

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062336.D
 Acq On : 2 Jul 2020 16:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 00:32:44 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	168825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	310373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144642	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	129257	54.56	ug/l	0.00
Spiked Amount			Recovery	=	109.12%	
35) Dibromofluoromethane	7.55	113	97111	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
50) Toluene-d8	10.06	98	399544	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.37	95	141948	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	83582	43.800	ug/l	97
3) Chloromethane	2.03	50	113638	50.599	ug/l	100
4) Vinyl Chloride	2.16	62	128729	42.836	ug/l	98
5) Bromomethane	2.52	94	83966	43.232	ug/l	94
6) Chloroethane	2.66	64	87219	42.487	ug/l	100
7) Trichlorofluoromethane	2.98	101	157950	42.655	ug/l	97
8) Diethyl Ether	3.37	74	69207	53.524	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	94257	48.608	ug/l	97
10) Methyl Iodide	3.91	142	113006	51.746	ug/l	99
11) Tert butyl alcohol	4.73	59	91079	267.752	ug/l	100
12) 1,1-Dichloroethene	3.69	96	93866	48.422	ug/l	94
13) Acrolein	3.56	56	63460	190.548	ug/l	97
14) Allyl chloride	4.27	41	150223	56.918	ug/l	98
15) Acrylonitrile	4.92	53	261440	282.042	ug/l	99
16) Acetone	3.77	43	272490	368.339	ug/l	96
17) Carbon Disulfide	4.00	76	257968	46.464	ug/l	100
18) Methyl Acetate	4.27	43	110725	58.791	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	342968	55.368	ug/l	98
20) Methylene Chloride	4.50	84	118007	54.277	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	104246	47.205	ug/l	92
22) Diisopropyl ether	5.90	45	352910	58.727	ug/l	98
23) Vinyl Acetate	5.84	43	1465351	298.667	ug/l	97
24) 1,1-Dichloroethane	5.79	63	207433	53.605	ug/l	98
25) 2-Butanone	6.78	43	353459	305.226	ug/l	95
26) 2,2-Dichloropropane	6.77	77	177329	54.992	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	128112	51.555	ug/l	95
28) Bromochloromethane	7.15	49	93439	55.652	ug/l	90
29) Tetrahydrofuran	7.16	42	220477	290.651	ug/l	96
30) Chloroform	7.32	83	207390	52.676	ug/l	98
31) Cyclohexane	7.61	56	170536	52.100	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	168207	50.661	ug/l	97
36) 1,1-Dichloropropene	7.75	75	155561	49.864	ug/l	98
37) Ethyl Acetate	6.88	43	143514	55.555	ug/l	97
38) Carbon Tetrachloride	7.73	117	136714	46.482	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	174537	51.061	ug/l	97
40) Benzene	8.00	78	475074	49.962	ug/l	98
41) Methacrylonitrile	7.13	41	69384	57.935	ug/l	89
42) 1,2-Dichloroethane	8.08	62	168191	52.353	ug/l	98
43) Isopropyl Acetate	8.12	43	237179	56.321	ug/l #	90
44) Trichloroethene	8.80	130	110500	46.068	ug/l	96
45) 1,2-Dichloropropane	9.08	63	125276	53.403	ug/l	99
46) Dibromomethane	9.17	93	79010	49.676	ug/l	96
47) Bromodichloromethane	9.37	83	167623	52.195	ug/l	99
48) Methyl methacrylate	9.17	41	113394	60.055	ug/l	91
49) 1,4-Dioxane	9.16	88	43659	1042.661	ug/l #	93
51) 4-Methyl-2-Pentanone	9.95	43	720243	292.732	ug/l	97
52) Toluene	10.12	92	298919	51.522	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	190629	53.954	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	206348	54.857	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	117882	51.688	ug/l	97
56) Ethyl methacrylate	10.40	69	176011	57.830	ug/l	96
57) 1,3-Dichloropropane	10.68	76	208091	53.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	308052	238.517	ug/l	97
59) 2-Hexanone	10.72	43	541706	304.901	ug/l	98
60) Dibromochloromethane	10.87	129	123136	50.998	ug/l	99
61) 1,2-Dibromoethane	10.98	107	117790	50.265	ug/l	100
64) Tetrachloroethene	10.60	164	86567	43.484	ug/l	97
65) Chlorobenzene	11.40	112	312918	48.894	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	110177	49.785	ug/l	99
67) Ethyl Benzene	11.48	91	575756	53.267	ug/l	99
68) m/p-Xylenes	11.60	106	433582	103.712	ug/l	96
69) o-Xylene	11.92	106	205540	52.108	ug/l	94
70) Styrene	11.94	104	362294	55.073	ug/l	99
71) Bromoform	12.10	173	80175	50.954	ug/l #	97
73) Isopropylbenzene	12.22	105	564039	50.377	ug/l	99
74) N-amyl acetate	12.04	43	210550	51.012	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	179134	48.078	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	229120	67.289	ug/l #	100
77) Bromobenzene	12.50	156	126069	45.353	ug/l	90
78) n-propylbenzene	12.56	91	671600	52.440	ug/l	98
79) 2-Chlorotoluene	12.65	91	388279	50.149	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	473751	52.196	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	62123	53.281	ug/l	97
82) 4-Chlorotoluene	12.75	91	414731	51.799	ug/l	97
83) tert-Butylbenzene	12.97	119	383834	49.414	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	470826	51.939	ug/l	99
85) sec-Butylbenzene	13.15	105	545793	53.176	ug/l	99
86) p-Isopropyltoluene	13.26	119	484087	53.832	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	242548	49.691	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	238591	47.419	ug/l	99
89) n-Butylbenzene	13.59	91	424528	56.784	ug/l	99
90) Hexachloroethane	13.85	117	89123	50.514	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	231759	48.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30569	51.215	ug/l	93

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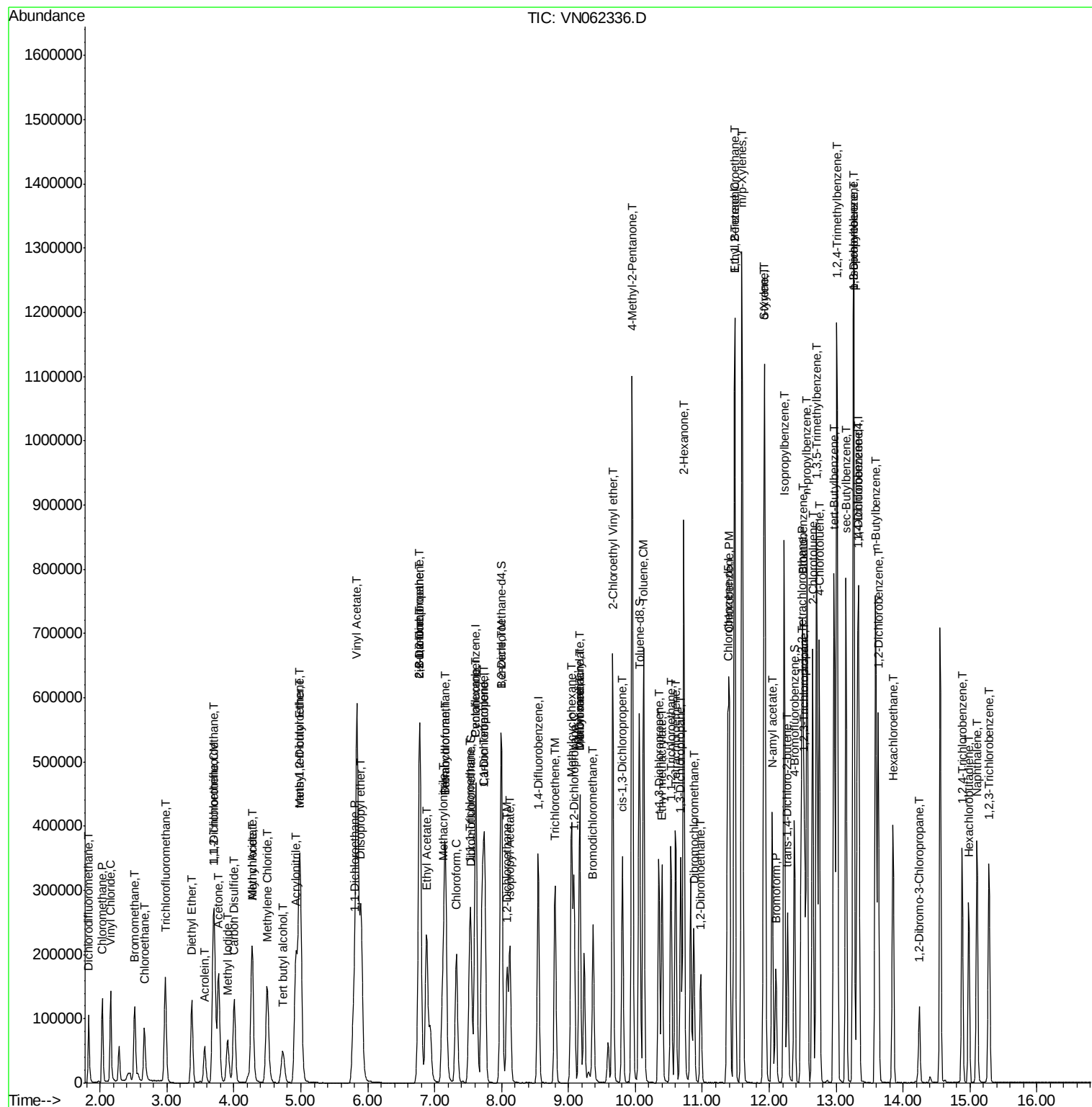
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	107028	51.760	ug/l	100
94) Hexachlorobutadiene	14.98	225	46525	51.804	ug/l	98
95) Naphthalene	15.10	128	310174	45.390	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	108758	51.439	ug/l	100

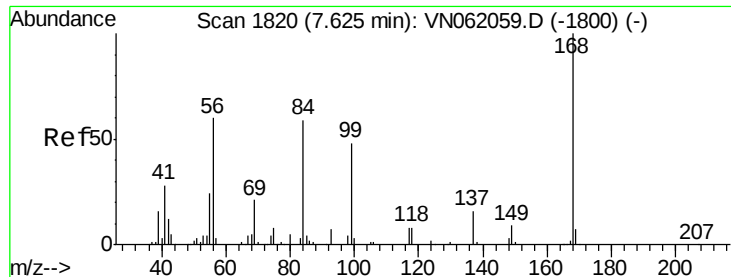
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

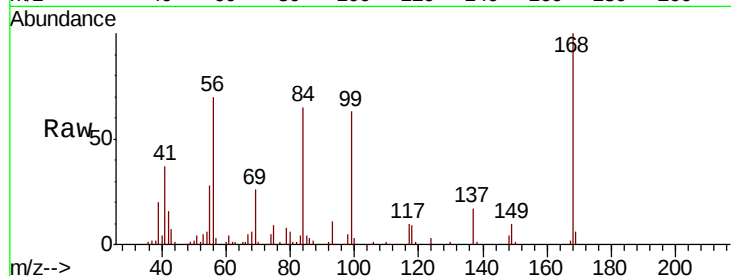
ClientSampled :

Tot Ion:168 Resp: 168825

Ion Ratio Lower Upper

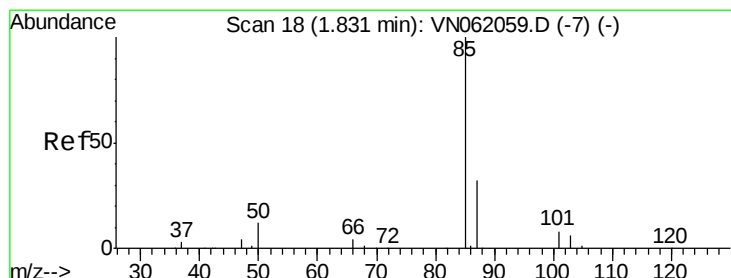
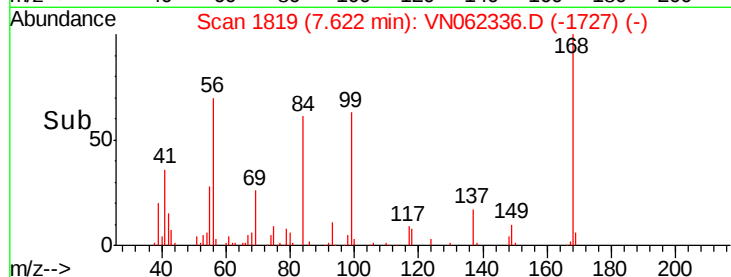
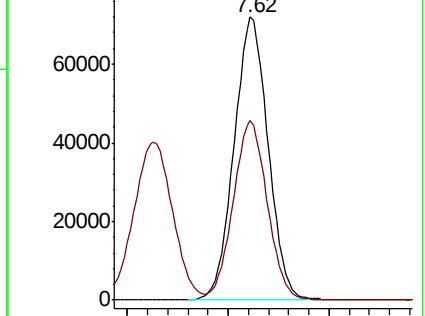
168 100

99 63.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 43.800 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062336.D

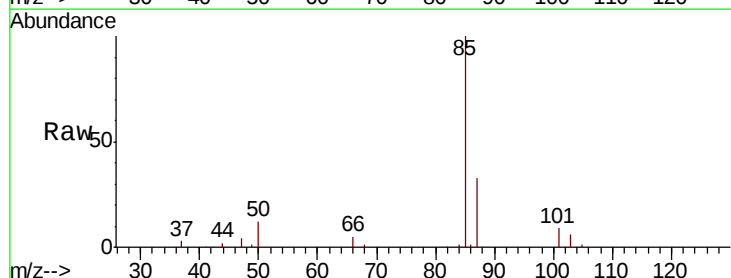
Acq: 2 Jul 2020 16:21

Tgt Ion: 85 Resp: 83582

Ion Ratio Lower Upper

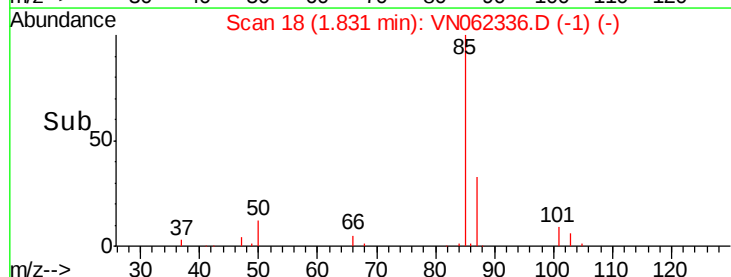
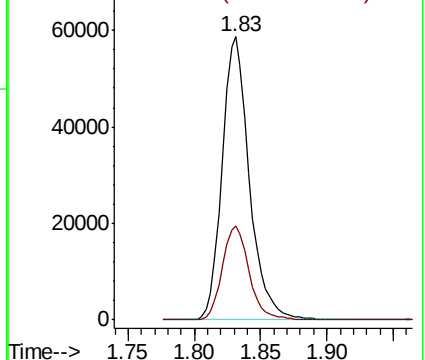
85 100

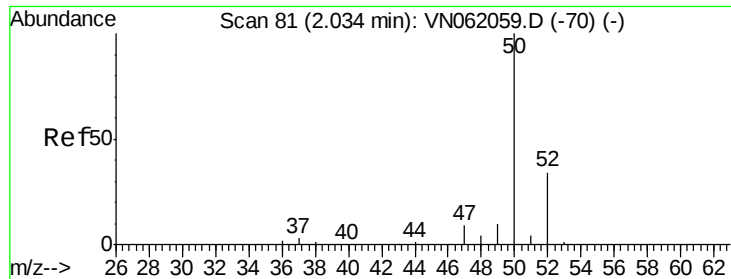
87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 50.599 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

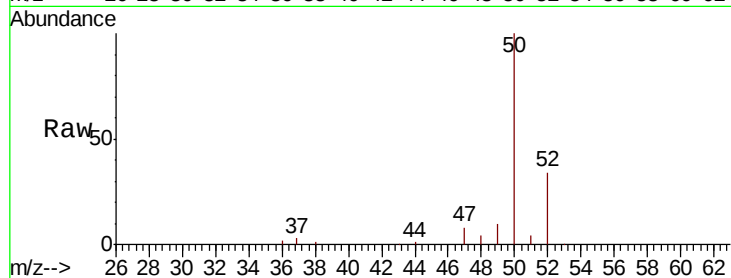
ClientSampled :

Tot Ion: 50 Resp: 113638

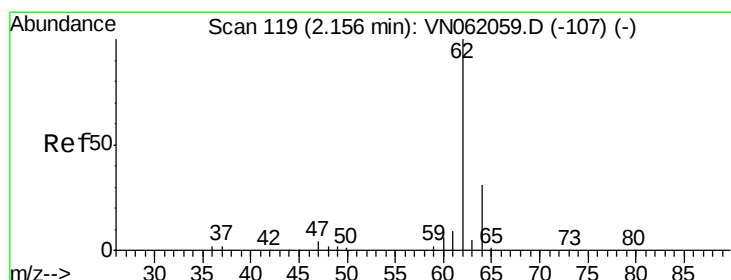
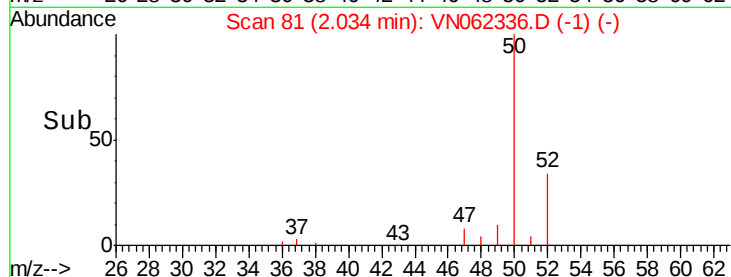
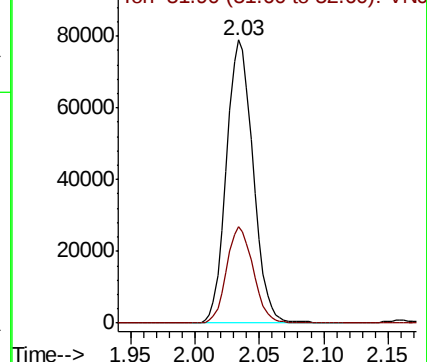
Ion Ratio Lower Upper

50 100

52 34.0 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 42.836 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062336.D

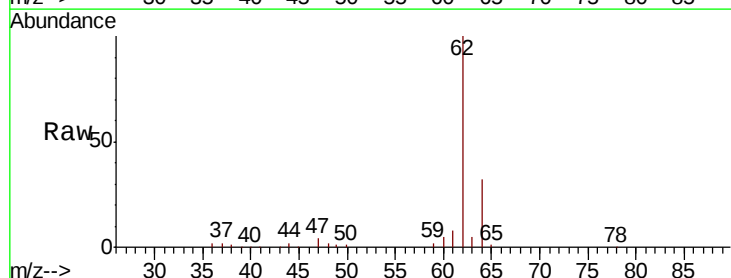
Acq: 2 Jul 2020 16:21

Tgt Ion: 62 Resp: 128729

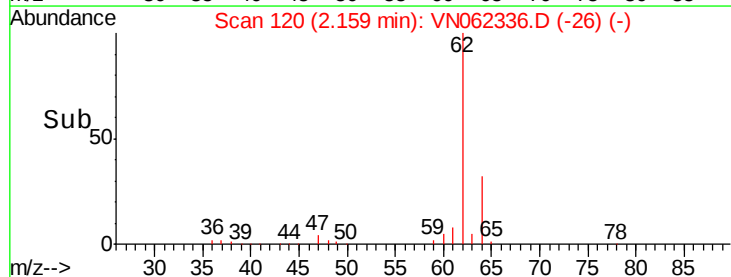
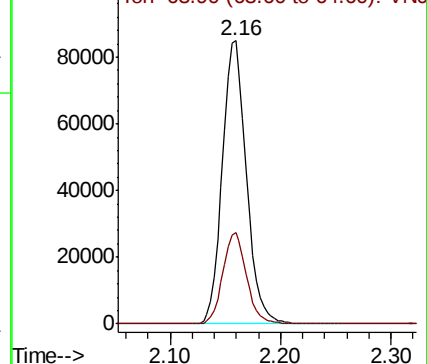
Ion Ratio Lower Upper

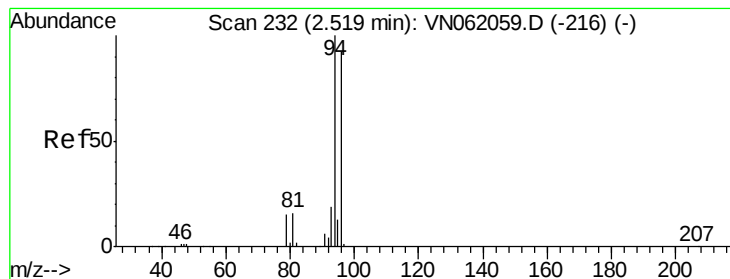
62 100

64 32.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 43.232 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

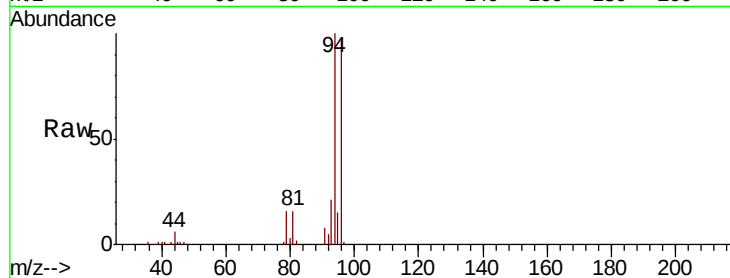
ClientSampled :

Tot Ion: 94 Resp: 83966

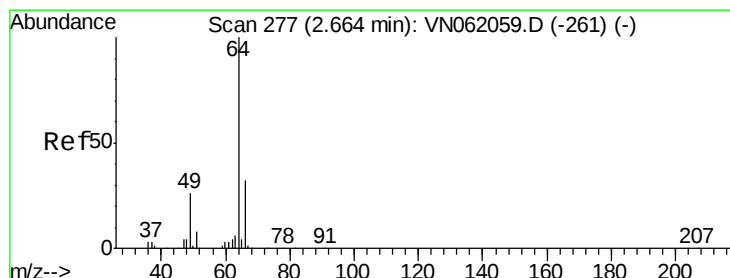
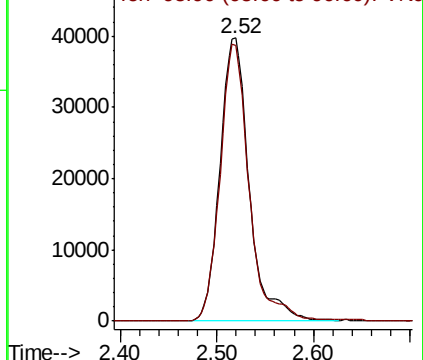
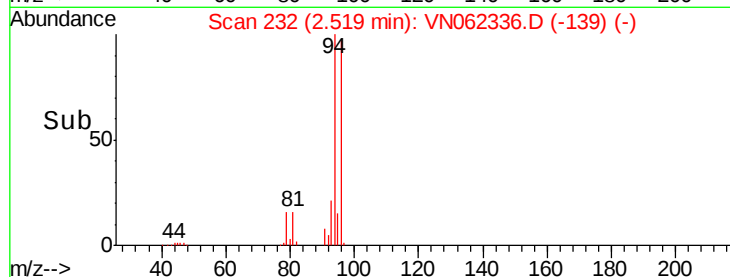
Ion Ratio Lower Upper

94 100

96 97.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062336.D (-139) (-)



#6

Chloroethane

Concen: 42.487 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062336.D

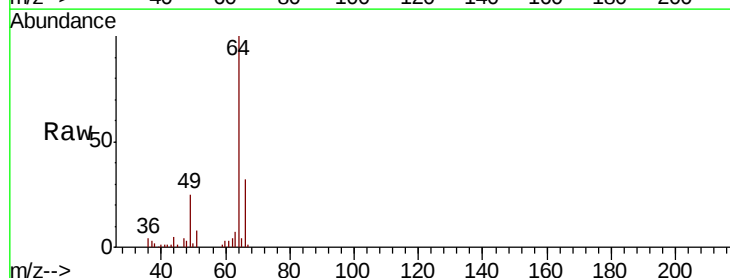
Acq: 2 Jul 2020 16:21

Tgt Ion: 64 Resp: 87219

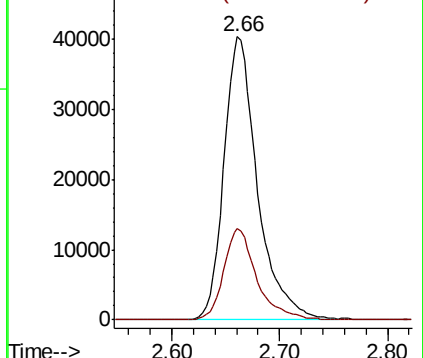
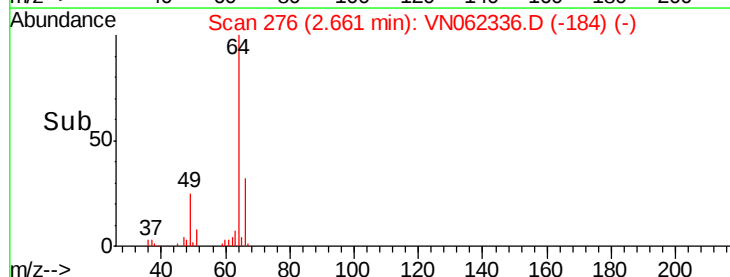
Ion Ratio Lower Upper

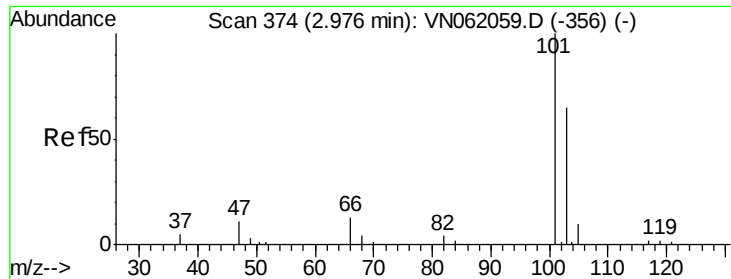
64 100

66 32.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062336.D (-184) (-)



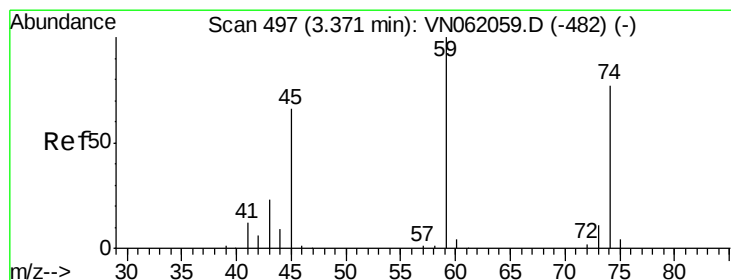
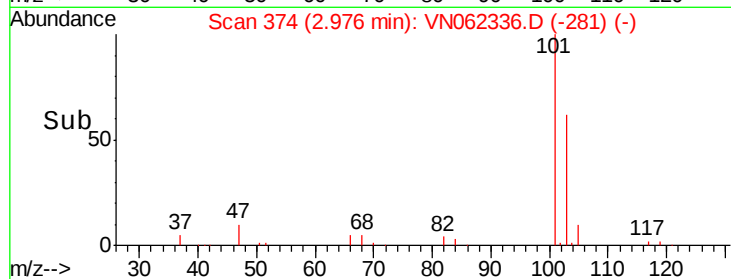
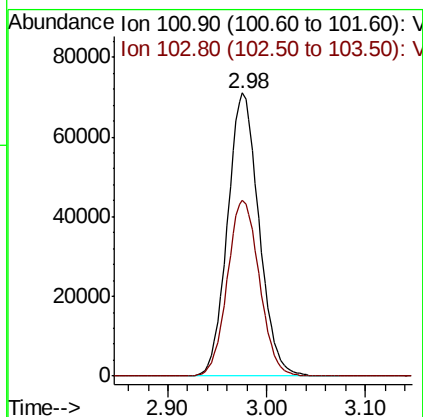
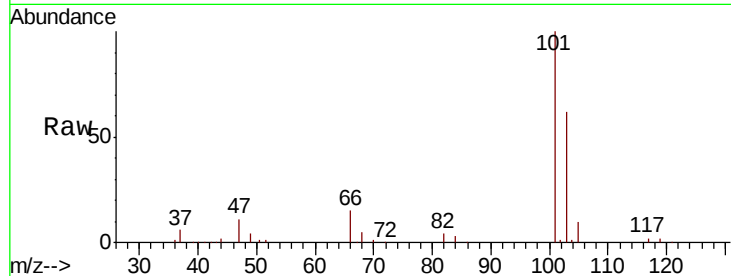


#7

Trichlorofluoromethane
 Concen: 42.655 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062336.D
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Instrument :
 MSVOA_N
 ClientSampled :

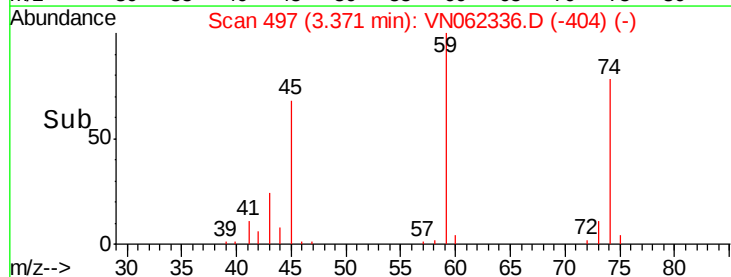
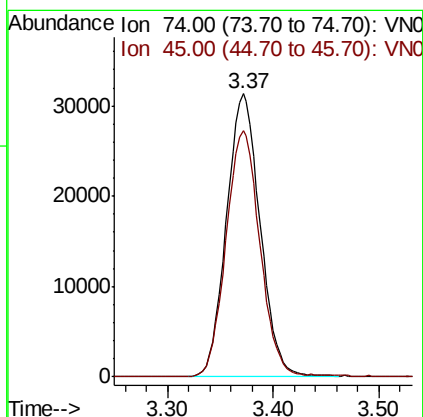
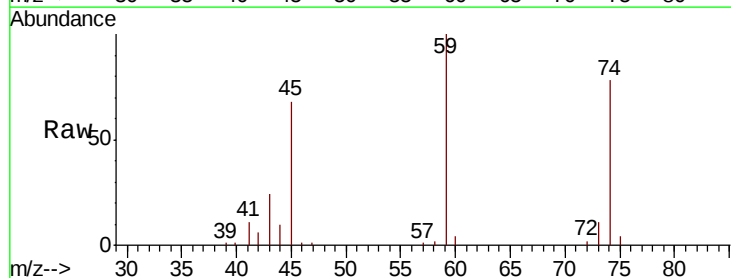
Tot Ion:101 Resp: 157950
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.8 77.6

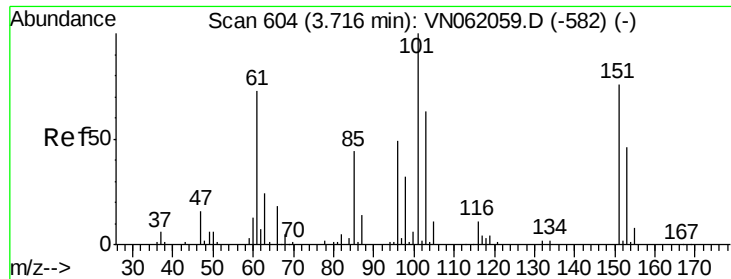


#8

Diethyl Ether
 Concen: 53.524 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 74 Resp: 69207
 Ion Ratio Lower Upper
 74 100
 45 87.4 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.608 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampled :

