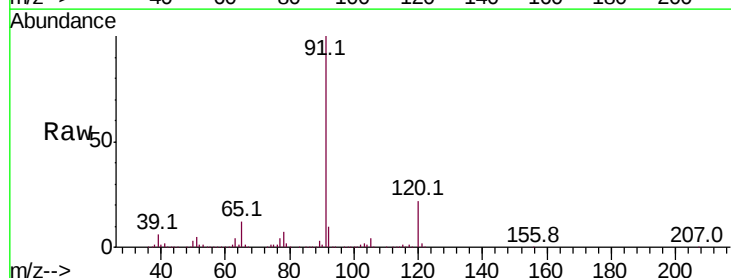
Acq: 21 Sep 2020 10:30

Tgt Ion: 91 Resp: 1064715

Ion Ratio Lower Upper

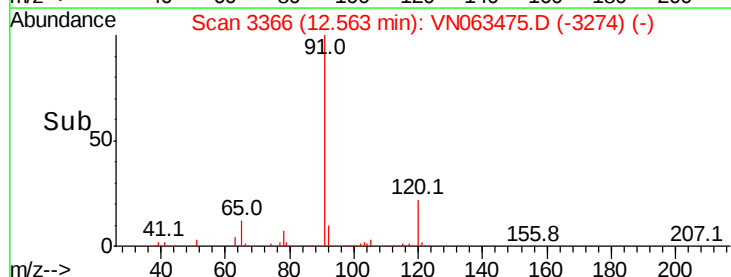
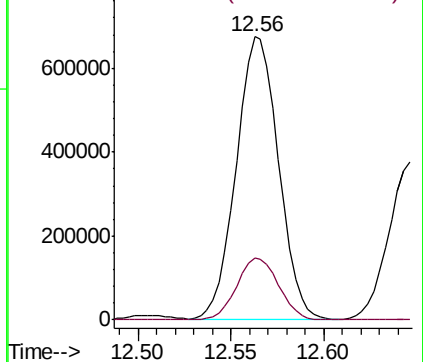
91 100

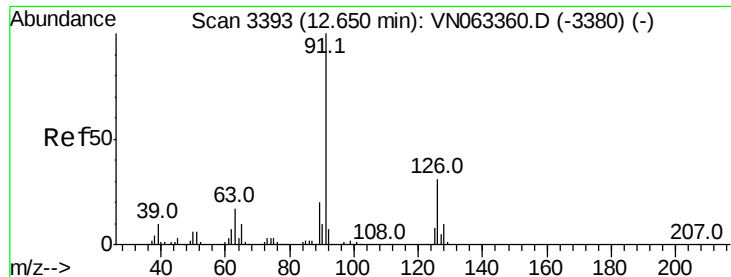
120 21.9 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.233 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

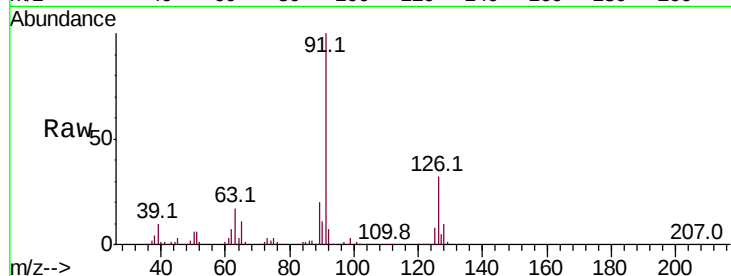
VSTDCCC050

Tot Ion: 91 Resp: 626023

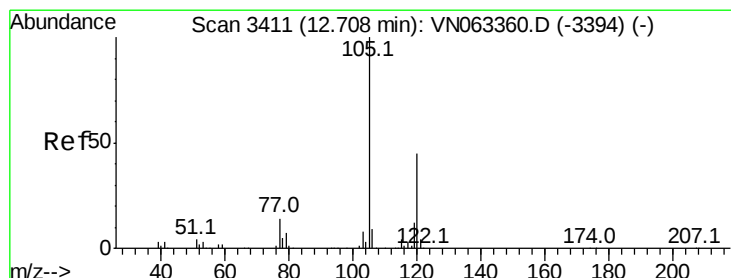
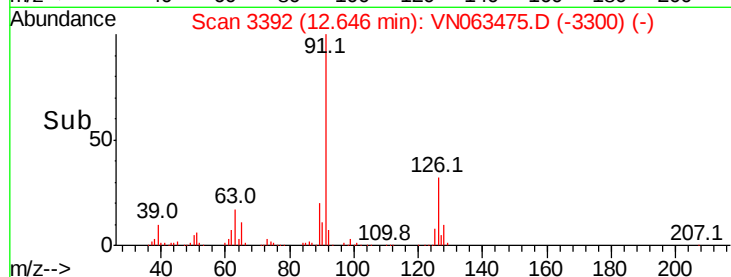
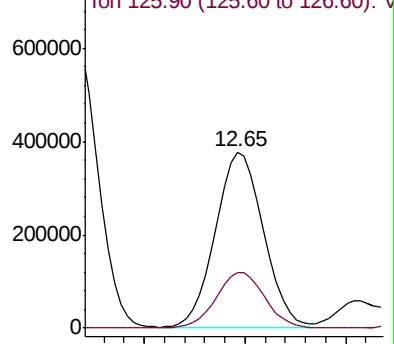
Ion Ratio Lower Upper

91 100

126 32.2 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.160 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063475.D

