

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062063.D
 Acq On : 24 Jun 2020 14:45
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN062420

Quant Time: Jun 25 04:28:12 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	274878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	472598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	448217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217116	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	179218	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
35) Dibromofluoromethane	7.54	113	146000	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	10.06	98	603024	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.37	95	208686	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	145856	46.944	ug/l	99
3) Chloromethane	2.03	50	187921	51.413	ug/l	98
4) Vinyl Chloride	2.16	62	220587	45.083	ug/l	99
5) Bromomethane	2.53	94	154529	48.866	ug/l	98
6) Chloroethane	2.66	64	150053	44.893	ug/l	97
7) Trichlorofluoromethane	2.98	101	288264	47.812	ug/l	100
8) Diethyl Ether	3.37	74	100170	47.581	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	149297	47.287	ug/l	99
10) Methyl Iodide	3.91	142	172514	48.517	ug/l	99
11) Tert butyl alcohol	4.73	59	119235	215.286	ug/l	100
12) 1,1-Dichloroethene	3.69	96	149442	47.348	ug/l	94
13) Acrolein	3.56	56	121309	223.715	ug/l	99
14) Allyl chloride	4.27	41	208966	48.628	ug/l	100
15) Acrylonitrile	4.92	53	334473	221.615	ug/l	99
16) Acetone	3.77	43	332674	275.163	ug/l	96
17) Carbon Disulfide	4.00	76	445904	49.324	ug/l	99
18) Methyl Acetate	4.27	43	128399	41.872	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	483210	47.911	ug/l	97
20) Methylene Chloride	4.49	84	173434	48.973	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	165341	45.984	ug/l	97
22) Diisopropyl ether	5.90	45	468046	47.836	ug/l	99
23) Vinyl Acetate	5.84	43	1924308	240.889	ug/l	100
24) 1,1-Dichloroethane	5.79	63	293698	46.615	ug/l	99
25) 2-Butanone	6.78	43	434091	230.229	ug/l	100
26) 2,2-Dichloropropane	6.77	77	257085	48.966	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	190643	47.119	ug/l	99
28) Bromochloromethane	7.14	49	118499	43.348	ug/l	99
29) Tetrahydrofuran	7.16	42	273691	221.598	ug/l	99
30) Chloroform	7.32	83	301076	46.967	ug/l	99
31) Cyclohexane	7.61	56	256127	48.059	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	255384	47.241	ug/l	99
36) 1,1-Dichloropropene	7.74	75	231746	48.785	ug/l	100
37) Ethyl Acetate	6.87	43	176423	44.851	ug/l	97
38) Carbon Tetrachloride	7.73	117	216623	48.369	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	274810	52.799	ug/l	97
40) Benzene	8.00	78	702176	48.497	ug/l	99
41) Methacrylonitrile	7.12	41	79045	43.346	ug/l	96
42) 1,2-Dichloroethane	8.08	62	233567	47.746	ug/l	99
43) Isopropyl Acetate	8.12	43	300142	46.807	ug/l	99
44) Trichloroethene	8.80	130	174932	47.896	ug/l	100
45) 1,2-Dichloropropane	9.08	63	176131	49.309	ug/l	98
46) Dibromomethane	9.17	93	117729	48.612	ug/l	99
47) Bromodichloromethane	9.36	83	243149	49.724	ug/l	100
48) Methyl methacrylate	9.16	41	139802	48.625	ug/l	98
49) 1,4-Dioxane	9.16	88	57443	900.945	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	894980	238.889	ug/l	100
52) Toluene	10.12	92	455039	51.508	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	273628	50.861	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	295634	51.615	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	170788	49.181	ug/l	99
56) Ethyl methacrylate	10.40	69	239679	51.717	ug/l	99
57) 1,3-Dichloropropane	10.68	76	294679	49.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	446835	227.977	ug/l	100
59) 2-Hexanone	10.72	43	670068	247.689	ug/l	99
60) Dibromochloromethane	10.87	129	183798	49.992	ug/l	97
61) 1,2-Dibromoethane	10.98	107	174853	49.003	ug/l	99
64) Tetrachloroethene	10.60	164	146760	47.934	ug/l	98
65) Chlorobenzene	11.40	112	480180	48.784	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	167184	49.120	ug/l	100
67) Ethyl Benzene	11.48	91	867400	52.179	ug/l	99
68) m/p-Xylenes	11.59	106	662445	103.029	ug/l	99
69) o-Xylene	11.92	106	315733	52.045	ug/l	98
70) Styrene	11.94	104	540557	53.429	ug/l	100
71) Bromoform	12.10	173	119755	49.487	ug/l #	97
73) Isopropylbenzene	12.22	105	842618	50.136	ug/l	100
74) N-amyl acetate	12.04	43	278745	45.386	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	245288	43.858	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	307673	60.197	ug/l #	100
77) Bromobenzene	12.50	156	195573	46.872	ug/l	100
78) n-propylbenzene	12.56	91	984056	51.188	ug/l	100
79) 2-Chlorotoluene	12.65	91	570253	49.067	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	693292	50.887	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	83483	47.701	ug/l	99
82) 4-Chlorotoluene	12.75	91	592425	49.294	ug/l	99
83) tert-Butylbenzene	12.97	119	570667	48.943	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	706191	51.899	ug/l	99
85) sec-Butylbenzene	13.15	105	797286	51.749	ug/l	99
86) p-Isopropyltoluene	13.26	119	719043	53.269	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	356320	48.632	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	357228	47.298	ug/l	100
89) n-Butylbenzene	13.59	91	606997	54.089	ug/l	100
90) Hexachloroethane	13.85	117	127257	48.052	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	338317	47.617	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	40464	45.164	ug/l	99

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

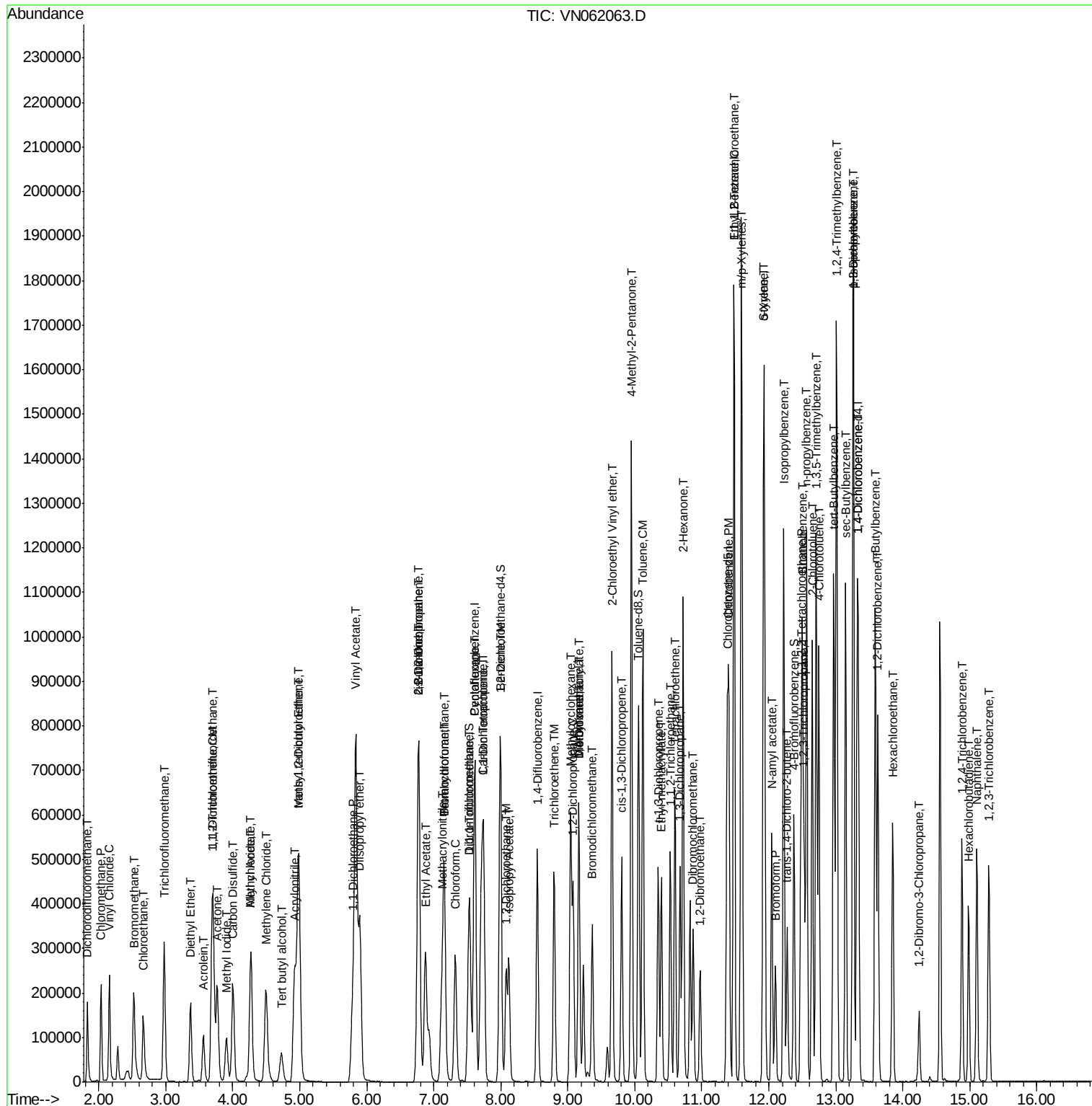
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	165227	53.233	ug/l	98
94) Hexachlorobutadiene	14.98	225	66970	49.678	ug/l	99
95) Naphthalene	15.10	128	446905	43.729	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	160694	50.633	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

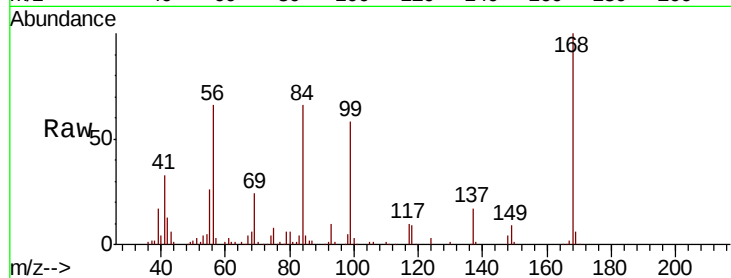
ICVVN062420

Tot Ion:168 Resp: 274878

Ion Ratio Lower Upper

168 100

99 58.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

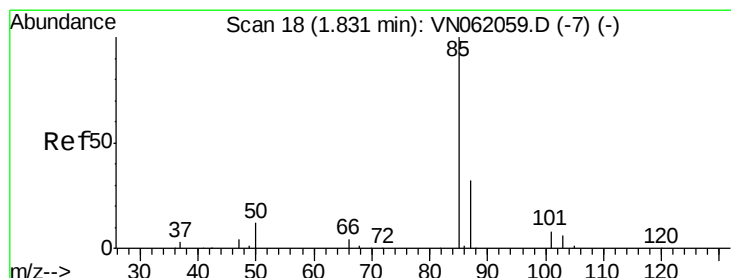
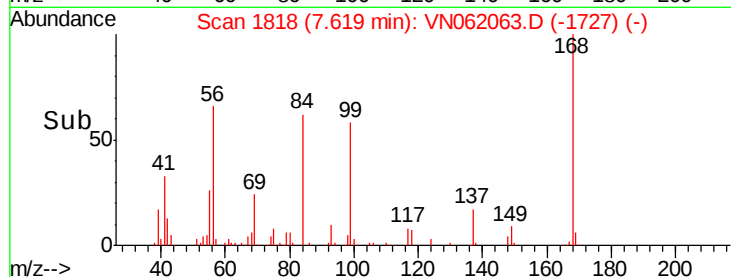
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 46.944 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062063.D

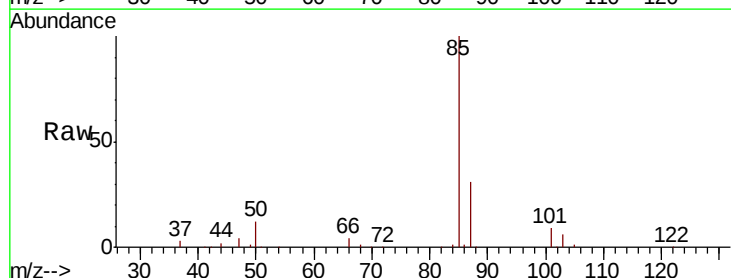
Acq: 24 Jun 2020 14:45

Tgt Ion: 85 Resp: 145856

Ion Ratio Lower Upper

85 100

87 31.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

120000

100000

80000

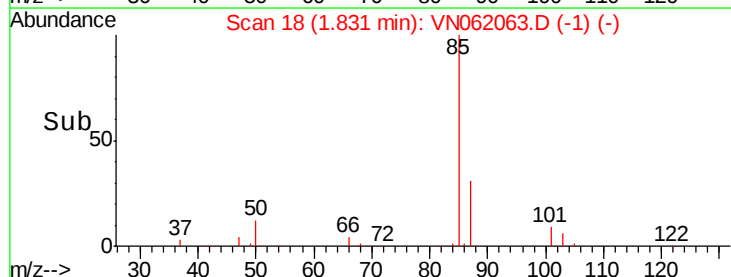
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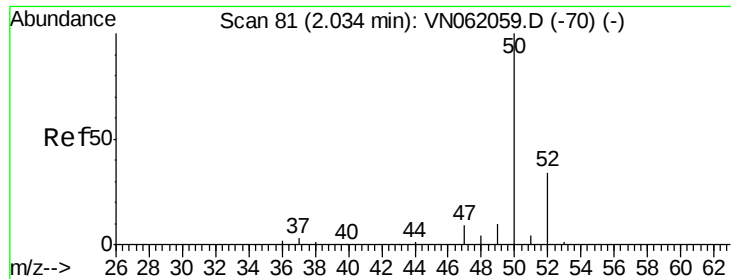
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 51.413 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

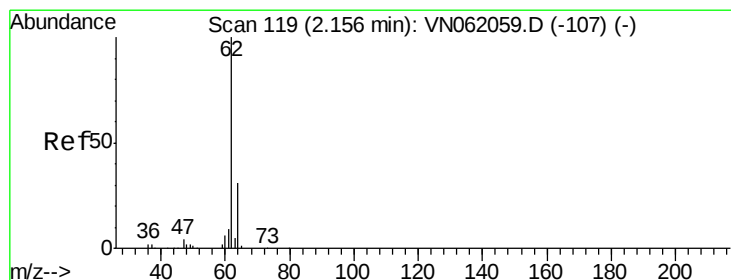
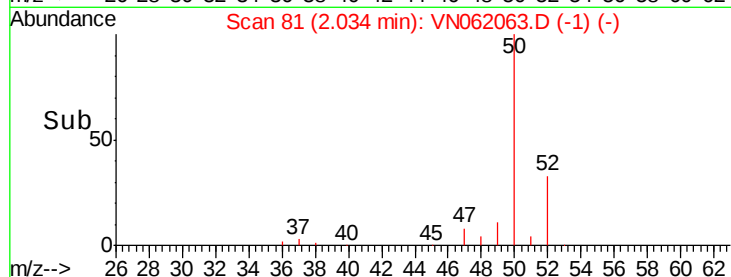
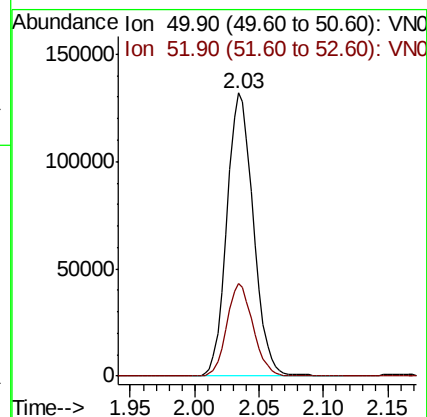
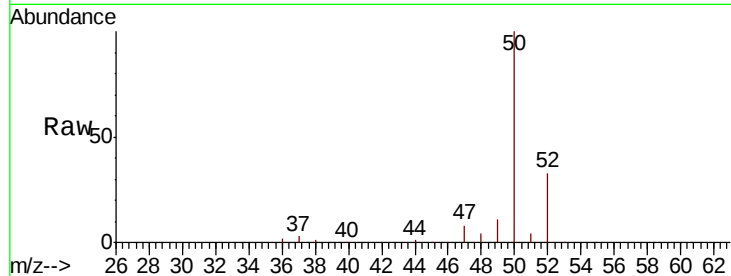
ICV062420

Tot Ion: 50 Resp: 187921

Ion Ratio Lower Upper

50 100

52 32.8 27.0 40.6



#4

Vinyl Chloride

Concen: 45.083 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062063.D

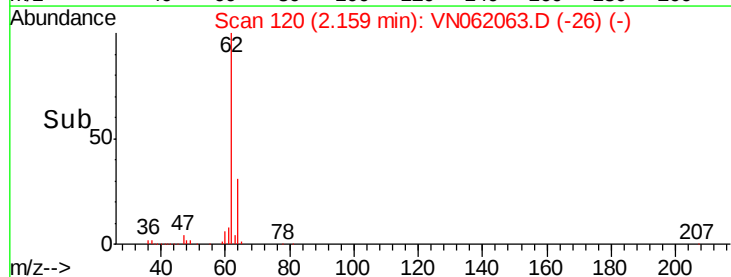
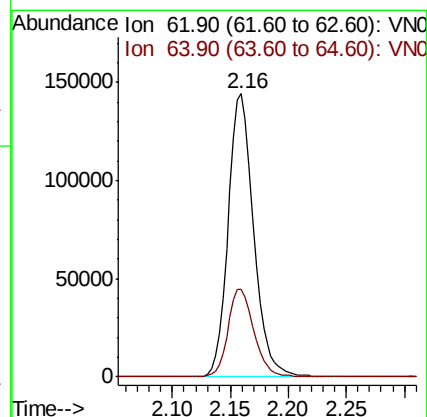
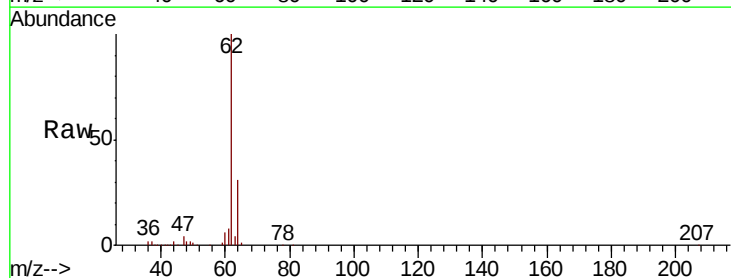
Acq: 24 Jun 2020 14:45

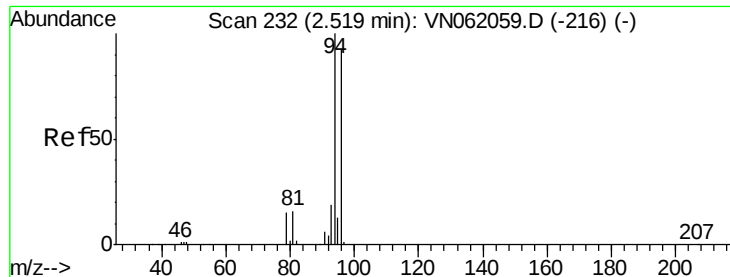
Tgt Ion: 62 Resp: 220587

Ion Ratio Lower Upper

62 100

64 30.9 25.1 37.7





#5

Bromomethane

Concen: 48.866 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

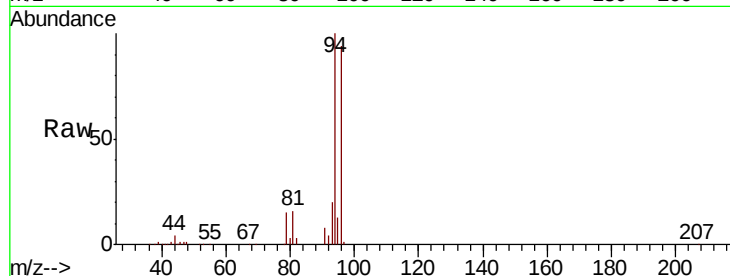
ICV062420

Tot Ion: 94 Resp: 154529

Ion Ratio Lower Upper

94 100

96 93.7 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062059.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062059.D (-216) (-)

2.53

80000

60000

40000

20000

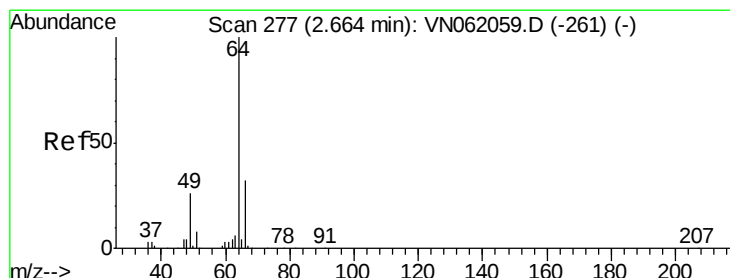
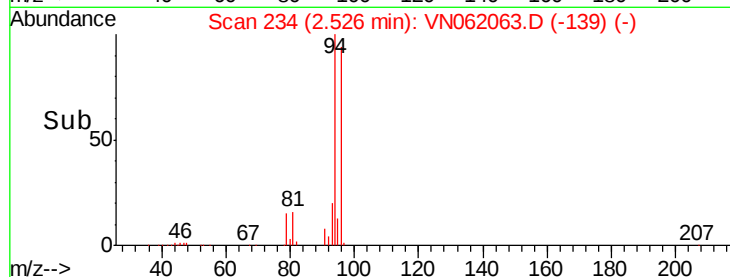
0

Time-->

2.40

2.50

2.60



#6

Chloroethane

Concen: 44.893 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062063.D

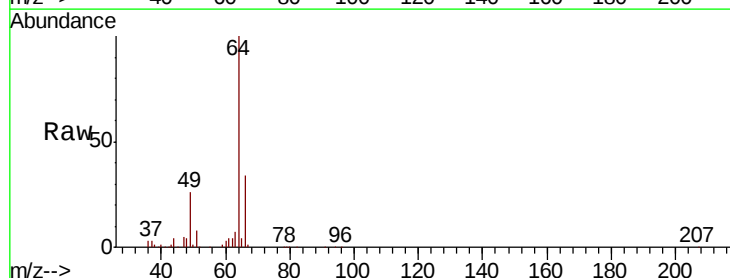
Acq: 24 Jun 2020 14:45

Tgt Ion: 64 Resp: 150053

Ion Ratio Lower Upper

64 100

66 33.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062059.D (-261) (-)

2.66

80000

60000

40000

20000

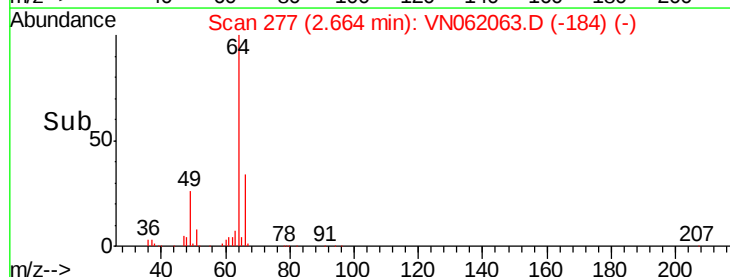
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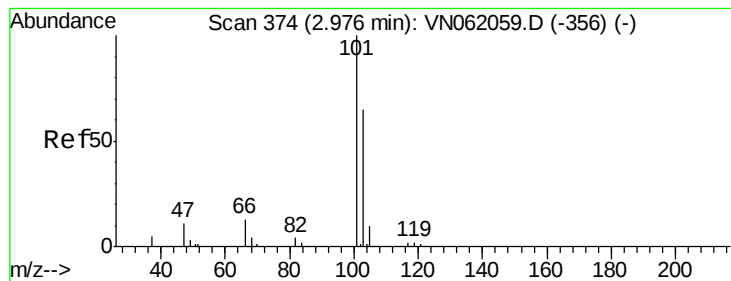
Time-->

2.60

2.70

2.80



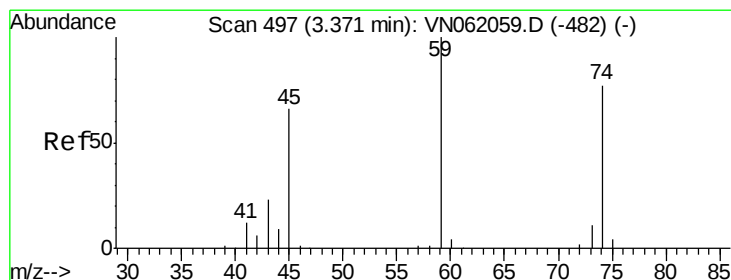
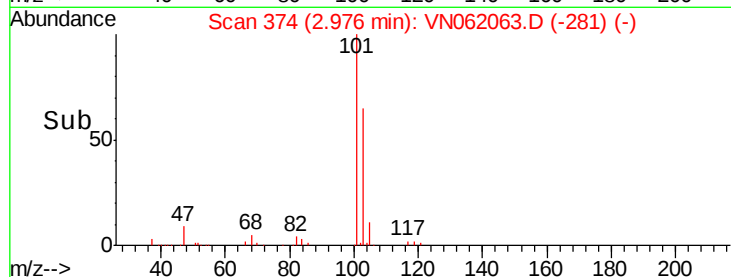
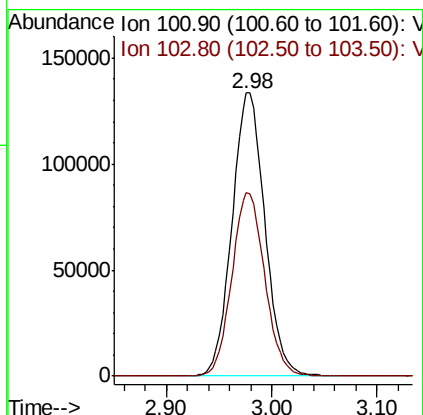
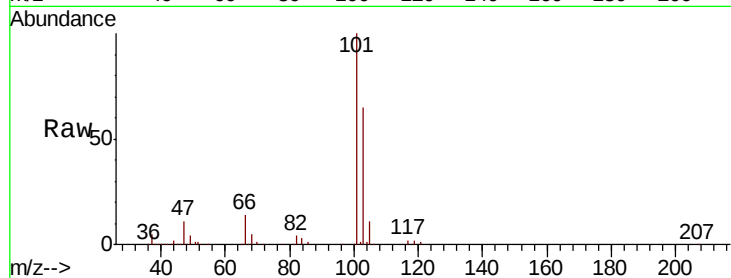


#7

Trichlorofluoromethane
 Concen: 47.812 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN062063.D
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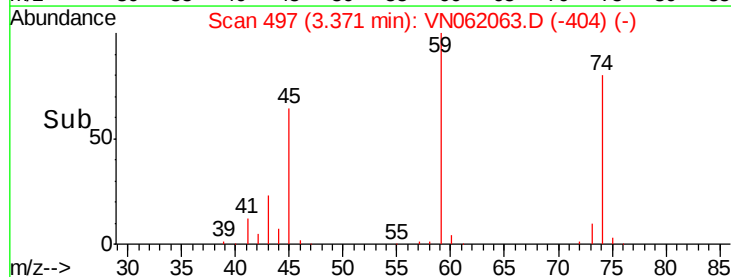
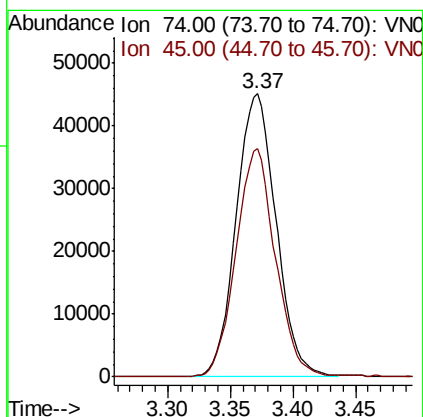
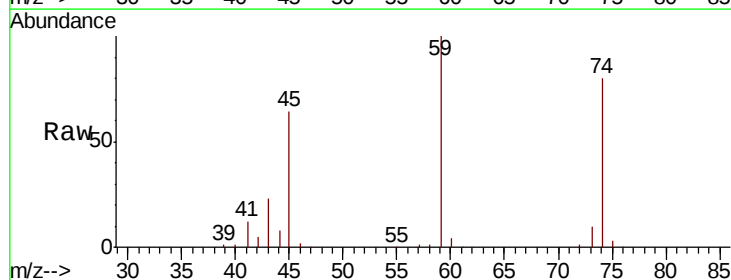
Tot Ion:101 Resp: 288264
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.6

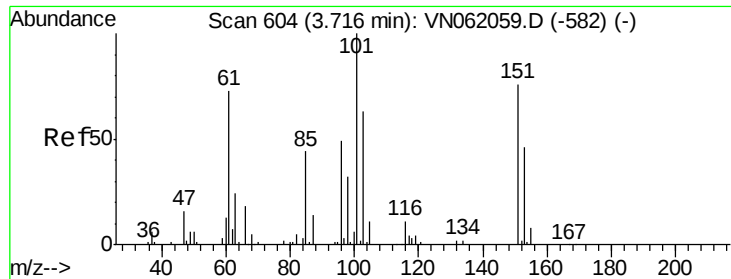


#8

Diethyl Ether
 Concen: 47.581 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion: 74 Resp: 100170
 Ion Ratio Lower Upper
 74 100
 45 79.7 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.287 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062420

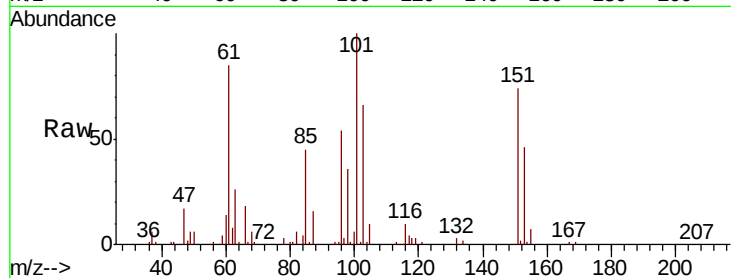
Tot Ion:101 Resp: 149297

Ion Ratio Lower Upper

101 100

85 44.1 34.5 51.7

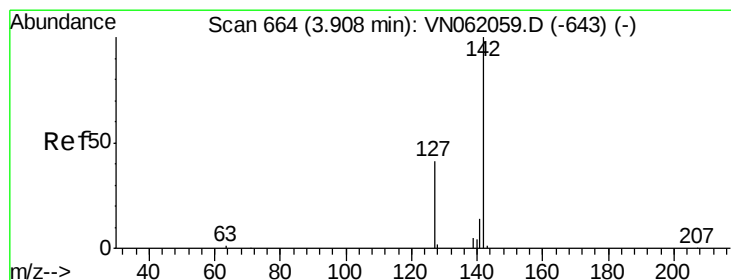
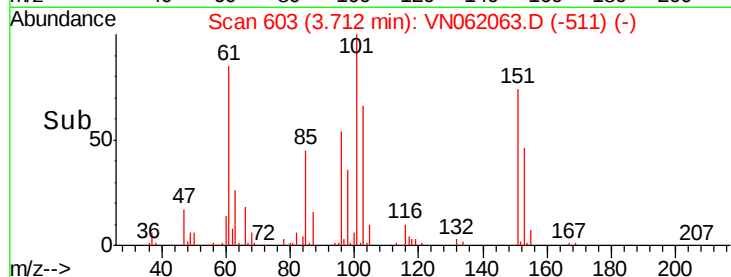
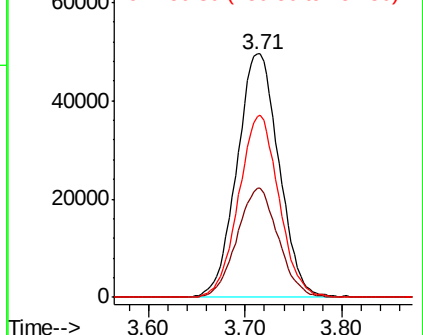
151 71.9 57.8 86.8