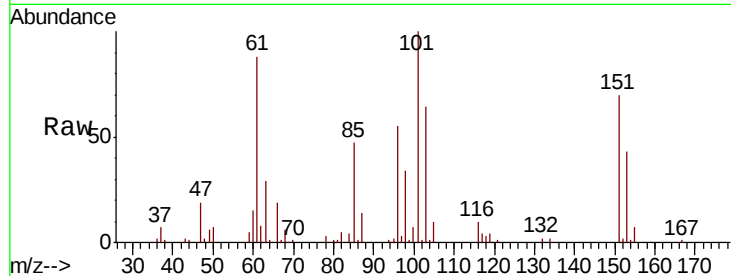
Tot Ion:101 Resp: 94257

Ion Ratio Lower Upper

101 100

85 45.4 34.5 51.7

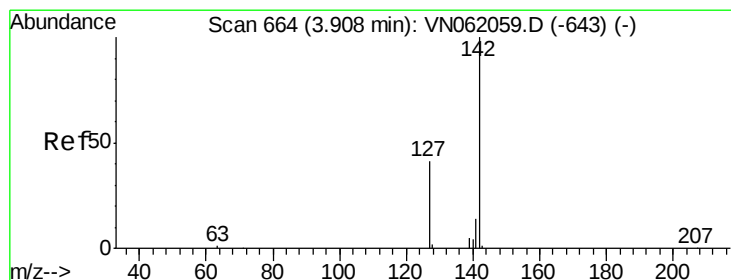
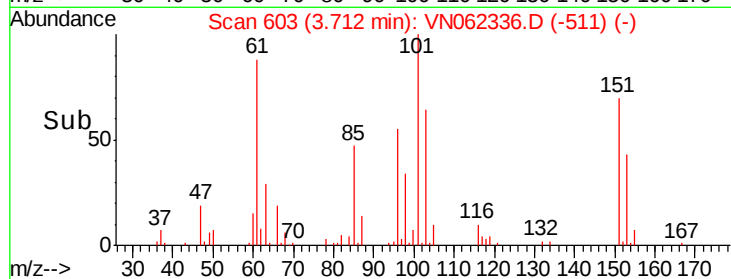
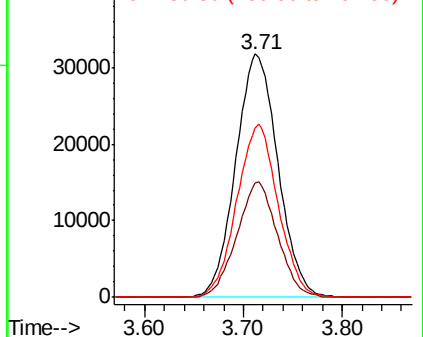
151 69.5 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.746 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

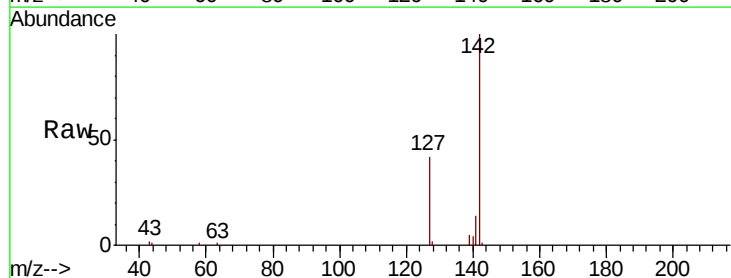
Tgt Ion:142 Resp: 113006

Ion Ratio Lower Upper

142 100

127 42.4 33.6 50.4

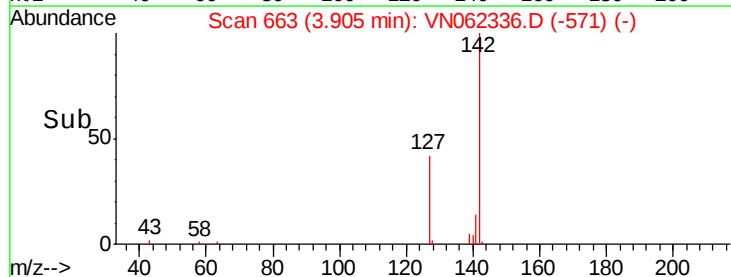
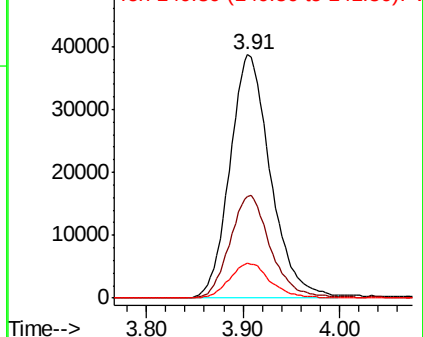
141 14.2 11.3 16.9

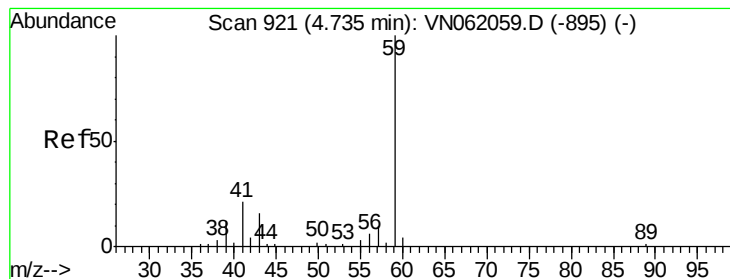


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



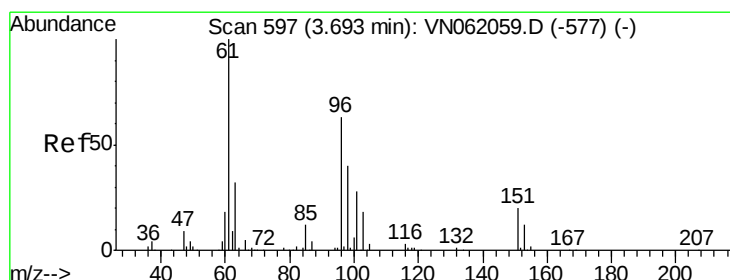
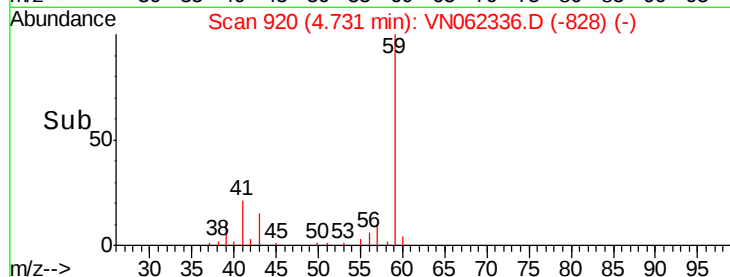
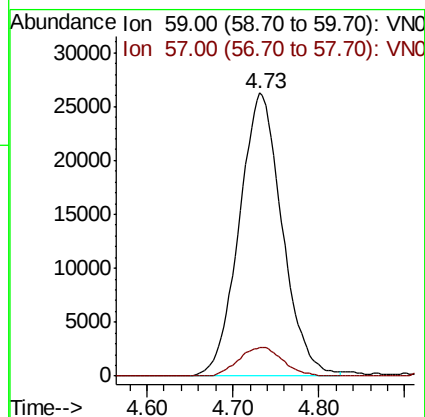
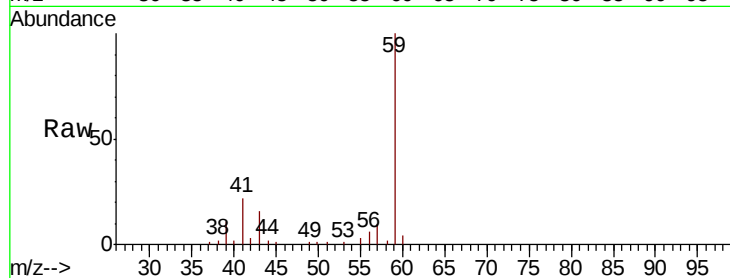


#11

Tert butyl alcohol
 Concen: 267.752 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampled :

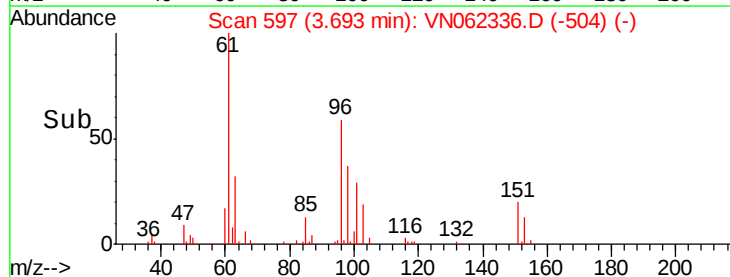
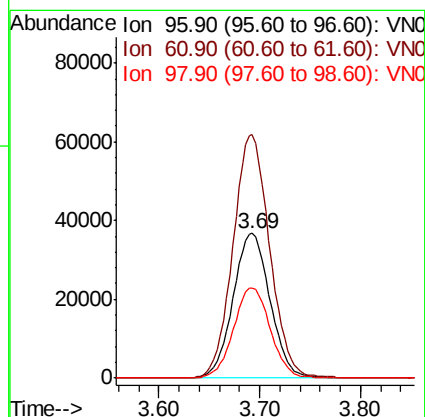
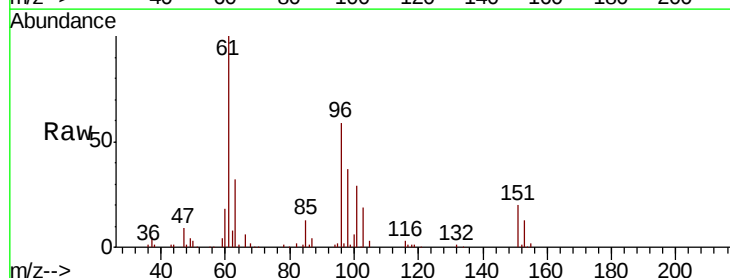
Tot Ion: 59 Resp: 91079
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

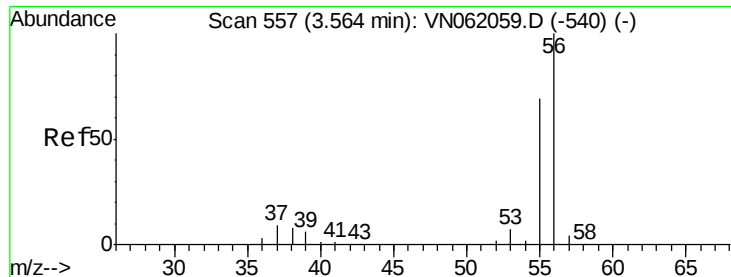


#12

1,1-Dichloroethene
 Concen: 48.422 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 96 Resp: 93866
 Ion Ratio Lower Upper
 96 100
 61 168.3 126.7 190.1
 98 62.1 51.0 76.4





#13

Acrolein

Concen: 190.548 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

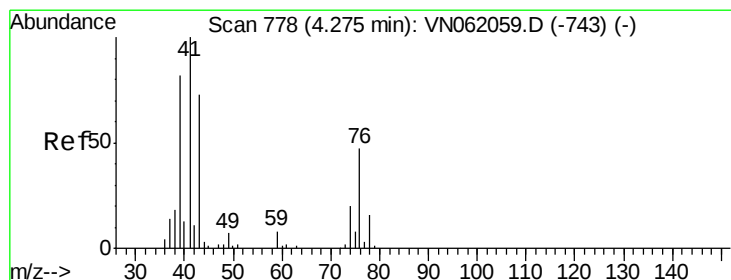
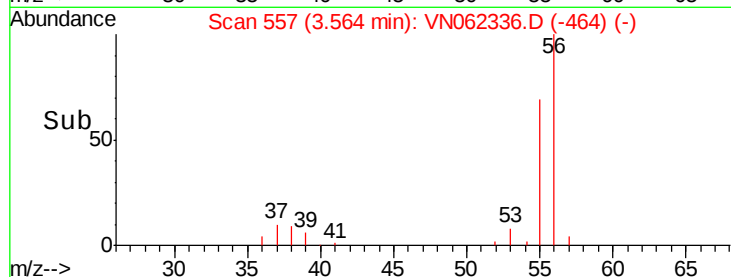
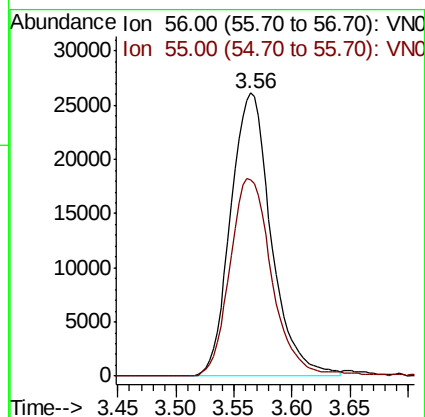
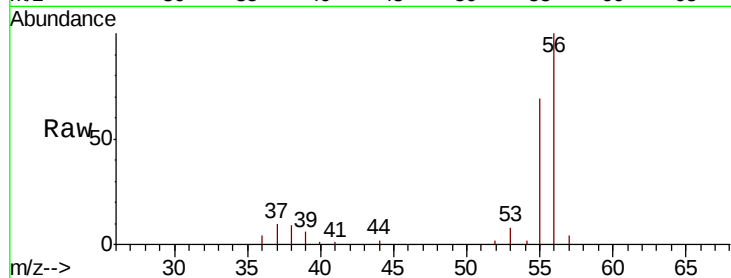
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 63460

Ion Ratio Lower Upper

56 100

55 72.3 55.5 83.3



#14

Allyl chloride

Concen: 56.918 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

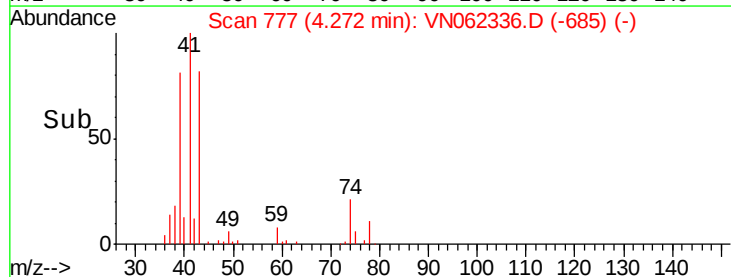
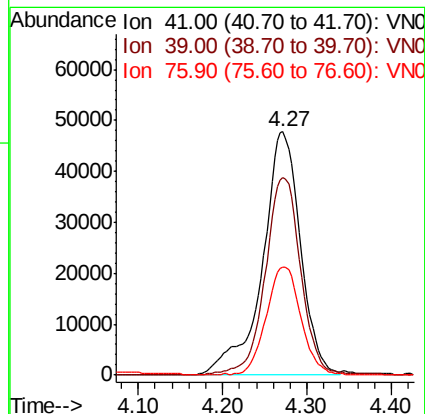
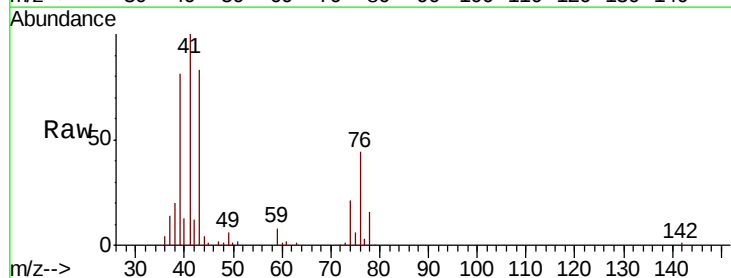
Tgt Ion: 41 Resp: 150223

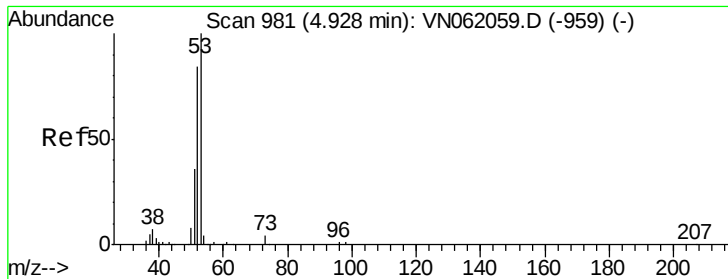
Ion Ratio Lower Upper

41 100

39 75.7 60.0 90.0

76 40.5 34.1 51.1





#15

Acrylonitrile

Concen: 282.042 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampled :

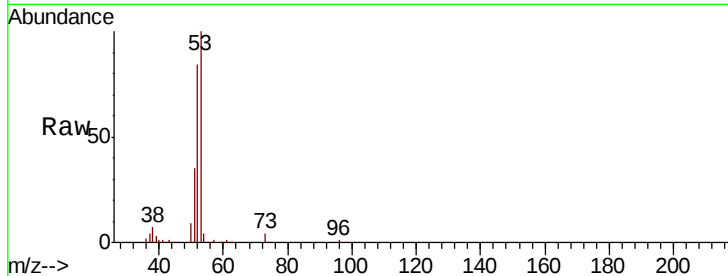
Tot Ion: 53 Resp: 261440

Ion Ratio Lower Upper

53 100

52 83.4 66.2 99.4

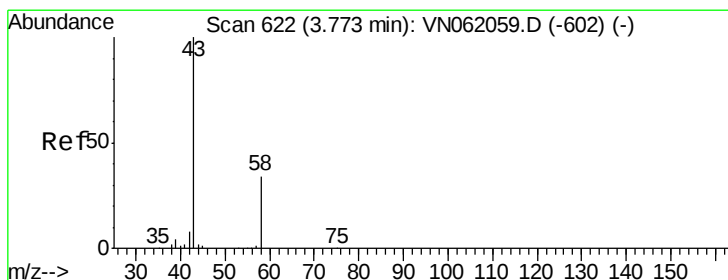
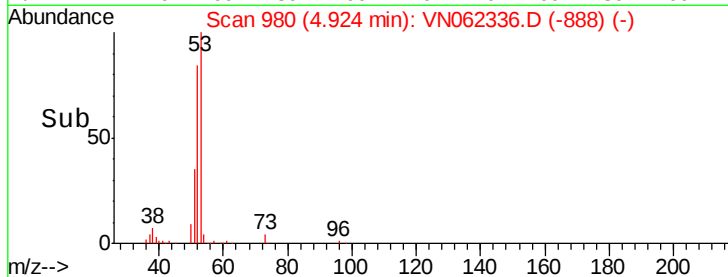
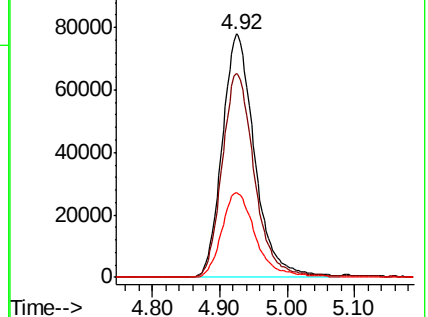
51 36.4 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062336.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN062336.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN062336.D (-888) (-)



#16

Acetone

Concen: 368.339 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN062336.D

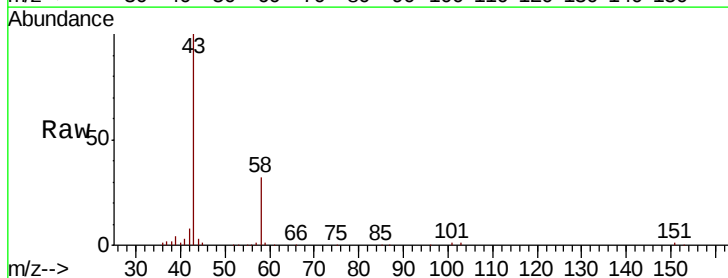
Acq: 2 Jul 2020 16:21

Tgt Ion: 43 Resp: 272490

Ion Ratio Lower Upper

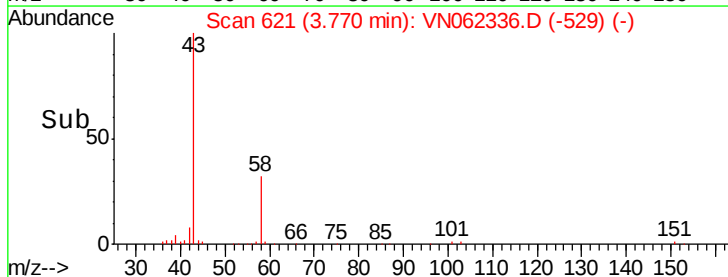
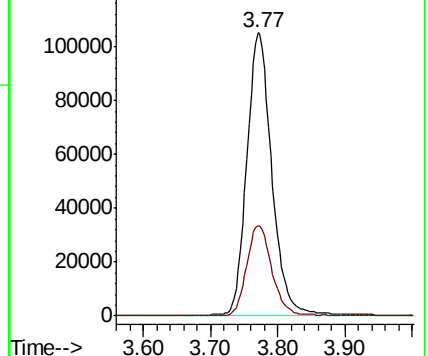
43 100

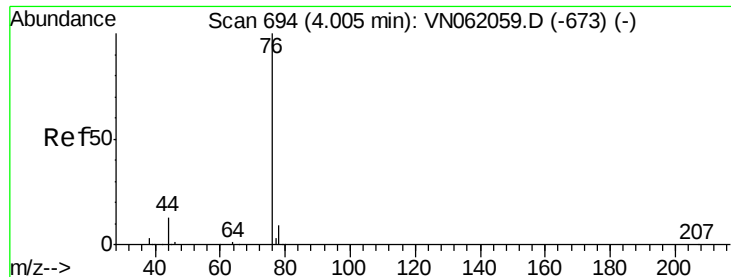
58 32.0 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062336.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062336.D (-529) (-)

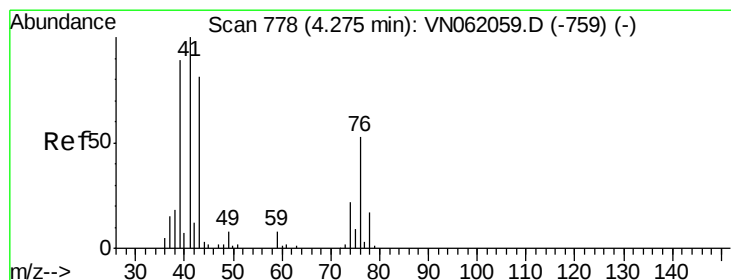
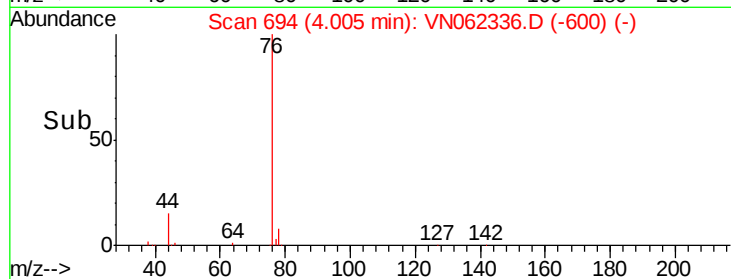
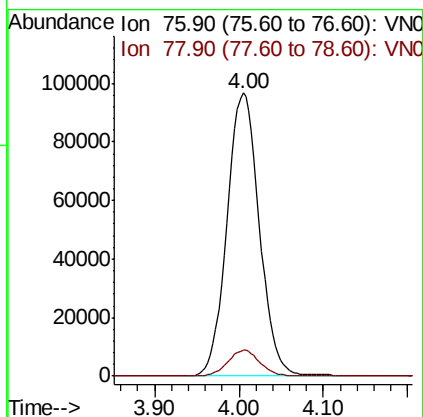
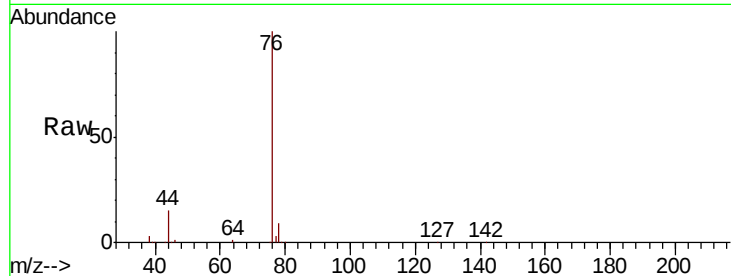




#17
Carbon Disulfide
Concen: 46.464 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

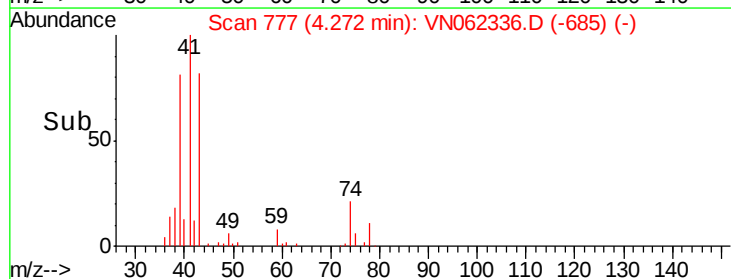
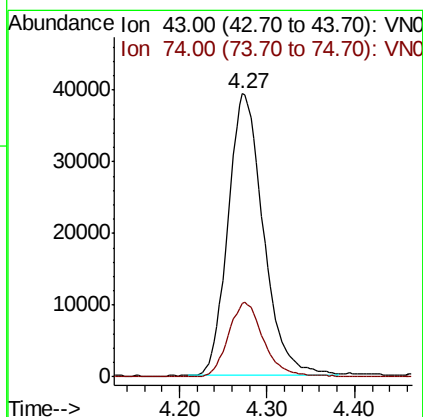
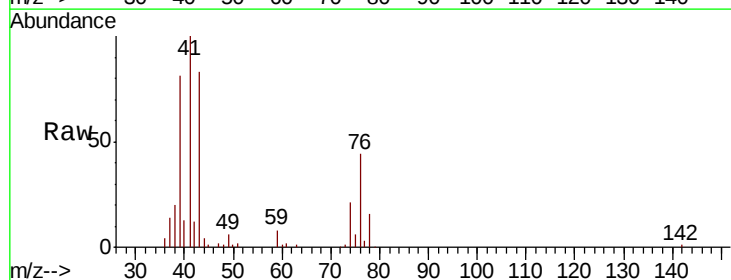
Instrument :
MSVOA_N
ClientSampled :

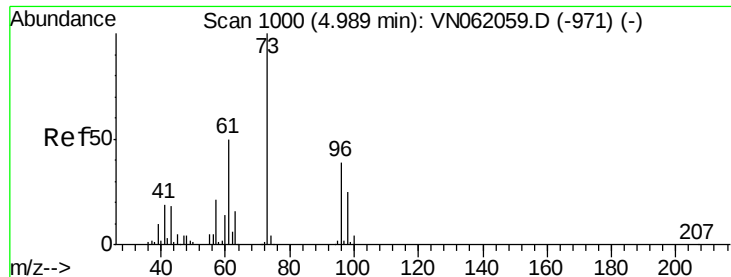
Tot Ion: 76 Resp: 257968
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 58.791 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 43 Resp: 110725
Ion Ratio Lower Upper
43 100
74 26.4 22.9 34.3

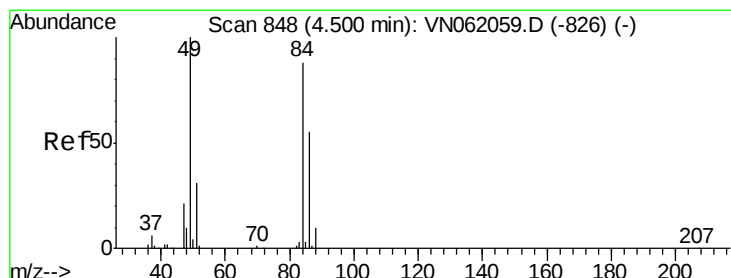
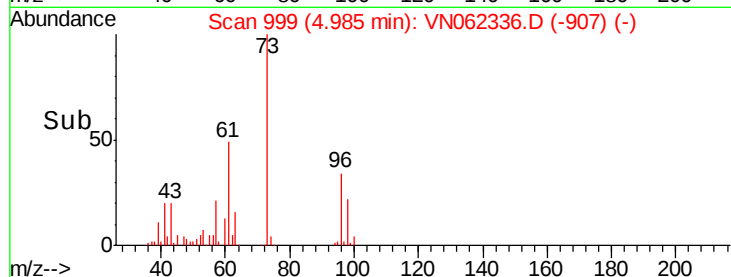
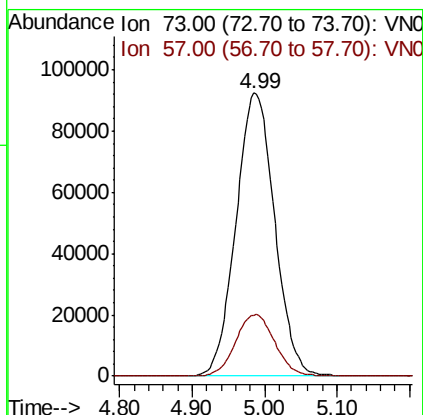
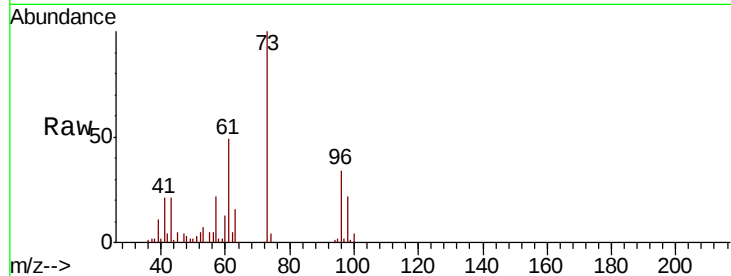




#19
Methvl tert-butvl Ether
Concen: 55.368 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

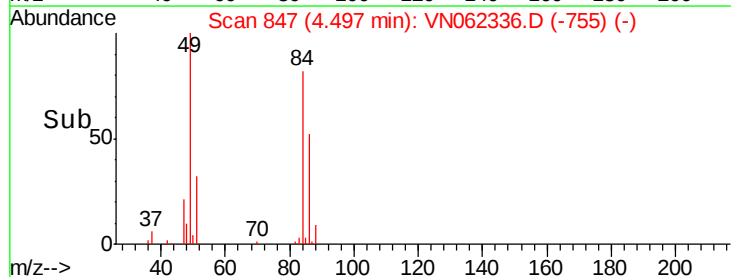
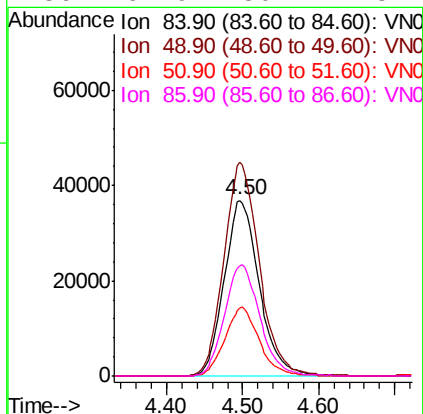
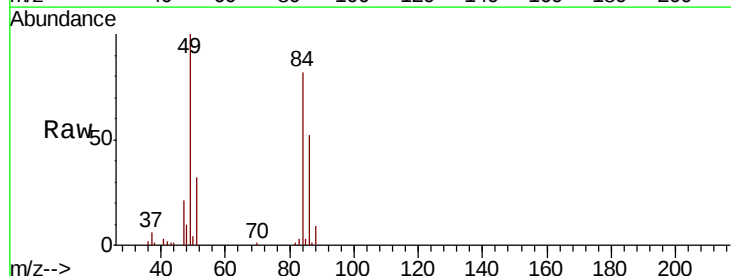
Instrument :
MSVOA_N
ClientSampled :

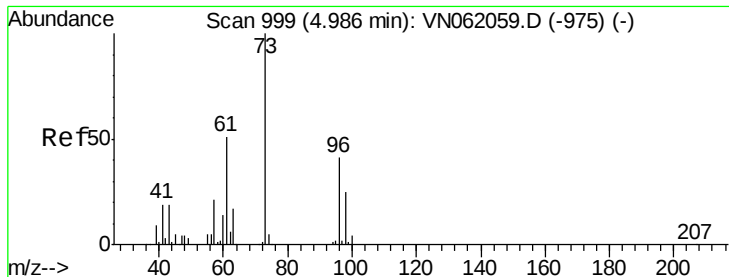
Tot Ion: 73 Resp: 342968
Ion Ratio Lower Upper
73 100
57 21.5 16.6 24.8



#20
Methylene Chloride
Concen: 54.277 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 84 Resp: 118007
Ion Ratio Lower Upper
84 100
49 121.5 90.6 136.0
51 38.9 27.8 41.8
86 62.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 47.205 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :

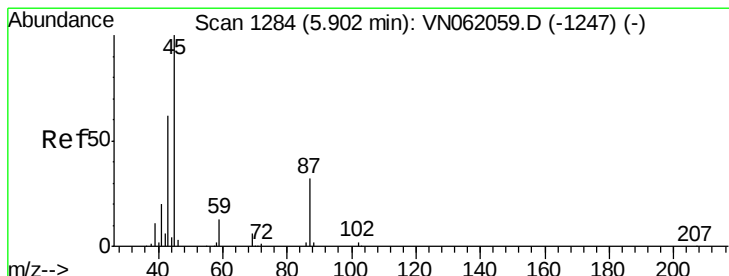
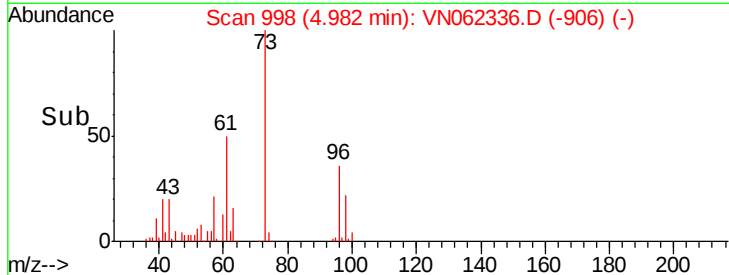
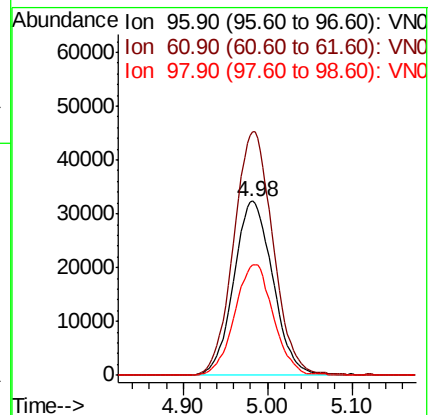
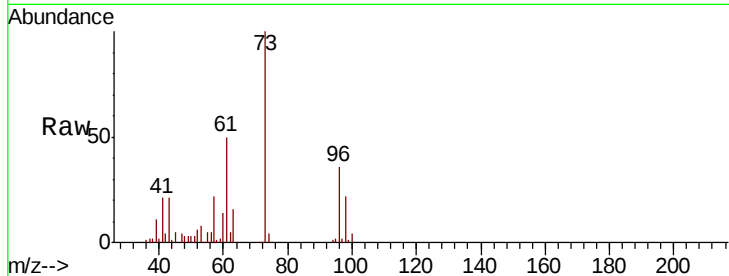
Tot Ion: 96 Resp: 104246

