

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062359.D
 Acq On : 3 Jul 2020 1:45
 Operator : JC/MD
 Sample : L3127-08MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

Quant Time: Jul 03 04:33:36 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	7.63	168	149464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	280041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127804	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	118524	56.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.02%	
35) Dibromofluoromethane	7.55	113	90218	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.06	98	358218	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.38	95	126225	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	74026	43.817	ug/l	100
3) Chloromethane	2.03	50	108453	54.652	ug/l	98
4) Vinyl Chloride	2.16	62	121474	45.658	ug/l	99
5) Bromomethane	2.52	94	76423	44.445	ug/l	96
6) Chloroethane	2.66	64	80344	44.207	ug/l	98
7) Trichlorofluoromethane	2.98	101	142673	43.521	ug/l	100
8) Diethyl Ether	3.37	74	65416	57.145	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	83863	48.850	ug/l	96
10) Methyl Iodide	3.91	142	105131	54.376	ug/l	98
11) Tert butyl alcohol	4.74	59	95563	317.325	ug/l	99
12) 1,1-Dichloroethene	3.69	96	85221	49.657	ug/l	95
13) Acrolein	3.57	56	63572	215.611	ug/l	100
14) Allyl chloride	4.27	41	138075	59.092	ug/l	98
15) Acrylonitrile	4.93	53	262890	320.343	ug/l	99
16) Acetone	3.78	43	212477	323.930	ug/l	97
17) Carbon Disulfide	4.00	76	237545	48.325	ug/l	100
18) Methyl Acetate	4.28	43	102798	61.653	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	328473	59.897	ug/l	95
20) Methylene Chloride	4.50	84	109875	57.095	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	100269	51.286	ug/l	88
22) Diisopropyl ether	5.90	45	333698	62.723	ug/l	98
23) Vinyl Acetate	5.84	43	1273877	293.274	ug/l	97
24) 1,1-Dichloroethane	5.80	63	195511	57.068	ug/l	99
25) 2-Butanone	6.79	43	337632	329.326	ug/l	96
26) 2,2-Dichloropropane	6.77	77	128313	44.946	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	120465	54.757	ug/l	97
28) Bromochloromethane	7.15	49	81697	54.962	ug/l	87
29) Tetrahydrofuran	7.17	42	219324	326.584	ug/l	97
30) Chloroform	7.33	83	195394	56.057	ug/l	98
31) Cyclohexane	7.61	56	153287	52.896	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	158393	53.885	ug/l	97
36) 1,1-Dichloropropene	7.75	75	144383	51.294	ug/l	97
37) Ethyl Acetate	6.88	43	131689	56.499	ug/l	99
38) Carbon Tetrachloride	7.73	117	128392	48.381	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)
39) Methylcyclohexane	9.05	83	149616	48.511	ug/l	98
40) Benzene	8.00	78	439084	51.178	ug/l	99
41) Methacrylonitrile	7.16	41	202710	187.593	ug/l #	14
42) 1,2-Dichloroethane	8.08	62	157653	54.388	ug/l	99
43) Isopropyl Acetate	8.13	43	215075	56.604	ug/l	99
44) Trichloroethene	8.80	130	103241	47.704	ug/l	97
45) 1,2-Dichloropropane	9.08	63	117273	55.406	ug/l	99
46) Dibromomethane	9.17	93	73980	51.552	ug/l	96
47) Bromodichloromethane	9.37	83	156407	53.978	ug/l	99
48) Methyl methacrylate	9.17	41	109466	64.254	ug/l	92
49) 1,4-Dioxane	9.17	88	45474	1203.635	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	705921	317.987	ug/l	97
52) Toluene	10.12	92	275383	52.606	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	169904	53.297	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	176971	52.143	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	112339	54.593	ug/l	97
56) Ethyl methacrylate	10.40	69	165290	60.190	ug/l	95
57) 1,3-Dichloropropane	10.68	76	194164	54.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	894	16.818	ug/l #	46
59) 2-Hexanone	10.72	43	528882	329.926	ug/l	97
60) Dibromochloromethane	10.87	129	115394	52.968	ug/l	97
61) 1,2-Dibromoethane	10.98	107	109254	51.672	ug/l	99
64) Tetrachloroethene	10.60	164	75344	41.537	ug/l	96
65) Chlorobenzene	11.41	112	287334	49.274	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	102392	50.779	ug/l	99
67) Ethyl Benzene	11.48	91	519979	52.799	ug/l	98
68) m/p-Xylenes	11.60	106	393988	103.431	ug/l	97
69) o-Xylene	11.92	106	189145	52.628	ug/l	96
70) Styrene	11.94	104	325911	54.374	ug/l	99
71) Bromoform	12.10	173	74806	52.178	ug/l #	97
73) Isopropylbenzene	12.22	105	505143	51.060	ug/l	99
74) N-amyl acetate	12.05	43	189803	51.977	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	173063	52.568	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	215548	71.644	ug/l #	100
77) Bromobenzene	12.50	156	116544	47.450	ug/l	90
78) n-propylbenzene	12.57	91	592184	52.331	ug/l	98
79) 2-Chlorotoluene	12.65	91	352404	51.512	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	424151	52.888	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	54992	53.379	ug/l	98
82) 4-Chlorotoluene	12.75	91	368019	52.021	ug/l	98
83) tert-Butylbenzene	12.97	119	343004	49.976	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	424941	53.053	ug/l	99
85) sec-Butylbenzene	13.15	105	477061	52.603	ug/l	98
86) p-Isopropyltoluene	13.26	119	420389	52.908	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	215605	49.990	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	213747	48.078	ug/l	100
89) n-Butylbenzene	13.59	91	352703	53.392	ug/l	100
90) Hexachloroethane	13.85	117	81515	52.289	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	209984	50.208	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30670	58.155	ug/l	91

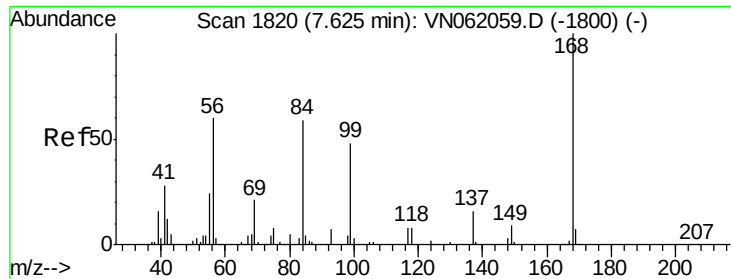
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	91619	50.146	ug/l	99
94) Hexachlorobutadiene	14.99	225	37720	47.534	ug/l	98
95) Naphthalene	15.10	128	285189	47.070	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	93909	50.268	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

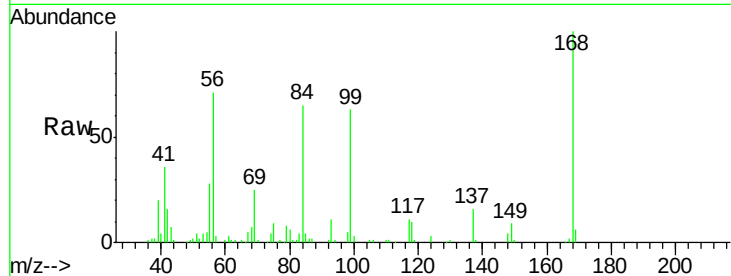
33BR-20200625MSD

Tot Ion:168 Resp: 149464

Ion Ratio Lower Upper

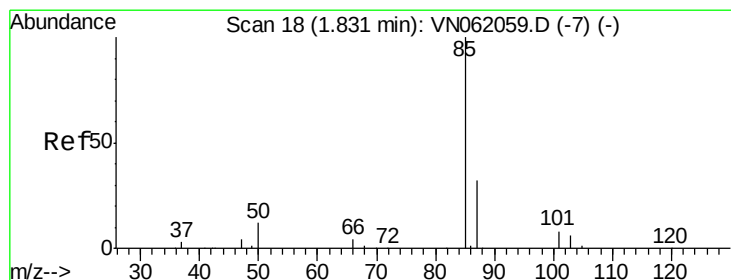
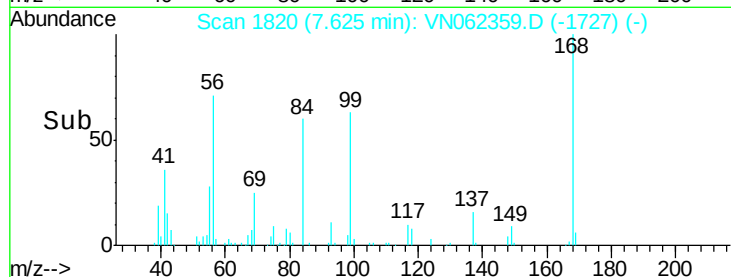
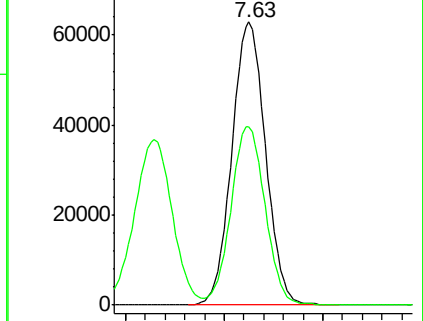
168 100

