

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070120\
 Data File : VN062282.D
 Acq On : 1 Jul 2020 10:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 01 15:47:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	223941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	401041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	379267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183166	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	156912	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	7.54	113	121132	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.06	98	484340	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
62) 4-Bromofluorobenzene	12.38	95	172006	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	116501	46.025	ug/l	98
3) Chloromethane	2.03	50	151434	50.839	ug/l	99
4) Vinyl Chloride	2.16	62	177763	44.594	ug/l	100
5) Bromomethane	2.52	94	115039	44.653	ug/l	99
6) Chloroethane	2.66	64	126579	46.484	ug/l	99
7) Trichlorofluoromethane	2.98	101	221860	45.168	ug/l	100
8) Diethyl Ether	3.37	74	88277	51.469	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	128926	50.123	ug/l	97
10) Methyl Iodide	3.90	142	149046	51.452	ug/l	100
11) Tert butyl alcohol	4.73	59	110913	245.810	ug/l	99
12) 1,1-Dichloroethene	3.69	96	126282	49.111	ug/l	97
13) Acrolein	3.56	56	111677	252.797	ug/l	97
14) Allyl chloride	4.27	41	192609	55.017	ug/l	97
15) Acrylonitrile	4.92	53	331790	269.841	ug/l	100
16) Acetone	3.77	43	293799	298.628	ug/l	97
17) Carbon Disulfide	4.00	76	354228	48.097	ug/l	100
18) Methyl Acetate	4.27	43	138851	55.580	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	437479	53.243	ug/l	94
20) Methylene Chloride	4.50	84	156965	54.428	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	138795	47.381	ug/l	87
22) Diisopropyl ether	5.90	45	446853	56.058	ug/l	97
23) Vinyl Acetate	5.84	43	1841194	282.910	ug/l	98
24) 1,1-Dichloroethane	5.79	63	270499	52.698	ug/l	99
25) 2-Butanone	6.78	43	421127	274.156	ug/l	96
26) 2,2-Dichloropropane	6.77	77	222859	52.101	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	163954	49.740	ug/l	95
28) Bromochloromethane	7.15	49	114445	51.387	ug/l	91
29) Tetrahydrofuran	7.16	42	277908	276.193	ug/l	98
30) Chloroform	7.33	83	267833	51.285	ug/l	99
31) Cyclohexane	7.61	56	223027	51.367	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	219392	49.814	ug/l	97
36) 1,1-Dichloropropene	7.75	75	201737	50.046	ug/l	98
37) Ethyl Acetate	6.88	43	175521	52.584	ug/l	99
38) Carbon Tetrachloride	7.73	117	180595	47.520	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	235173	53.245	ug/l	98
40) Benzene	8.00	78	619682	50.436	ug/l	98
41) Methacrylonitrile	7.17	41	251745	162.680	ug/l #	14
42) 1,2-Dichloroethane	8.08	62	216278	52.101	ug/l	99
43) Isopropyl Acetate	8.12	43	295843	54.369	ug/l	98
44) Trichloroethene	8.80	130	143649	46.349	ug/l	96
45) 1,2-Dichloropropane	9.08	63	164080	54.131	ug/l	99
46) Dibromomethane	9.17	93	103065	50.150	ug/l	96
47) Bromodichloromethane	9.37	83	216082	52.073	ug/l	99
48) Methyl methacrylate	9.17	41	138926	56.942	ug/l	97
49) 1,4-Dioxane	9.16	88	54121	1000.300	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	901924	283.698	ug/l	98
52) Toluene	10.12	92	389438	51.948	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	242030	53.015	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	262219	53.950	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	153787	52.187	ug/l	98
56) Ethyl methacrylate	10.40	69	222760	56.643	ug/l	97
57) 1,3-Dichloropropane	10.68	76	269078	53.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	434735	259.020	ug/l	96
59) 2-Hexanone	10.72	43	662534	288.602	ug/l	99
60) Dibromochloromethane	10.87	129	157510	50.486	ug/l	99
61) 1,2-Dibromoethane	10.98	107	150561	49.724	ug/l	100
64) Tetrachloroethene	10.60	164	114048	44.021	ug/l	98
65) Chlorobenzene	11.40	112	406958	48.862	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	141526	49.141	ug/l	99
67) Ethyl Benzene	11.48	91	739631	52.582	ug/l	99
68) m/p-Xylenes	11.59	106	564405	103.740	ug/l	98
69) o-Xylene	11.92	106	266108	51.840	ug/l	96
70) Styrene	11.94	104	458970	53.612	ug/l	98
71) Bromoform	12.10	173	100436	49.049	ug/l #	99
73) Isopropylbenzene	12.22	105	716109	50.507	ug/l	99
74) N-amyl acetate	12.04	43	267664	51.197	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	232834	49.347	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	293890	68.158	ug/l #	100
77) Bromobenzene	12.50	156	160280	45.533	ug/l	89
78) n-propylbenzene	12.56	91	855721	52.763	ug/l	98
79) 2-Chlorotoluene	12.65	91	495325	50.520	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	597946	52.023	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	77868	52.739	ug/l	96
82) 4-Chlorotoluene	12.75	91	523558	51.638	ug/l	97
83) tert-Butylbenzene	12.97	119	505168	51.356	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	604438	52.654	ug/l	99
85) sec-Butylbenzene	13.15	105	710729	54.681	ug/l	98
86) p-Isopropyltoluene	13.26	119	621131	54.545	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	303989	49.180	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	302828	47.527	ug/l	99
89) n-Butylbenzene	13.59	91	540616	57.103	ug/l	99
90) Hexachloroethane	13.85	117	115868	51.861	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	296575	49.479	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	39340	52.048	ug/l	91

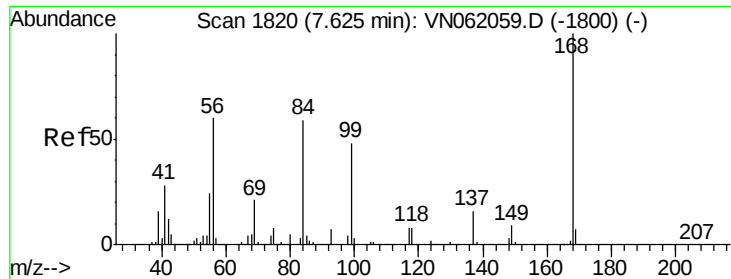
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070120\
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	132107	50.452	ug/l	97
94) Hexachlorobutadiene	14.98	225	58729	51.640	ug/l	99
95) Naphthalene	15.10	128	364082	42.365	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	132535	49.501	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

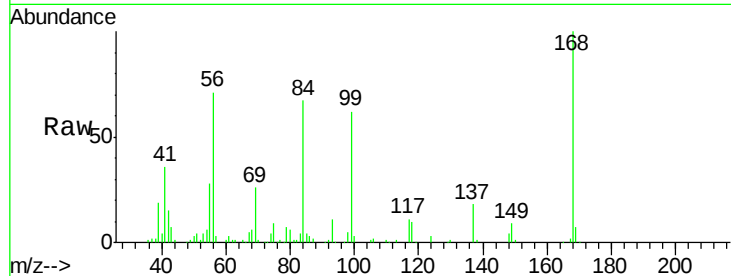
VSTDCCC050

Tgt Ion:168 Resp: 223941

Ion Ratio Lower Upper

168 100

99 62.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

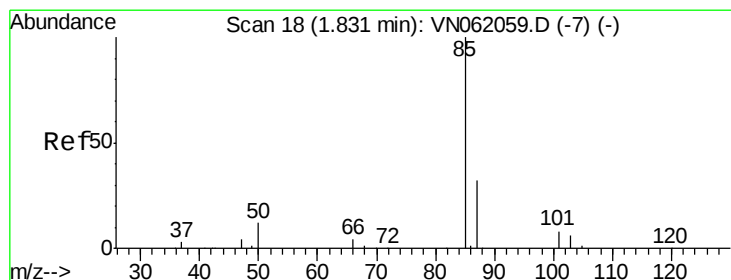
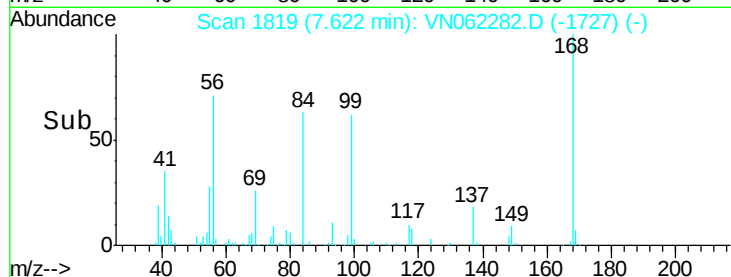
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 46.025 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062282.D

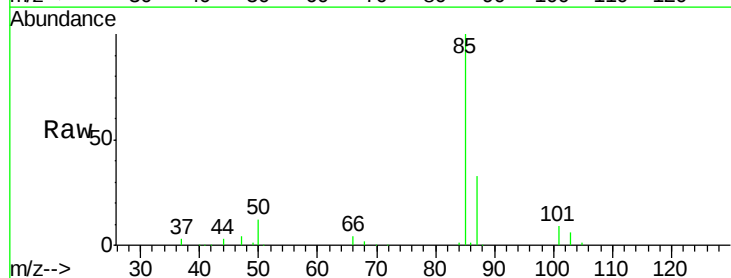
Acq: 1 Jul 2020 10:47

Tgt Ion: 85 Resp: 116501

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

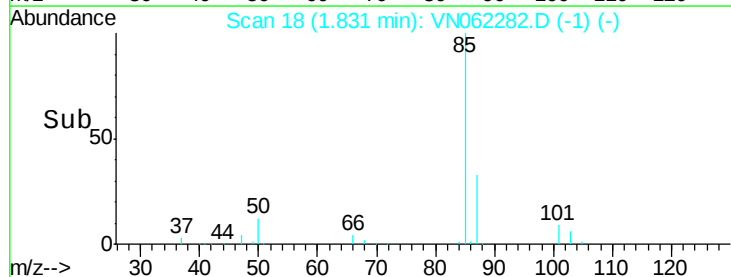
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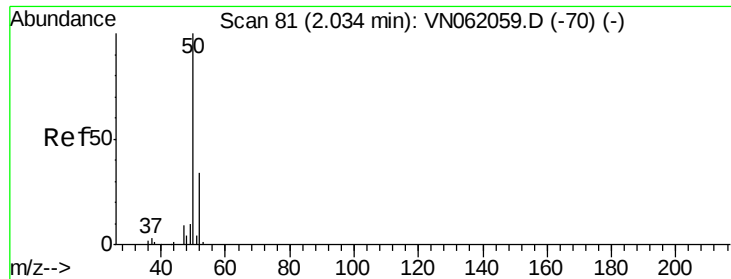
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 50.839 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

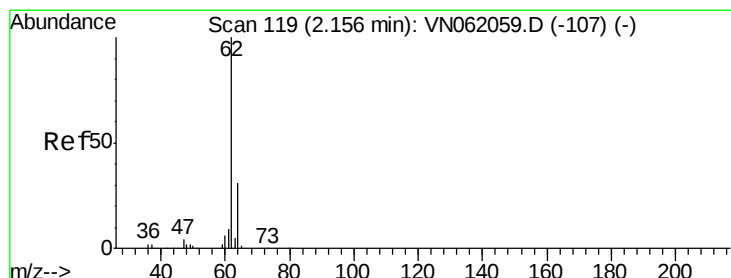
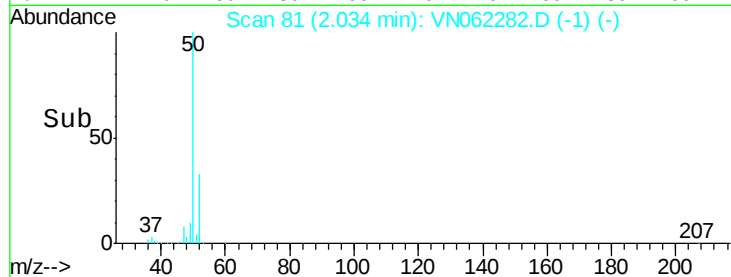
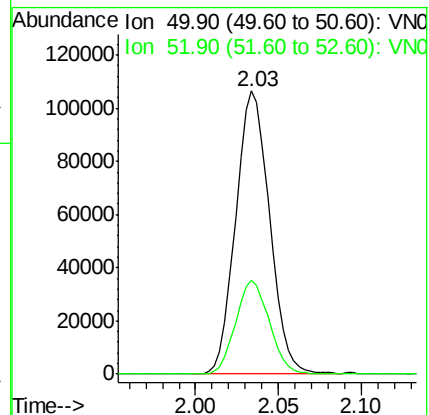
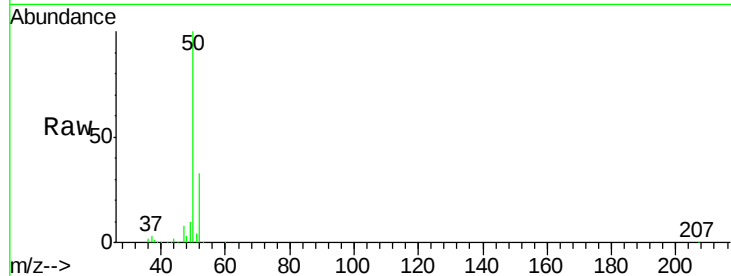
VSTDCCC050

Tgt Ion: 50 Resp: 151434

Ion Ratio Lower Upper

50 100

52 33.1 27.0 40.6



#4

Vinyl Chloride

Concen: 44.594 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062282.D

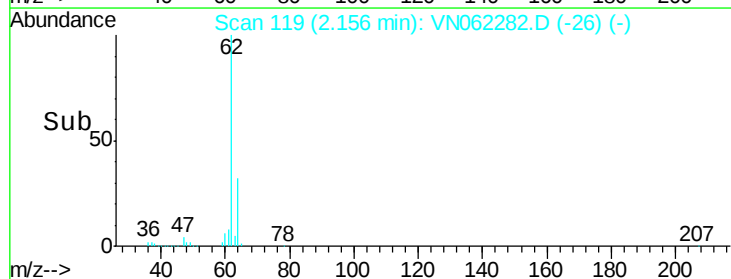
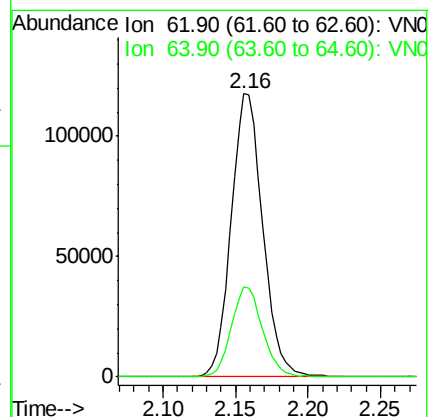
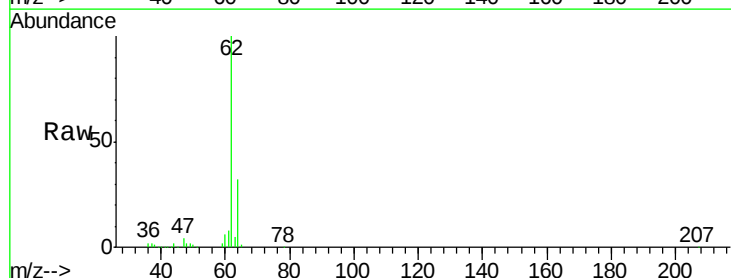
Acq: 1 Jul 2020 10:47

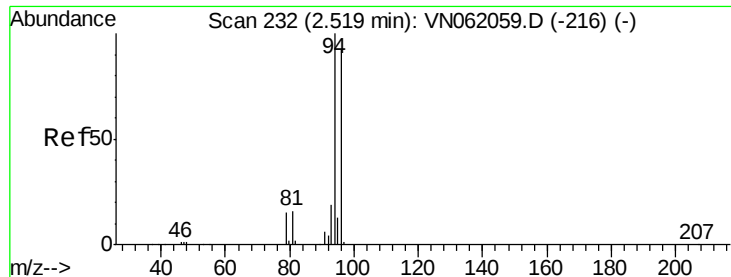
Tgt Ion: 62 Resp: 177763

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 44.653 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

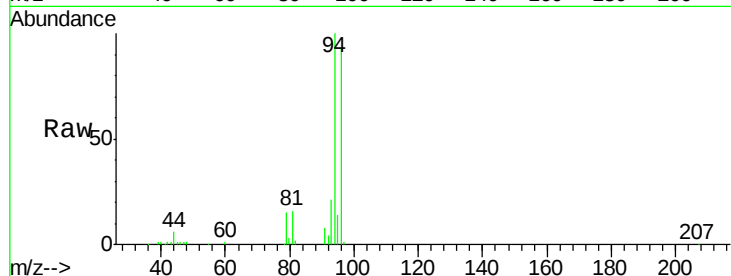
VSTDCCC050

Tgt Ion: 94 Resp: 115039

Ion Ratio Lower Upper

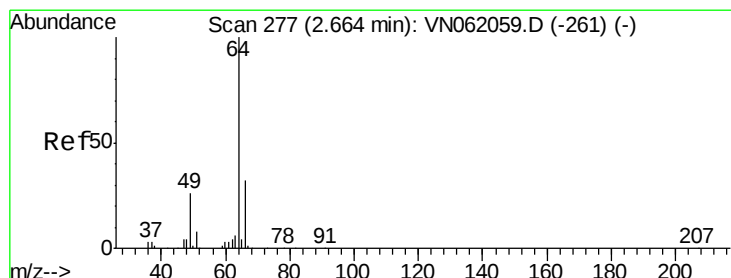
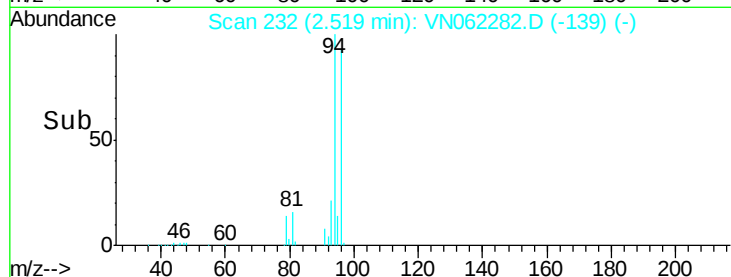
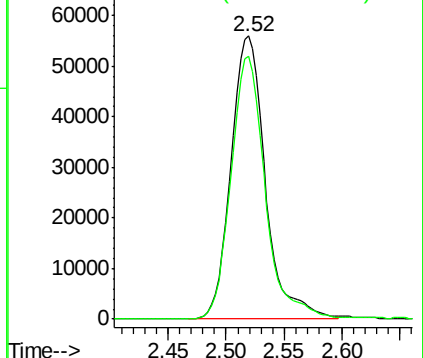
94 100

96 92.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062282.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062282.D (-139) (-)



#6

Chloroethane

Concen: 46.484 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062282.D

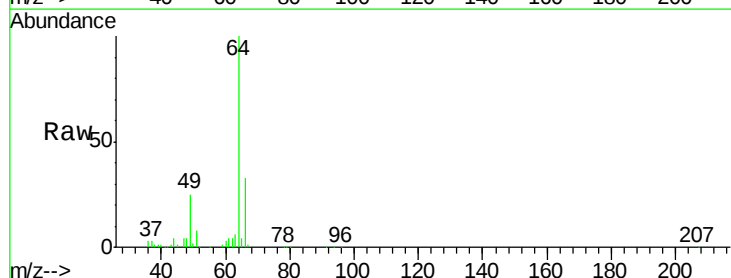
Acq: 1 Jul 2020 10:47

Tgt Ion: 64 Resp: 126579

Ion Ratio Lower Upper

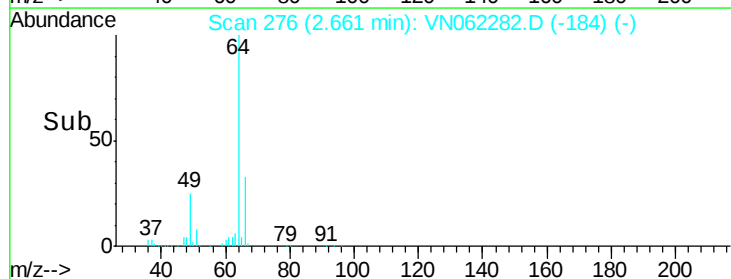
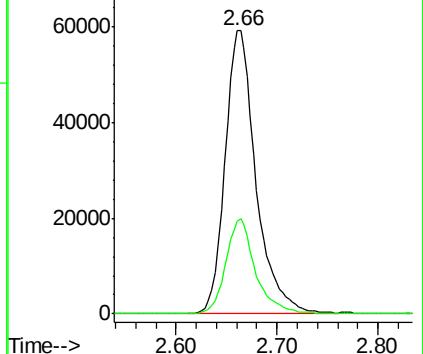
64 100

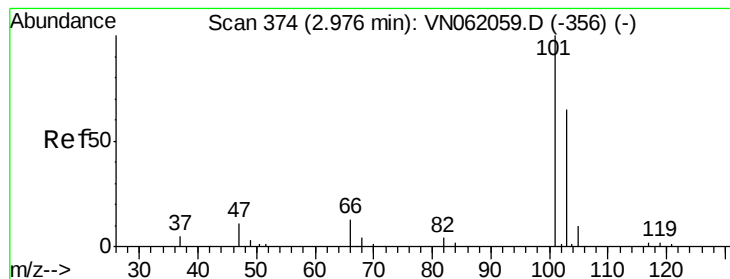
66 32.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062282.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062282.D (-184) (-)



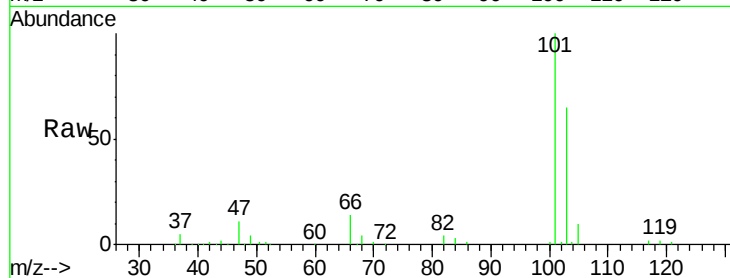


#7

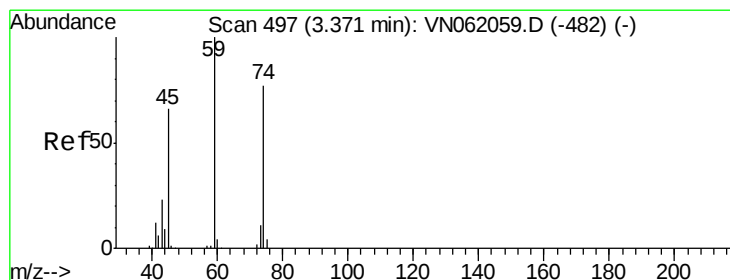
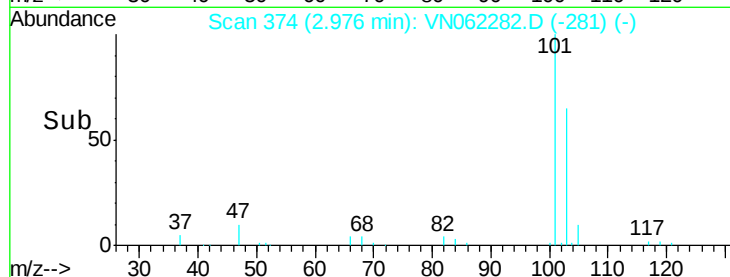
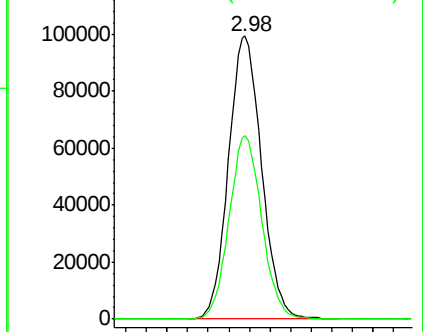
Trichlorofluoromethane
 Concen: 45.168 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 101 Resp: 221860
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.8 77.6



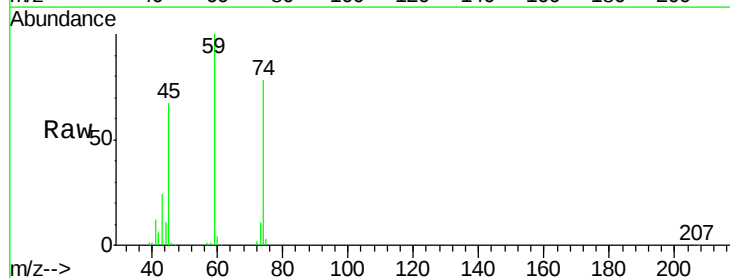
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



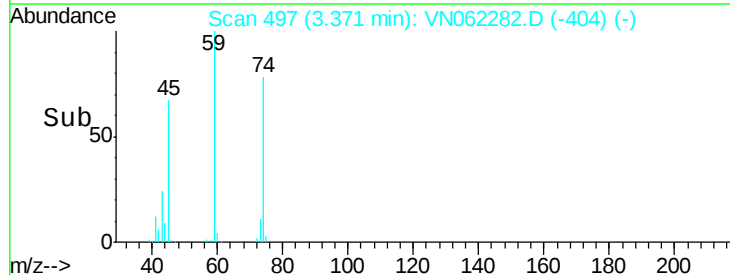
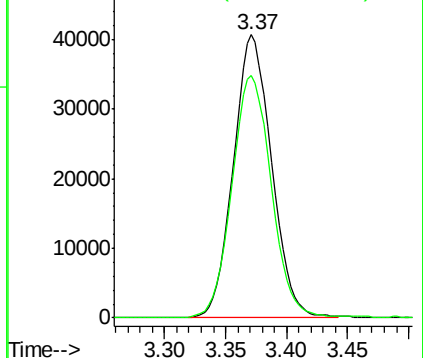
#8

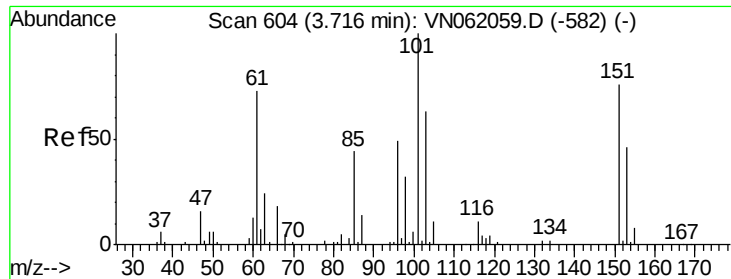
Diethyl Ether
 Concen: 51.469 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Tgt Ion: 74 Resp: 88277
 Ion Ratio Lower Upper
 74 100
 45 88.2 42.5 127.5



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

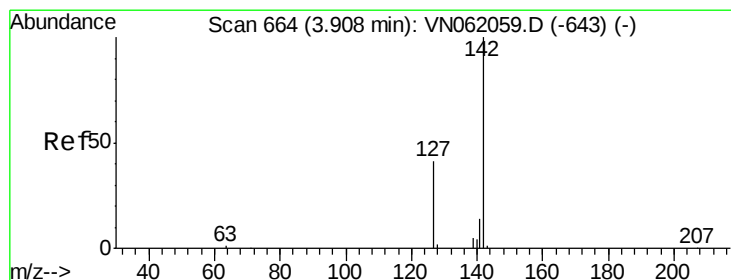
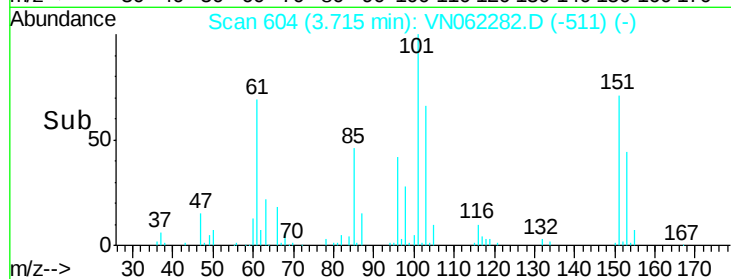
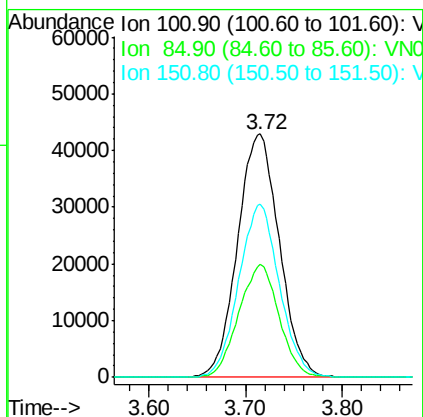
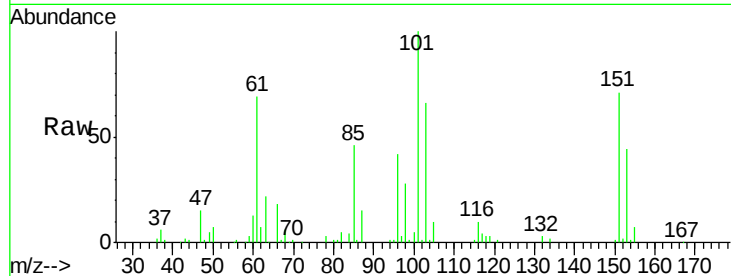




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.123 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

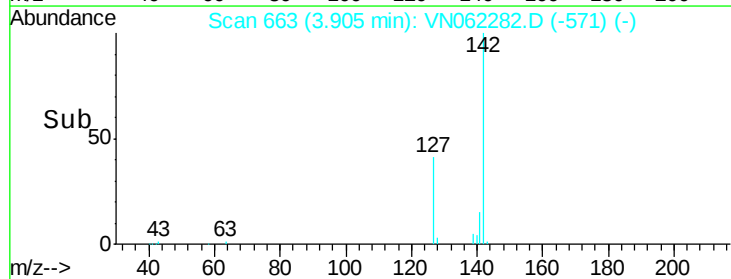
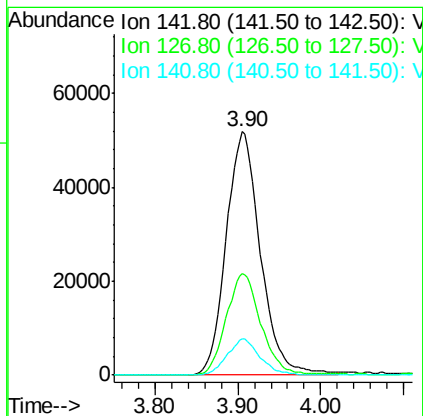
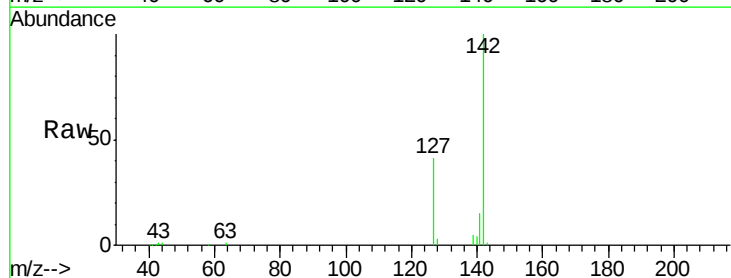
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