Ion Ratio Lower Upper

96 100

61 139.7 101.4 152.2

98 63.1 49.3 73.9



#22

Diisopropyl ether

Concen: 58.727 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion: 45 Resp: 352910

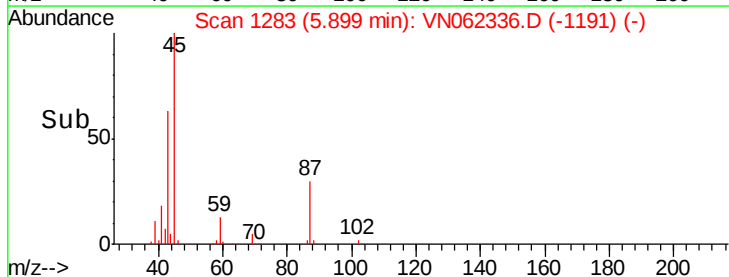
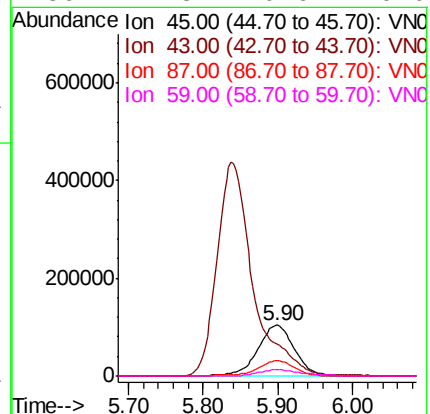
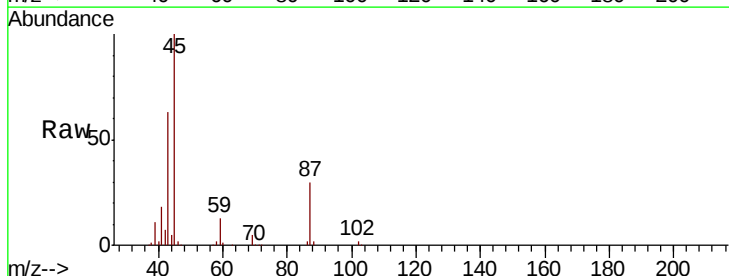
Ion Ratio Lower Upper

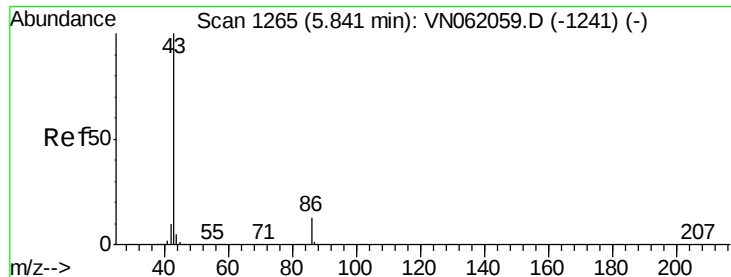
45 100

43 61.4 49.7 74.5

87 29.7 25.9 38.9

59 12.3 10.6 16.0





#23

Vinyl Acetate

Concen: 298.667 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

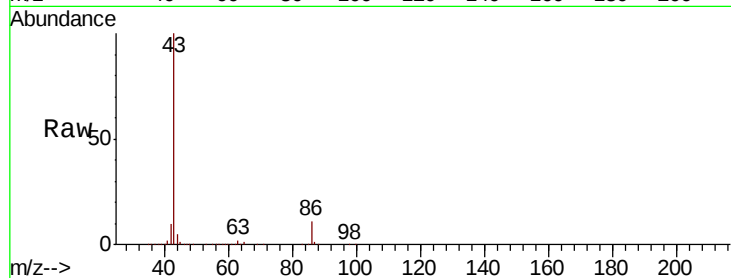
ClientSampleId :

Tot Ion: 43 Resp: 1465351

Ion Ratio Lower Upper

43 100

86 11.2 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

400000

300000

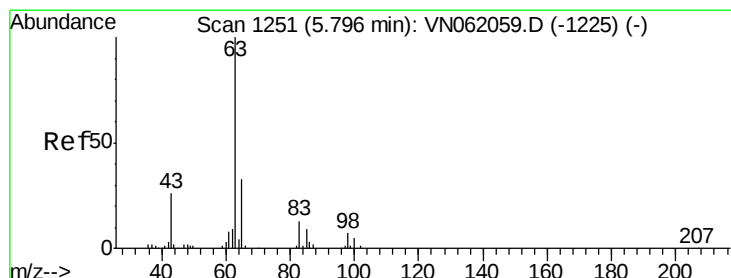
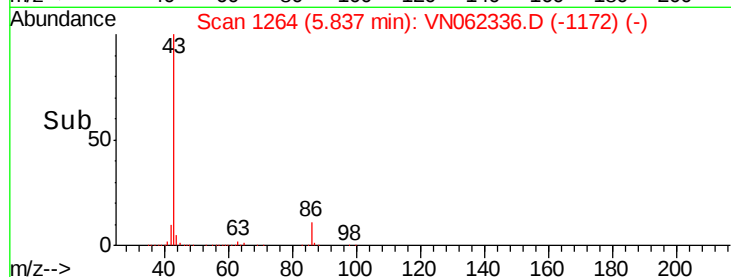
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 53.605 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

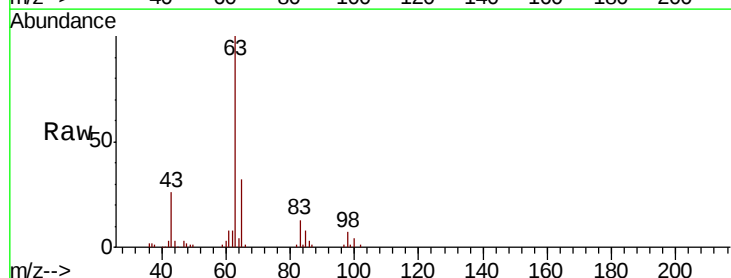
Tgt Ion: 63 Resp: 207433

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.9

100 4.4 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) (-)

80000

60000

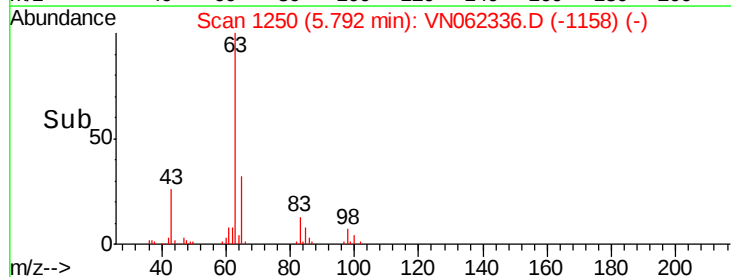
40000

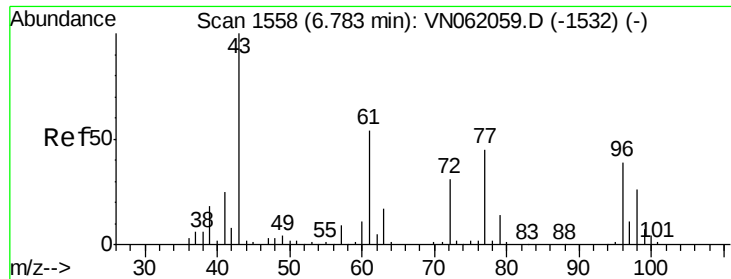
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 305.226 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

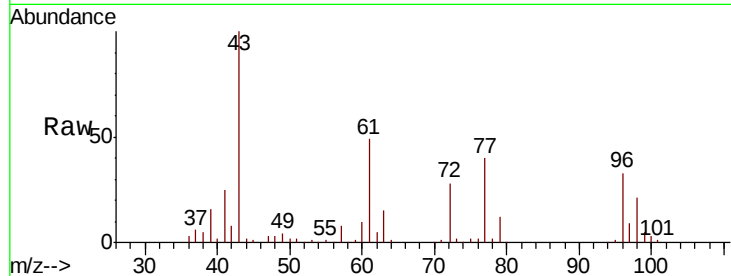
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 353459

Ion Ratio Lower Upper

43 100

72 28.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1532) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1532) (-)

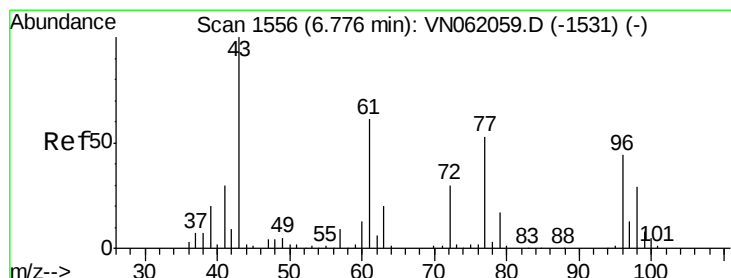
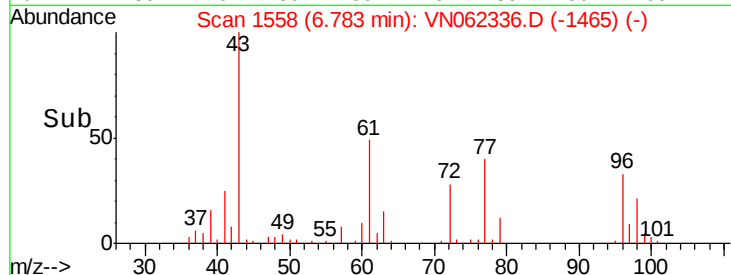
6.78

100000

50000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 54.992 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN062336.D

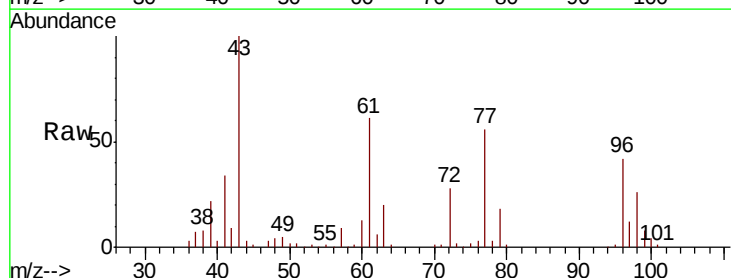
Acq: 2 Jul 2020 16:21

Tgt Ion: 77 Resp: 177329

Ion Ratio Lower Upper

77 100

97 21.8 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN062059.D (-1531) (-)

Ion 96.90 (96.60 to 97.60): VN062059.D (-1531) (-)

6.77

60000

50000

40000

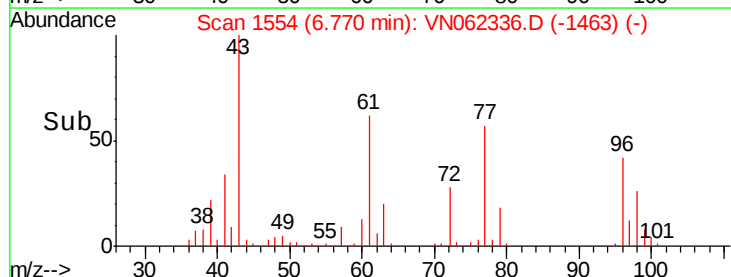
30000

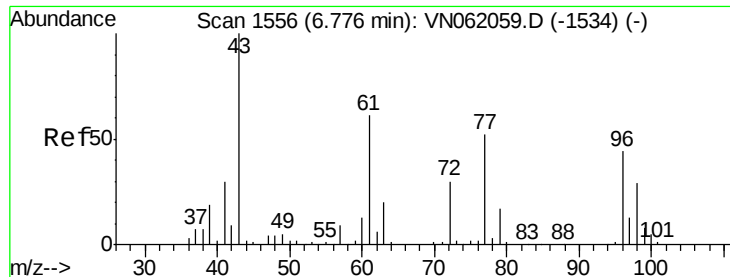
20000

10000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 51.555 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :

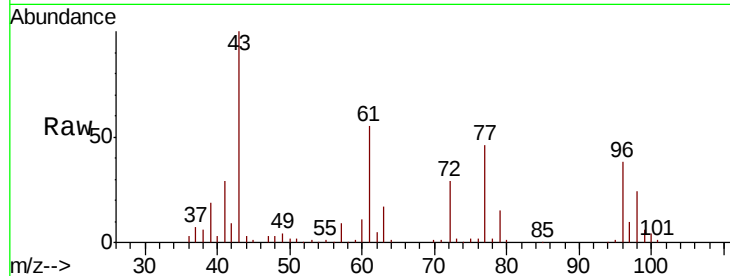
Tot Ion: 96 Resp: 128112

Ion Ratio Lower Upper

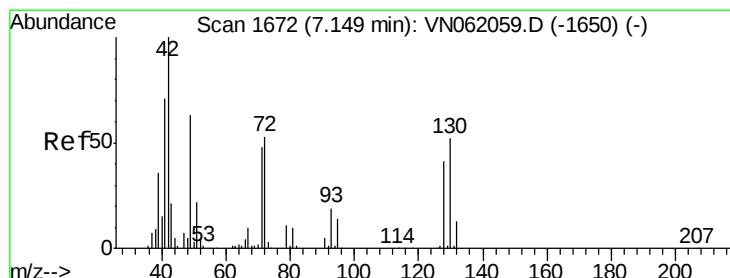
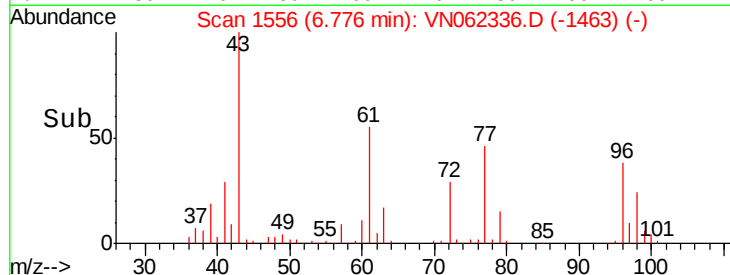
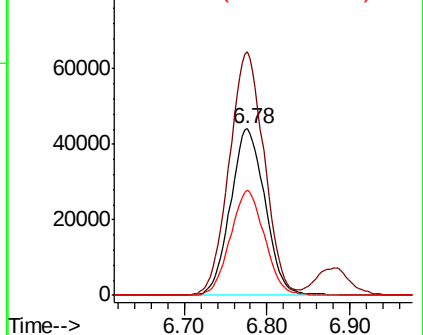
96 100

61 147.7 0.0 280.4

98 62.5 0.0 129.4



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



#28

Bromochloromethane

Concen: 55.652 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

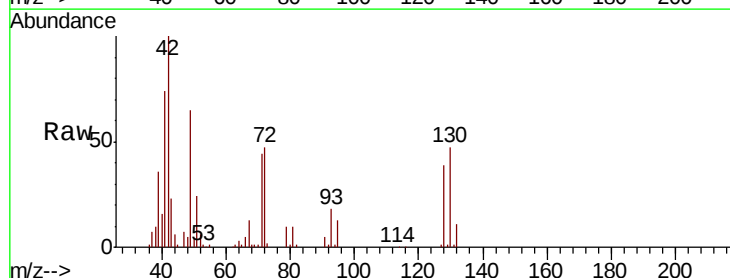
Tgt Ion: 49 Resp: 93439

Ion Ratio Lower Upper

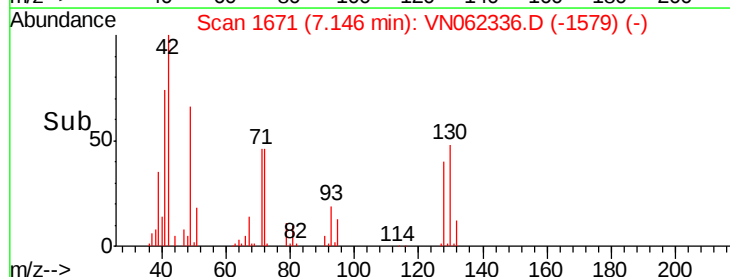
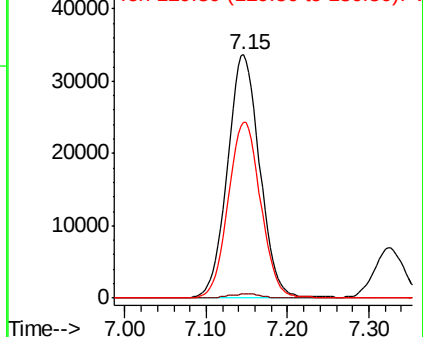
49 100

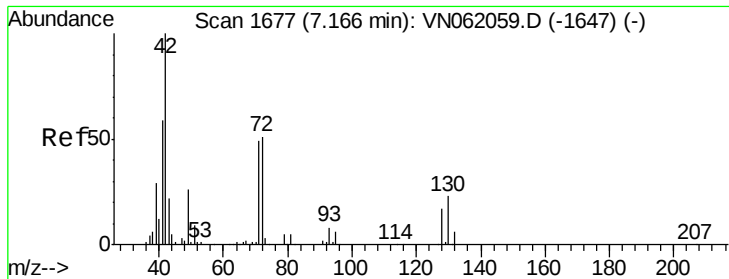
129 1.6 0.0 4.4

130 72.4 65.5 98.3



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

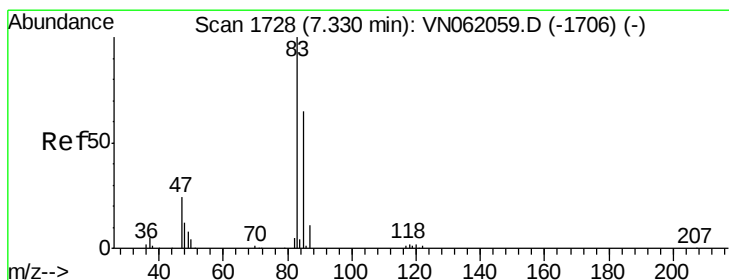
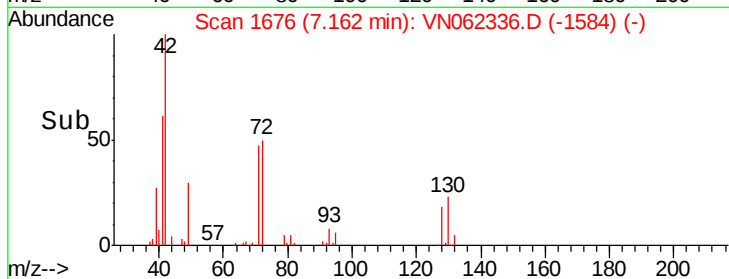
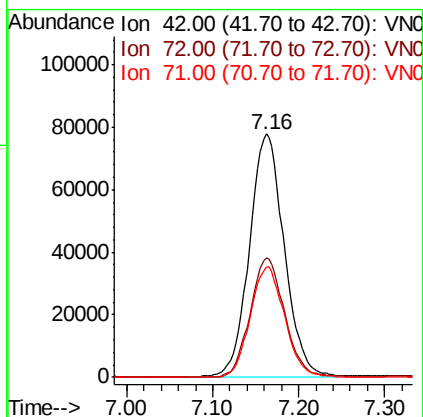
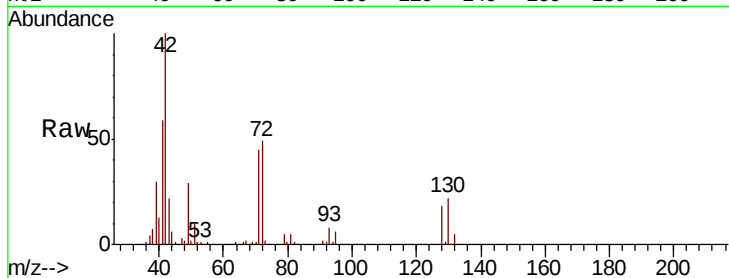




#29
Tetrahydrofuran
Concen: 290.651 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

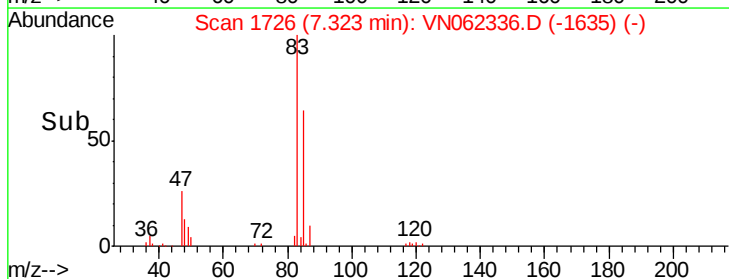
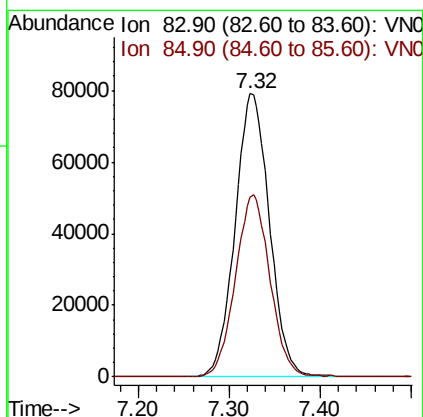
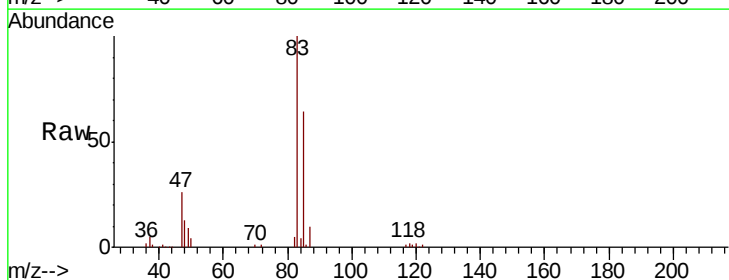
Instrument :
MSVOA_N
ClientSampled :

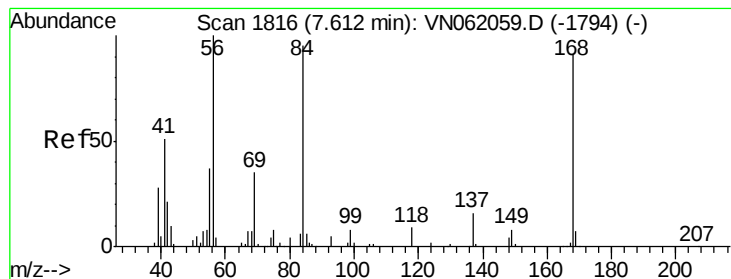
Tot Ion: 42 Resp: 220477
Ion Ratio Lower Upper
42 100
72 48.4 41.1 61.7
71 44.7 38.2 57.4



#30
Chloroform
Concen: 52.676 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 83 Resp: 207390
Ion Ratio Lower Upper
83 100
85 63.6 52.3 78.5





#31

Cyclohexane

Concen: 52.100 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

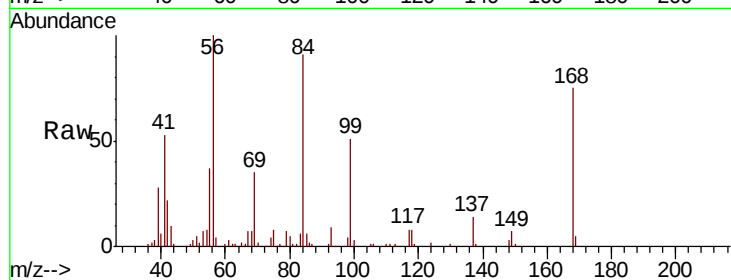
Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 170536

Ion	Ratio	Lower	Upper
56	100		
69	34.5	28.0	42.0
84	90.2	76.1	114.1

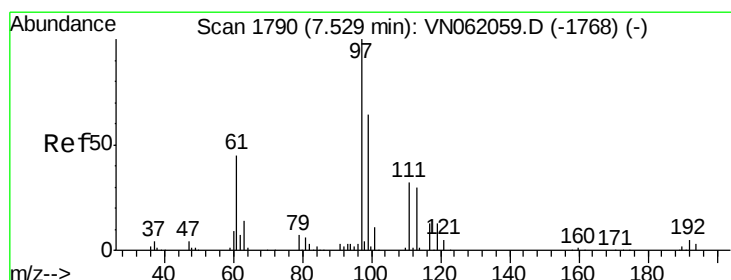
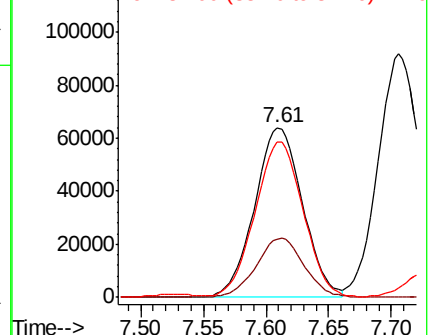
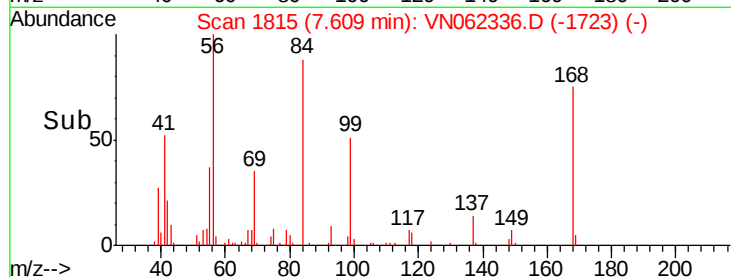


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 50.661 ug/l

RT: 7.53 min Scan# 1789

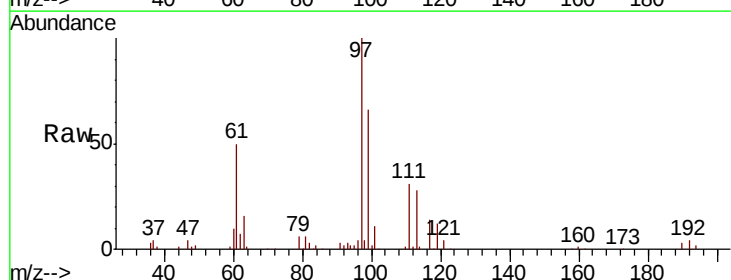
Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion: 97 Resp: 168207

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	48.9	36.2	54.2

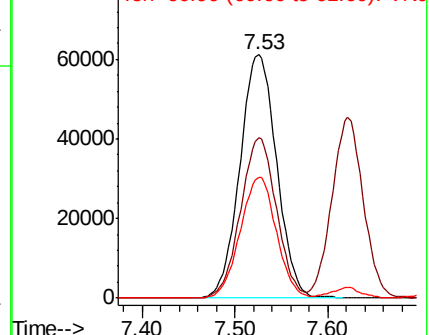
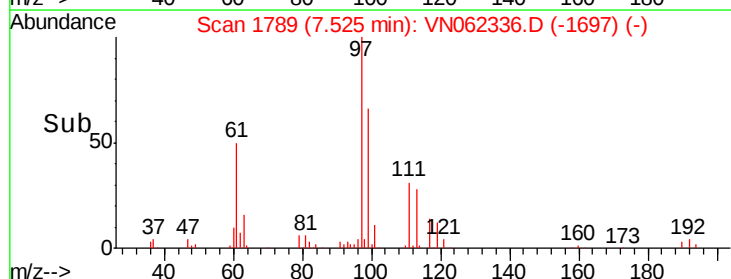


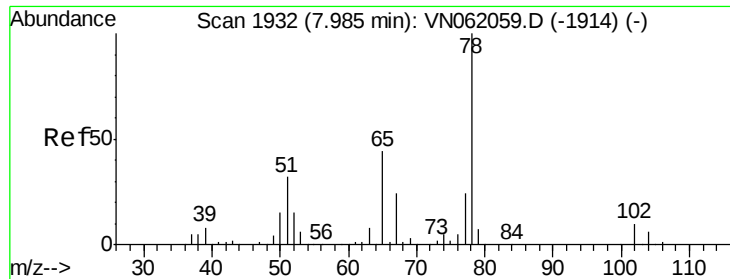
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

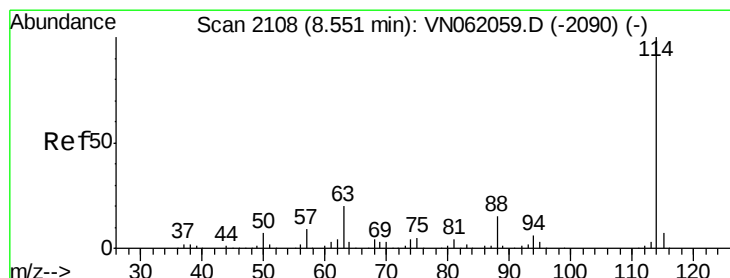
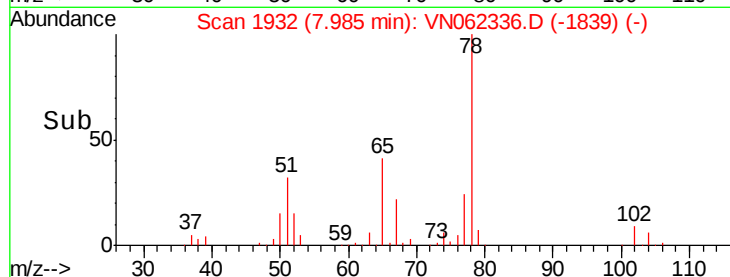
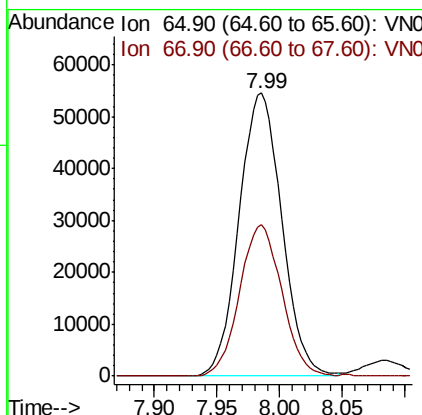
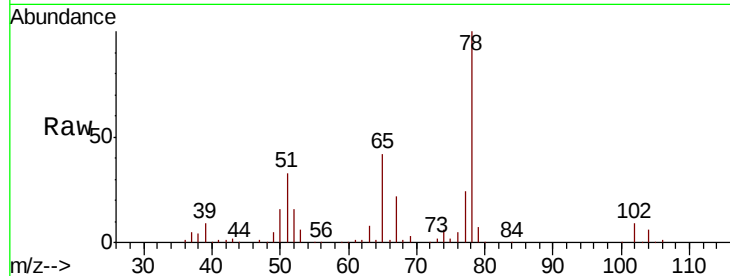




#33
 1,2-Dichloroethane-d4
 Concen: 54.558 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

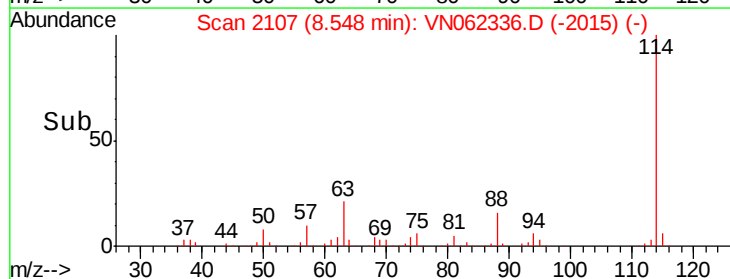
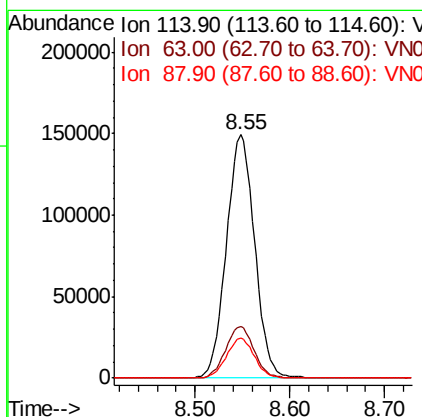
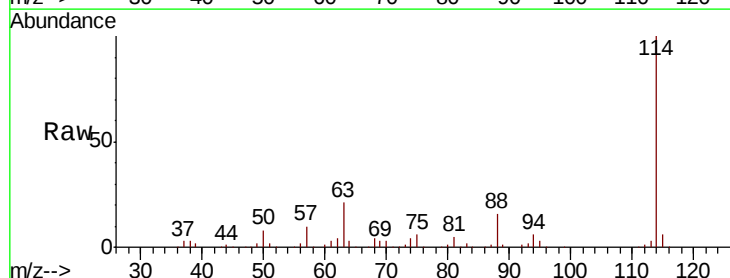
Instrument :
 MSVOA_N
 ClientSampled :