99 63.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 43.817 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062359.D

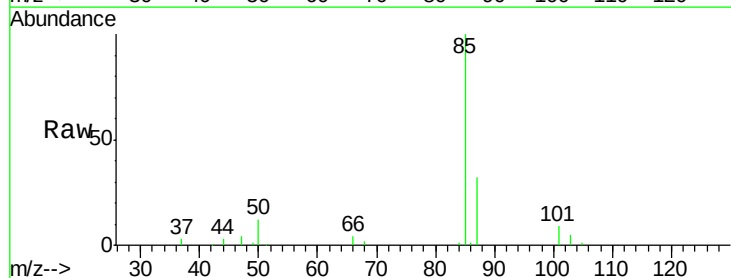
Acq: 3 Jul 2020 1:45

Tgt Ion: 85 Resp: 74026

Ion Ratio Lower Upper

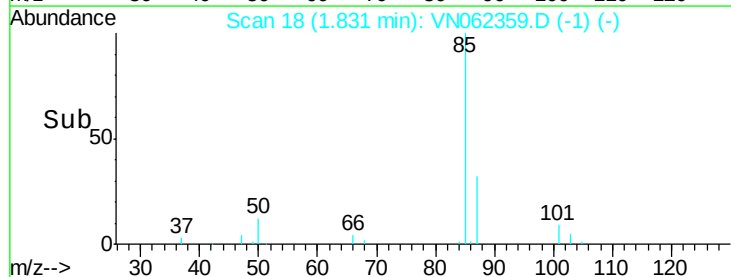
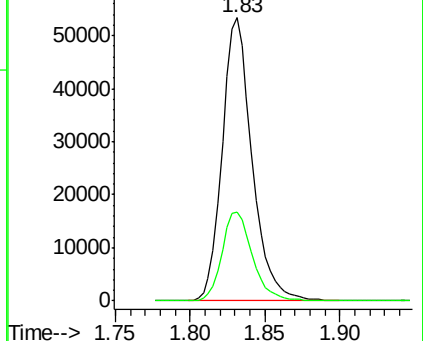
85 100

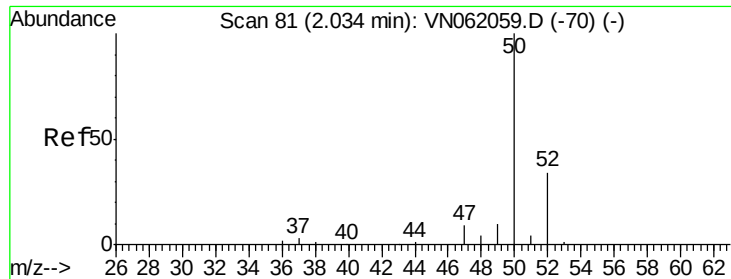
87 31.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 54.652 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

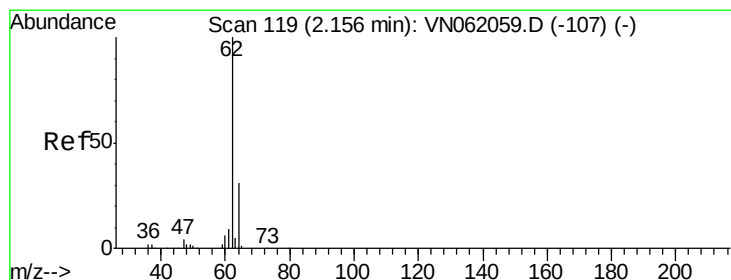
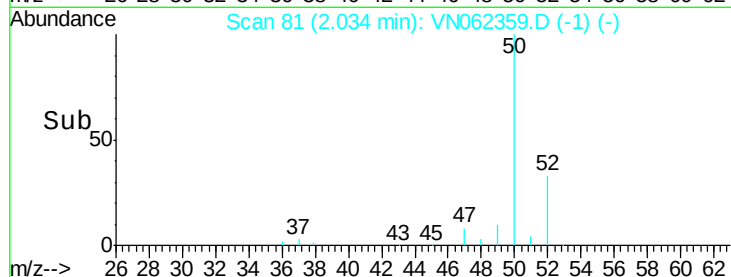
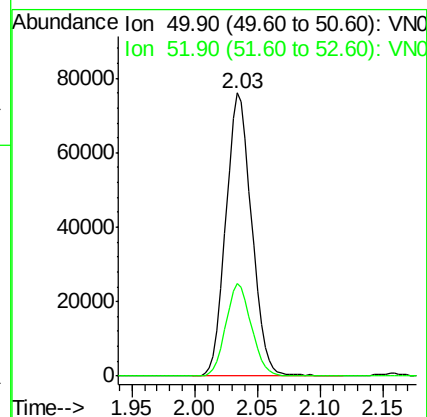
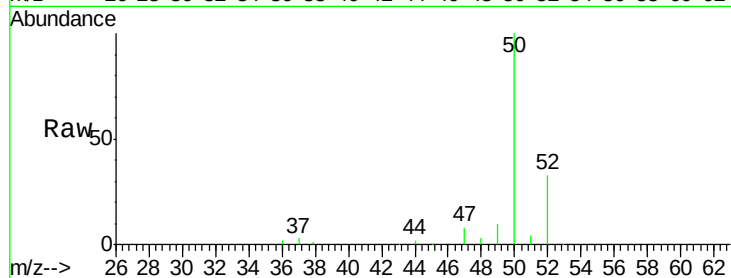
33BR-20200625MSD

Tot Ion: 50 Resp: 108453

Ion Ratio Lower Upper

50 100

52 32.8 27.0 40.6



#4

Vinyl Chloride

Concen: 45.658 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062359.D

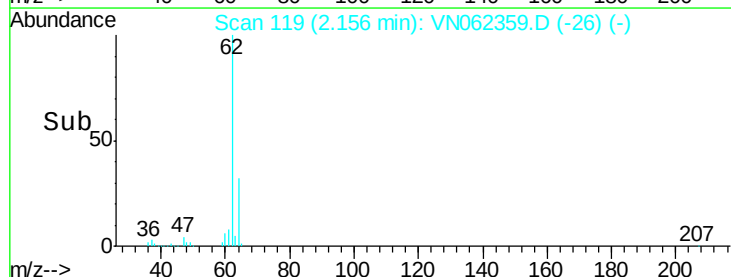
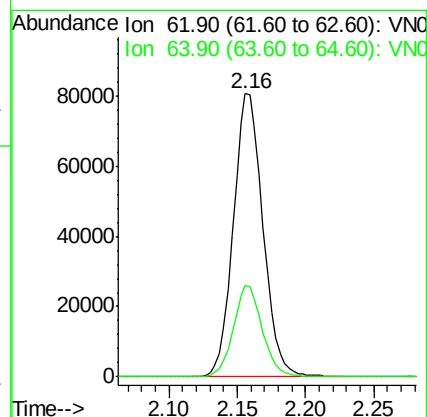
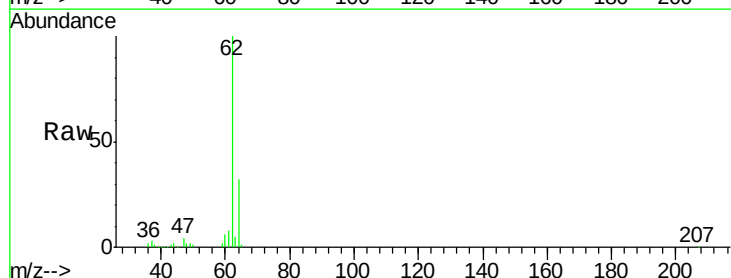
Acq: 3 Jul 2020 1:45

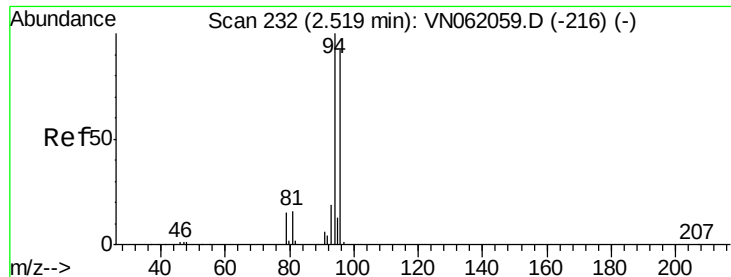
Tgt Ion: 62 Resp: 121474

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 44.445 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