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: 48.517 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

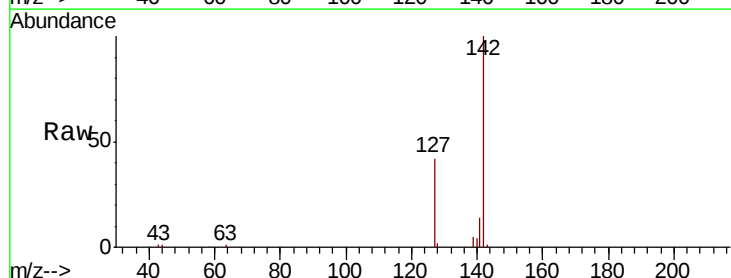
Tgt Ion:142 Resp: 172514

Ion Ratio Lower Upper

142 100

127 42.4 33.6 50.4

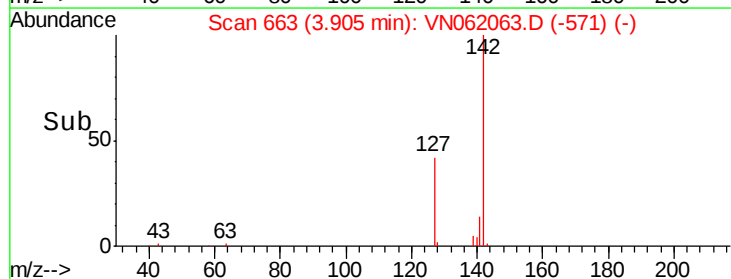
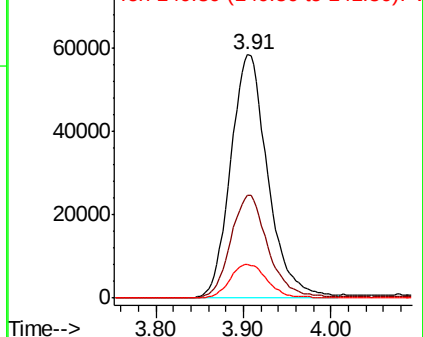
141 13.6 11.3 16.9

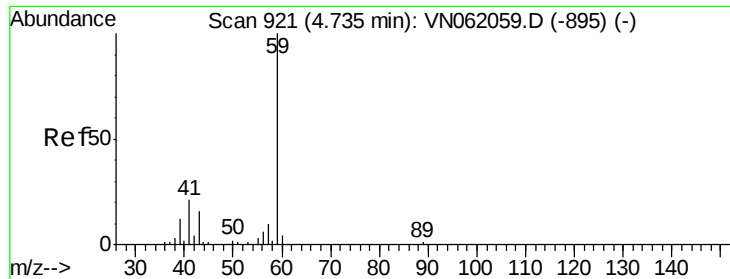


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

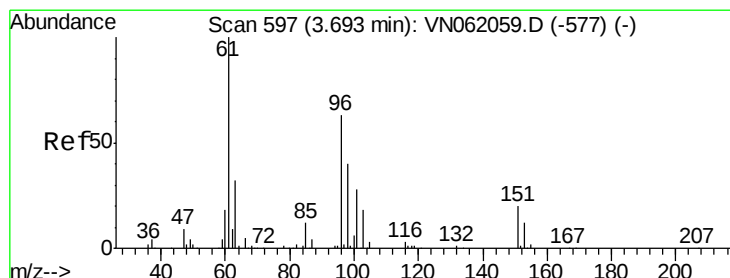
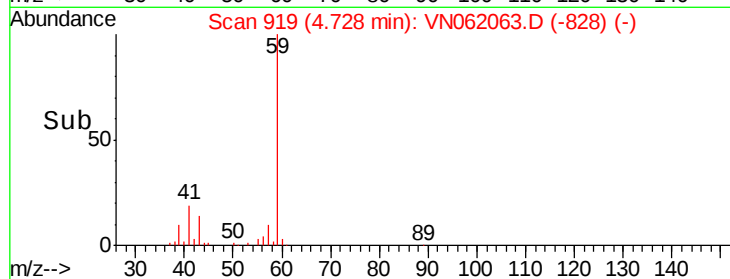
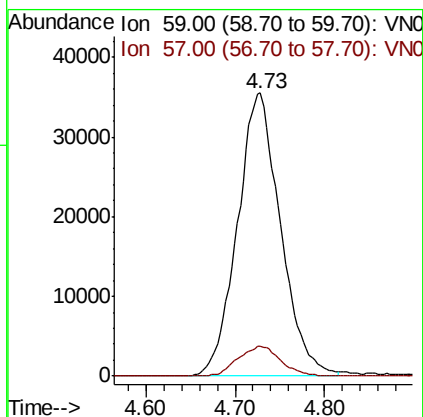
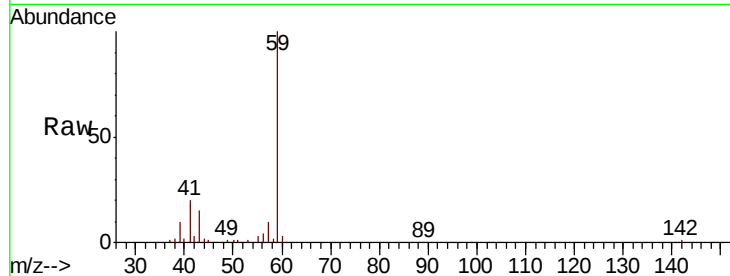




#11
Tert butyl alcohol
Concen: 215.286 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

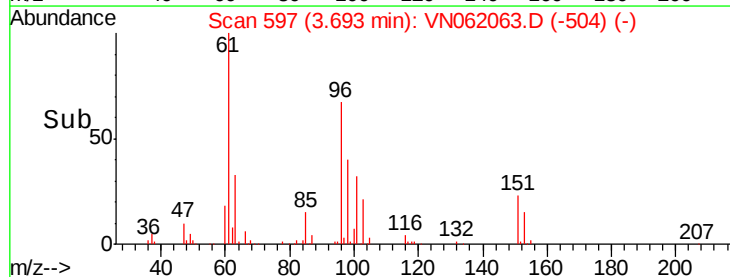
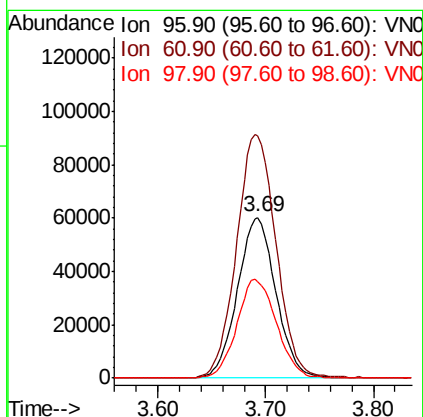
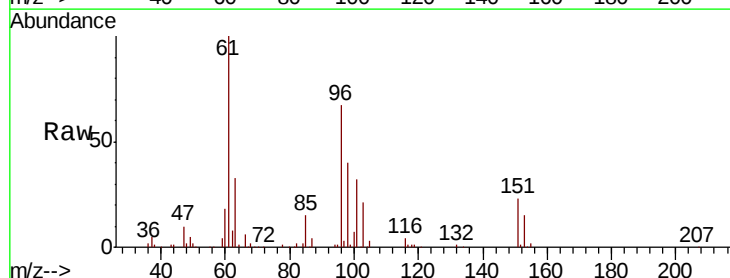
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

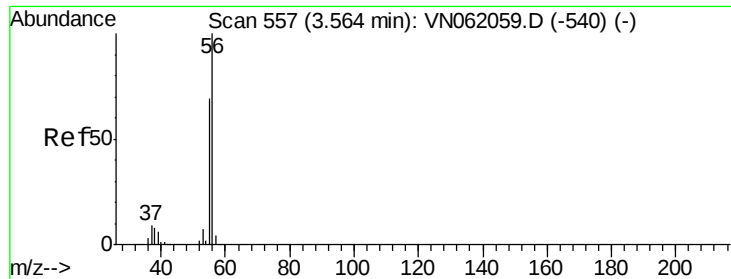
Tot Ion: 59 Resp: 119235
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.348 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 96 Resp: 149442
Ion Ratio Lower Upper
96 100
61 150.3 126.7 190.1
98 60.3 51.0 76.4

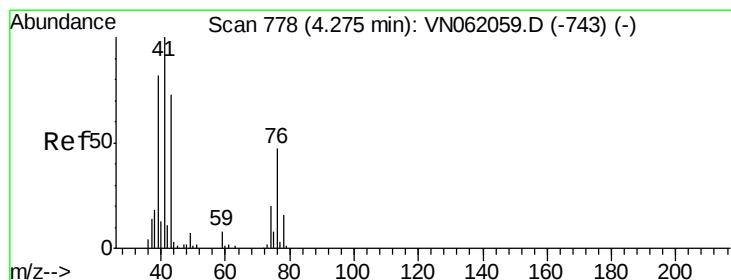
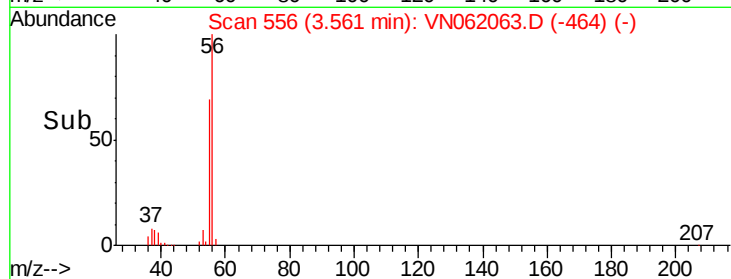
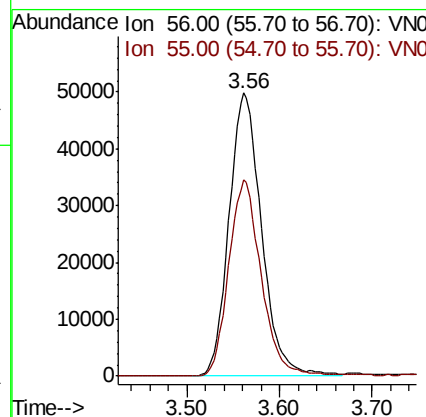
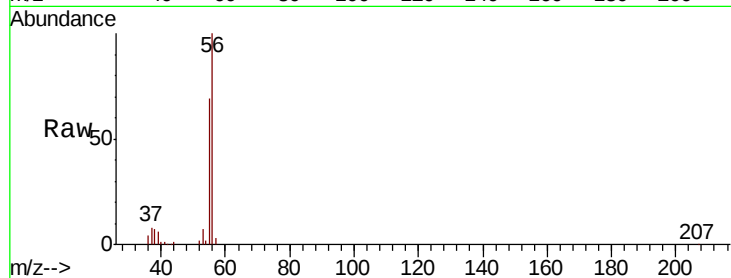




#13
Acrolein
Concen: 223.715 ug/l
RT: 3.56 min Scan# 556
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

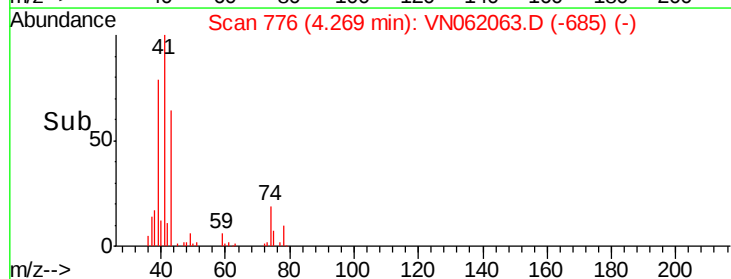
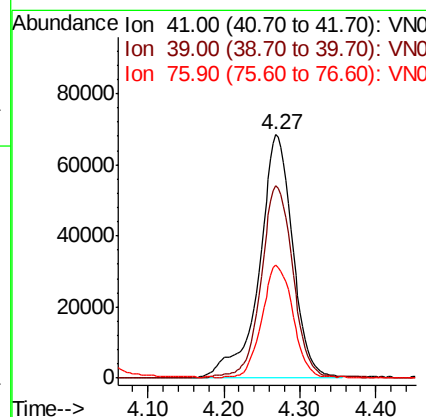
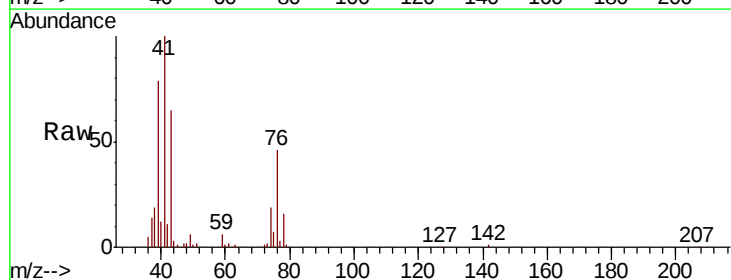
Instrument :
MSVOA_N
ClientSampled :
ICVVN062420

Tot Ion: 56 Resp: 121309
Ion Ratio Lower Upper
56 100
55 69.0 55.5 83.3



#14
Allyl chloride
Concen: 48.628 ug/l
RT: 4.27 min Scan# 776
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 41 Resp: 208966
Ion Ratio Lower Upper
41 100
39 75.2 60.0 90.0
76 42.3 34.1 51.1





#15

Acrylonitrile

Concen: 221.615 ug/l

RT: 4.92 min Scan# 979

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICV062420

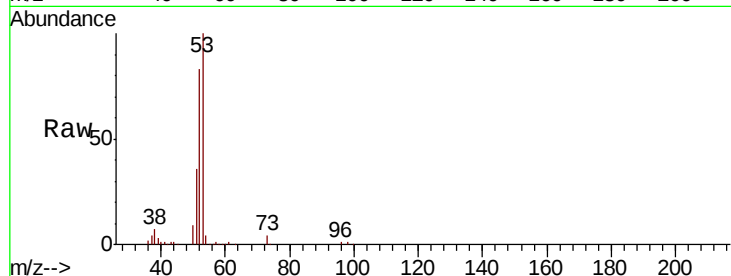
Tot Ion: 53 Resp: 334473

Ion Ratio Lower Upper

53 100

52 81.7 66.2 99.4

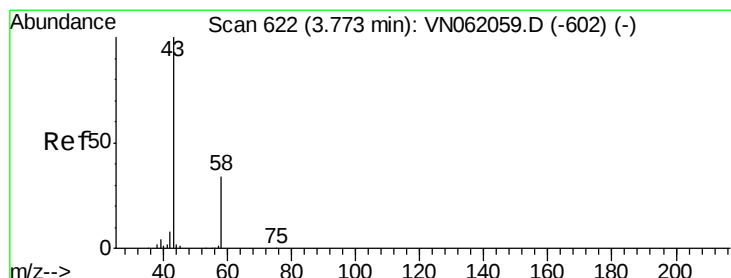
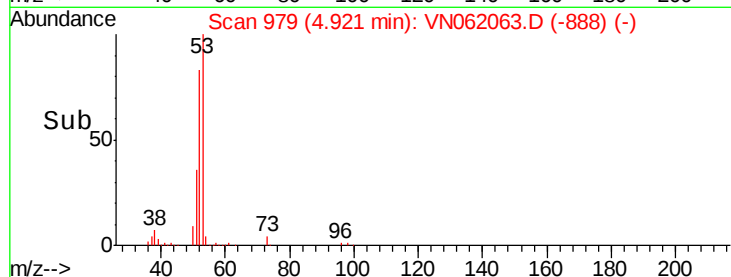
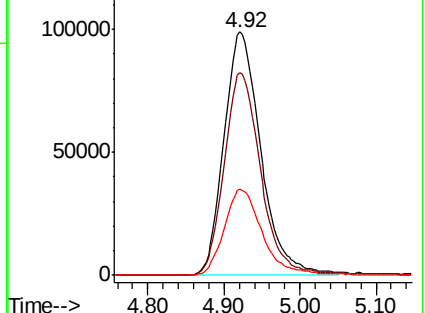
51 36.2 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062059.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN062059.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN062059.D (-959) (-)



#16

Acetone

Concen: 275.163 ug/l

RT: 3.77 min Scan# 620

Delta R.T. -0.01 min

Lab File: VN062063.D

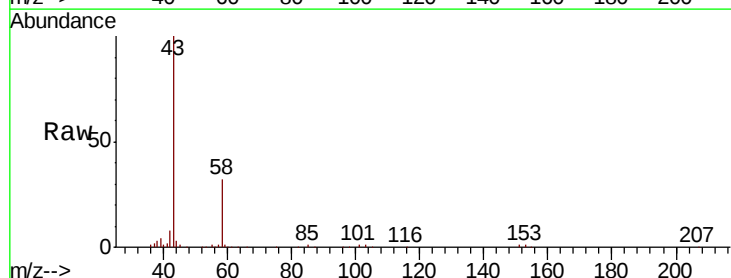
Acq: 24 Jun 2020 14:45

Tgt Ion: 43 Resp: 332674

Ion Ratio Lower Upper

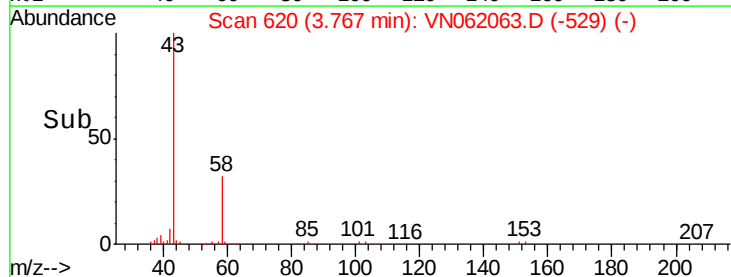
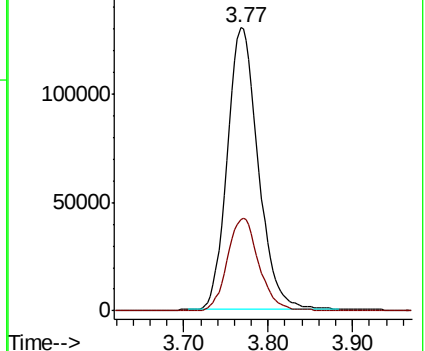
43 100

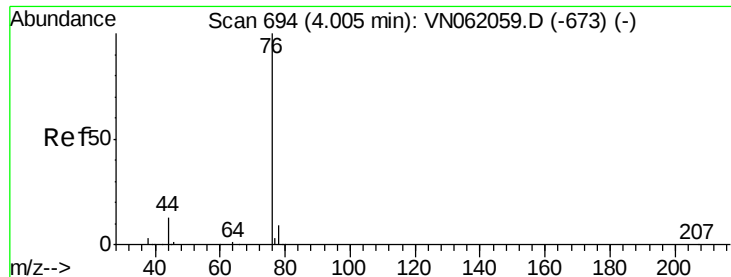
58 32.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-602) (-)

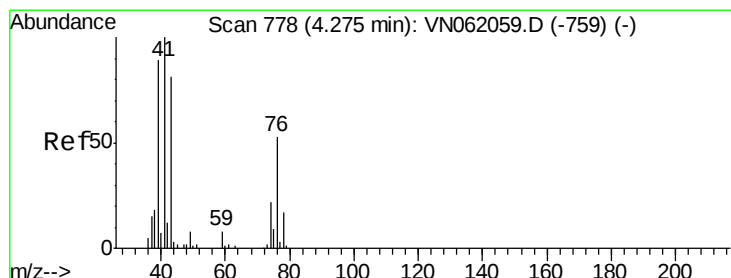
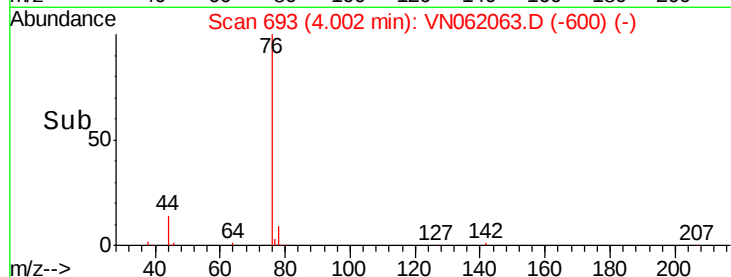
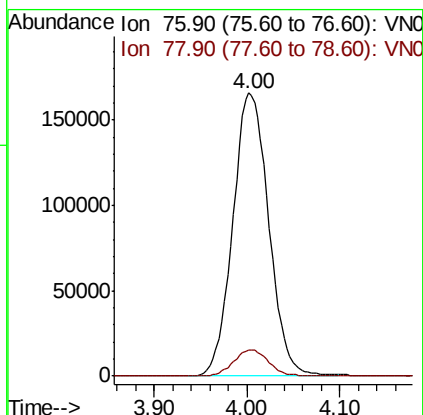
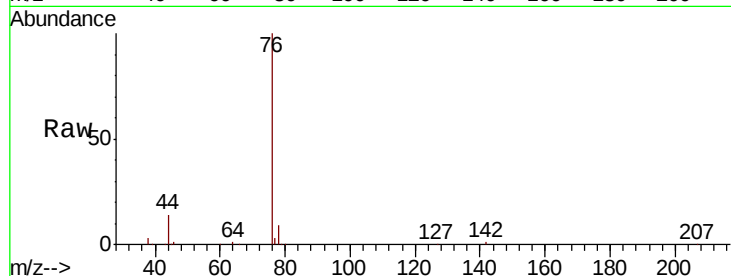




#17
Carbon Disulfide
Concen: 49.324 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

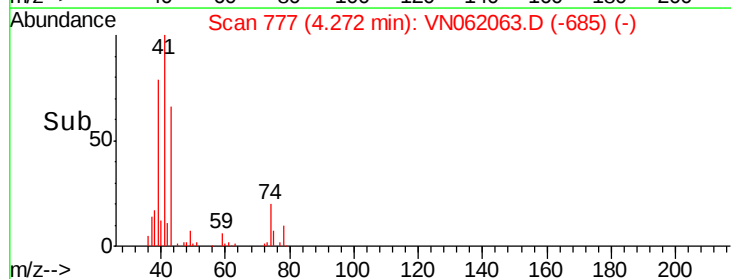
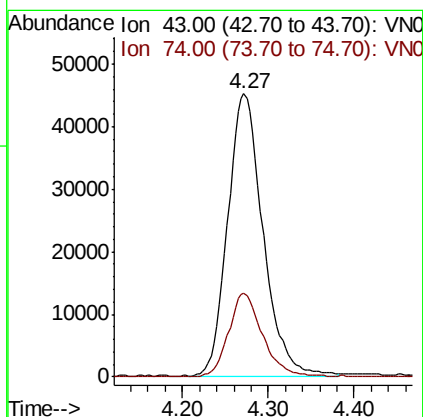
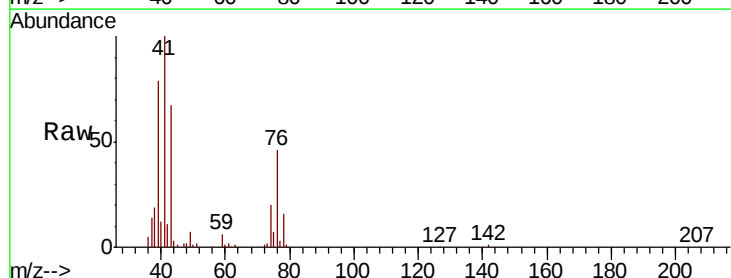
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion: 76 Resp: 445904
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 41.872 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 43 Resp: 128399
Ion Ratio Lower Upper
43 100
74 28.6 22.9 34.3

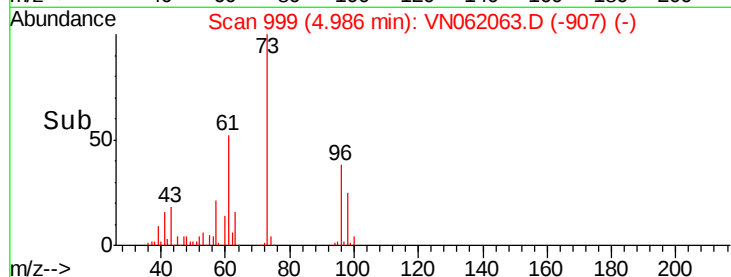
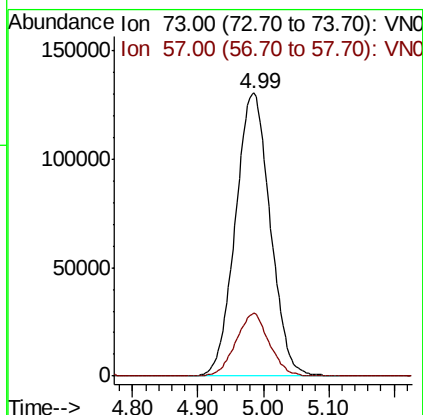
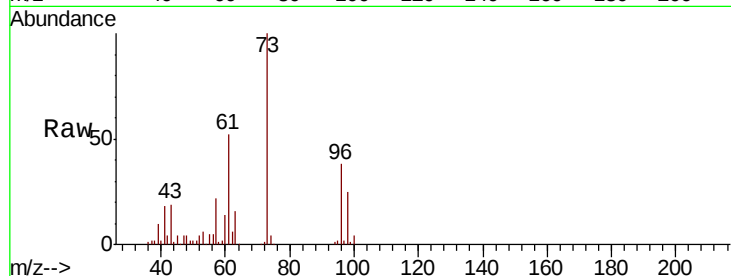




#19
Methvl tert-butvl Ether
Concen: 47.911 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

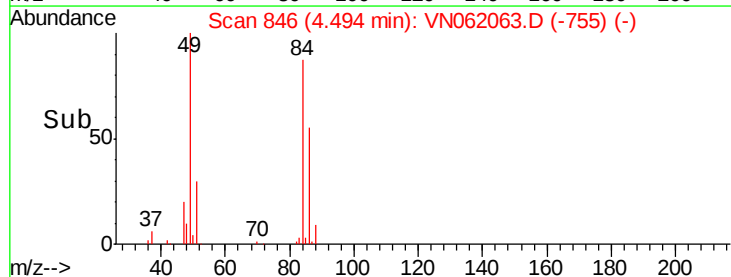
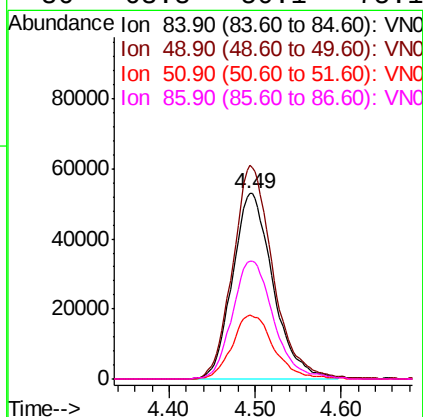
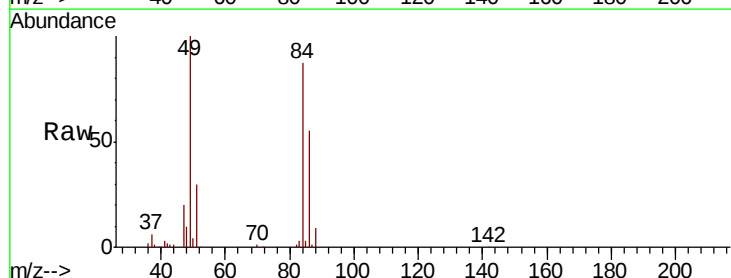
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion: 73 Resp: 483210
Ion Ratio Lower Upper
73 100
57 22.2 16.6 24.8



#20
Methylene Chloride
Concen: 48.973 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 84 Resp: 173434
Ion Ratio Lower Upper
84 100
49 115.2 90.6 136.0
51 34.4 27.8 41.8
86 63.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 45.984 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062420

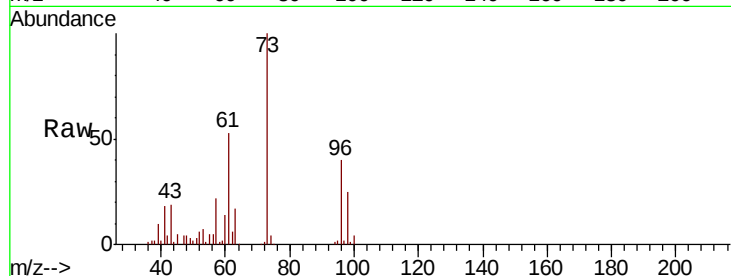
Tot Ion: 96 Resp: 165341

Ion Ratio Lower Upper

96 100

61 130.6 101.4 152.2

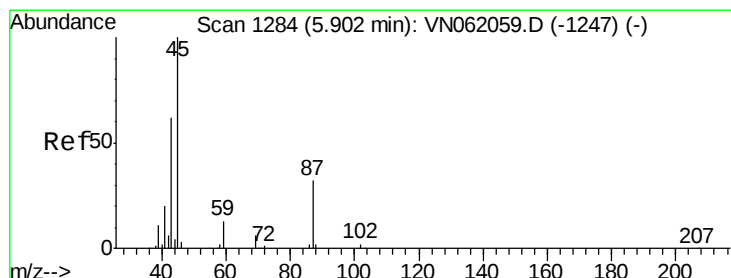
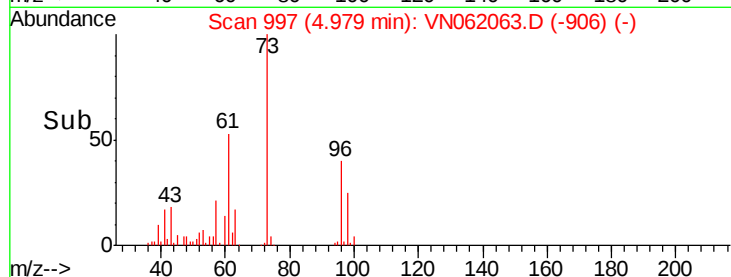
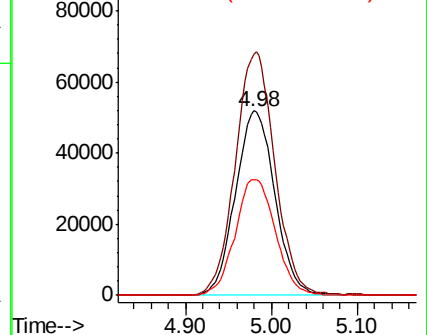
98 63.0 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-975) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-975) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-975) (-)



#22

Diisopropyl ether

Concen: 47.836 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Tgt Ion: 45 Resp: 468046

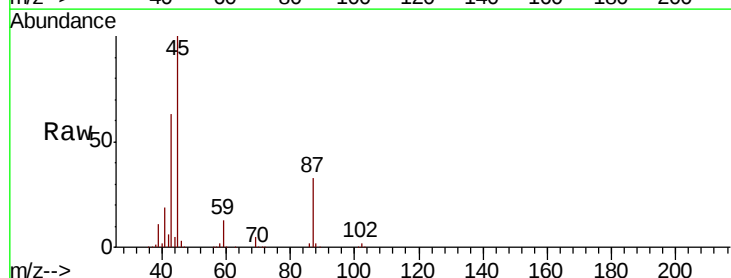
Ion Ratio Lower Upper

45 100

43 61.5 49.7 74.5

87 32.5 25.9 38.9

59 12.5 10.6 16.0

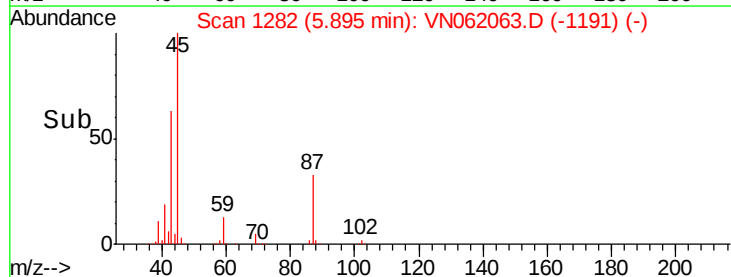
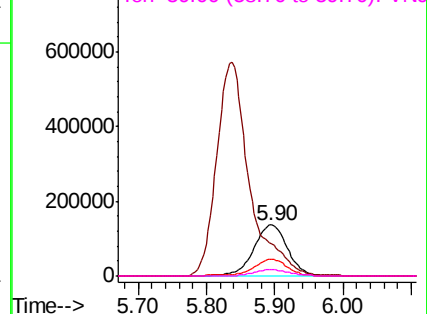