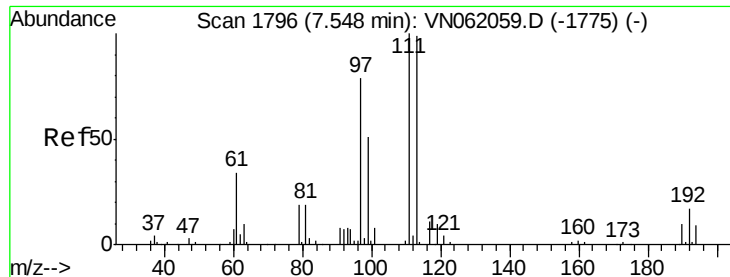
Tot Ion: 65 Resp: 129257
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 114 Resp: 310373
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.2
 88 16.4 0.0 30.8

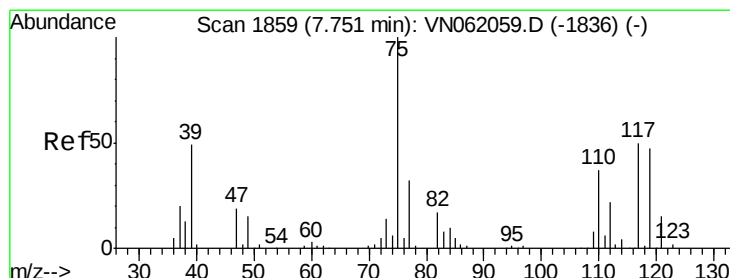
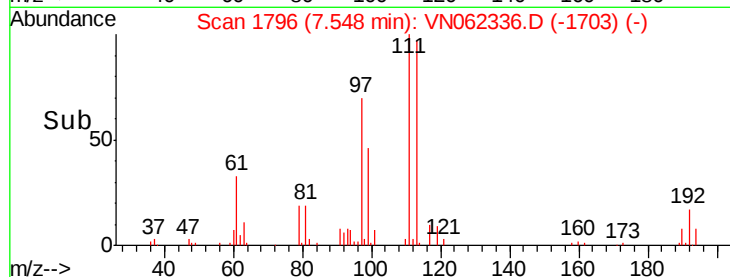
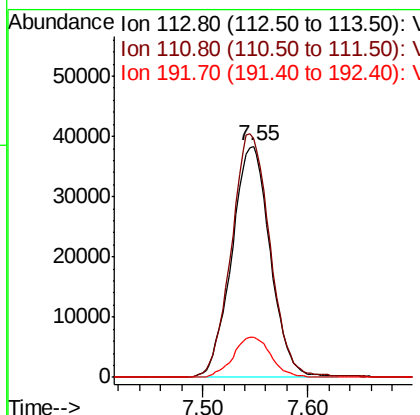
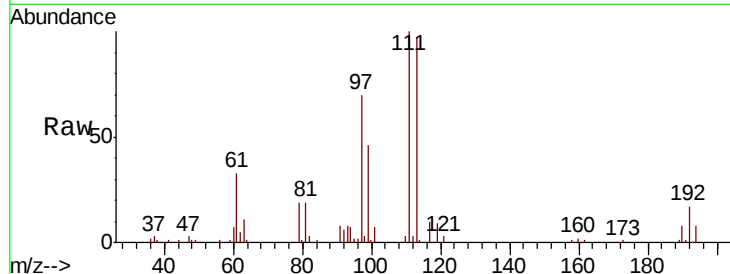




#35
 Dibromofluoromethane
 Concen: 48.770 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

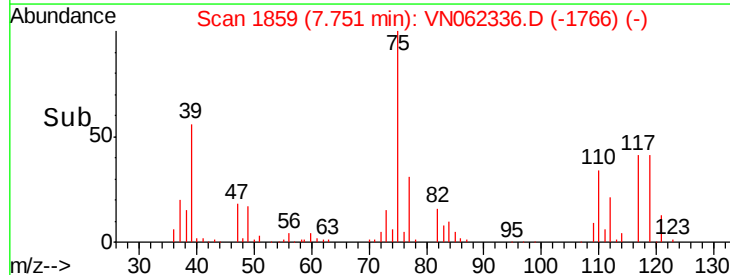
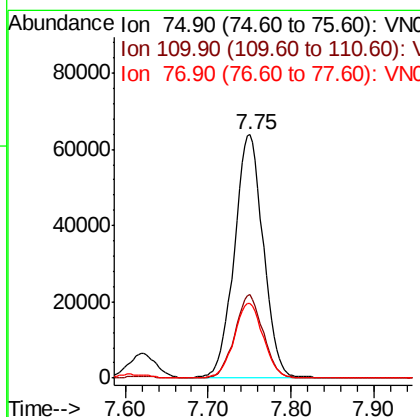
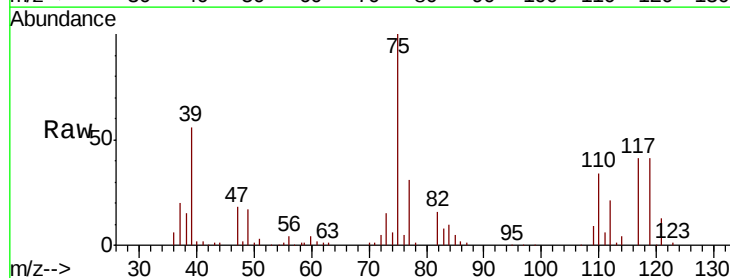
Instrument :
 MSVOA_N
 ClientSampled :

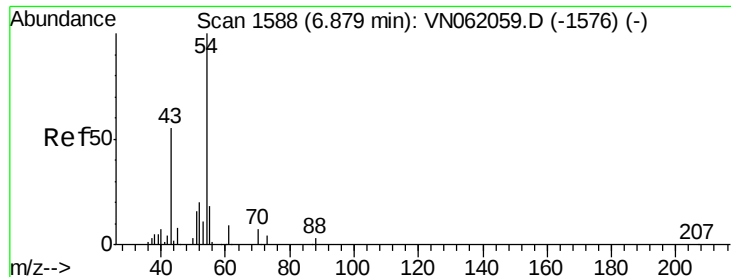
Tot Ion:113 Resp: 97111
 Ion Ratio Lower Upper
 113 100
 111 106.2 82.2 123.4
 192 16.9 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 49.864 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 75 Resp: 155561
 Ion Ratio Lower Upper
 75 100
 110 33.3 17.9 53.8
 77 31.1 24.9 37.3

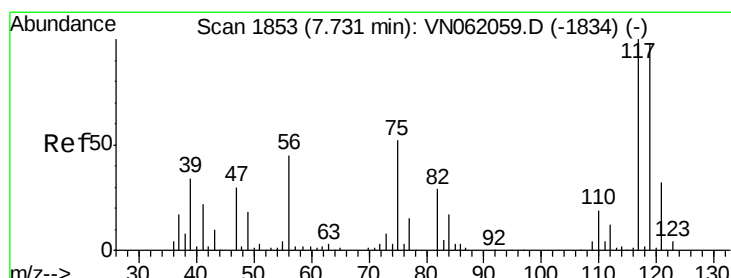
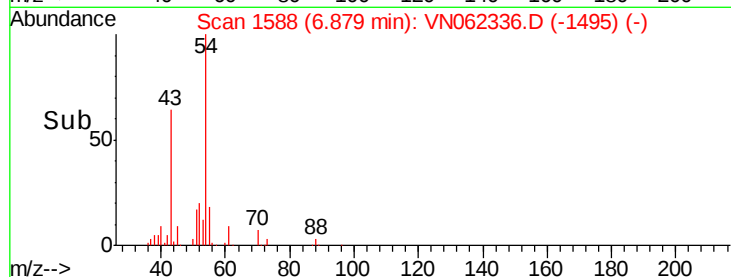
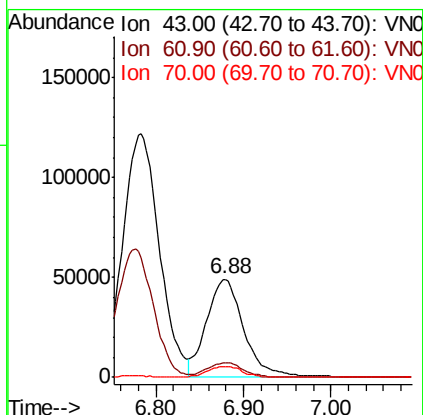
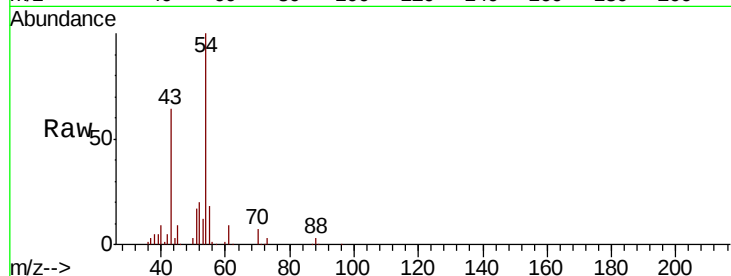




#37
Ethyl Acetate
Concen: 55.555 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

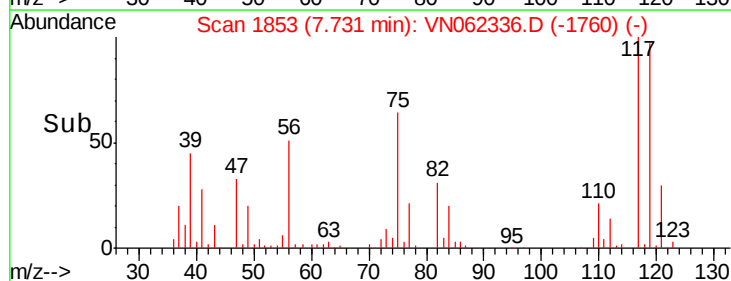
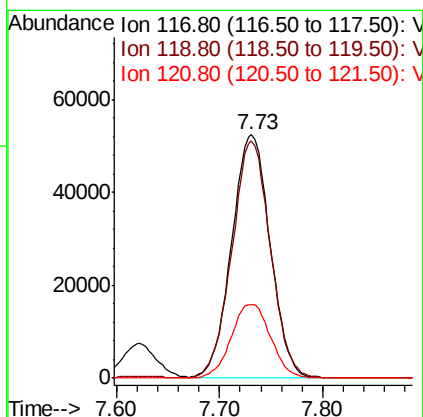
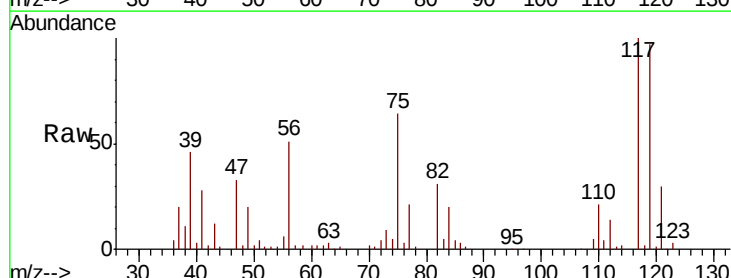
Instrument :
MSVOA_N
ClientSampleId :

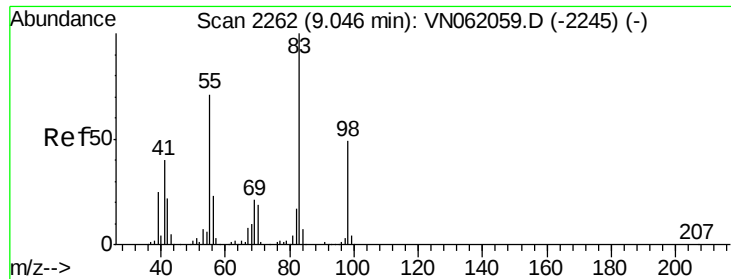
Tot Ion: 43 Resp: 143514
Ion Ratio Lower Upper
43 100
61 14.2 12.0 18.0
70 10.6 9.6 14.4



#38
Carbon Tetrachloride
Concen: 46.482 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 117 Resp: 136714
Ion Ratio Lower Upper
117 100
119 97.4 78.2 117.2
121 30.4 25.8 38.6

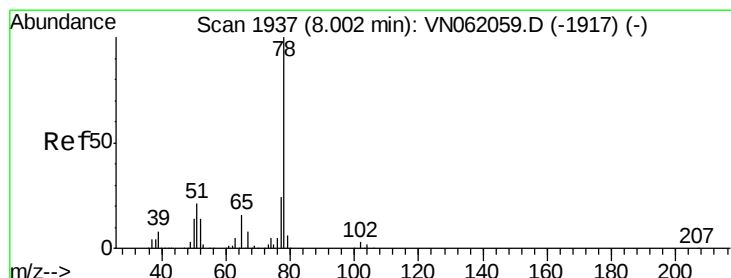
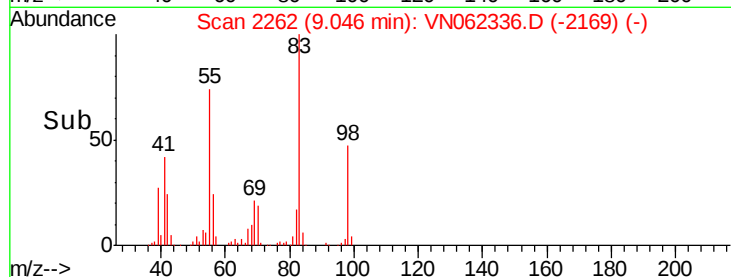
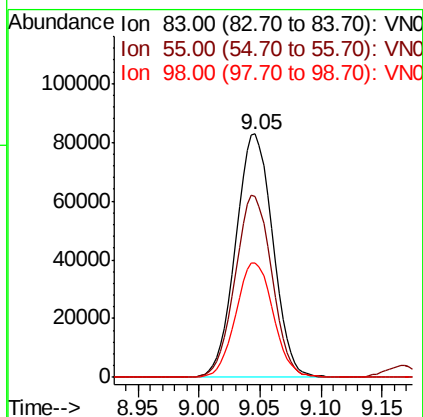
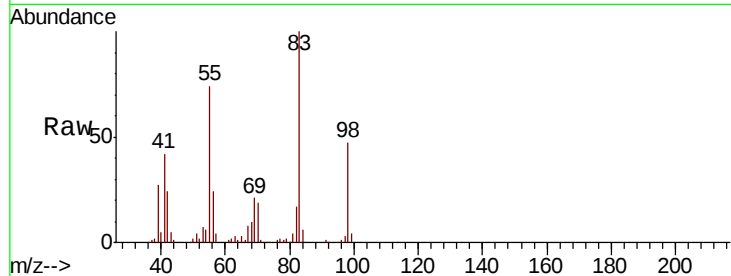




#39
Methvlcvclohexane
Concen: 51.061 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

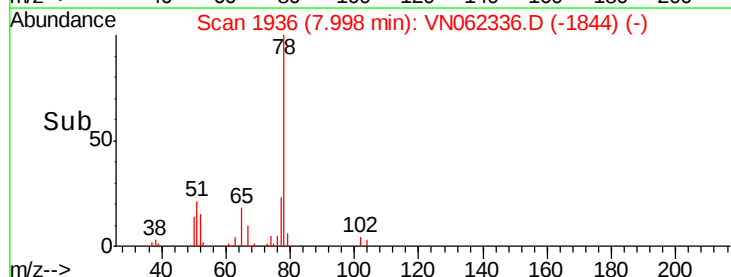
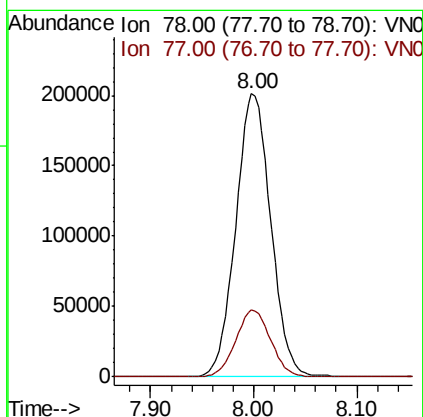
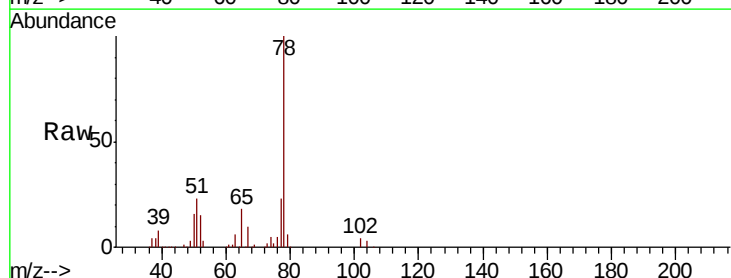
Instrument :
MSVOA_N
ClientSampled :

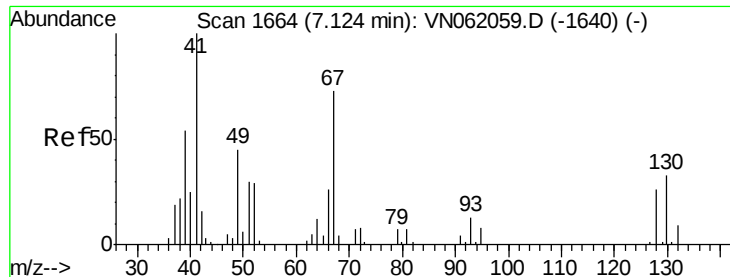
Tot Ion	83	Resp	174537
Ion Ratio	Lower	Upper	
83	100		
55	74.2	57.0	85.6
98	47.2	39.0	58.6



#40
Benzene
Concen: 49.962 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion	78	Resp	475074
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.5	29.3

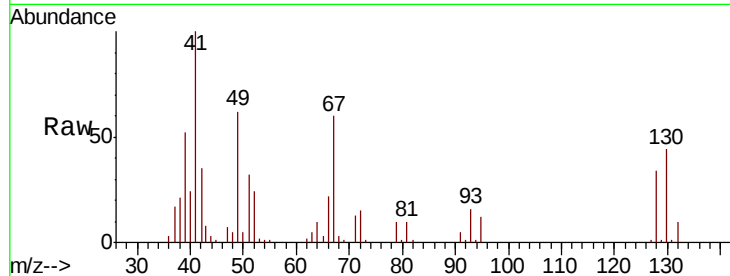




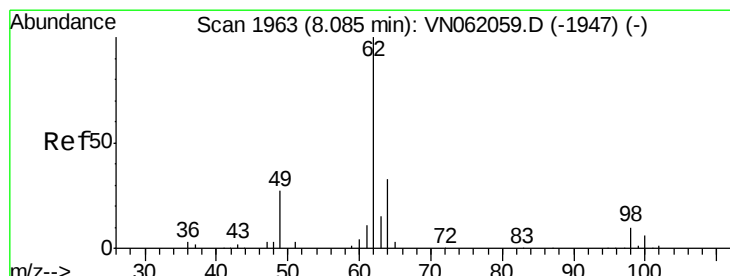
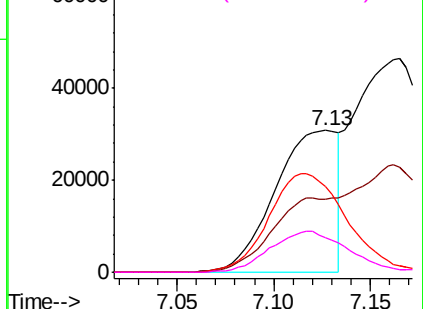
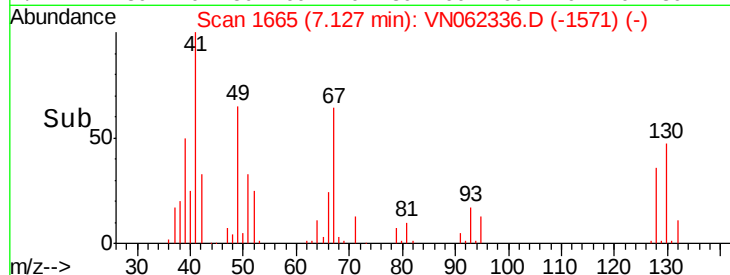
#41
Methacrylonitrile
Concen: 57.935 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 69384
Ion Ratio Lower Upper
41 100
39 45.0 44.2 66.2
67 87.3 79.5 119.3
52 36.9 32.3 48.5

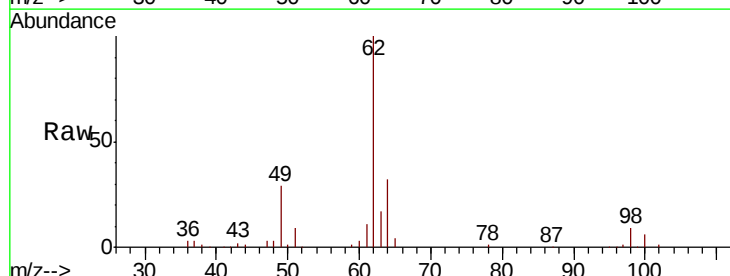


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

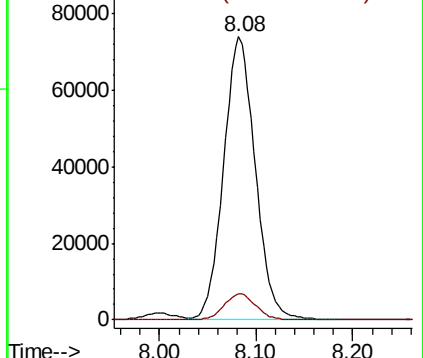
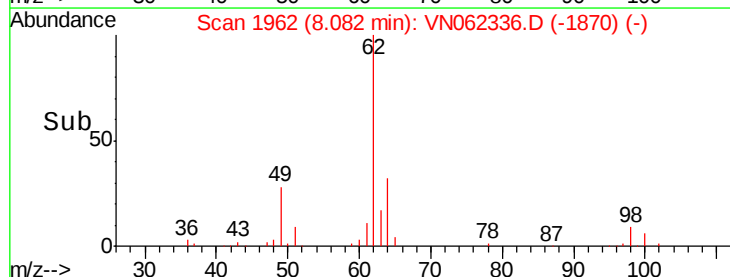


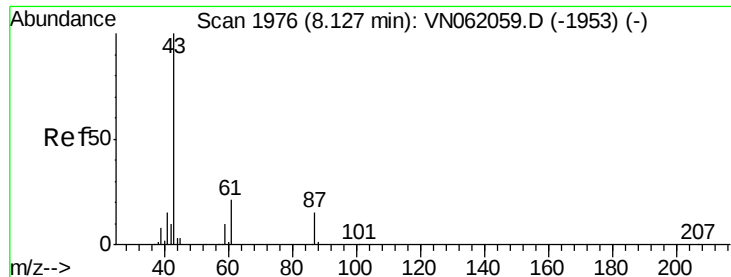
#42
1,2-Dichloroethane
Concen: 52.353 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 62 Resp: 168191
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

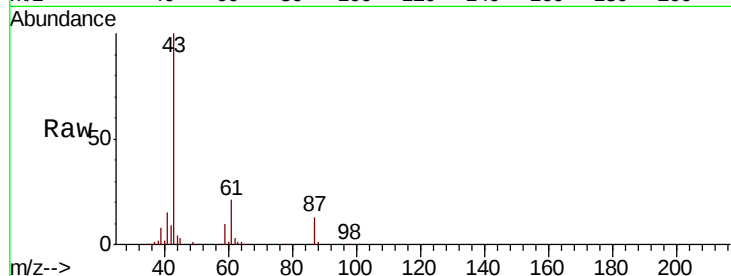




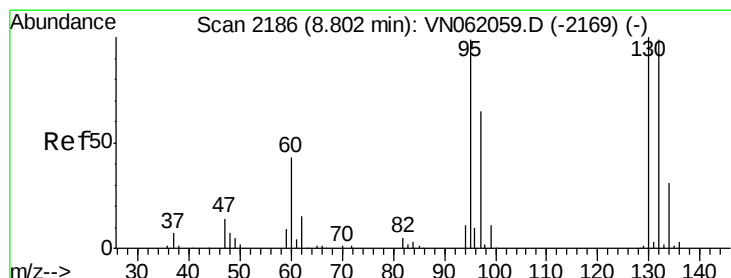
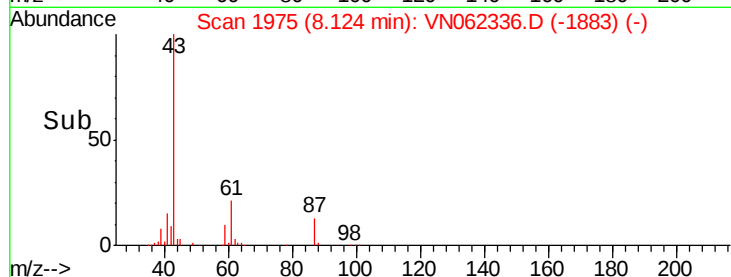
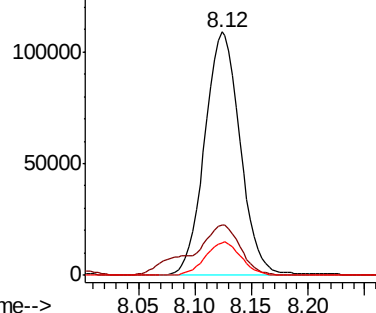
#43
Isopropyl Acetate
Concen: 56.321 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 237179
Ion Ratio Lower Upper
43 100
61 28.5 17.2 25.8#
87 13.8 12.1 18.1

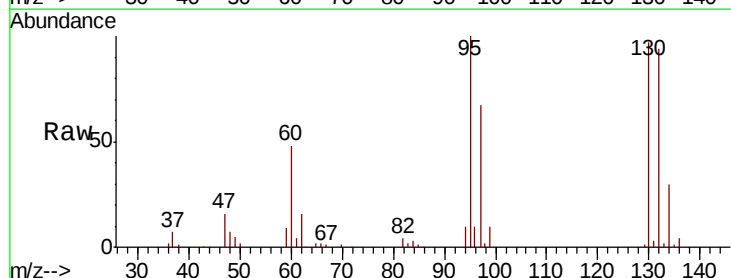


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

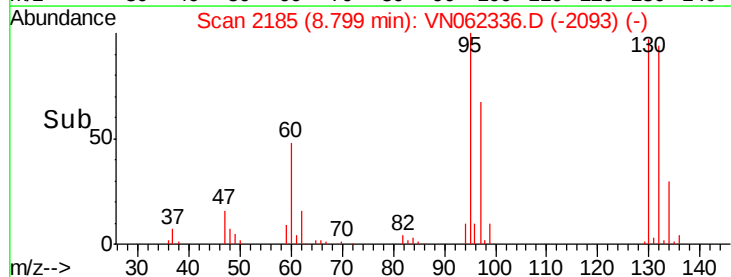
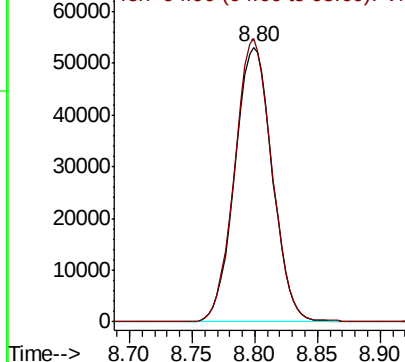


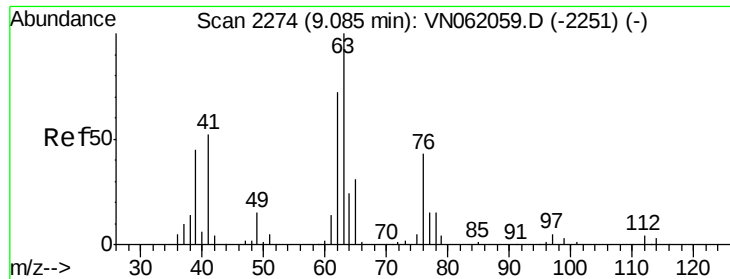
#44
Trichloroethene
Concen: 46.068 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:130 Resp: 110500
Ion Ratio Lower Upper
130 100
95 103.1 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 53.403 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

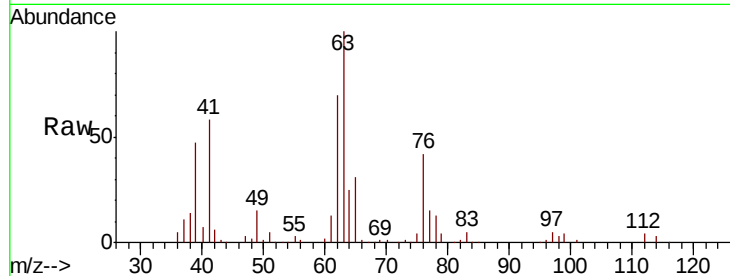
ClientSampled :

Tot Ion: 63 Resp: 125276

Ion Ratio Lower Upper

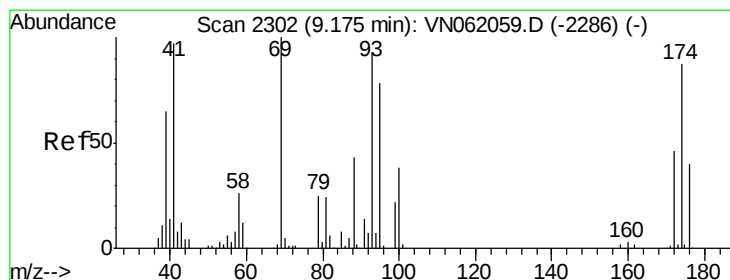
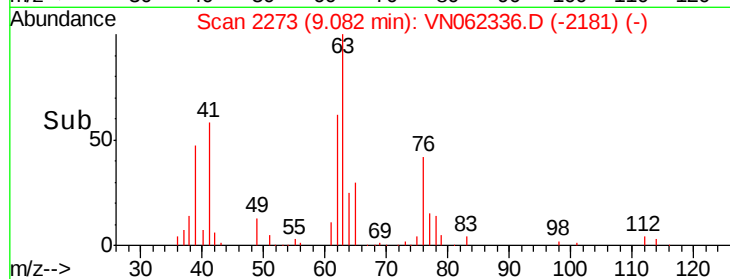
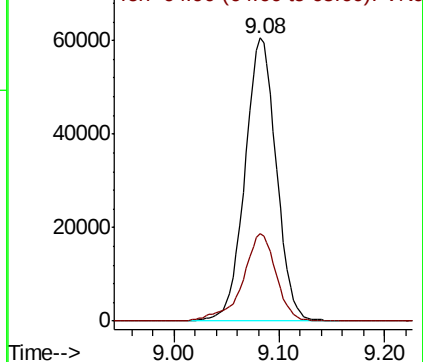
63 100

65 30.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.676 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

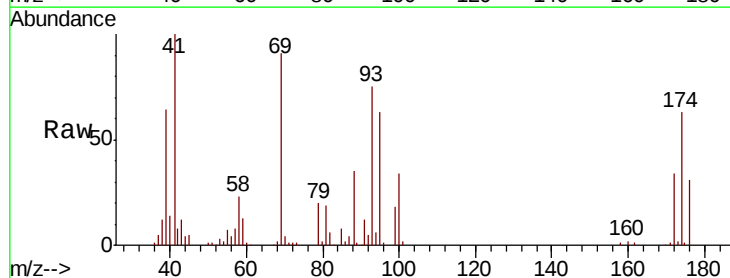
Tgt Ion: 93 Resp: 79010

Ion Ratio Lower Upper

93 100

95 84.2 67.0 100.6

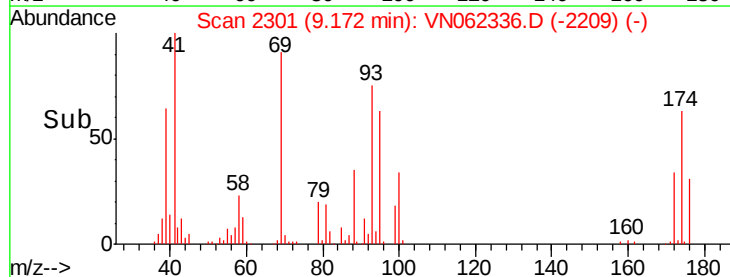
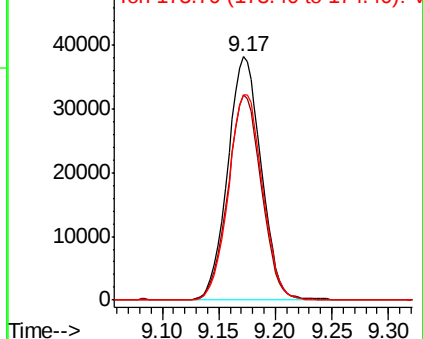
174 85.3 74.4 111.6