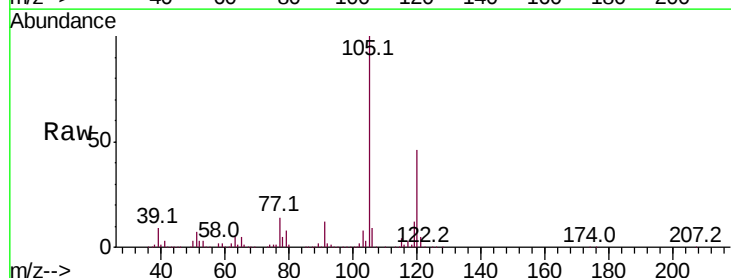
Acq: 21 Sep 2020 10:30

Tgt Ion:105 Resp: 778191

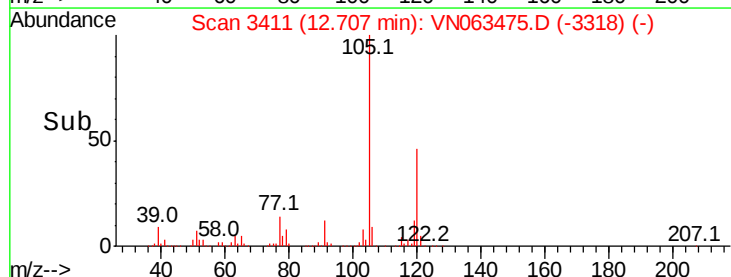
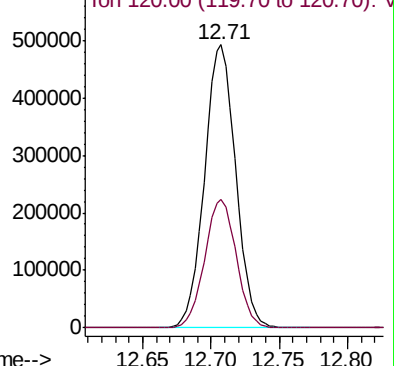
Ion Ratio Lower Upper

105 100

120 46.0 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.860 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

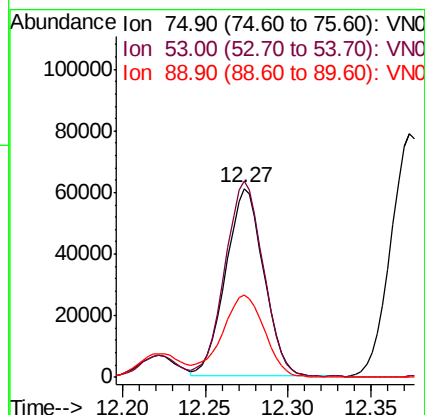
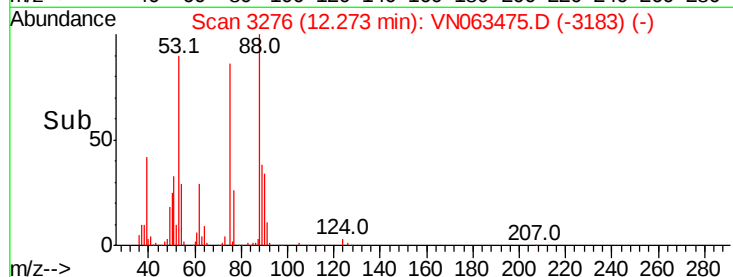
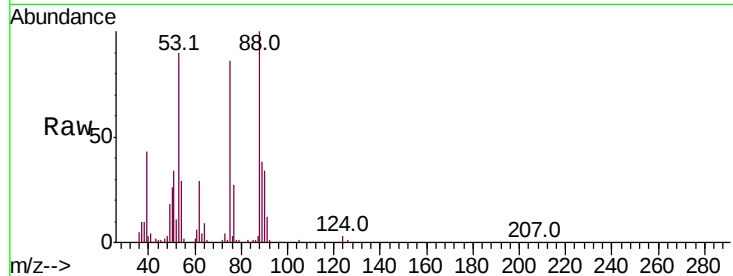
Tot Ion: 75 Resp: 98081

Ion Ratio Lower Upper

75 100

53 104.8 85.7 128.5

89 49.3 38.0 57.0



#82

4-Chlorotoluene

Concen: 48.713 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063475.D

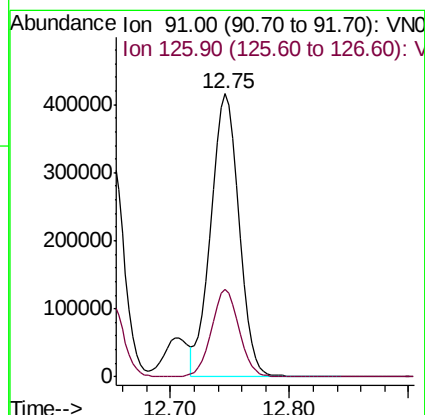
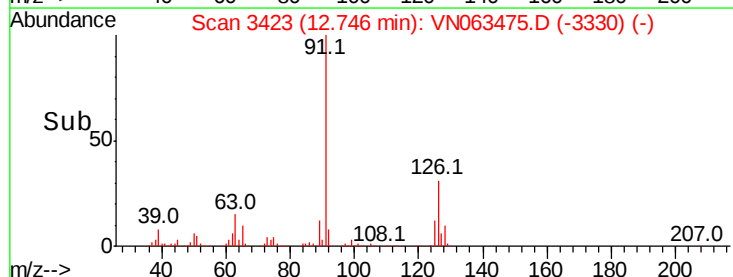
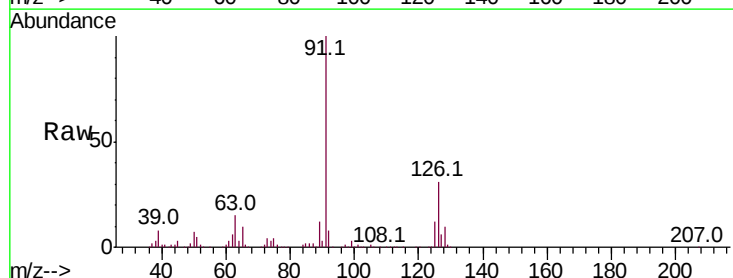
Acq: 21 Sep 2020 10:30