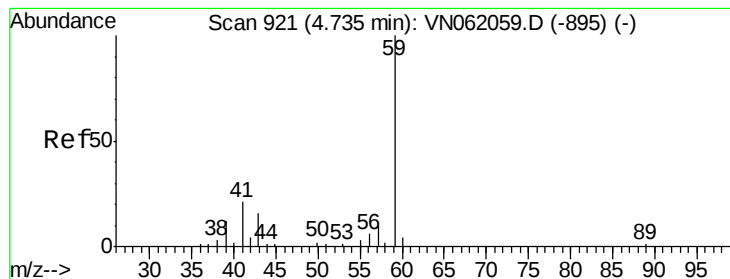
Tgt Ion:	101	Resp:	128926
Ion	Ratio	Lower	Upper
101	100		
85	44.7	34.5	51.7
151	69.2	57.8	86.8



#10
 Methyl Iodide
 Concen: 51.452 ug/l
 RT: 3.90 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Tgt Ion:	142	Resp:	149046
Ion	Ratio	Lower	Upper
142	100		
127	42.0	33.6	50.4
141	14.3	11.3	16.9



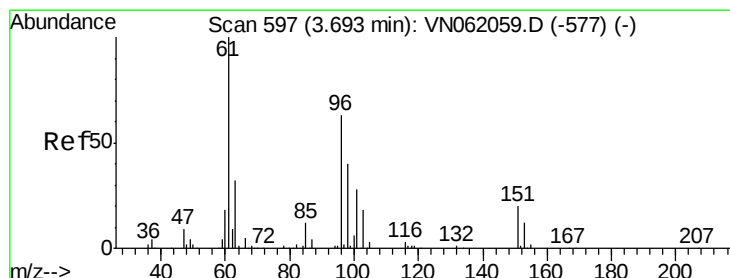
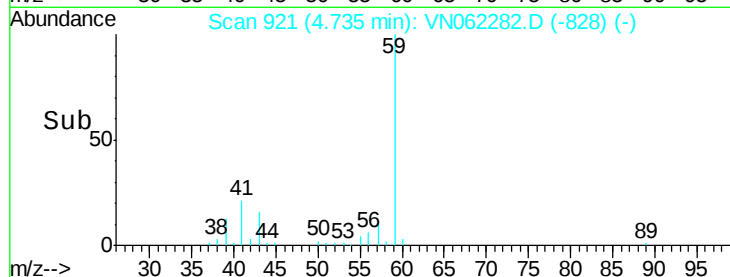
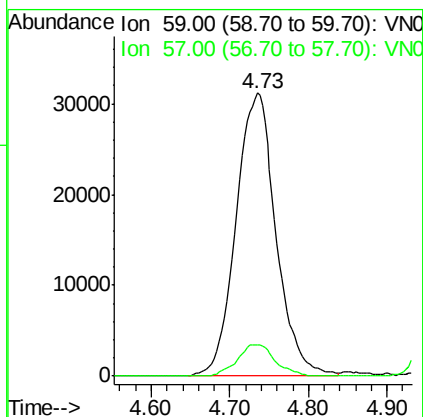
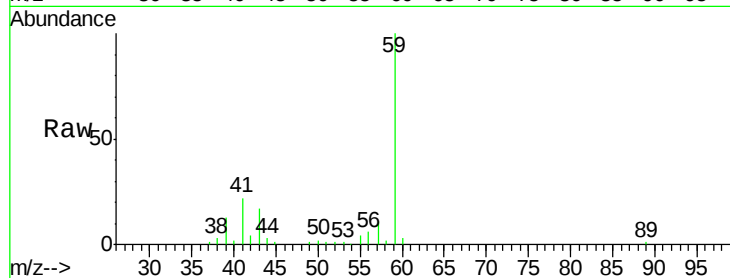


#11

Tert butyl alcohol
 Concen: 245.810 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

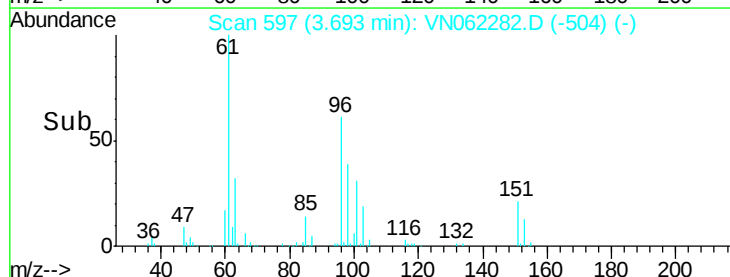
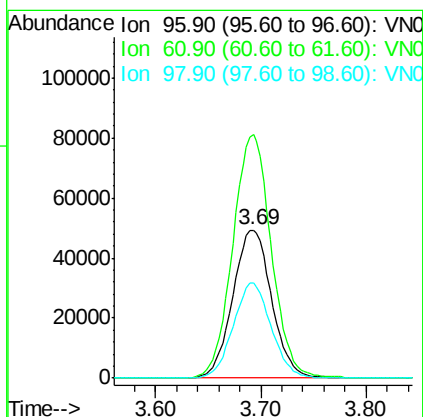
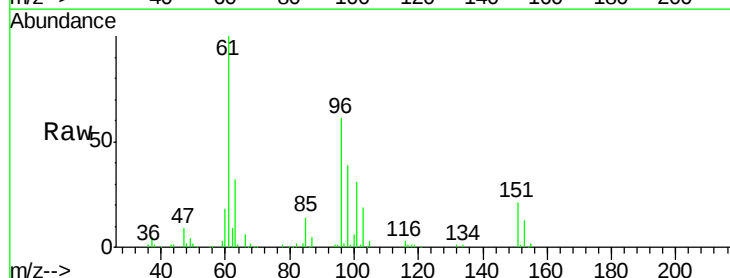
Tgt Ion: 59 Resp: 110913
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.3 12.5

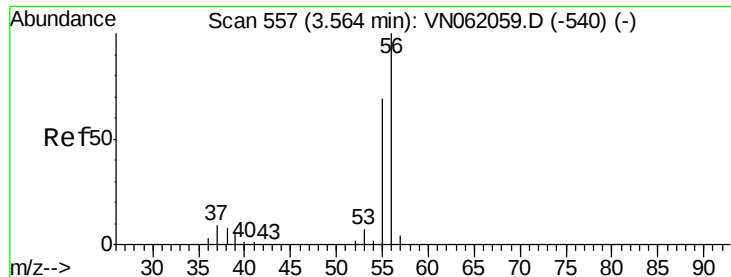


#12

1,1-Dichloroethene
 Concen: 49.111 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Tgt Ion: 96 Resp: 126282
 Ion Ratio Lower Upper
 96 100
 61 164.3 126.7 190.1
 98 64.3 51.0 76.4





#13

Acrolein

Concen: 252.797 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

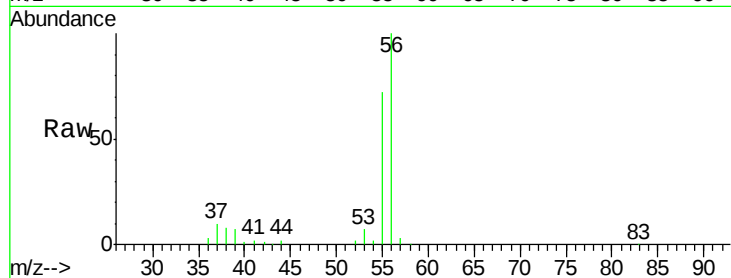
VSTDCCC050

Tgt Ion: 56 Resp: 111677

Ion Ratio Lower Upper

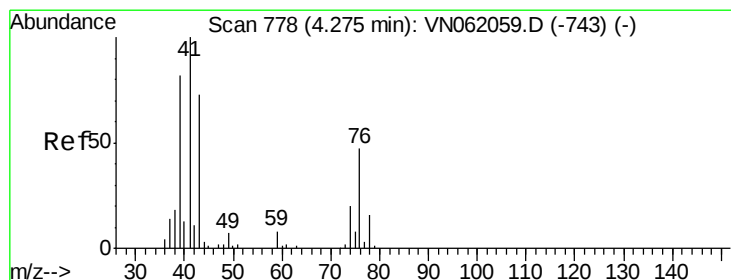
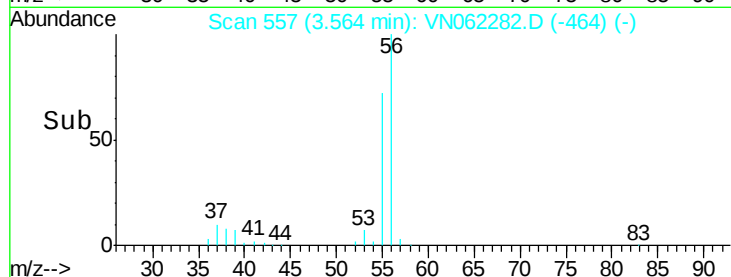
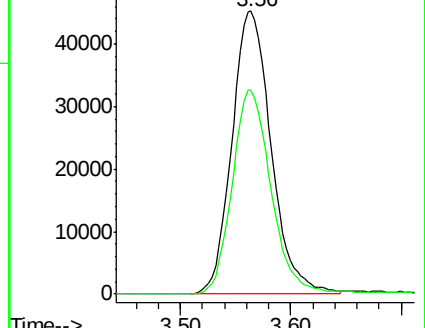
56 100

55 71.9 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062059.D (-540) (-)



#14

Allyl chloride

Concen: 55.017 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

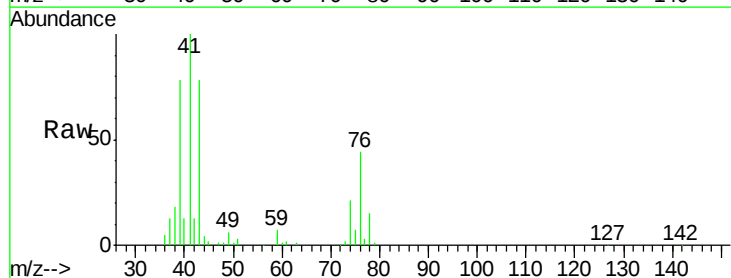
Tgt Ion: 41 Resp: 192609

Ion Ratio Lower Upper

41 100

39 72.8 60.0 90.0

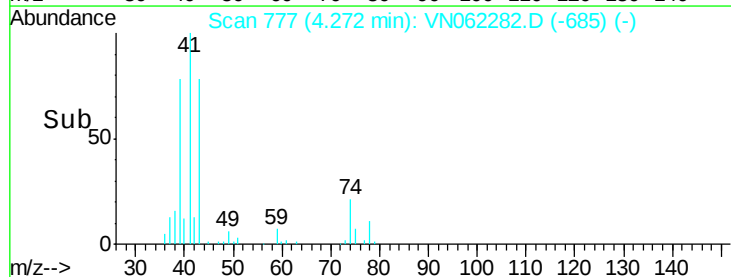
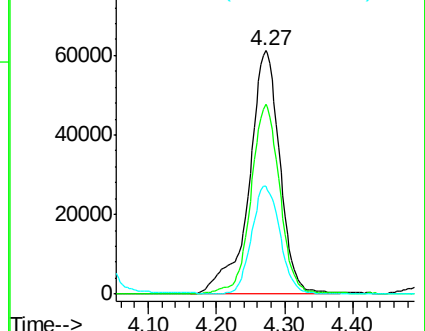
76 39.9 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-743) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-743) (-)

Ion 75.90 (75.60 to 76.60): VN062059.D (-743) (-)





#15

Acrylonitrile

Concen: 269.841 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

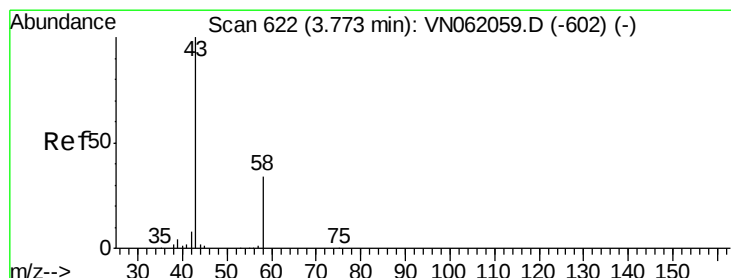
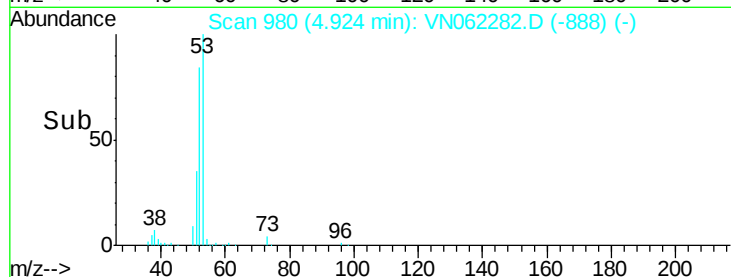
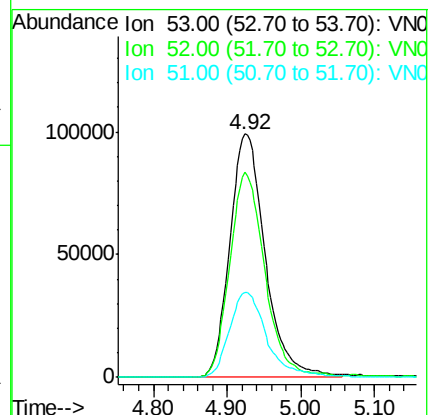
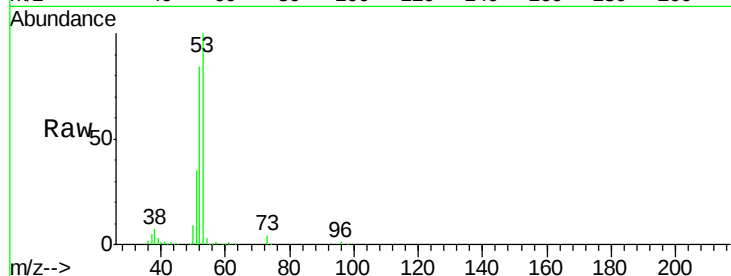
Tgt Ion: 53 Resp: 331790

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.4

51 36.7 28.9 43.3



#16

Acetone

Concen: 298.628 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062282.D

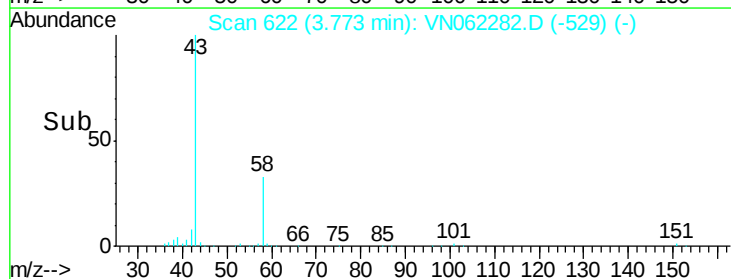
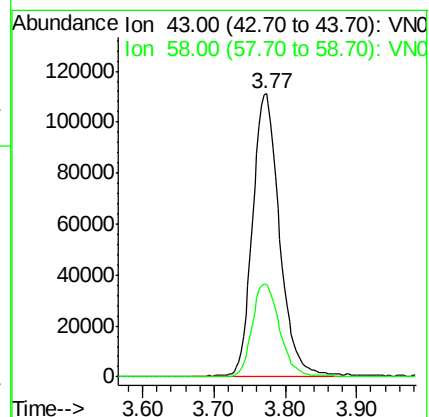
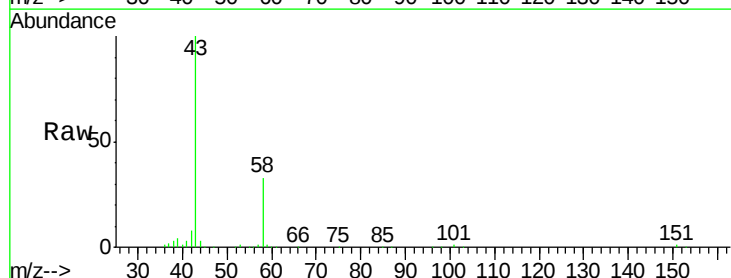
Acq: 1 Jul 2020 10:47

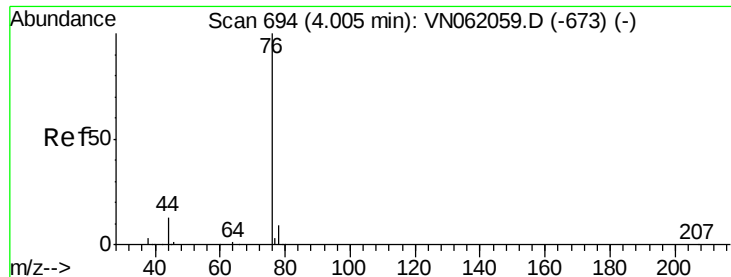
Tgt Ion: 43 Resp: 293799

Ion Ratio Lower Upper

43 100

58 32.7 27.5 41.3

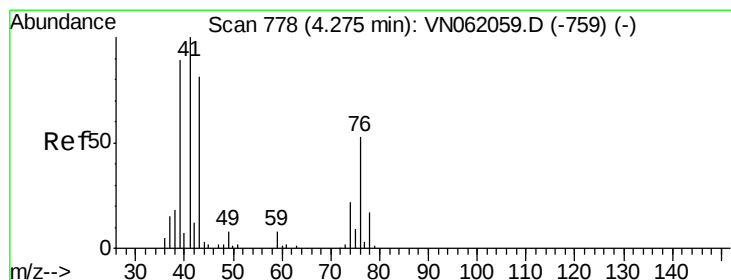
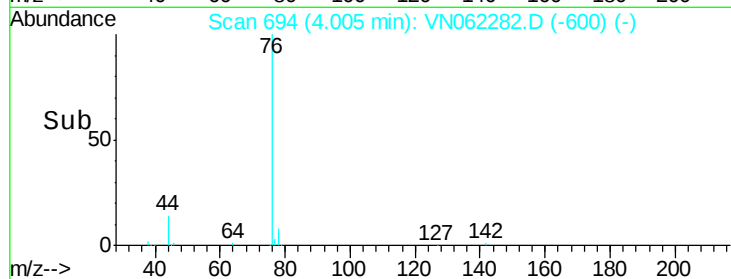
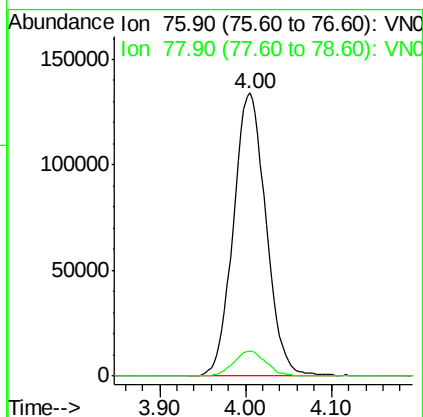
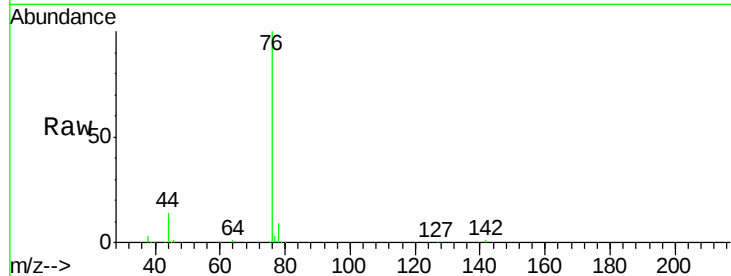




#17
Carbon Disulfide
Concen: 48.097 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

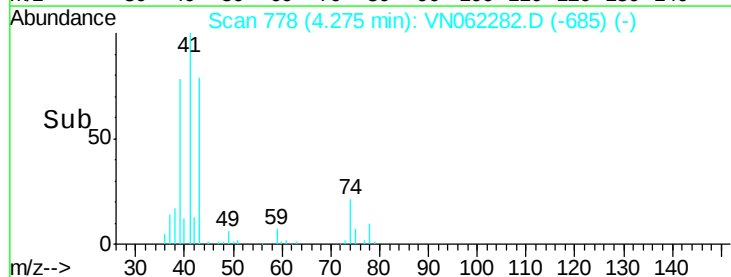
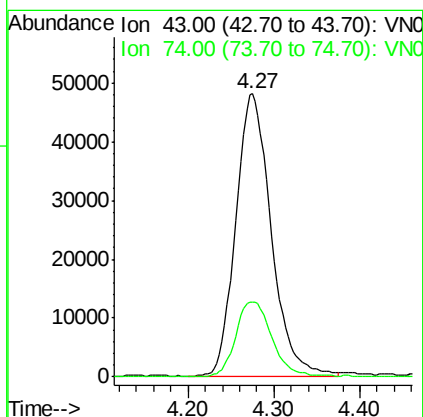
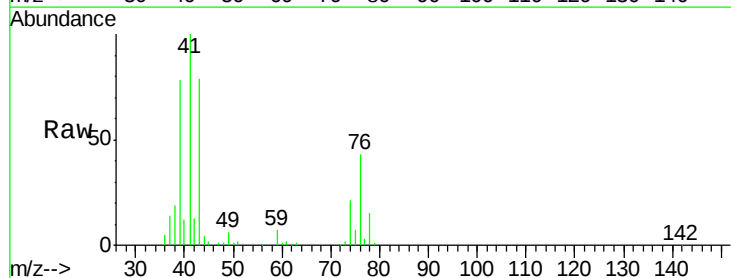
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion: 76 Resp: 354228
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 55.580 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Tgt Ion: 43 Resp: 138851
Ion Ratio Lower Upper
43 100
74 26.8 22.9 34.3

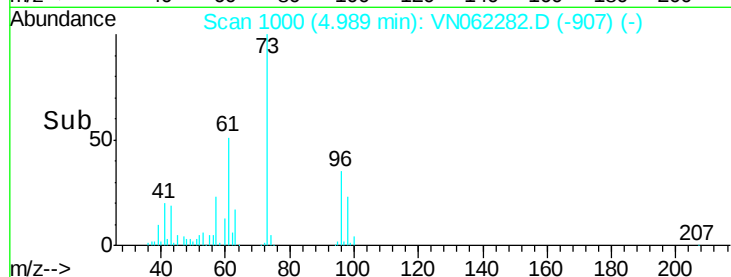
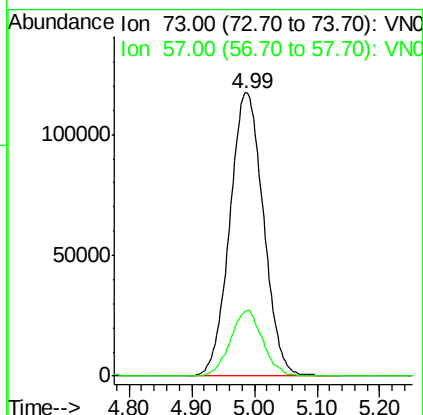
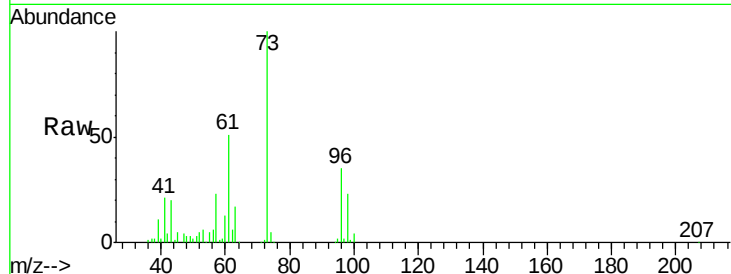




#19
Methyl tert-butyl Ether
Concen: 53.243 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

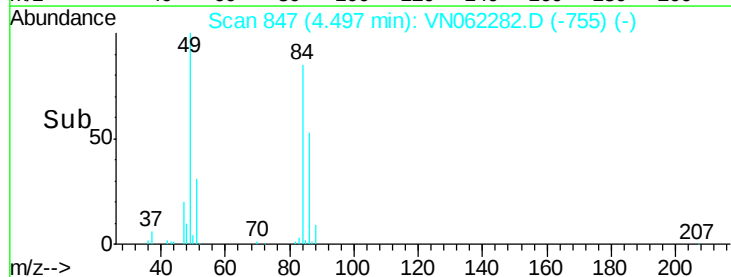
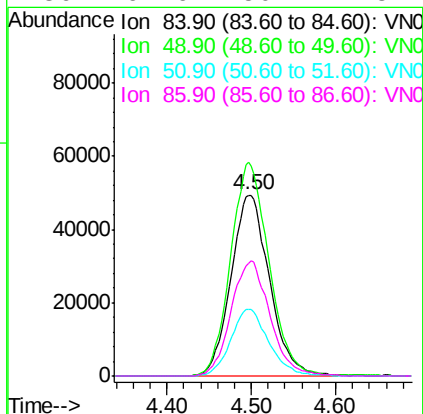
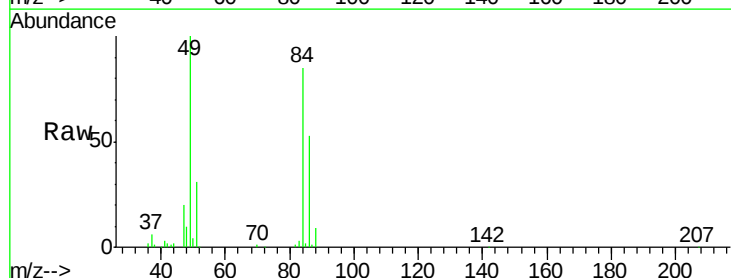
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 437479
Ion Ratio Lower Upper
73 100
57 23.4 16.6 24.8



#20
Methylene Chloride
Concen: 54.428 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Tgt Ion: 84 Resp: 156965
Ion Ratio Lower Upper
84 100
49 118.1 90.6 136.0
51 36.9 27.8 41.8
86 62.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 47.381 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

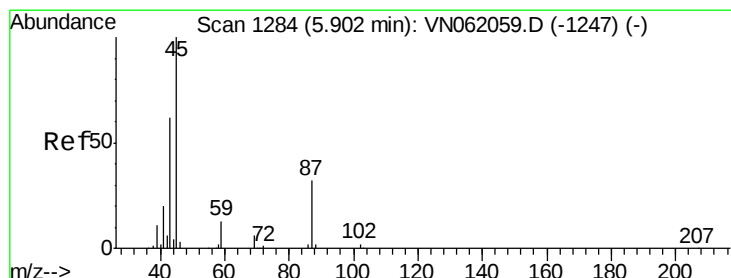
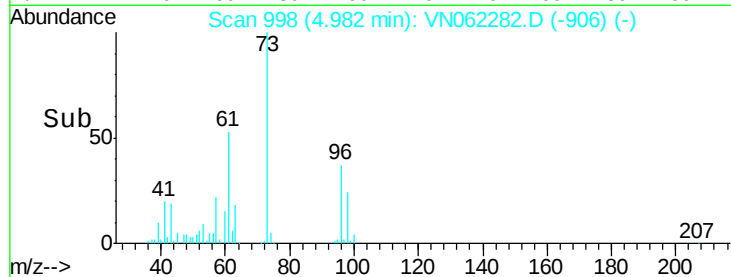
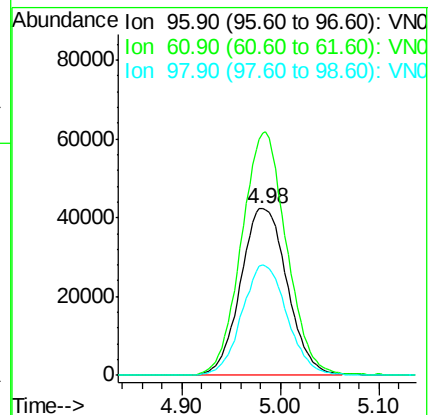
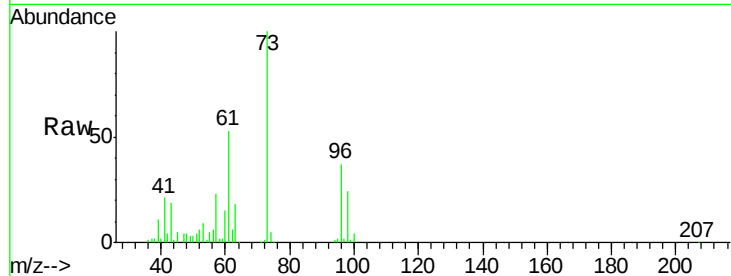
Tgt Ion: 96 Resp: 138795

Ion Ratio Lower Upper

96 100

61 144.8 101.4 152.2

98 66.6 49.3 73.9



#22

Diisopropyl ether

Concen: 56.058 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Tgt Ion: 45 Resp: 446853

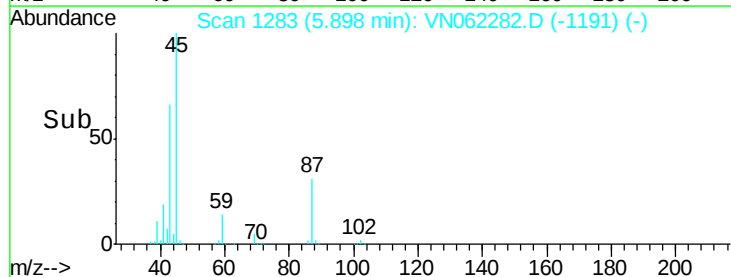
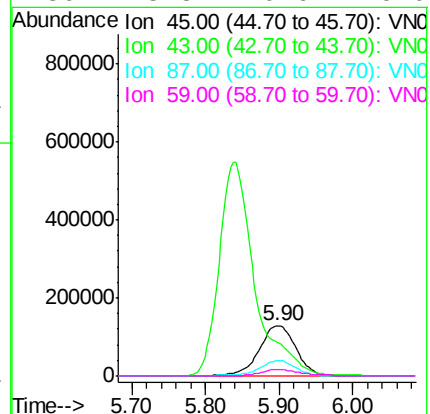
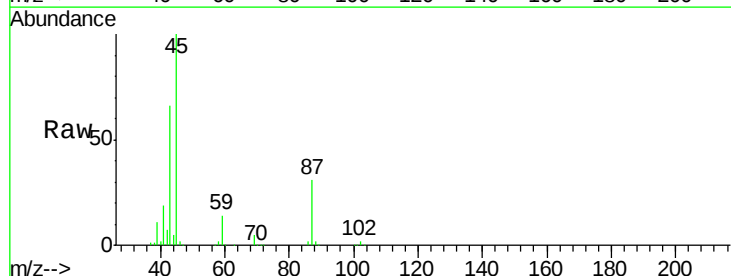
Ion Ratio Lower Upper

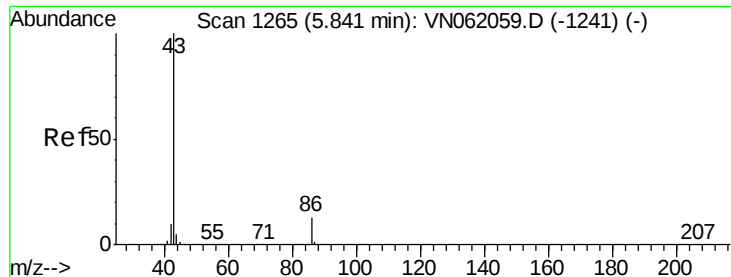
45 100

43 64.5 49.7 74.5

87 31.1 25.9 38.9

59 13.3 10.6 16.0





#23

Vinyl Acetate

Concen: 282.910 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

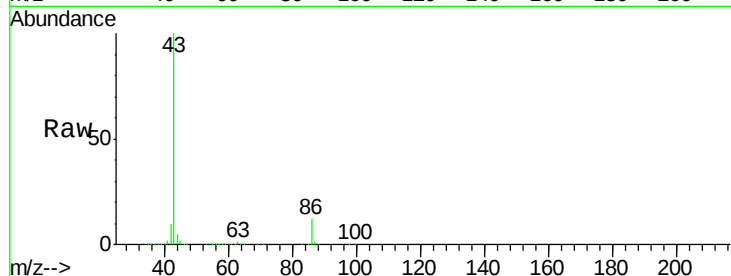
VSTDCCC050

Tgt Ion: 43 Resp: 1841194

Ion Ratio Lower Upper

43 100

86 11.8 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1241) (-)