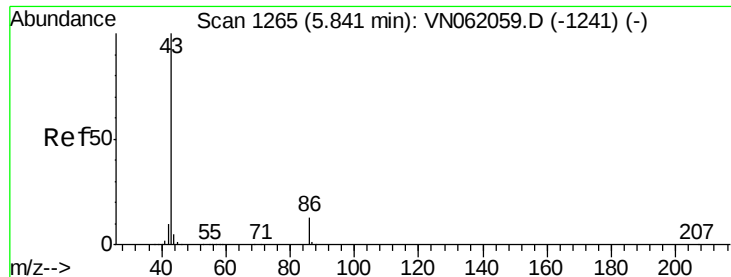
Abundance Ion 45.00 (44.70 to 45.70): VN062059.D (-1247) (-)

Ion 43.00 (42.70 to 43.70): VN062059.D (-1247) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1247) (-)

Ion 59.00 (58.70 to 59.70): VN062059.D (-1247) (-)





#23

Vinyl Acetate

Concen: 240.889 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

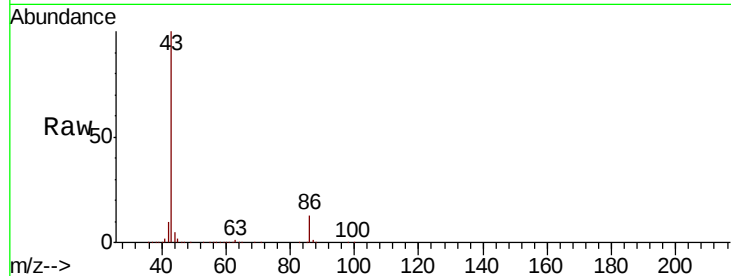
ICVVN062420

Tot Ion: 43 Resp: 1924308

Ion Ratio Lower Upper

43 100

86 12.5 10.1 15.1



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

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

5.84

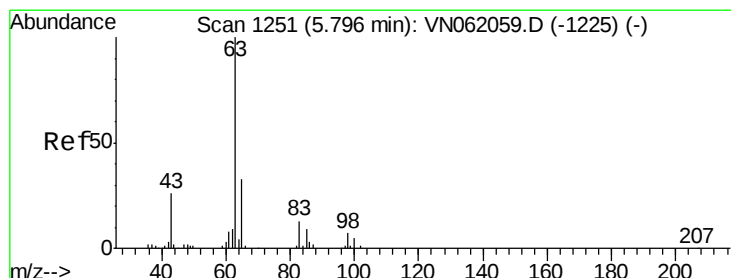
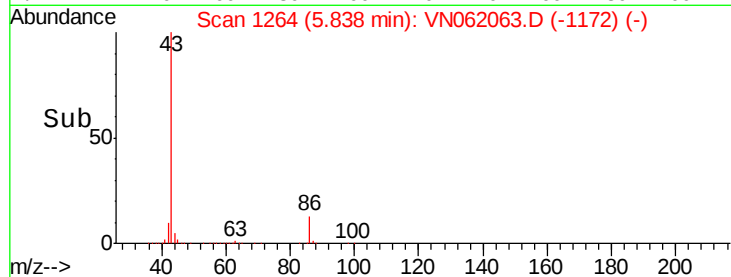
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.615 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

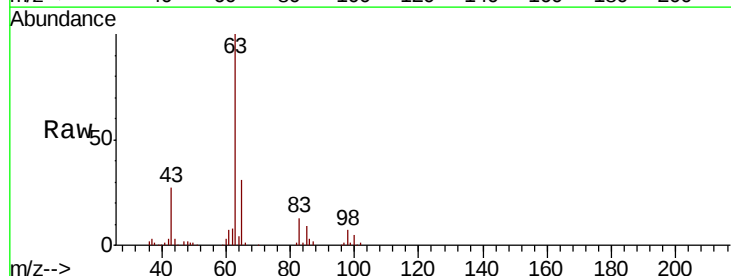
Tgt Ion: 63 Resp: 293698

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

100 4.7 2.4 7.1



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

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

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

5.79

120000

100000

80000

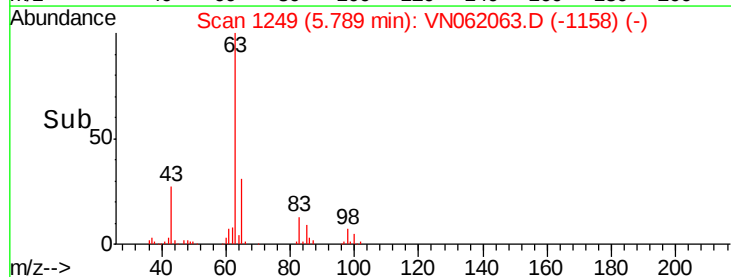
60000

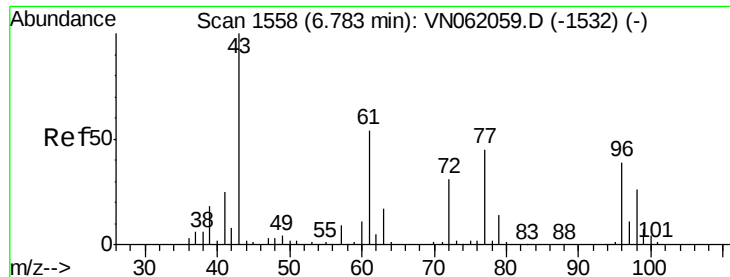
40000

20000

0

Time-->





#25

2-Butanone

Concen: 230.229 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

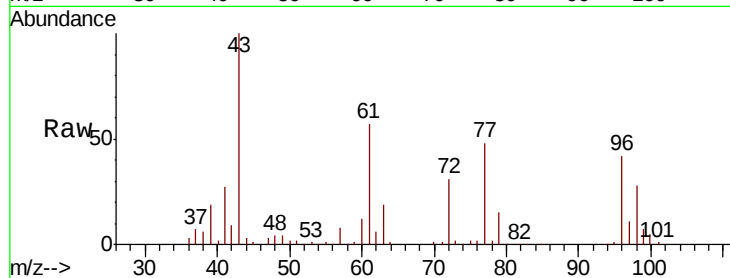
ICVVN062420

Tot Ion: 43 Resp: 434091

Ion Ratio Lower Upper

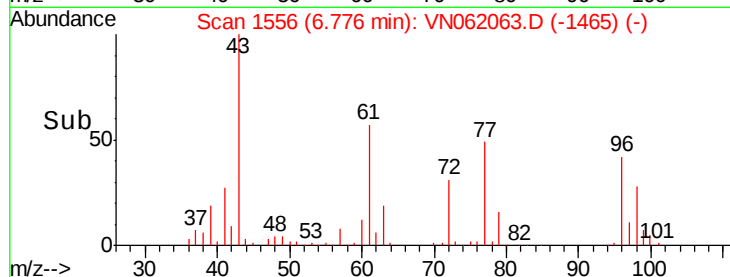
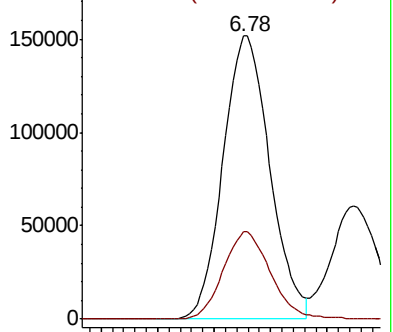
43 100

72 31.0 24.8 37.2

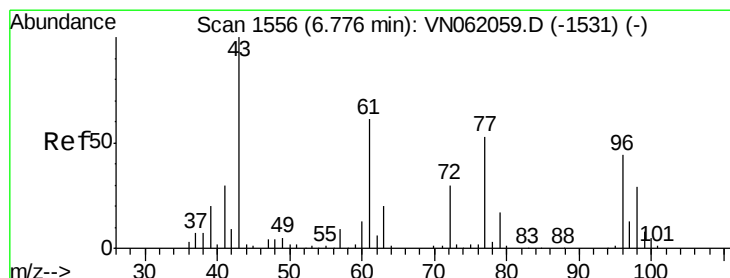


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#26

2,2-Dichloropropane

Concen: 48.966 ug/l

RT: 6.77 min Scan# 1553

Delta R.T. -0.01 min

Lab File: VN062063.D

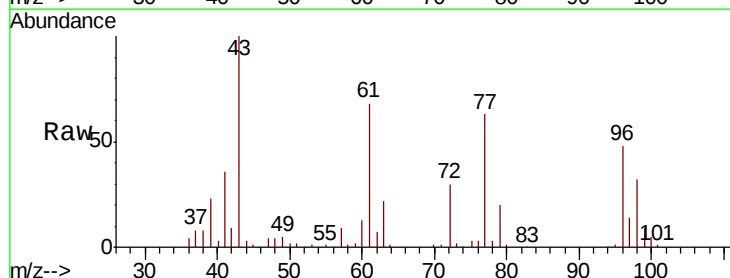
Acq: 24 Jun 2020 14:45

Tgt Ion: 77 Resp: 257085

Ion Ratio Lower Upper

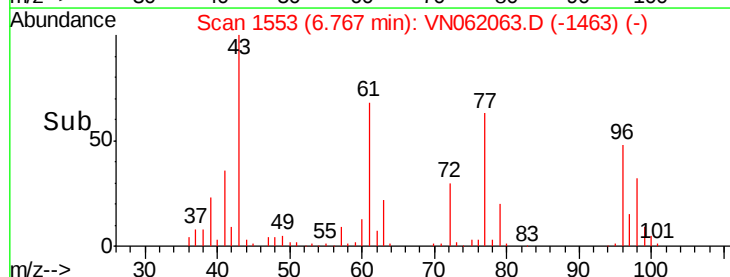
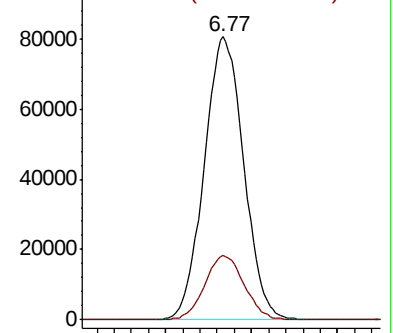
77 100

97 22.6 11.8 35.3

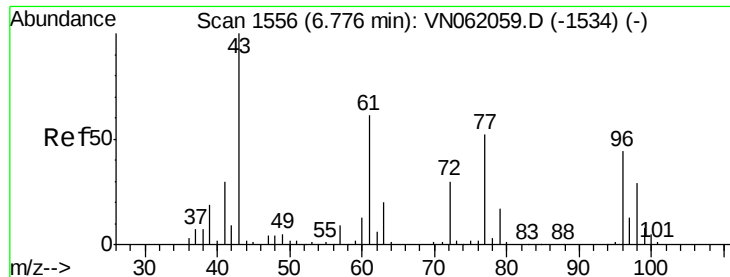


Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 47.119 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062420

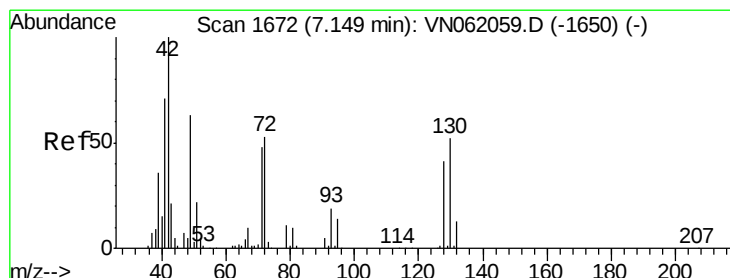
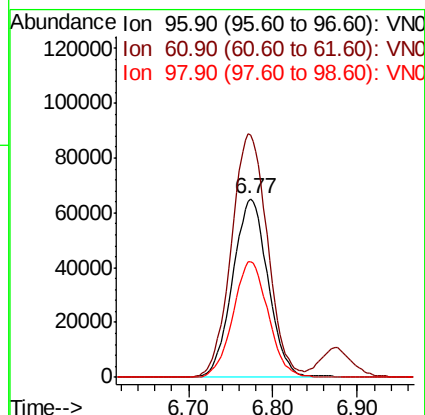
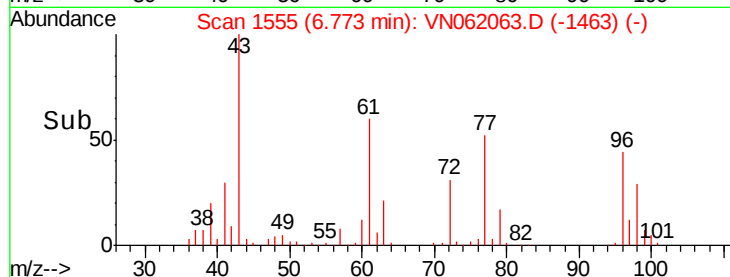
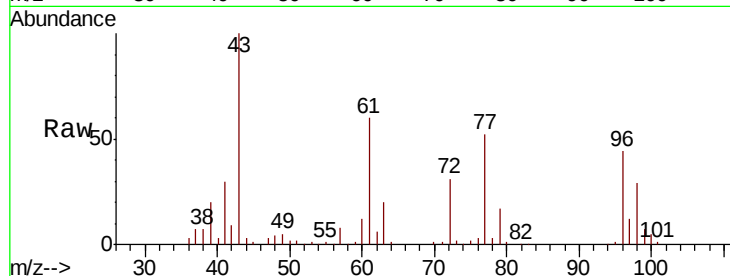
Tot Ion: 96 Resp: 190643

Ion Ratio Lower Upper

96 100

61 138.7 0.0 280.4

98 64.3 0.0 129.4



#28

Bromochloromethane

Concen: 43.348 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

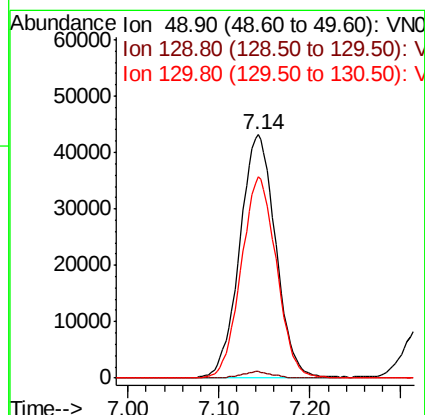
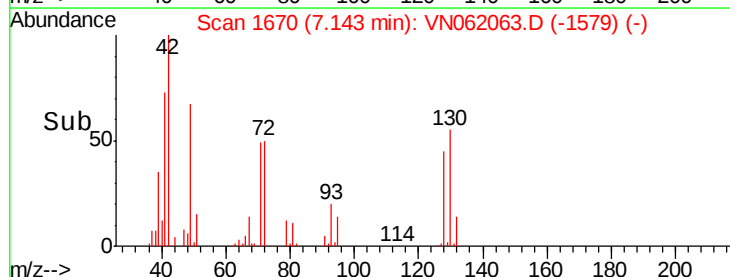
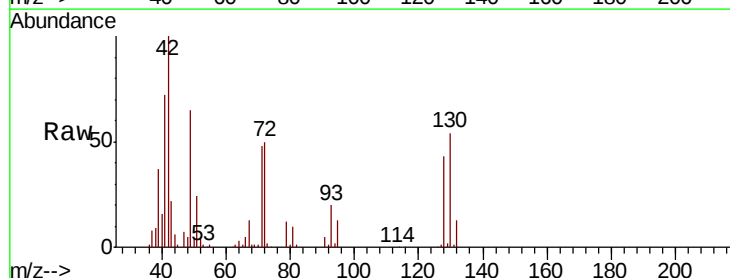
Tgt Ion: 49 Resp: 118499

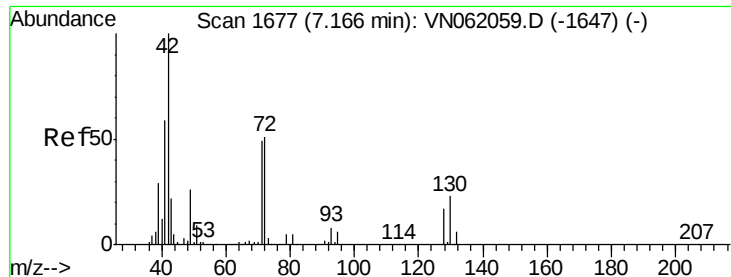
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 80.9 65.5 98.3

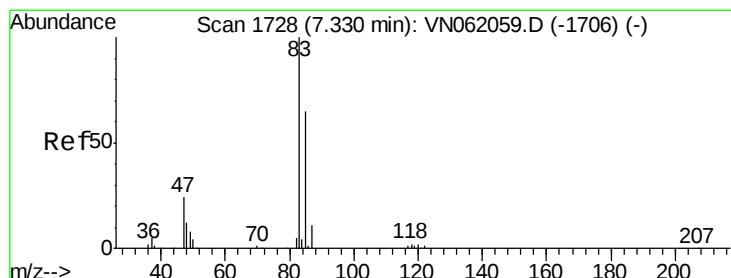
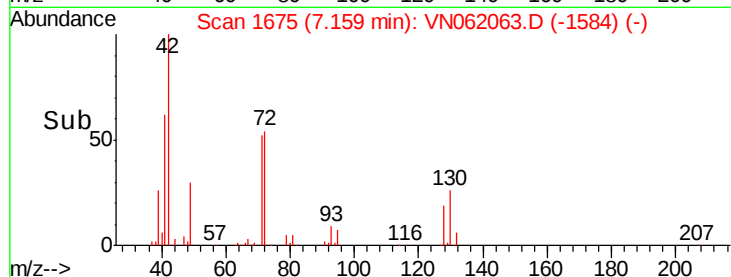
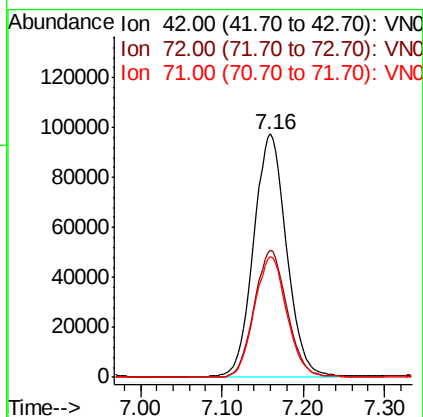
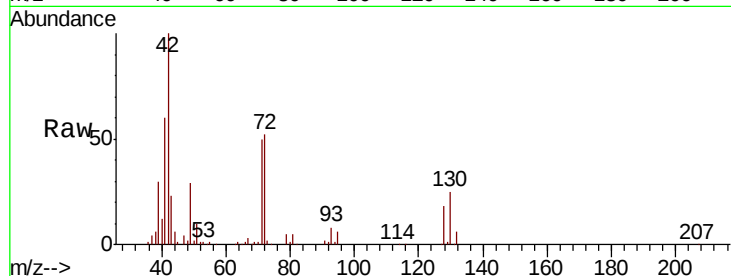




#29
Tetrahydrofuran
Concen: 221.598 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

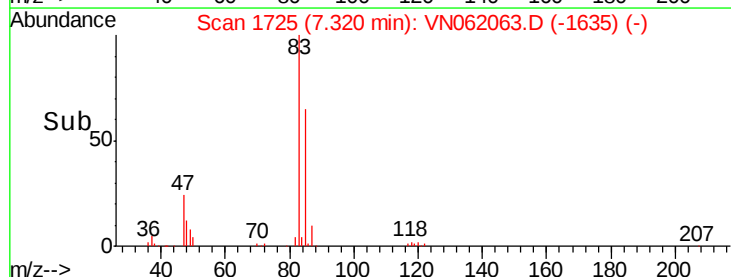
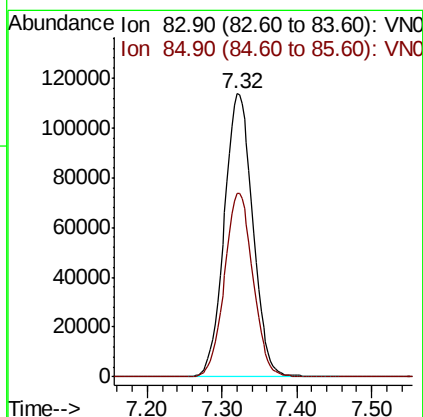
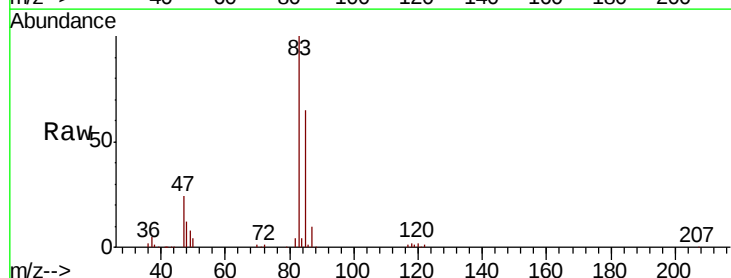
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

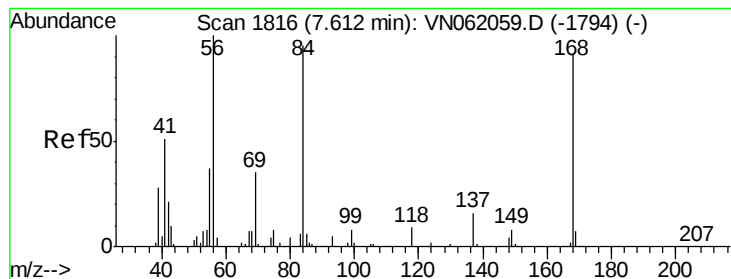
Tot Ion: 42 Resp: 273691
Ion Ratio Lower Upper
42 100
72 51.9 41.1 61.7
71 49.1 38.2 57.4



#30
Chloroform
Concen: 46.967 ug/l
RT: 7.32 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 83 Resp: 301076
Ion Ratio Lower Upper
83 100
85 64.8 52.3 78.5





#31

Cyclohexane

Concen: 48.059 ug/l

RT: 7.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICV062420

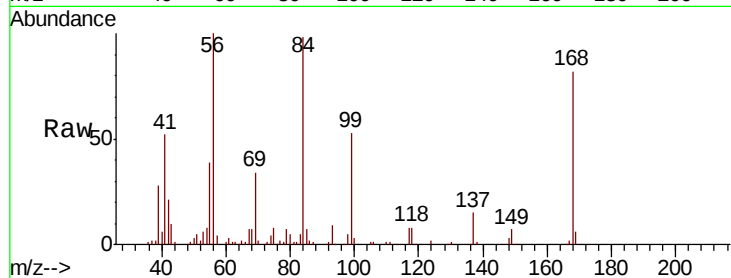
Tot Ion: 56 Resp: 256127

Ion Ratio Lower Upper

56 100

69 33.7 28.0 42.0

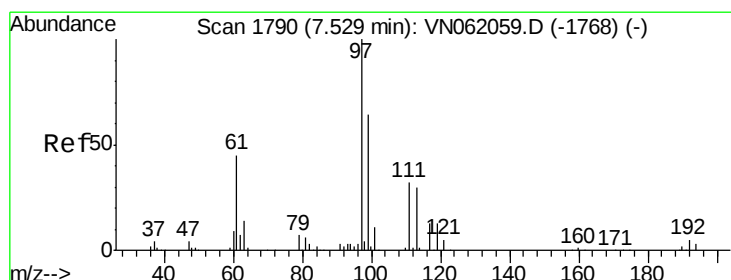
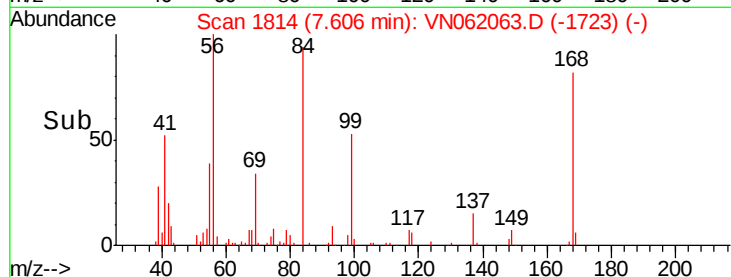
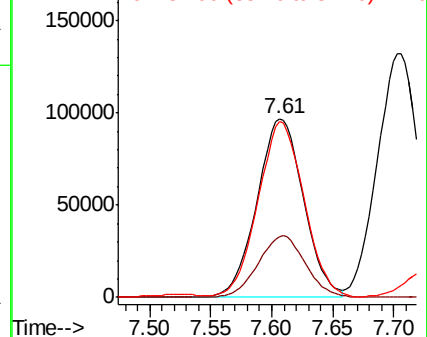
84 97.0 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062059.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062059.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 47.241 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

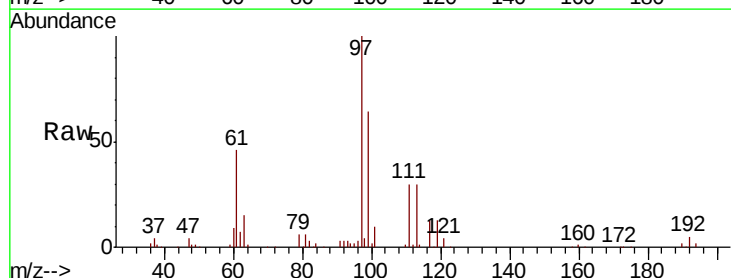
Tgt Ion: 97 Resp: 255384

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

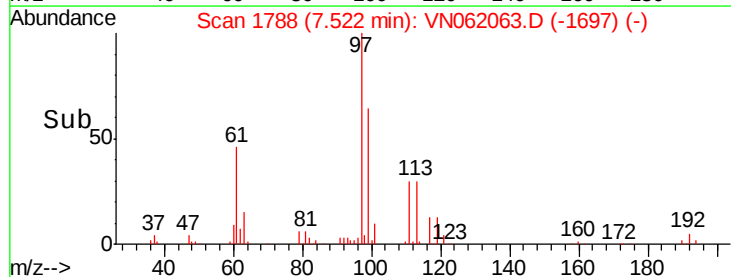
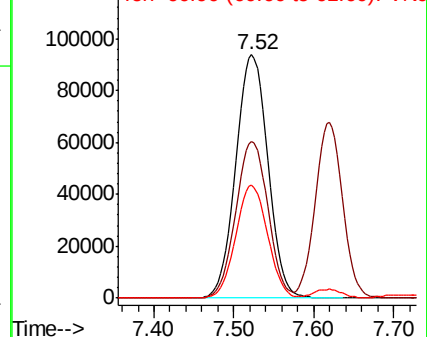
61 45.9 36.2 54.2

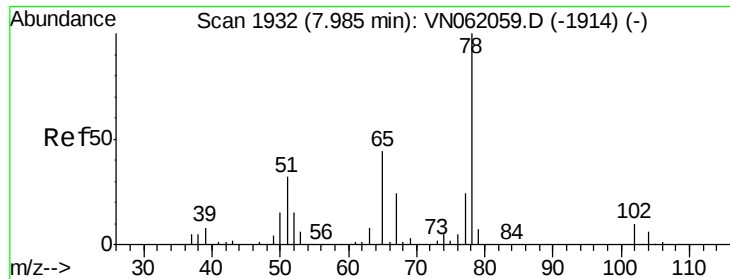


Abundance Ion 96.90 (96.60 to 97.60): VN062059.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN062059.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1768) (-)

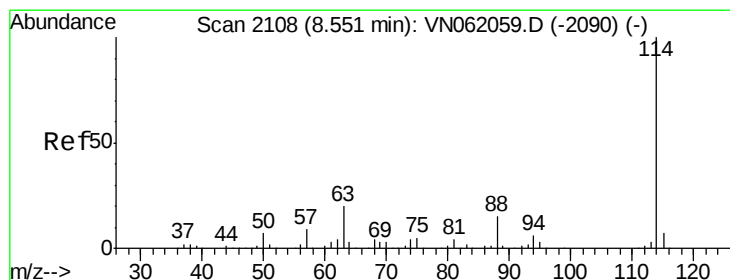
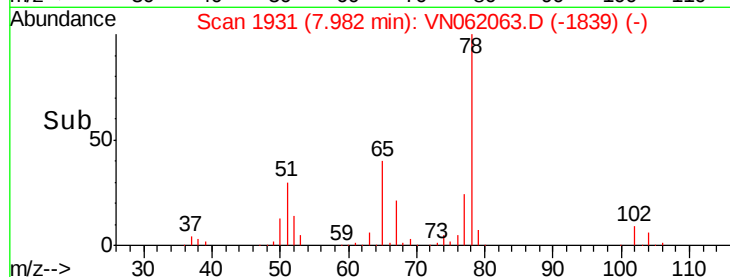
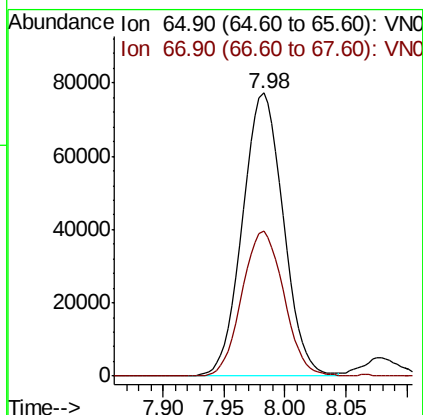
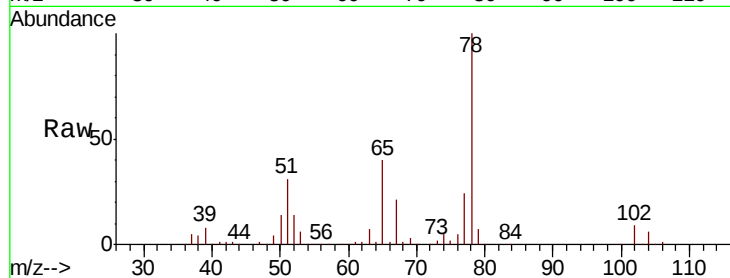




#33
 1,2-Dichloroethane-d4
 Concen: 46.460 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

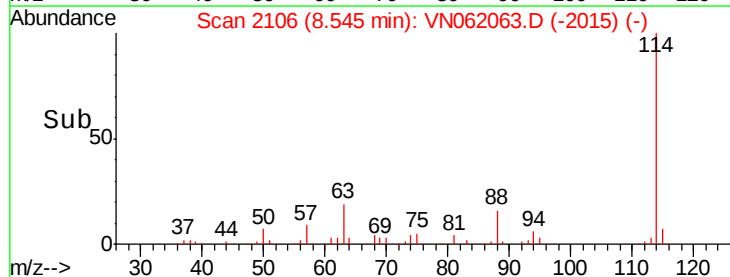
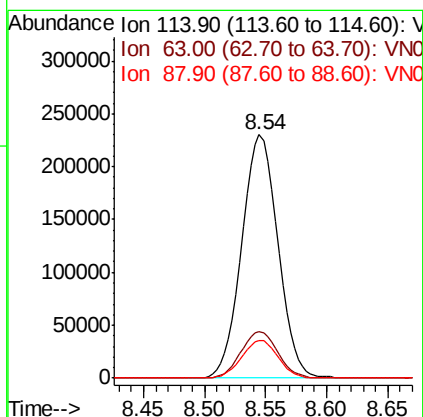
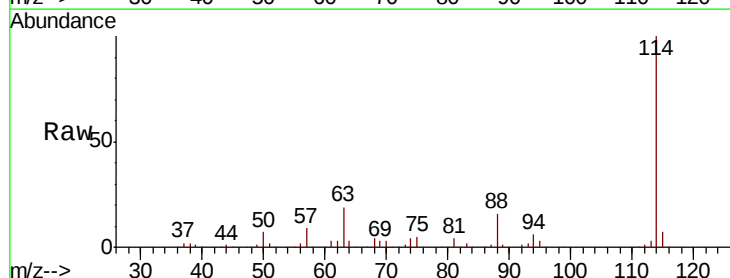
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062420