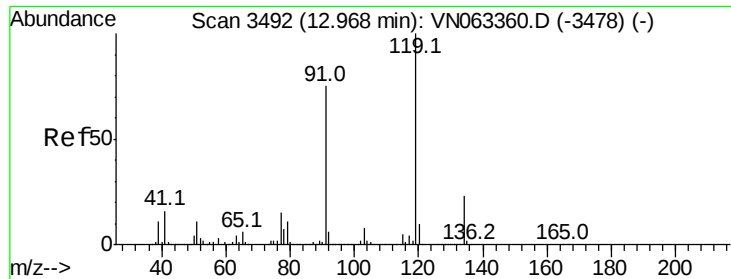
Tgt Ion: 91 Resp: 682169

Ion Ratio Lower Upper

91 100

126 30.2 15.5 46.5

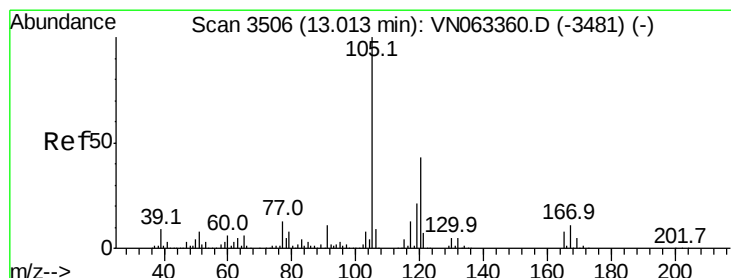
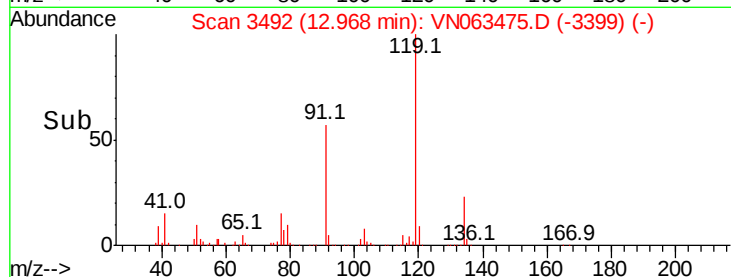
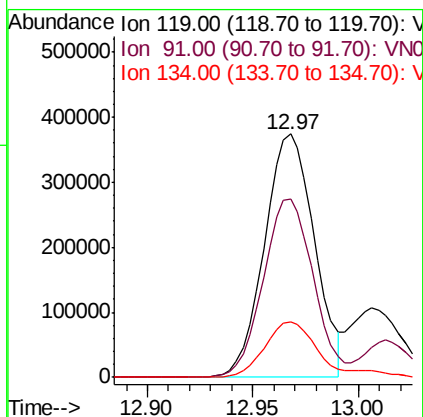
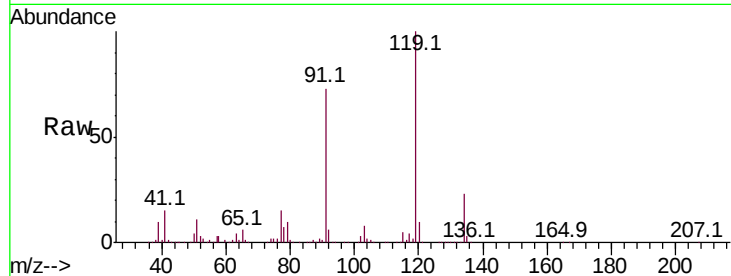




#83
tert-Butylbenzene
Concen: 47.315 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

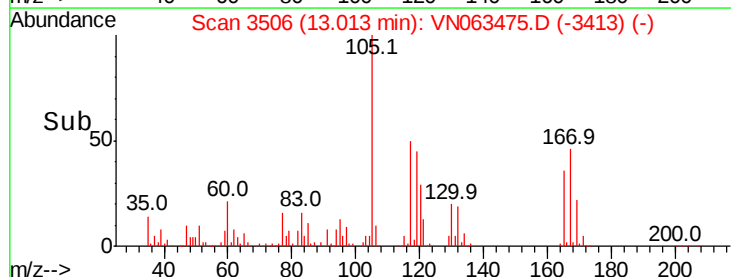
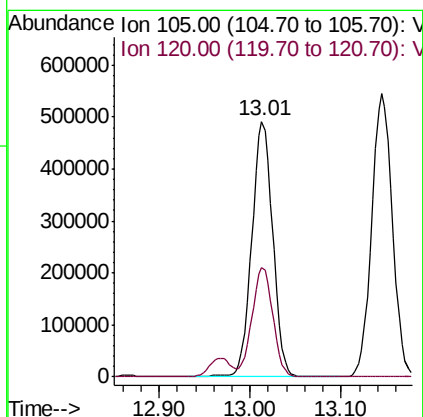
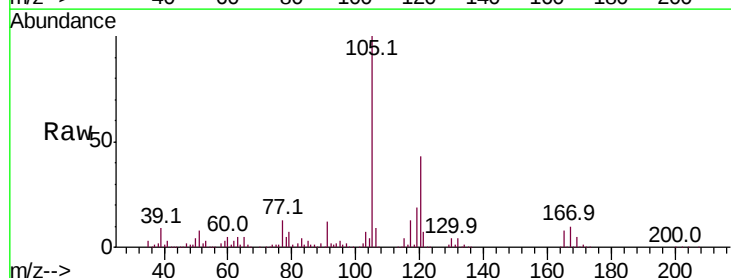
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

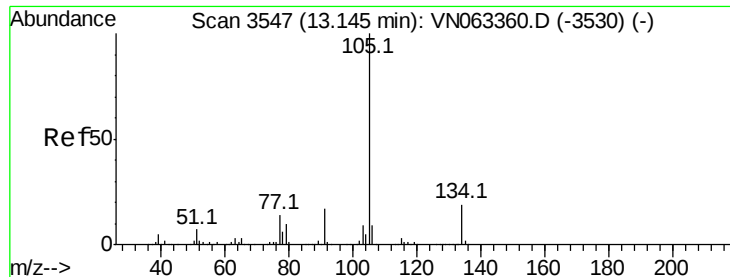
Tot Ion:119 Resp: 618170
Ion Ratio Lower Upper
119 100
91 73.6 36.3 108.9
134 23.2 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 49.218 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion:105 Resp: 786959
Ion Ratio Lower Upper
105 100
120 42.7 21.3 63.9