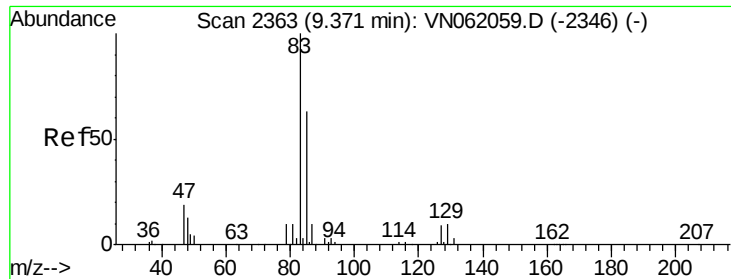


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

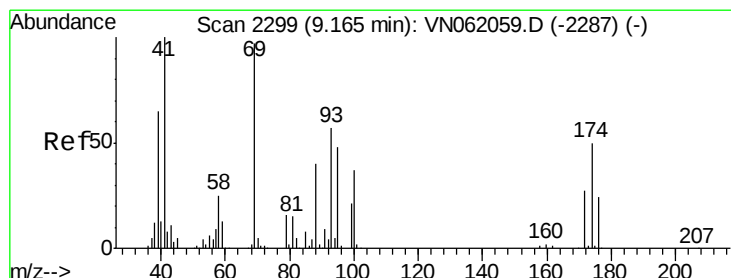
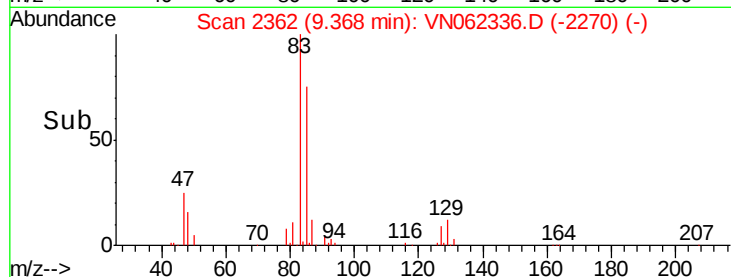
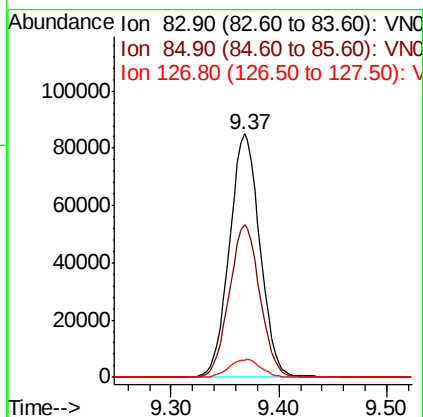
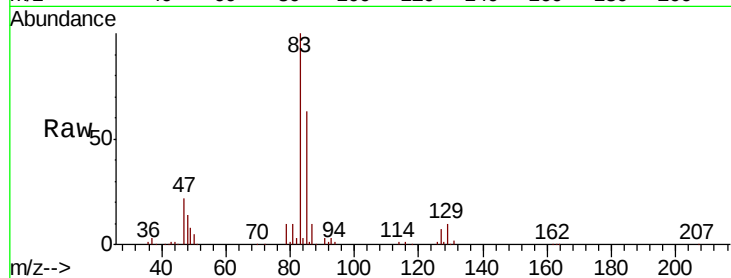




#47
Bromodichloromethane
Concen: 52.195 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

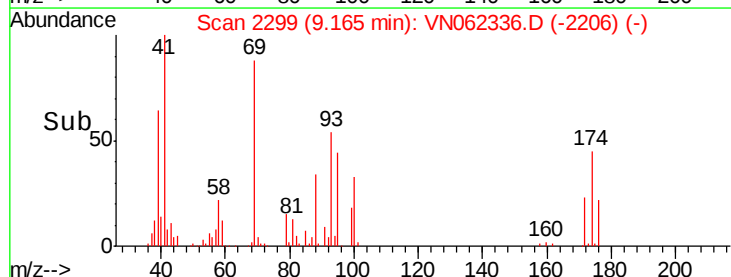
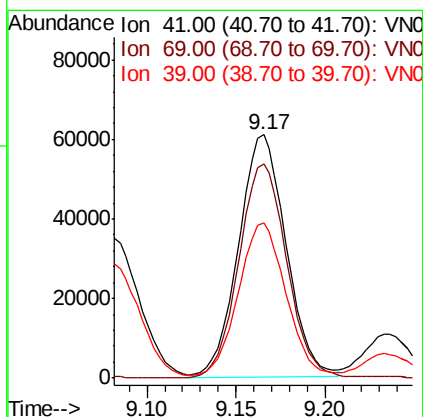
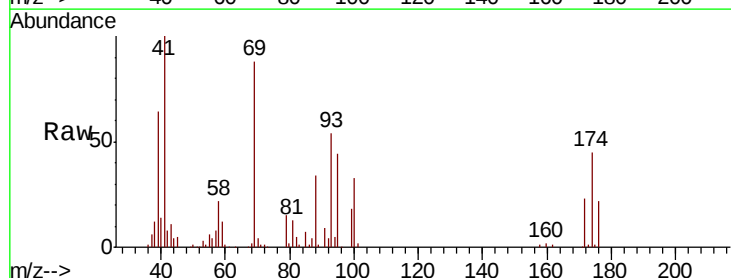
Instrument :
MSVOA_N
ClientSampled :

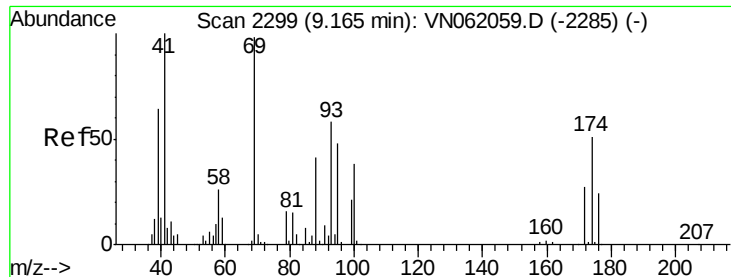
Tot Ion: 83 Resp: 167623
Ion Ratio Lower Upper
83 100
85 63.0 50.3 75.5
127 7.3 6.9 10.3



#48
Methyl methacrylate
Concen: 60.055 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 41 Resp: 113394
Ion Ratio Lower Upper
41 100
69 89.4 80.7 121.1
39 64.6 54.5 81.7

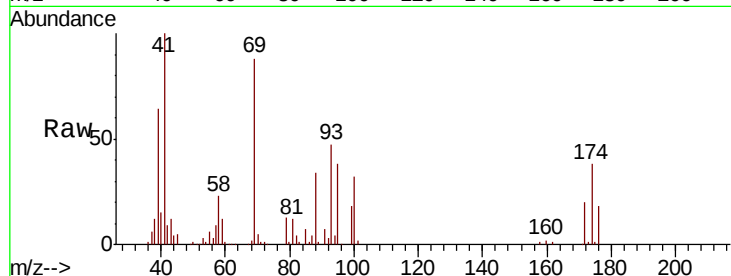




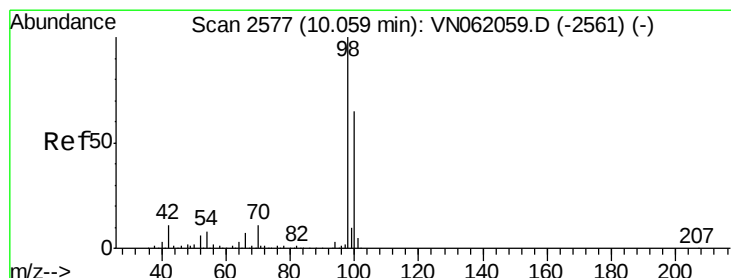
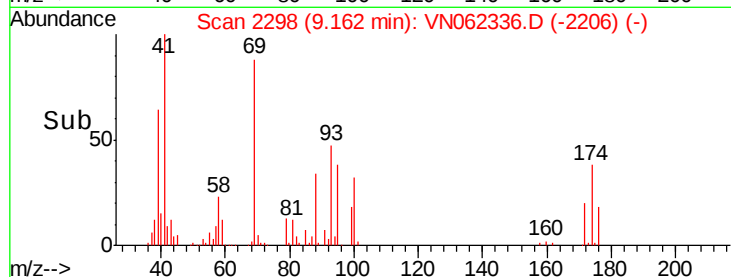
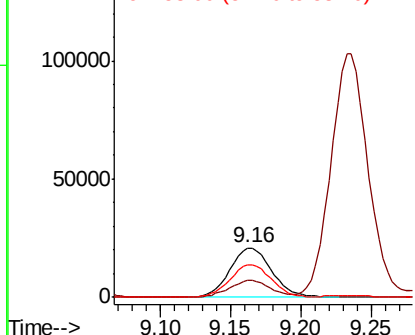
#49
 1,4-Dioxane
 Concen: 1042.661 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 43659
 Ion Ratio Lower Upper
 88 100
 43 33.2 22.0 33.0#
 58 65.2 49.2 73.8

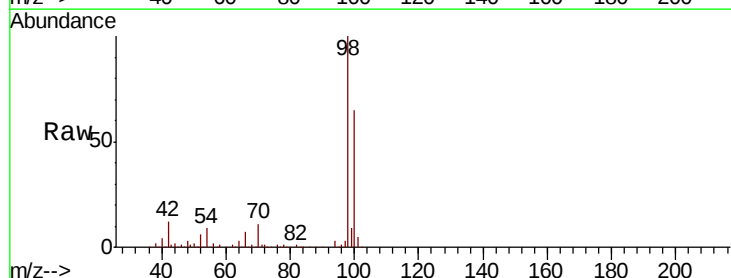


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

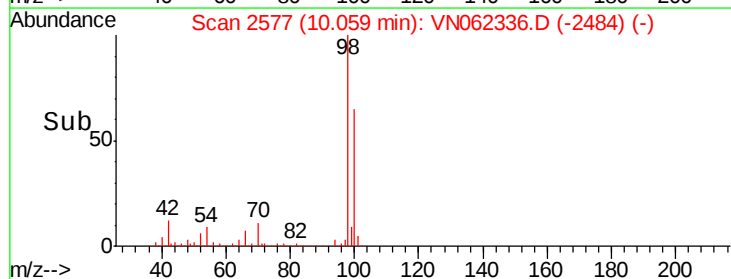
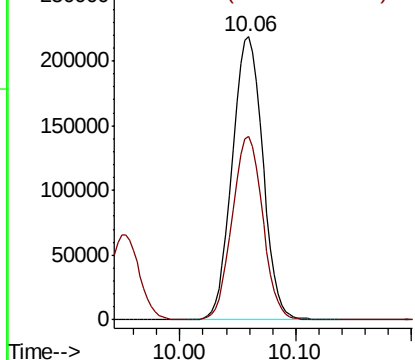


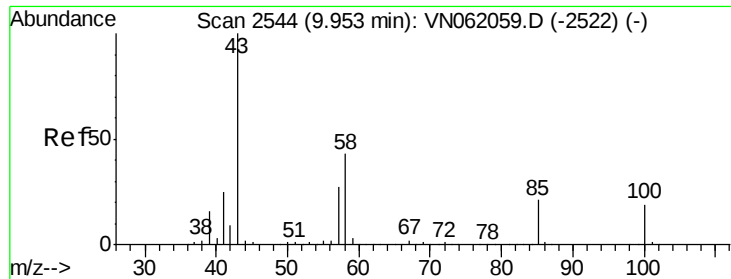
#50
 Toluene-d8
 Concen: 50.197 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 98 Resp: 399544
 Ion Ratio Lower Upper
 98 100
 100 64.4 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: 292.732 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

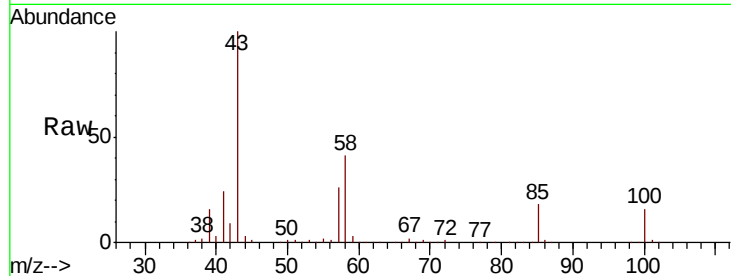
ClientSampled :

Tot Ion: 43 Resp: 720243

Ion Ratio Lower Upper

43 100

58 41.0 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

400000

300000

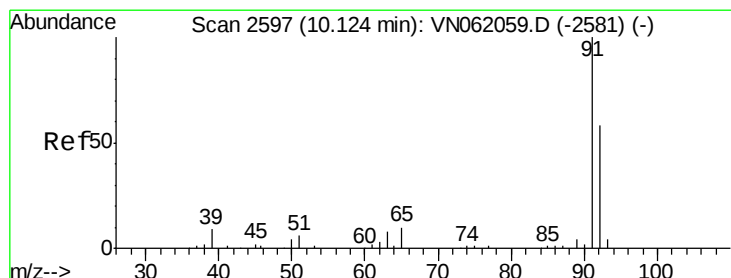
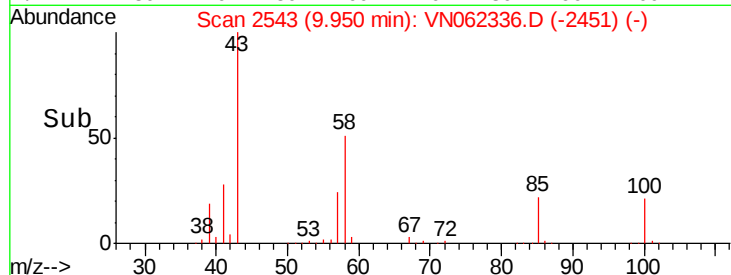
200000

100000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 51.522 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062336.D

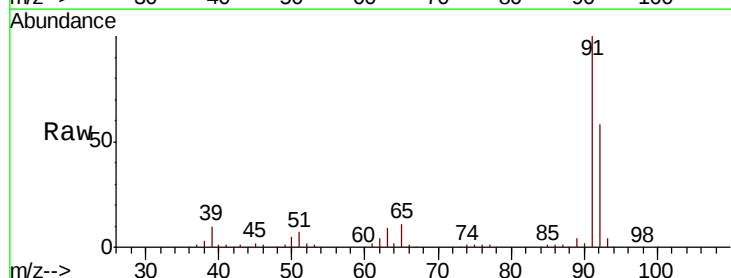
Acq: 2 Jul 2020 16:21

Tgt Ion: 92 Resp: 298919

Ion Ratio Lower Upper

92 100

91 173.0 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

300000

250000

200000

150000

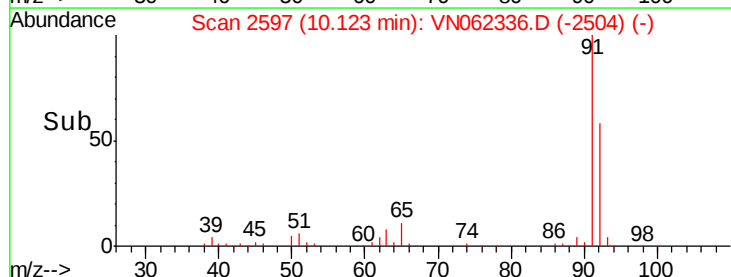
100000

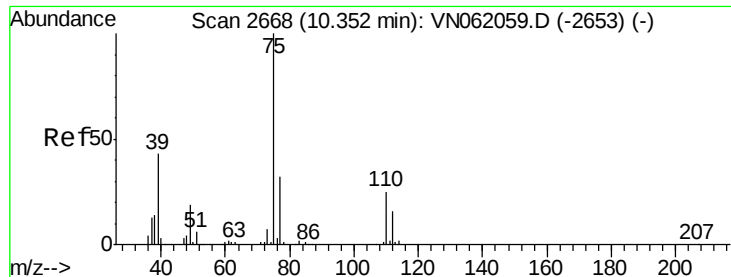
50000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.954 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

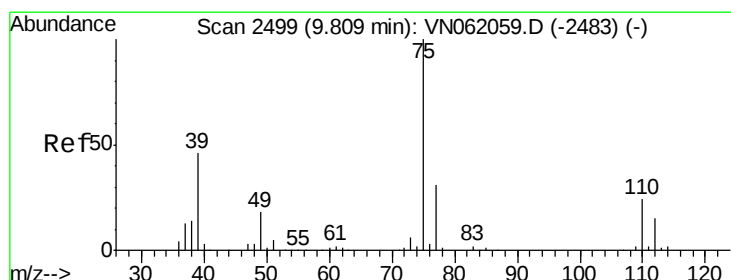
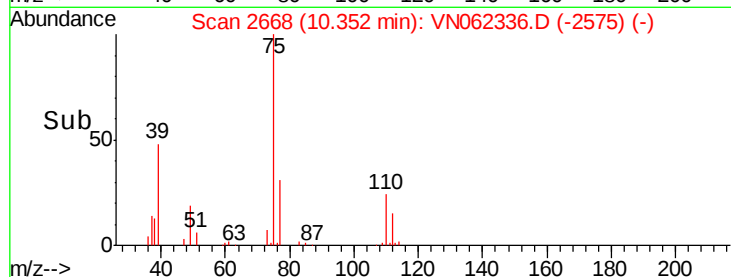
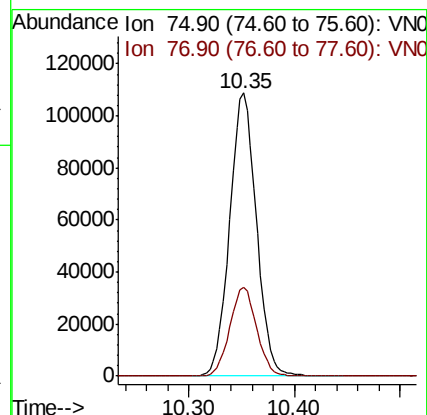
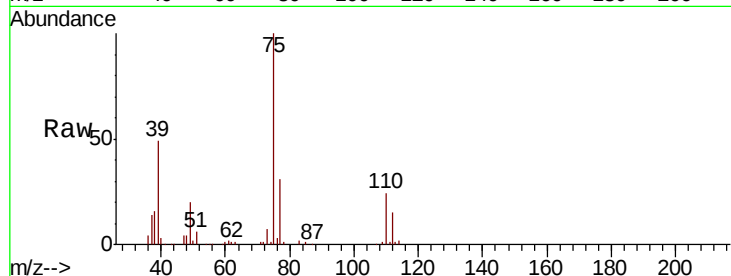
ClientSampleId :

Tot Ion: 75 Resp: 190629

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 54.857 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

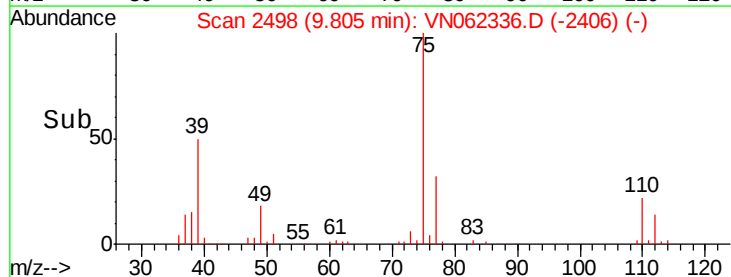
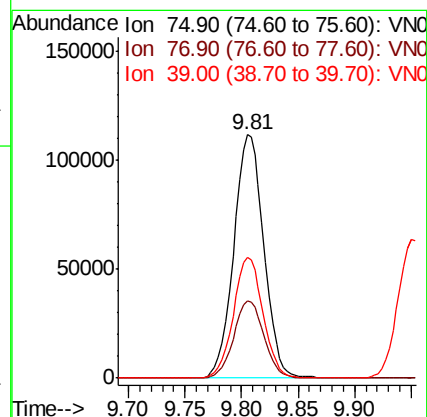
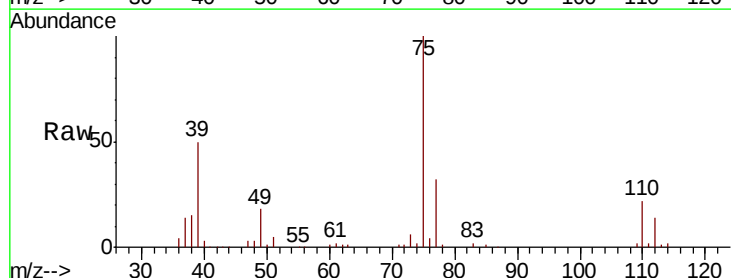
Tgt Ion: 75 Resp: 206348

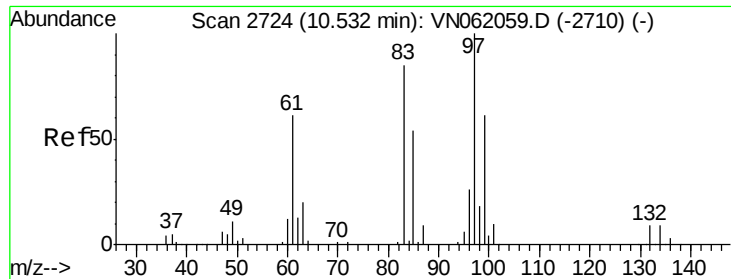
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

39 49.8 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 51.688 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 117882

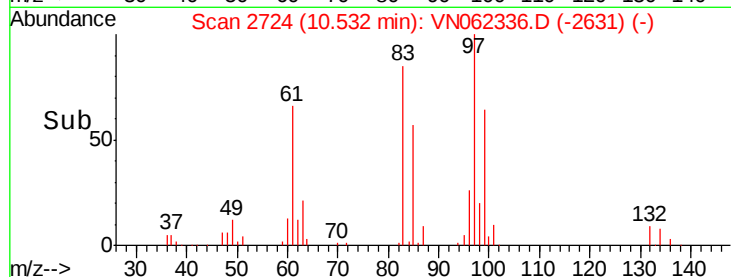
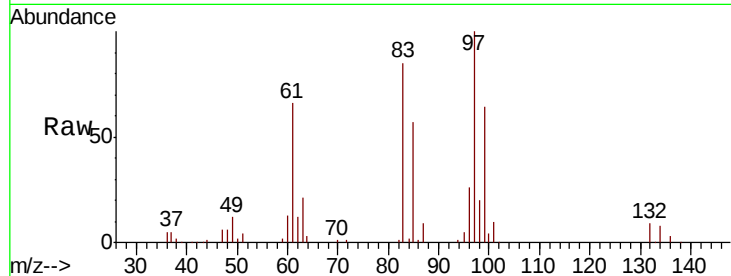
Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.2	102.2
85	57.3	43.2	64.8
99	64.0	48.5	72.7

97 100

83 85.4 68.2 102.2

85 57.3 43.2 64.8

99 64.0 48.5 72.7

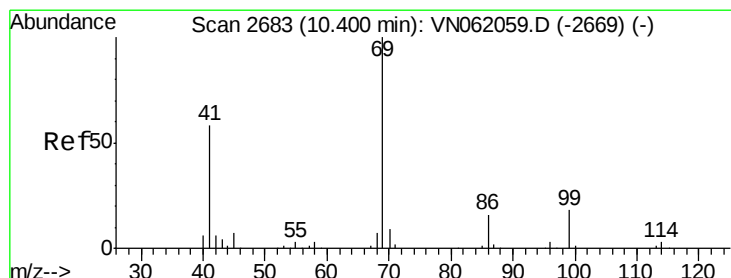
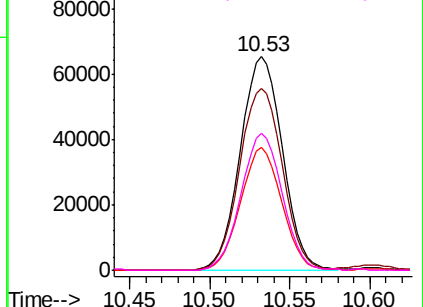


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 57.830 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

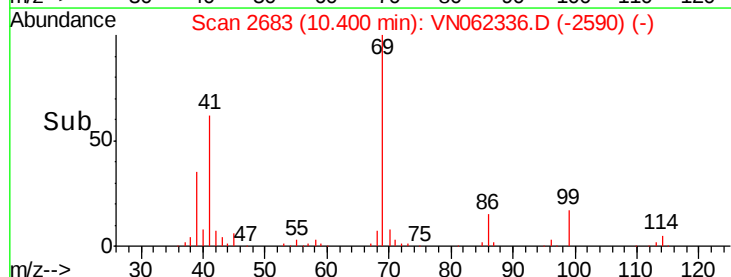
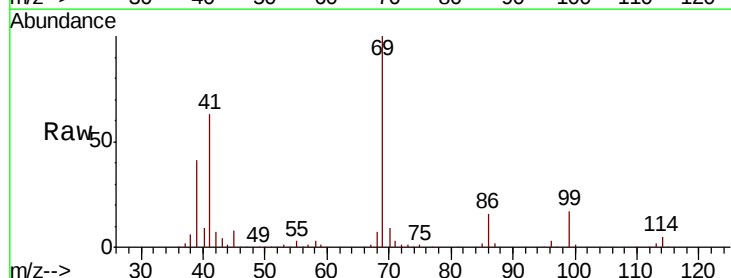
Tgt Ion: 69 Resp: 176011

Ion	Ratio	Lower	Upper
69	100		
41	62.4	46.6	70.0
39	40.0	31.0	46.4

69 100

41 62.4 46.6 70.0

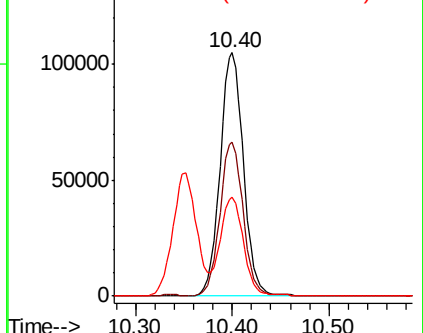
39 40.0 31.0 46.4

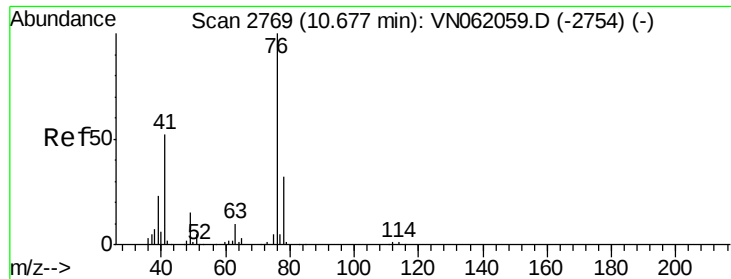


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 53.010 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

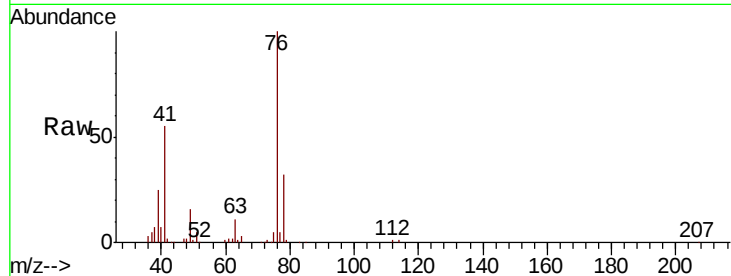
ClientSampled :

Tot Ion: 76 Resp: 208091

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN062059.D (-2754) (-)

Ion 77.90 (77.60 to 78.60): VN062059.D (-2754) (-)

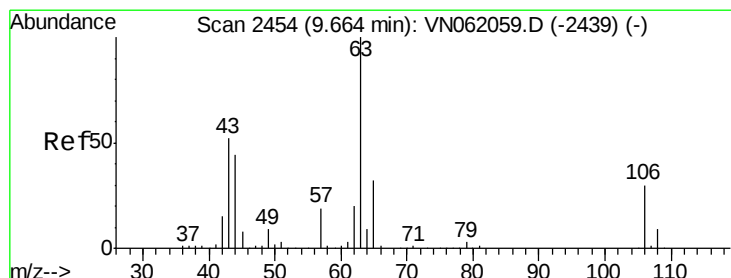
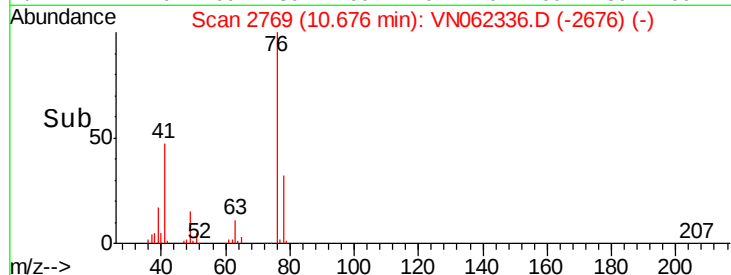
10.68

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 238.517 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062336.D

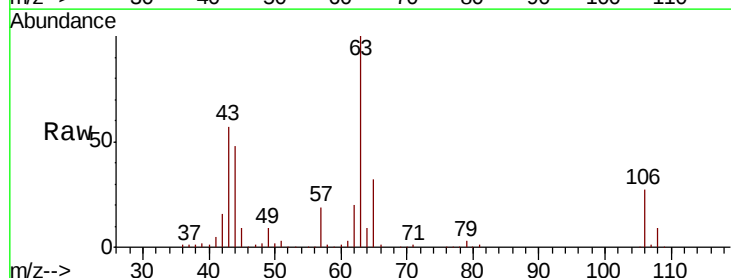
Acq: 2 Jul 2020 16:21

Tgt Ion: 63 Resp: 308052

Ion Ratio Lower Upper

63 100

106 27.4 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN062059.D (-2439) (-)

Ion 105.90 (105.60 to 106.60): VN062059.D (-2439) (-)

9.66

200000

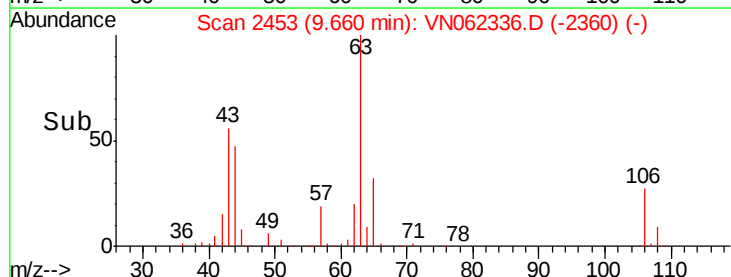
150000

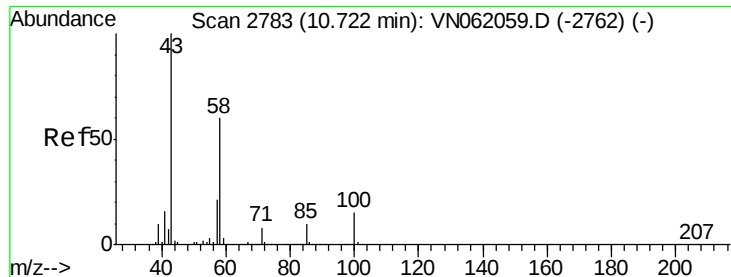
100000

50000

0

Time-->

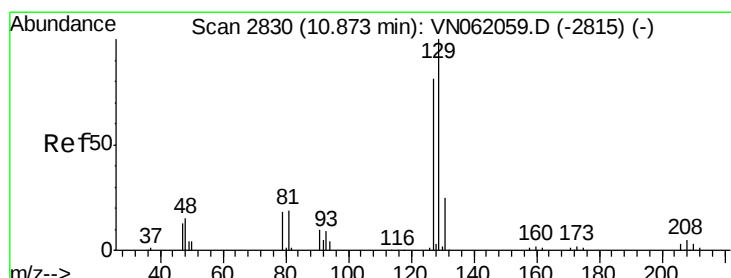
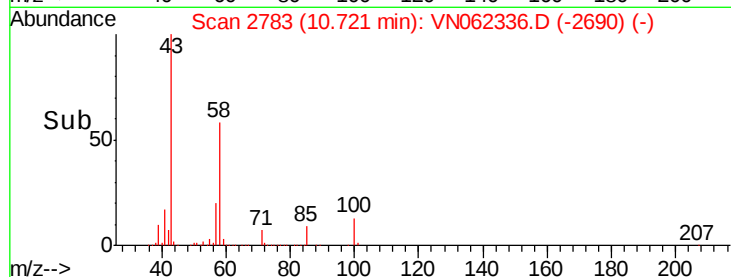
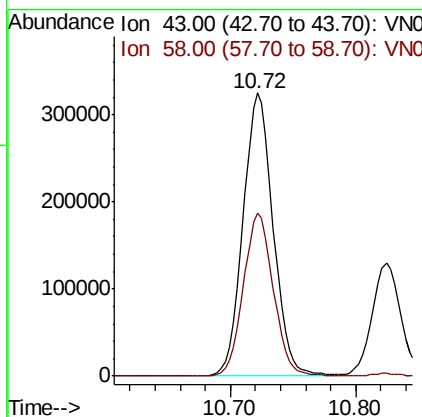
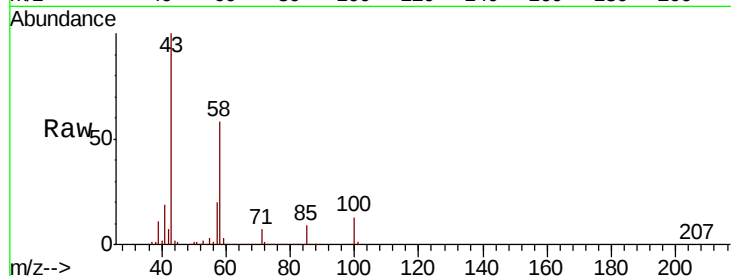