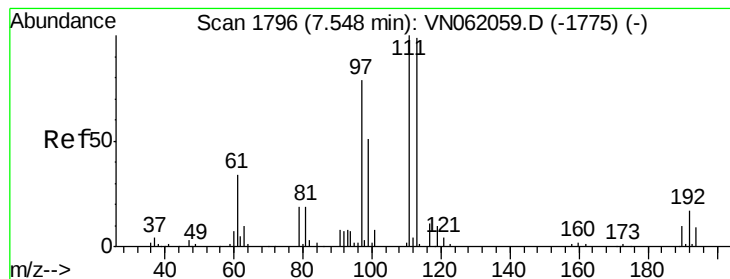
Tot Ion: 65 Resp: 179218
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion: 114 Resp: 472598
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.154 ug/l

RT: 7.54 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062420

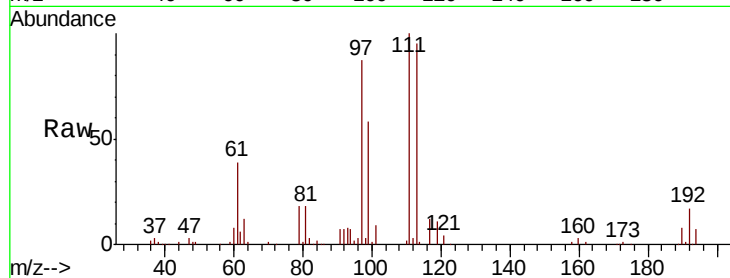
Tot Ion:113 Resp: 146000

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

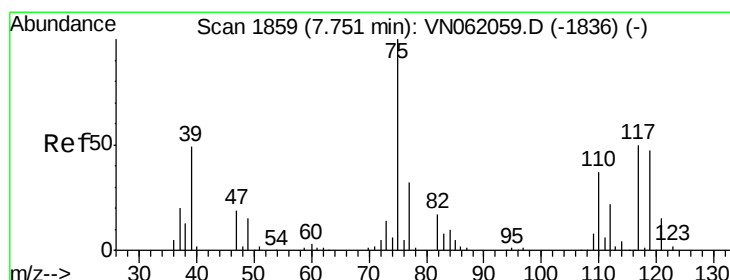
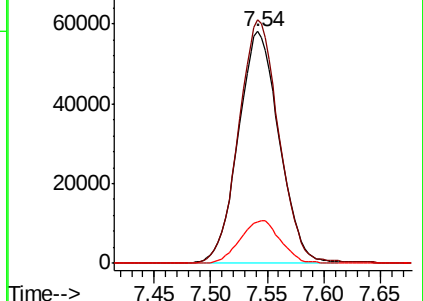
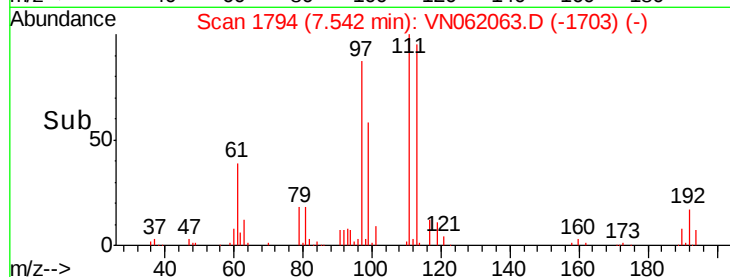
192 18.2 14.0 21.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.785 ug/l

RT: 7.74 min Scan# 1857

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

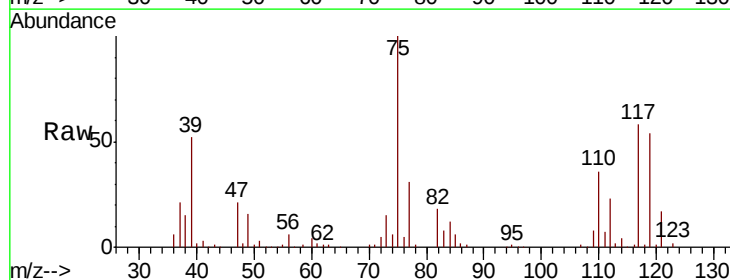
Tgt Ion: 75 Resp: 231746

Ion Ratio Lower Upper

75 100

110 35.8 17.9 53.8

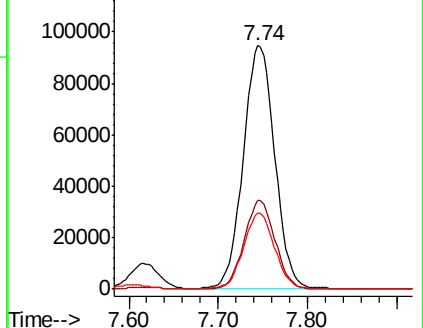
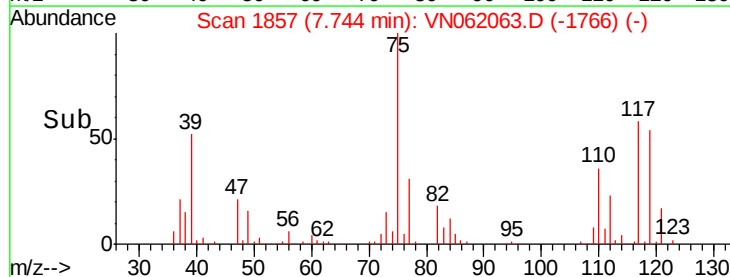
77 31.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

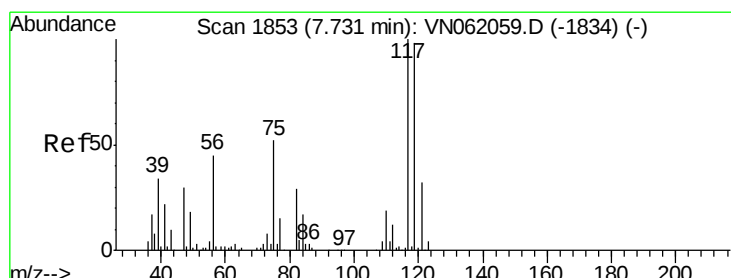
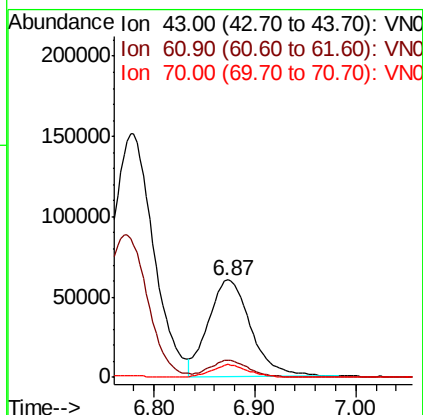
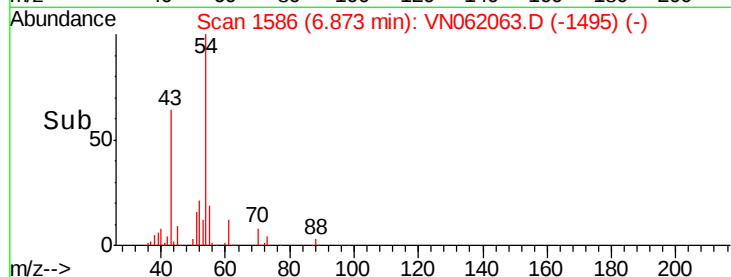
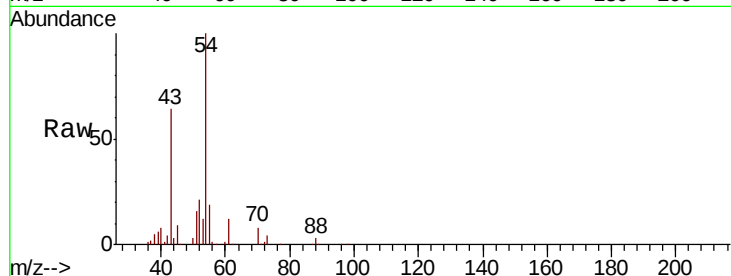




#37
Ethyl Acetate
Concen: 44.851 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

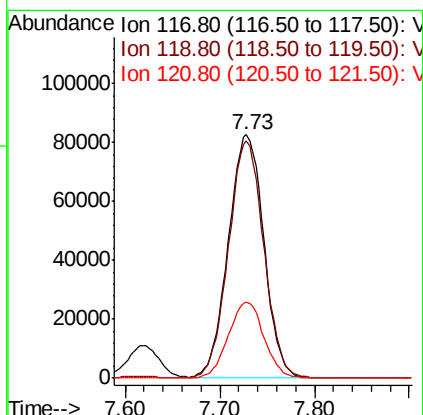
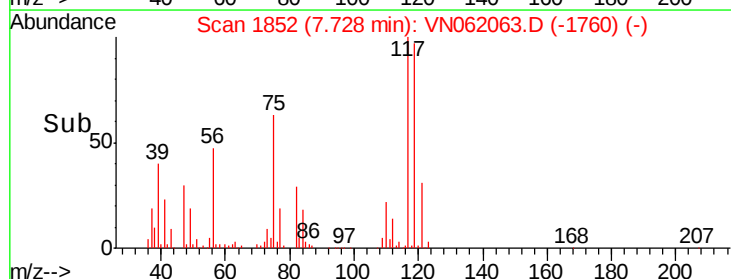
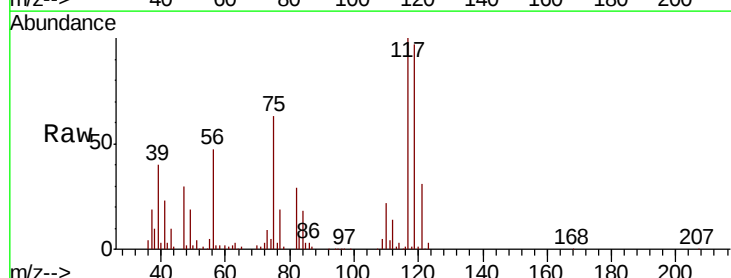
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

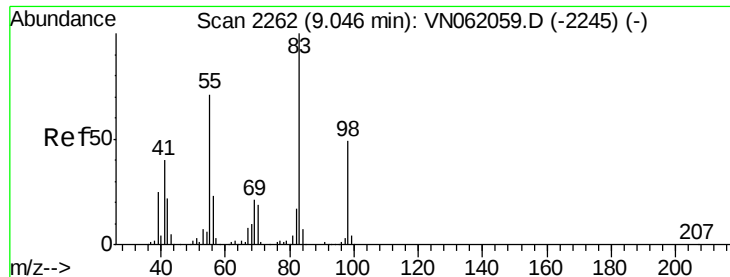
Tot Ion: 43 Resp: 176423
Ion Ratio Lower Upper
43 100
61 16.8 12.0 18.0
70 11.6 9.6 14.4



#38
Carbon Tetrachloride
Concen: 48.369 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 117 Resp: 216623
Ion Ratio Lower Upper
117 100
119 97.3 78.2 117.2
121 31.1 25.8 38.6

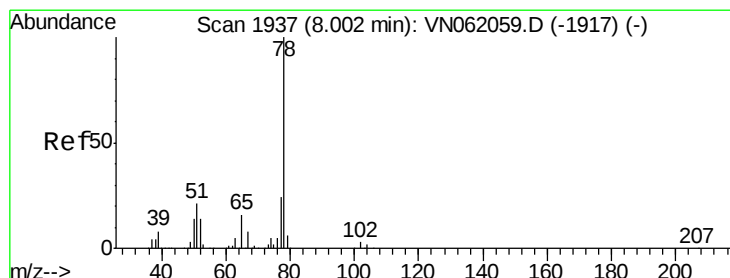
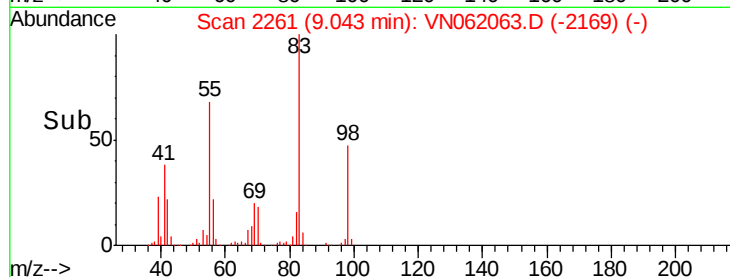
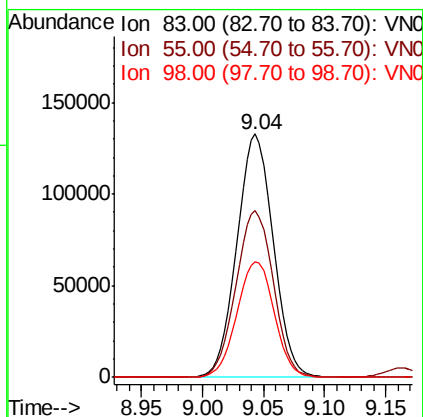
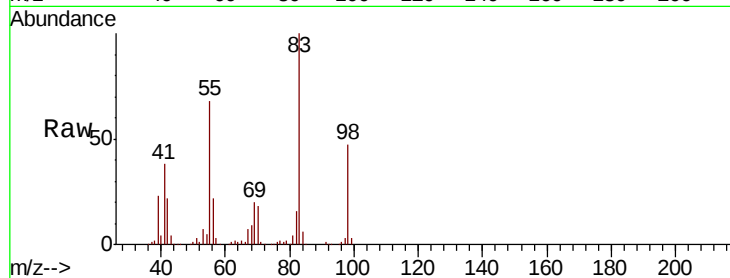




#39
Methvlcvclohexane
Concen: 52.799 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

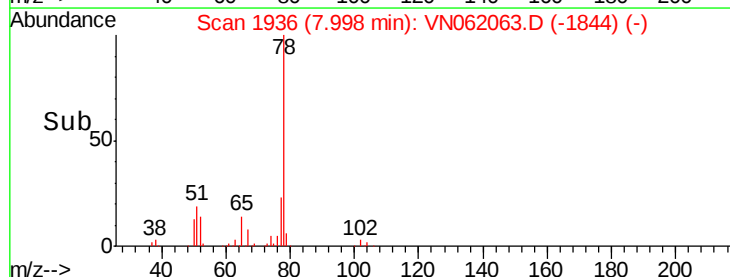
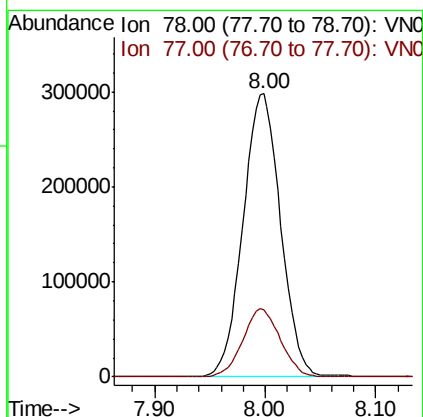
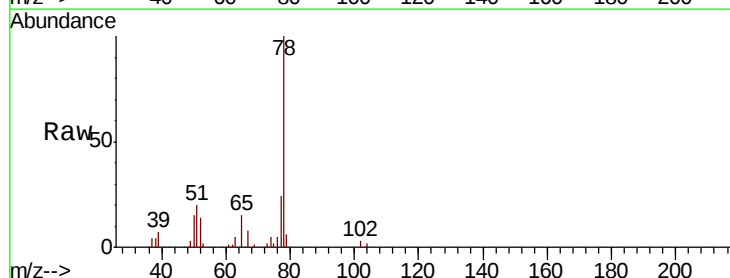
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

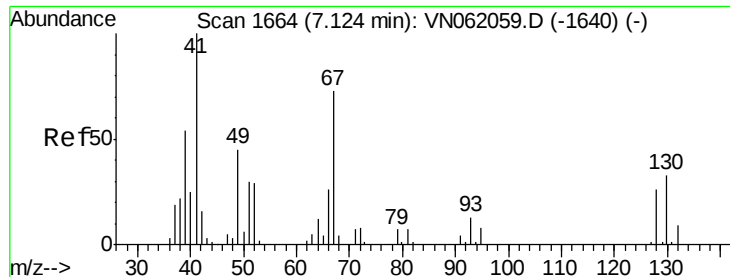
Tot Ion: 83 Resp: 274810
Ion Ratio Lower Upper
83 100
55 68.4 57.0 85.6
98 47.4 39.0 58.6



#40
Benzene
Concen: 48.497 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 78 Resp: 702176
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3

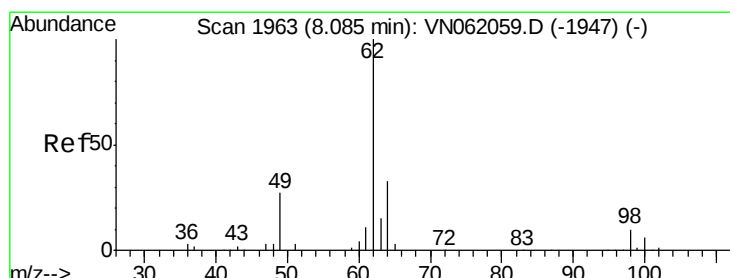
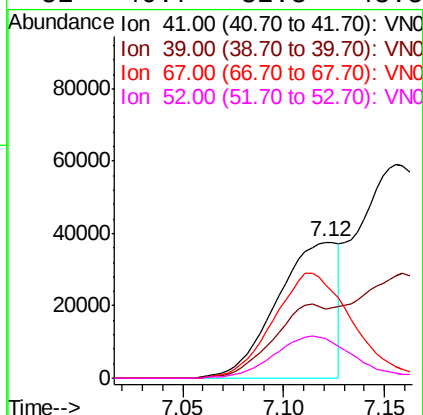
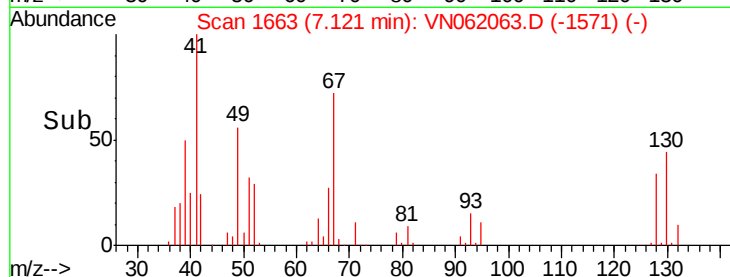
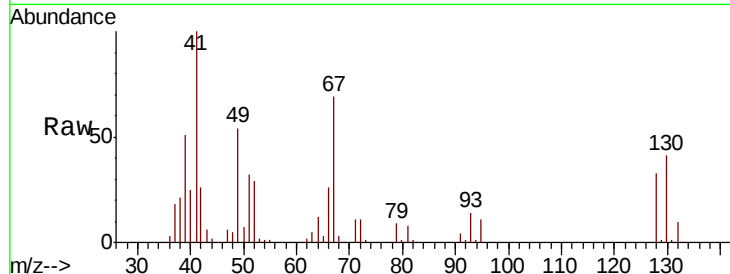




#41
Methacrylonitrile
Concen: 43.346 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

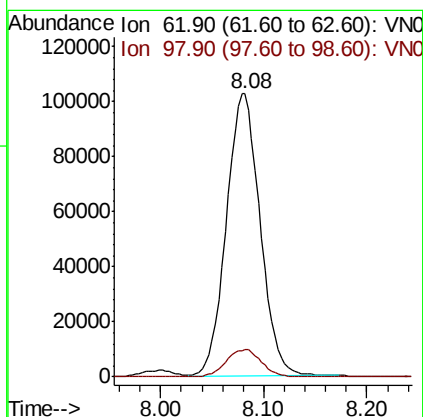
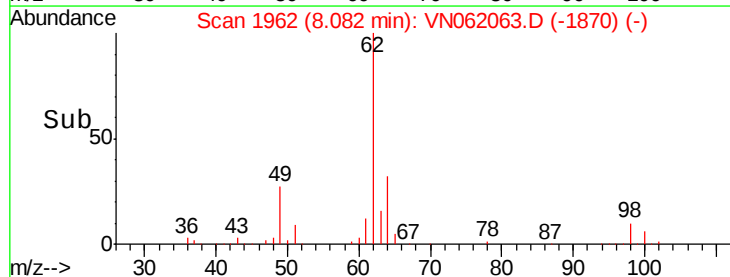
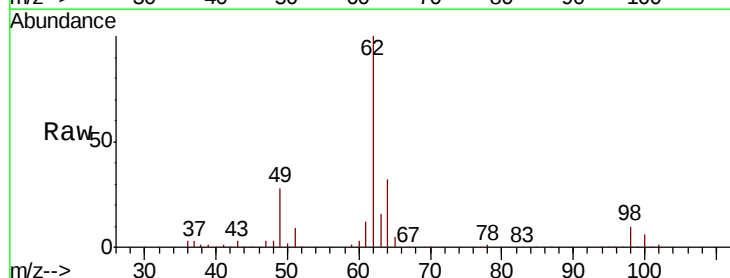
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

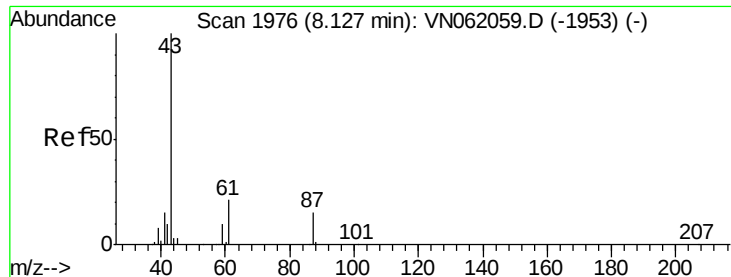
Tot Ion: 41 Resp: 79045
Ion Ratio Lower Upper
41 100
39 46.0 44.2 66.2
67 100.4 79.5 119.3
52 40.7 32.3 48.5



#42
1,2-Dichloroethane
Concen: 47.746 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 62 Resp: 233567
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 46.807 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICV062420

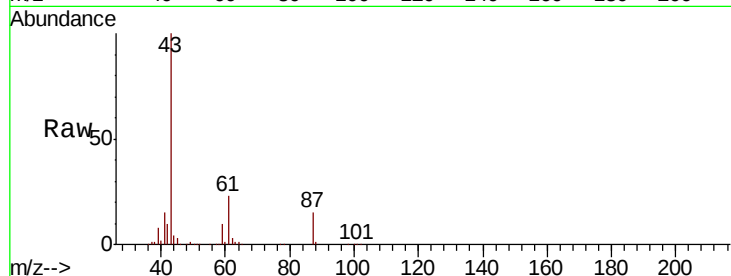
Tot Ion: 43 Resp: 300142

Ion Ratio Lower Upper

43 100

61 22.0 17.2 25.8

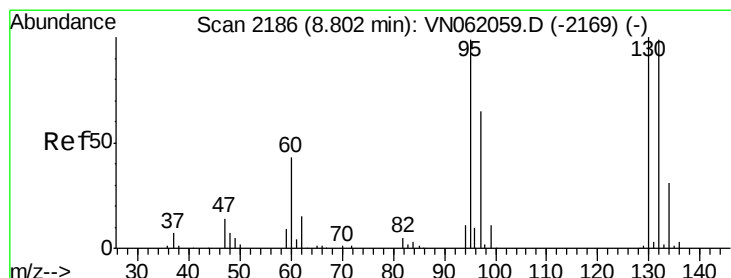
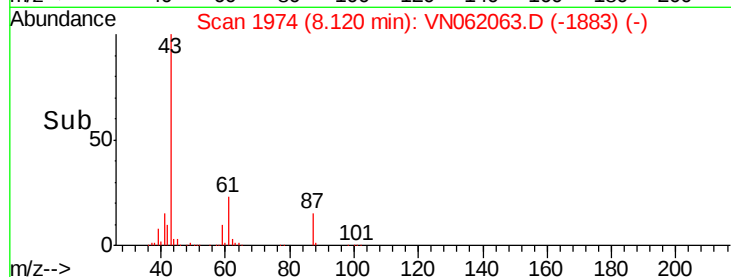
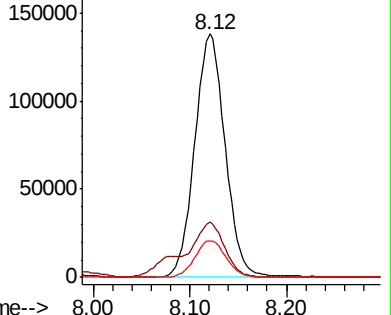
87 15.4 12.1 18.1



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

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

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



#44

Trichloroethene

Concen: 47.896 ug/l

RT: 8.80 min Scan# 2184

Delta R.T. -0.01 min

Lab File: VN062063.D

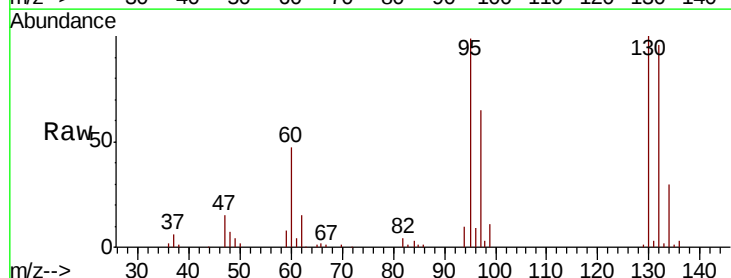
Acq: 24 Jun 2020 14:45

Tgt Ion: 130 Resp: 174932

Ion Ratio Lower Upper

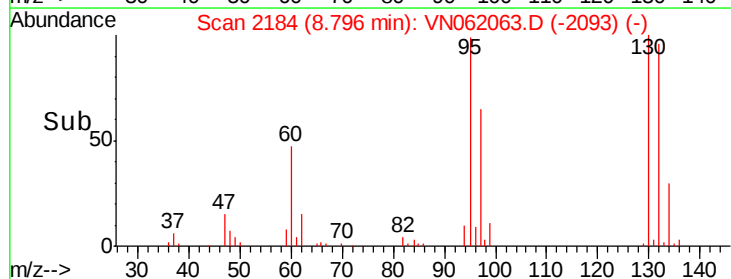
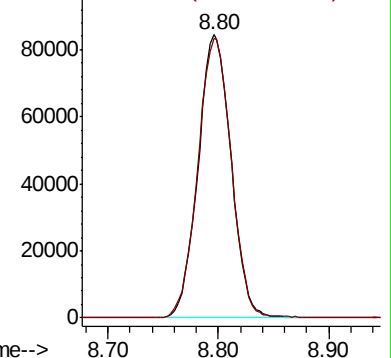
130 100

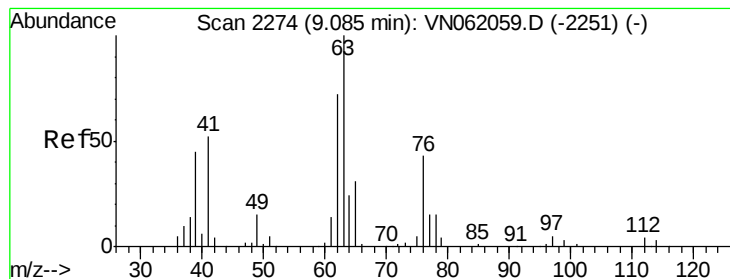
95 98.7 0.0 197.8



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

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





#45

1,2-Dichloropropane

Concen: 49.309 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

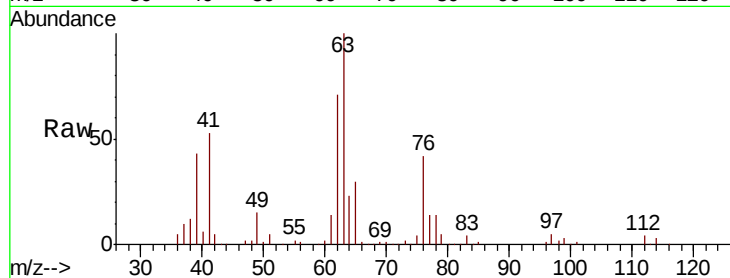
ICVVN062420

Tot Ion: 63 Resp: 176131

Ion Ratio Lower Upper

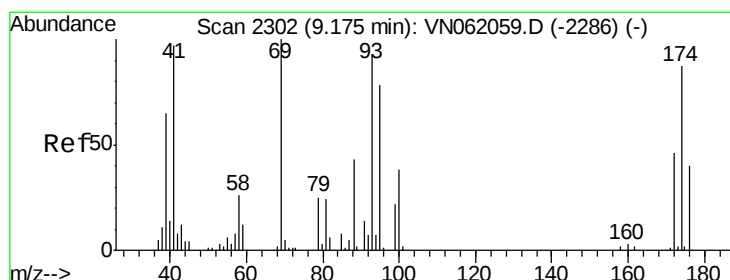
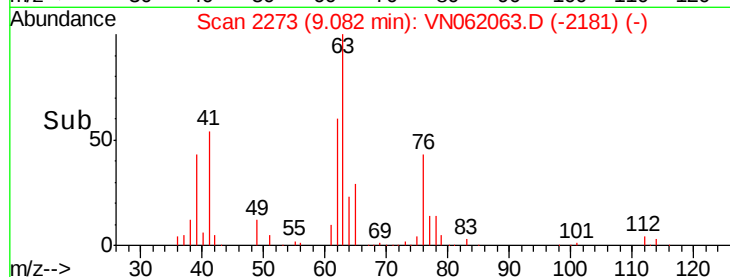
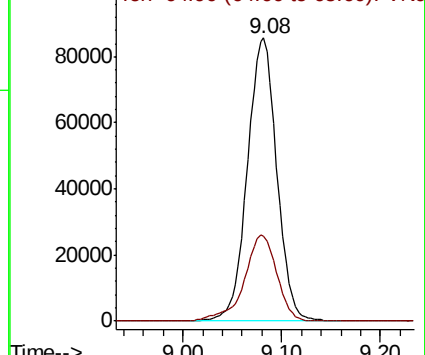
63 100

65 30.2 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN062059.D (-2251) (-)

Ion 64.90 (64.60 to 65.60): VN062059.D (-2251) (-)



#46

Dibromomethane

Concen: 48.612 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

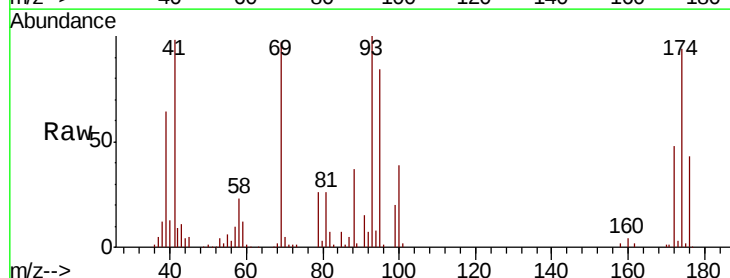
Tgt Ion: 93 Resp: 117729

Ion Ratio Lower Upper

93 100

95 82.2 67.0 100.6

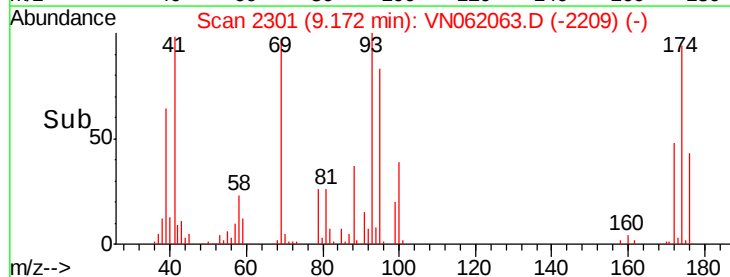
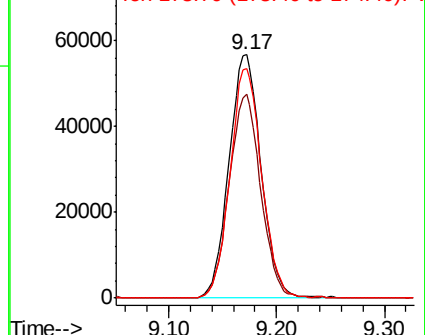
174 93.0 74.4 111.6