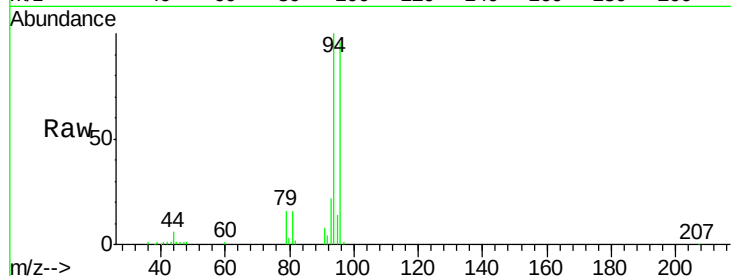
33BR-20200625MSD

Tot Ion: 94 Resp: 76423

Ion Ratio Lower Upper

94 100

96 95.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

40000

30000

20000

10000

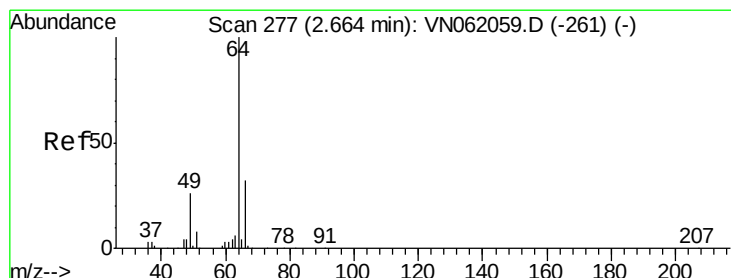
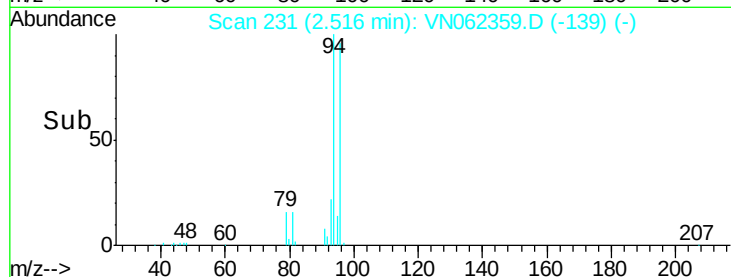
0

Time-->

2.40

2.50

2.60



#6

Chloroethane

Concen: 44.207 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062359.D

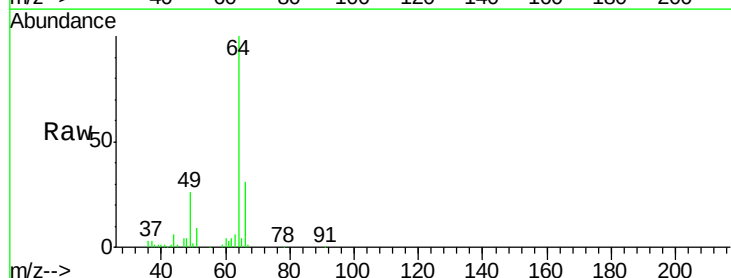
Acq: 3 Jul 2020 1:45

Tgt Ion: 64 Resp: 80344

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.66

40000

30000

20000

10000

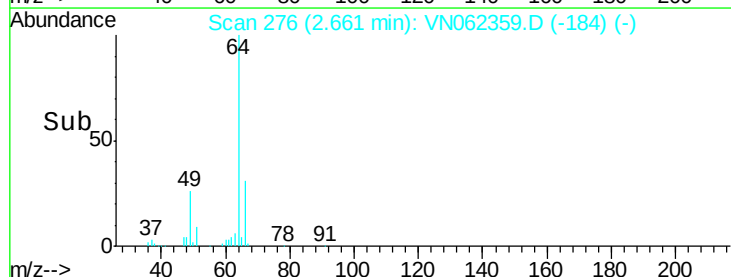
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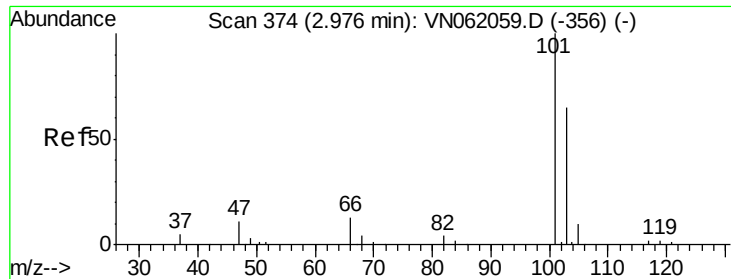
Time-->

2.60

2.70

2.80



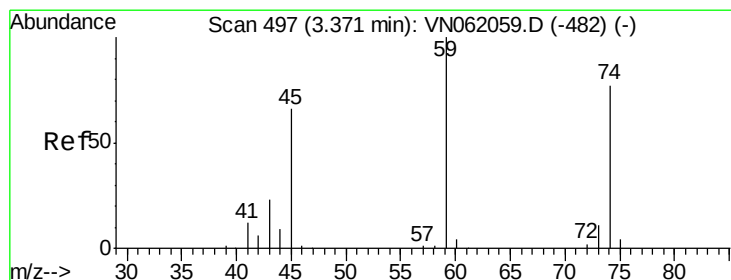
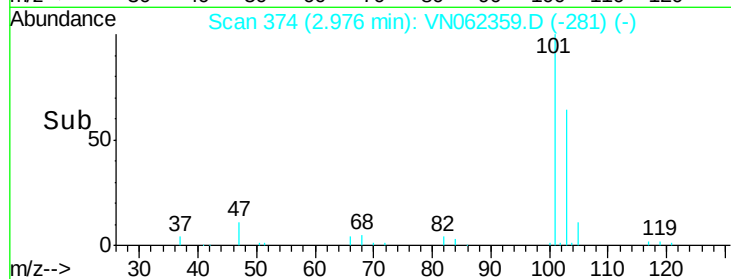
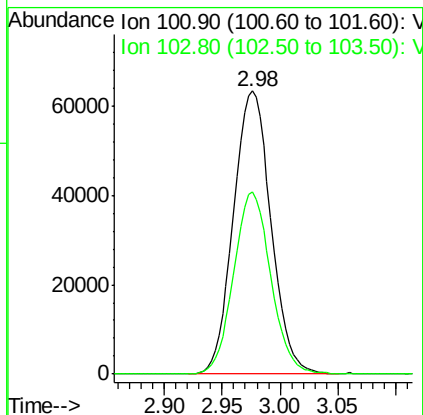
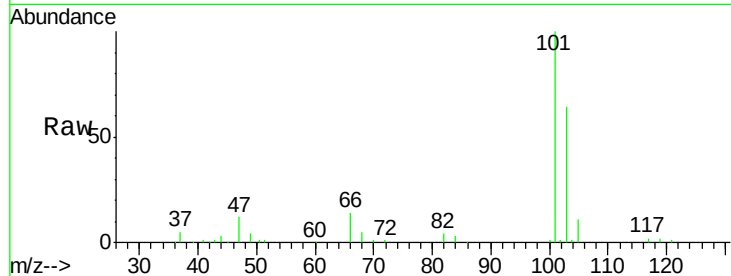


#7

Trichlorofluoromethane
 Concen: 43.521 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062359.D
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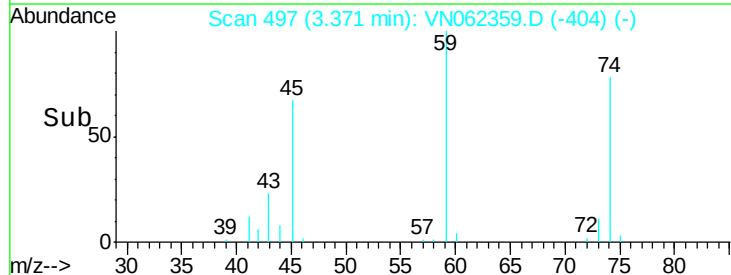
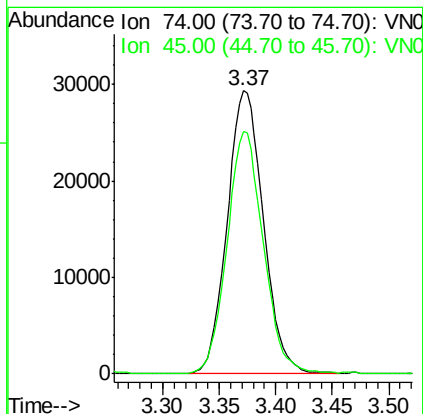
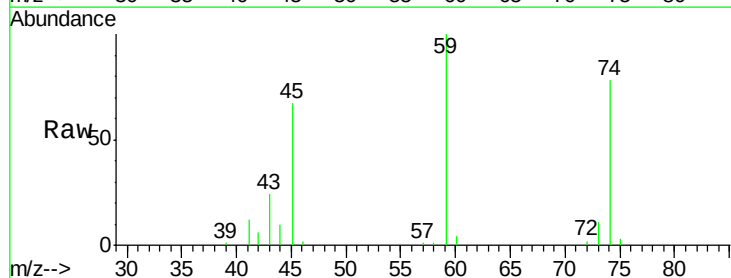
Tot Ion:101 Resp: 142673
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.6