#59
2-Hexanone
Concen: 304.901 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

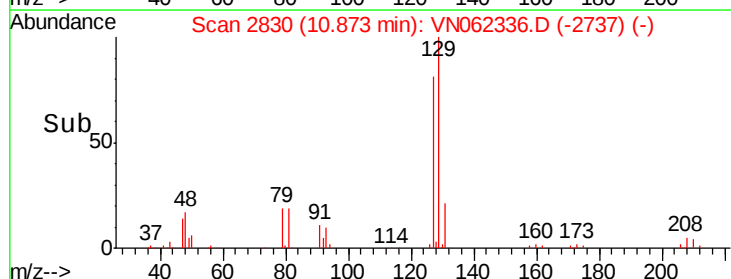
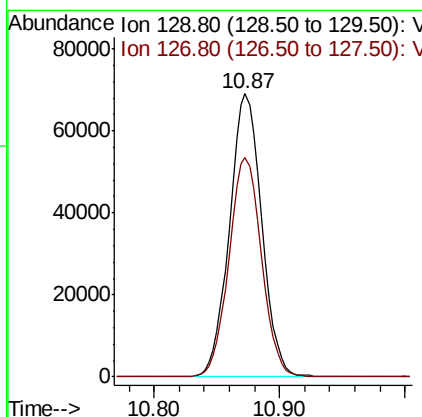
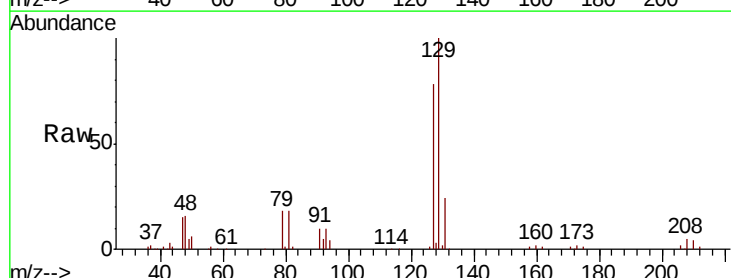
Instrument :
MSVOA_N
ClientSampled :

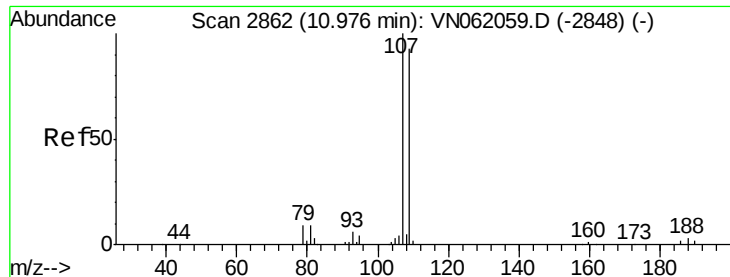
Tot Ion: 43 Resp: 541706
Ion Ratio Lower Upper
43 100
58 57.5 29.5 88.5



#60
Dibromochloromethane
Concen: 50.998 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 129 Resp: 123136
Ion Ratio Lower Upper
129 100
127 78.4 39.5 118.5

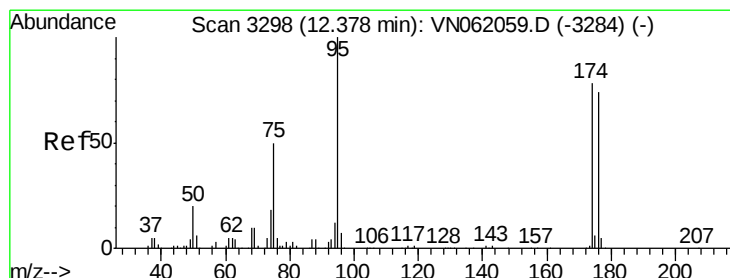
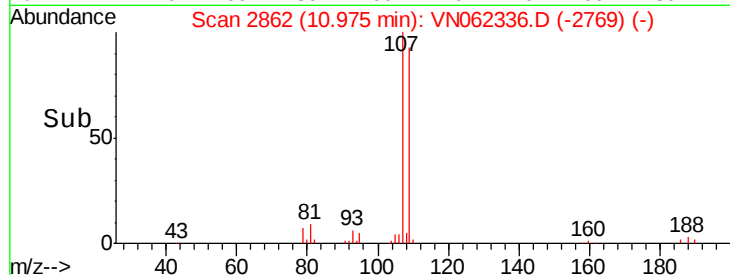
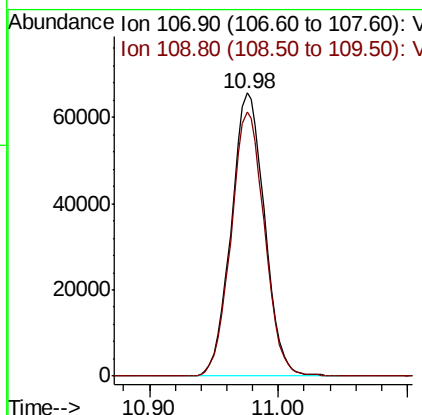
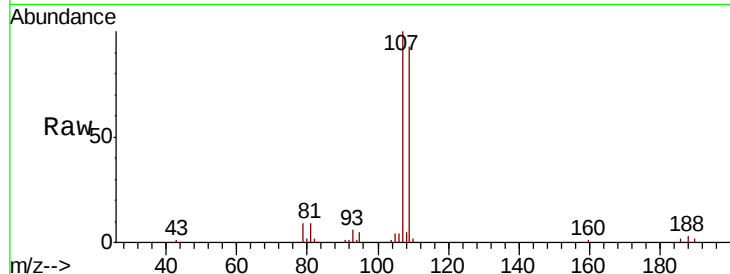




#61
 1,2-Dibromoethane
 Concen: 50.265 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

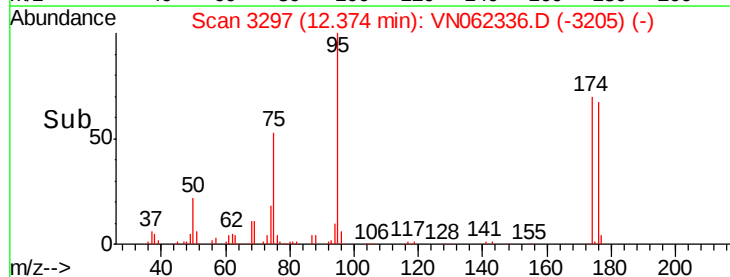
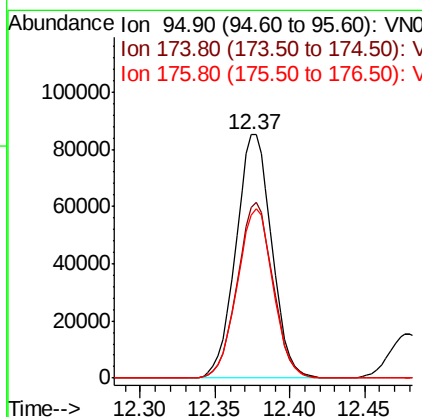
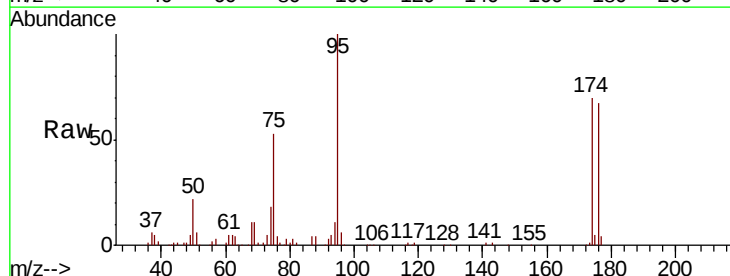
Instrument :
 MSVOA_N
 ClientSampleId :

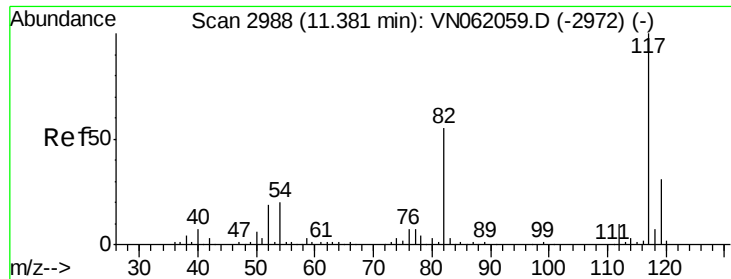
Tot Ion:107 Resp: 117790
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 52.785 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion: 95 Resp: 141948
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 154.8
 176 69.7 0.0 147.4

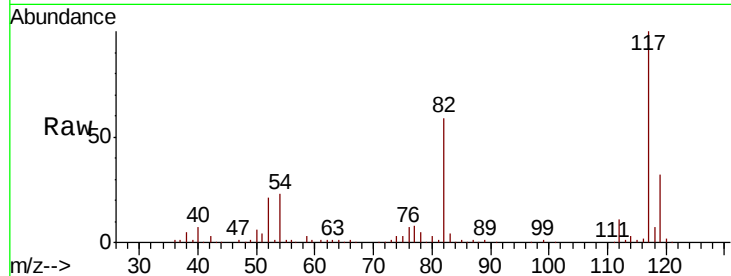




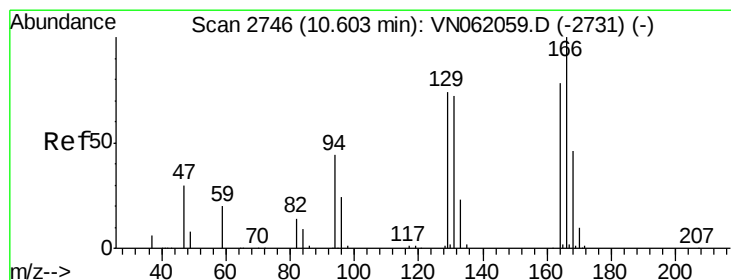
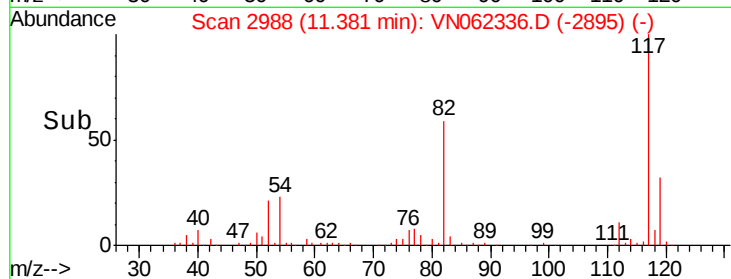
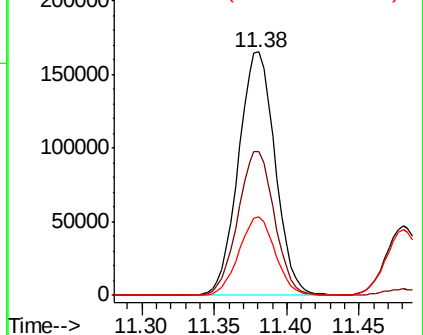
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 291436
Ion Ratio Lower Upper
117 100
82 58.9 43.8 65.8
119 32.0 25.2 37.8

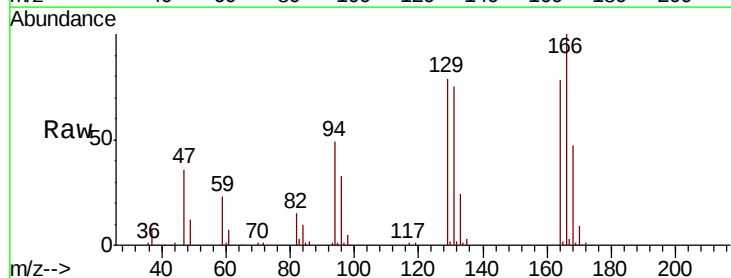


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

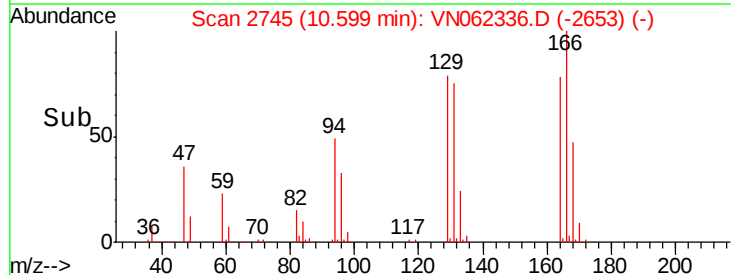
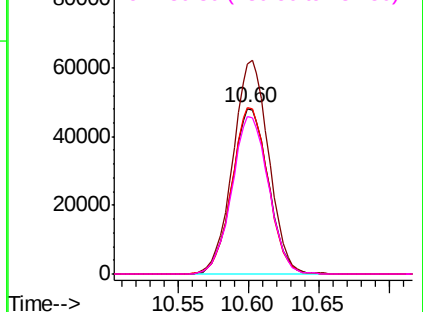


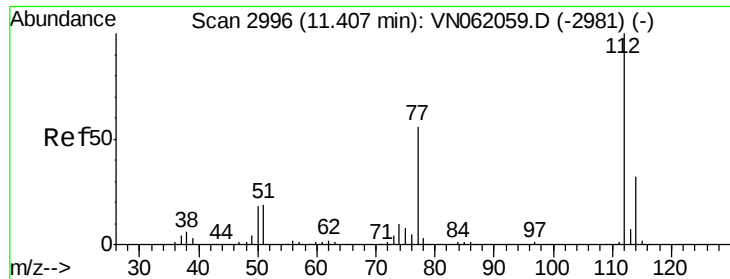
#64
Tetrachloroethene
Concen: 43.484 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:164 Resp: 86567
Ion Ratio Lower Upper
164 100
166 127.4 102.9 154.3
129 100.8 75.8 113.8
131 95.2 73.8 110.6



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

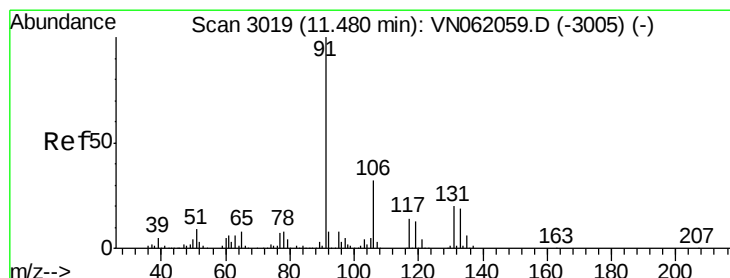
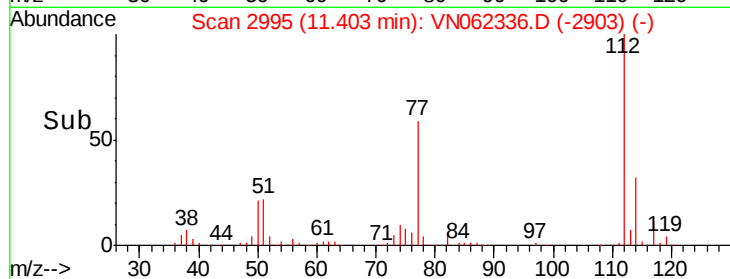
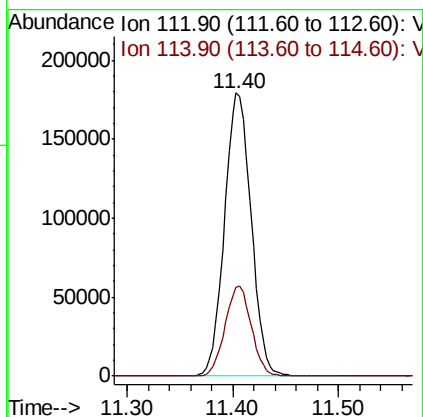
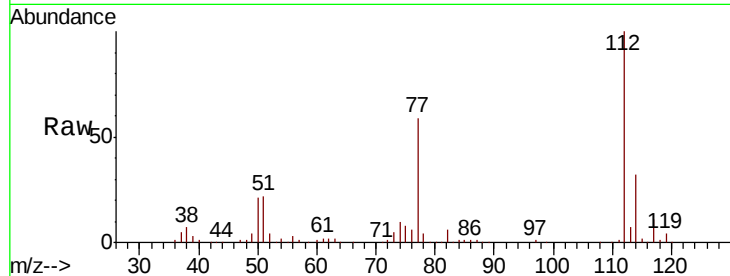




#65
Chlorobenzene
Concen: 48.894 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

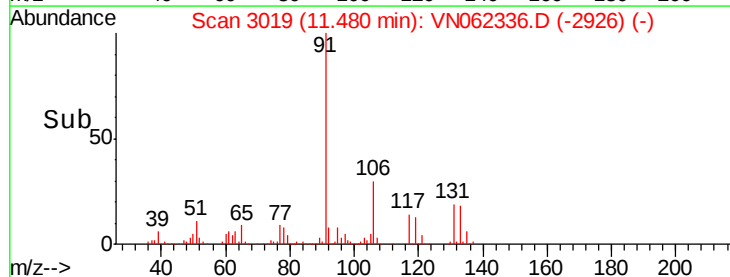
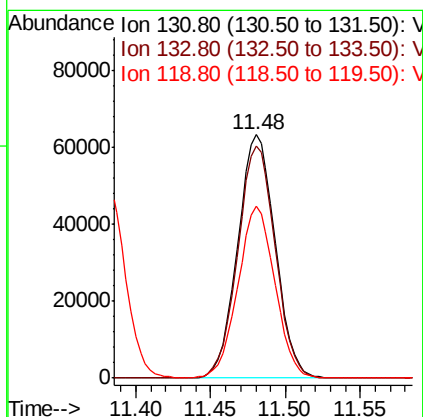
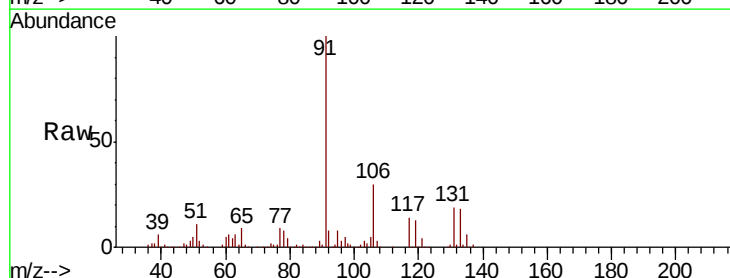
Instrument :
MSVOA_N
ClientSampled :

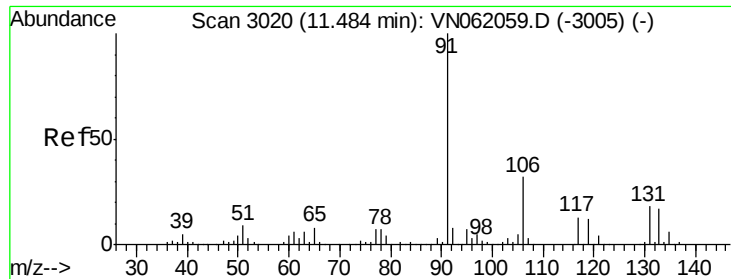
Tot Ion:112 Resp: 312918
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.785 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:131 Resp: 110177
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 69.7 34.4 103.3

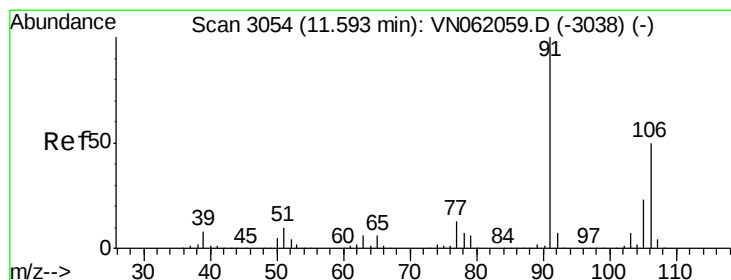
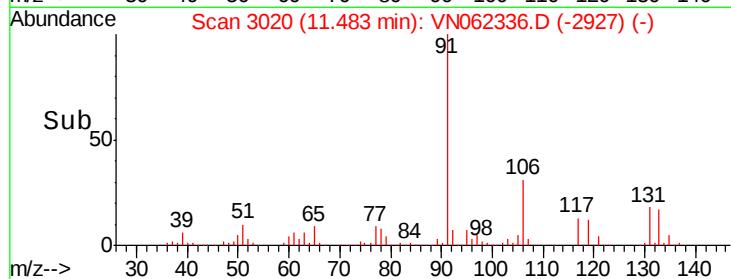
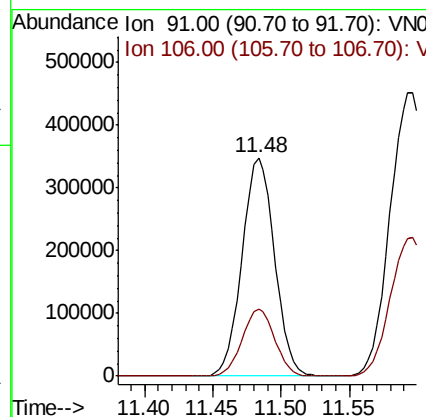
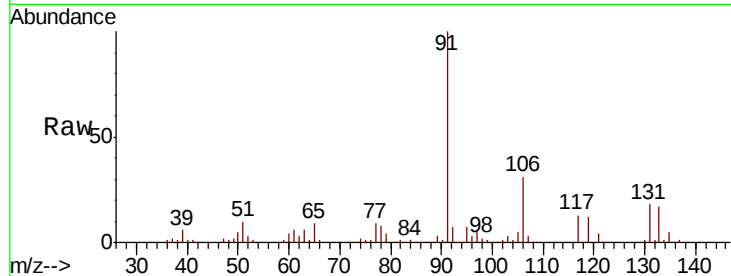




#67
Ethyl Benzene
Concen: 53.267 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

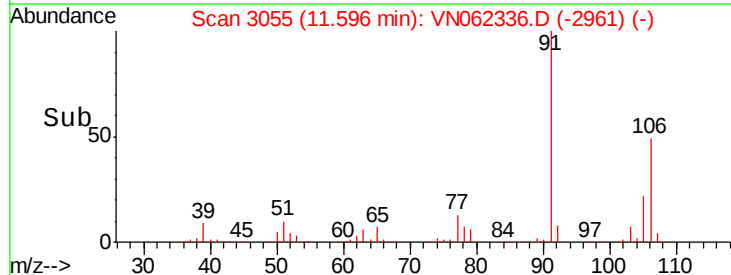
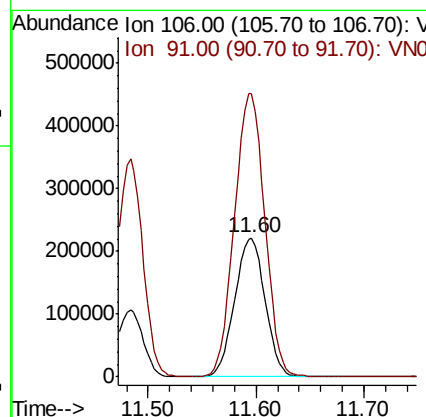
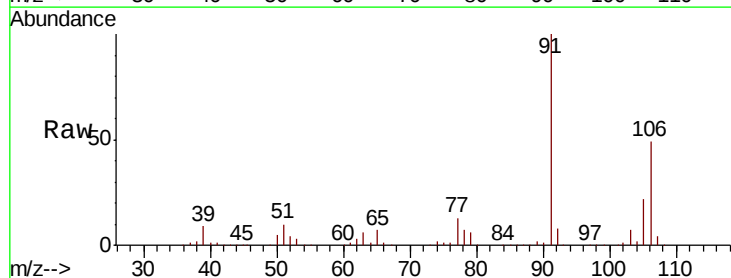
Instrument :
MSVOA_N
ClientSampled :

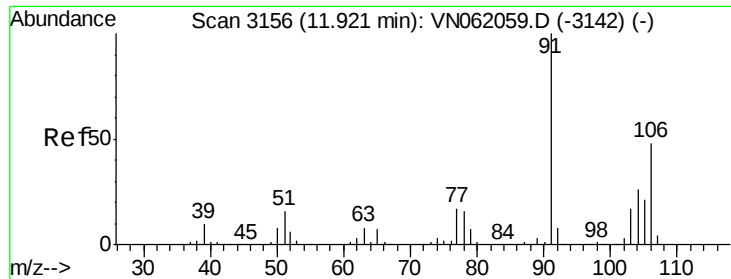
Tot Ion: 91 Resp: 575756
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9



#68
m/p-Xylenes
Concen: 103.712 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 106 Resp: 433582
Ion Ratio Lower Upper
106 100
91 204.0 157.8 236.8

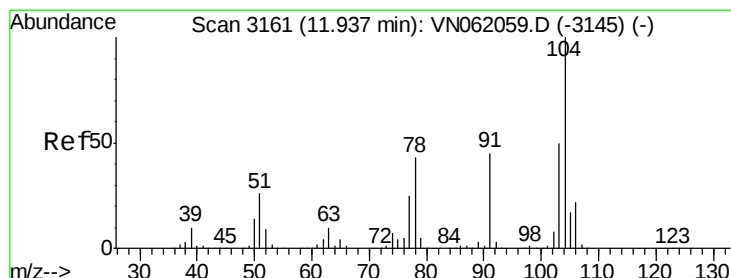
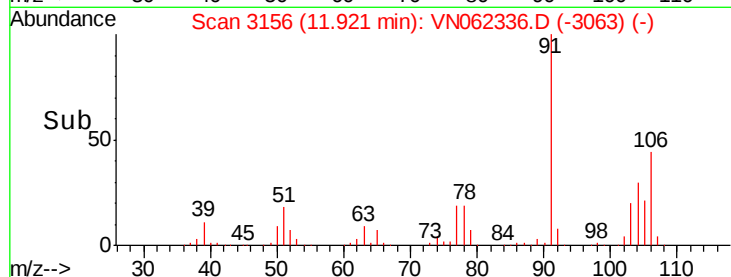
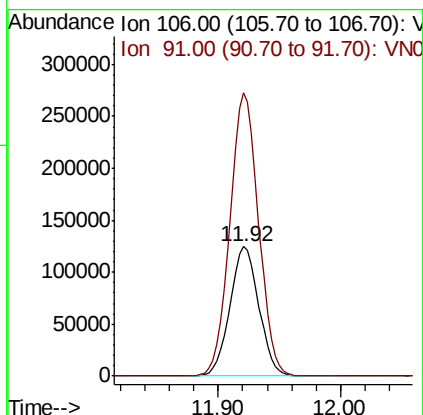
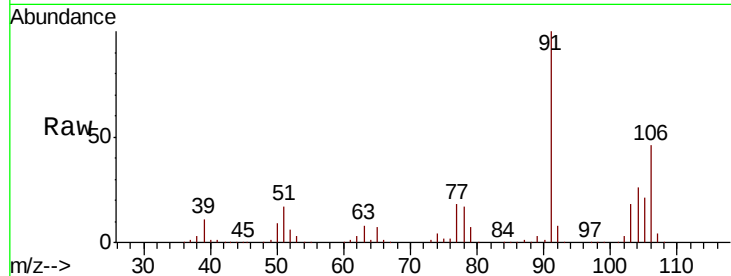




#69
o-Xylene
Concen: 52.108 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

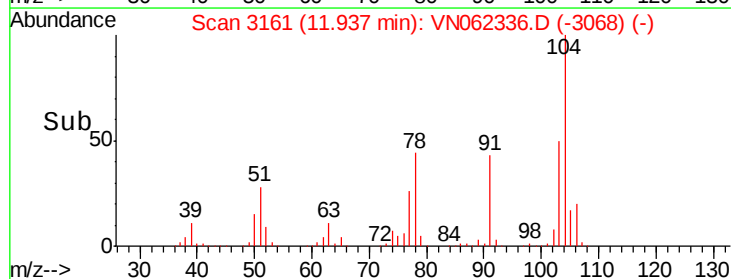
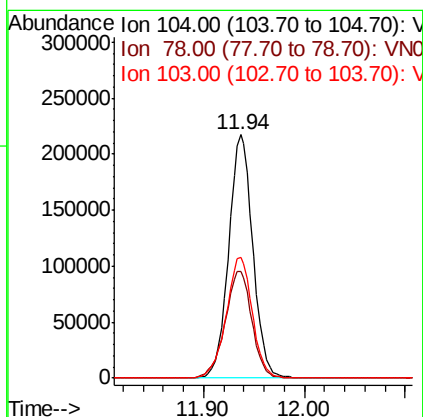
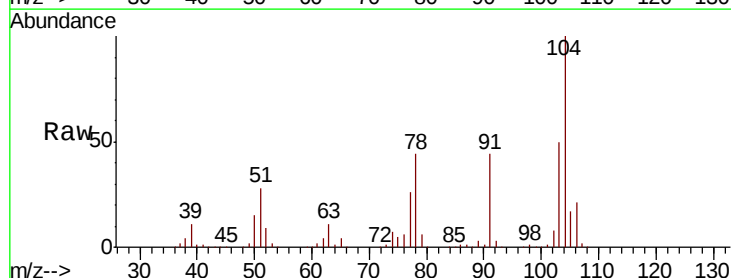
Instrument :
MSVOA_N
ClientSampled :

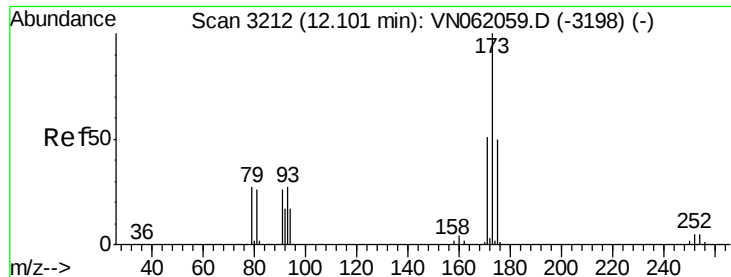
Tot Ion:106 Resp: 205540
Ion Ratio Lower Upper
106 100
91 217.0 104.0 311.9



#70
Styrene
Concen: 55.073 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:104 Resp: 362294
Ion Ratio Lower Upper
104 100
78 48.7 37.7 56.5
103 54.0 43.0 64.6





#71

Bromoform

Concen: 50.954 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

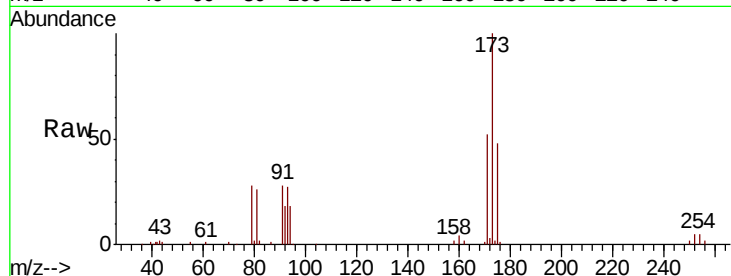
Tot Ion:173 Resp: 80175

Ion Ratio Lower Upper

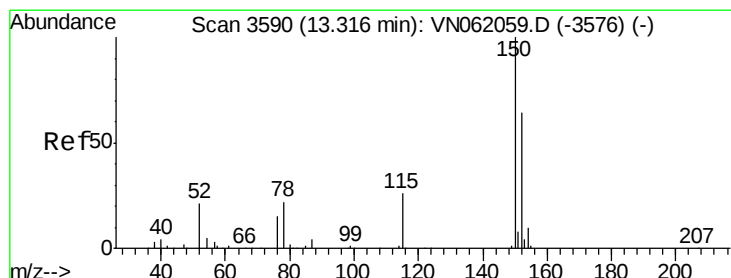
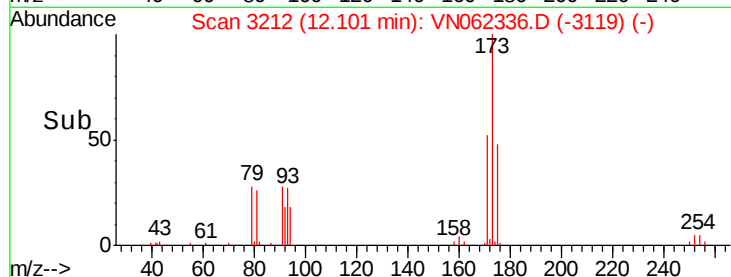
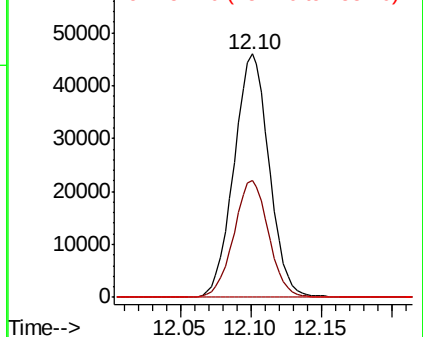
173 100