#85

sec-Butylbenzene

Concen: 48.902 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

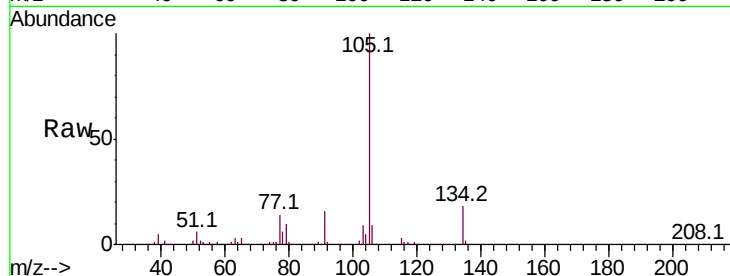
VSTDCCC050

Tot Ion:105 Resp: 855211

Ion Ratio Lower Upper

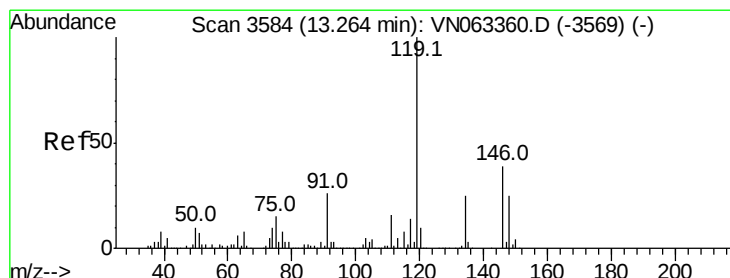
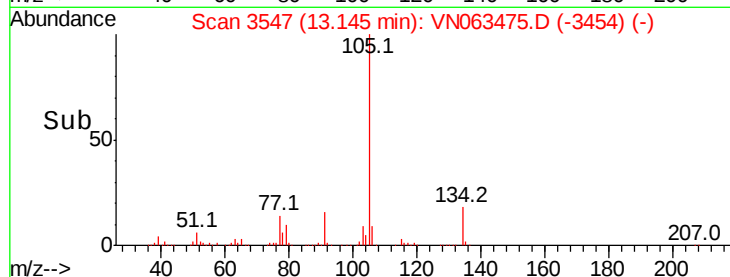
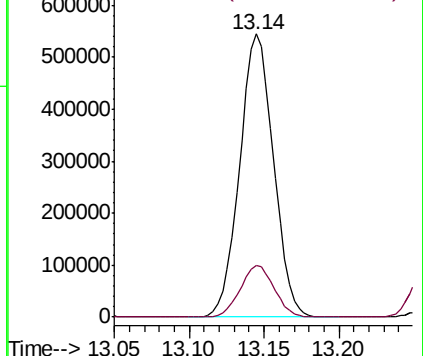
105 100

134 18.6 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.974 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

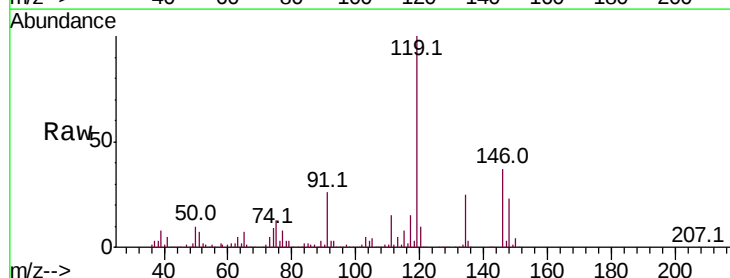
Tgt Ion:119 Resp: 770841

Ion Ratio Lower Upper

119 100

134 24.9 12.5 37.5

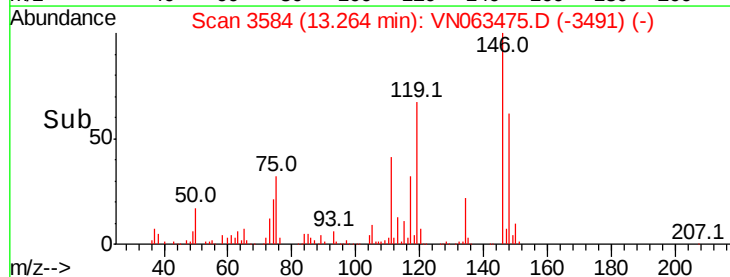
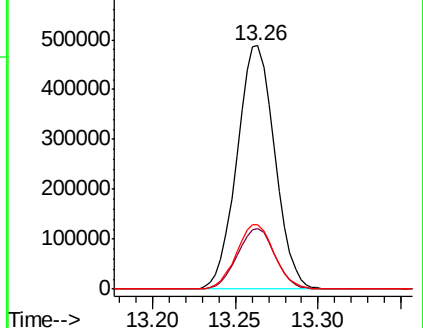
91 26.3 13.4 40.1