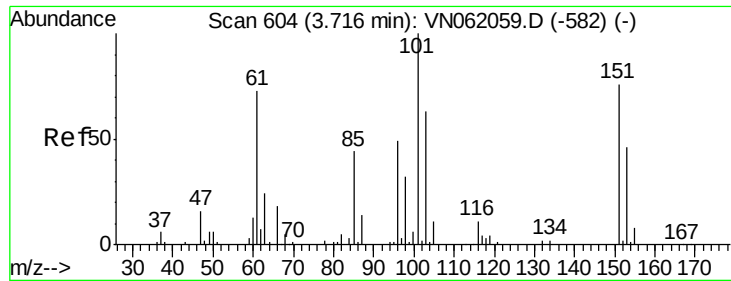


#8

Diethyl Ether
 Concen: 57.145 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion: 74 Resp: 65416
 Ion Ratio Lower Upper
 74 100
 45 85.9 42.5 127.5

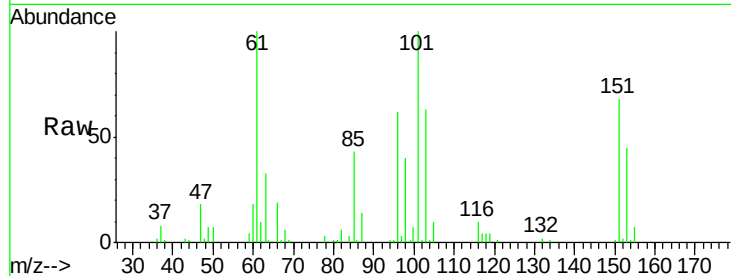




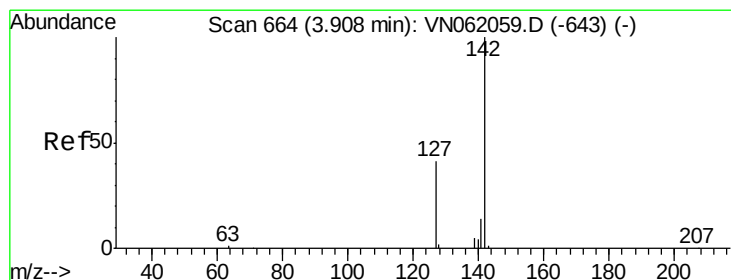
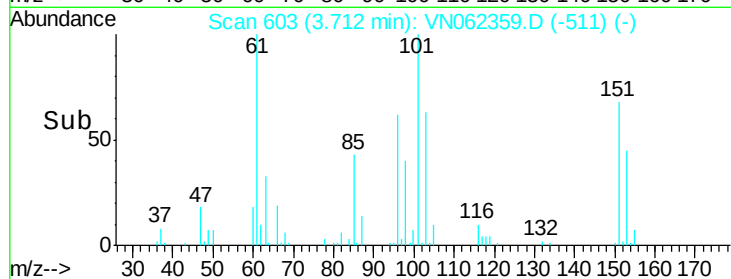
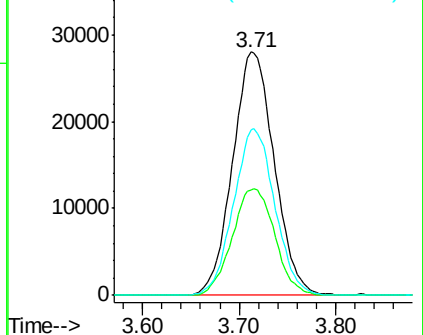
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.850 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN062359.D
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Instrument :
 MSVOA_N
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Tot Ion:101 Resp: 83863
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.5 51.7
 151 67.8 57.8 86.8

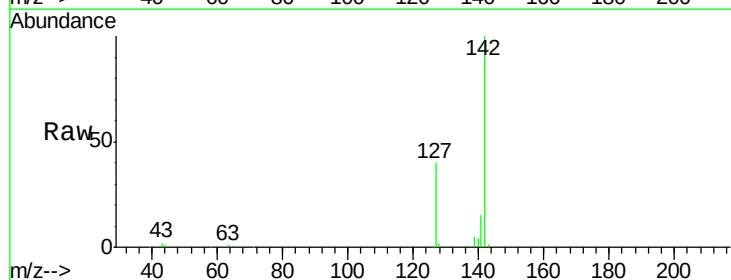


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

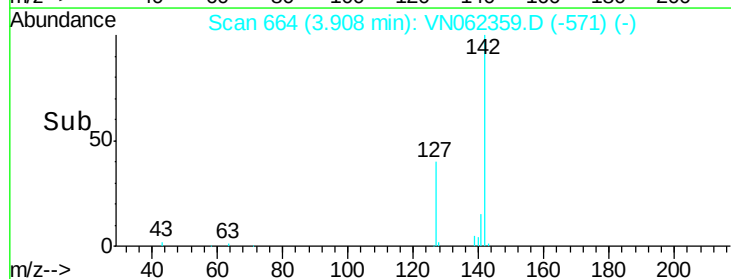
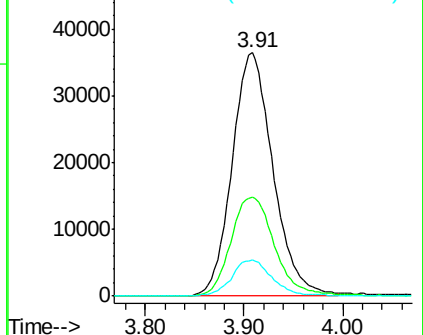


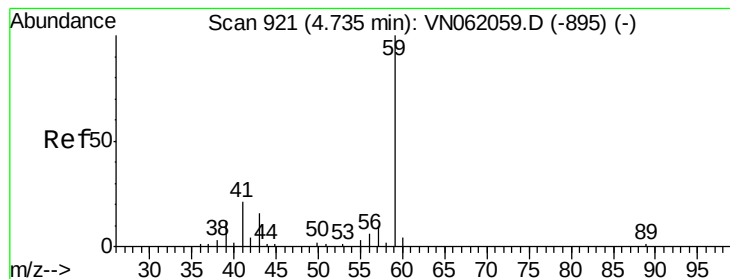
#10
 Methyl Iodide
 Concen: 54.376 ug/l
 RT: 3.91 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion:142 Resp: 105131
 Ion Ratio Lower Upper
 142 100
 127 43.5 33.6 50.4
 141 14.7 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



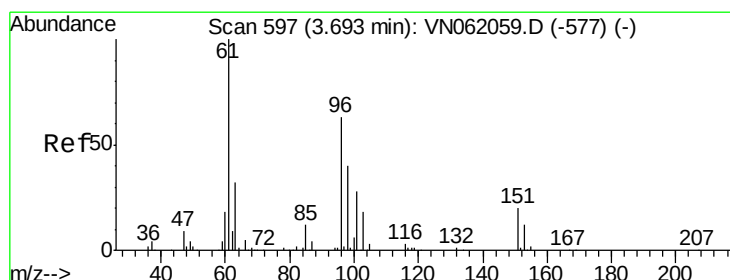
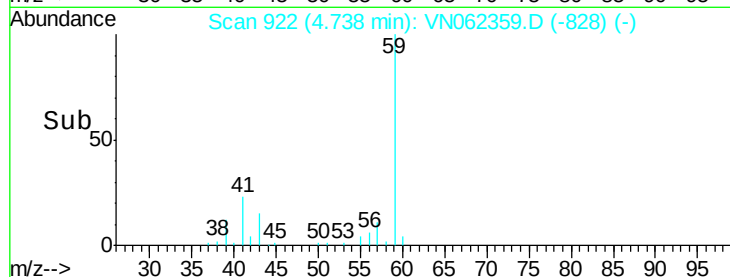
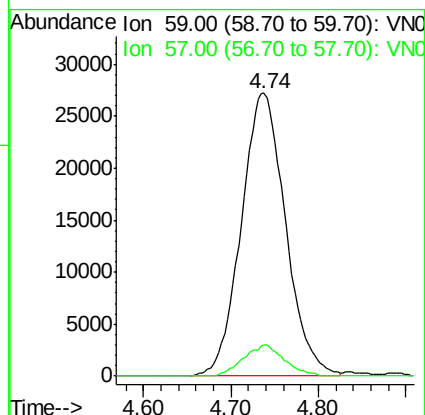
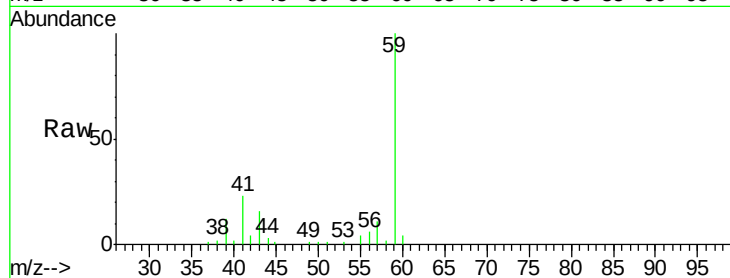