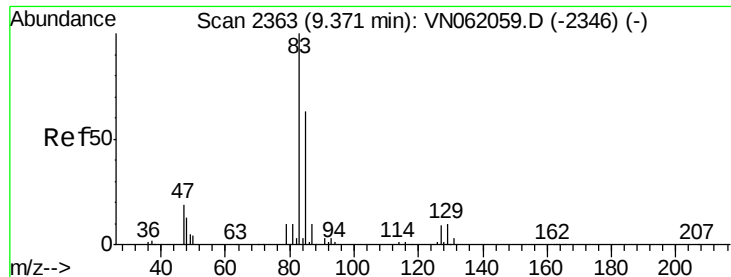


Abundance Ion 92.80 (92.50 to 93.50): VN062059.D (-2286) (-)

Ion 94.80 (94.50 to 95.50): VN062059.D (-2286) (-)

Ion 173.70 (173.40 to 174.40): VN062059.D (-2286) (-)





#47

Bromodichloromethane

Concen: 49.724 ug/l

RT: 9.36 min Scan# 2361

Delta R.T. -0.01 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062420

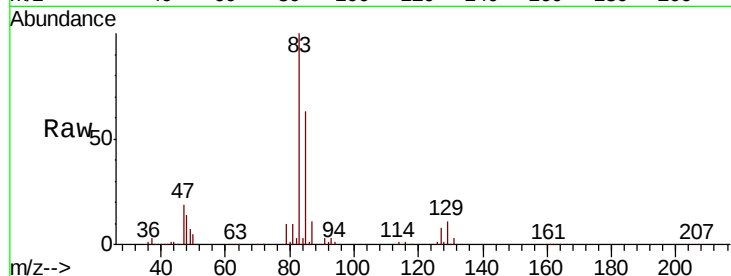
Tot Ion: 83 Resp: 243149

Ion Ratio Lower Upper

83 100

85 62.8 50.3 75.5

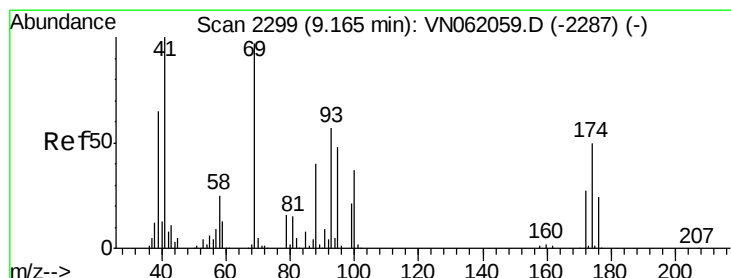
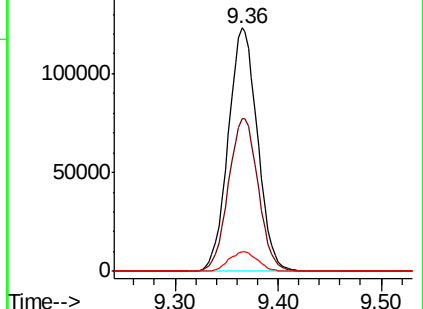
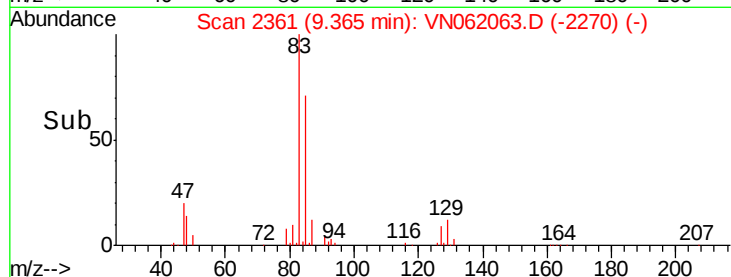
127 8.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-2346) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-2346) (-)

Ion 126.80 (126.50 to 127.50): VN062059.D (-2346) (-)



#48

Methyl methacrylate

Concen: 48.625 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

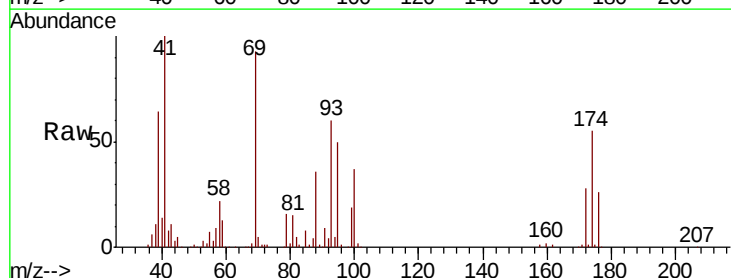
Tgt Ion: 41 Resp: 139802

Ion Ratio Lower Upper

41 100

69 99.0 80.7 121.1

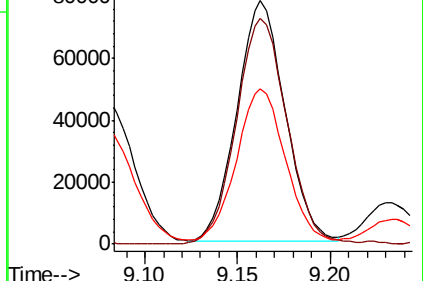
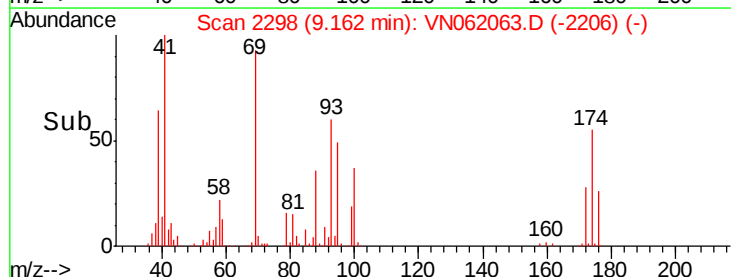
39 66.1 54.5 81.7

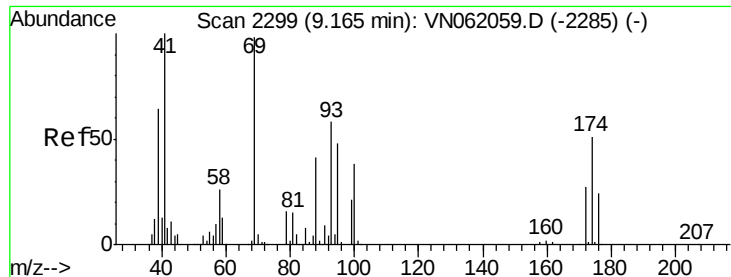


Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062059.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-2287) (-)

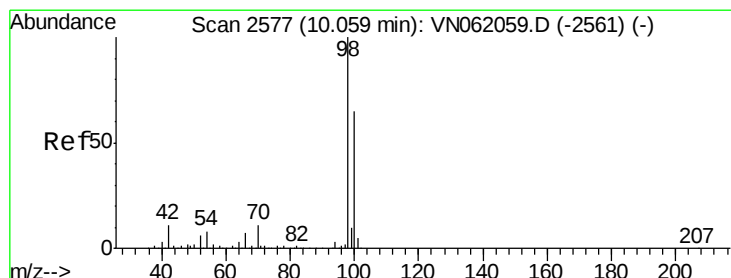
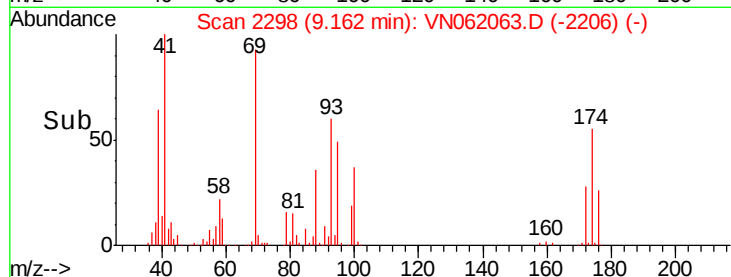
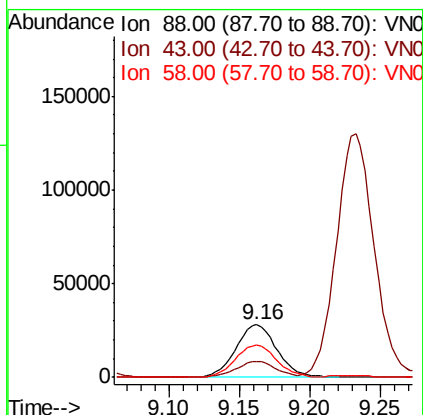
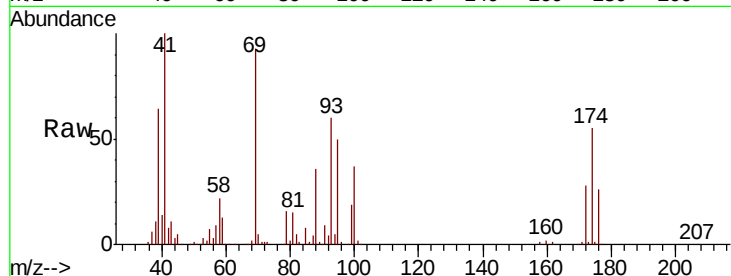




#49
1,4-Dioxane
Concen: 900.945 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

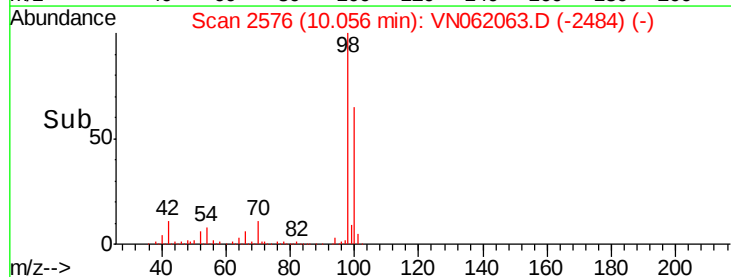
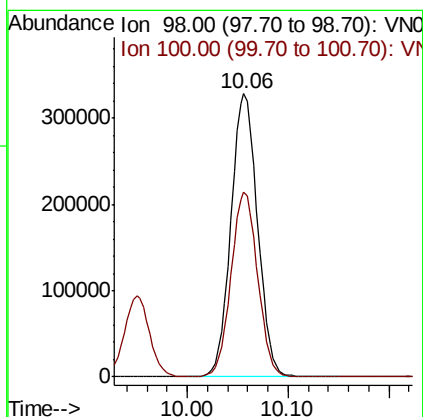
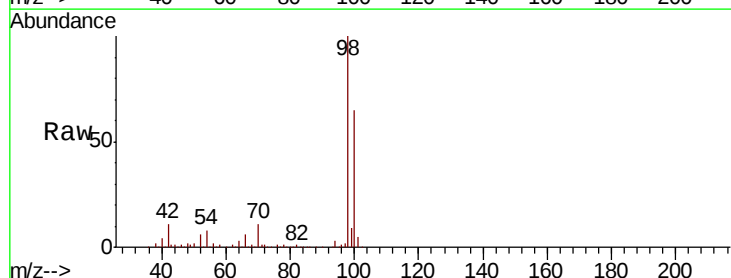
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion: 88 Resp: 57443
Ion Ratio Lower Upper
88 100
43 29.9 22.0 33.0
58 61.7 49.2 73.8



#50
Toluene-d8
Concen: 49.756 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 98 Resp: 603024
Ion Ratio Lower Upper
98 100
100 65.1 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 238.889 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

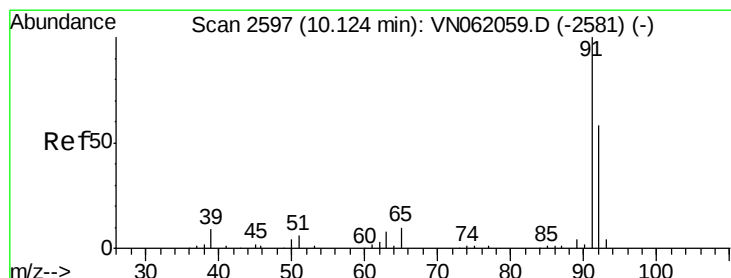
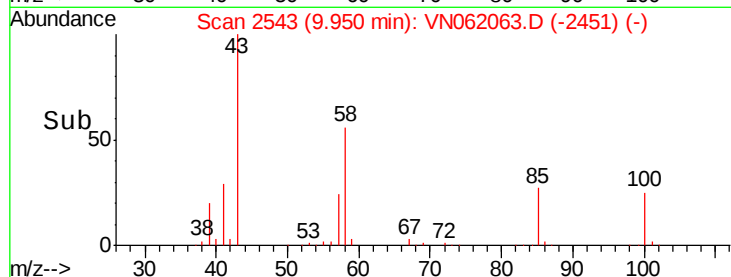
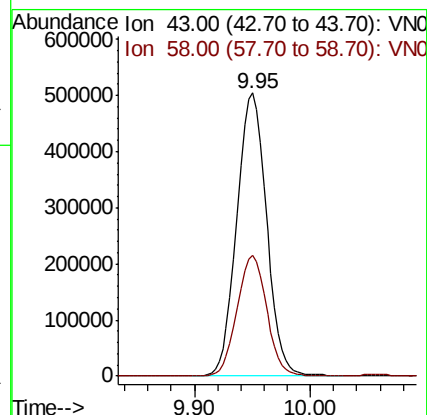
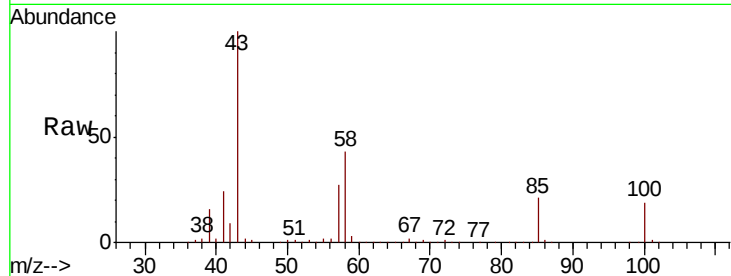
ICVVN062420

Tot Ion: 43 Resp: 894980

Ion Ratio Lower Upper

43 100

58 42.6 34.2 51.2



#52

Toluene

Concen: 51.508 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.00 min

Lab File: VN062063.D

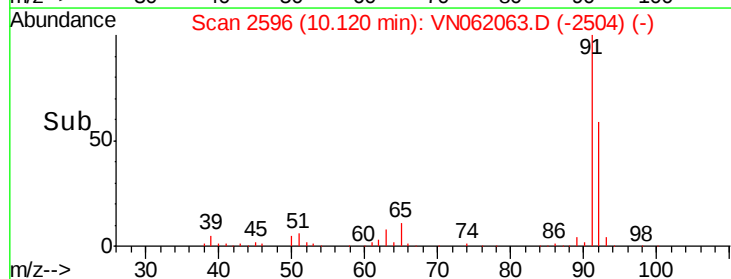
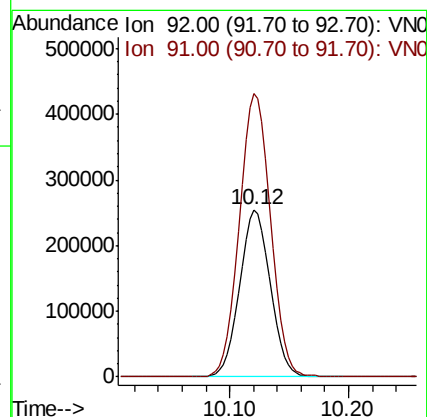
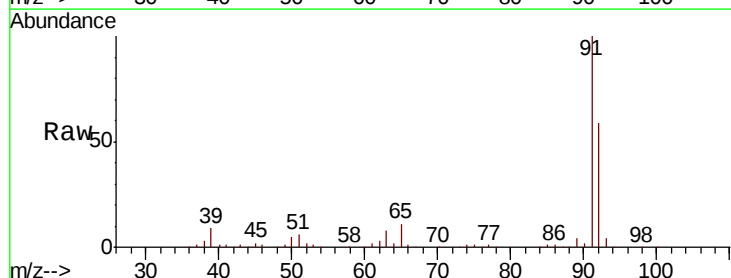
Acq: 24 Jun 2020 14:45

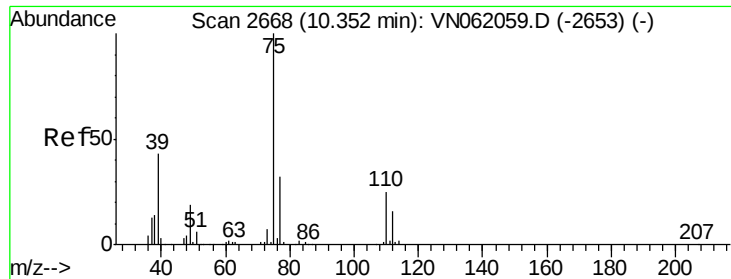
Tgt Ion: 92 Resp: 455039

Ion Ratio Lower Upper

92 100

91 172.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 50.861 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

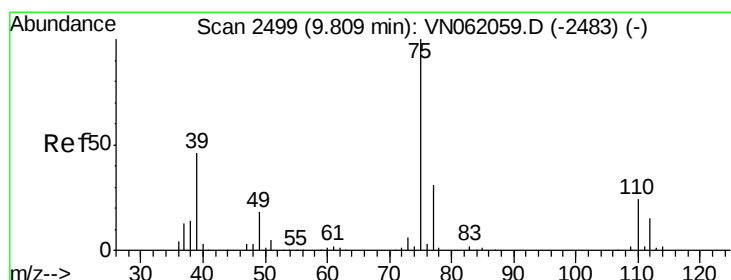
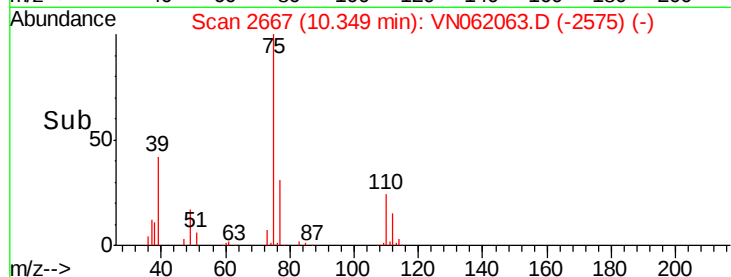
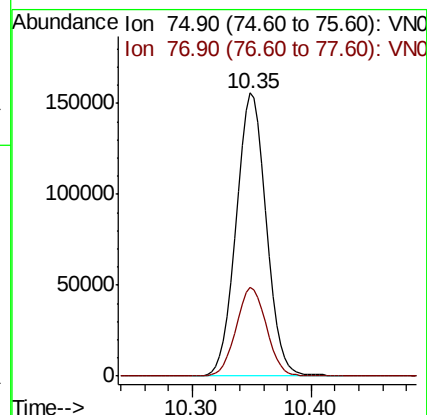
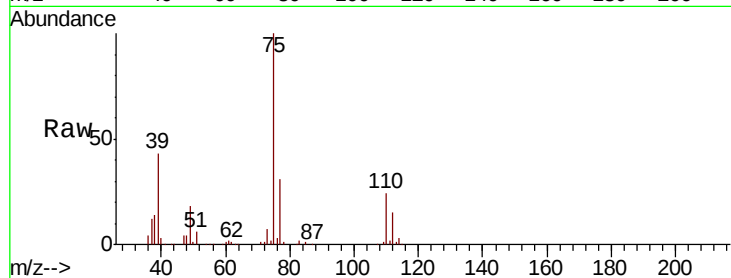
ICVVN062420

Tot Ion: 75 Resp: 273628

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 51.615 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

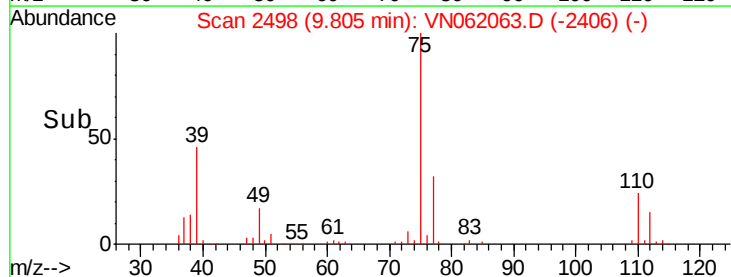
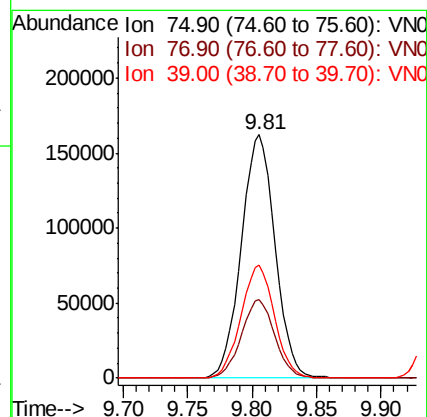
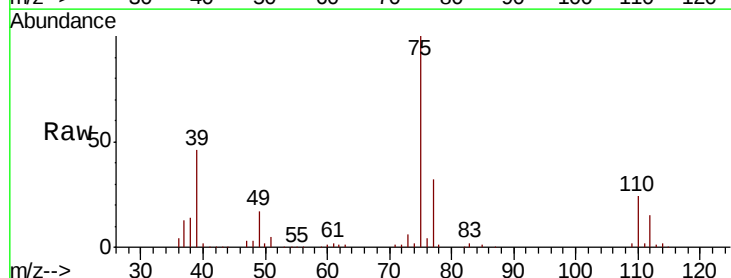
Tgt Ion: 75 Resp: 295634

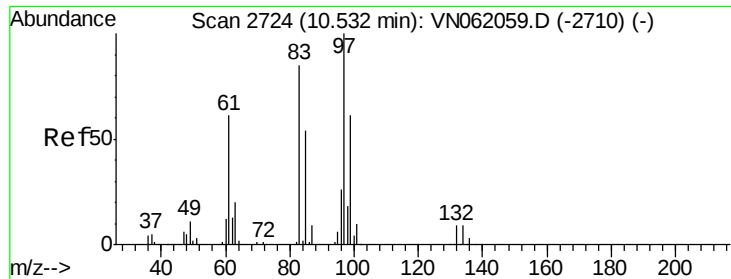
Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6

39 46.3 36.9 55.3



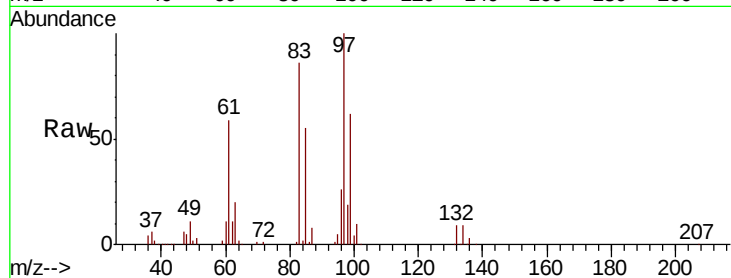


#55
 1,1,2-Trichloroethane
 Concen: 49.181 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062420

Tot Ion: 97 Resp: 170788

Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.2	102.2
85	54.8	43.2	64.8
99	61.9	48.5	72.7



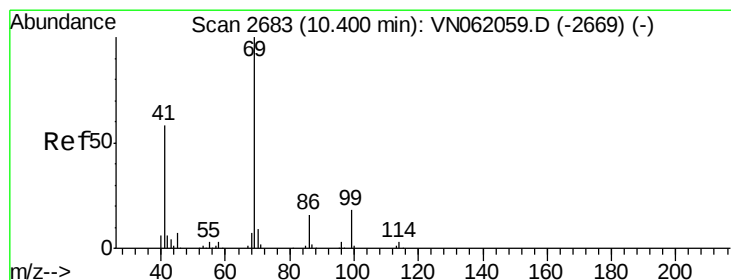
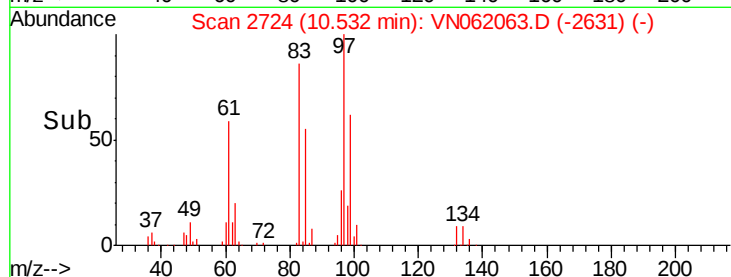
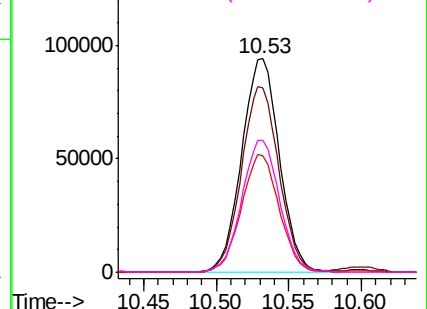
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

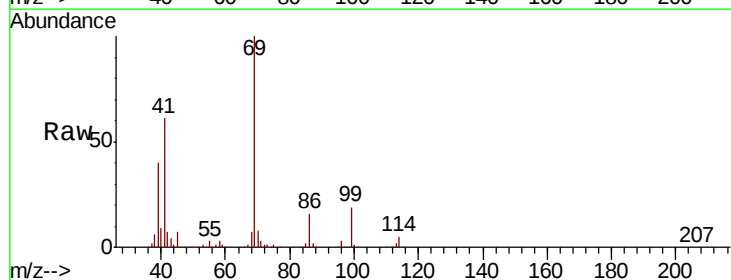
Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 51.717 ug/l
 RT: 10.40 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion: 69 Resp: 239679

Ion	Ratio	Lower	Upper
69	100		
41	59.2	46.6	70.0
39	39.5	31.0	46.4

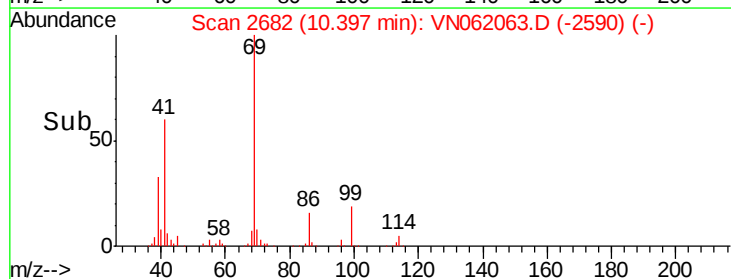
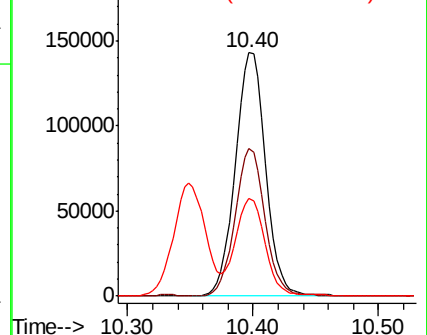


Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 49.300 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

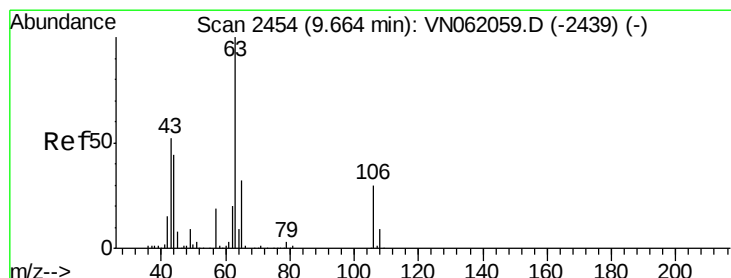
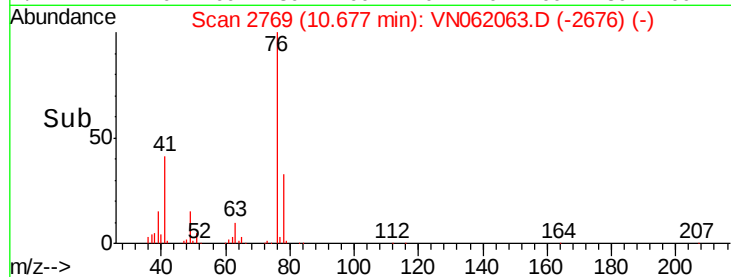
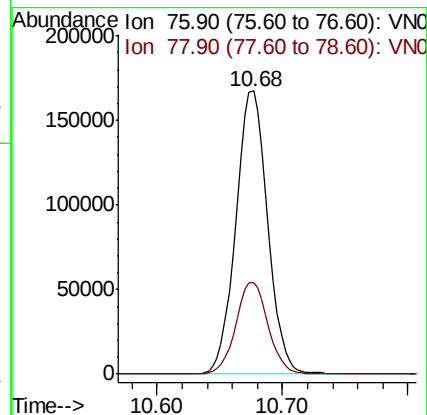
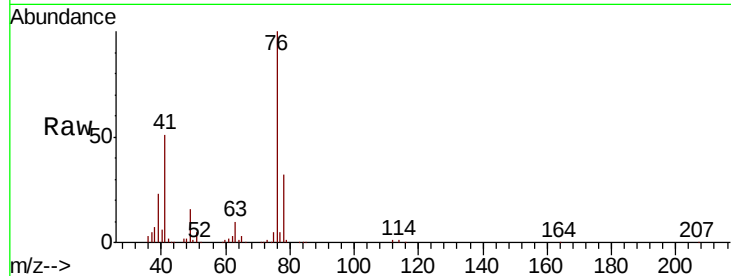
ICVVN062420

Tot Ion: 76 Resp: 294679

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 227.977 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062063.D

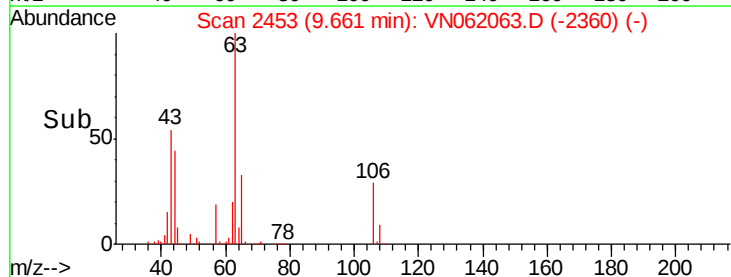
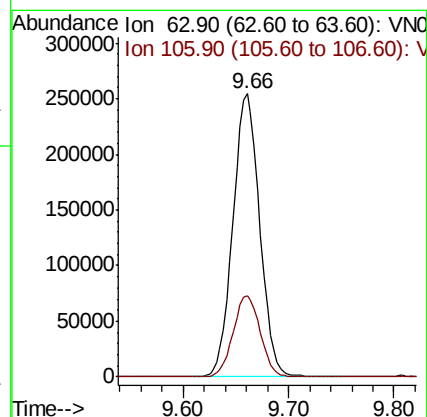
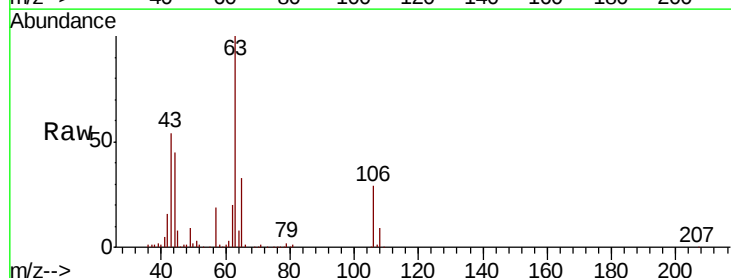
Acq: 24 Jun 2020 14:45