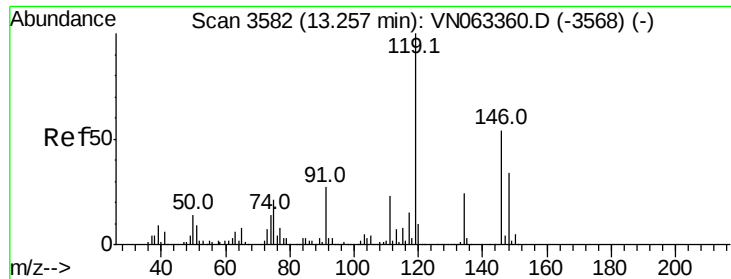


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

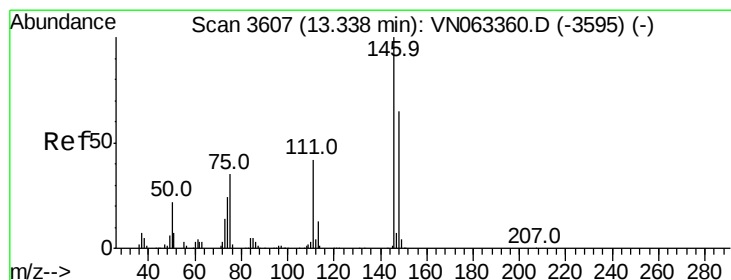
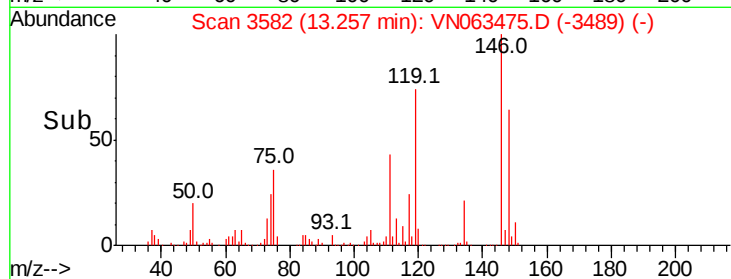
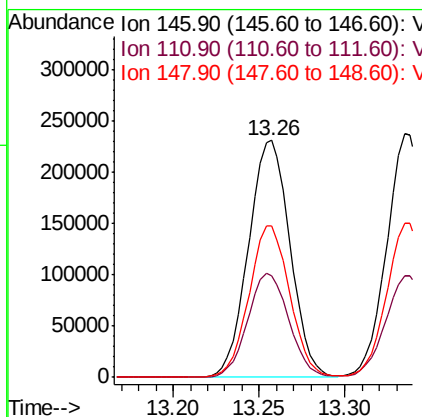
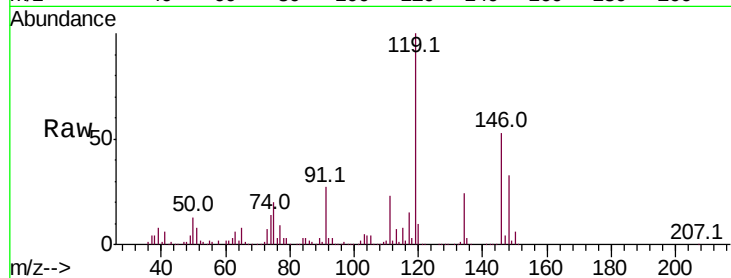




#87
 1,3-Dichlorobenzene
 Concen: 48.827 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

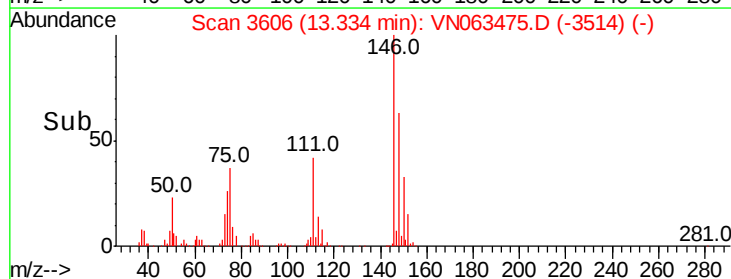
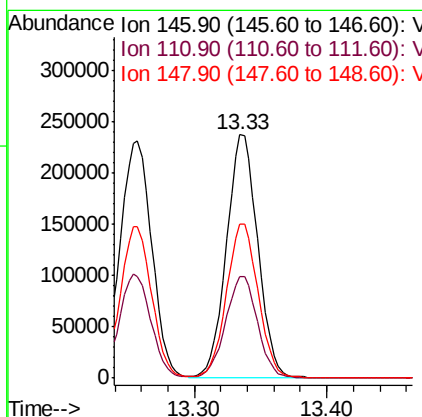
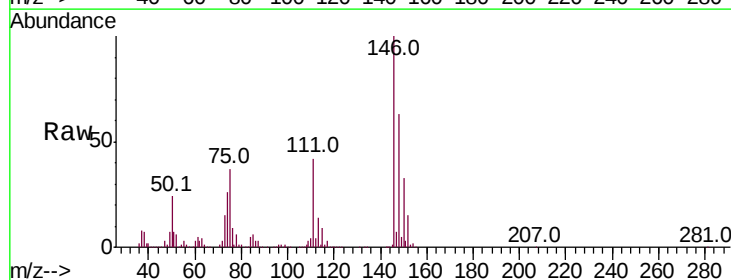
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

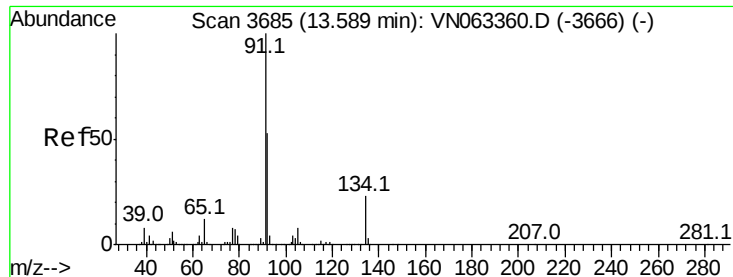
Tot Ion:146 Resp: 386445
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.4 64.3
 148 62.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.201 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion:146 Resp: 387864
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.2 63.6
 148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 51.087 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