#11

Tert butyl alcohol
 Concen: 317.325 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

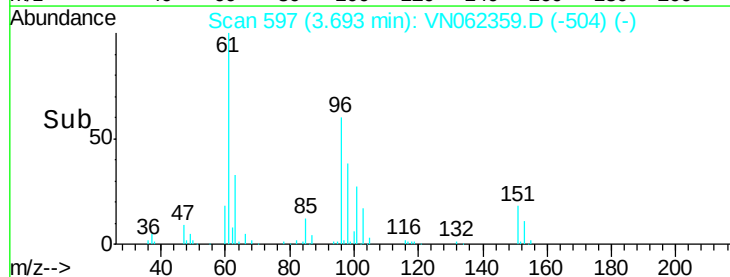
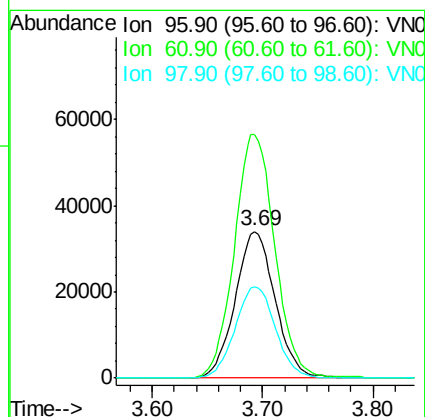
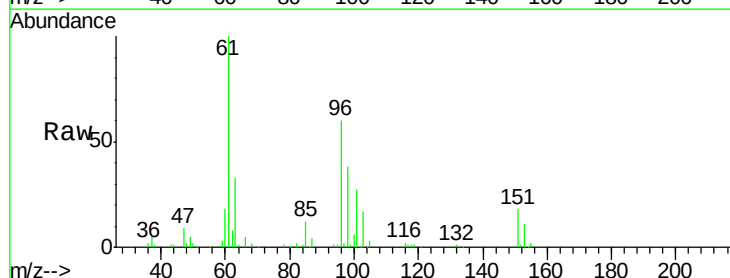
Tot Ion: 59 Resp: 95563
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.3 12.5

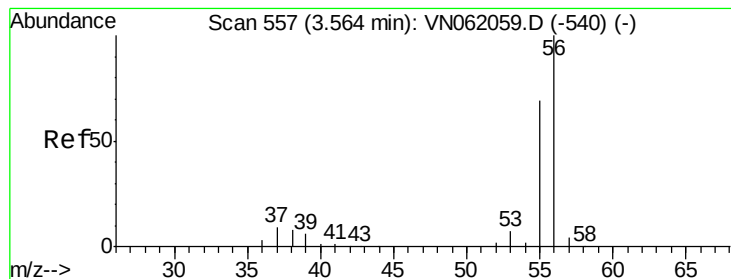


#12

1,1-Dichloroethene
 Concen: 49.657 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion: 96 Resp: 85221
 Ion Ratio Lower Upper
 96 100
 61 166.1 126.7 190.1
 98 62.7 51.0 76.4





#13

Acrolein

Concen: 215.611 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

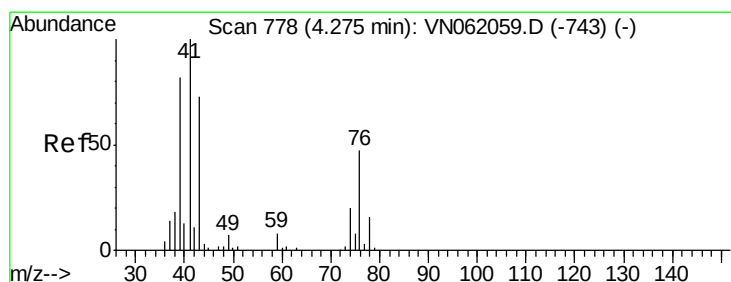
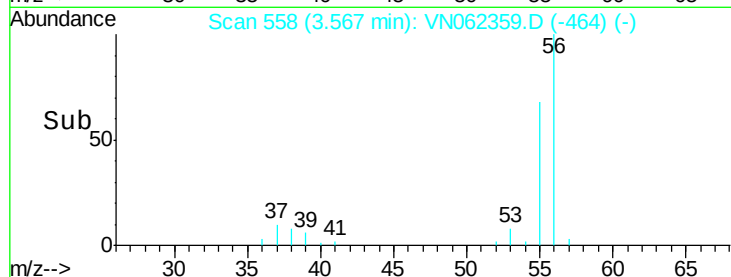
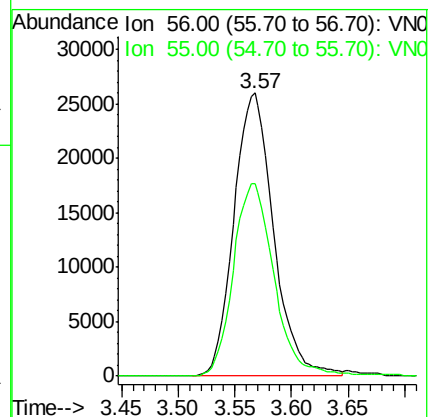
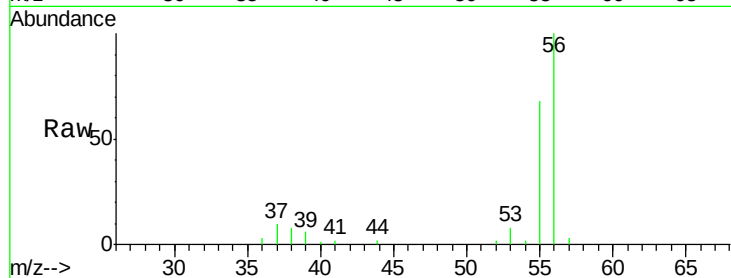
33BR-20200625MSD

Tot Ion: 56 Resp: 63572

Ion Ratio Lower Upper

56 100

55 69.6 55.5 83.3



#14

Allyl chloride

Concen: 59.092 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

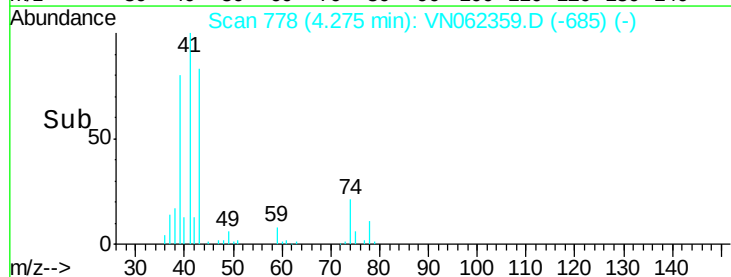
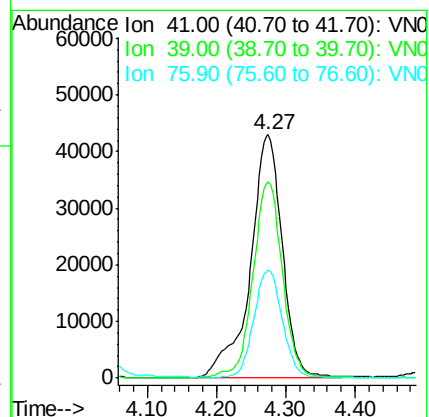
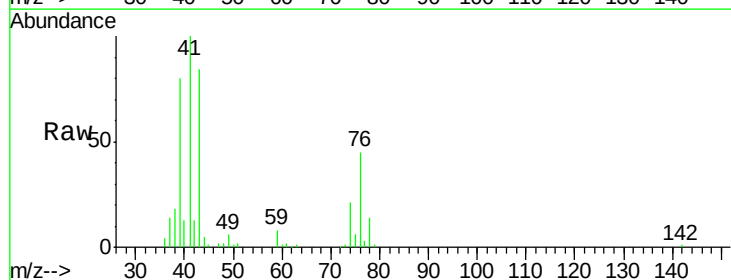
Tgt Ion: 41 Resp: 138075