Ion 86.00 (85.70 to 86.70): VN062059.D (-1241) (-)

5.84

600000

500000

400000

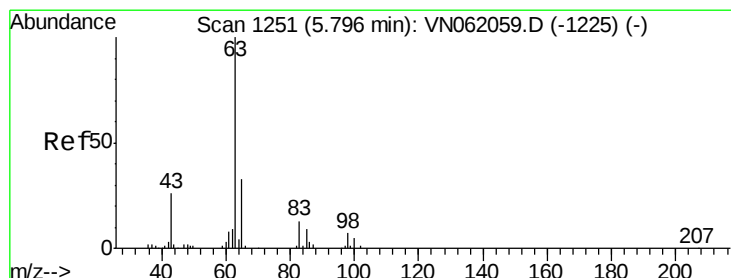
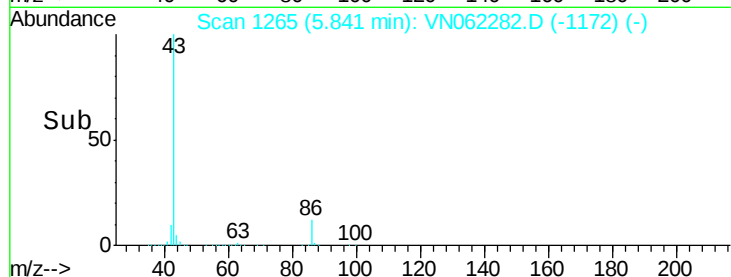
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.698 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

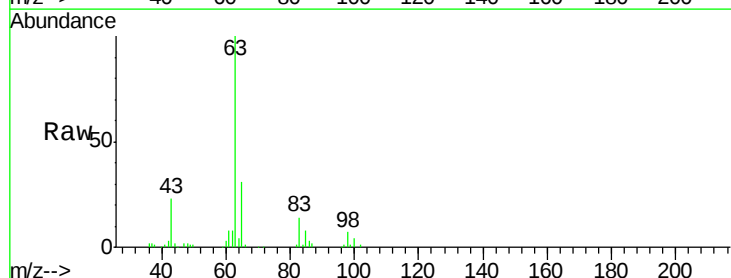
Tgt Ion: 63 Resp: 270499

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 4.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062059.D (-1225) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1225) (-)

Ion 99.90 (99.60 to 100.60): VN062059.D (-1225) (-)

5.79

100000

80000

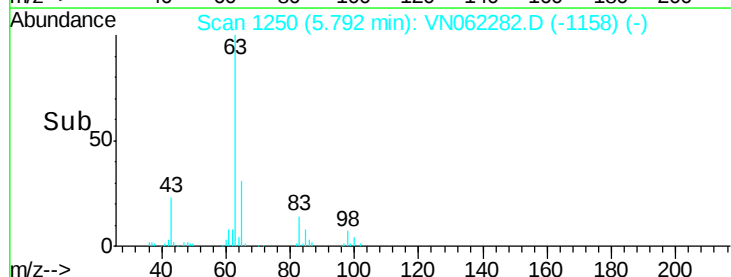
60000

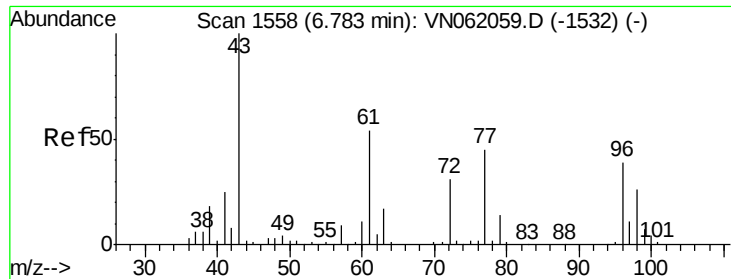
40000

20000

0

Time-->





#25

2-Butanone

Concen: 274.156 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

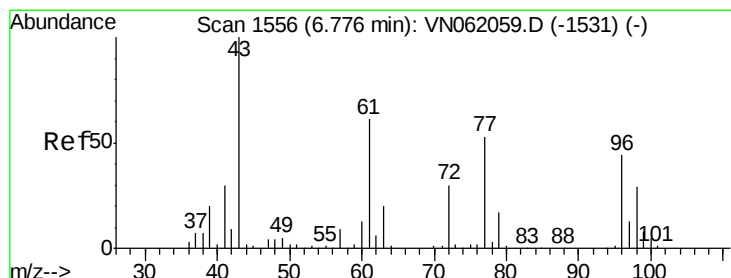
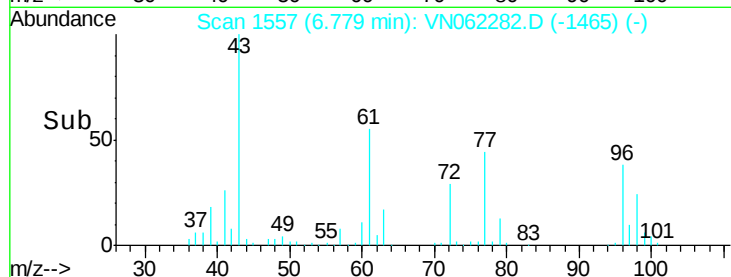
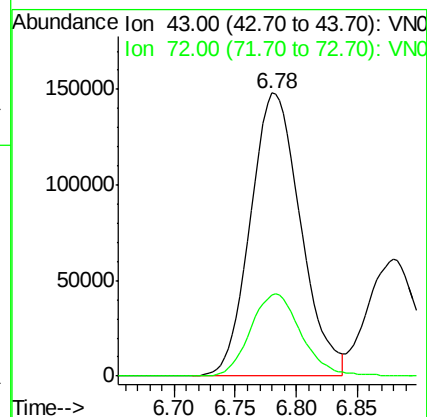
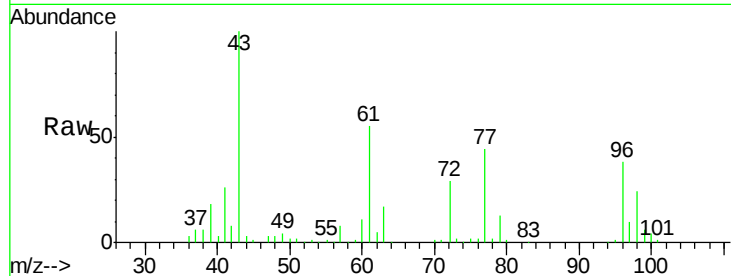
VSTDCCC050

Tgt Ion: 43 Resp: 421127

Ion Ratio Lower Upper

43 100

72 28.6 24.8 37.2



#26

2,2-Dichloropropane

Concen: 52.101 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN062282.D

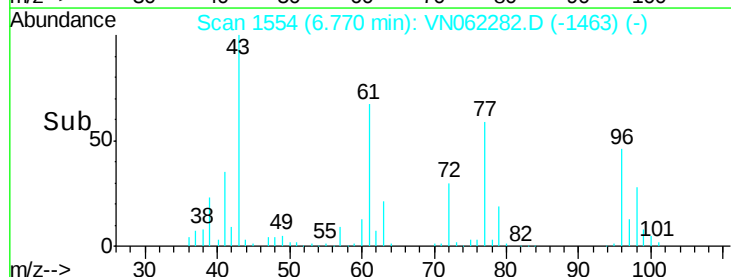
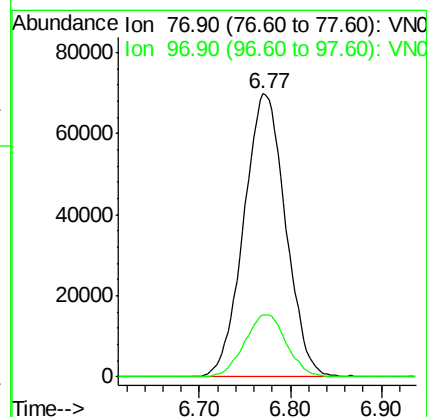
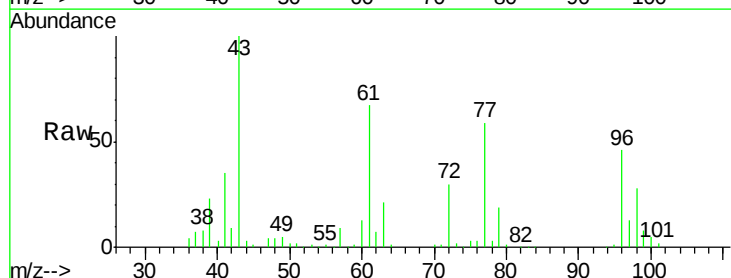
Acq: 1 Jul 2020 10:47

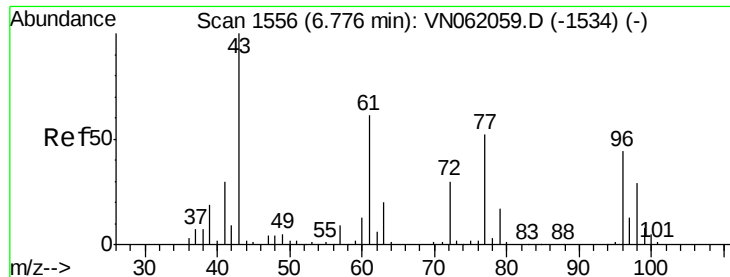
Tgt Ion: 77 Resp: 222859

Ion Ratio Lower Upper

77 100

97 21.9 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 49.740 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

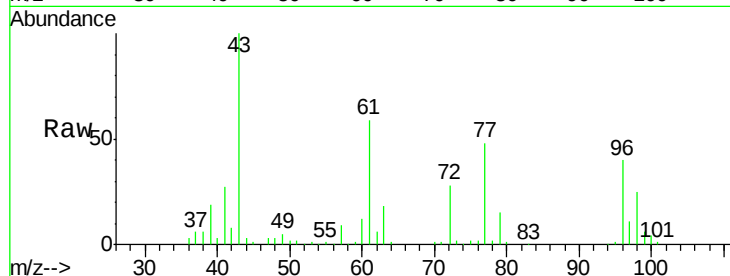
Tgt Ion: 96 Resp: 163954

Ion Ratio Lower Upper

96 100

61 147.5 0.0 280.4

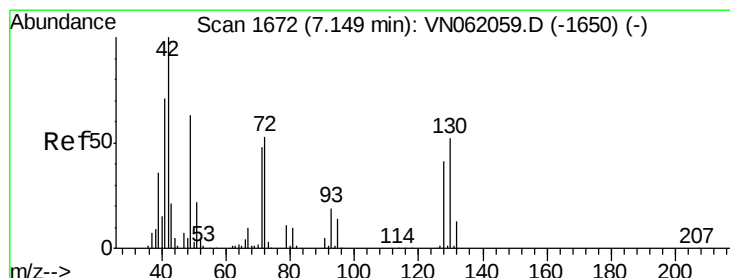
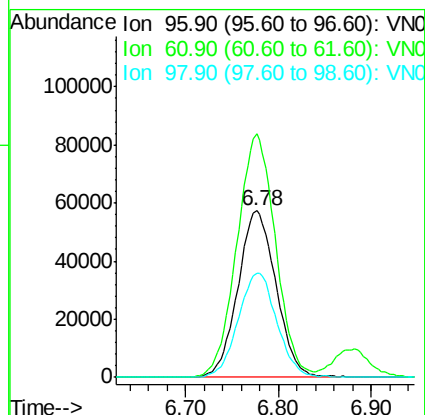
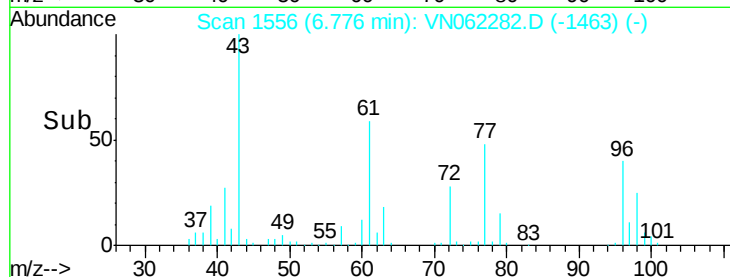
98 63.1 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062282.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062282.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062282.D (-1463) (-)



#28

Bromochloromethane

Concen: 51.387 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

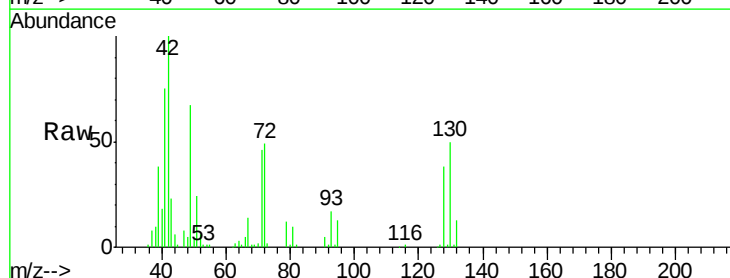
Tgt Ion: 49 Resp: 114445

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

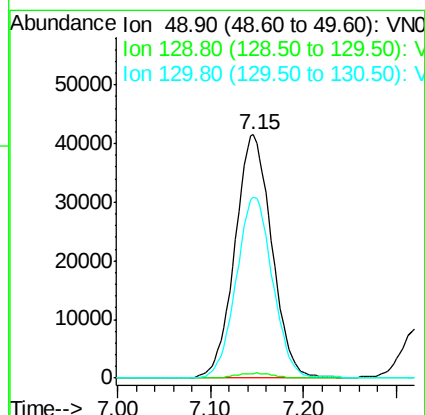
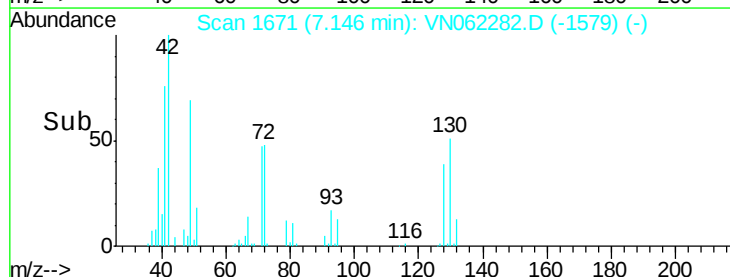
130 73.3 65.5 98.3

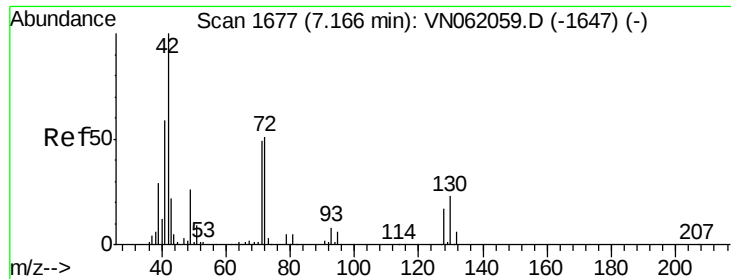


Abundance Ion 48.90 (48.60 to 49.60): VN062282.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062282.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062282.D (-1579) (-)

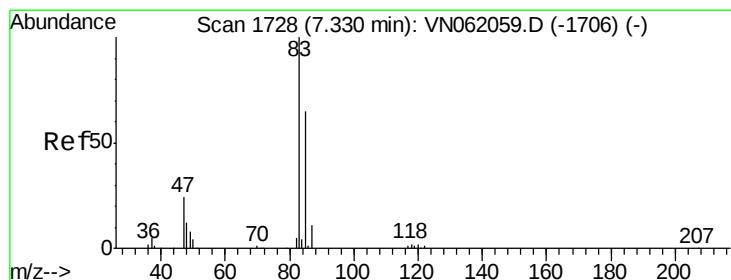
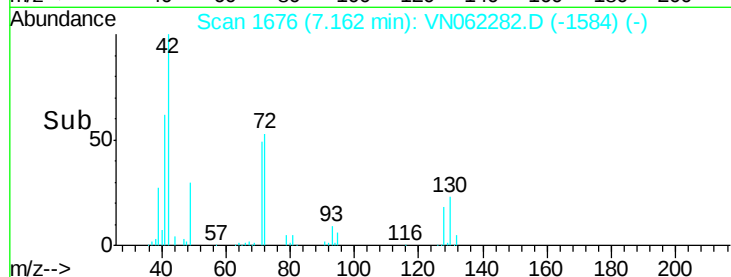
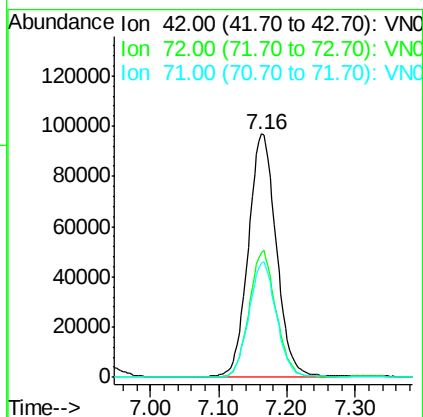
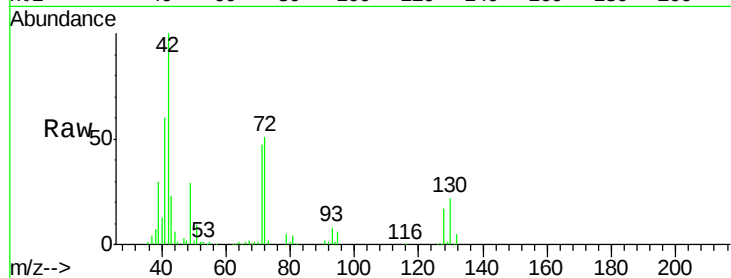




#29
Tetrahydrofuran
Concen: 276.193 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

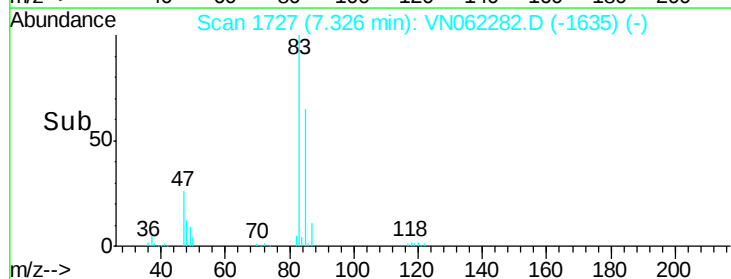
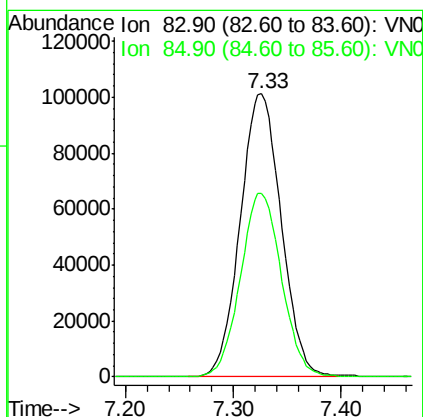
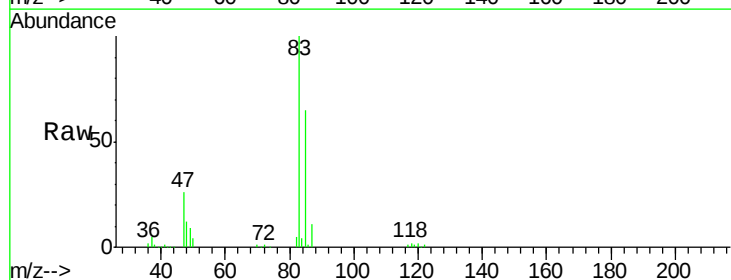
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

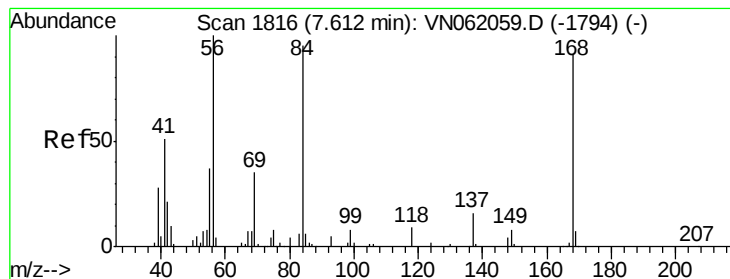
Tgt Ion: 42 Resp: 277908
Ion Ratio Lower Upper
42 100
72 49.6 41.1 61.7
71 46.1 38.2 57.4



#30
Chloroform
Concen: 51.285 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Tgt Ion: 83 Resp: 267833
Ion Ratio Lower Upper
83 100
85 64.8 52.3 78.5





#31

Cyclohexane

Concen: 51.367 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

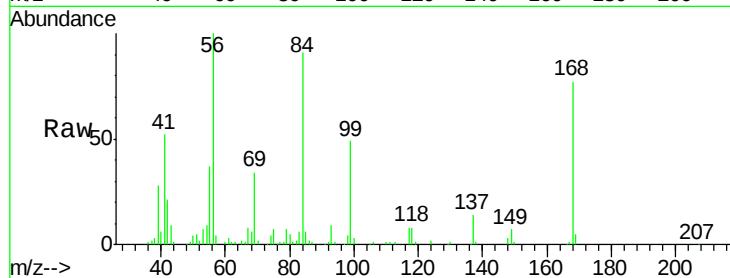
Tgt Ion: 56 Resp: 223027

Ion Ratio Lower Upper

56 100

69 33.5 28.0 42.0

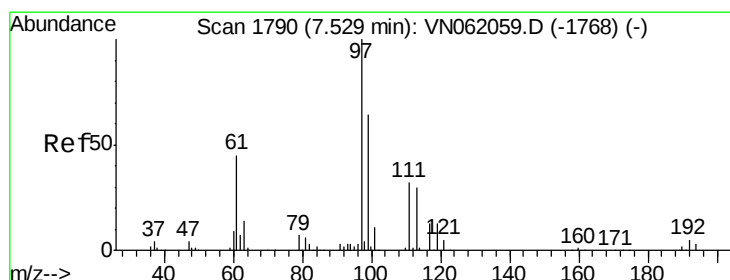
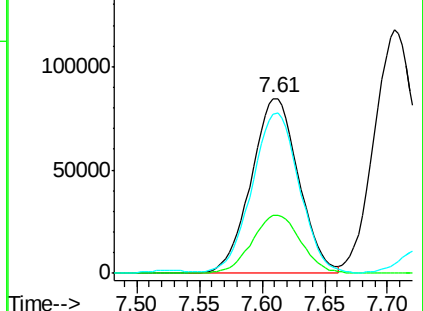
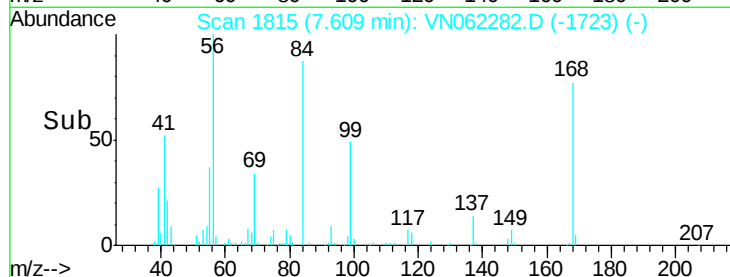
84 89.7 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062282.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062282.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062282.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 49.814 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

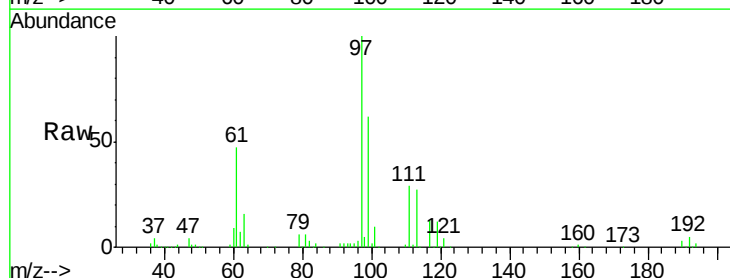
Tgt Ion: 97 Resp: 219392

Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

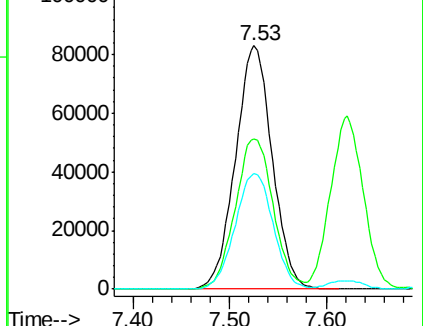
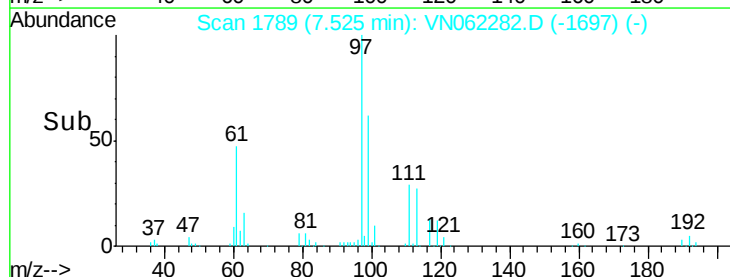
61 49.1 36.2 54.2

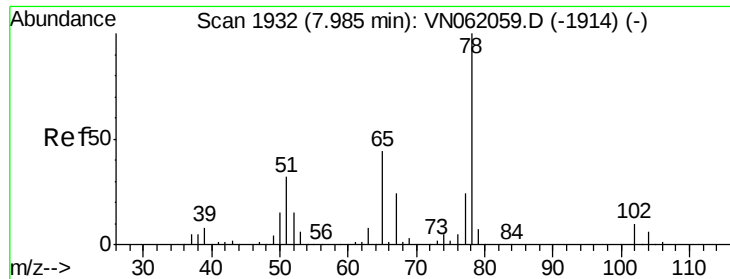


Abundance Ion 96.90 (96.60 to 97.60): VN062282.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062282.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062282.D (-1697) (-)

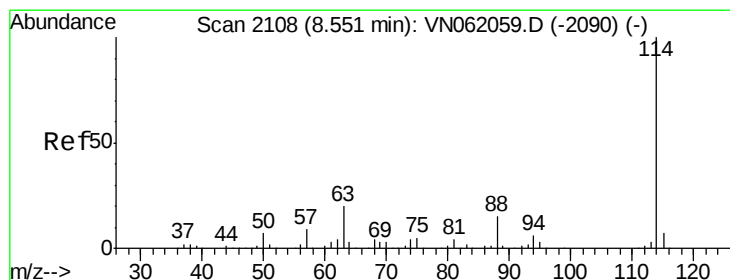
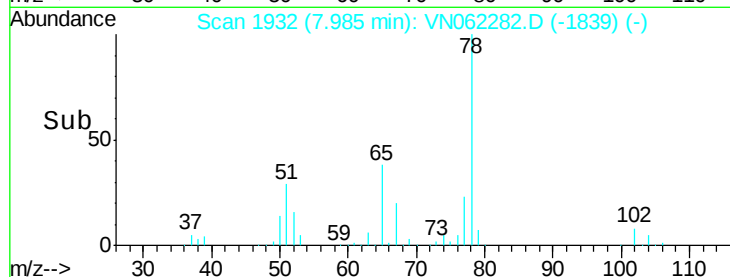
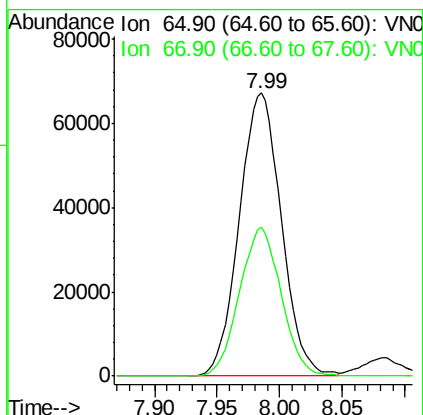
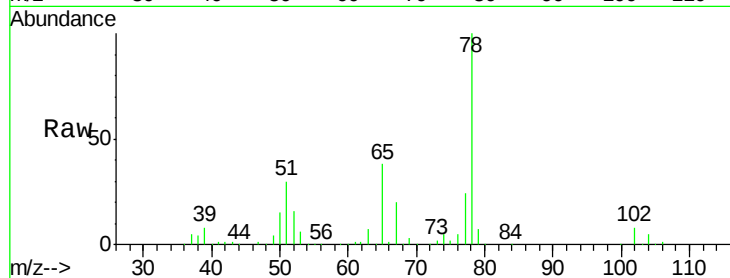




#33
 1,2-Dichloroethane-d4
 Concen: 49.930 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

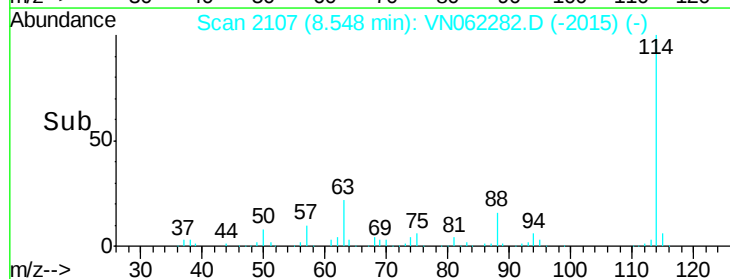
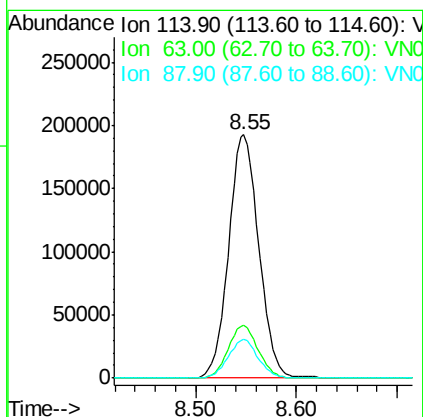
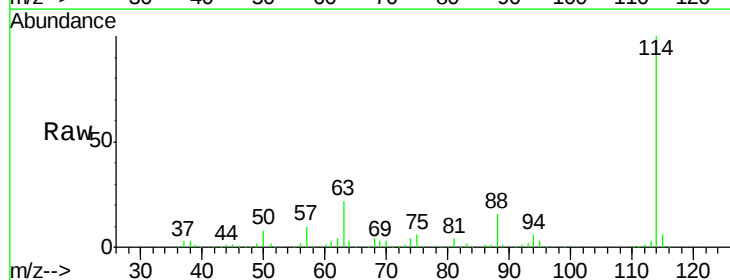
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

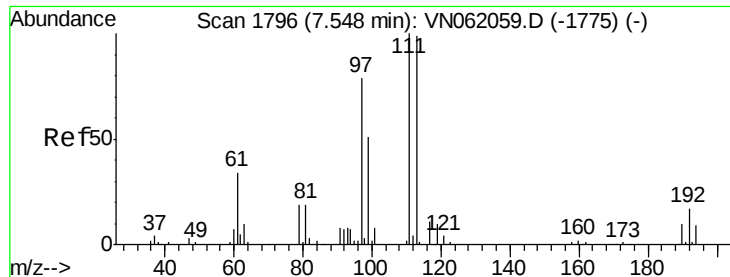
Tgt Ion: 65 Resp: 156912
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Tgt Ion: 114 Resp: 401041
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.2
 88 16.2 0.0 30.8