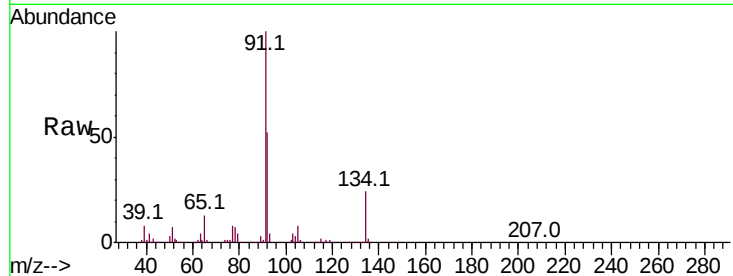
Tot Ion: 91 Resp: 726345

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

134 23.5 11.7 35.0

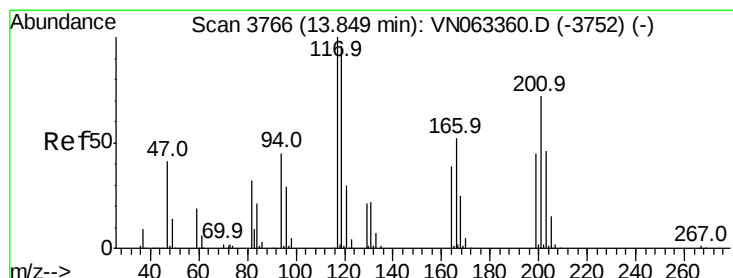
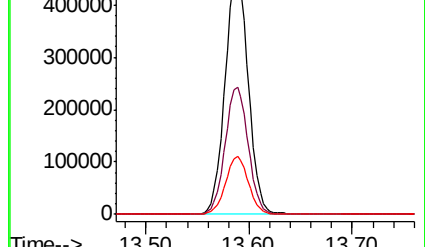
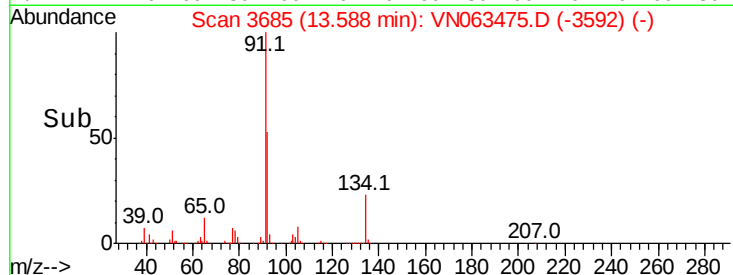


Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3666) (-)

Ion 92.00 (91.70 to 92.70): VN063360.D (-3666) (-)

Ion 134.00 (133.70 to 134.70): VN063360.D (-3666) (-)

Time-->



#90

Hexachloroethane

Concen: 46.364 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063475.D

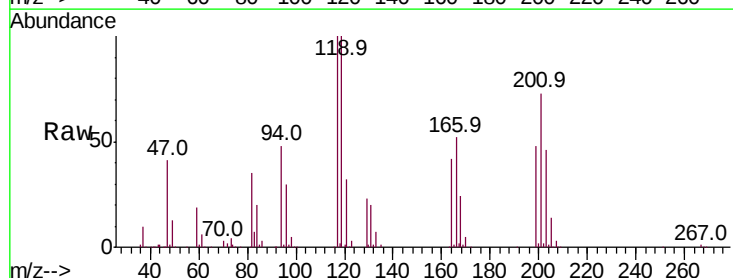
Acq: 21 Sep 2020 10:30

Tgt Ion: 117 Resp: 136177

Ion Ratio Lower Upper

117 100

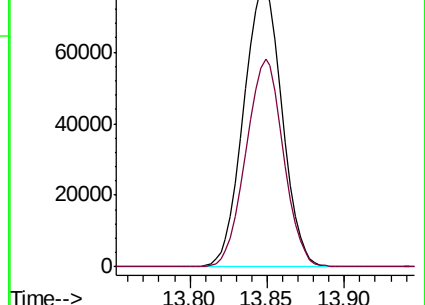
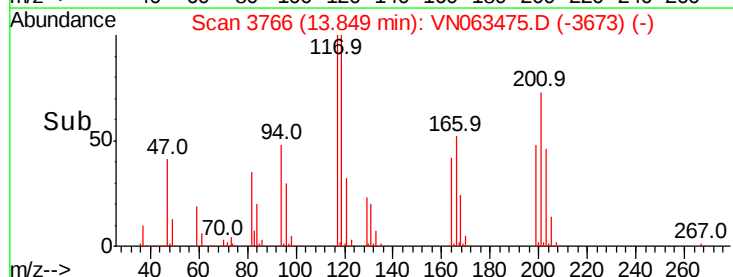
201 71.7 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063360.D (-3752) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 48.612 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

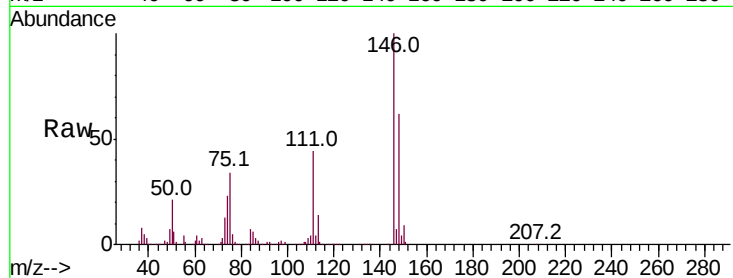
Tot Ion:146 Resp: 377737

Ion Ratio Lower Upper

146 100

111 44.4 22.4 67.2

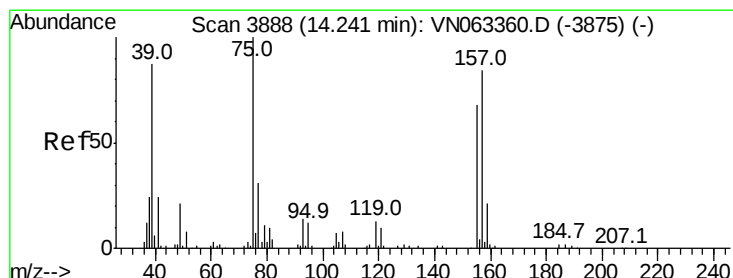
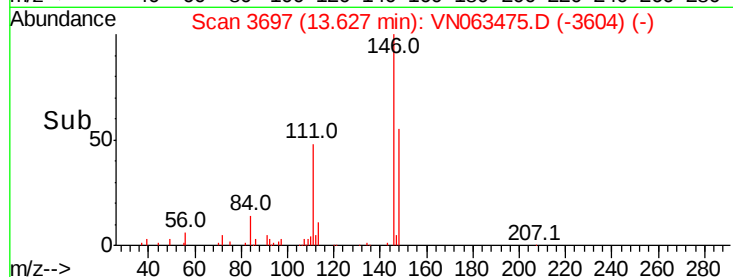
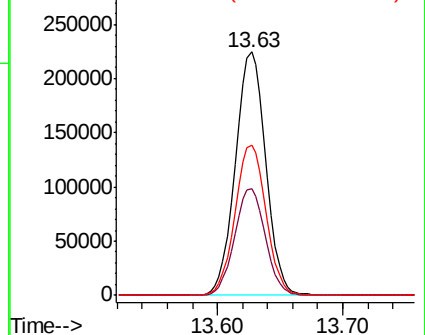
148 63.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.598 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN063475.D