175 47.6 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# 3590

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

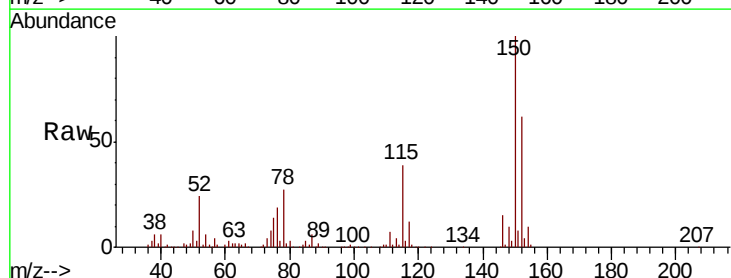
Tgt Ion:152 Resp: 144642

Ion Ratio Lower Upper

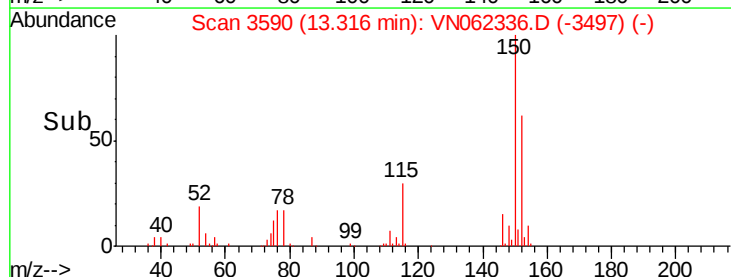
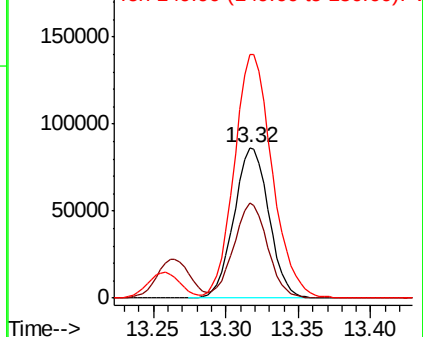
152 100

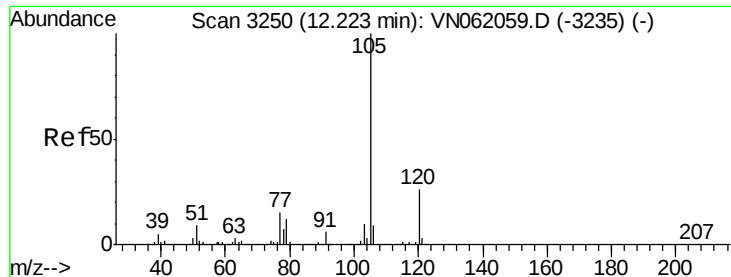
115 60.8 29.5 88.5

150 176.6 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: 50.377 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

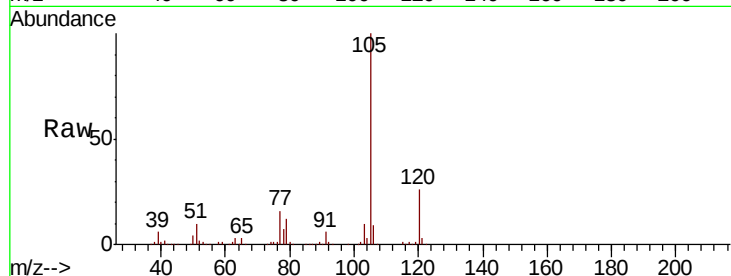
ClientSampled :

Tot Ion:105 Resp: 564039

Ion Ratio Lower Upper

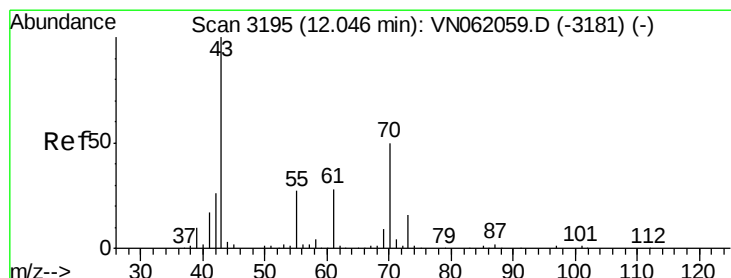
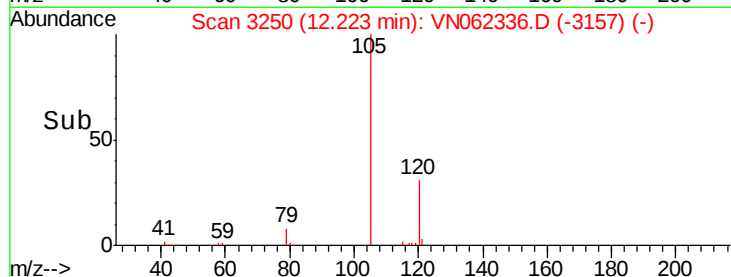
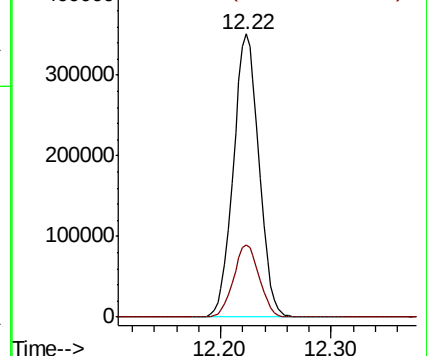
105 100

120 25.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.012 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Tgt Ion: 43 Resp: 210550

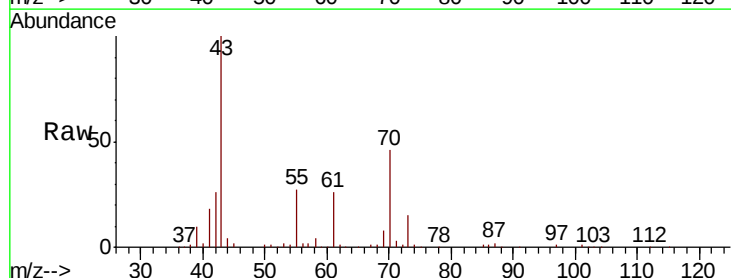
Ion Ratio Lower Upper

43 100

70 47.1 39.4 59.2

55 27.3 21.7 32.5

61 26.2 21.3 31.9

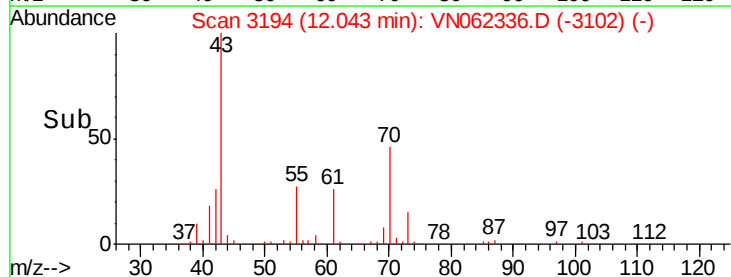
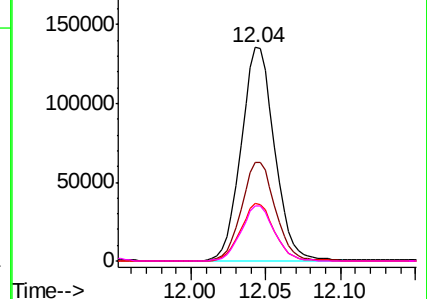


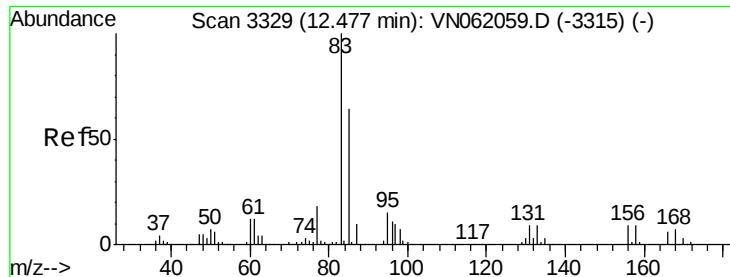
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.078 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampled :

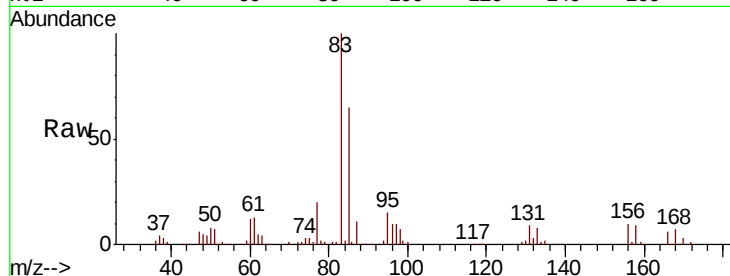
Tot Ion: 83 Resp: 179134

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

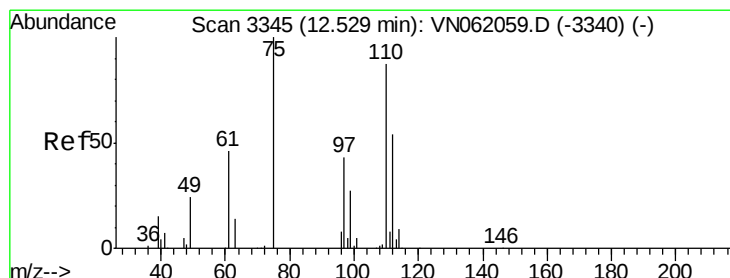
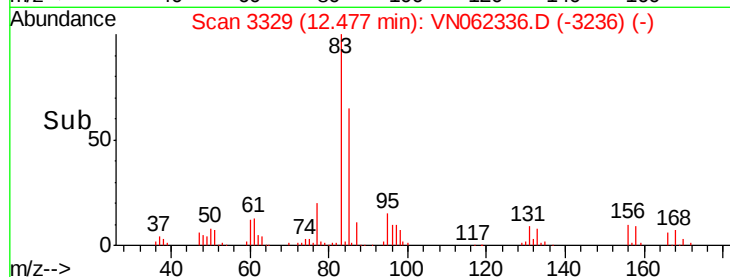
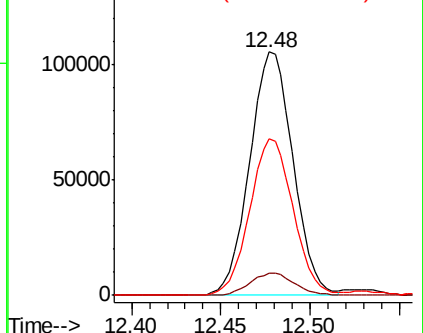
85 64.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062336.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062336.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062336.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 67.289 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062336.D

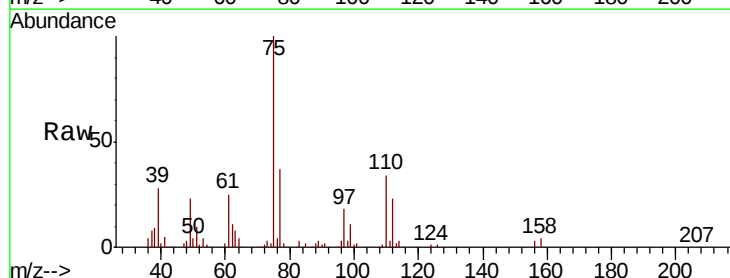
Acq: 2 Jul 2020 16:21

Tgt Ion: 75 Resp: 229120

Ion Ratio Lower Upper

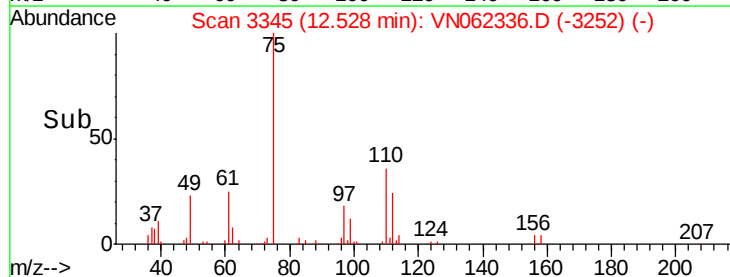
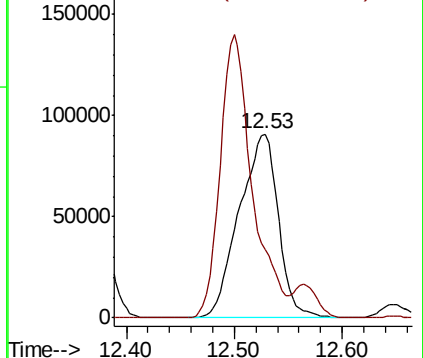
75 100

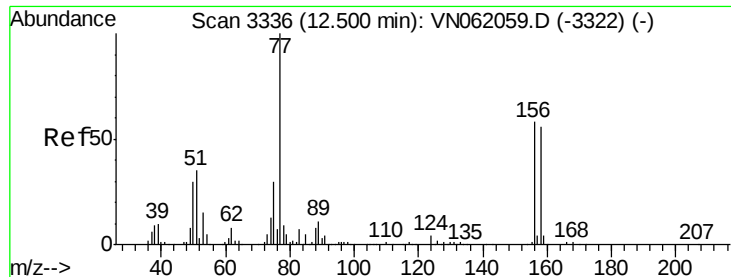
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062336.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062336.D (-3252) (-)

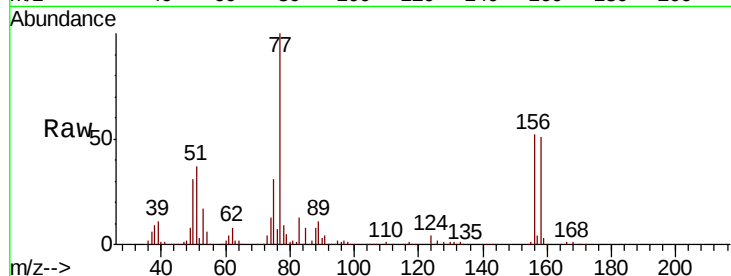




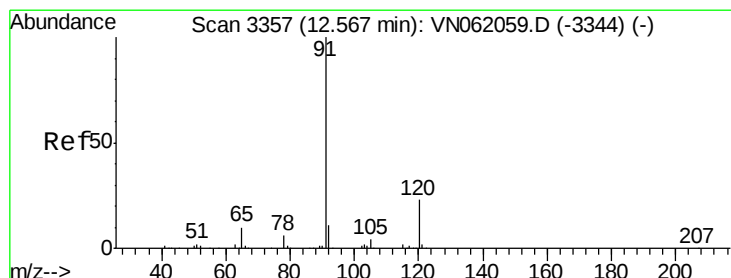
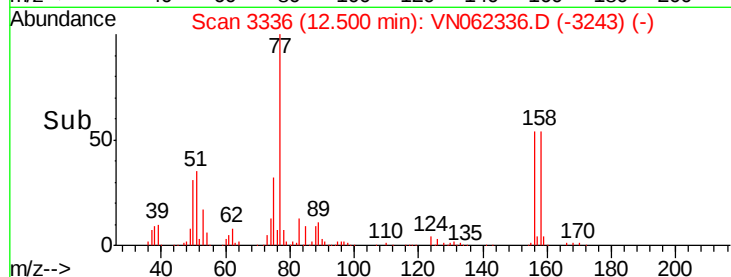
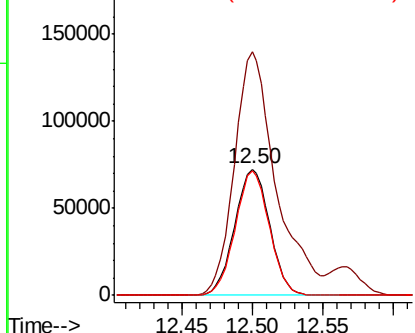
#77
Bromobenzene
Concen: 45.353 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:156 Resp: 126069
Ion Ratio Lower Upper
156 100
77 230.7 104.6 313.8
158 96.4 48.0 144.0

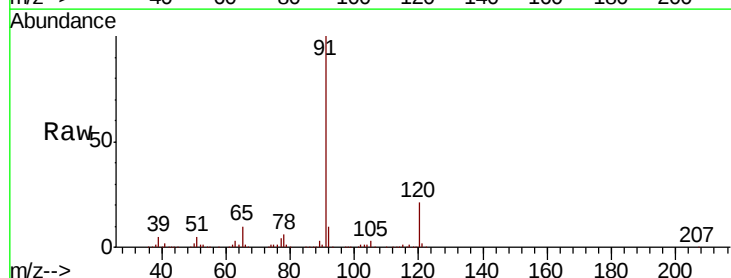


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

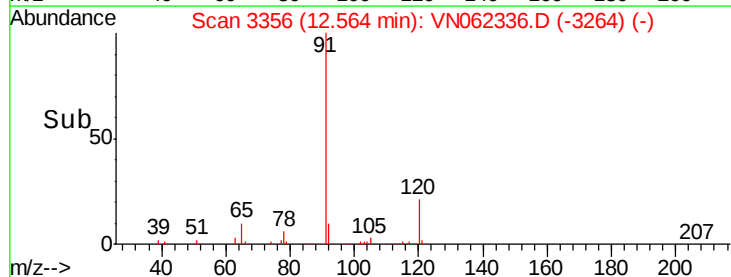
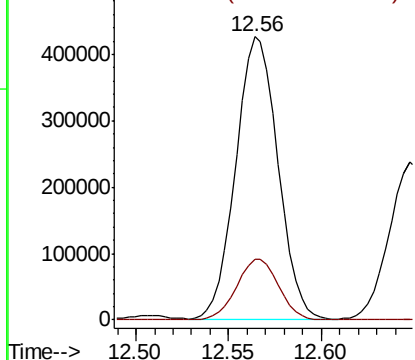


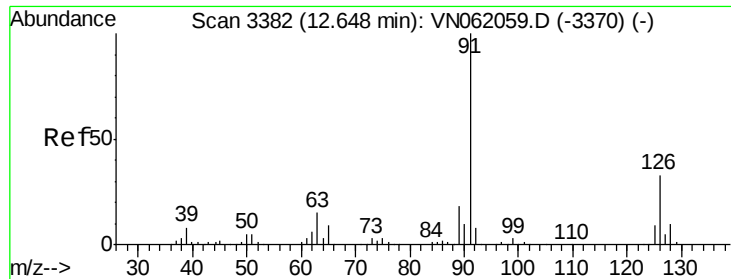
#78
n-propylbenzene
Concen: 52.440 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 91 Resp: 671600
Ion Ratio Lower Upper
91 100
120 21.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.149 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

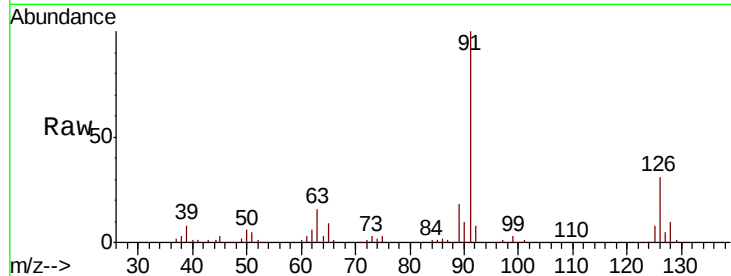
ClientSampled :

Tot Ion: 91 Resp: 388279

Ion Ratio Lower Upper

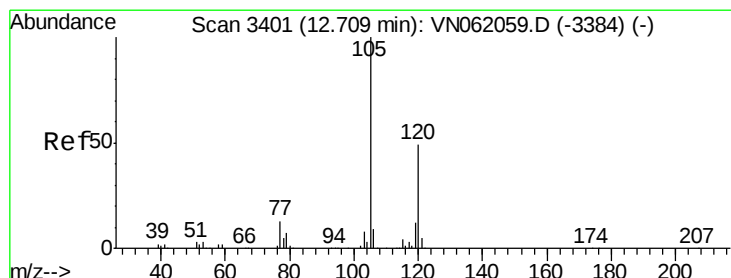
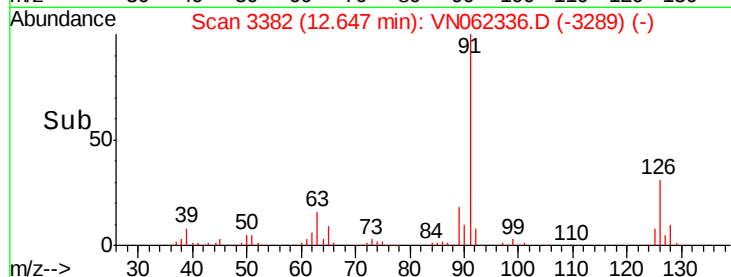
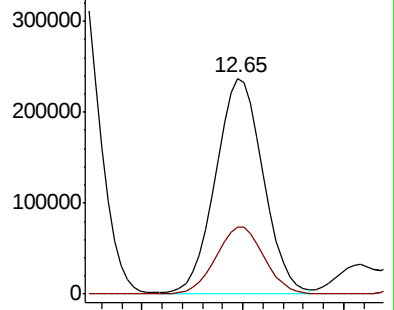
91 100

126 31.7 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN062336.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062336.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.196 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062336.D

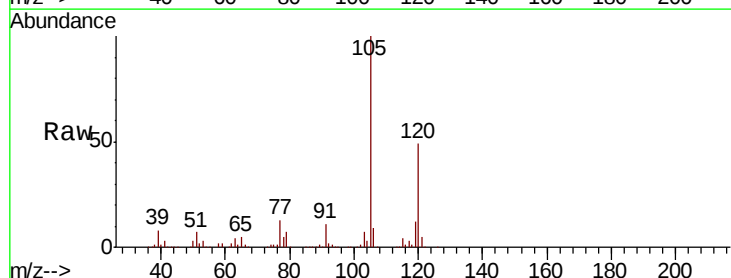
Acq: 2 Jul 2020 16:21

Tgt Ion: 105 Resp: 473751

Ion Ratio Lower Upper

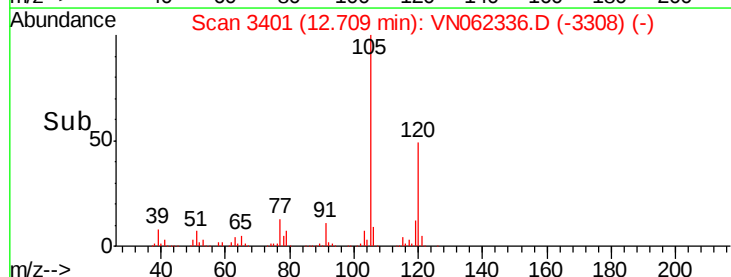
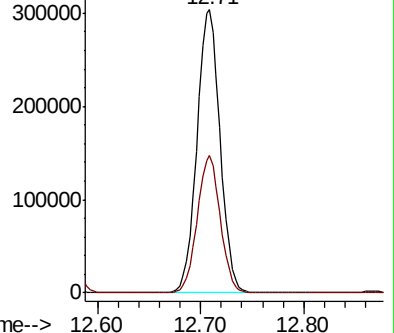
105 100

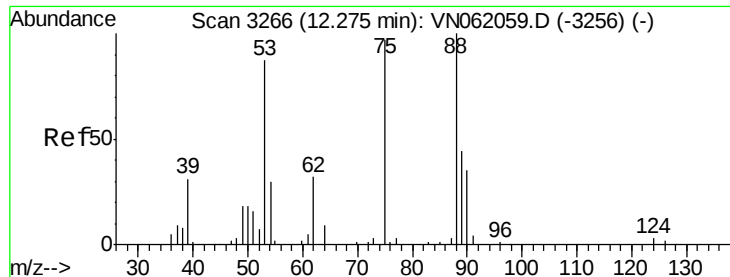
120 48.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062336.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN062336.D (-3398) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.281 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

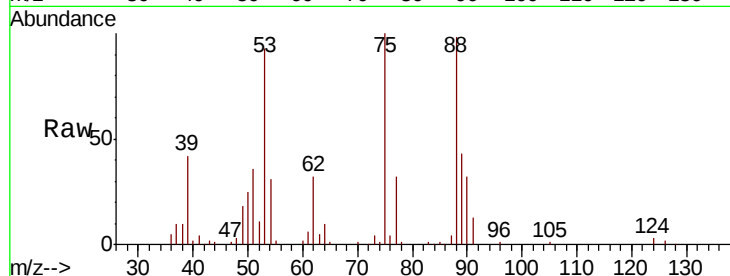
Tot Ion: 75 Resp: 62123

Ion Ratio Lower Upper

75 100

53 93.3 72.0 108.0

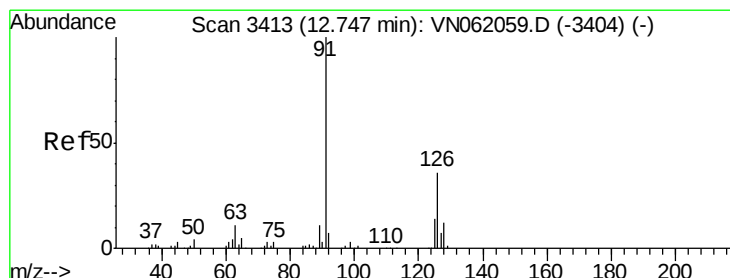
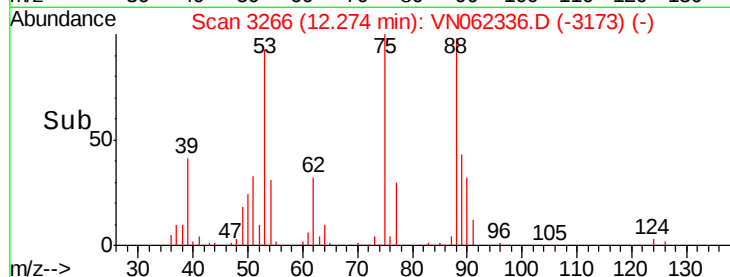
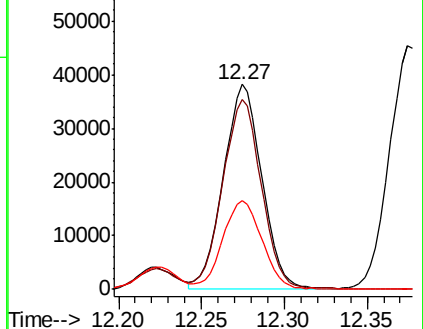
89 43.7 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062059.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062059.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 51.799 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062336.D

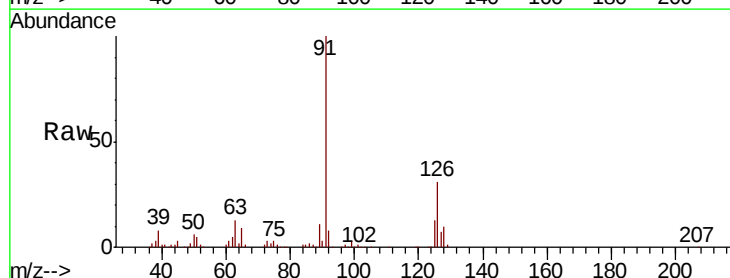
Acq: 2 Jul 2020 16:21

Tgt Ion: 91 Resp: 414731

Ion Ratio Lower Upper

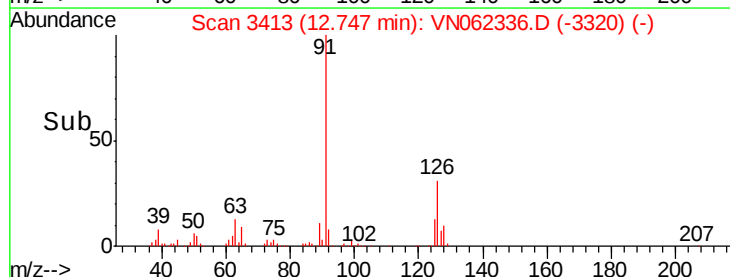
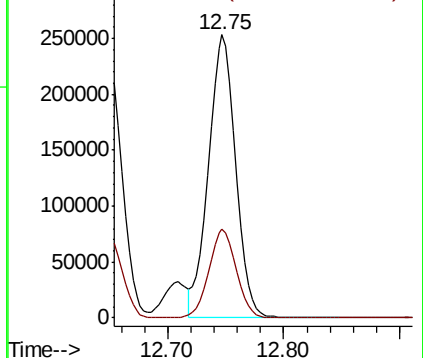
91 100

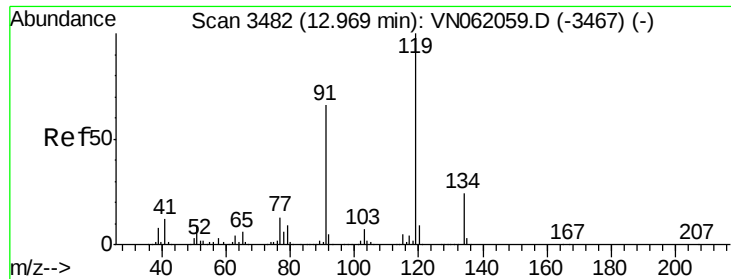
126 31.5 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3404) (-)

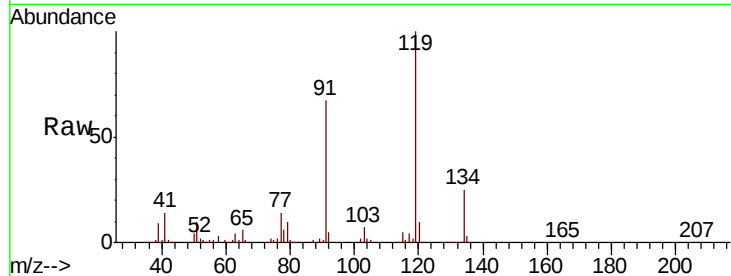




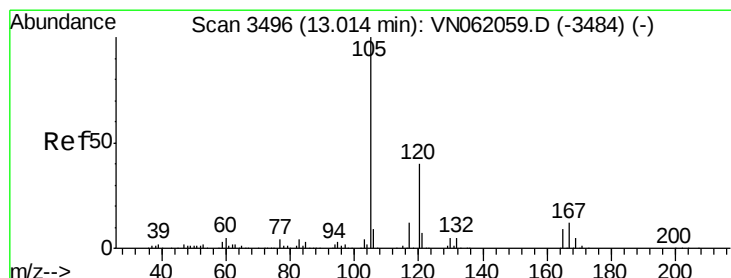
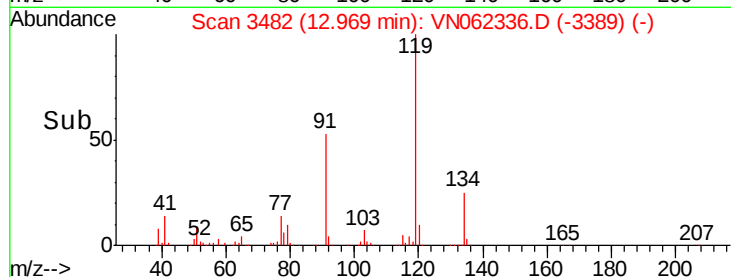
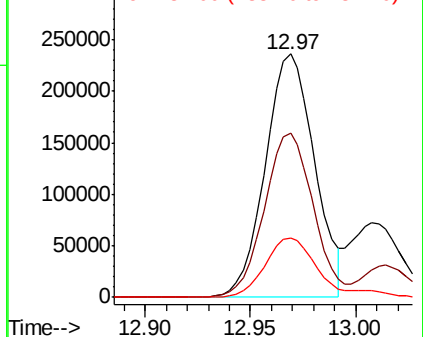
#83
tert-Butylbenzene
Concen: 49.414 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 383834
Ion Ratio Lower Upper
119 100
91 67.4 31.7 95.1
134 24.9 13.1 39.1