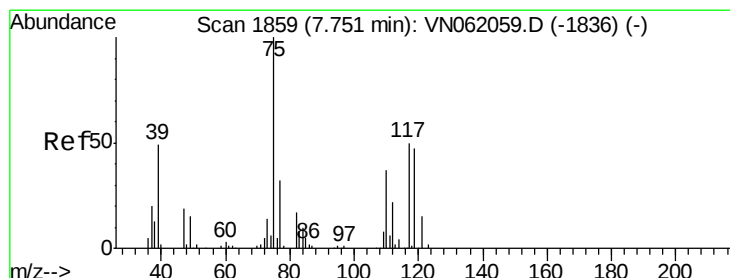
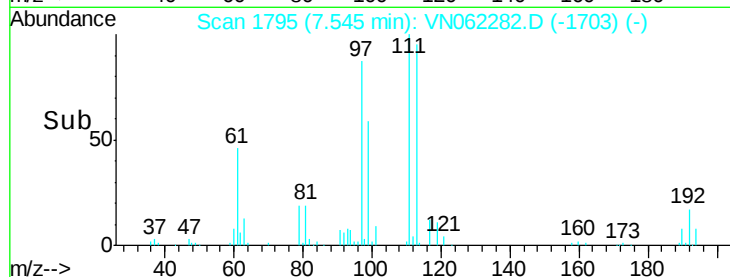
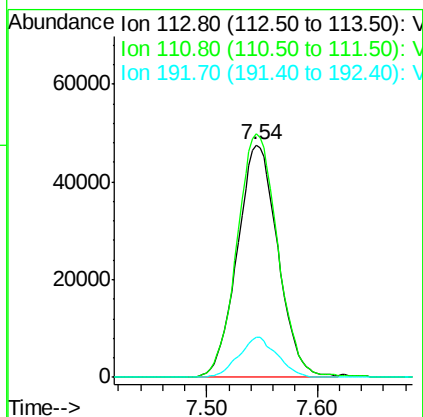
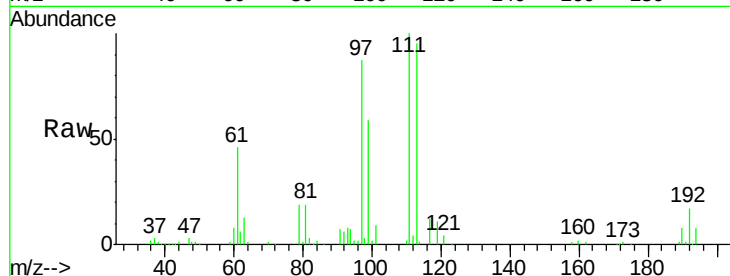




#35
Dibromofluoromethane
Concen: 47.081 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

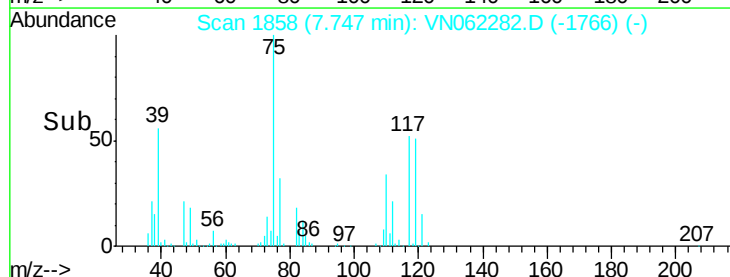
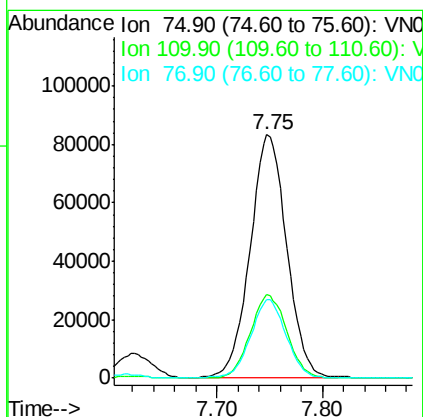
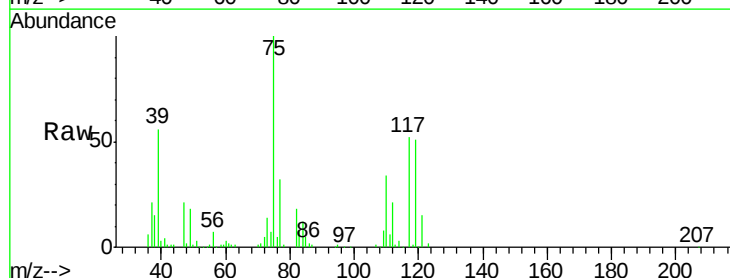
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 121132
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.4
192 16.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 50.046 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Tgt Ion: 75 Resp: 201737
Ion Ratio Lower Upper
75 100
110 34.0 17.9 53.8
77 31.4 24.9 37.3

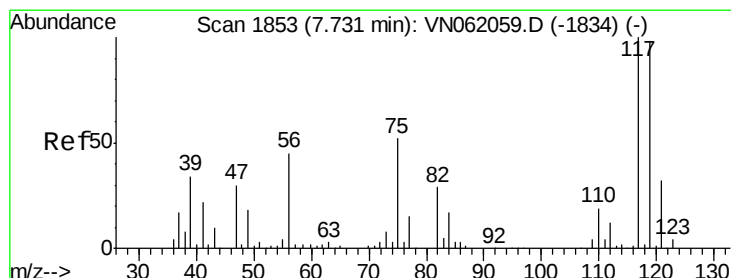
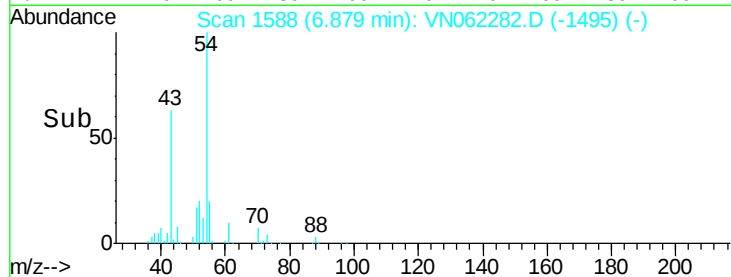
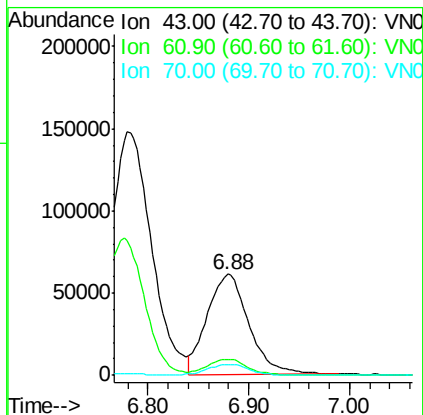
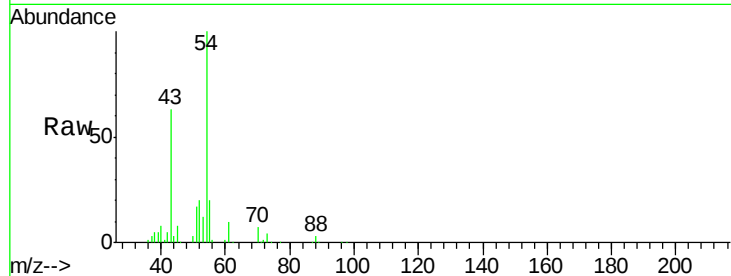




#37
Ethyl Acetate
Concen: 52.584 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

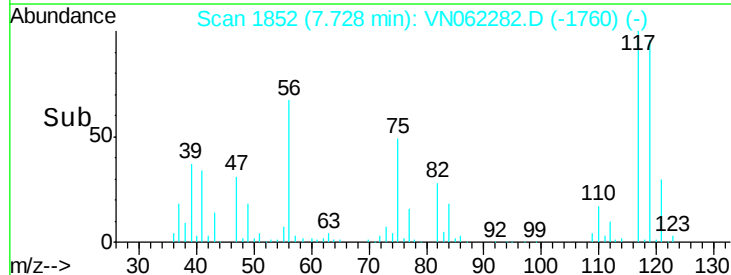
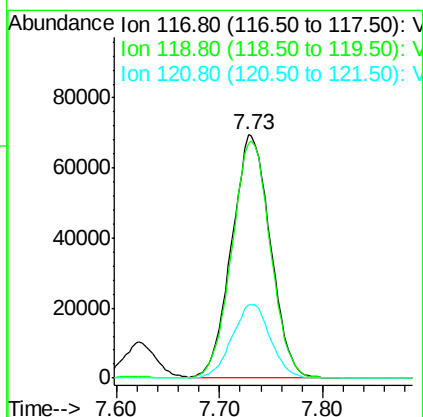
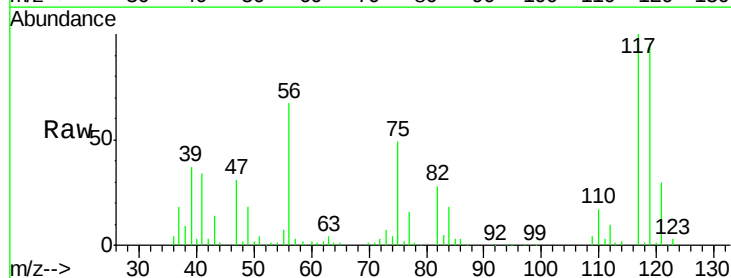
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

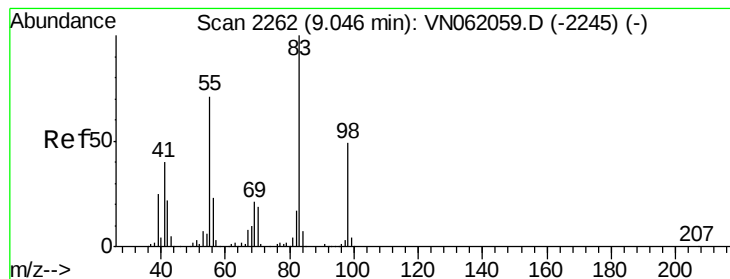
Tgt Ion: 43 Resp: 175521
Ion Ratio Lower Upper
43 100
61 14.8 12.0 18.0
70 11.0 9.6 14.4



#38
Carbon Tetrachloride
Concen: 47.520 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Tgt Ion: 117 Resp: 180595
Ion Ratio Lower Upper
117 100
119 96.6 78.2 117.2
121 30.1 25.8 38.6





#39

Methylcyclohexane

Concen: 53.245 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

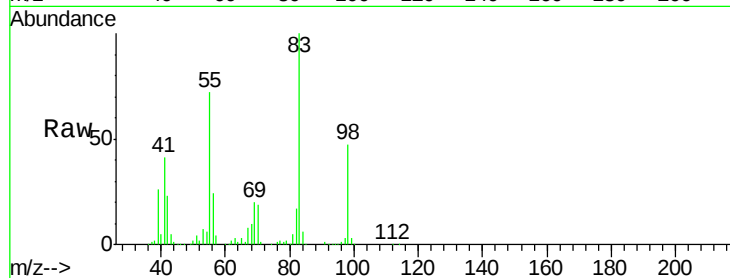
Tgt Ion: 83 Resp: 235173

Ion Ratio Lower Upper

83 100

55 72.0 57.0 85.6

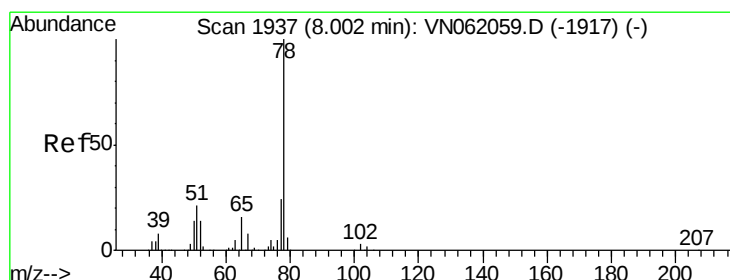
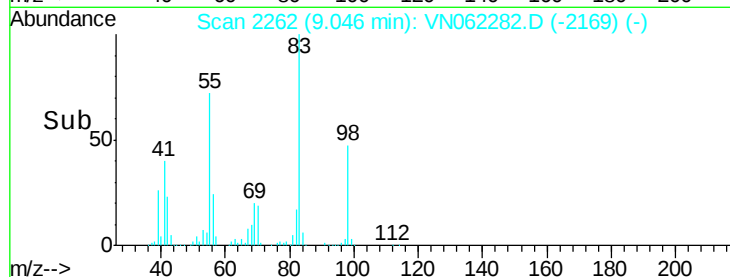
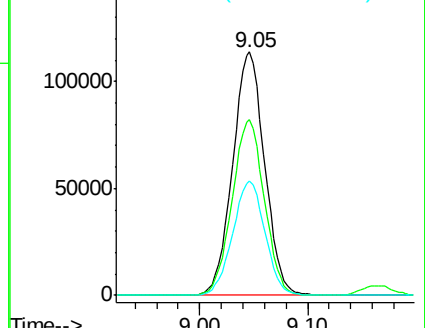
98 46.8 39.0 58.6



Abundance Ion 83.00 (82.70 to 83.70): VN062282.D (-1844) (-)

Ion 55.00 (54.70 to 55.70): VN062282.D (-1844) (-)

Ion 98.00 (97.70 to 98.70): VN062282.D (-1844) (-)



#40

Benzene

Concen: 50.436 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VN062282.D

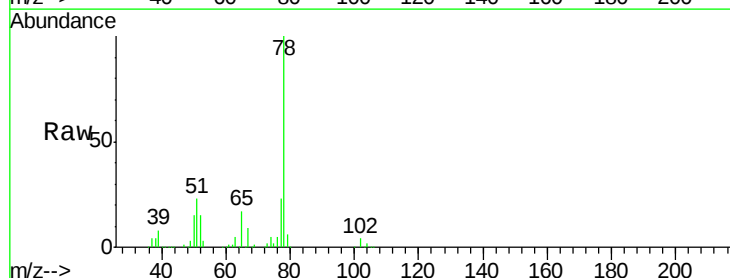
Acq: 1 Jul 2020 10:47

Tgt Ion: 78 Resp: 619682

Ion Ratio Lower Upper

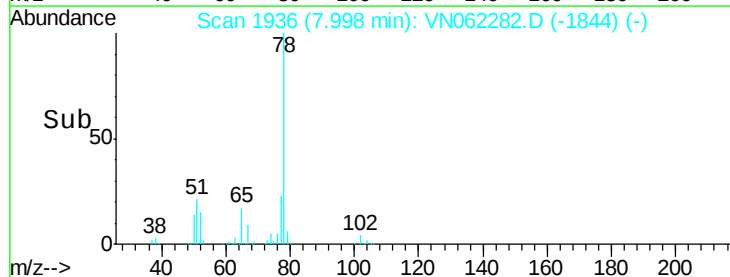
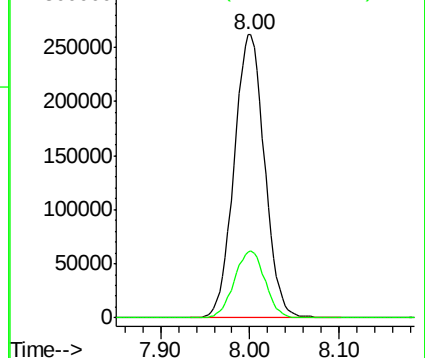
78 100

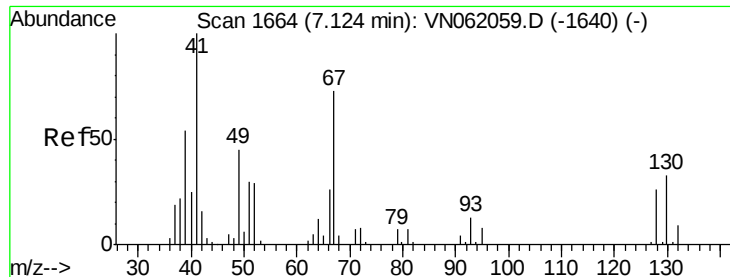
77 23.2 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VN062282.D (-1844) (-)

Ion 77.00 (76.70 to 77.70): VN062282.D (-1844) (-)

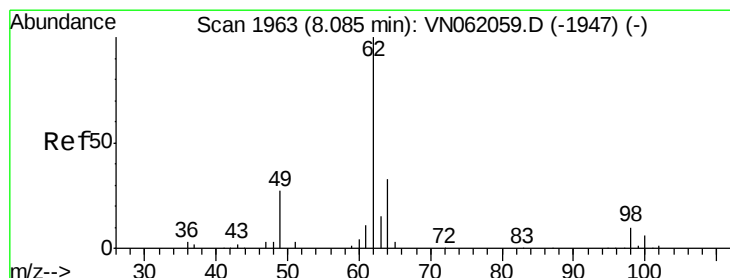
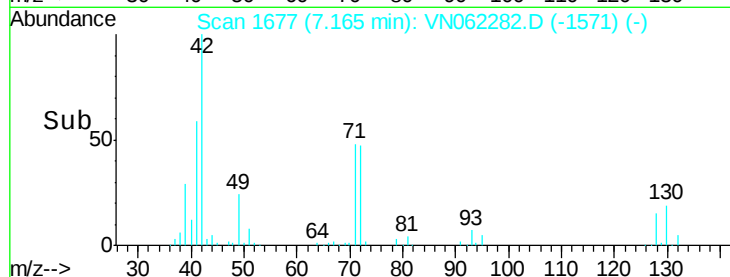
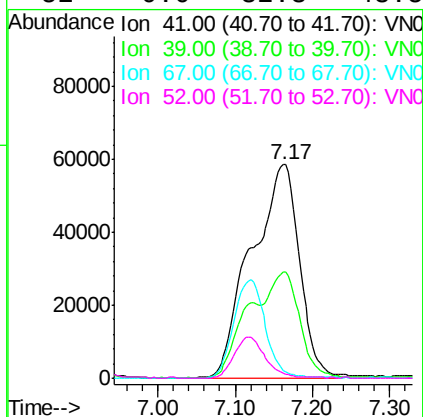
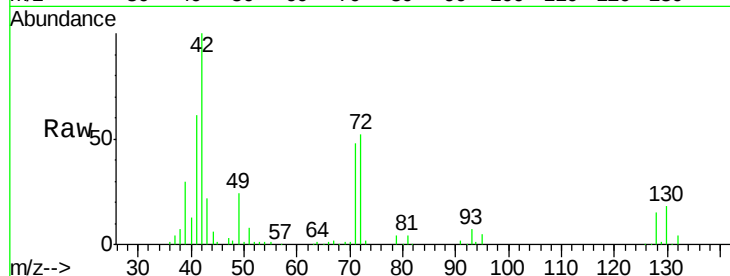




#41
Methacrylonitrile
Concen: 162.680 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

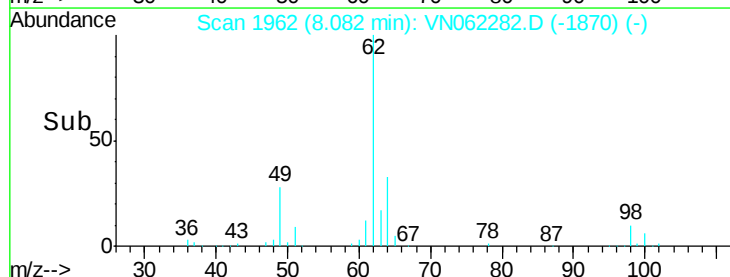
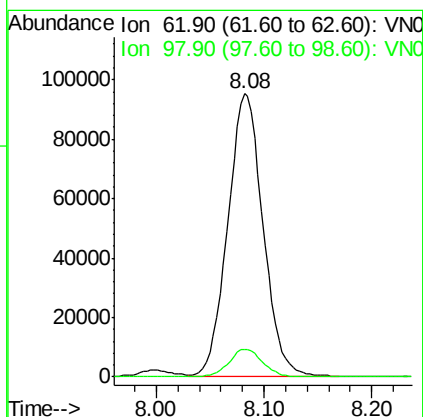
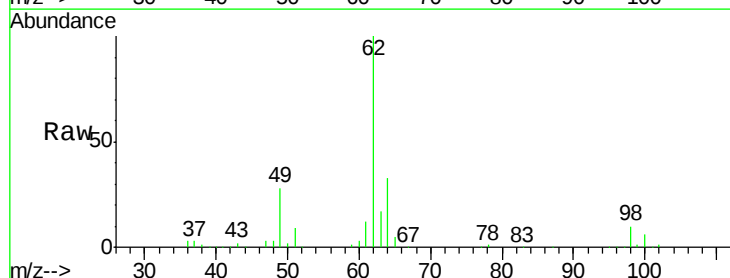
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

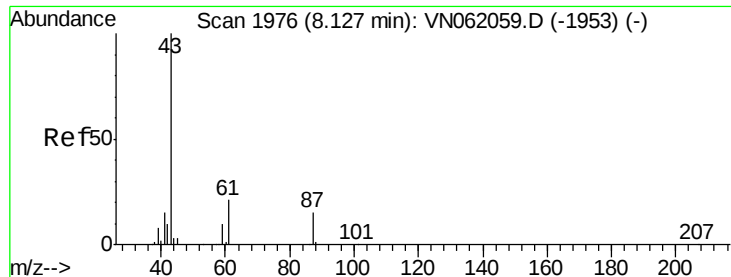
Tgt Ion: 41 Resp: 251745
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 52.101 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Tgt Ion: 62 Resp: 216278
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43

Isopropyl Acetate

Concen: 54.369 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

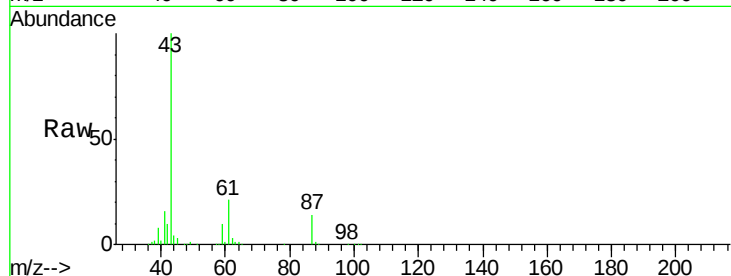
Tgt Ion: 43 Resp: 295843

Ion Ratio Lower Upper

43 100

61 20.9 17.2 25.8

87 14.2 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)

8.12

150000

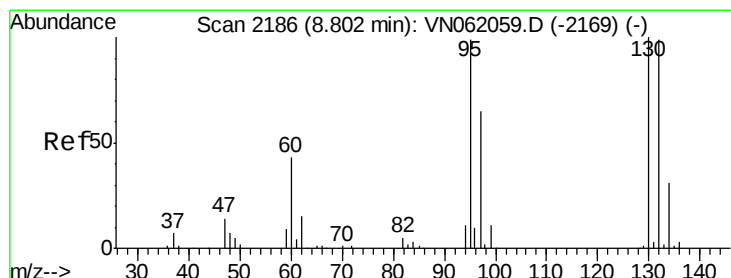
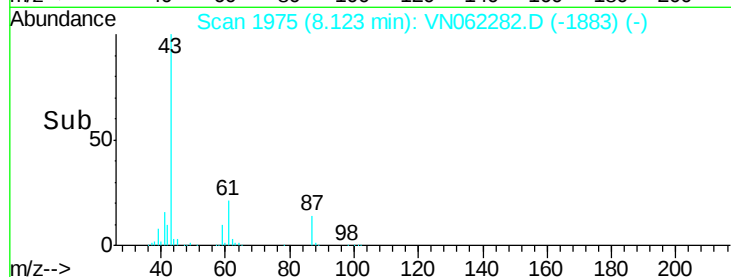
100000

50000

0

8.05 8.10 8.15 8.20

Time-->



#44

Trichloroethene

Concen: 46.349 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062282.D

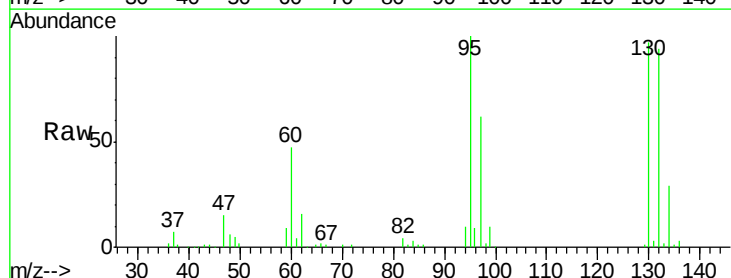
Acq: 1 Jul 2020 10:47

Tgt Ion: 130 Resp: 143649

Ion Ratio Lower Upper

130 100

95 103.0 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)

8.80

80000

60000

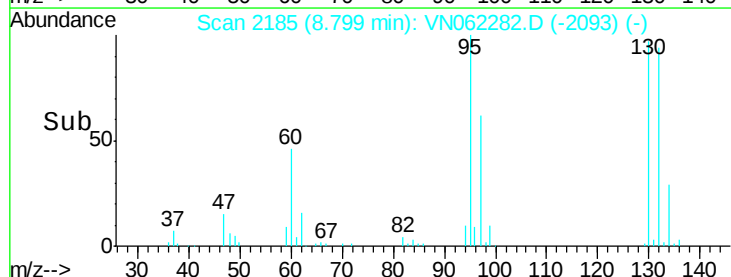
40000

20000

0

8.70 8.75 8.80 8.85 8.90

Time-->

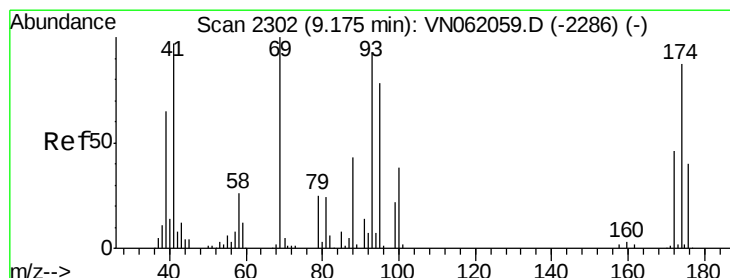
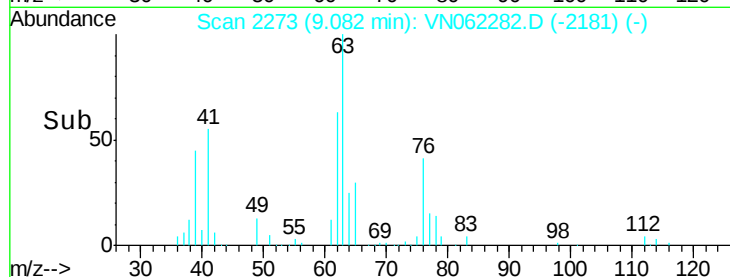
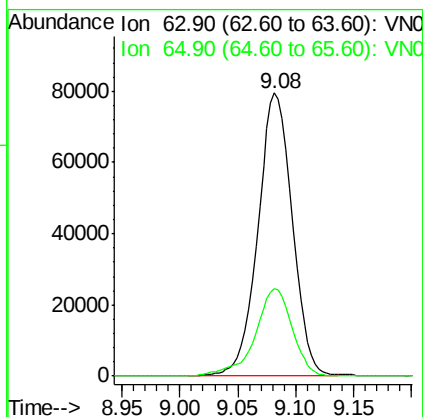
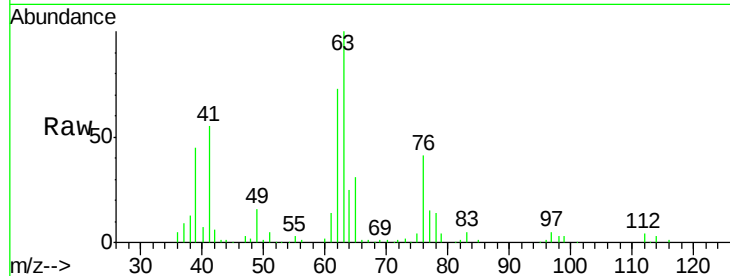




#45
 1,2-Dichloropropane
 Concen: 54.131 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

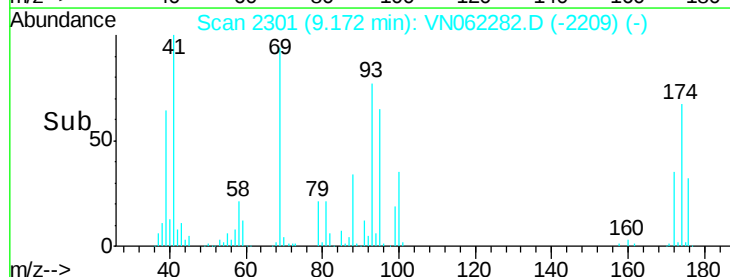
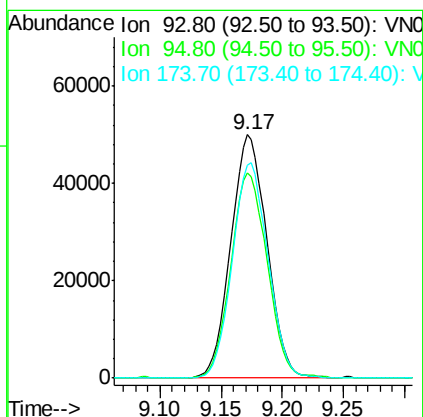
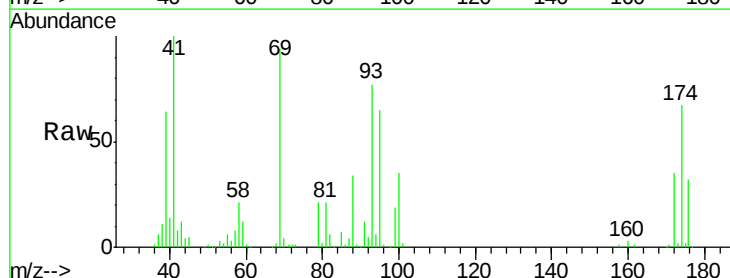
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

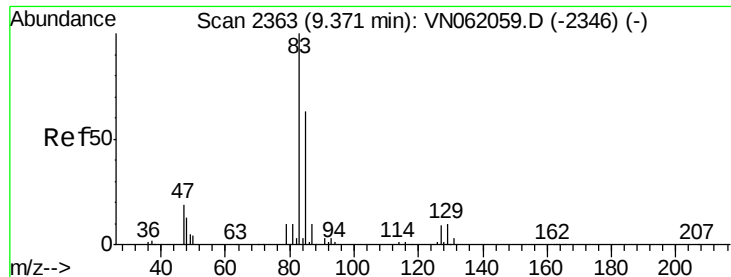
Tgt Ion: 63 Resp: 164080
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.4



#46
 Dibromomethane
 Concen: 50.150 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Tgt Ion: 93 Resp: 103065
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.0 100.6
 174 87.1 74.4 111.6