Acq: 21 Sep 2020 10:30

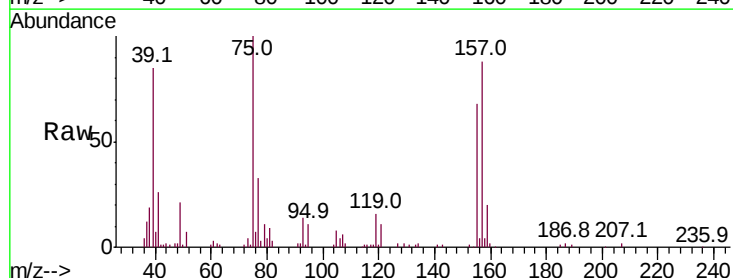
Tgt Ion: 75 Resp: 62423

Ion Ratio Lower Upper

75 100

155 70.6 34.6 103.9

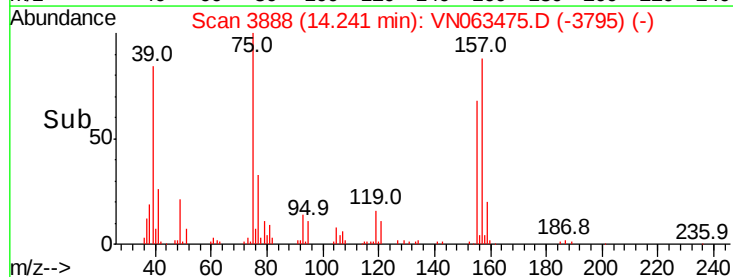
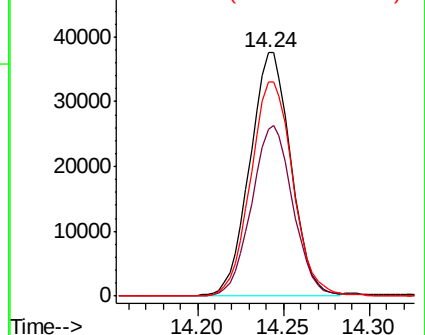
157 90.3 43.7 131.1

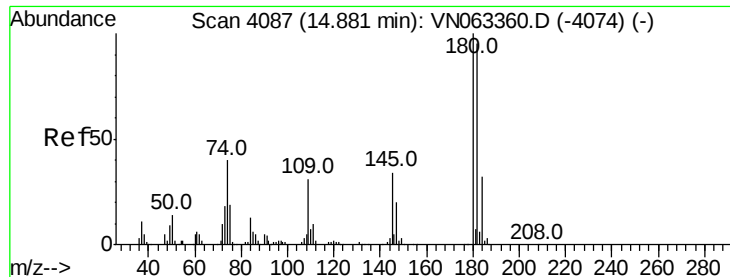


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

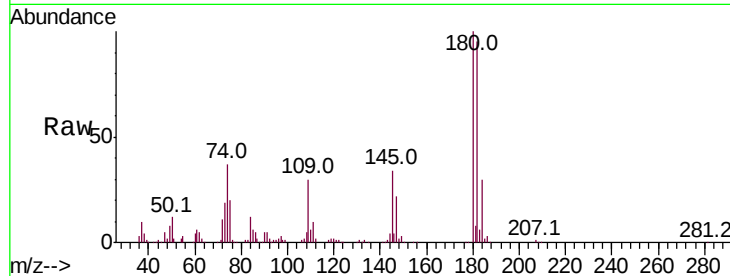




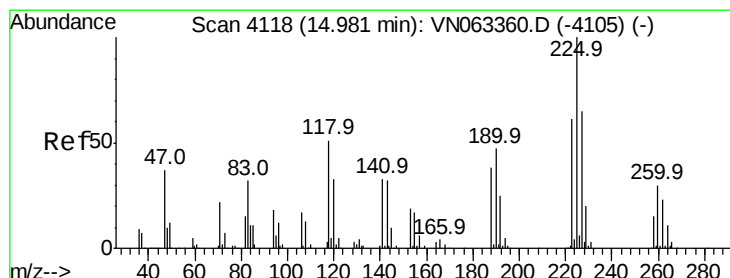
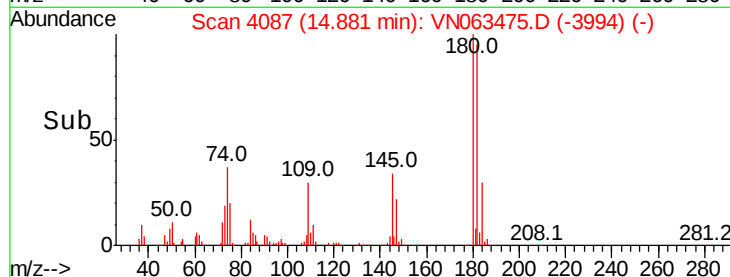
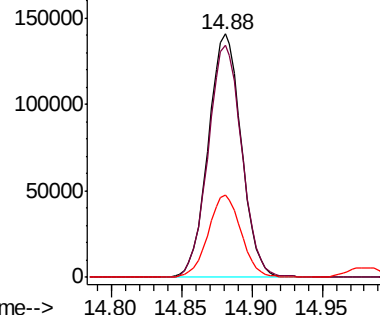
#93
 1,2,4-Trichlorobenzene
 Concen: 50.709 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.3	142.0
145	33.5	16.6	49.7