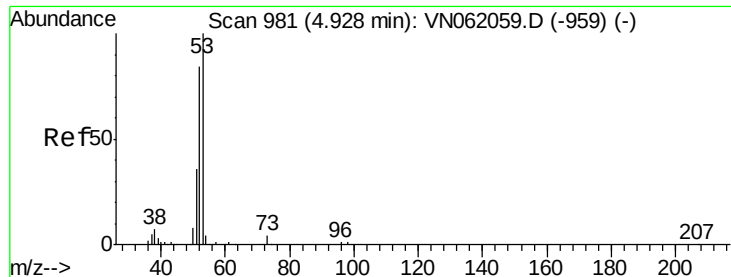
Ion Ratio Lower Upper

41 100

39 74.2 60.0 90.0

76 39.4 34.1 51.1





#15

Acrylonitrile

Concen: 320.343 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

33BR-20200625MSD

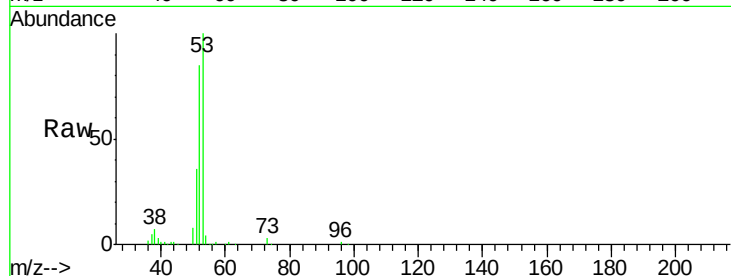
Tot Ion: 53 Resp: 262890

Ion Ratio Lower Upper

53 100

52 84.0 66.2 99.4

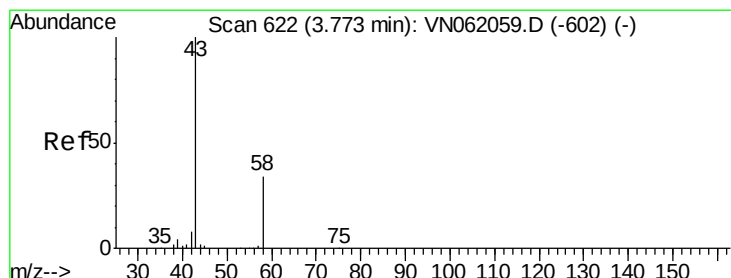
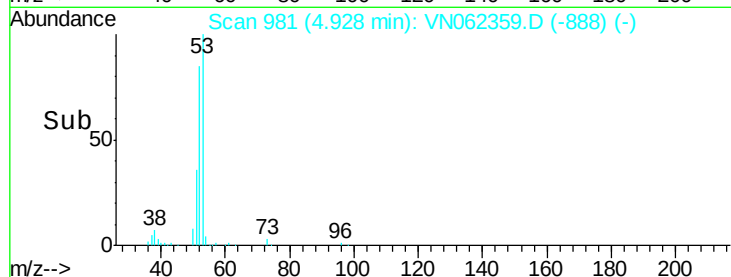
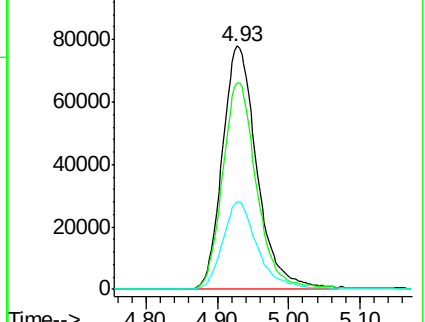
51 36.4 28.9 43.3



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: 323.930 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062359.D

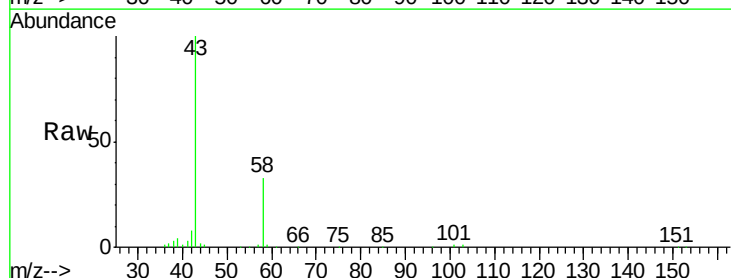
Acq: 3 Jul 2020 1:45

Tgt Ion: 43 Resp: 212477

Ion Ratio Lower Upper

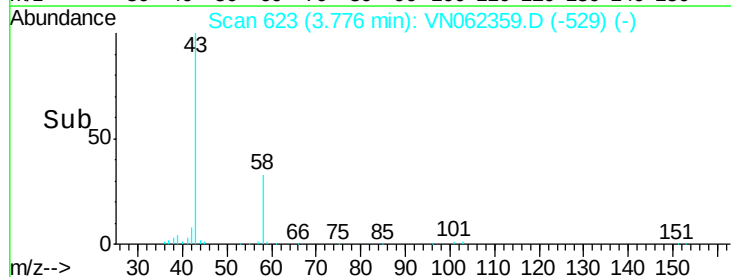
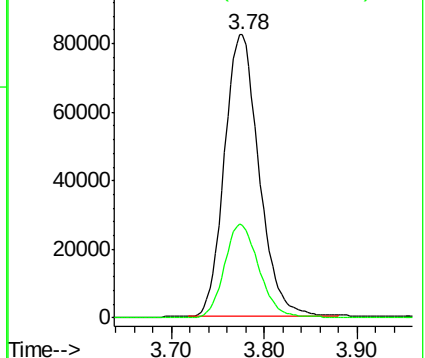
43 100

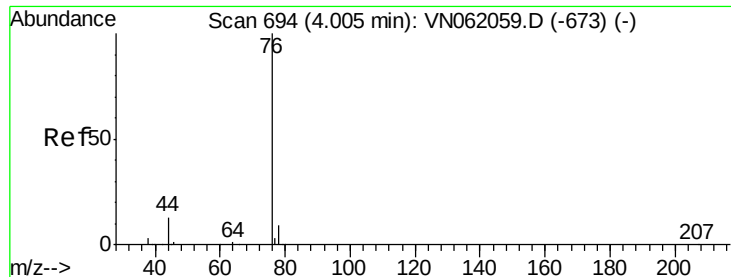
58 32.8 27.5 41.3



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: 48.325 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

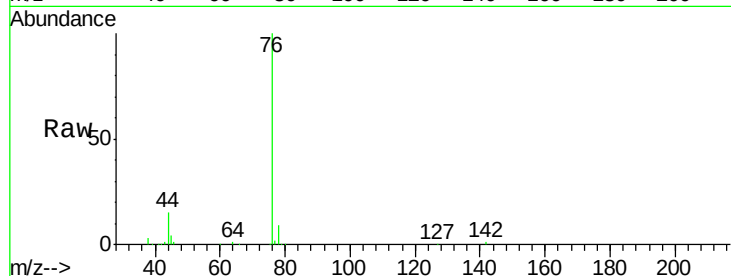
33BR-20200625MSD

Tot Ion: 76 Resp: 237545

Ion Ratio Lower Upper

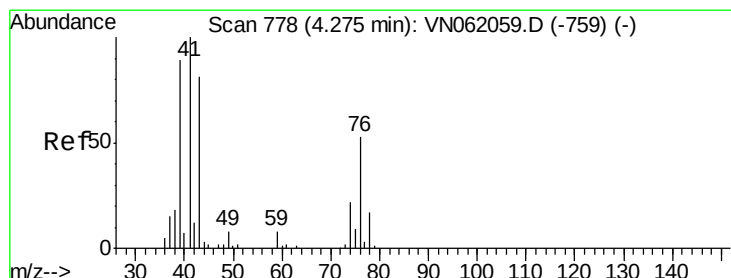
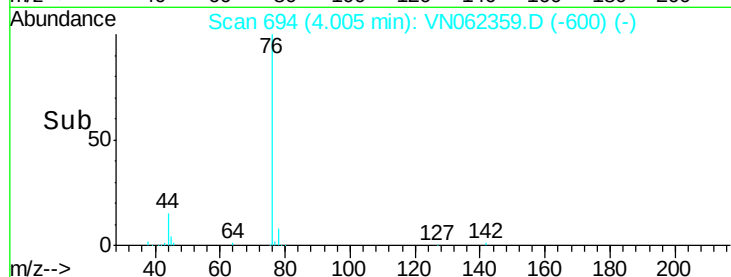
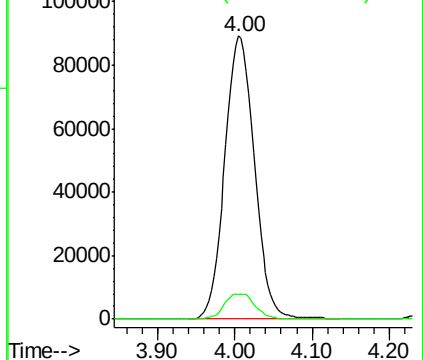
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 61.653 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062359.D