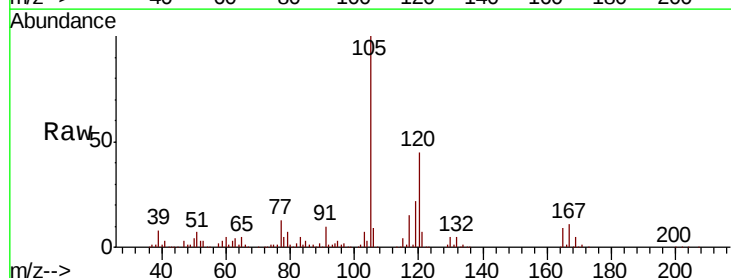


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

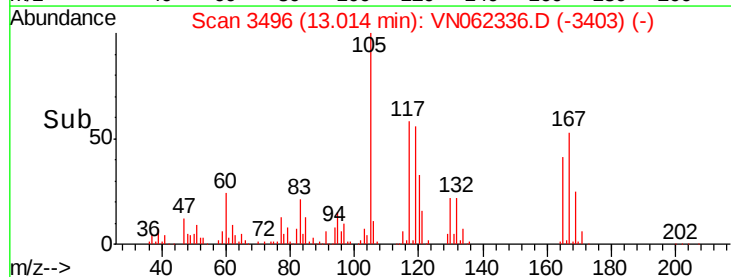
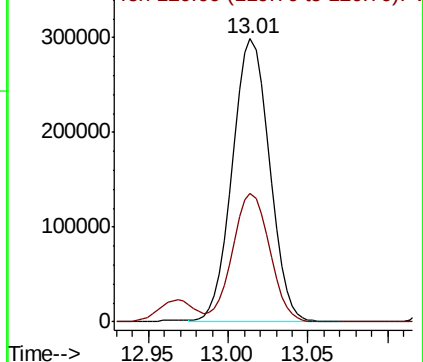


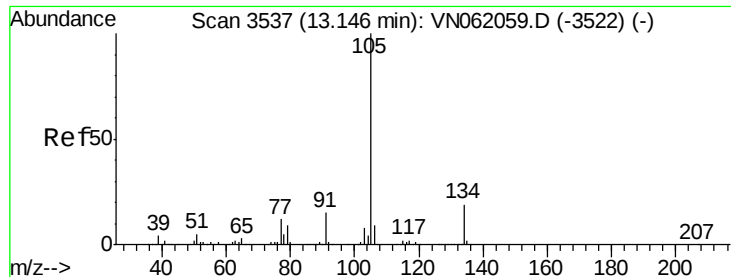
#84
1,2,4-Trimethylbenzene
Concen: 51.939 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:105 Resp: 470826
Ion Ratio Lower Upper
105 100
120 45.5 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.176 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

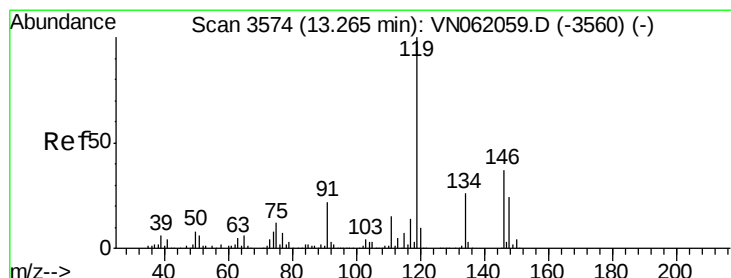
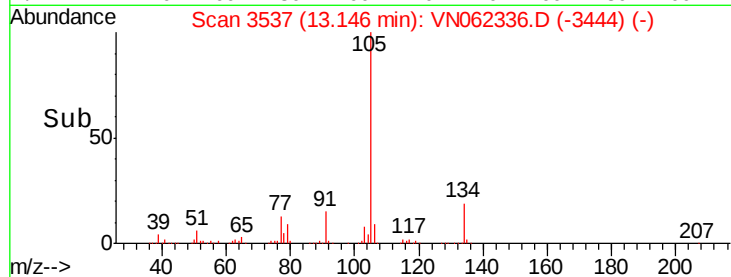
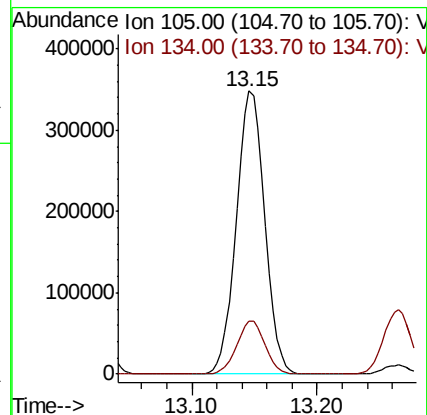
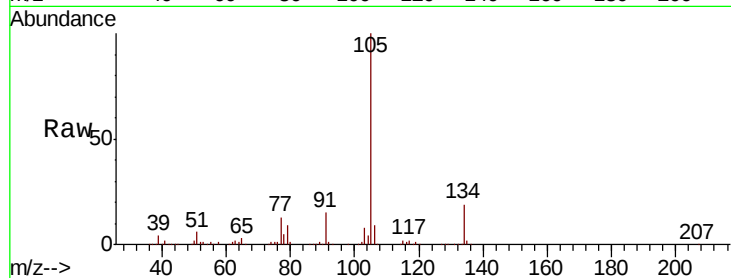
ClientSampleId :

Tot Ion:105 Resp: 545793

Ion Ratio Lower Upper

105 100

134 18.7 9.7 29.1



#86

p-Isopropyltoluene

Concen: 53.832 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

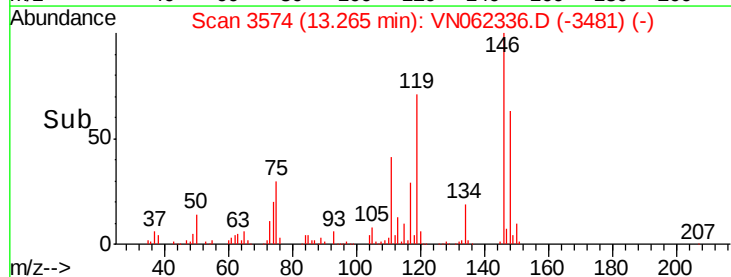
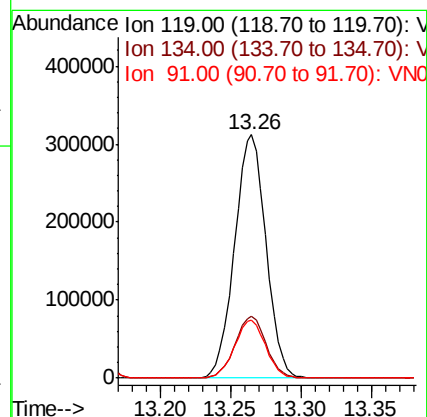
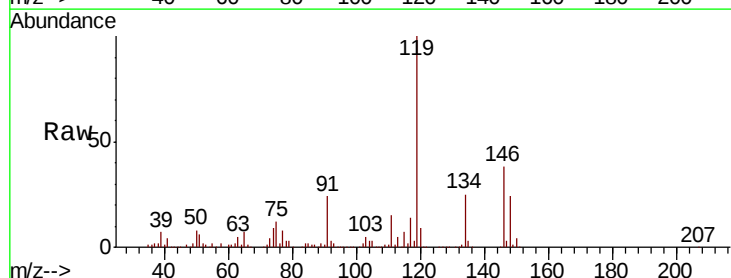
Tgt Ion:119 Resp: 484087

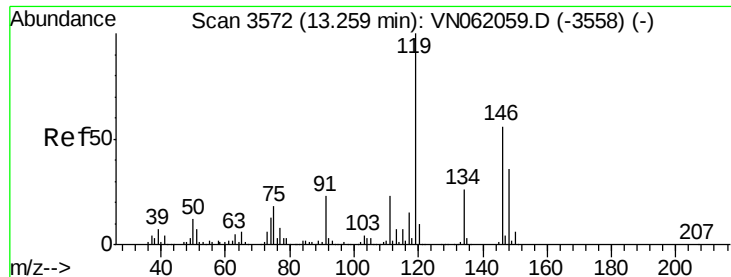
Ion Ratio Lower Upper

119 100

134 25.3 13.0 39.0

91 23.5 11.3 33.8

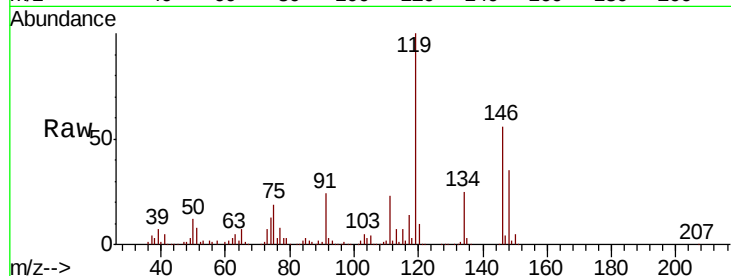




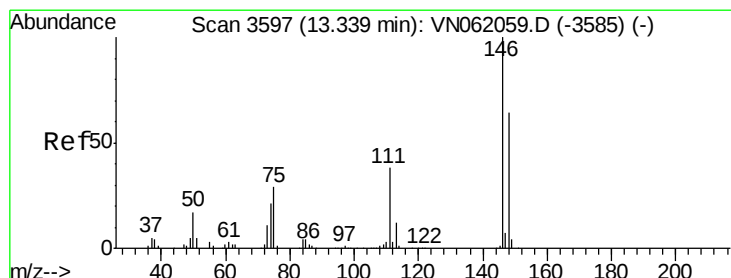
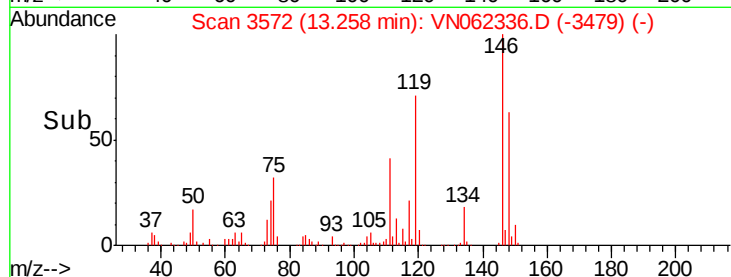
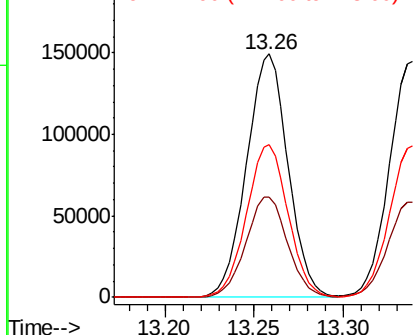
#87
 1,3-Dichlorobenzene
 Concen: 49.691 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 242548
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.3 61.0
 148 62.9 31.8 95.3

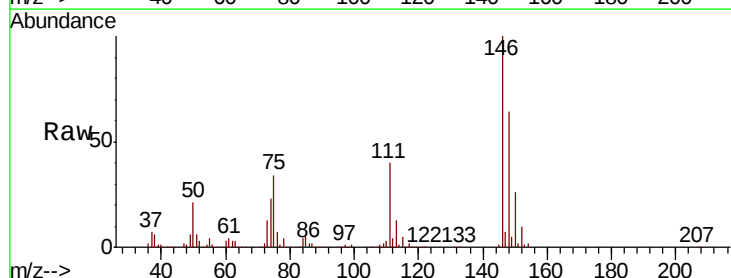


Abundance Ion 145.90 (145.60 to 146.60): V
 200000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

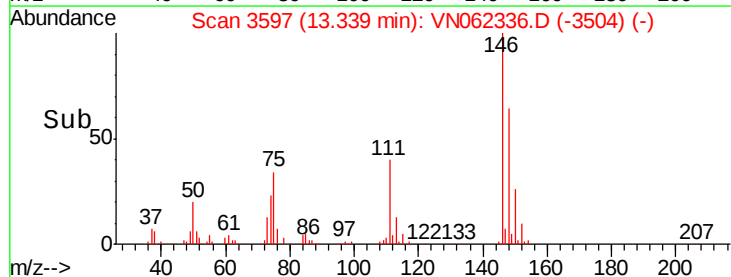
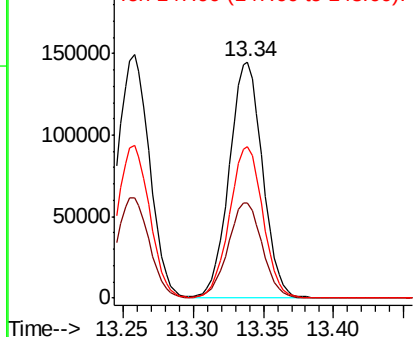


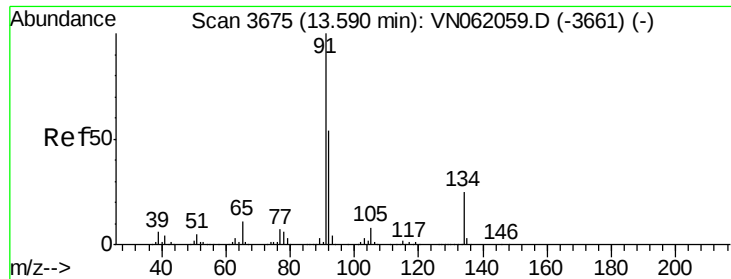
#88
 1,4-Dichlorobenzene
 Concen: 47.419 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion:146 Resp: 238591
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.9 59.6
 148 64.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
 200000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

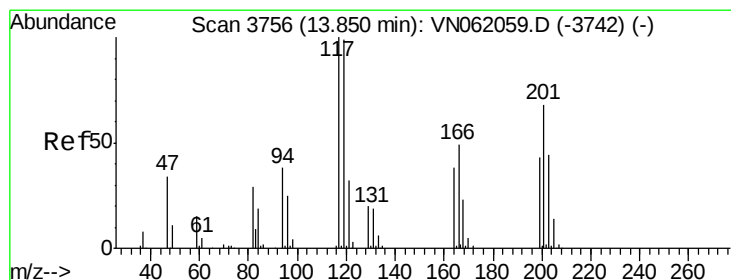
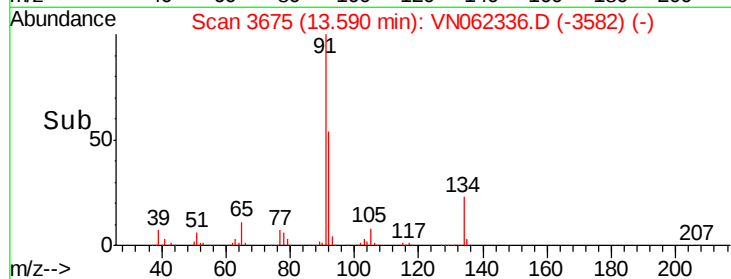
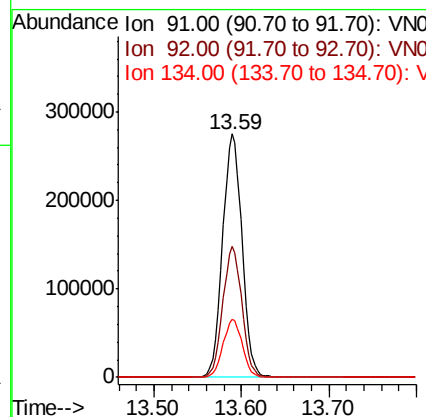
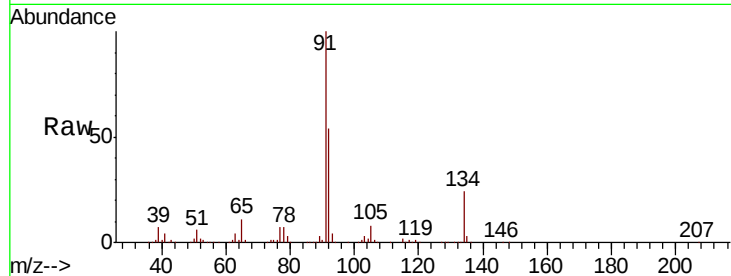




#89
n-Butylbenzene
Concen: 56.784 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

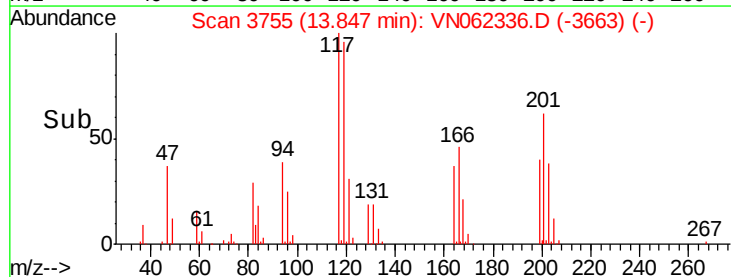
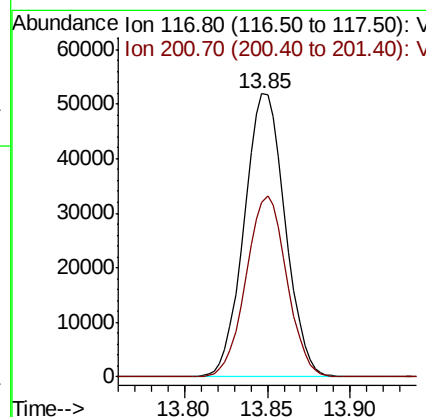
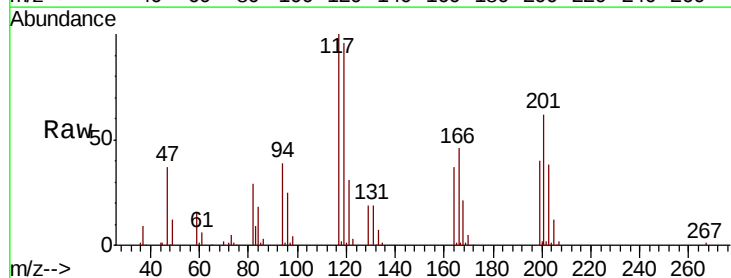
Instrument :
MSVOA_N
ClientSampleId :

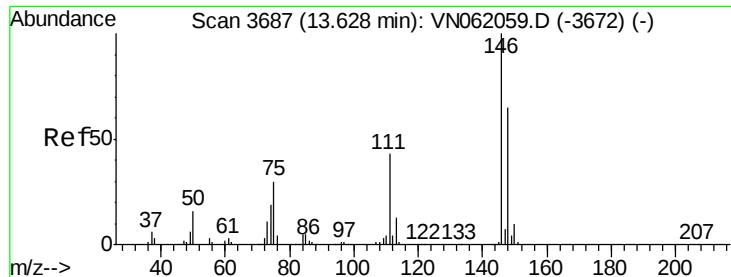
Tot Ion: 91 Resp: 424528
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.7
134 23.7 12.3 36.9



#90
Hexachloroethane
Concen: 50.514 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion: 117 Resp: 89123
Ion Ratio Lower Upper
117 100
201 63.2 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 48.964 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

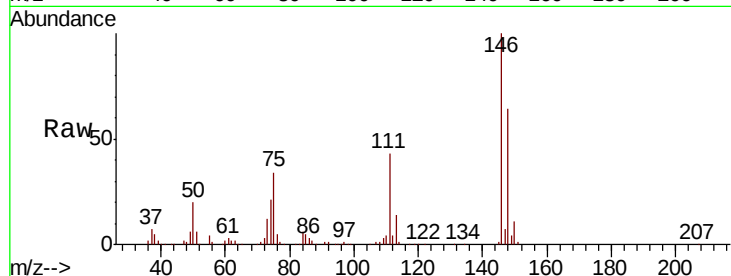
Tot Ion:146 Resp: 231759

Ion Ratio Lower Upper

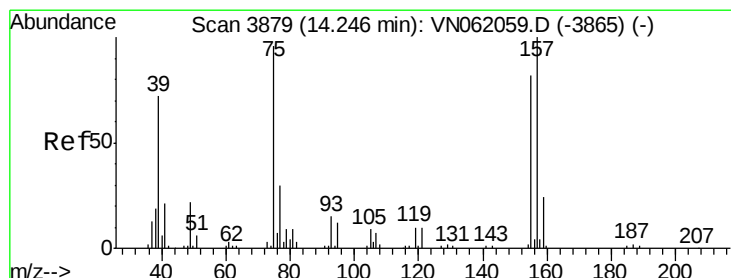
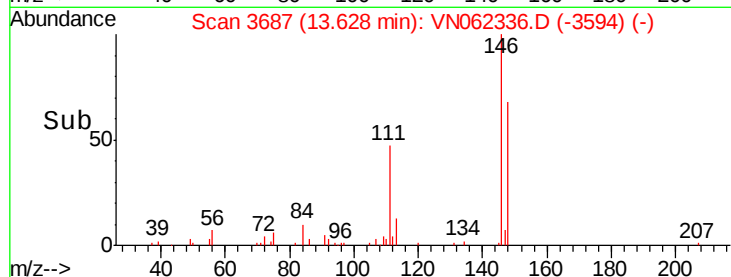
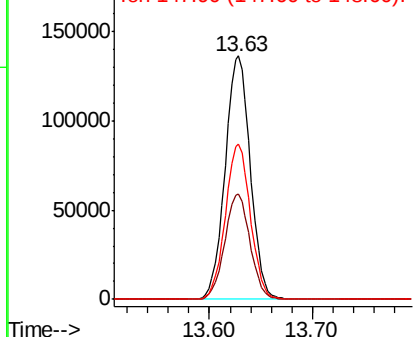
146 100

111 43.5 21.2 63.6

148 63.4 31.9 95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.215 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062336.D

Acq: 2 Jul 2020 16:21

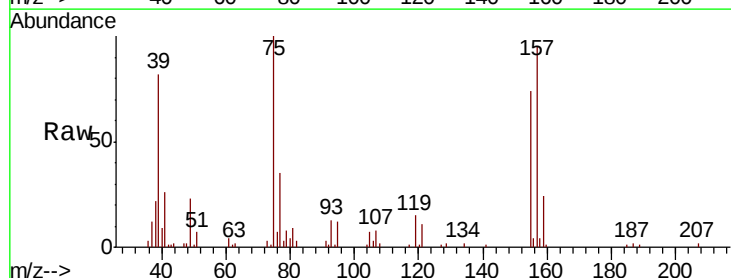
Tgt Ion: 75 Resp: 30569

Ion Ratio Lower Upper

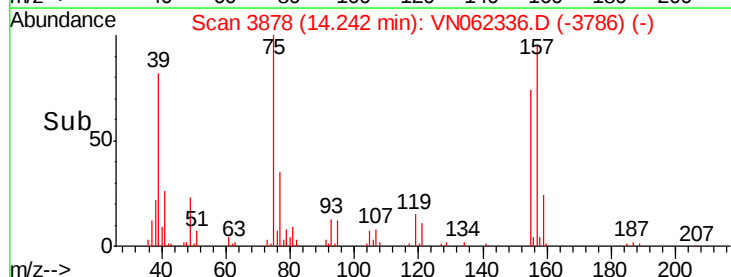
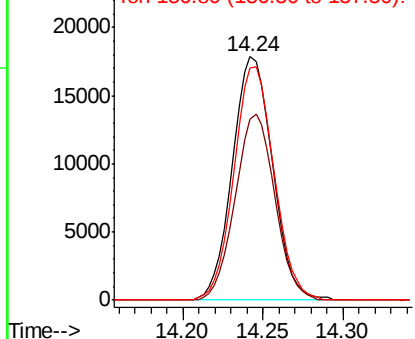
75 100

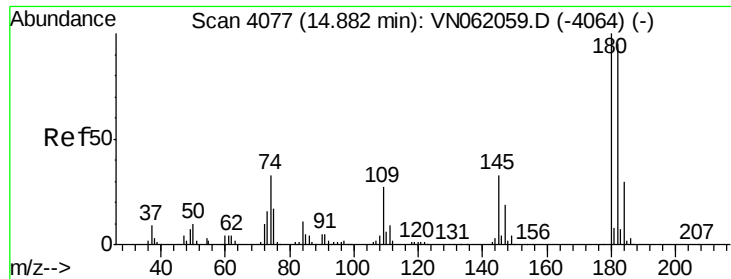
155 75.2 40.8 122.4

157 95.6 51.4 154.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

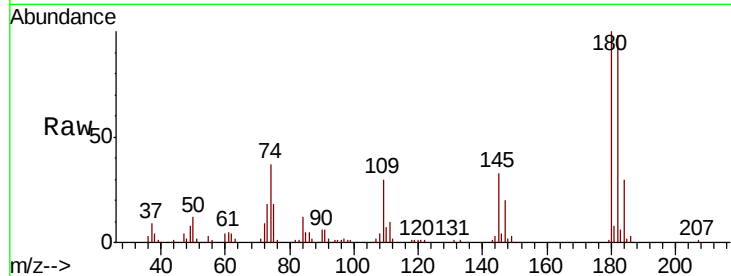




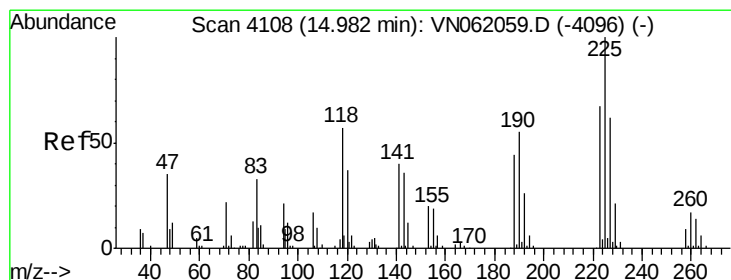
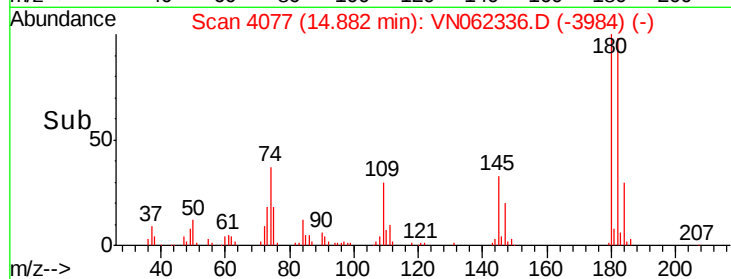
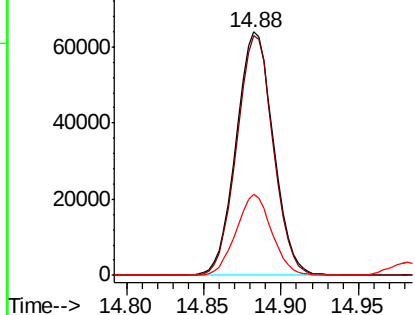
#93
 1,2,4-Trichlorobenzene
 Concen: 51.760 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 107028
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.0 144.2
 145 32.0 16.0 48.0

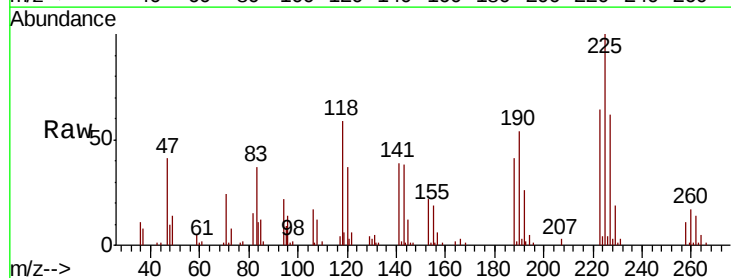


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

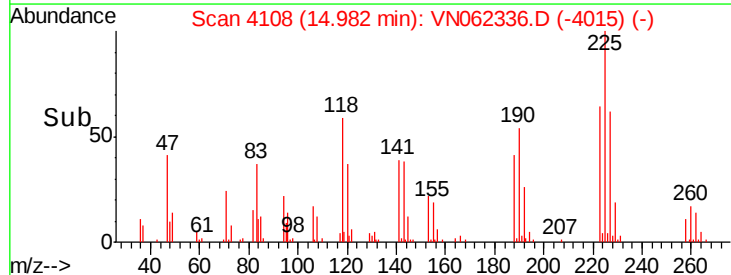
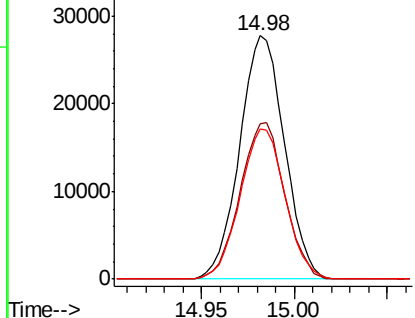


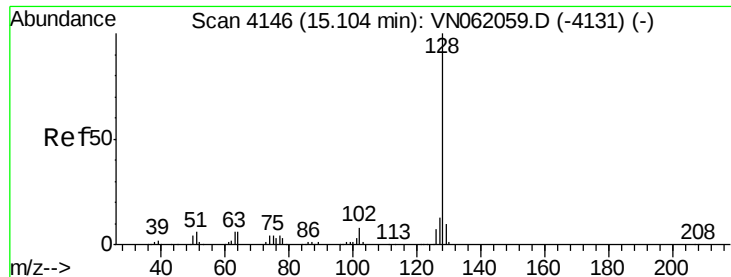
#94
 Hexachlorobutadiene
 Concen: 51.804 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062336.D
 Acq: 2 Jul 2020 16:21

Tgt Ion:225 Resp: 46525
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.9 98.7
 227 62.0 31.3 93.8



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

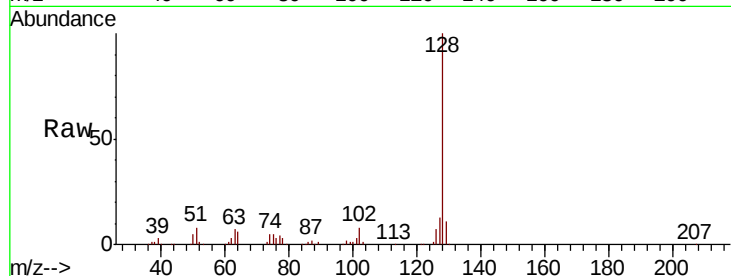




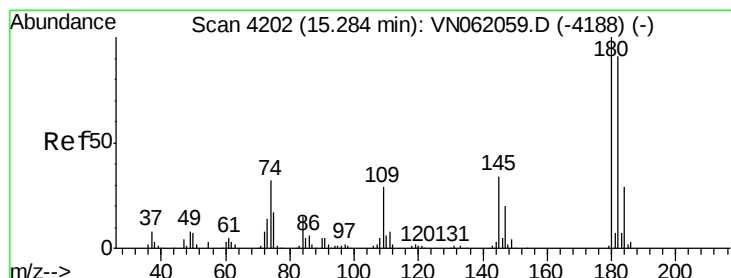
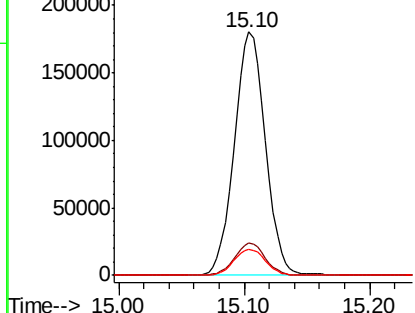
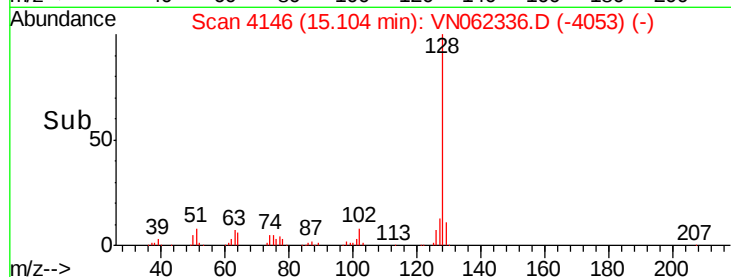
#95
Naphthalene
Concen: 45.390 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 310174
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.6 13.0

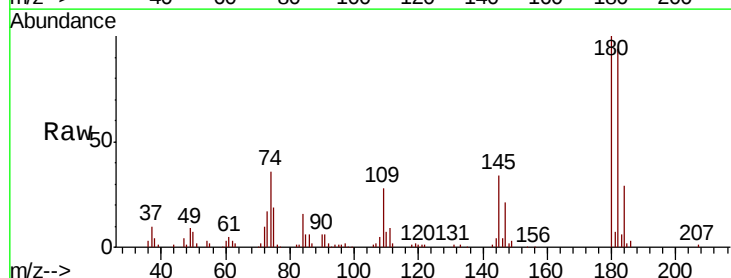


Abundance Ion 128.00 (127.70 to 128.70): V
250000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.439 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062336.D
Acq: 2 Jul 2020 16:21

Tgt Ion:180 Resp: 108758
Ion Ratio Lower Upper
180 100
182 93.6 46.8 140.4
145 33.4 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V
80000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