#47

Bromodichloromethane

Concen: 52.073 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

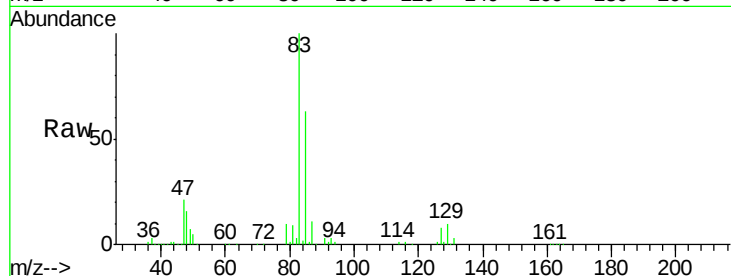
Tgt Ion: 83 Resp: 216082

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5

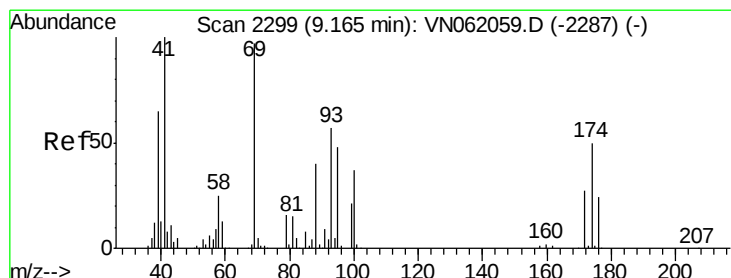
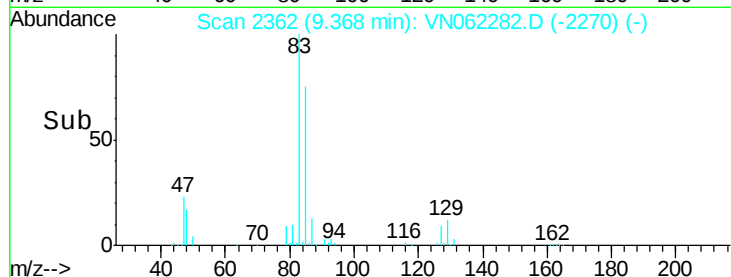
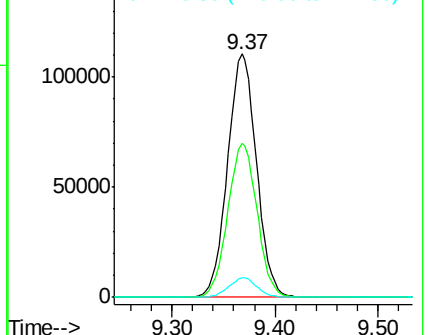
127 8.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062282.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062282.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062282.D (-2270) (-)



#48

Methyl methacrylate

Concen: 56.942 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

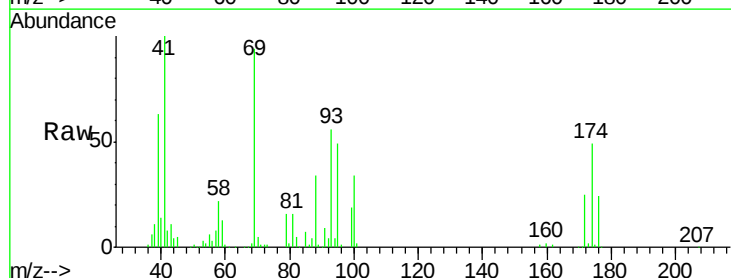
Tgt Ion: 41 Resp: 138926

Ion Ratio Lower Upper

41 100

69 97.0 80.7 121.1

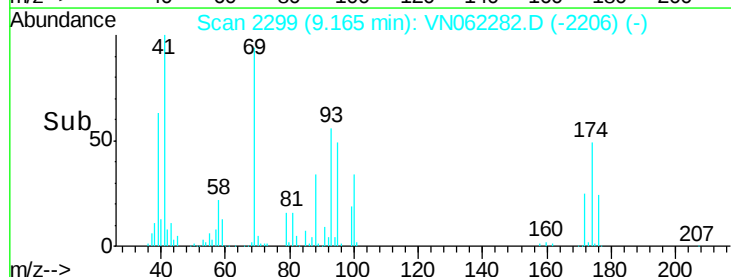
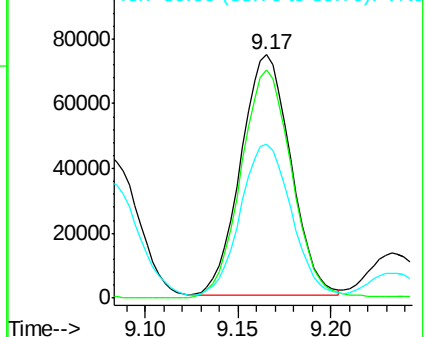
39 66.0 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062282.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062282.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062282.D (-2206) (-)

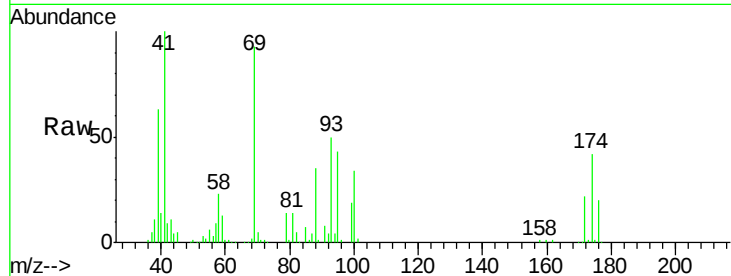




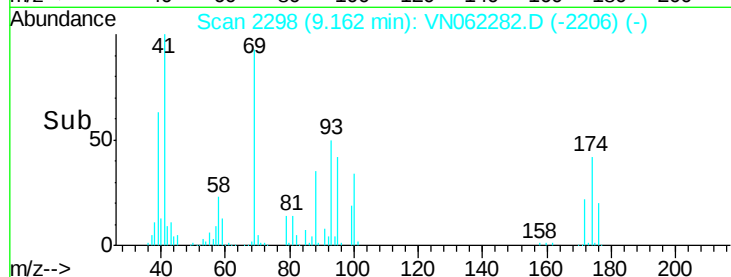
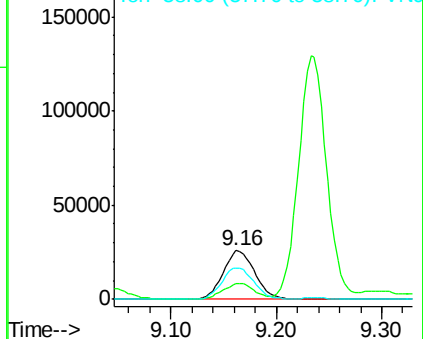
#49
1,4-Dioxane
Concen: 1000.300 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 54121
Ion Ratio Lower Upper
88 100
43 30.5 22.0 33.0
58 65.0 49.2 73.8

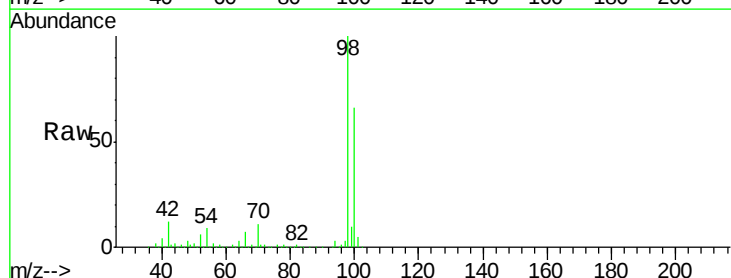


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

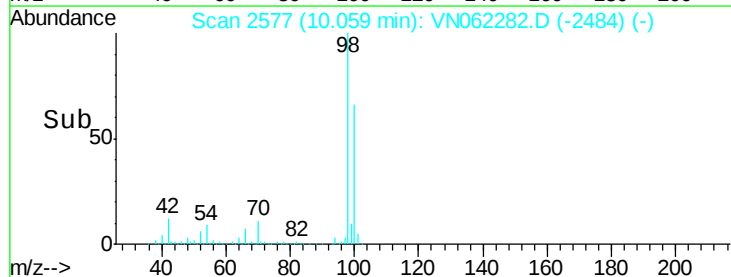
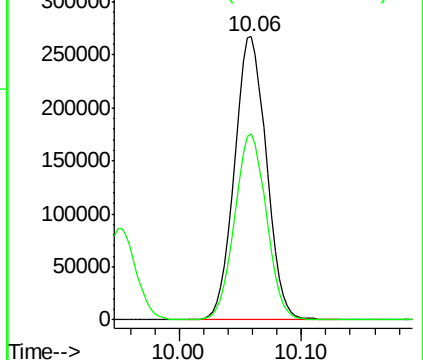


#50
Toluene-d8
Concen: 47.094 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Tgt Ion: 98 Resp: 484340
Ion Ratio Lower Upper
98 100
100 65.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

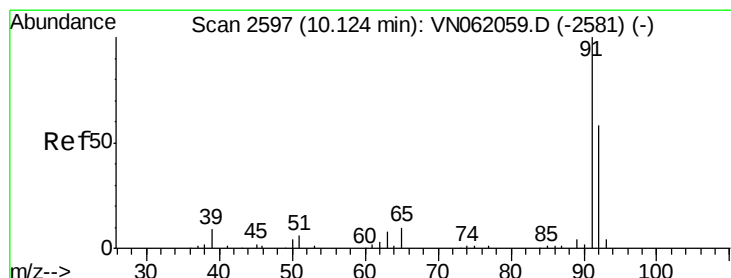
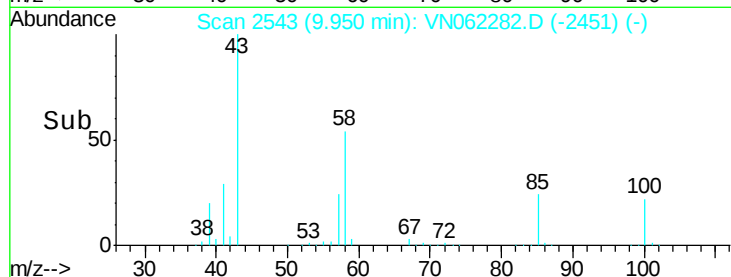
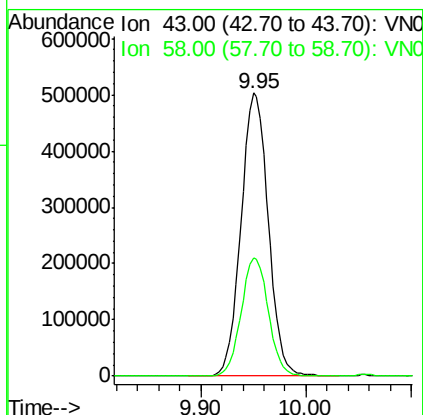
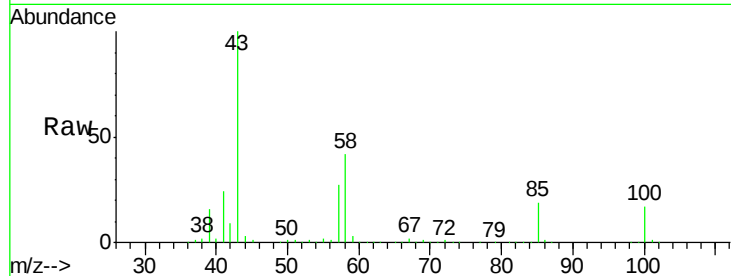




#51
 4-Methyl-2-Pentanone
 Concen: 283.698 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

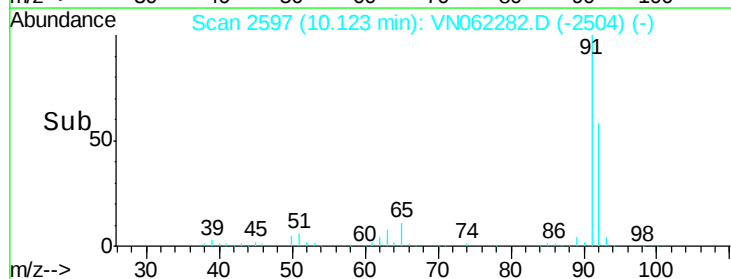
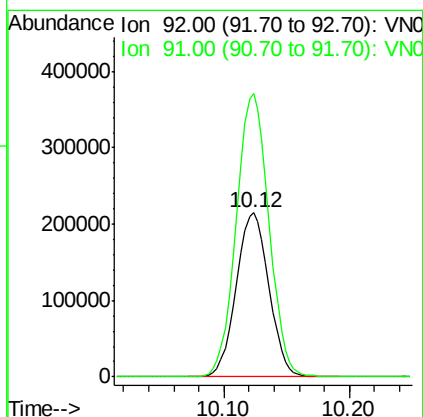
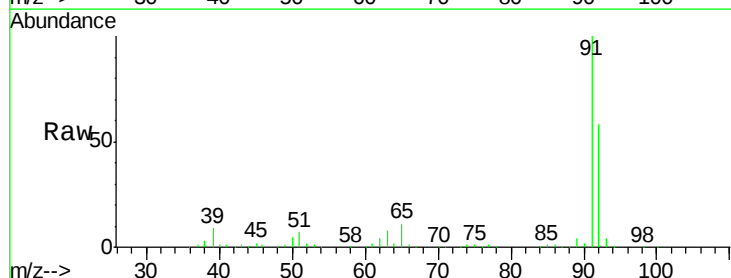
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 901924
 Ion Ratio Lower Upper
 43 100
 58 41.7 34.2 51.2



#52
 Toluene
 Concen: 51.948 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Tgt Ion: 92 Resp: 389438
 Ion Ratio Lower Upper
 92 100
 91 172.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 53.015 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

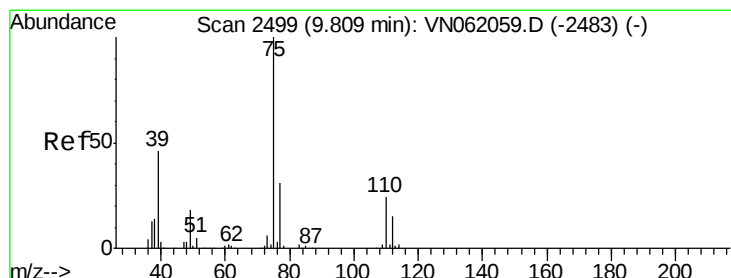
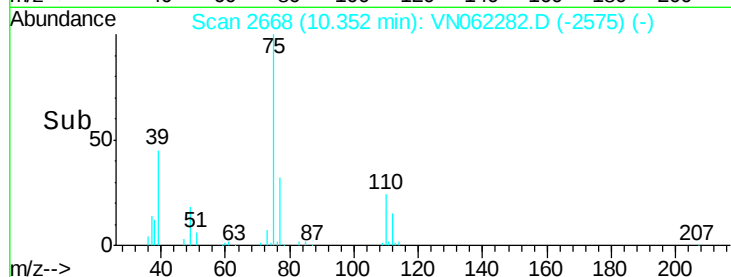
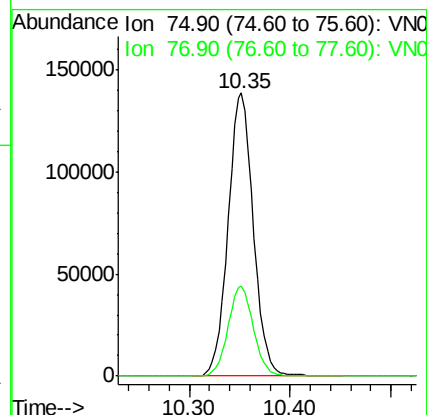
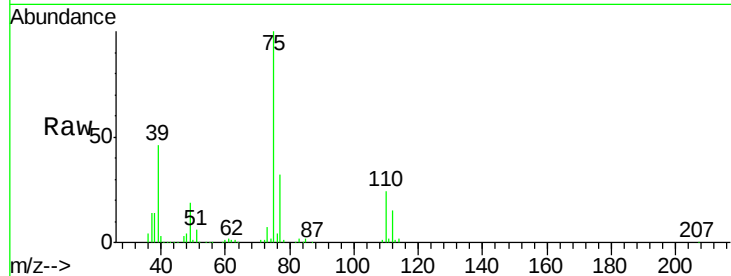
VSTDCCC050

Tgt Ion: 75 Resp: 242030

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 53.950 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

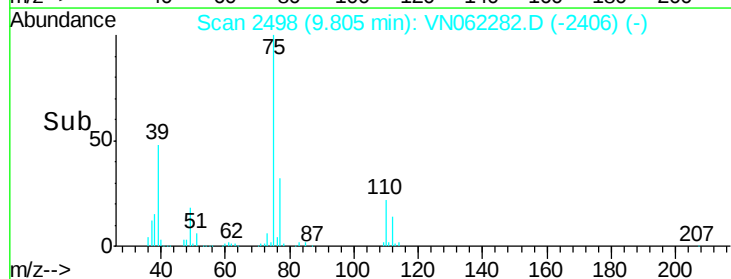
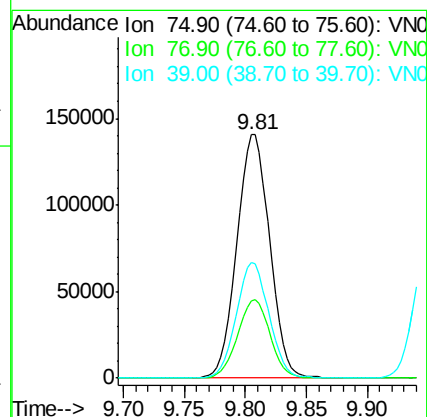
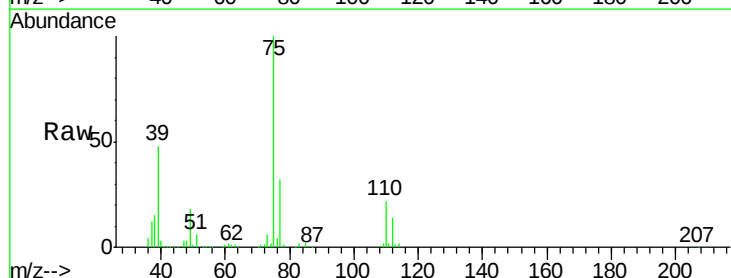
Tgt Ion: 75 Resp: 262219

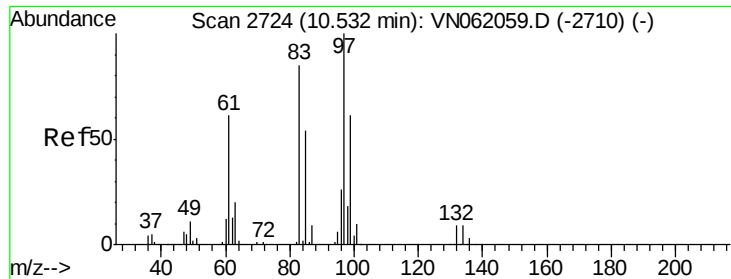
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

39 47.5 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 52.187 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 153787

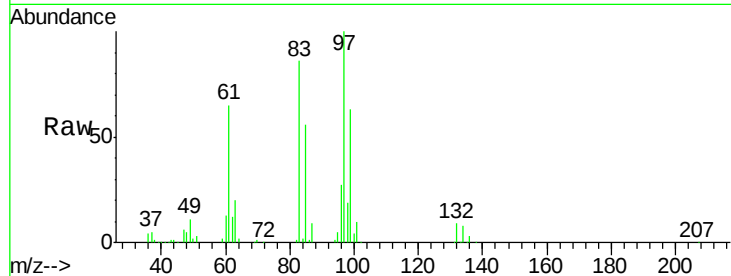
Ion Ratio Lower Upper

97 100

83 86.4 68.2 102.2

85 56.1 43.2 64.8

99 62.5 48.5 72.7

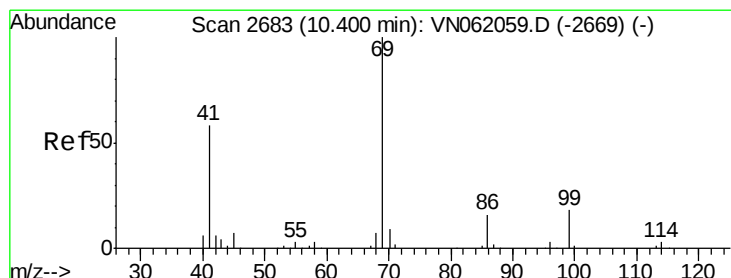
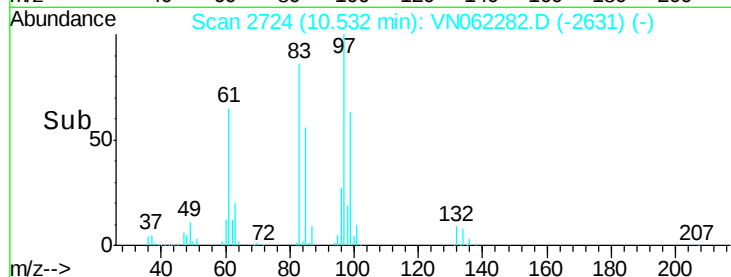
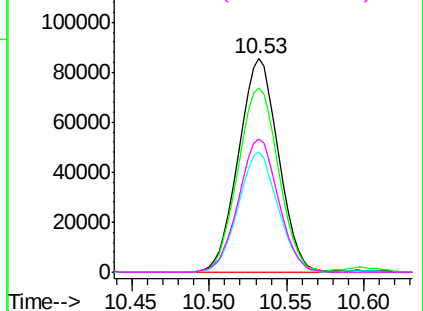


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 56.643 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

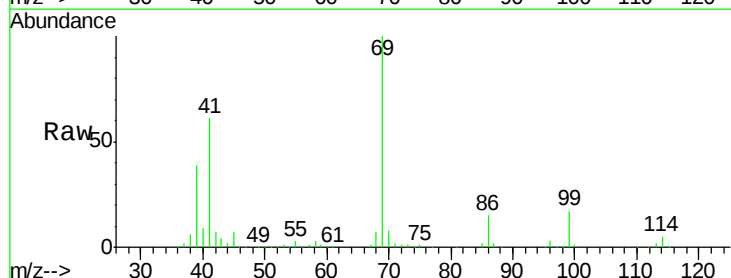
Tgt Ion: 69 Resp: 222760

Ion Ratio Lower Upper

69 100

41 61.8 46.6 70.0

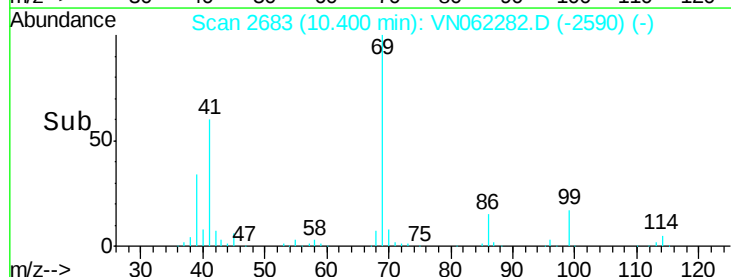
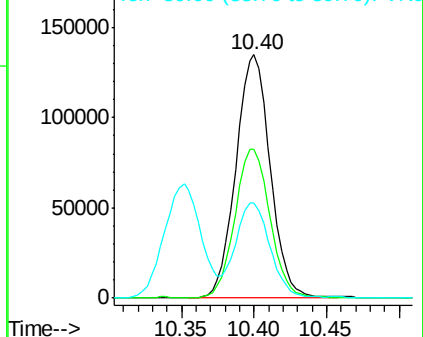
39 39.4 31.0 46.4



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

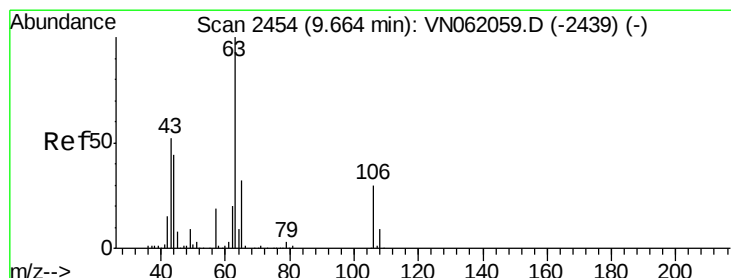
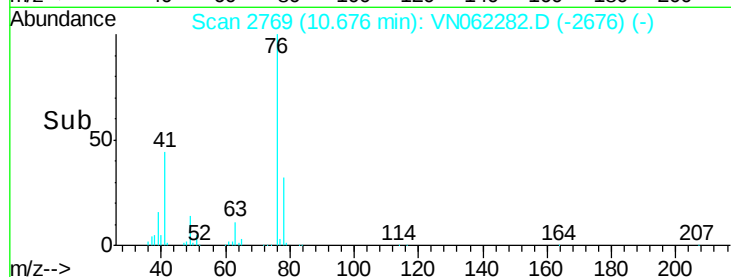
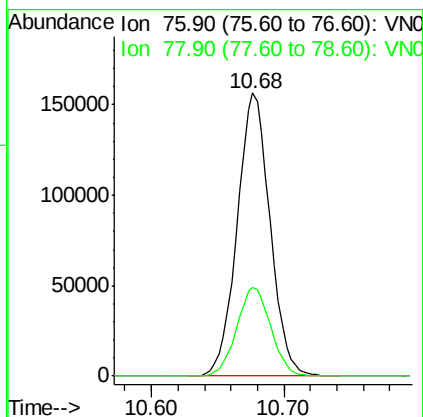
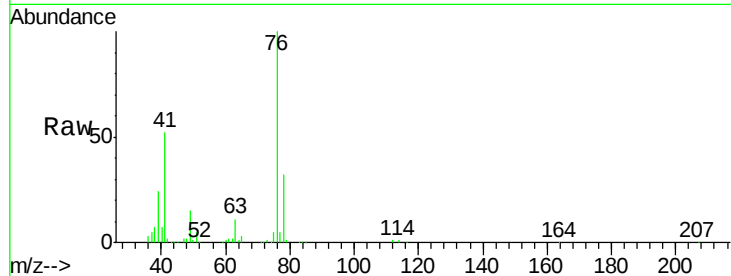




#57
 1,3-Dichloropropane
 Concen: 53.049 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

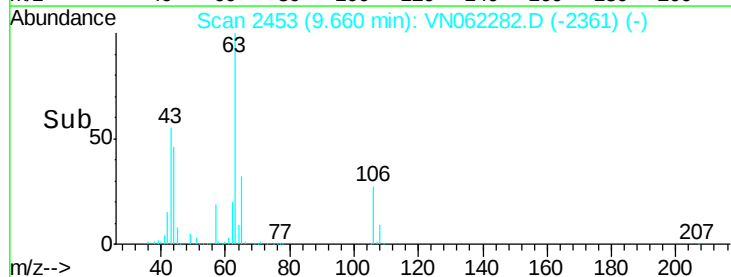
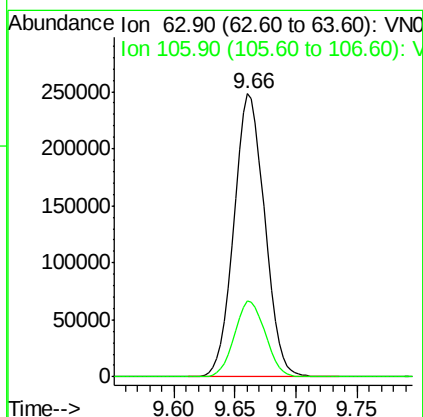
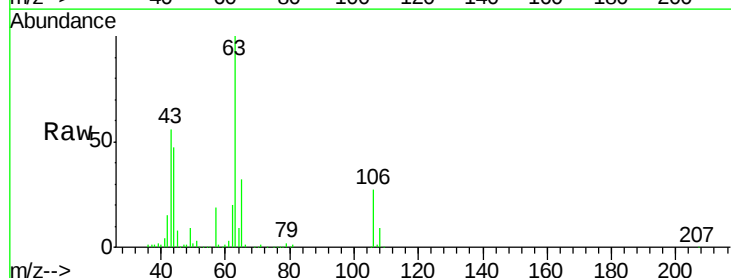
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

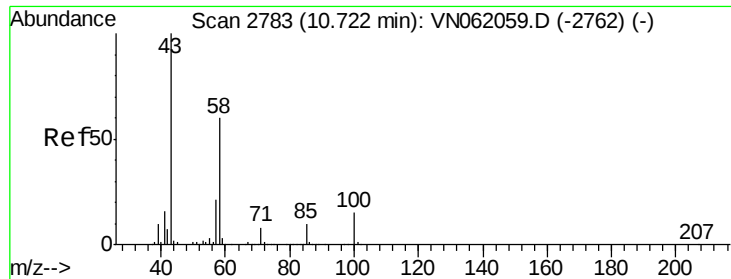
Tgt Ion: 76 Resp: 269078
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.020 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Tgt Ion: 63 Resp: 434735
 Ion Ratio Lower Upper
 63 100
 106 26.9 23.2 34.8

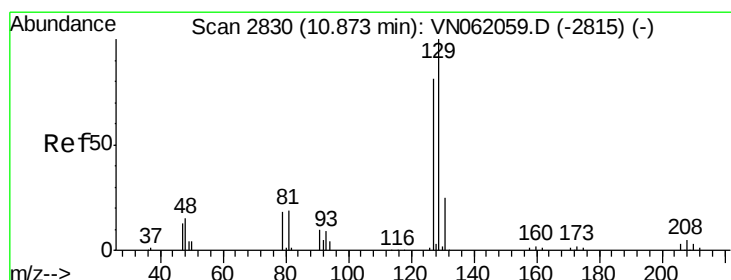
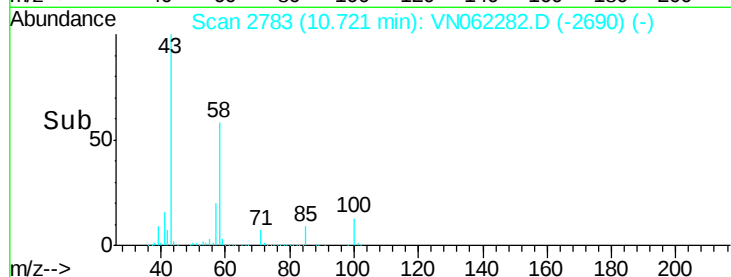
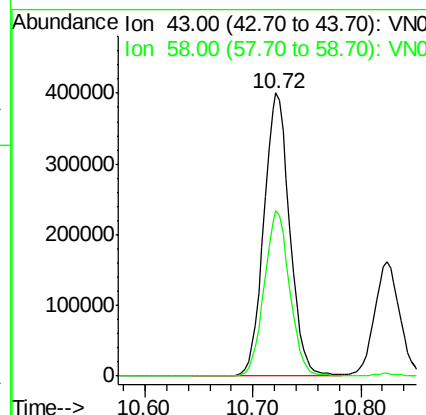
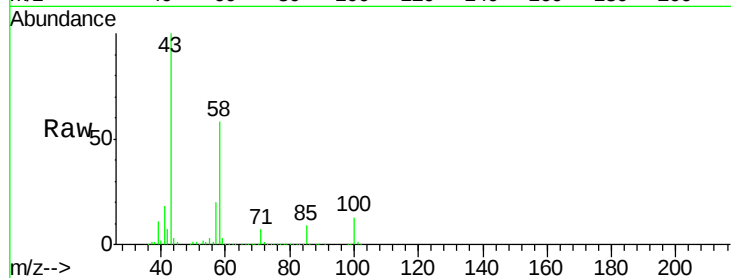




#59
2-Hexanone
Concen: 288.602 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