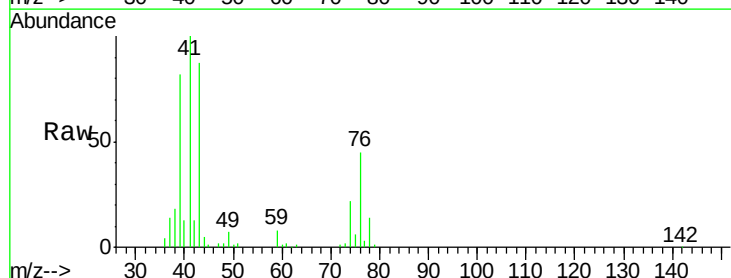
Acq: 3 Jul 2020 1:45

Tgt Ion: 43 Resp: 102798

Ion Ratio Lower Upper

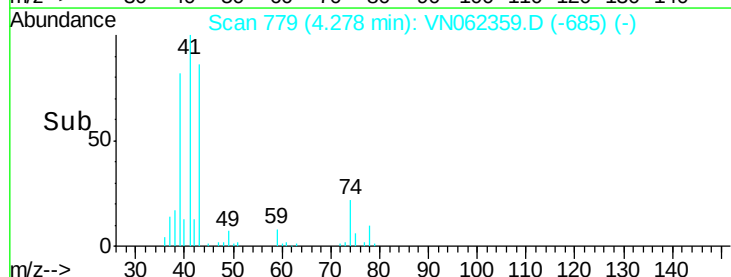
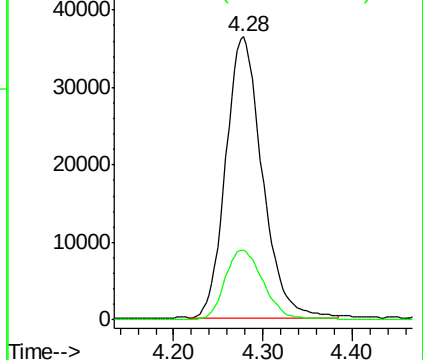
43 100

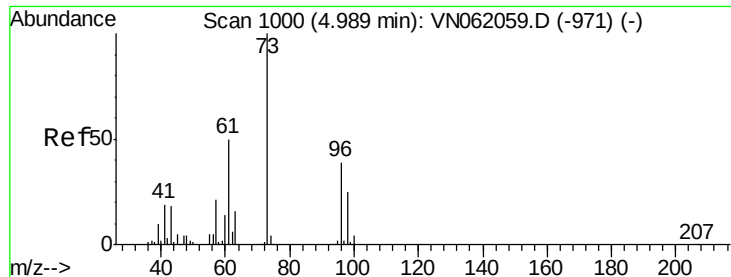
74 26.2 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

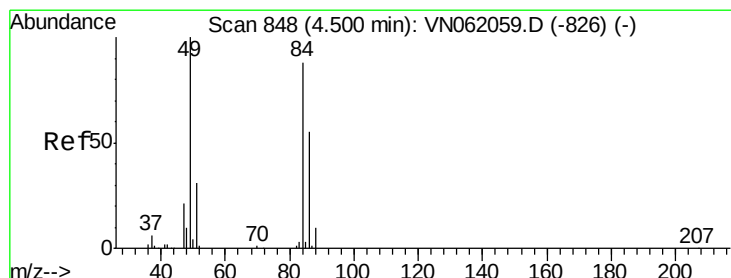
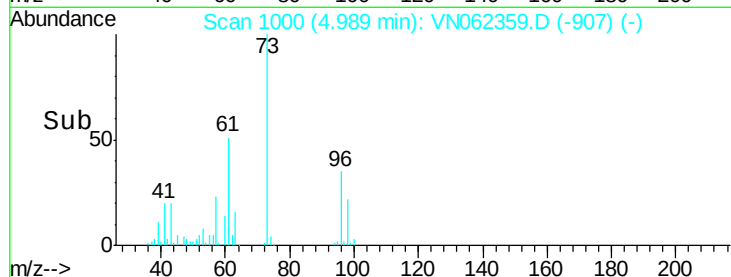
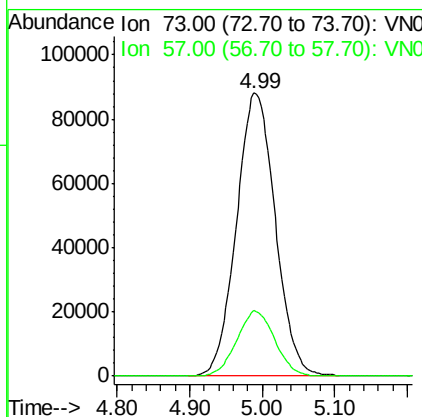
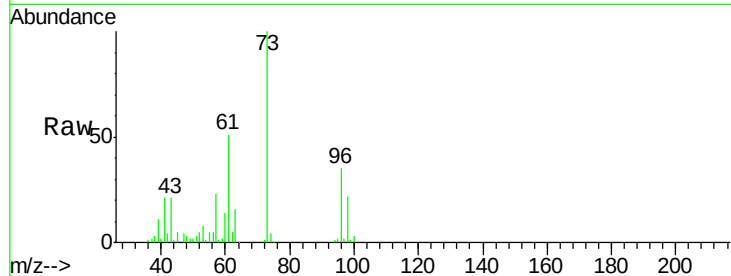




#19
Methvl tert-butyl Ether
Concen: 59.897 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

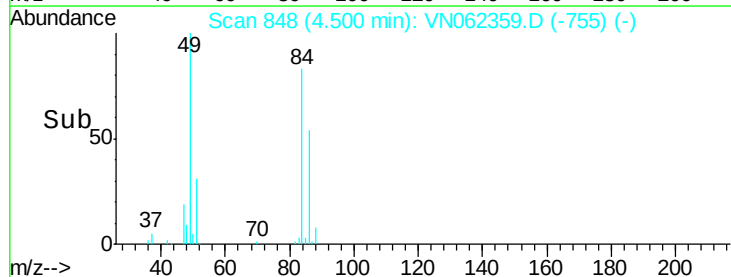
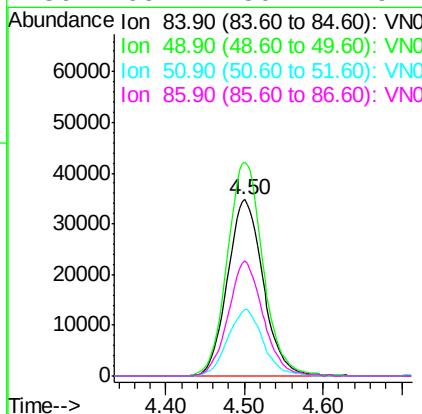
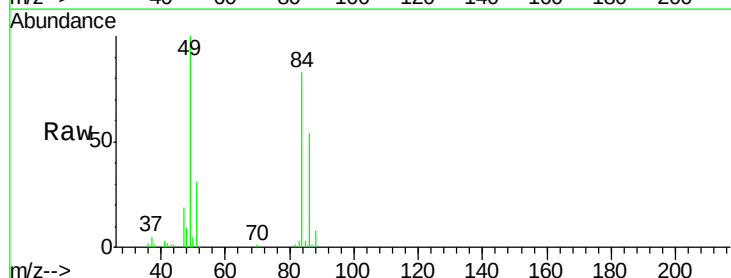
Instrument :
MSVOA_N
ClientSampleId :
33BR-20200625MSD

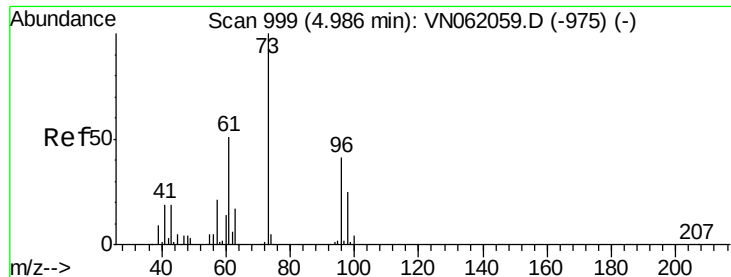
Tot Ion: 73 Resp: 328473
Ion Ratio Lower Upper
73 100
57 23.0 16.6 24.8