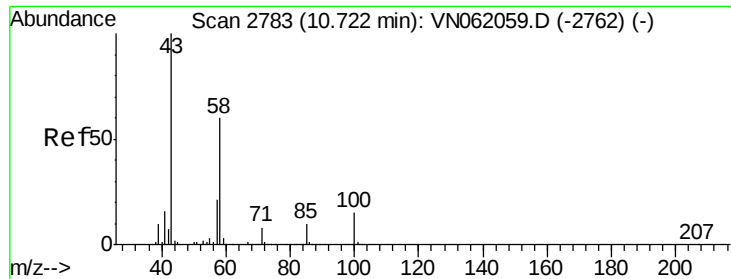
Tgt Ion: 63 Resp: 446835

Ion Ratio Lower Upper

63 100

106 29.1 23.2 34.8

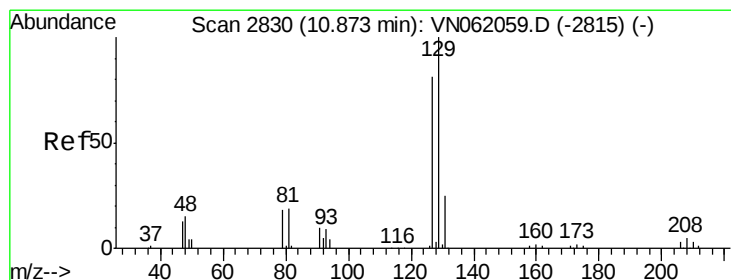
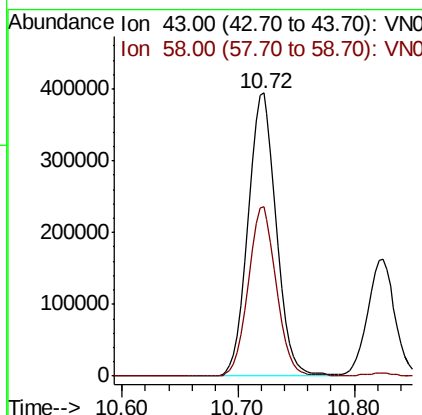
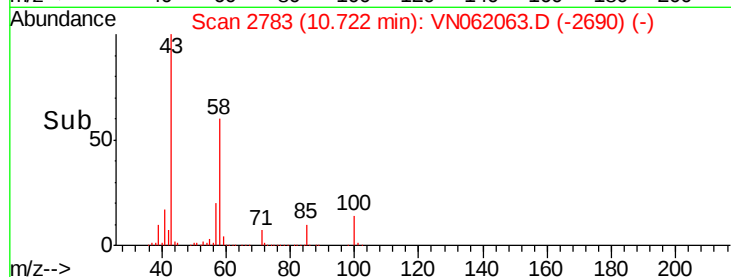
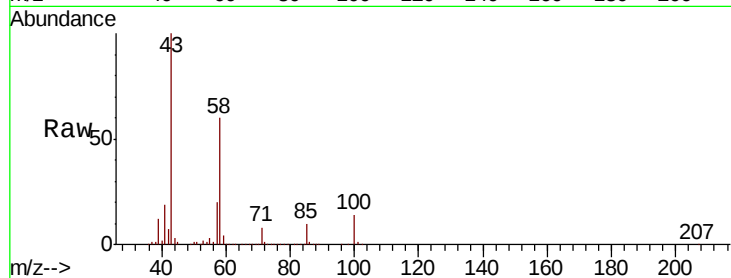




#59
2-Hexanone
Concen: 247.689 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

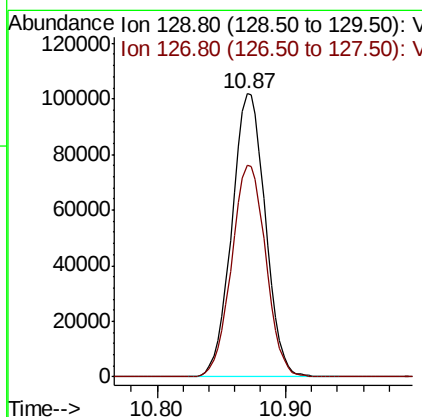
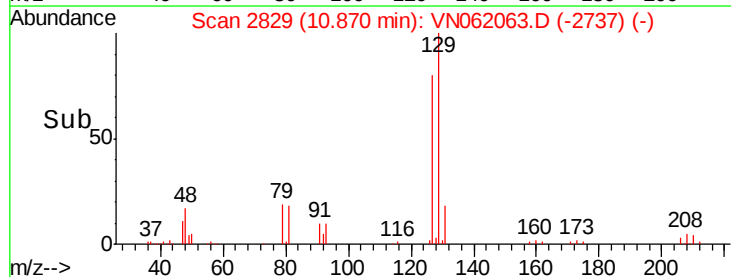
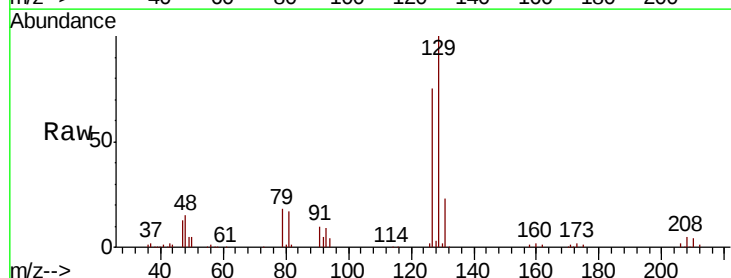
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

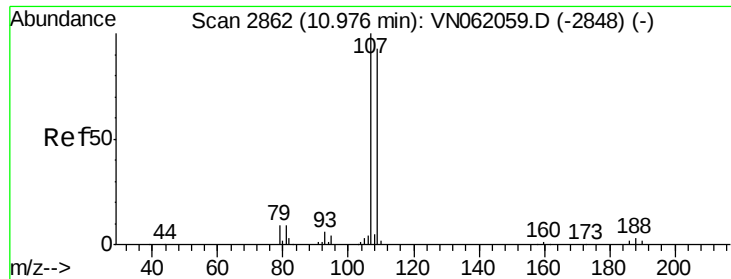
Tot Ion: 43 Resp: 670068
Ion Ratio Lower Upper
43 100
58 59.9 29.5 88.5



#60
Dibromochloromethane
Concen: 49.992 ug/l
RT: 10.87 min Scan# 2829
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 129 Resp: 183798
Ion Ratio Lower Upper
129 100
127 76.3 39.5 118.5

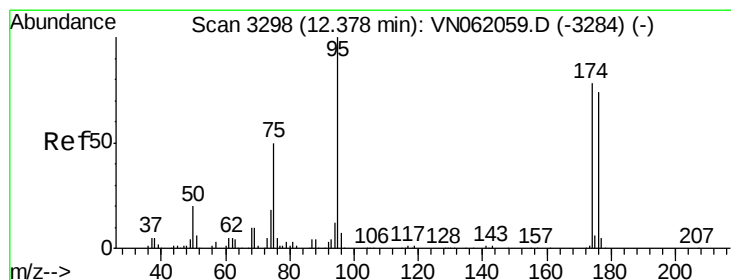
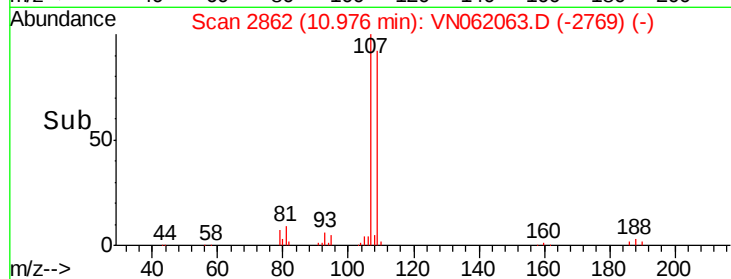
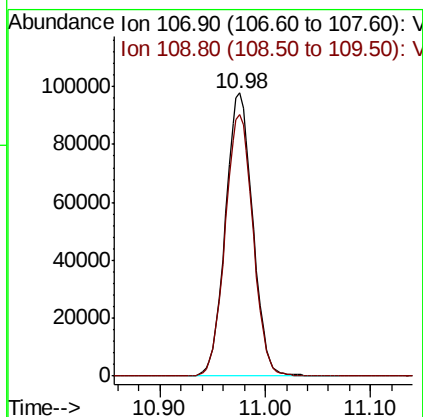
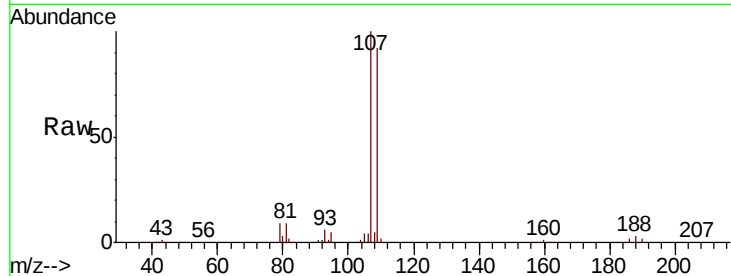




#61
 1,2-Dibromoethane
 Concen: 49.003 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

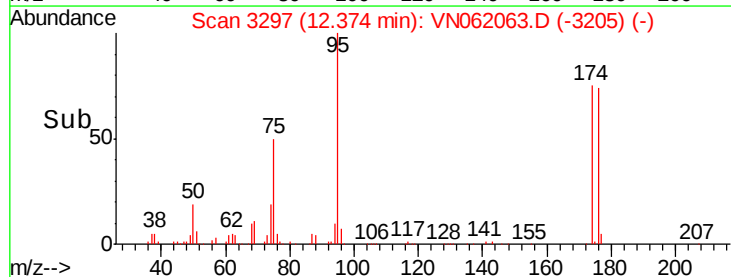
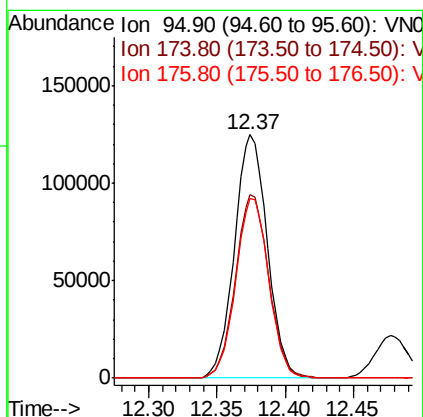
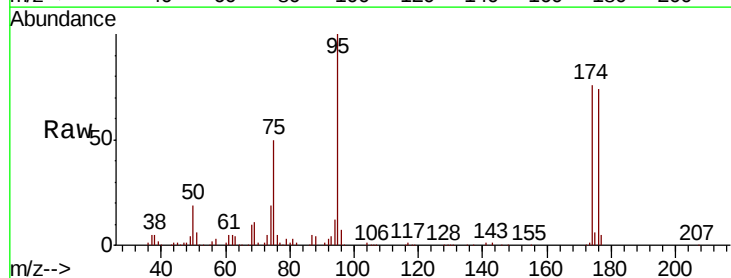
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN062420

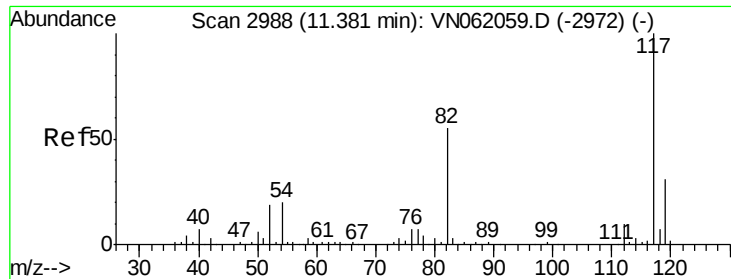
Tot Ion:107 Resp: 174853
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.965 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion: 95 Resp: 208686
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 154.8
 176 73.9 0.0 147.4

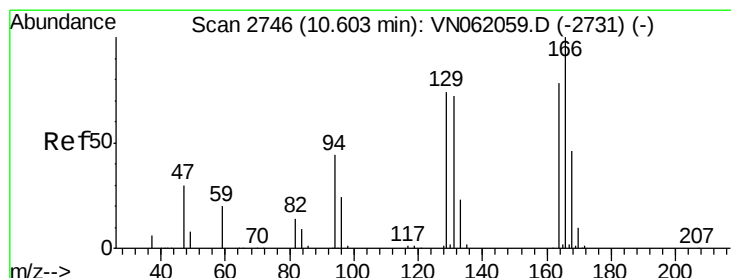
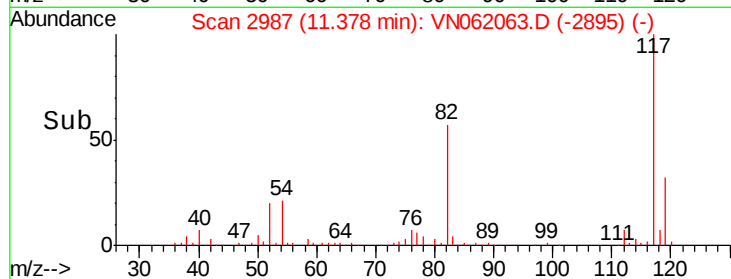
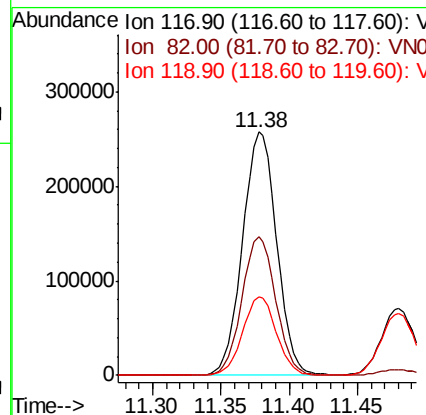
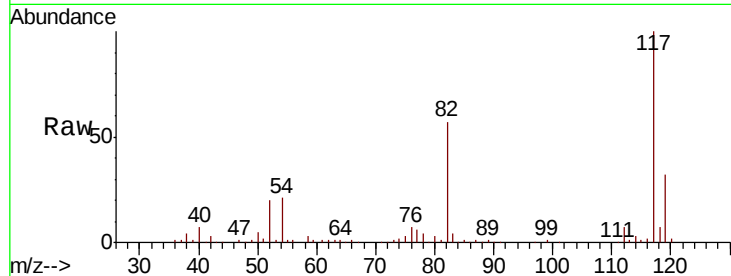




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

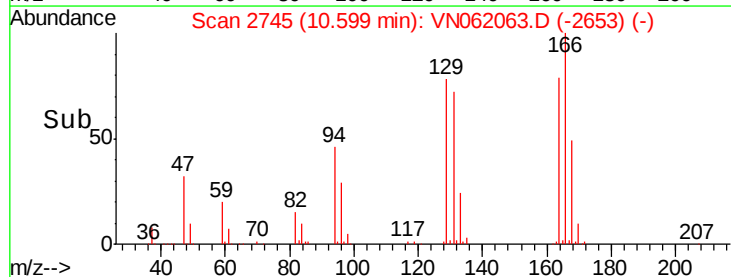
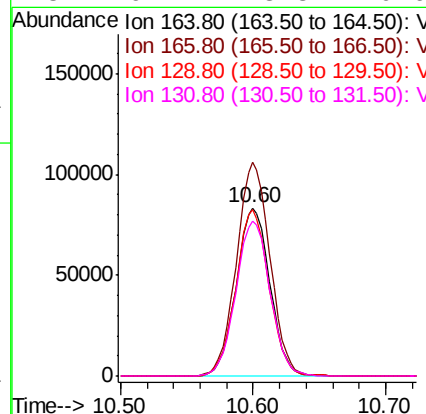
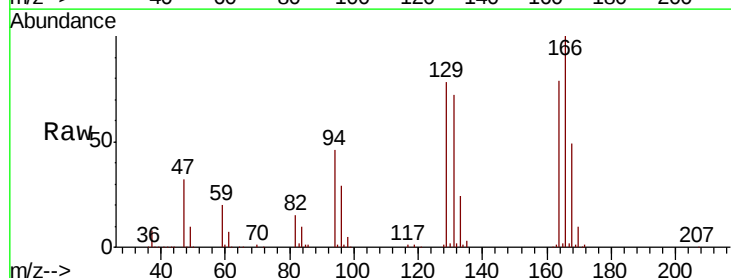
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

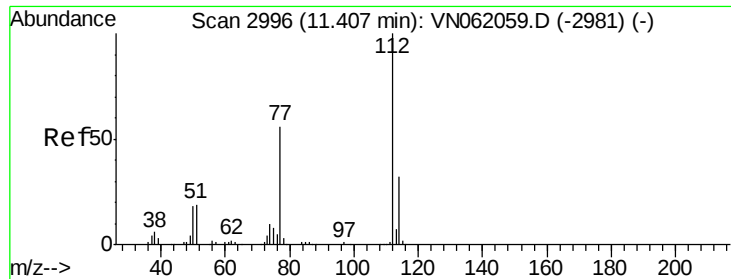
Tot Ion:117 Resp: 448217
Ion Ratio Lower Upper
117 100
82 56.9 43.8 65.8
119 32.5 25.2 37.8



#64
Tetrachloroethene
Concen: 47.934 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion:164 Resp: 146760
Ion Ratio Lower Upper
164 100
166 127.2 102.9 154.3
129 99.1 75.8 113.8
131 92.1 73.8 110.6

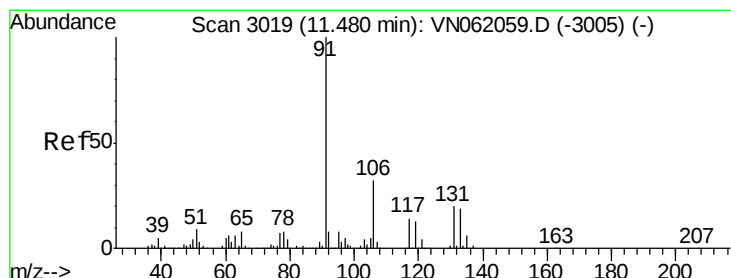
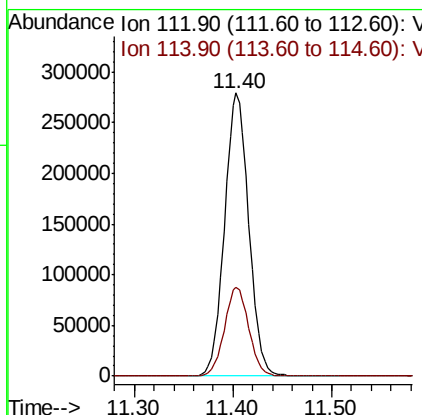
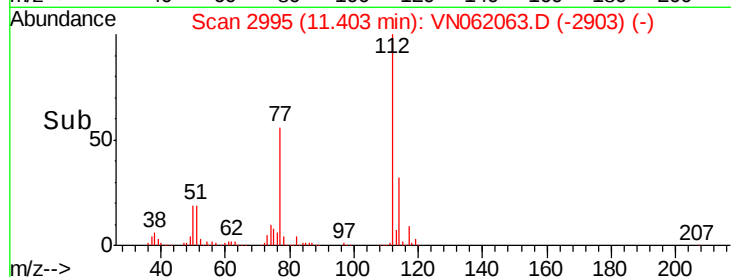
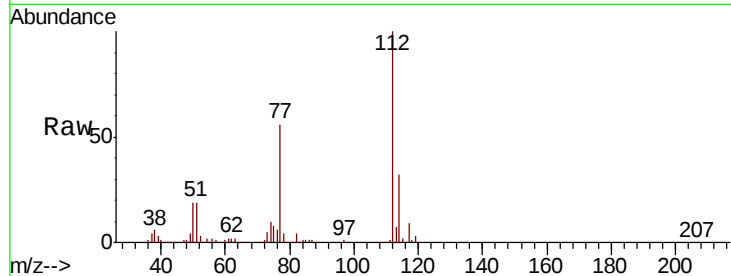




#65
Chlorobenzene
Concen: 48.784 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

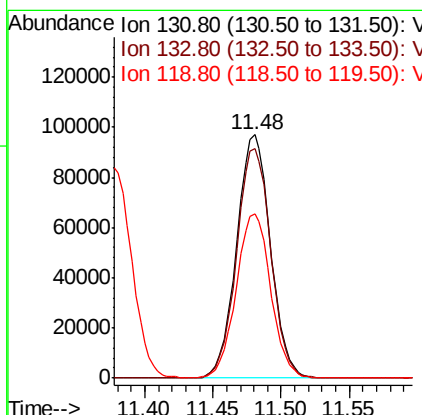
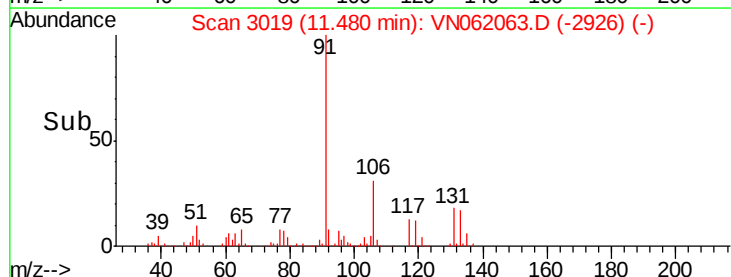
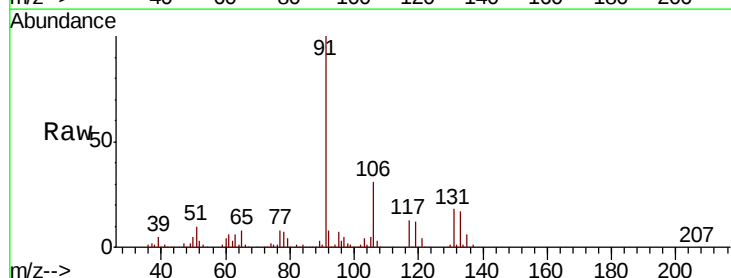
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

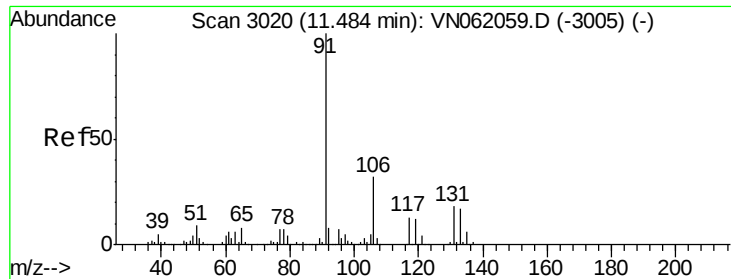
Tot Ion:112 Resp: 480180
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.120 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion:131 Resp: 167184
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 68.9 34.4 103.3

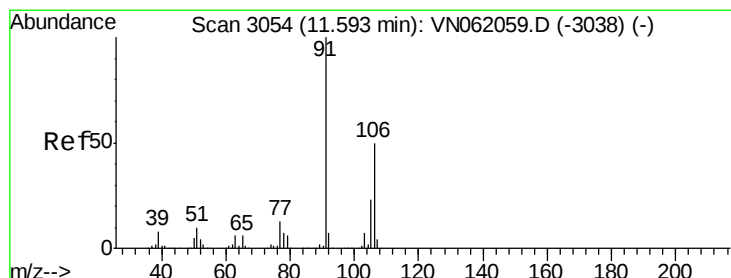
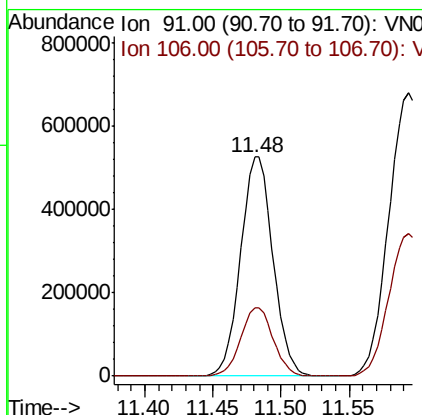
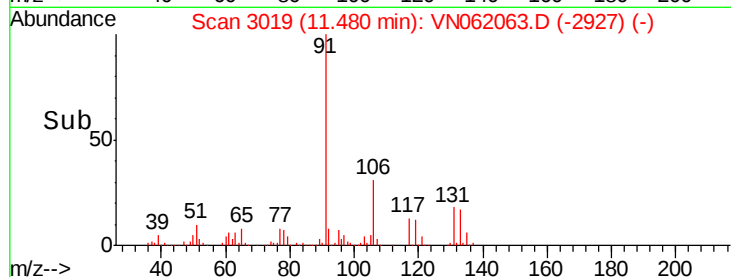
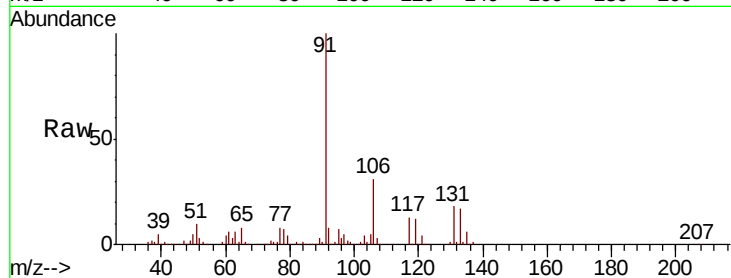




#67
Ethyl Benzene
Concen: 52.179 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

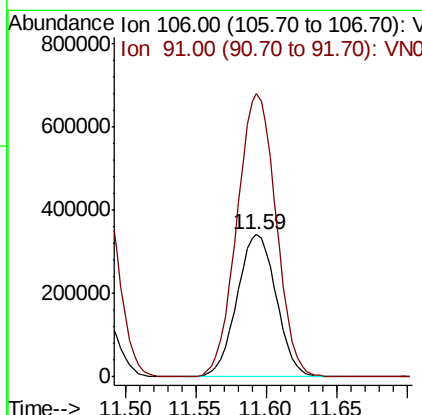
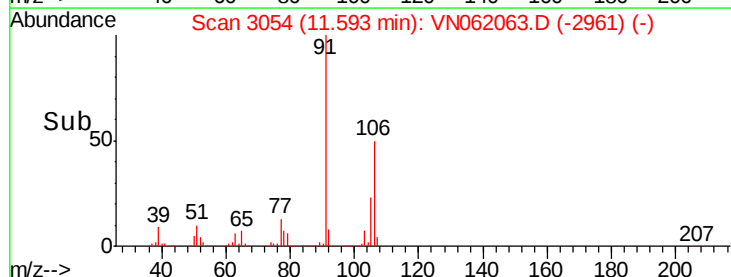
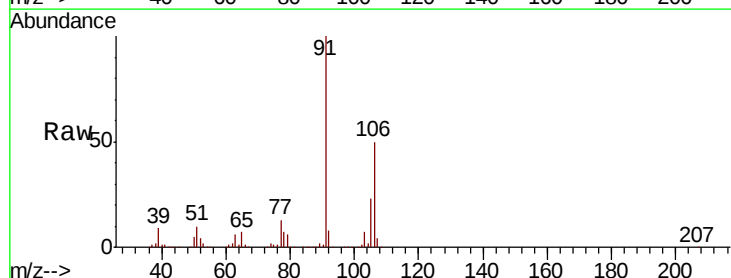
Instrument :
MSVOA_N
ClientSampled :
ICVVN062420

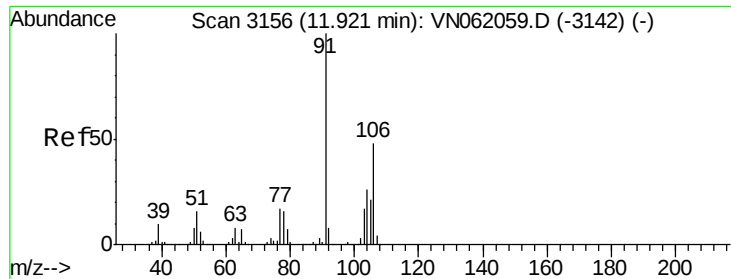
Tot Ion: 91 Resp: 867400
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 103.029 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 106 Resp: 662445
Ion Ratio Lower Upper
106 100
91 199.2 157.8 236.8

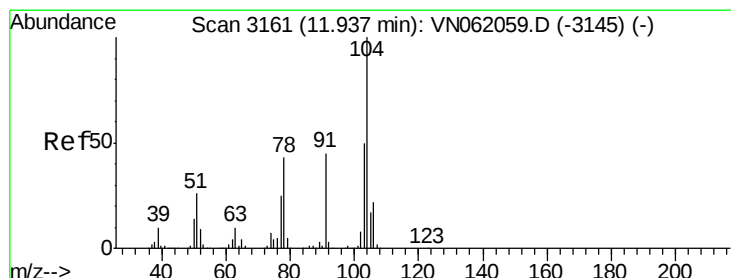
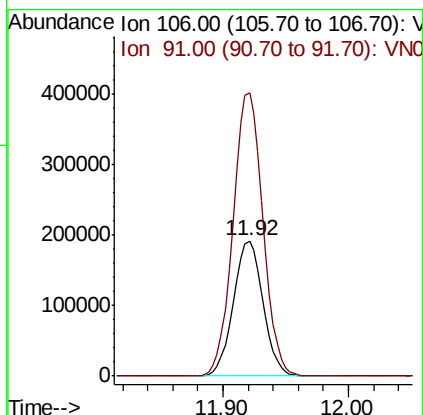
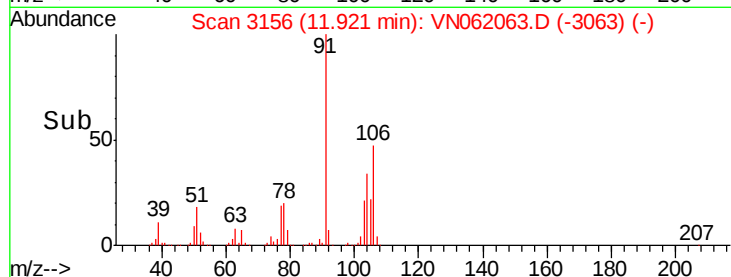
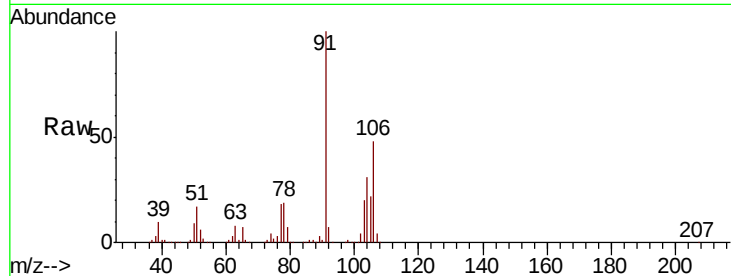




#69
o-Xylene
Concen: 52.045 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

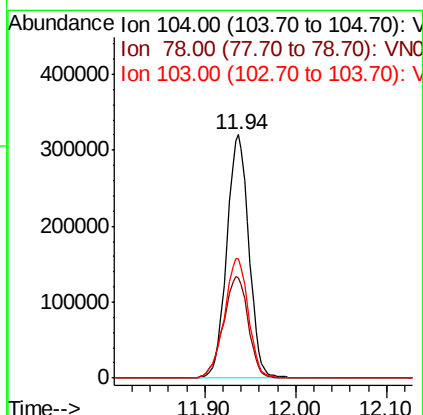
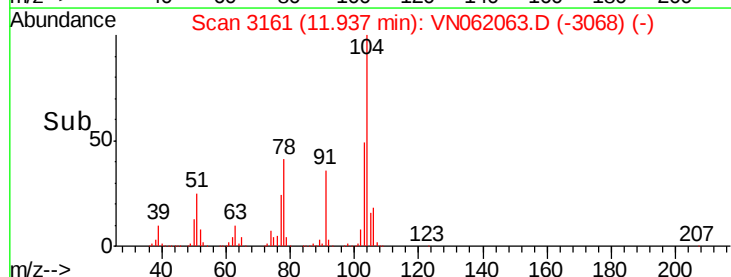
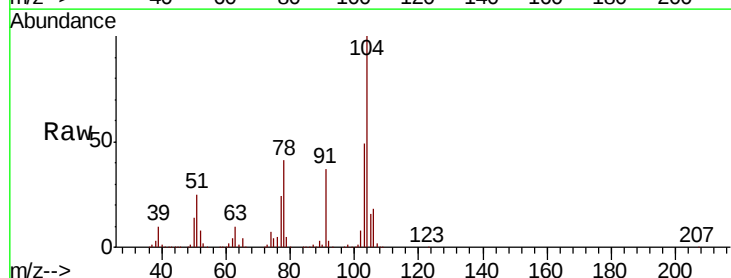
Instrument :
MSVOA_N
ClientSampled :
ICVVN062420