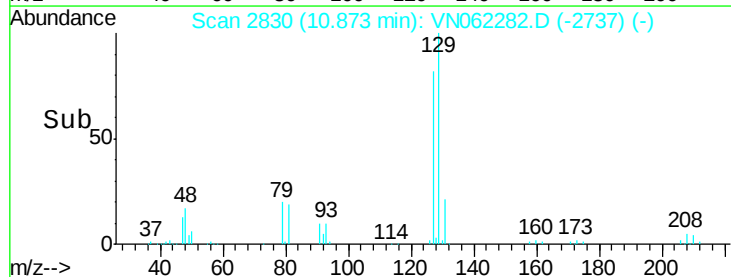
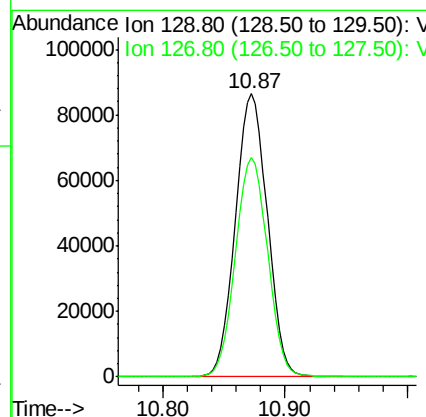
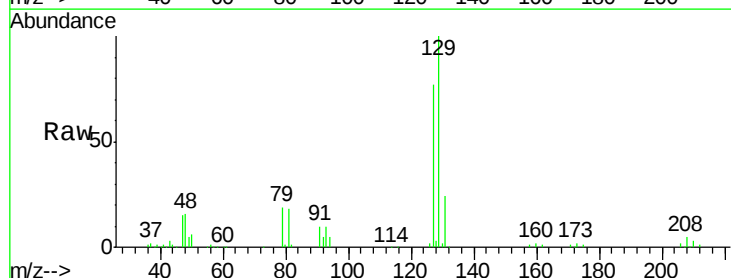
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

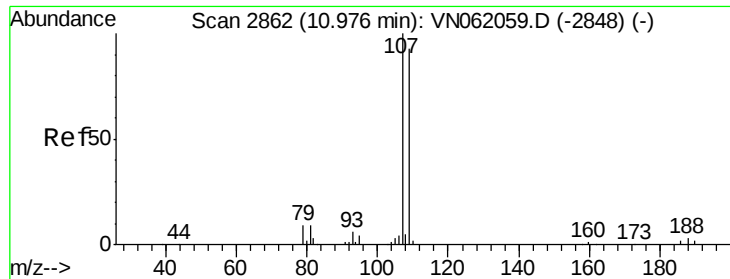
Tgt Ion: 43 Resp: 662534
Ion Ratio Lower Upper
43 100
58 57.9 29.5 88.5



#60
Dibromochloromethane
Concen: 50.486 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Tgt Ion: 129 Resp: 157510
Ion Ratio Lower Upper
129 100
127 78.0 39.5 118.5

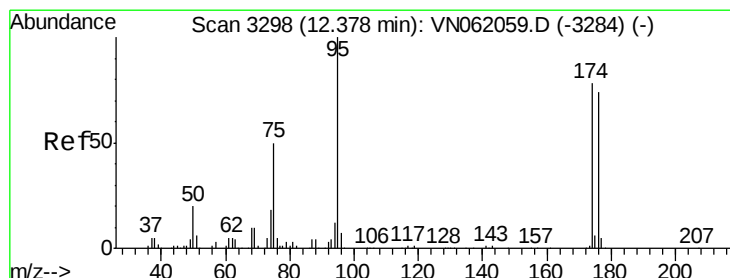
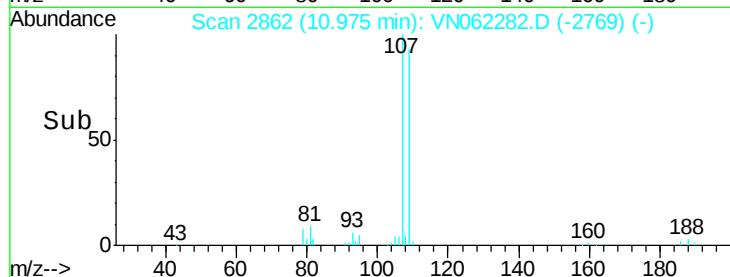
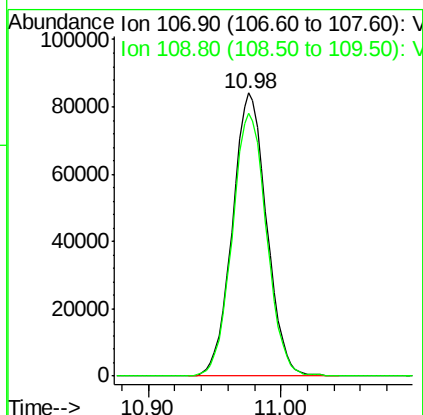
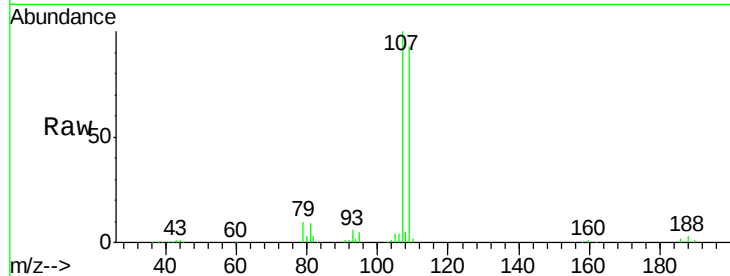




#61
 1,2-Dibromoethane
 Concen: 49.724 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

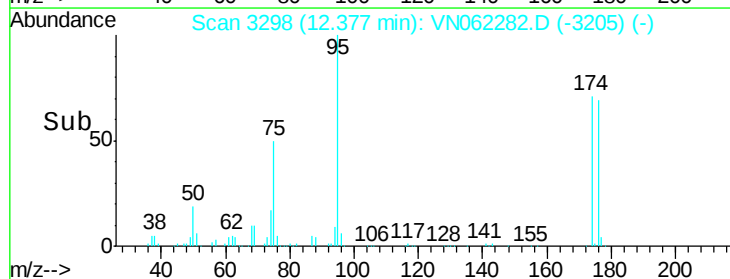
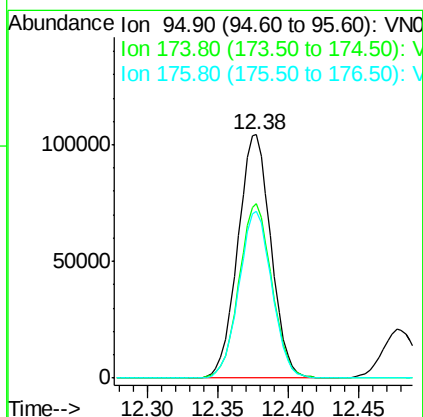
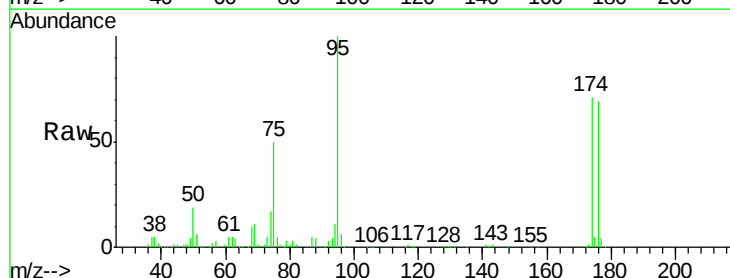
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

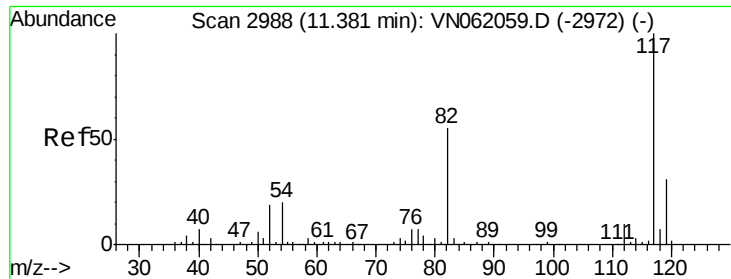
Tgt Ion: 107 Resp: 150561
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.502 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Tgt Ion: 95 Resp: 172006
 Ion Ratio Lower Upper
 95 100
 174 71.0 0.0 154.8
 176 68.0 0.0 147.4

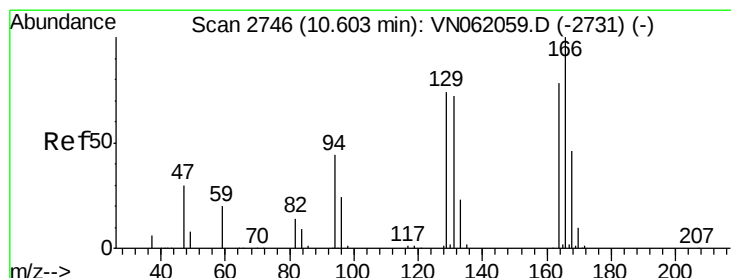
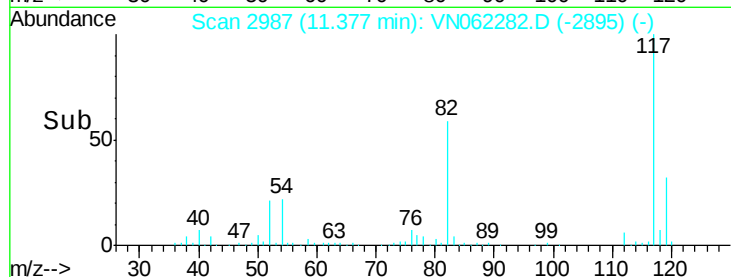
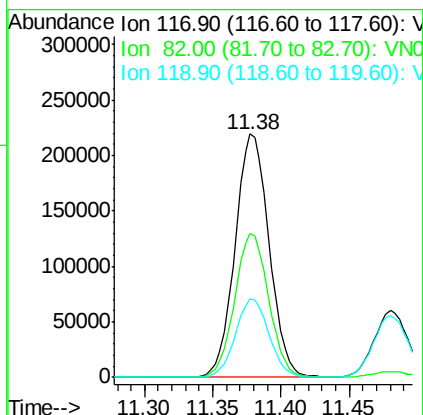
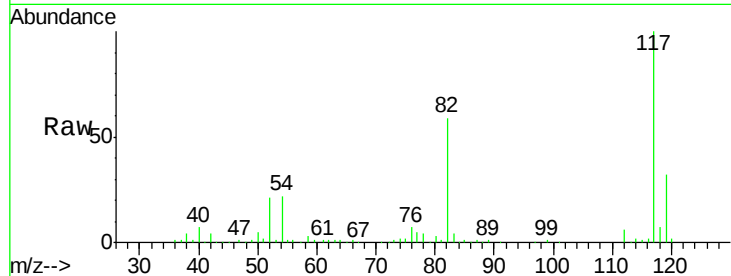




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

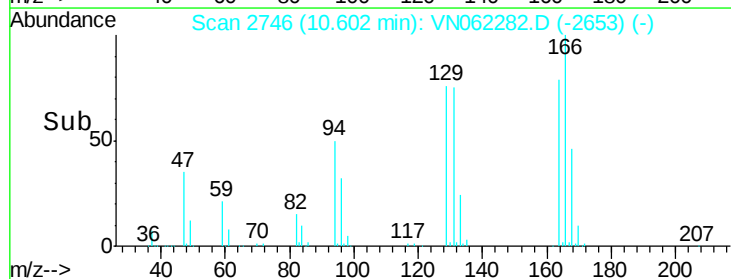
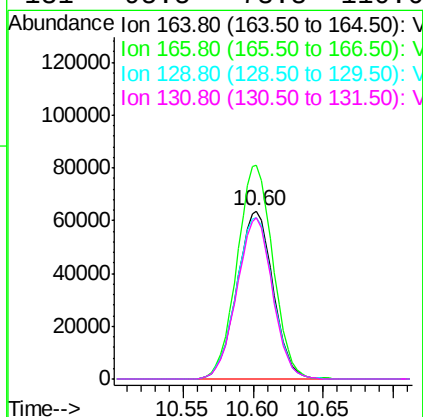
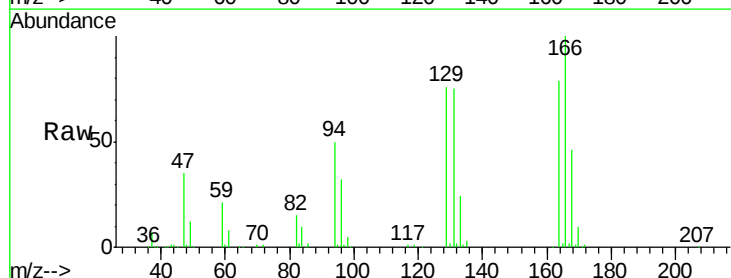
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

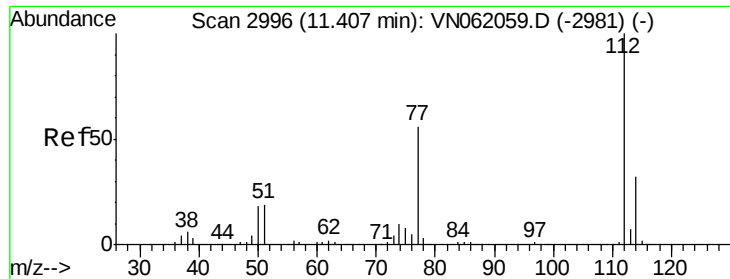
Tgt Ion:117 Resp: 379267
Ion Ratio Lower Upper
117 100
82 59.3 43.8 65.8
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 44.021 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Tgt Ion:164 Resp: 114048
Ion Ratio Lower Upper
164 100
166 126.9 102.9 154.3
129 95.9 75.8 113.8
131 95.5 73.8 110.6

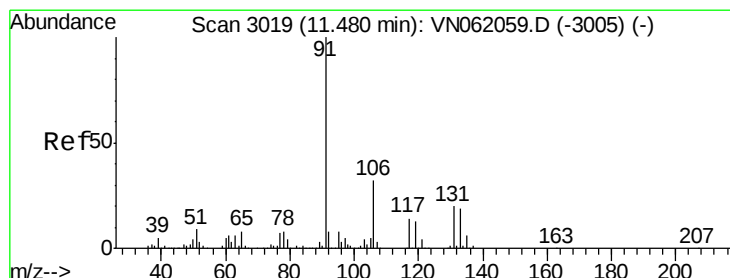
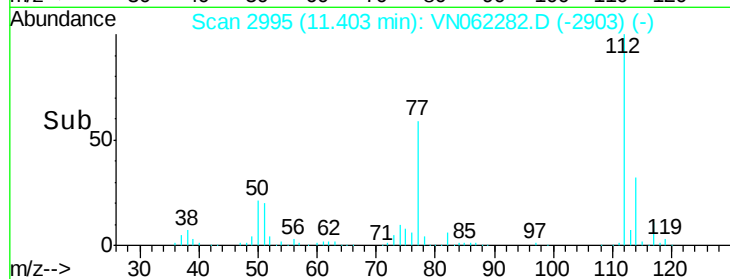
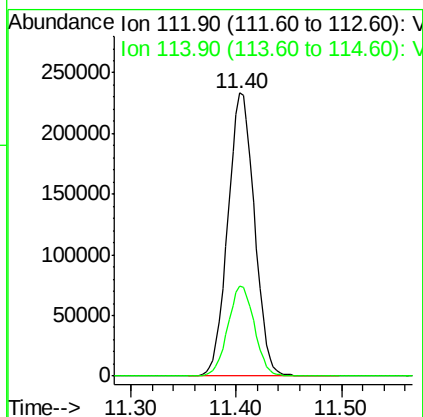
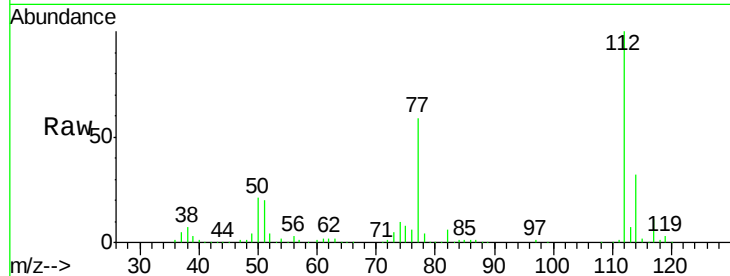




#65
Chlorobenzene
Concen: 48.862 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

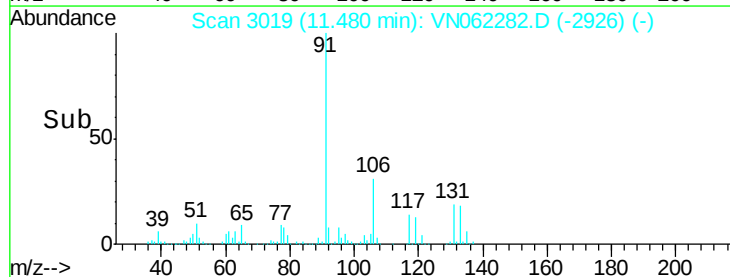
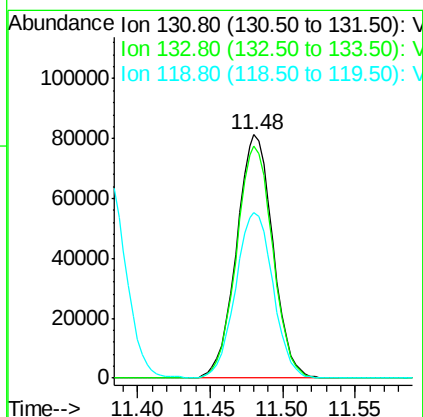
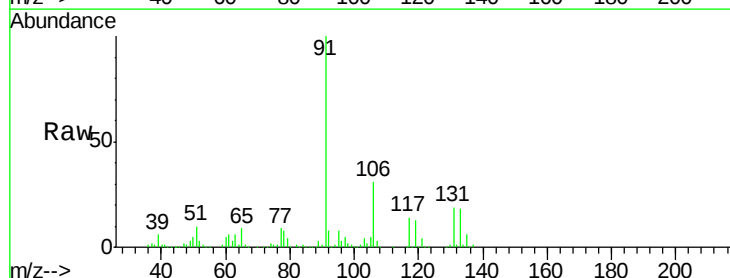
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

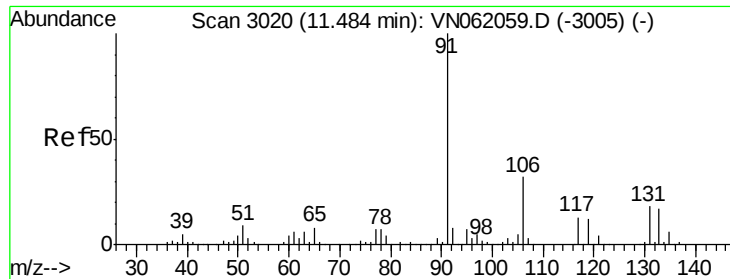
Tgt Ion:112 Resp: 406958
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.141 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Tgt Ion:131 Resp: 141526
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.9
119 70.0 34.4 103.3

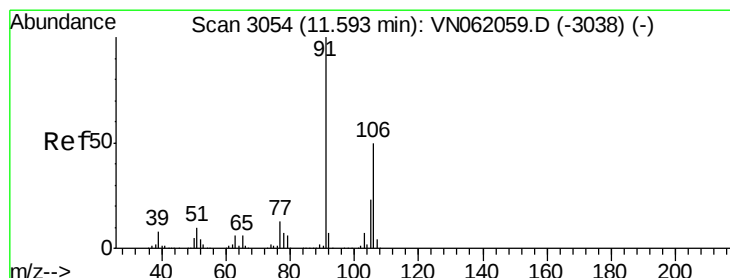
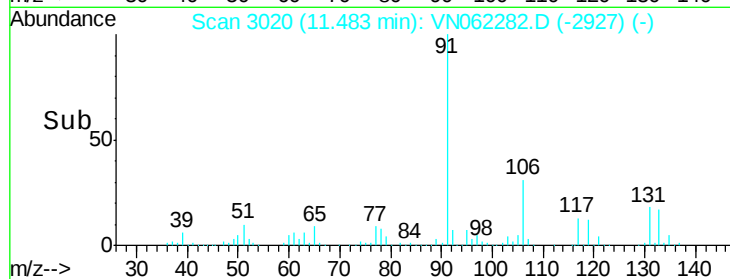
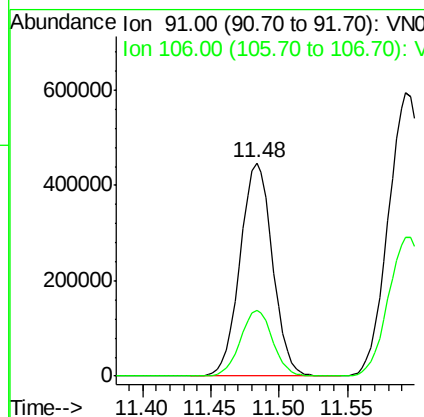
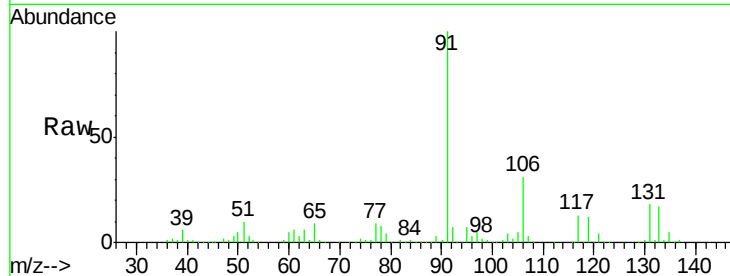




#67
Ethyl Benzene
Concen: 52.582 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

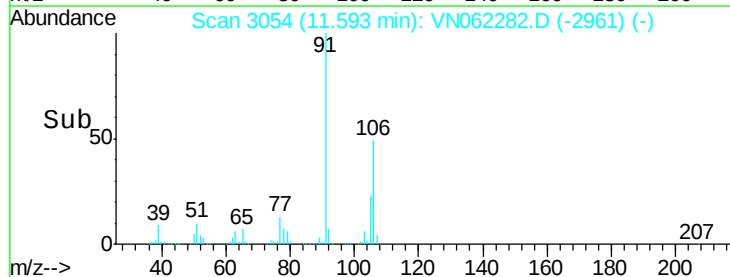
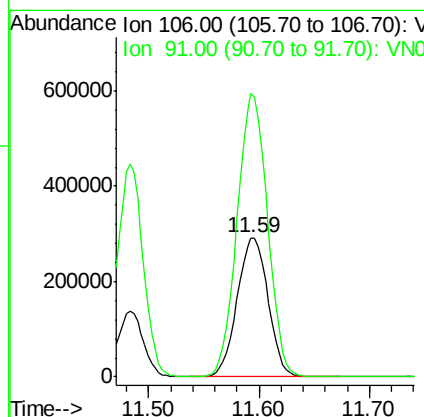
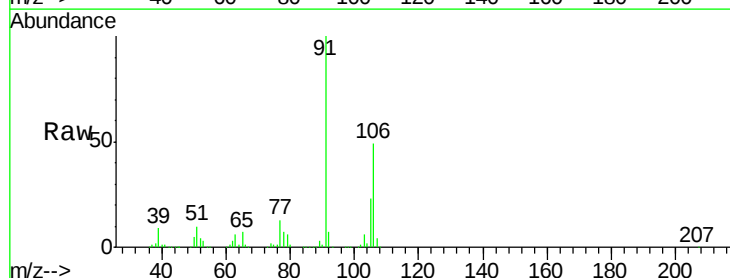
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 739631
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9



#68
m/p-Xylenes
Concen: 103.740 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Tgt Ion: 106 Resp: 564405
Ion Ratio Lower Upper
106 100
91 200.9 157.8 236.8

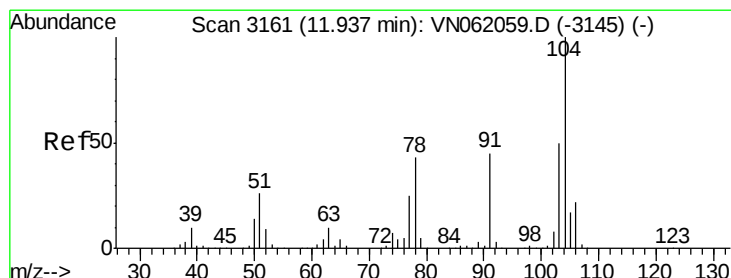
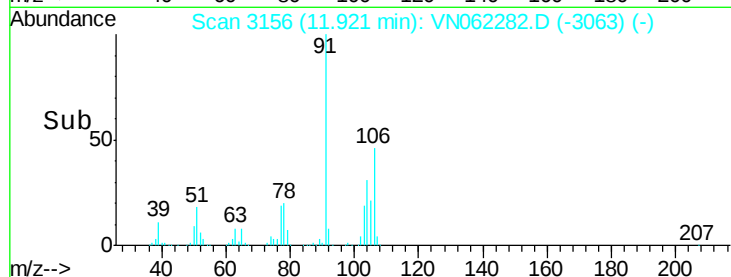
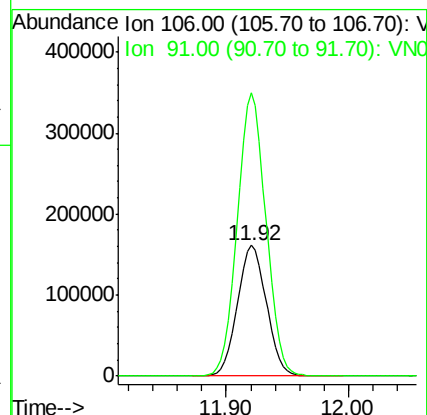
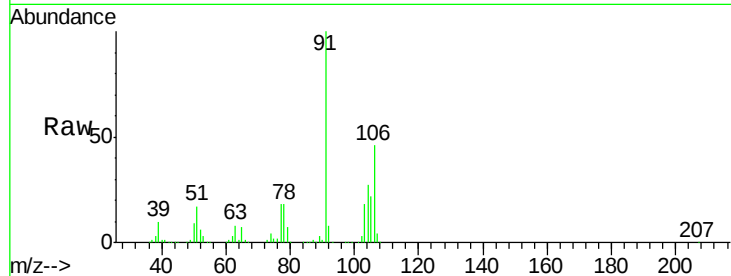




#69
o-Xylene
Concen: 51.840 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

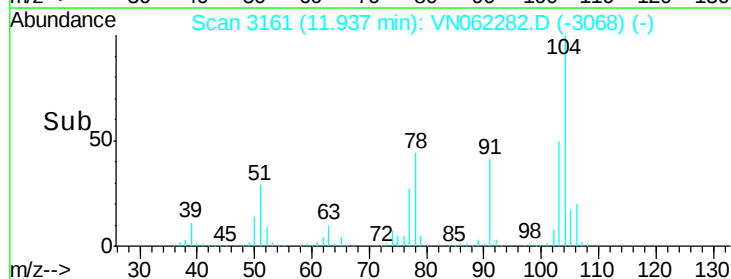
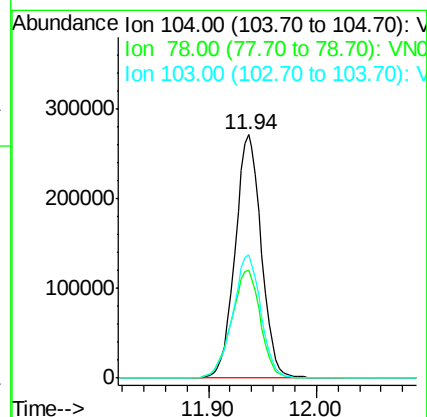
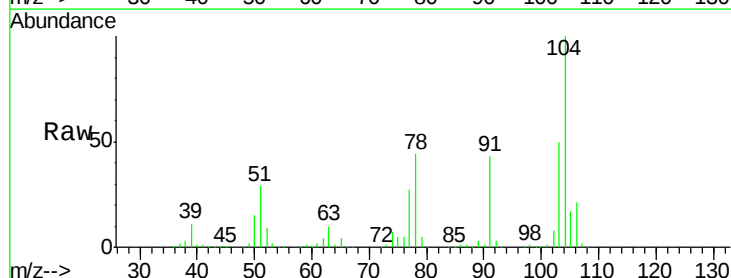
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

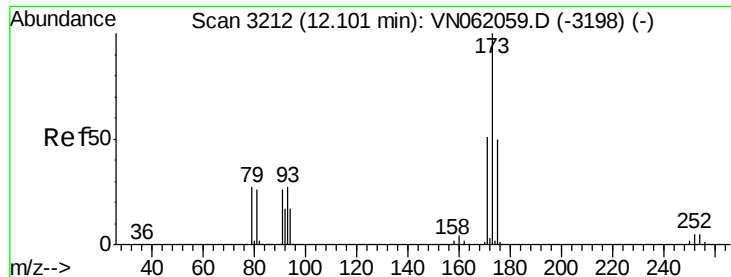
Tgt Ion:106 Resp: 266108
Ion Ratio Lower Upper
106 100
91 213.8 104.0 311.9



#70
Styrene
Concen: 53.612 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Tgt Ion:104 Resp: 458970
Ion Ratio Lower Upper
104 100
78 48.9 37.7 56.5
103 54.3 43.0 64.6





#71

Bromoform

Concen: 49.049 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

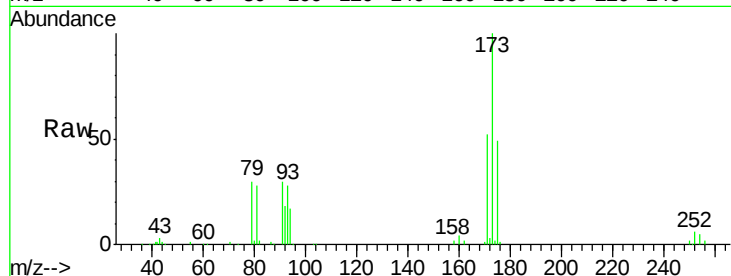
Tgt Ion:173 Resp: 100436

Ion Ratio Lower Upper

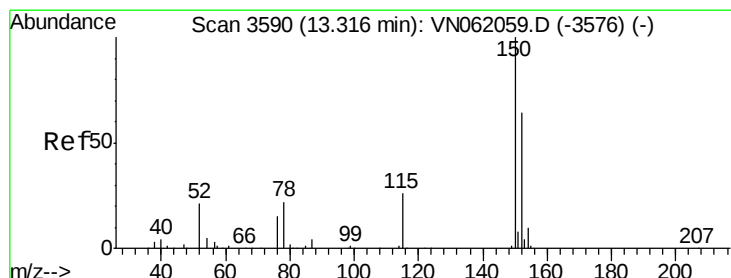
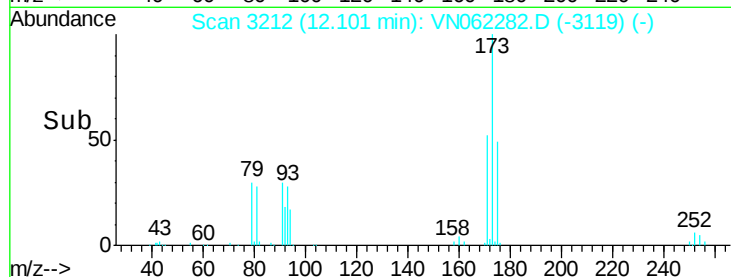
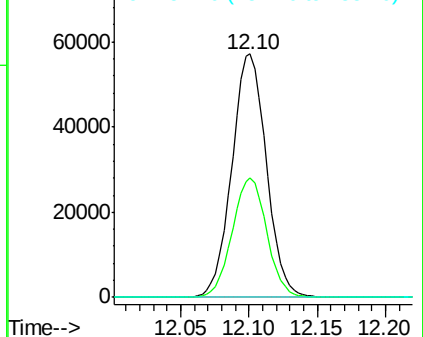
173 100