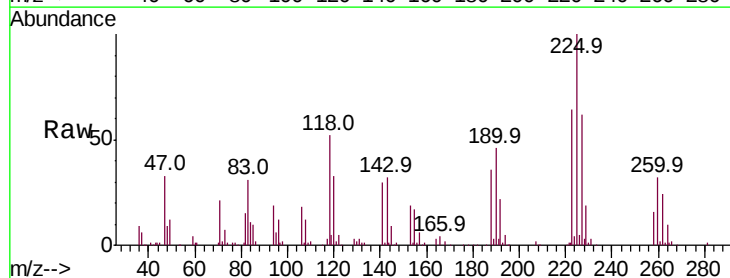


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

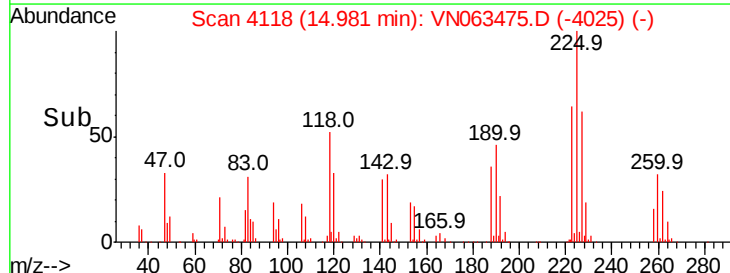
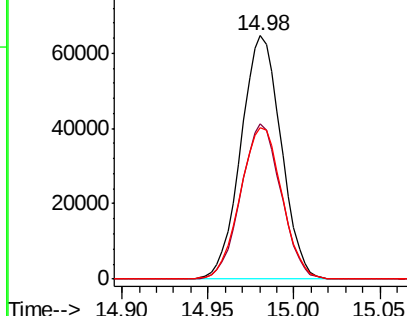


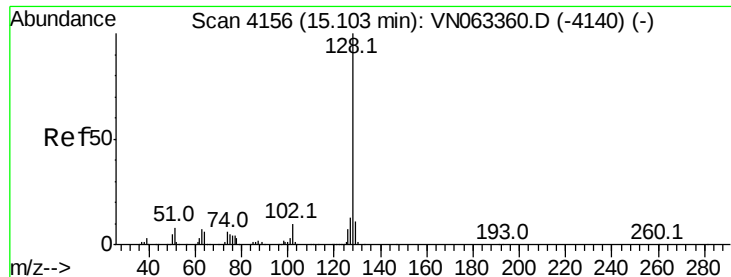
#94
 Hexachlorobutadiene
 Concen: 55.386 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063475.D
 Acq: 21 Sep 2020 10:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	30.6	91.6
227	64.4	31.2	93.6



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

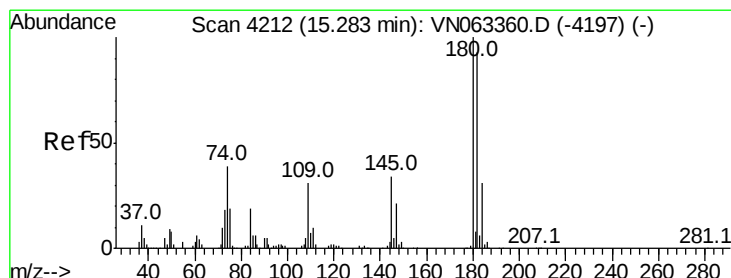
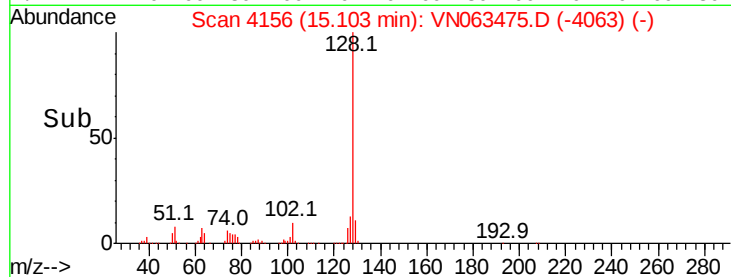
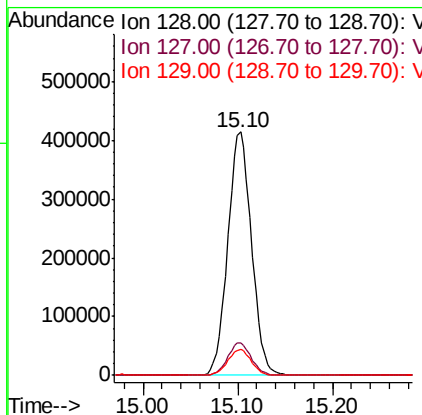
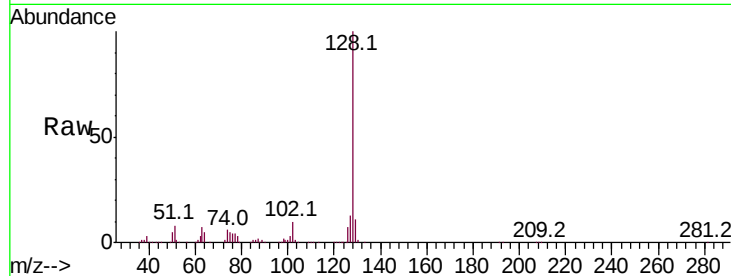




#95
Naphthalene
Concen: 47.662 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 721334
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.647 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063475.D
Acq: 21 Sep 2020 10:30

Tgt Ion:180 Resp: 219746
Ion Ratio Lower Upper
180 100
182 94.7 46.7 140.1
145 34.2 16.8 50.3