Tot Ion:106 Resp: 315733
Ion Ratio Lower Upper
106 100
91 211.0 104.0 311.9



#70
Styrene
Concen: 53.429 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion:104 Resp: 540557
Ion Ratio Lower Upper
104 100
78 47.1 37.7 56.5
103 53.5 43.0 64.6





#71

Bromoform

Concen: 49.487 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062420

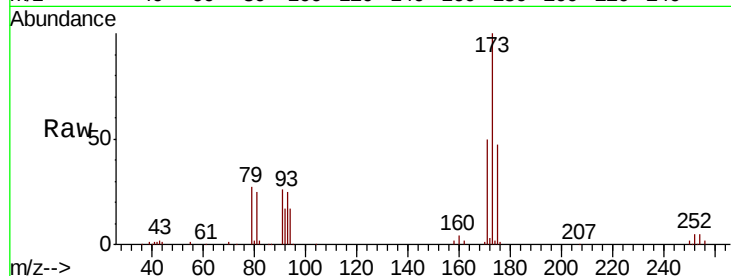
Tot Ion:173 Resp: 119755

Ion Ratio Lower Upper

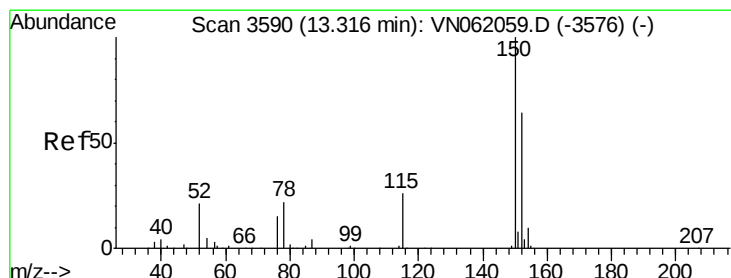
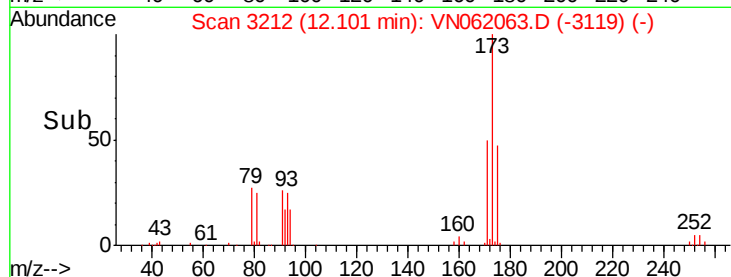
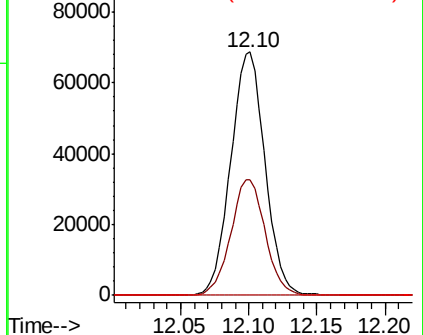
173 100

175 47.7 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: VN062063.D

Acq: 24 Jun 2020 14:45

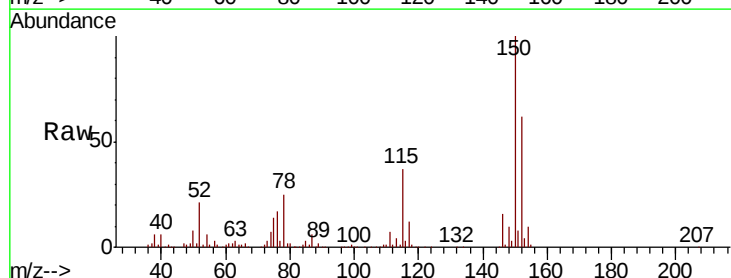
Tgt Ion:152 Resp: 217116

Ion Ratio Lower Upper

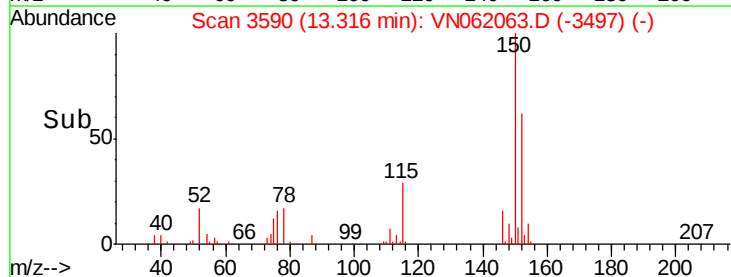
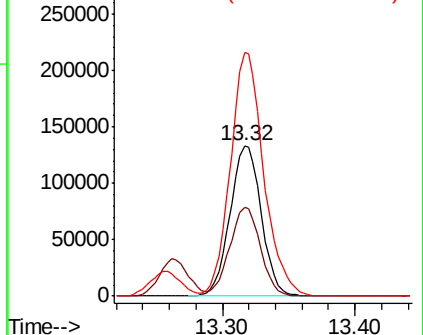
152 100

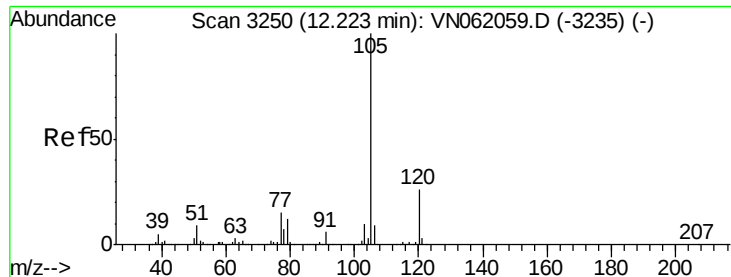
115 58.2 29.5 88.5

150 173.4 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: 50.136 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

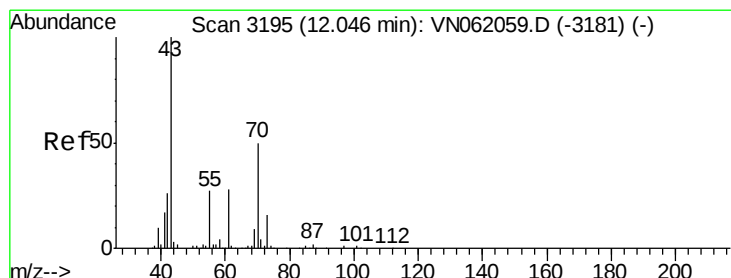
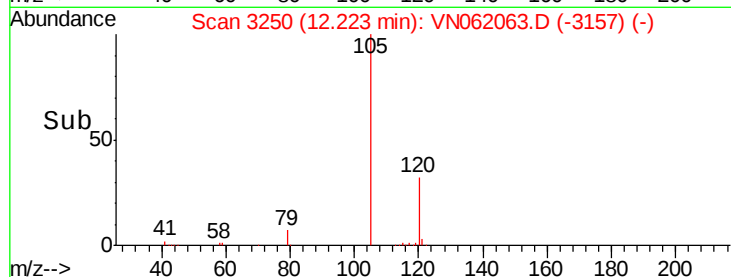
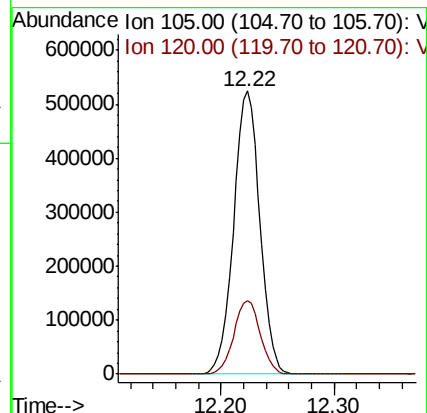
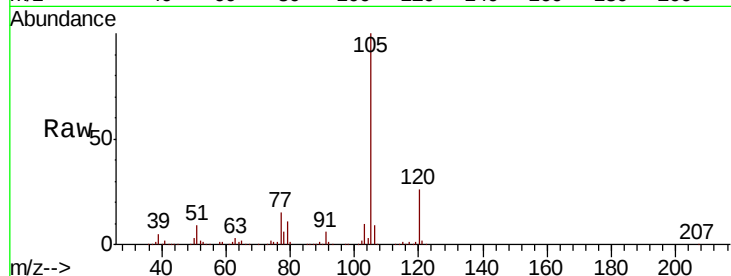
ICVVN062420

Tot Ion:105 Resp: 842618

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 45.386 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Tgt Ion: 43 Resp: 278745

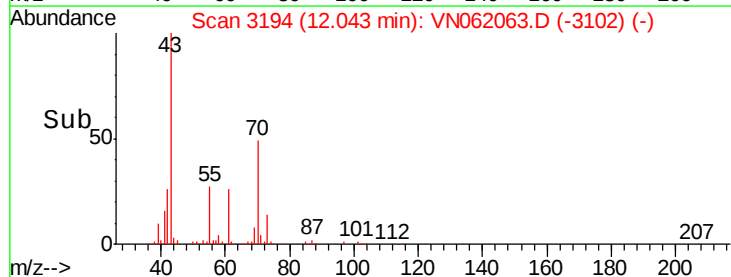
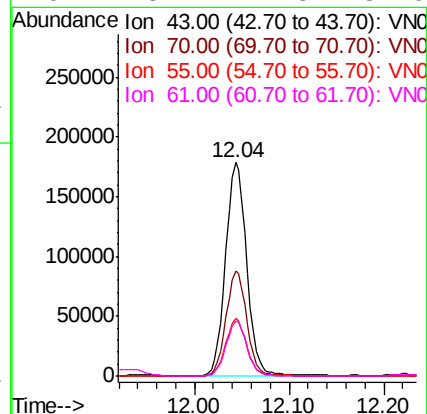
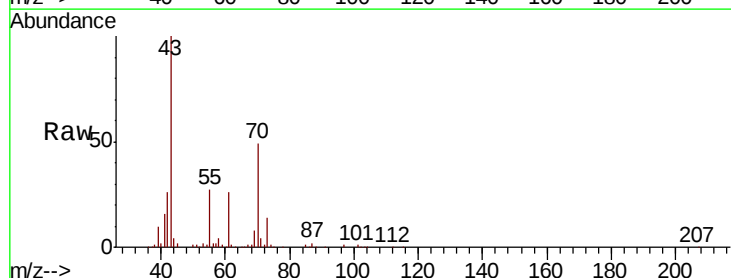
Ion Ratio Lower Upper

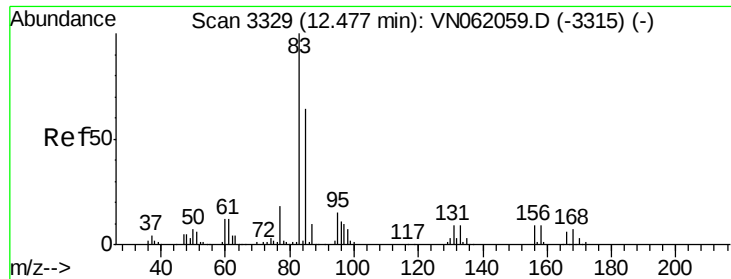
43 100

70 48.4 39.4 59.2

55 26.3 21.7 32.5

61 25.7 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 43.858 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062420

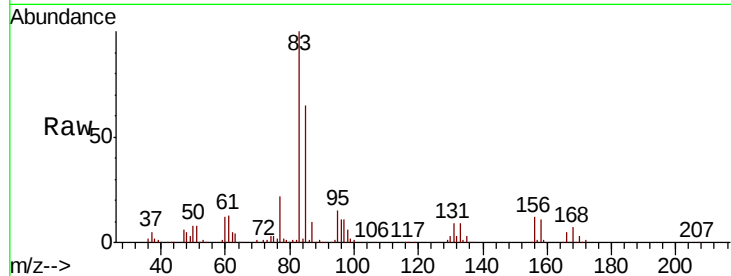
Tot Ion: 83 Resp: 245288

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.4

85 63.9 32.4 97.0



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

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

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

12.48

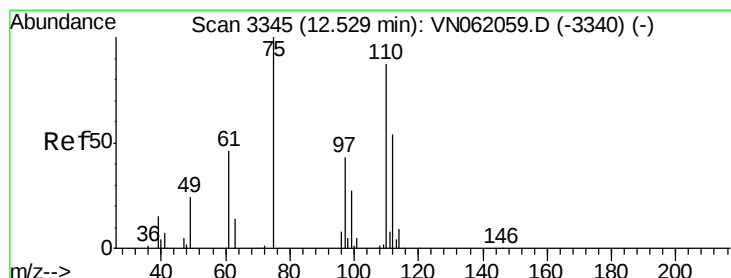
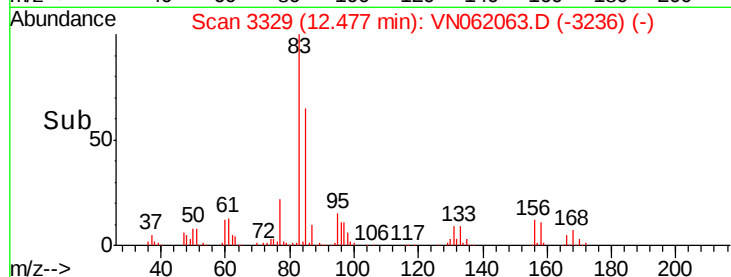
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 60.197 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062063.D

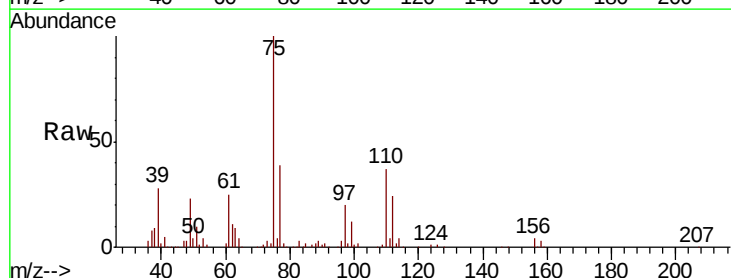
Acq: 24 Jun 2020 14:45

Tgt Ion: 75 Resp: 307673

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



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

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

12.53

200000

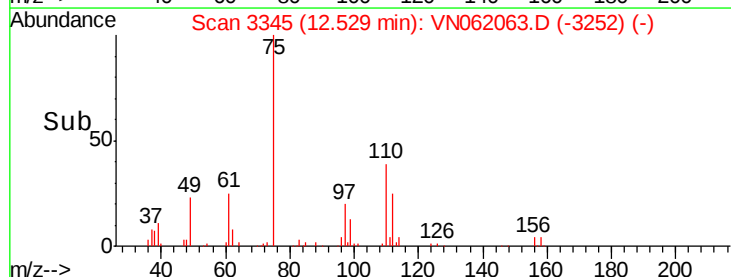
150000

100000

50000

0

Time-->

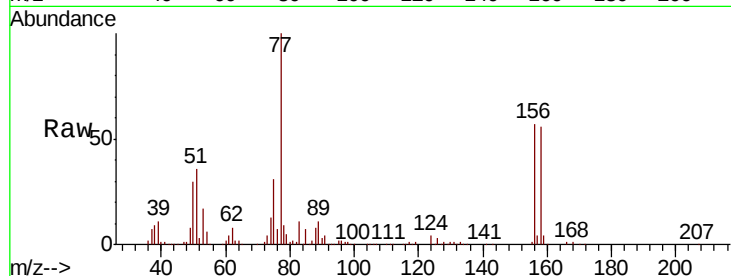




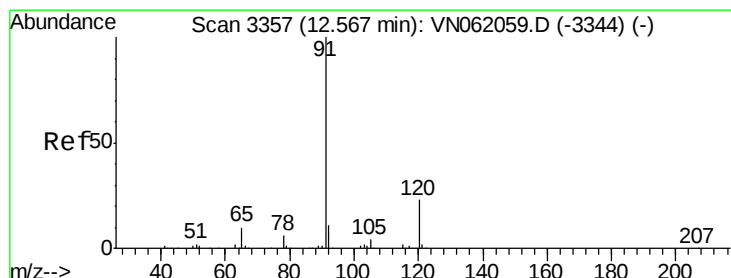
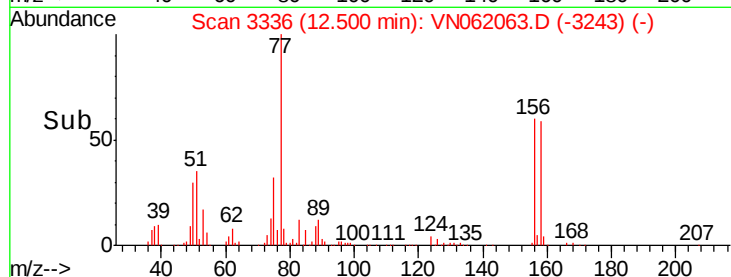
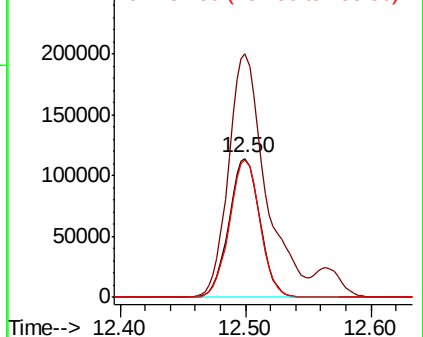
#77
Bromobenzene
Concen: 46.872 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampled :
ICVVN062420

Tot Ion:156 Resp: 195573
Ion Ratio Lower Upper
156 100
77 209.1 104.6 313.8
158 97.3 48.0 144.0

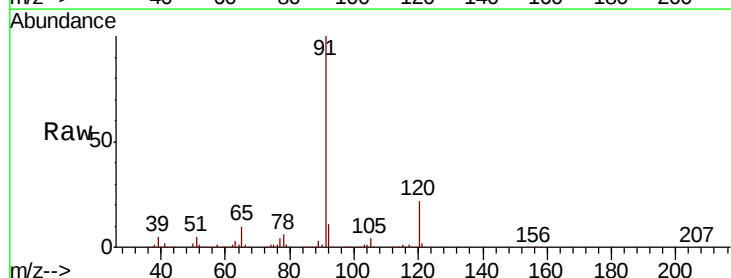


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

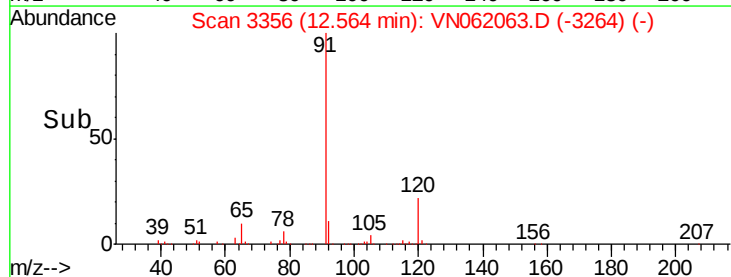
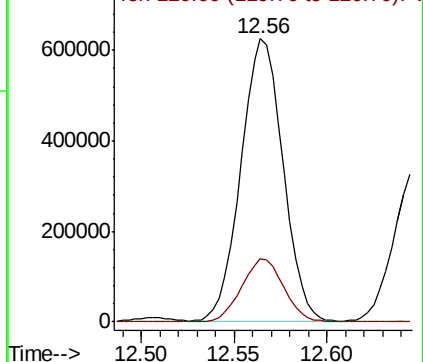


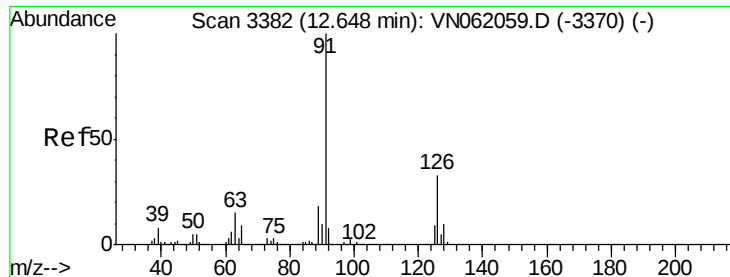
#78
n-propylbenzene
Concen: 51.188 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion: 91 Resp: 984056
Ion Ratio Lower Upper
91 100
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V

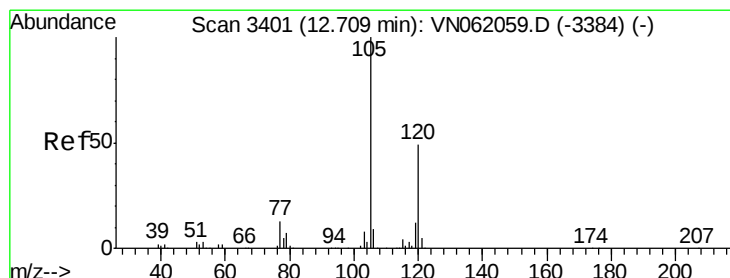
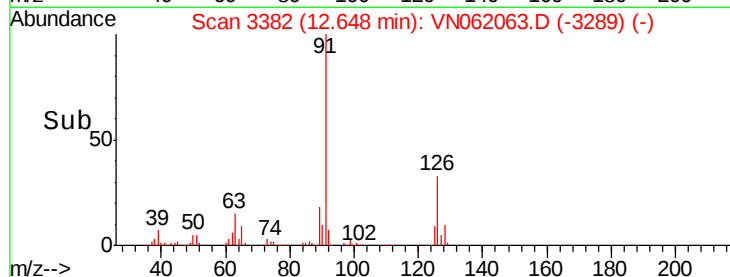
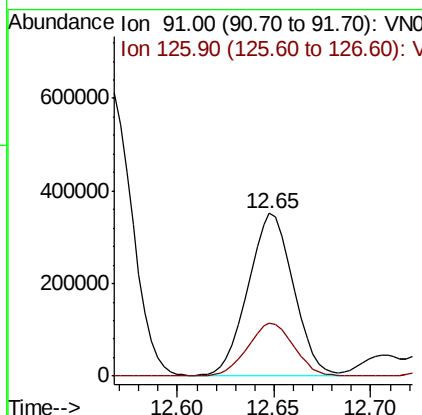
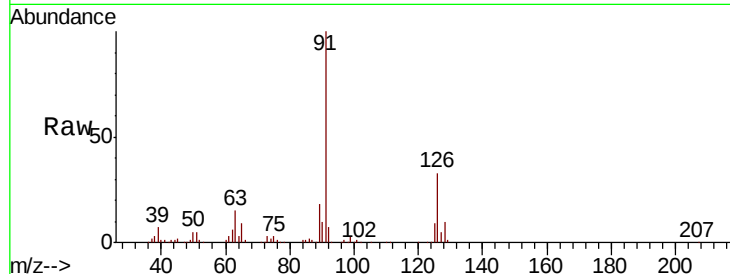




#79
 2-Chlorotoluene
 Concen: 49.067 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

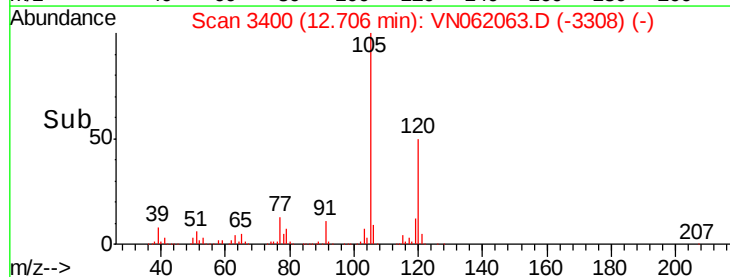
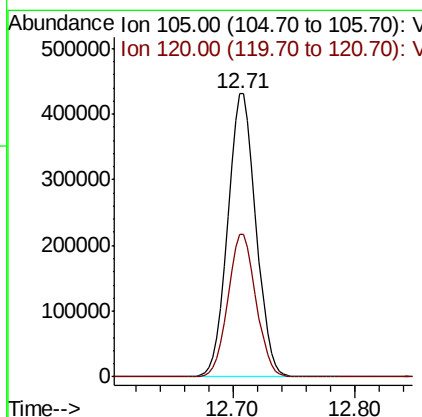
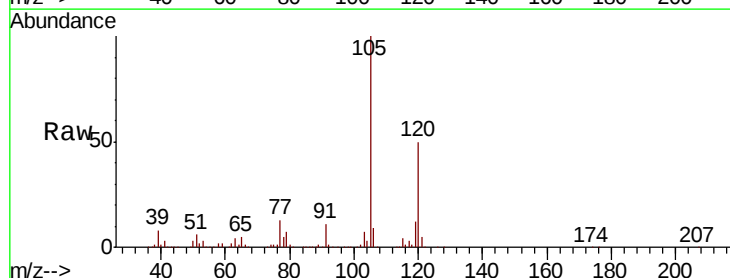
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062420

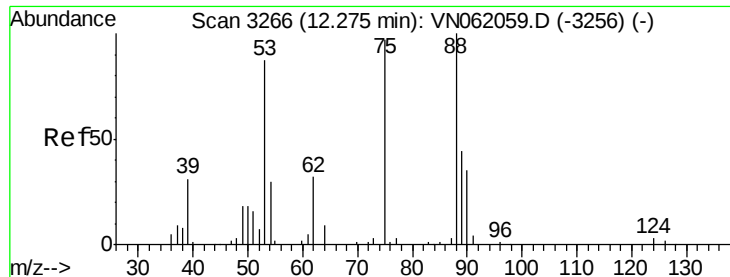
Tot Ion: 91 Resp: 570253
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 50.887 ug/l
 RT: 12.71 min Scan# 3400
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion: 105 Resp: 693292
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.701 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062420

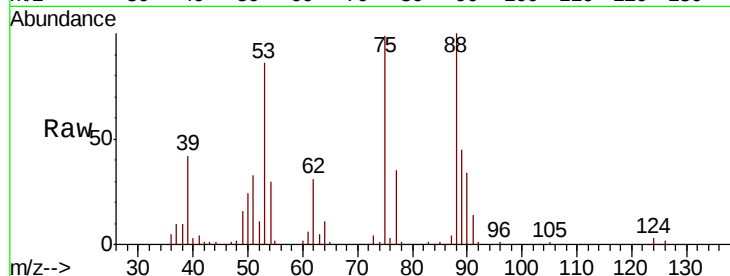
Tot Ion: 75 Resp: 83483

Ion Ratio Lower Upper

75 100

53 90.3 72.0 108.0

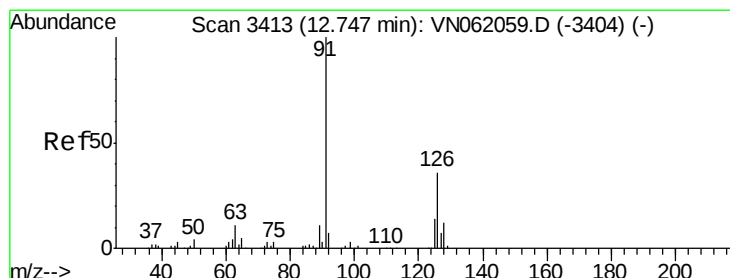
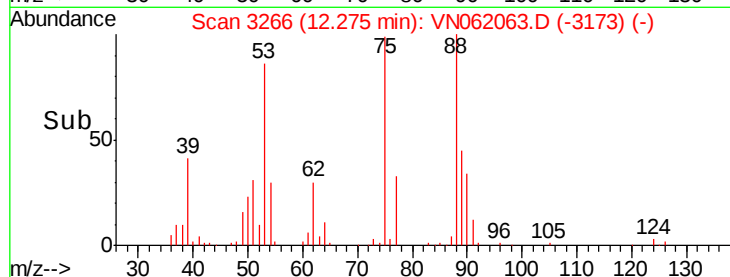
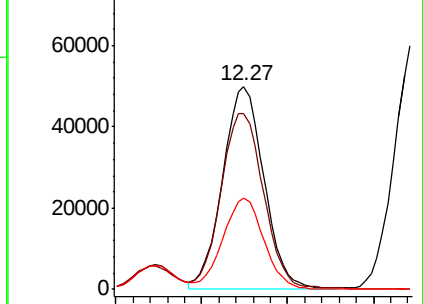
89 44.0 36.9 55.3



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: 49.294 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062063.D

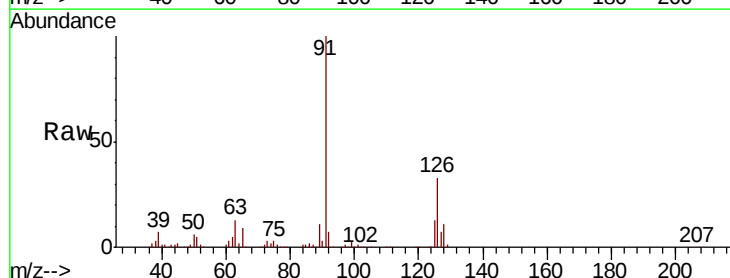
Acq: 24 Jun 2020 14:45

Tgt Ion: 91 Resp: 592425

Ion Ratio Lower Upper

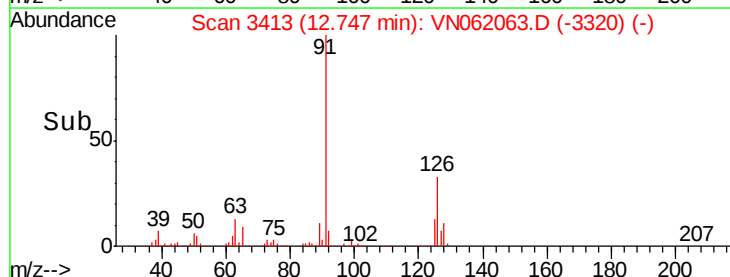
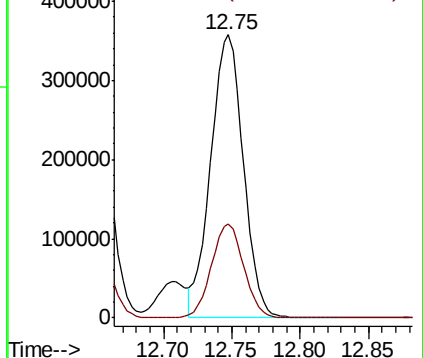
91 100

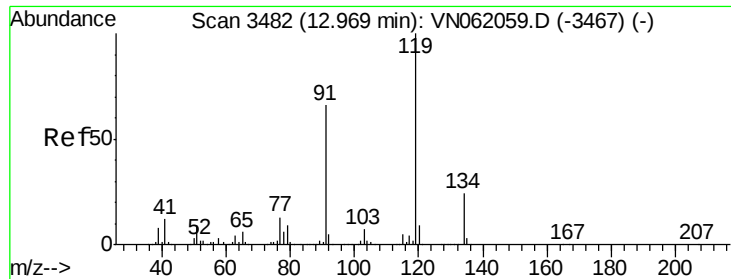
126 32.9 16.7 50.1



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

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

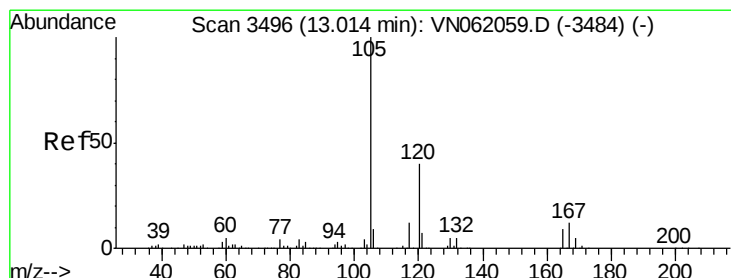
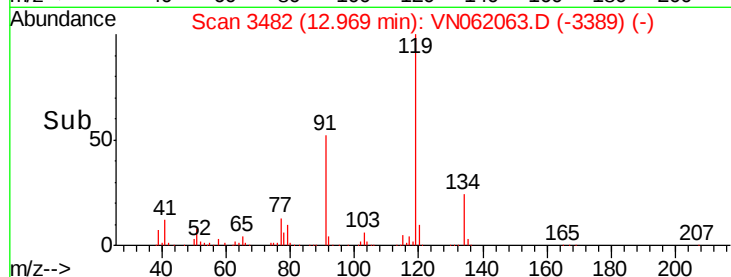
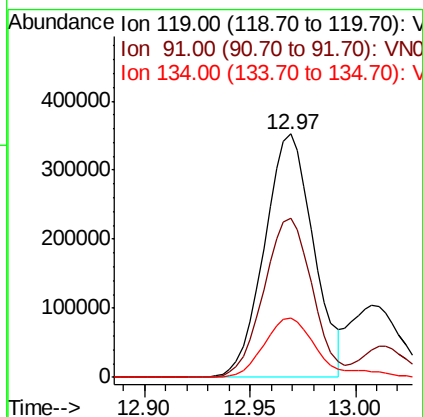
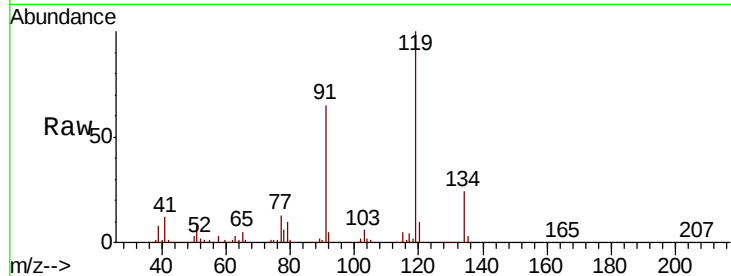