175 48.8 24.7 74.1

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# 3591

Delta R.T. 0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

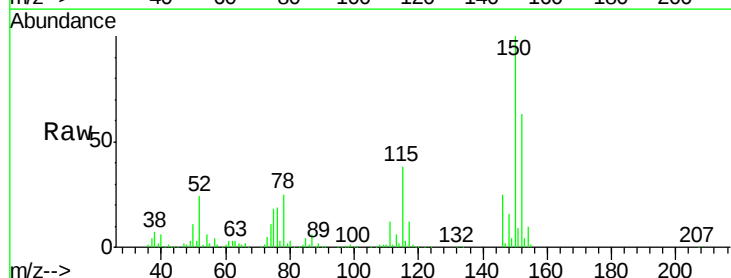
Tgt Ion:152 Resp: 183166

Ion Ratio Lower Upper

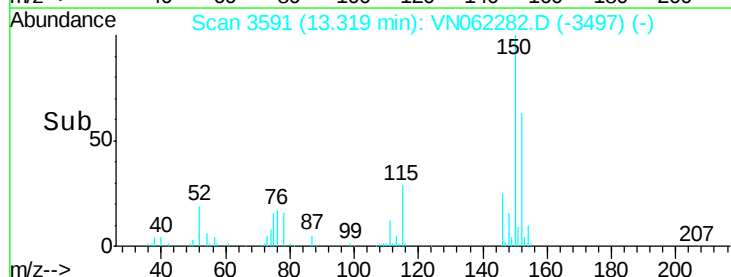
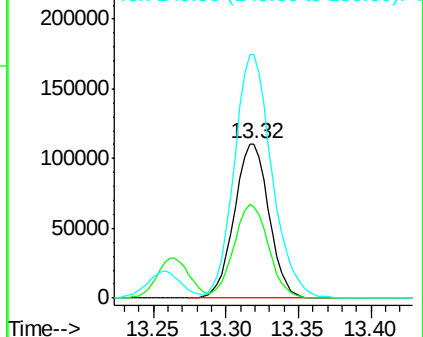
152 100

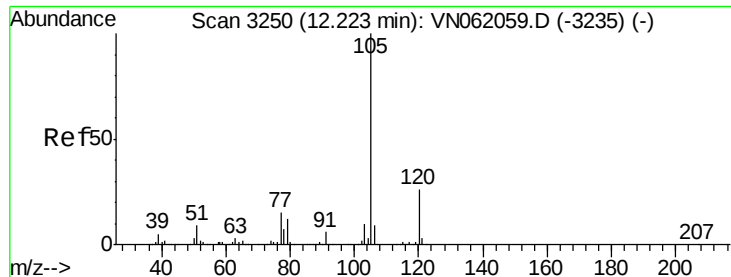
115 60.6 29.5 88.5

150 172.1 0.0 351.4



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: 50.507 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

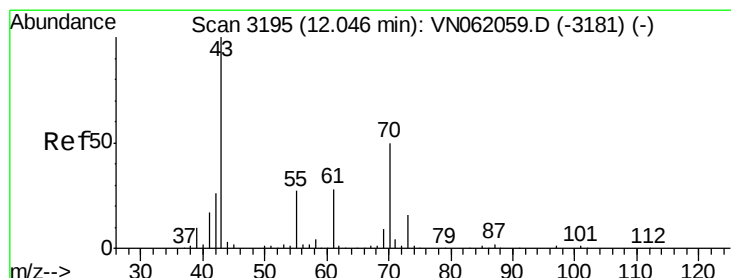
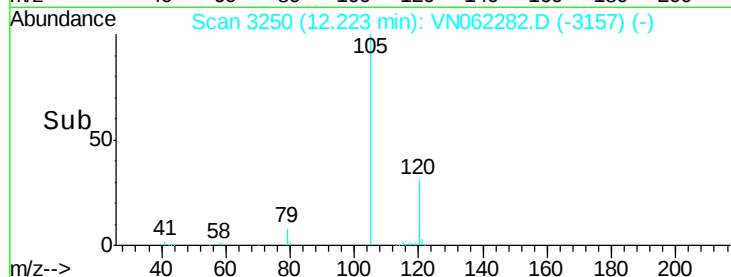
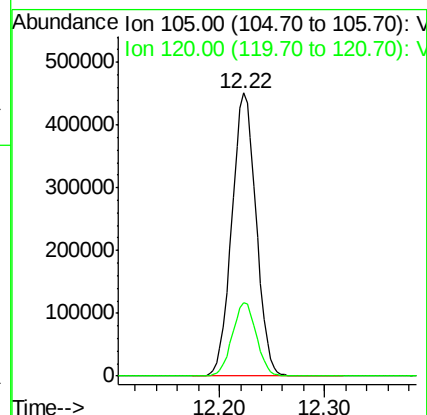
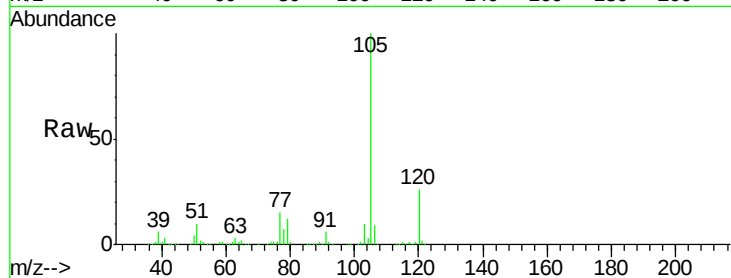
VSTDCCC050

Tgt Ion: 105 Resp: 716109

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.6



#74

N-ethyl acetate

Concen: 51.197 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Tgt Ion: 43 Resp: 267664

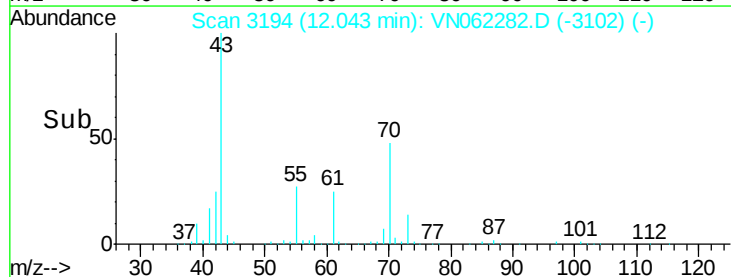
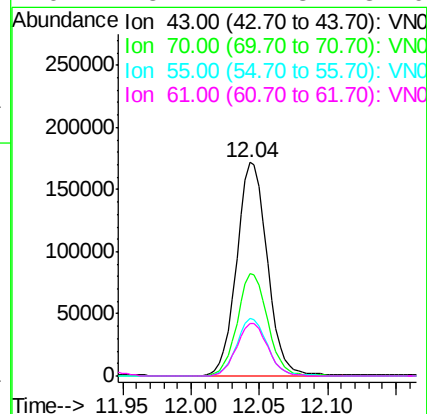
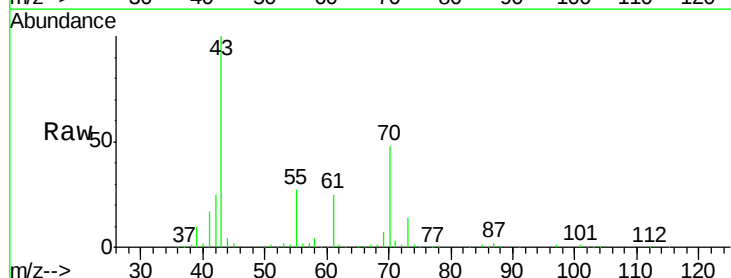
Ion Ratio Lower Upper

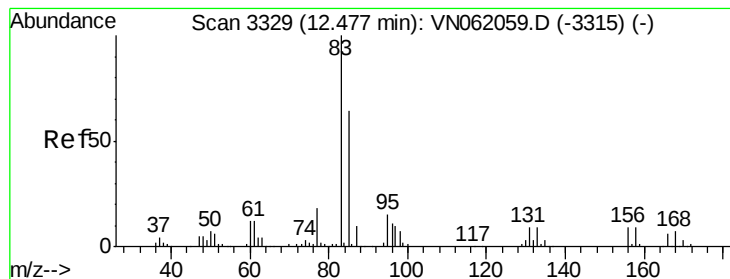
43 100

70 47.9 39.4 59.2

55 27.2 21.7 32.5

61 25.4 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.347 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

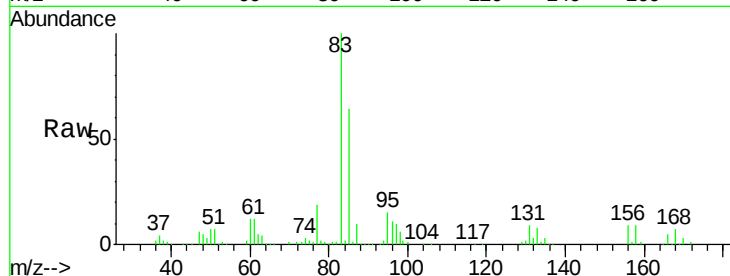
Tgt Ion: 83 Resp: 232834

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.4

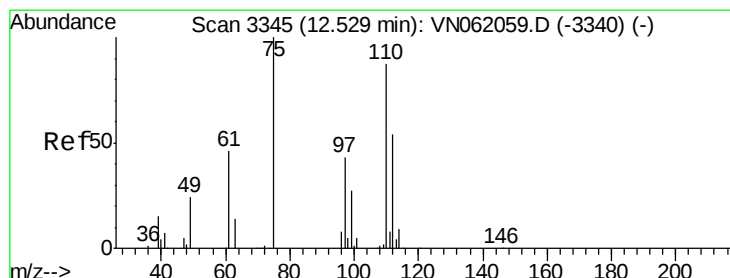
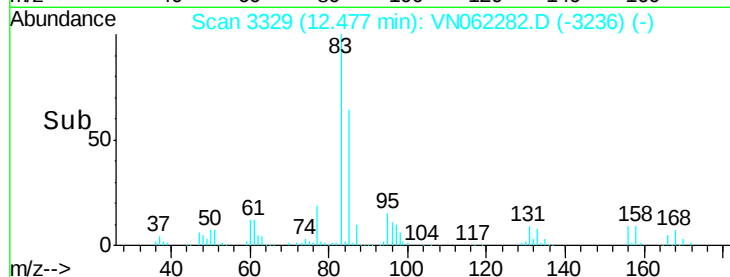
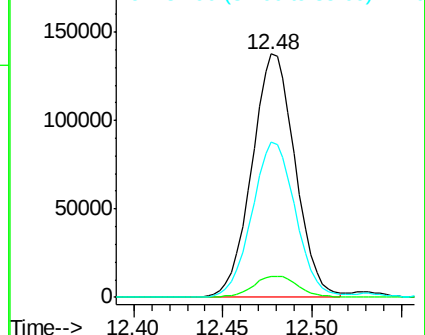
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN062059.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 68.158 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062282.D

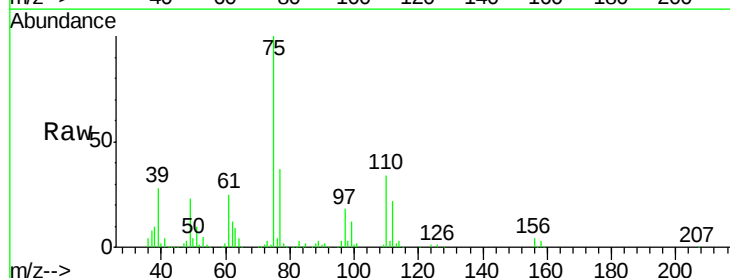
Acq: 1 Jul 2020 10:47

Tgt Ion: 75 Resp: 293890

Ion Ratio Lower Upper

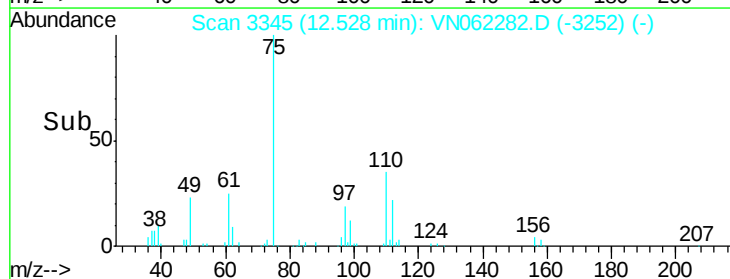
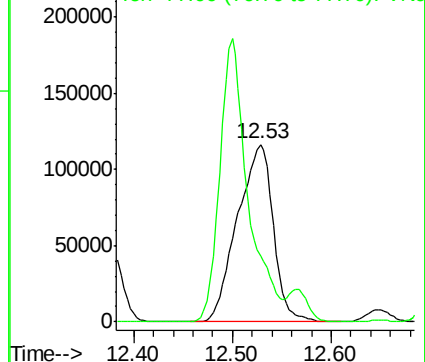
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062059.D (-3340) (-)

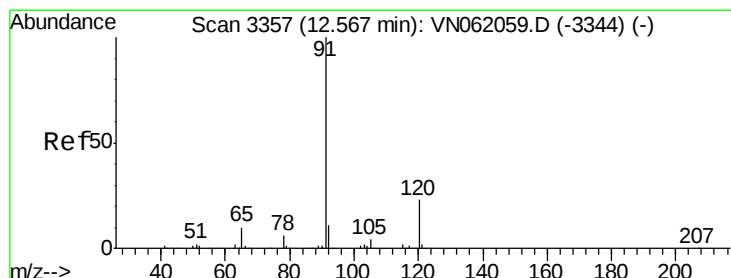
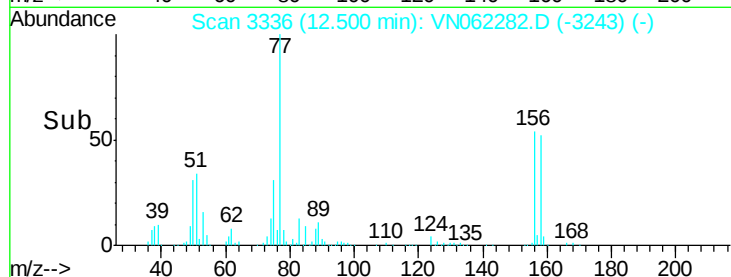
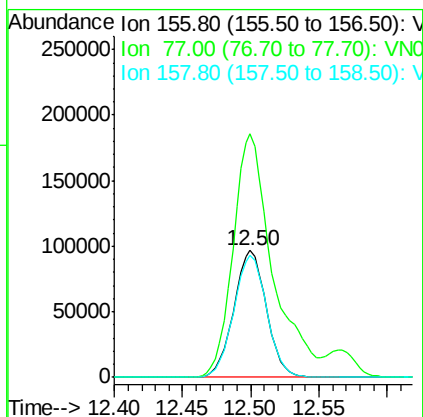
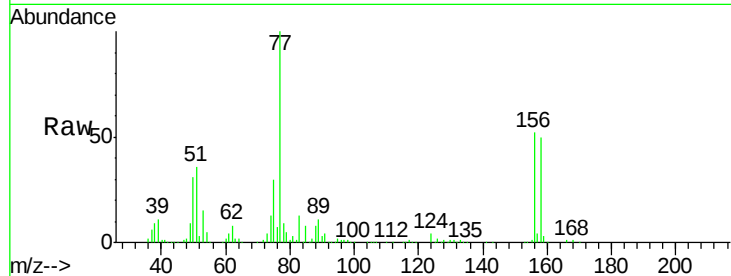




#77
Bromobenzene
Concen: 45.533 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

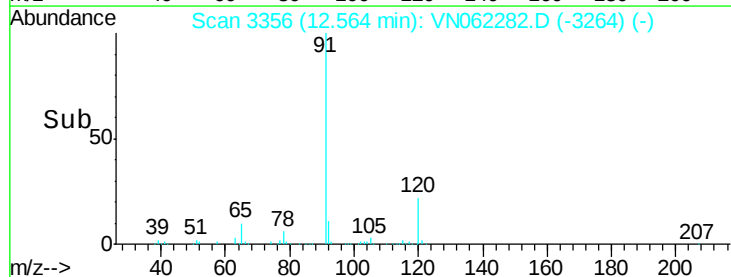
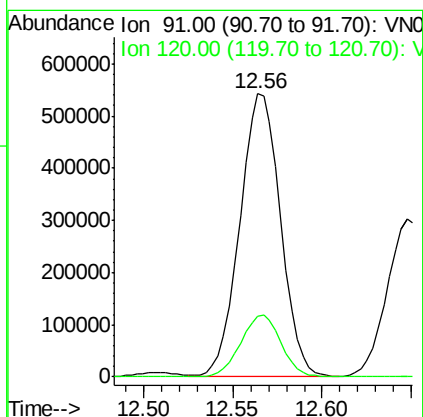
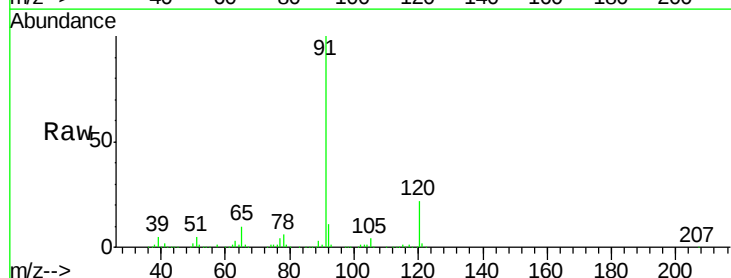
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

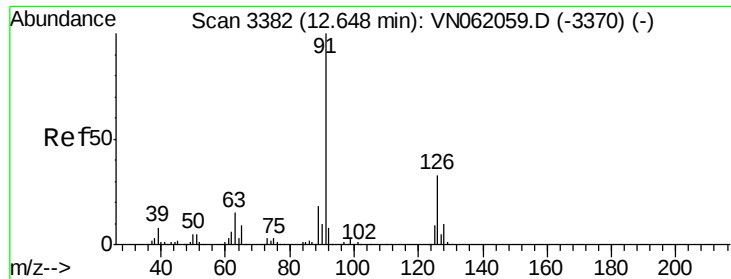
Tgt Ion:156 Resp: 160280
Ion Ratio Lower Upper
156 100
77 232.9 104.6 313.8
158 97.4 48.0 144.0



#78
n-propylbenzene
Concen: 52.763 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Tgt Ion: 91 Resp: 855721
Ion Ratio Lower Upper
91 100
120 21.9 11.4 34.1





#79

2-Chlorotoluene

Concen: 50.520 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

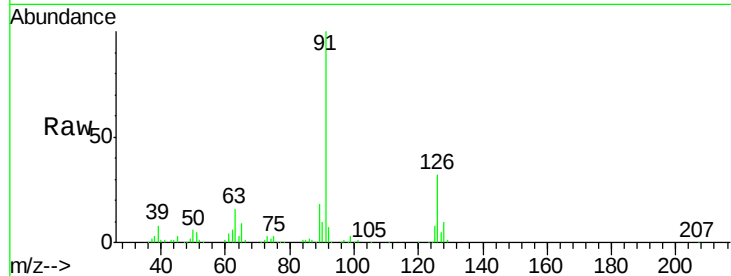
VSTDCCC050

Tgt Ion: 91 Resp: 495325

Ion Ratio Lower Upper

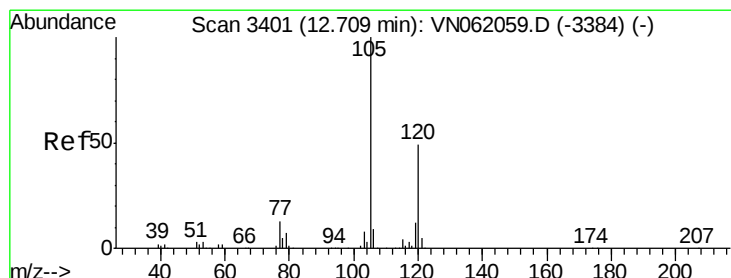
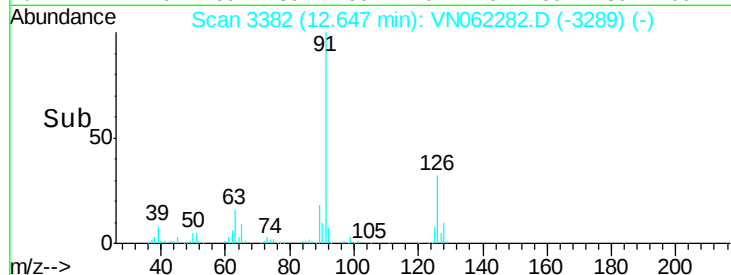
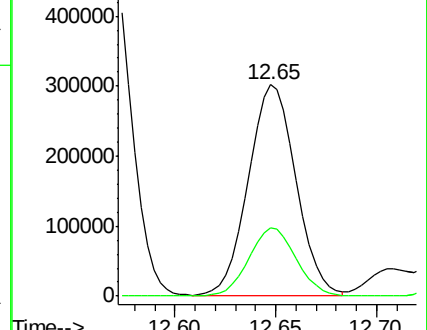
91 100

126 32.4 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.023 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062282.D

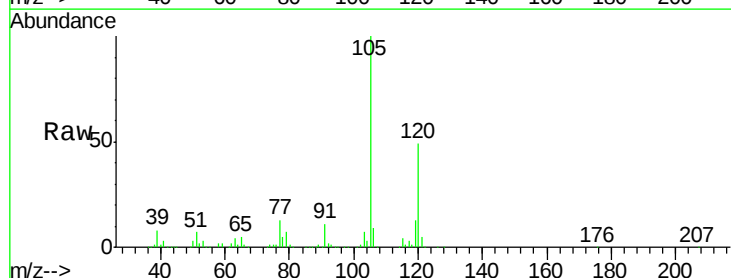
Acq: 1 Jul 2020 10:47

Tgt Ion: 105 Resp: 597946

Ion Ratio Lower Upper

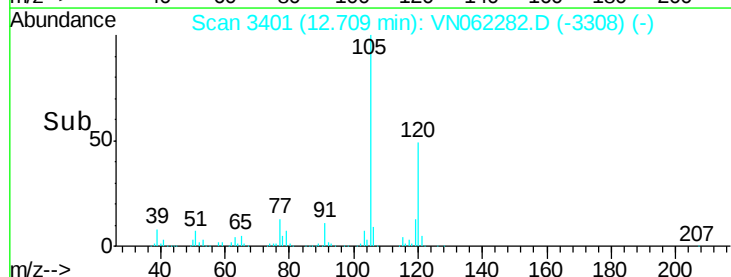
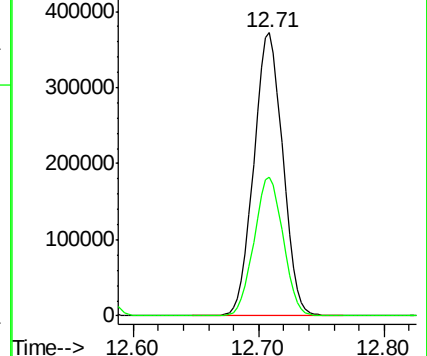
105 100

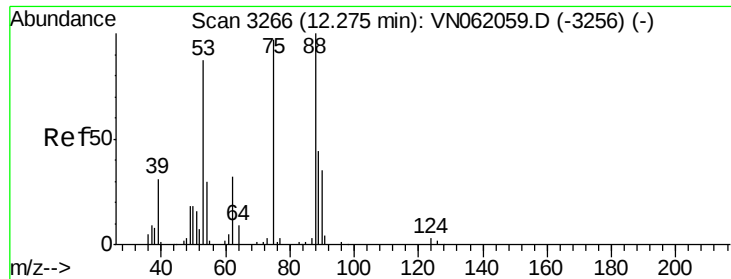
120 49.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.739 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

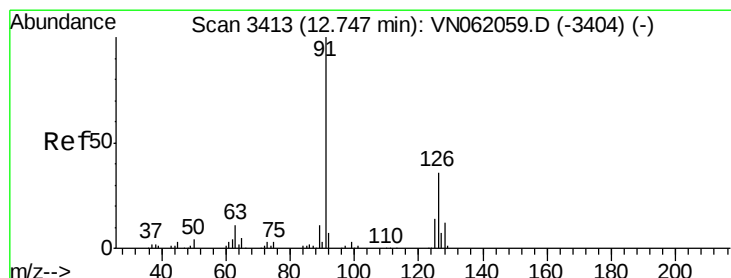
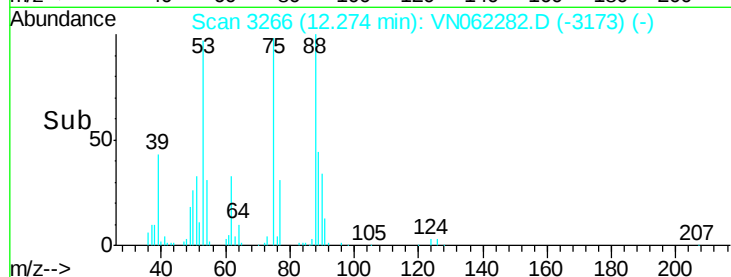
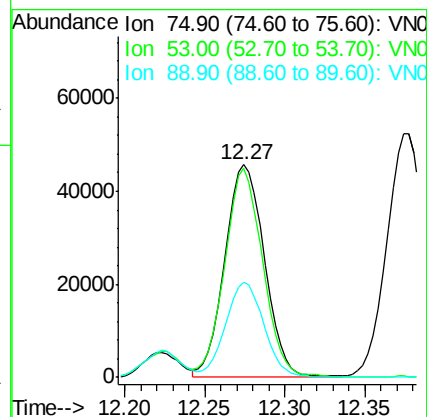
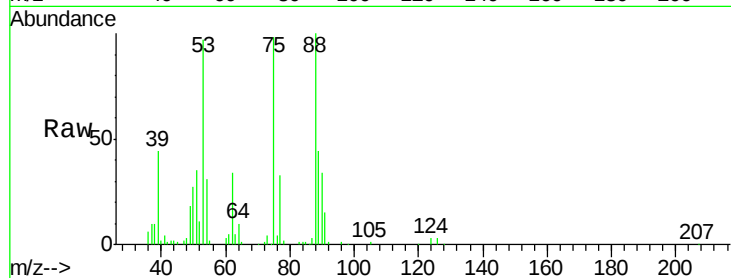
Tgt Ion: 75 Resp: 77868

Ion Ratio Lower Upper

75 100

53 93.9 72.0 108.0

89 43.0 36.9 55.3



#82

4-Chlorotoluene

Concen: 51.638 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062282.D

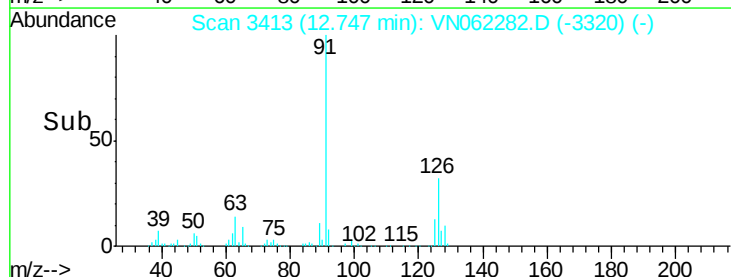
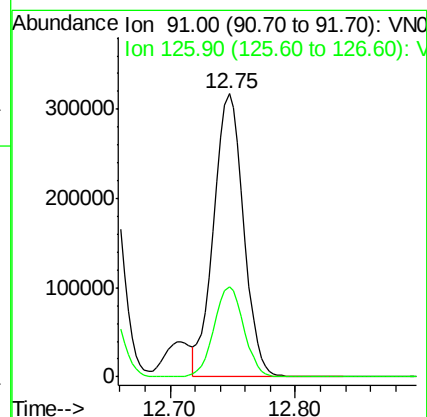
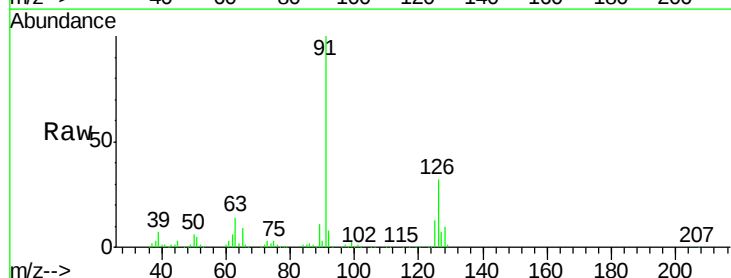
Acq: 1 Jul 2020 10:47

Tgt Ion: 91 Resp: 523558

Ion Ratio Lower Upper

91 100

126 31.9 16.7 50.1

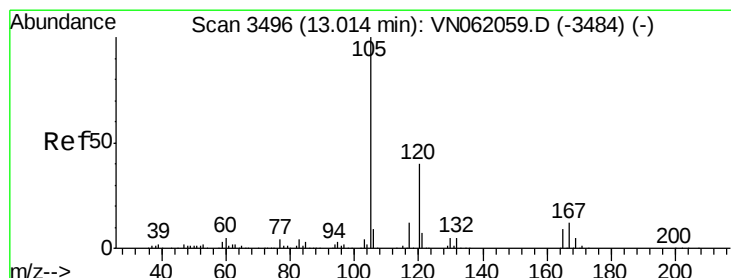
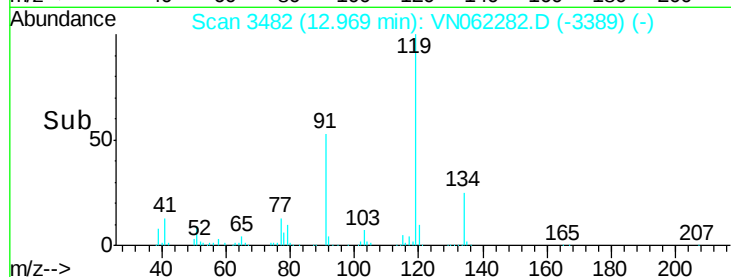
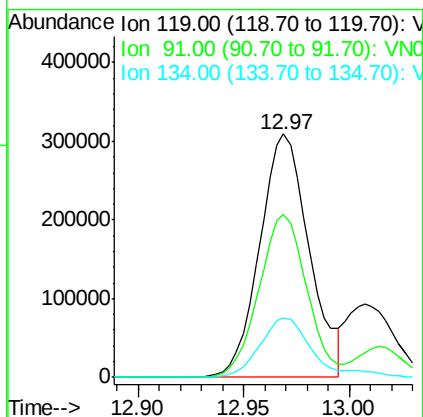
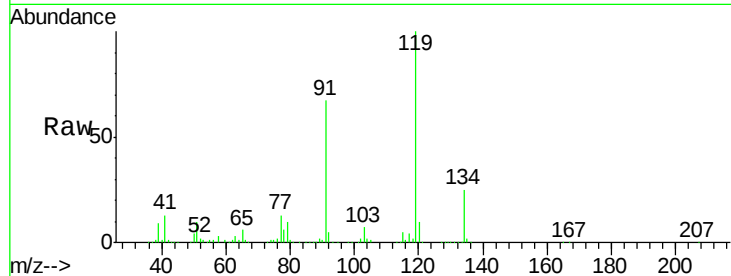




#83
 tert-Butylbenzene
 Concen: 51.356 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

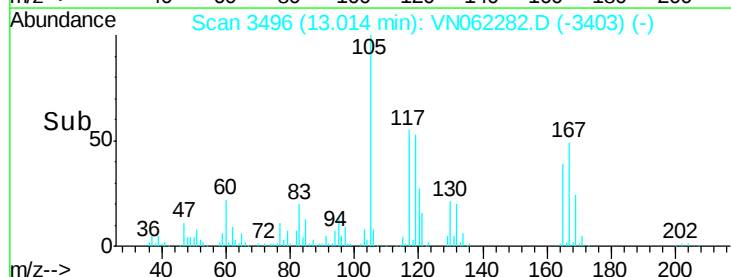
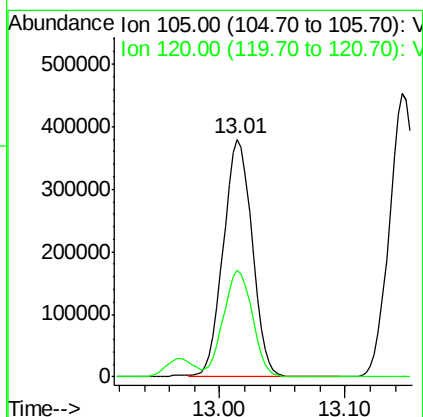
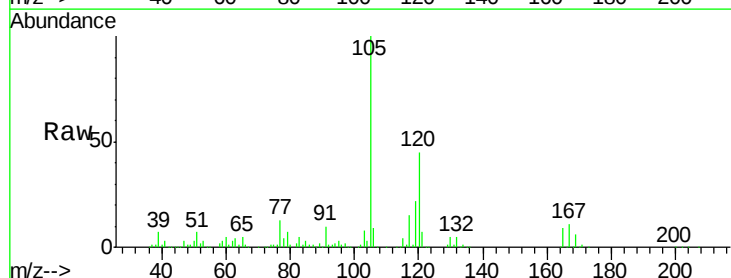
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

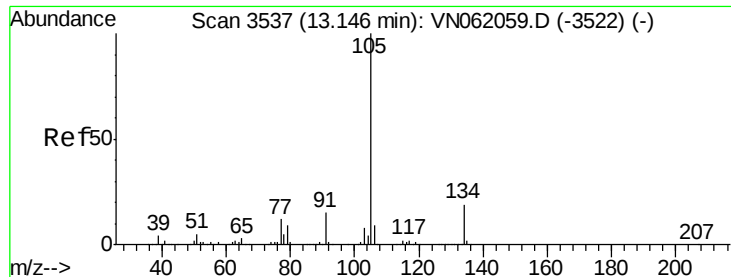
Tgt Ion:119 Resp: 505168
 Ion Ratio Lower Upper
 119 100
 91 65.1 31.7 95.1
 134 26.3 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.654 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Tgt Ion:105 Resp: 604438
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.2 69.5

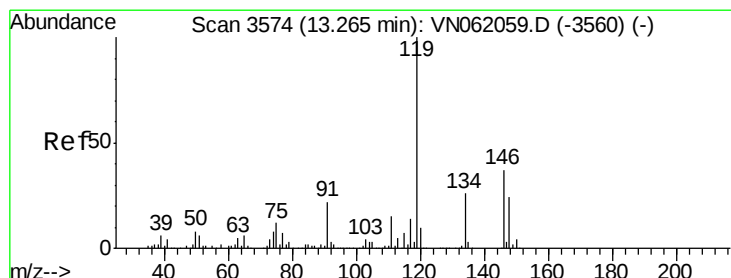
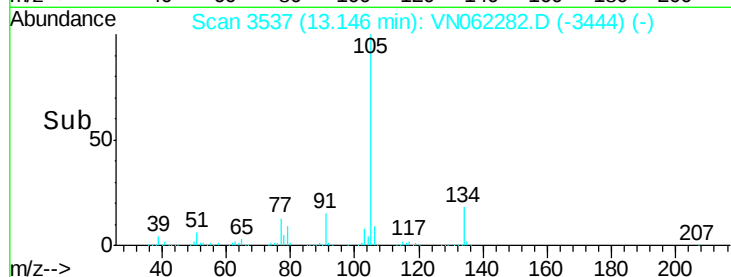
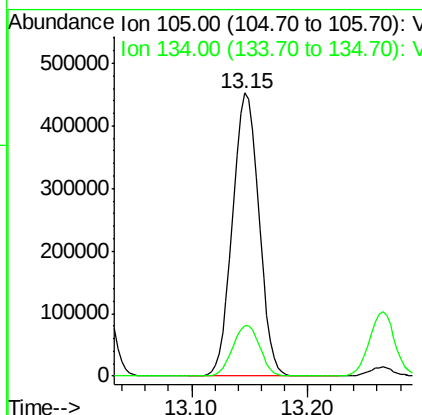
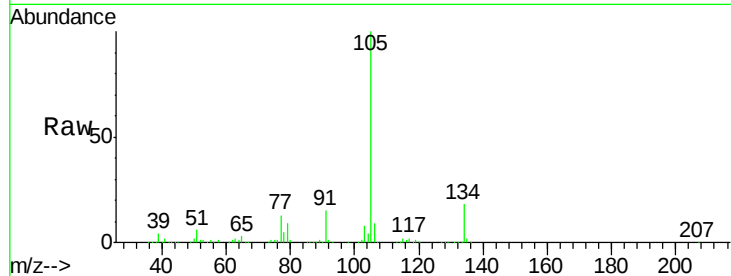




#85
 sec-Butylbenzene
 Concen: 54.681 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

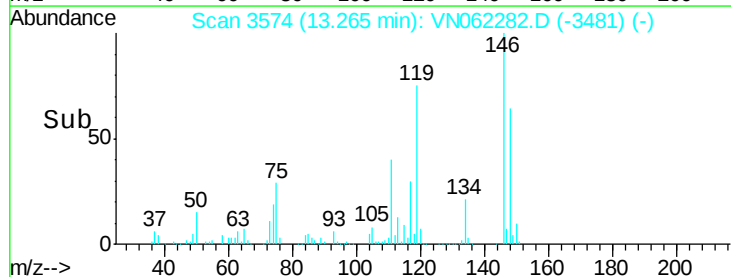
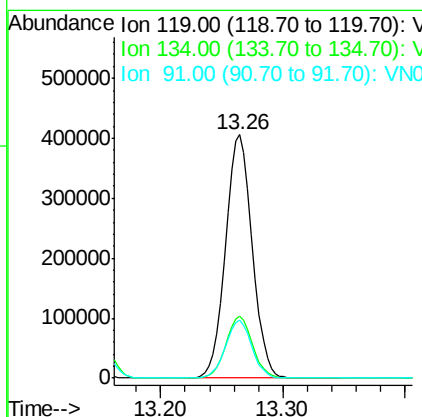
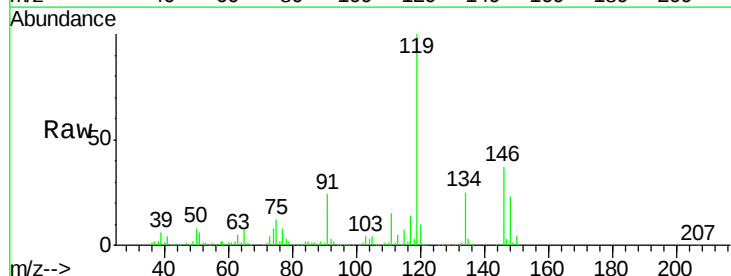
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 710729
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 54.545 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Tgt Ion:119 Resp: 621131
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 23.6 11.3 33.8

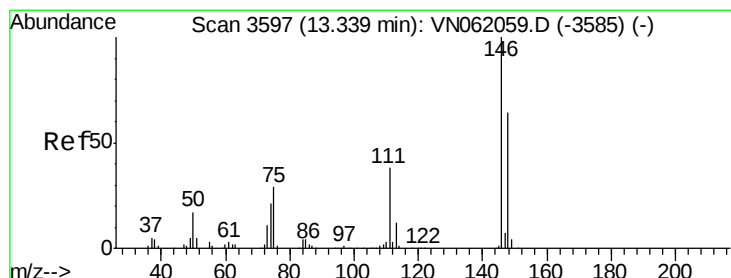
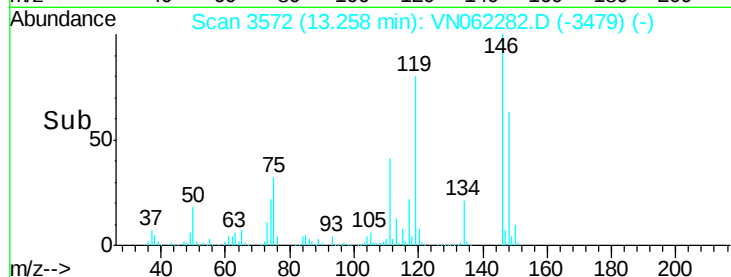
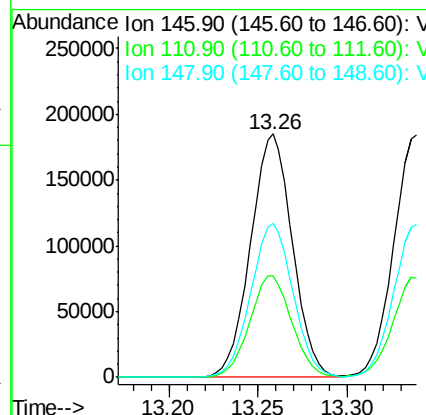
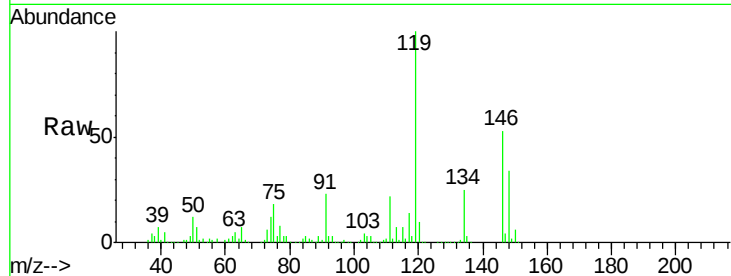




#87
 1,3-Dichlorobenzene
 Concen: 49.180 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

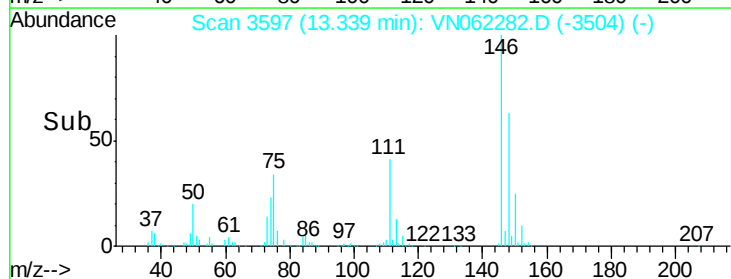
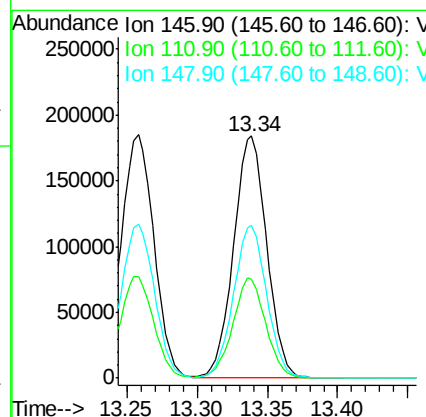
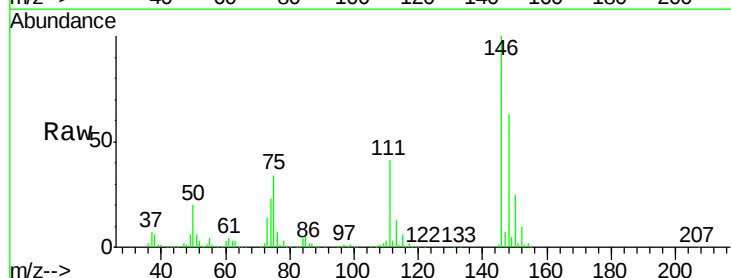
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

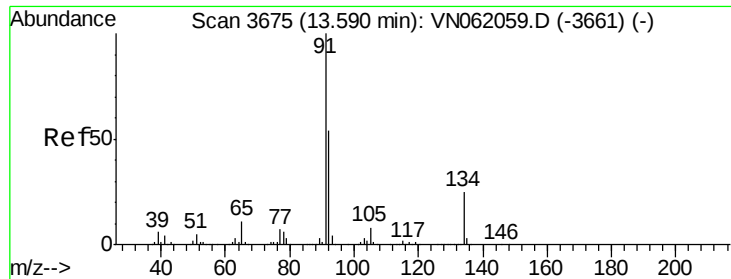
Tgt Ion:146 Resp: 303989
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.3 61.0
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.527 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Tgt Ion:146 Resp: 302828
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.9 59.6
 148 62.9 31.9 95.9





#89

n-Butylbenzene

Concen: 57.103 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062282.D

Acq: 1 Jul 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

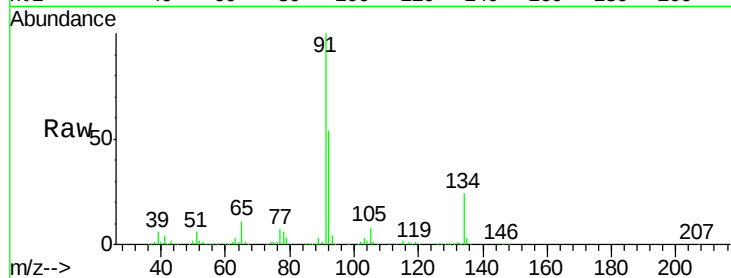
Tgt Ion: 91 Resp: 540616

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 24.0 12.3 36.9

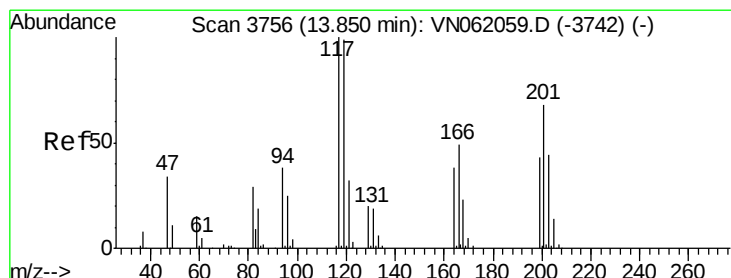
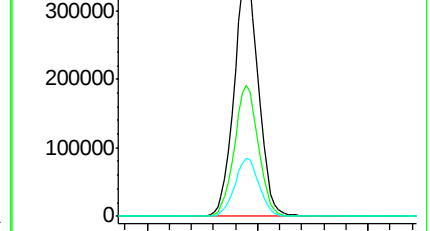
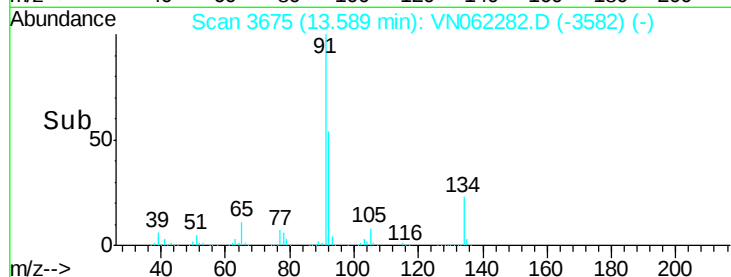


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062059.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062059.D (-3661) (-)

Time-->



#90

Hexachloroethane

Concen: 51.861 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062282.D

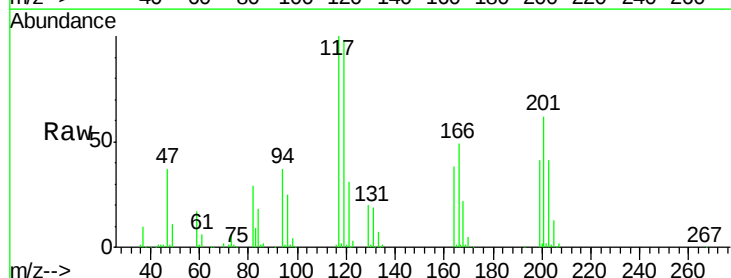
Acq: 1 Jul 2020 10:47

Tgt Ion: 117 Resp: 115868

Ion Ratio Lower Upper

117 100

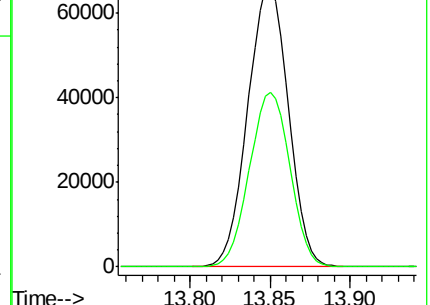
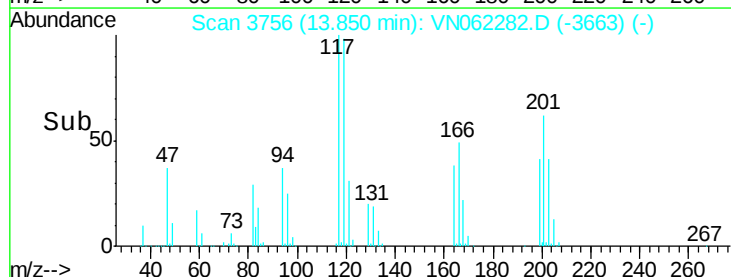
201 61.9 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062059.D (-3742) (-)

Time-->

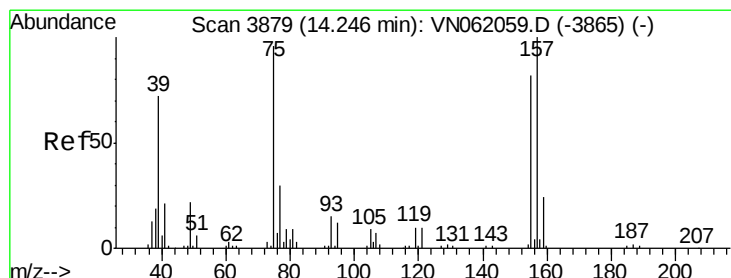
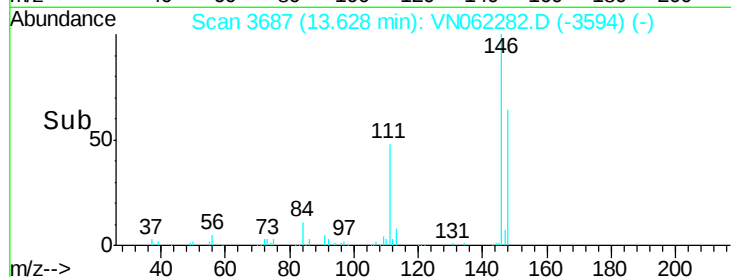
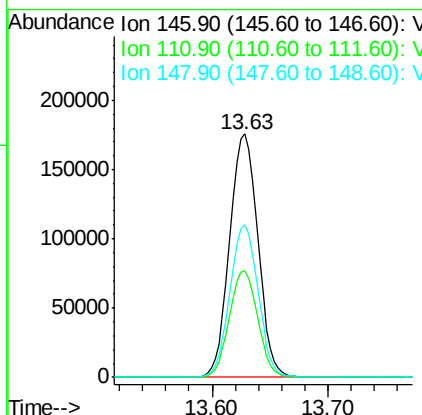
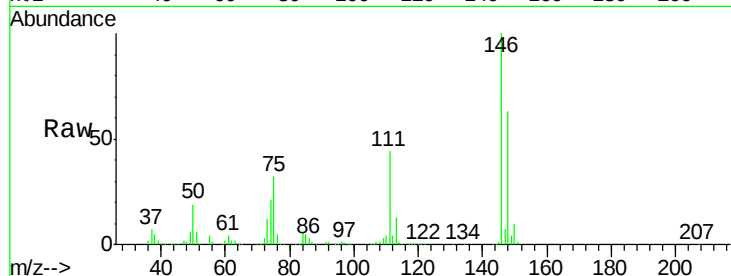




#91
 1,2-Dichlorobenzene
 Concen: 49.479 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

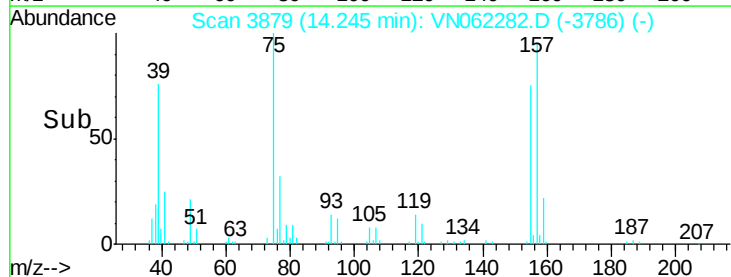
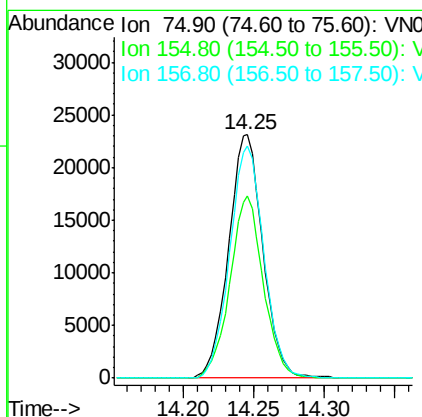
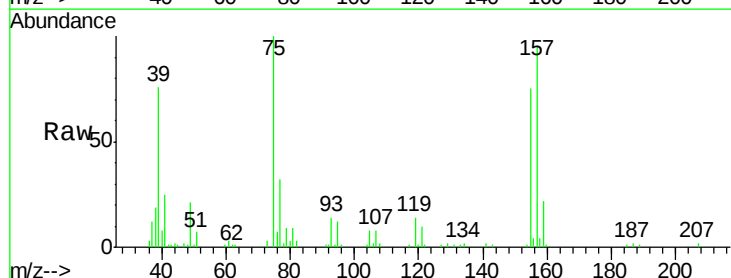
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

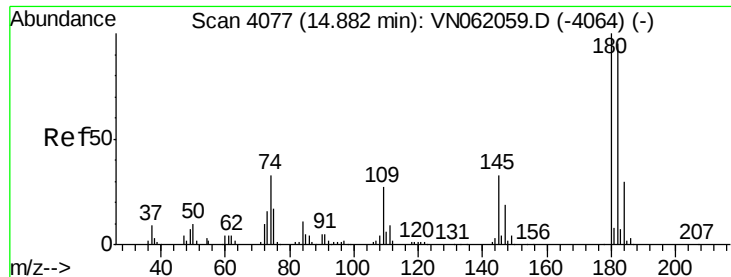
Tgt Ion: 146 Resp: 296575
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.2 63.6
 148 62.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.048 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Tgt Ion: 75 Resp: 39340
 Ion Ratio Lower Upper
 75 100
 155 72.5 40.8 122.4
 157 94.5 51.4 154.3

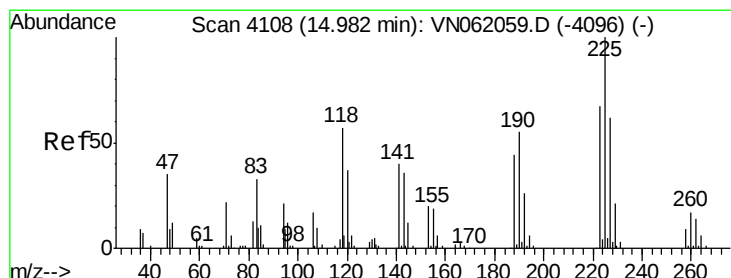
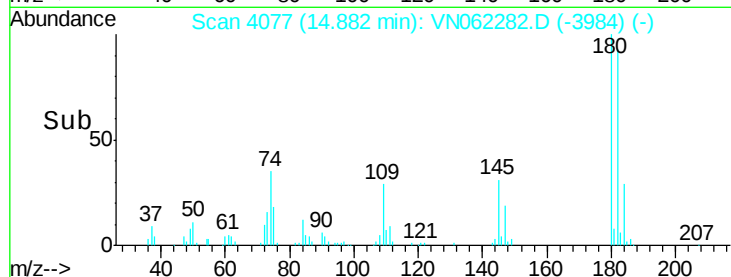
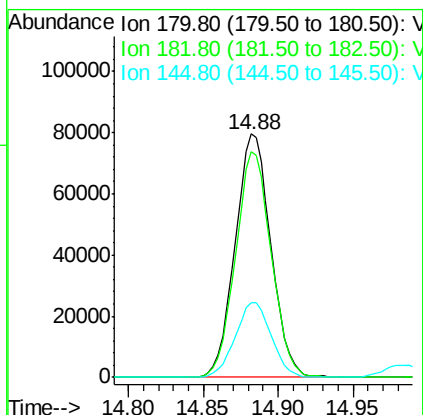
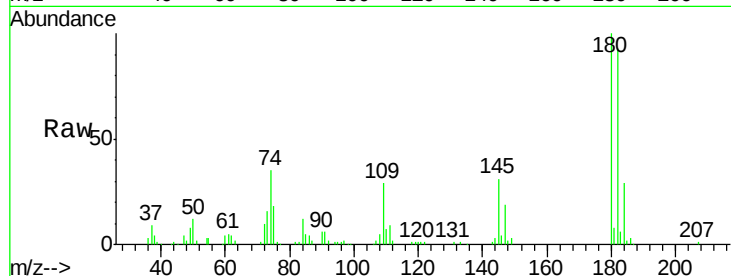




#93
 1,2,4-Trichlorobenzene
 Concen: 50.452 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

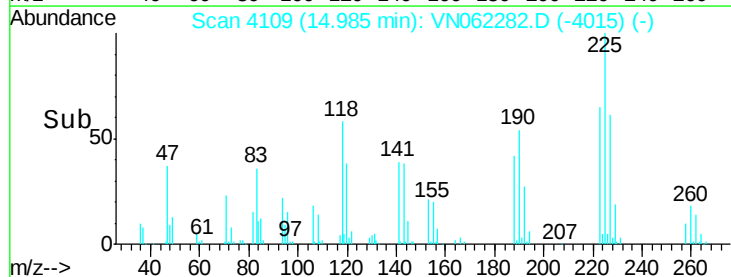
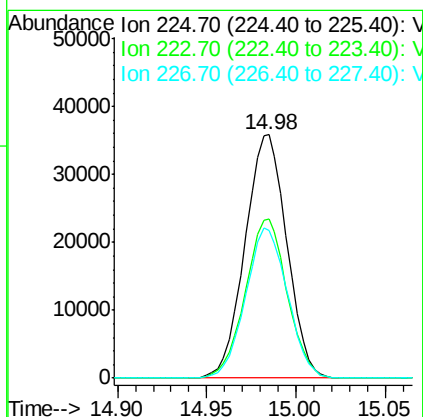
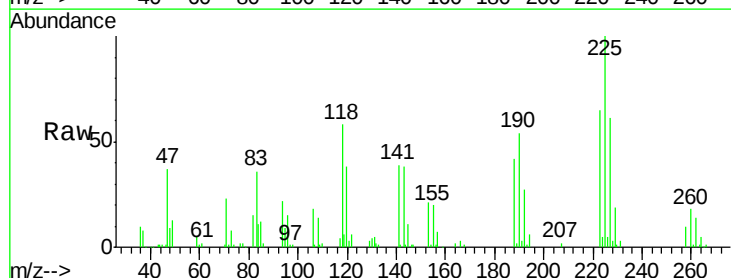
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

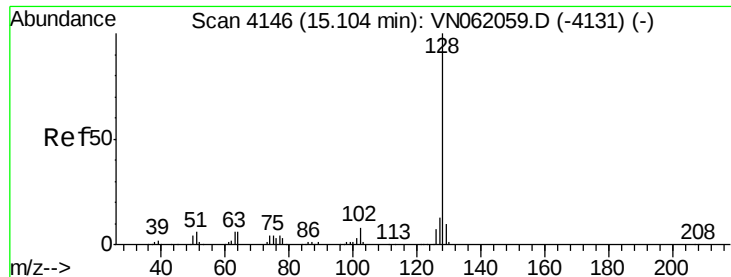
Tgt Ion:180 Resp: 132107
 Ion Ratio Lower Upper
 180 100
 182 92.5 48.0 144.2
 145 31.1 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 51.640 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062282.D
 Acq: 1 Jul 2020 10:47

Tgt Ion:225 Resp: 58729
 Ion Ratio Lower Upper
 225 100
 223 65.4 32.9 98.7
 227 61.7 31.3 93.8

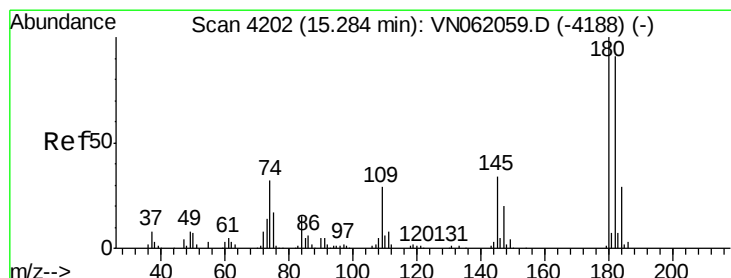
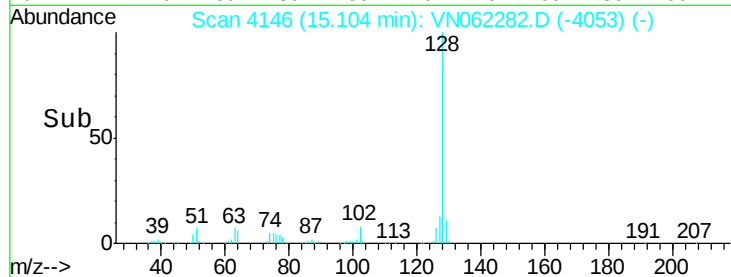
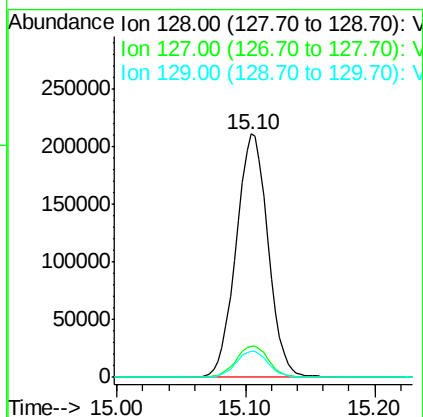
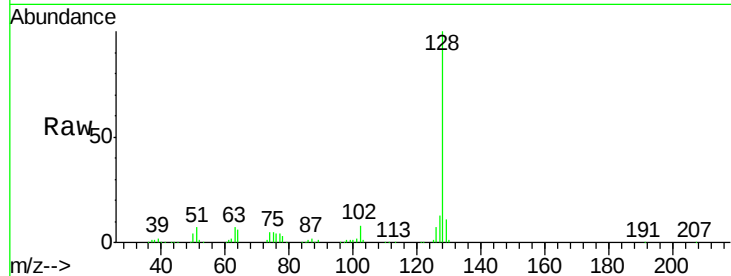




#95
Naphthalene
Concen: 42.365 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 364082
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.501 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062282.D
Acq: 1 Jul 2020 10:47

Tgt Ion:180 Resp: 132535
Ion Ratio Lower Upper
180 100
182 93.6 46.8 140.4
145 34.3 16.4 49.2