#83
tert-Butylbenzene
Concen: 48.943 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

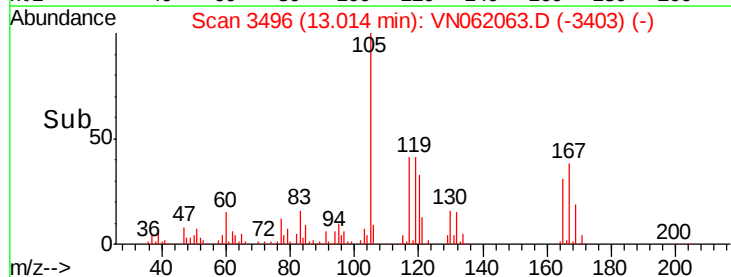
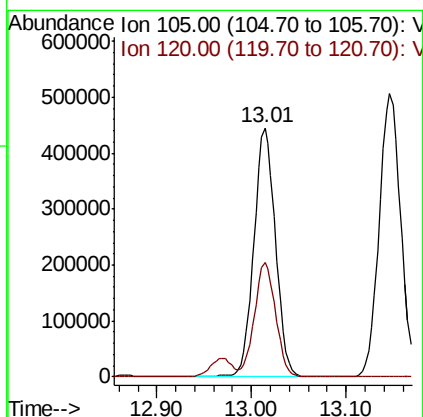
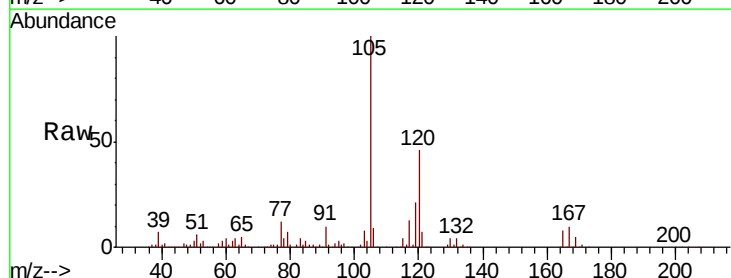
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

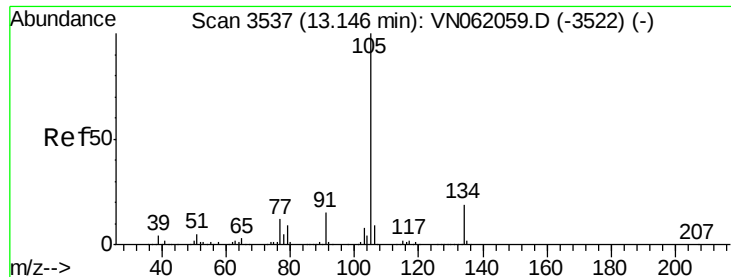
Tot Ion:119 Resp: 570667
Ion Ratio Lower Upper
119 100
91 64.7 31.7 95.1
134 26.8 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 51.899 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion:105 Resp: 706191
Ion Ratio Lower Upper
105 100
120 45.4 23.2 69.5





#85

sec-Butylbenzene

Concen: 51.749 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

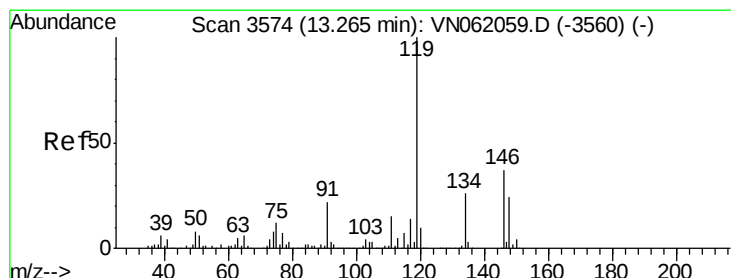
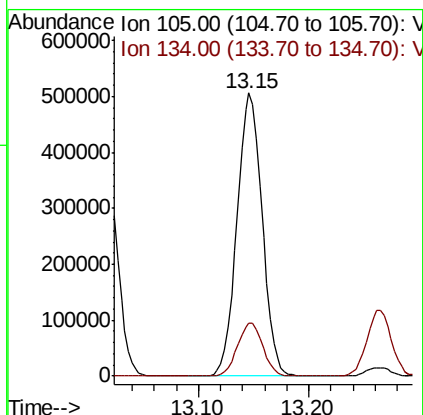
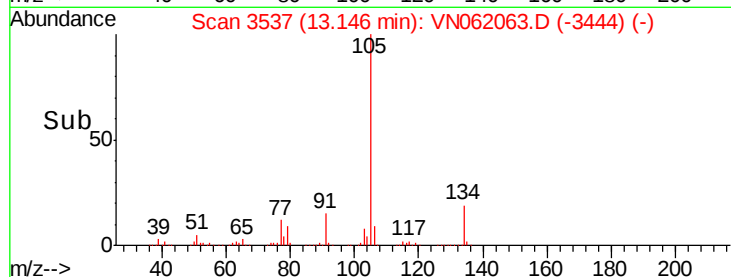
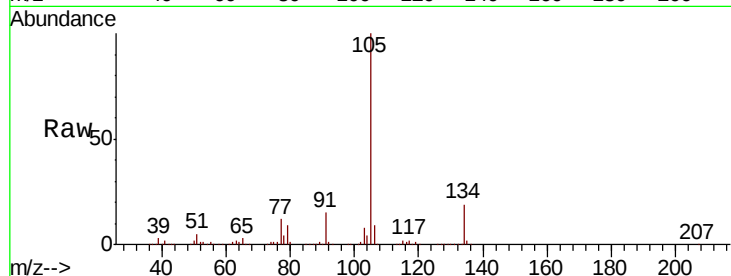
ICV062420

Tot Ion:105 Resp: 797286

Ion Ratio Lower Upper

105 100

134 18.9 9.7 29.1



#86

p-Isopropyltoluene

Concen: 53.269 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

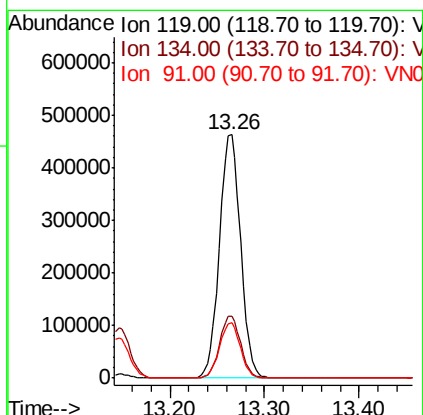
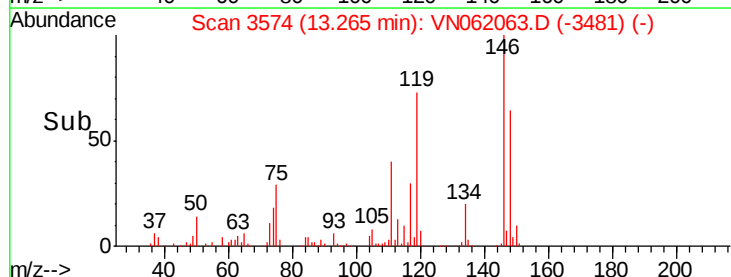
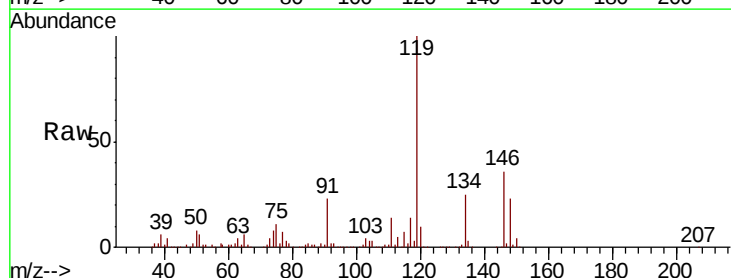
Tgt Ion:119 Resp: 719043

Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 22.4 11.3 33.8

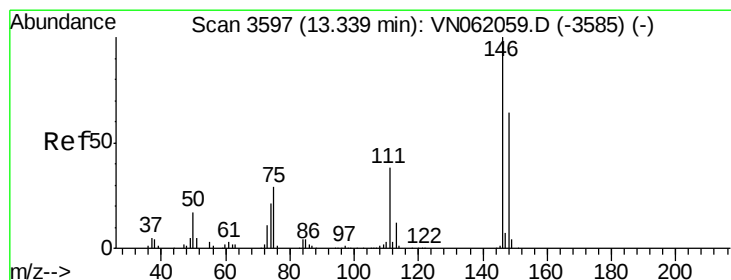
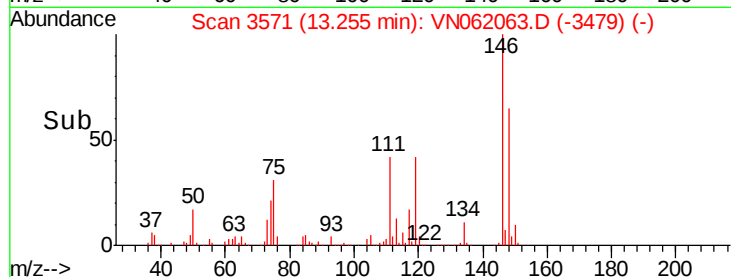
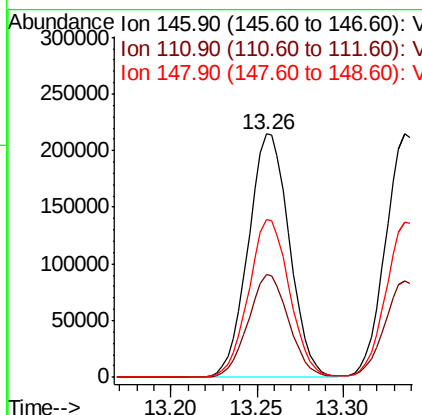
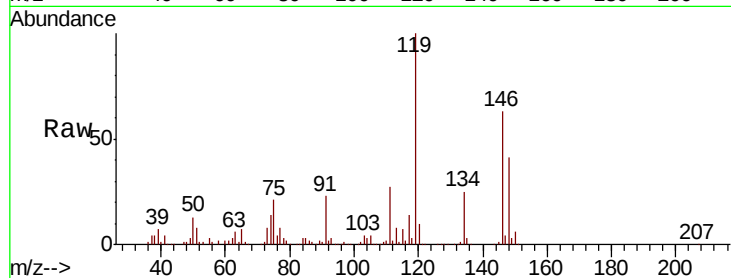




#87
 1,3-Dichlorobenzene
 Concen: 48.632 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

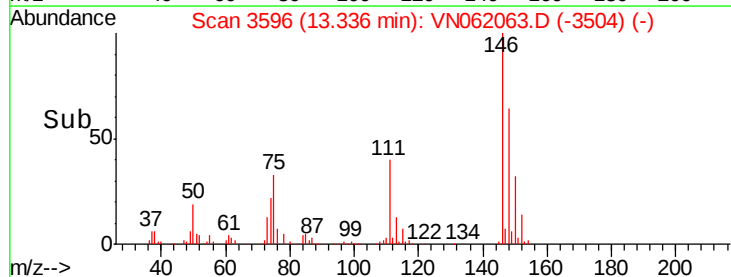
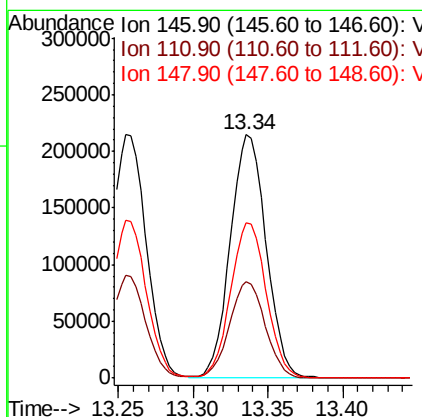
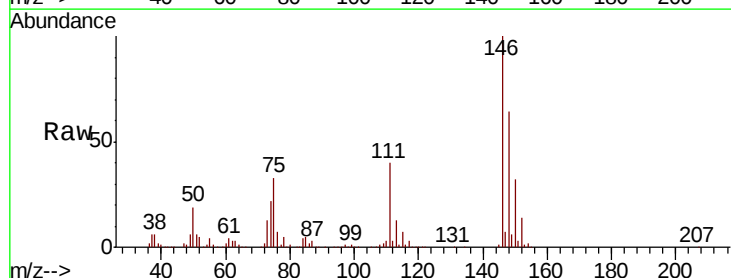
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062420

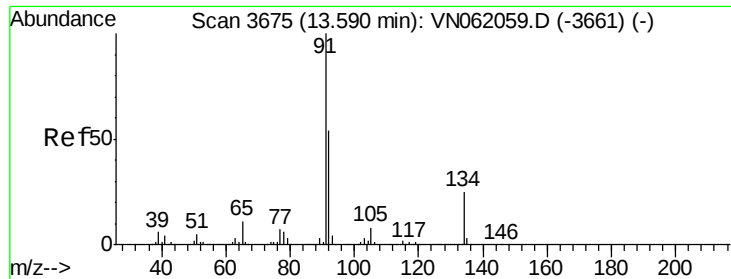
Tot Ion:146 Resp: 356320
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 61.0
 148 64.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.298 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion:146 Resp: 357228
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.9 59.6
 148 63.7 31.9 95.9





#89

n-Butylbenzene

Concen: 54.089 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

ICVVN062420

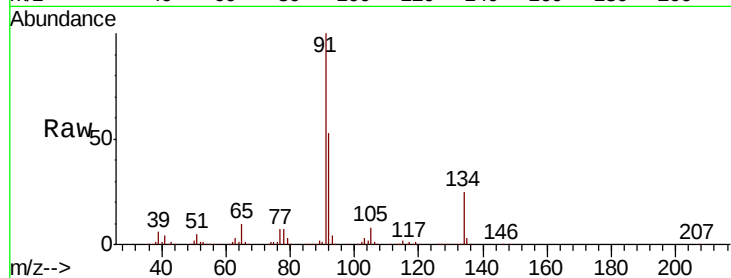
Tot Ion: 91 Resp: 606997

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

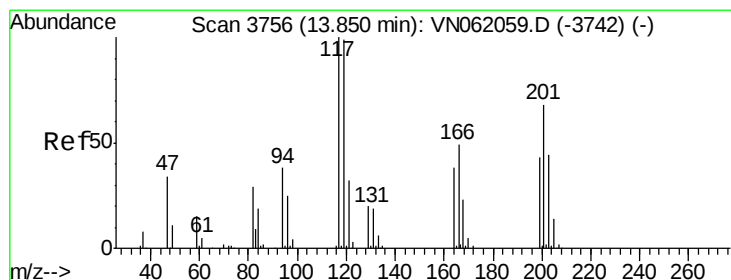
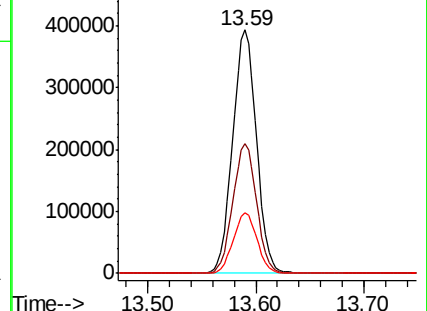
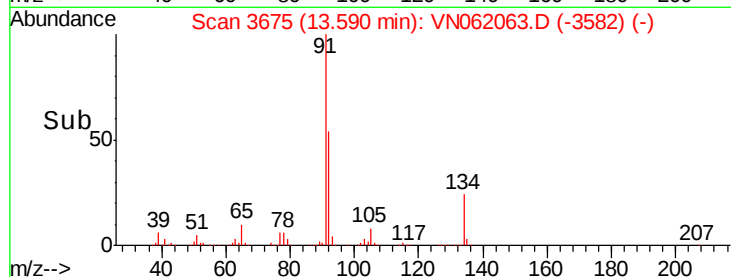
134 24.7 12.3 36.9



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

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

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



#90

Hexachloroethane

Concen: 48.052 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062063.D

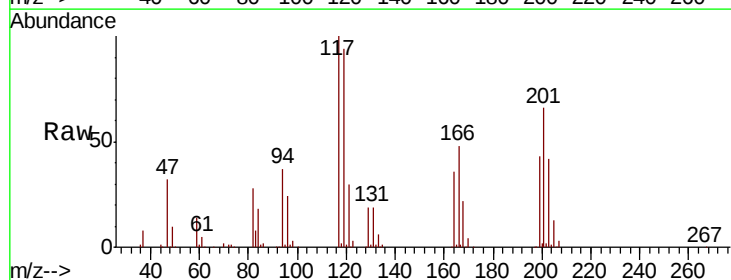
Acq: 24 Jun 2020 14:45

Tgt Ion: 117 Resp: 127257

Ion Ratio Lower Upper

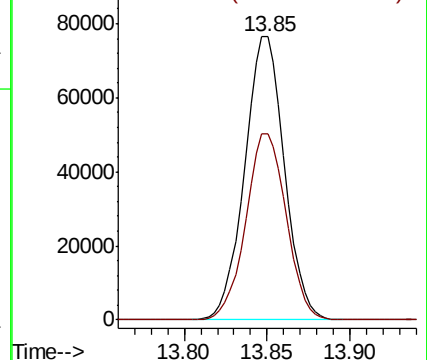
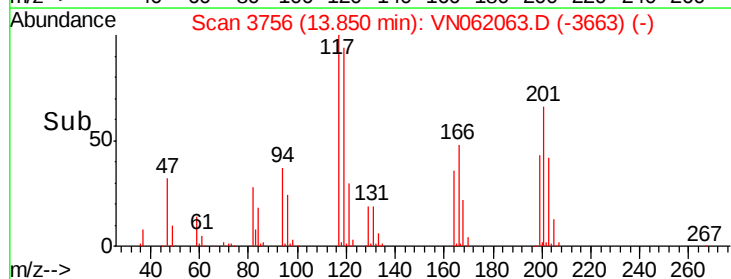
117 100

201 66.9 32.7 98.1



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

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





#91

1,2-Dichlorobenzene

Concen: 47.617 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

ICVVN062420

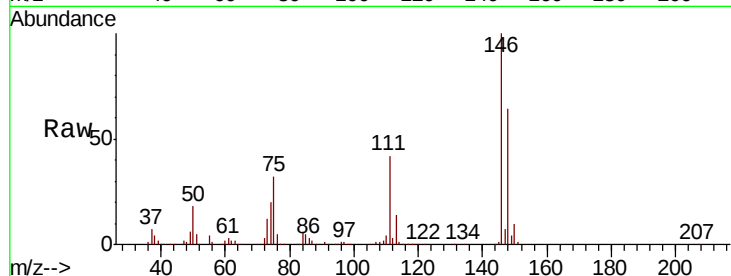
Tot Ion:146 Resp: 338317

Ion Ratio Lower Upper

146 100

111 42.1 21.2 63.6

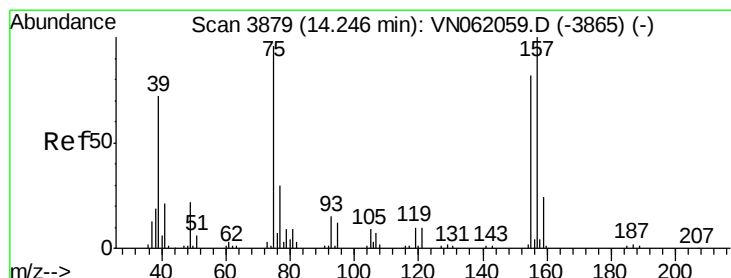
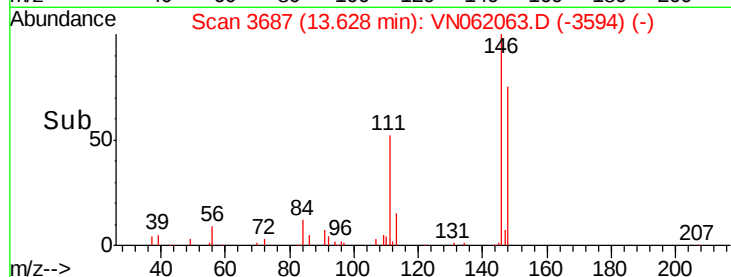
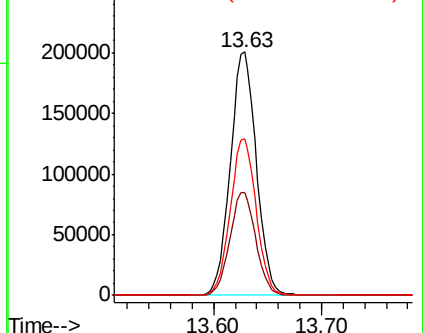
148 64.1 31.9 95.5



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: 45.164 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062063.D

Acq: 24 Jun 2020 14:45

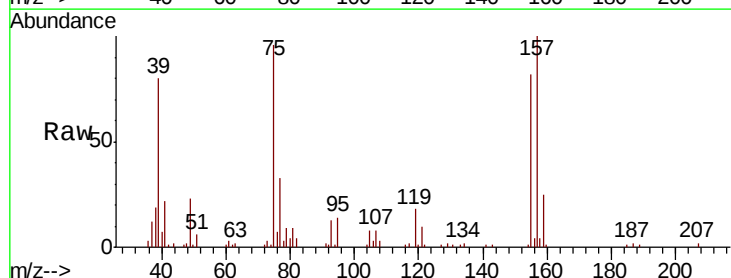
Tgt Ion: 75 Resp: 40464

Ion Ratio Lower Upper

75 100

155 81.9 40.8 122.4

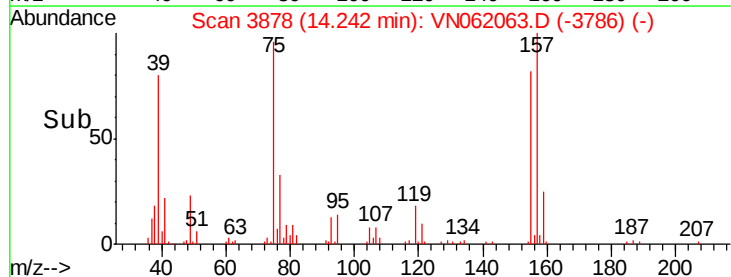
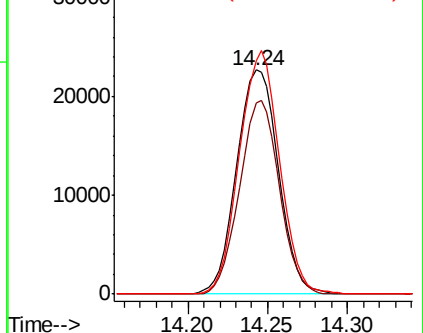
157 104.2 51.4 154.3

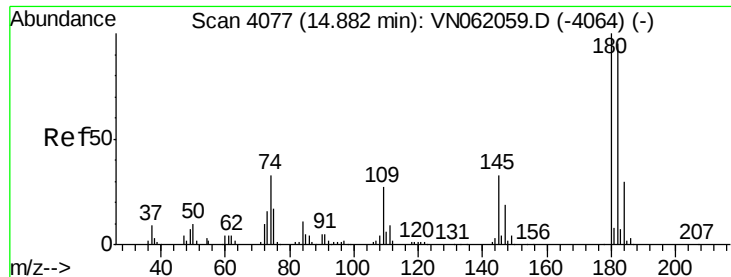


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

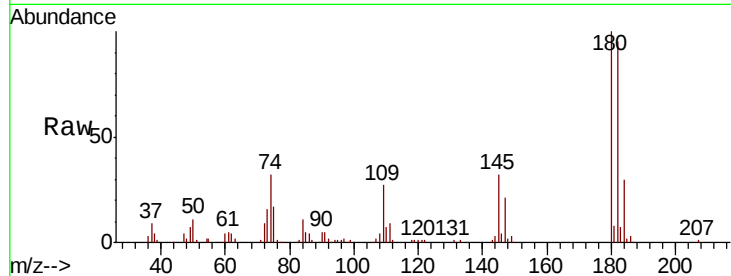




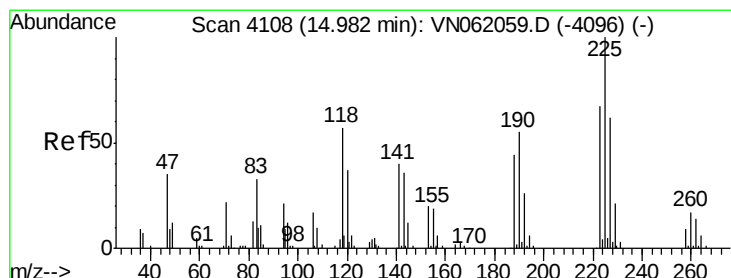
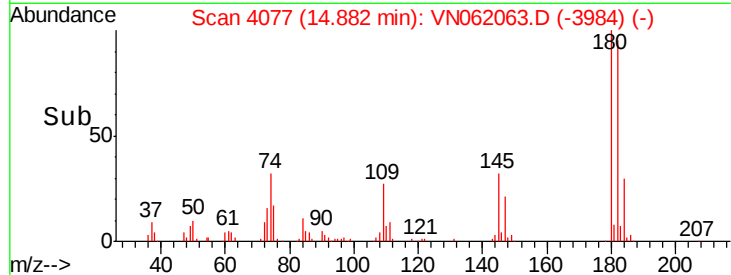
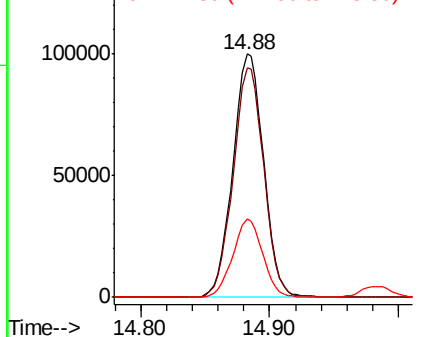
#93
 1,2,4-Trichlorobenzene
 Concen: 53.233 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN062420

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.0	144.2
145	31.3	16.0	48.0

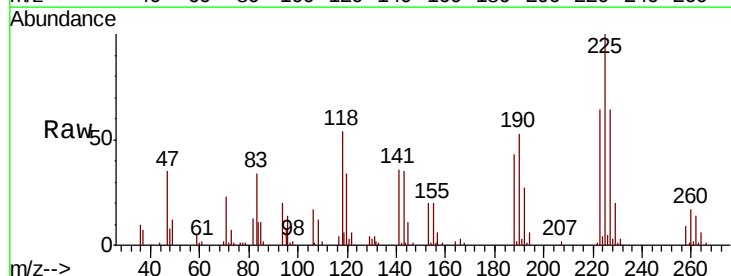


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

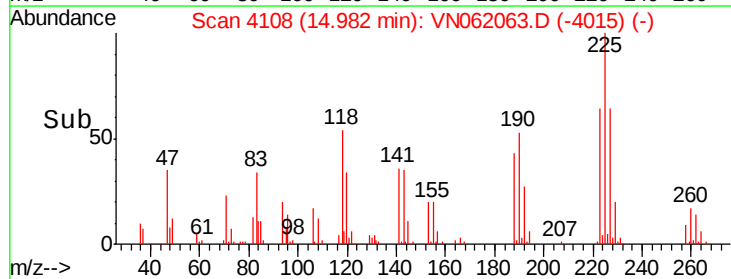
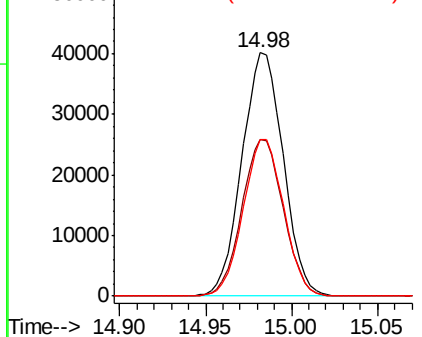


#94
 Hexachlorobutadiene
 Concen: 49.678 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062063.D
 Acq: 24 Jun 2020 14:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	32.9	98.7
227	62.9	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

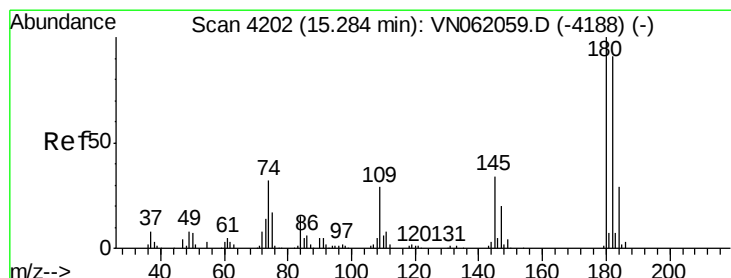
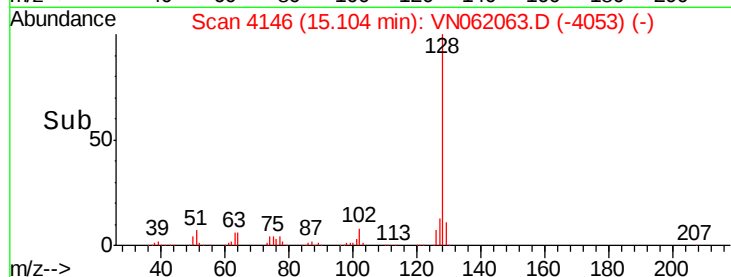
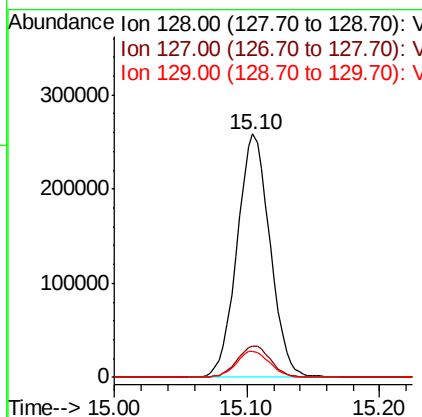
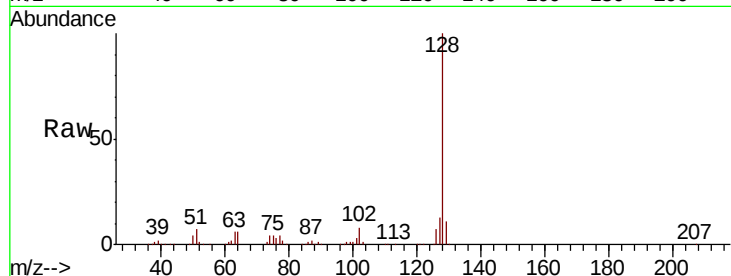




#95
Naphthalene
Concen: 43.729 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062420

Tot Ion:128 Resp: 446905
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.633 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062063.D
Acq: 24 Jun 2020 14:45

Tgt Ion:180 Resp: 160694
Ion Ratio Lower Upper
180 100
182 94.6 46.8 140.4
145 33.0 16.4 49.2