#20
Methylene Chloride
Concen: 57.095 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

Tgt Ion: 84 Resp: 109875
Ion Ratio Lower Upper
84 100
49 121.1 90.6 136.0
51 37.6 27.8 41.8
86 65.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 51.286 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

33BR-20200625MSD

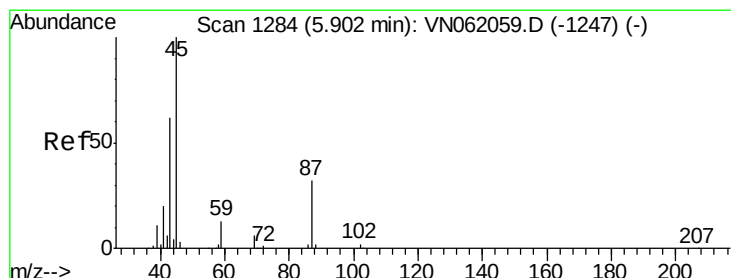
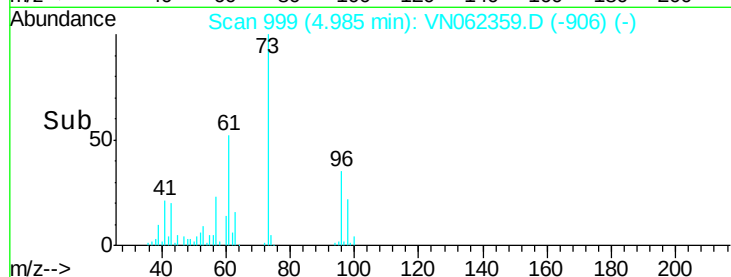
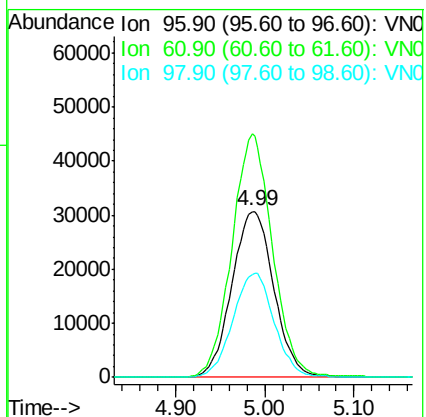
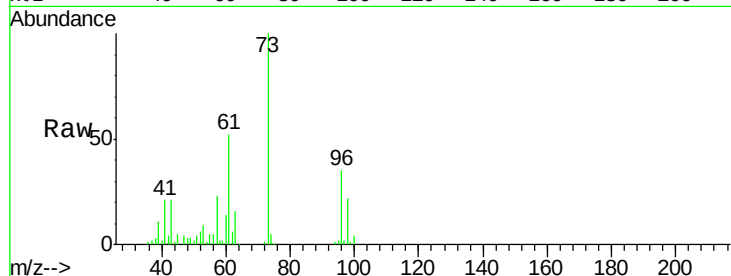
Tot Ion: 96 Resp: 100269

Ion Ratio Lower Upper

96 100

61 146.3 101.4 152.2

98 62.1 49.3 73.9



#22

Diisopropyl ether

Concen: 62.723 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Tgt Ion: 45 Resp: 333698

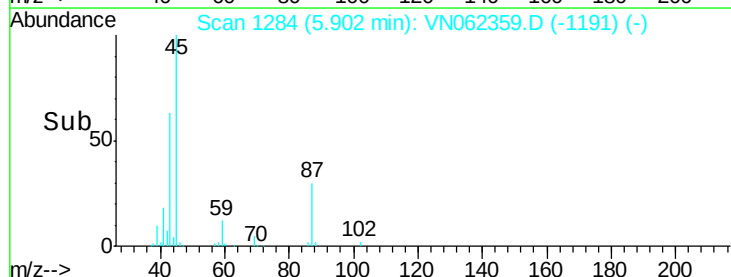
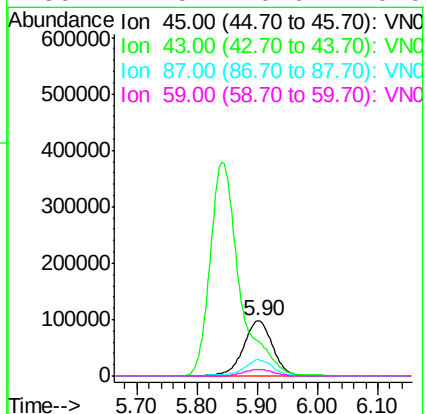
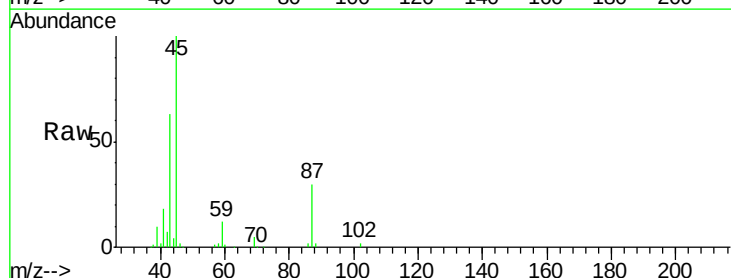
Ion Ratio Lower Upper

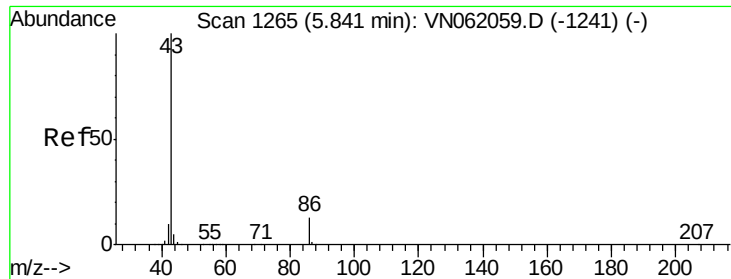
45 100

43 61.5 49.7 74.5

87 29.5 25.9 38.9

59 12.5 10.6 16.0

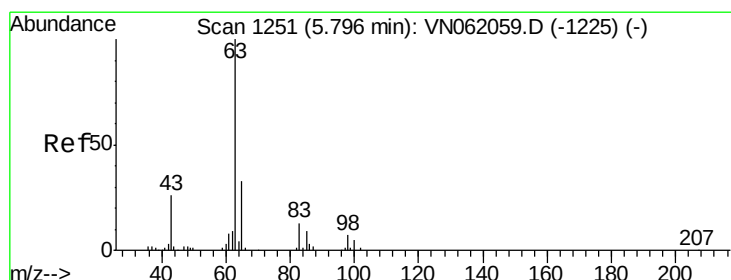
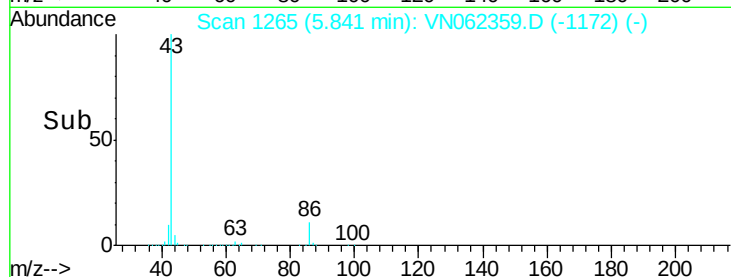
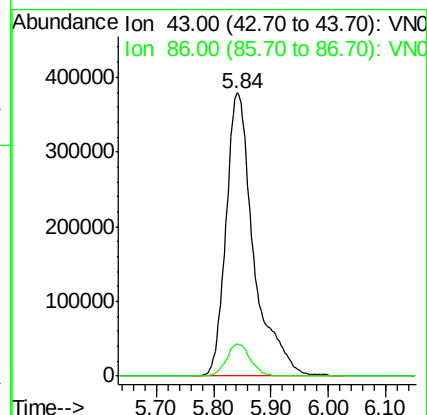
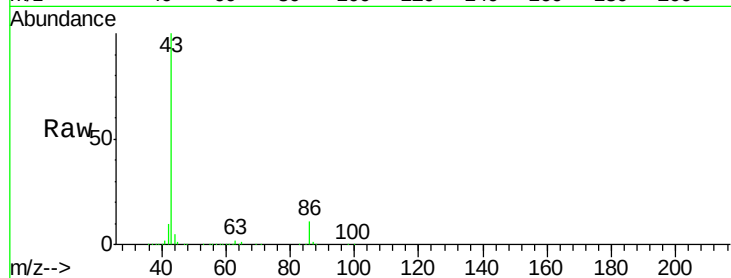




#23
 Vinyl Acetate
 Concen: 293.274 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

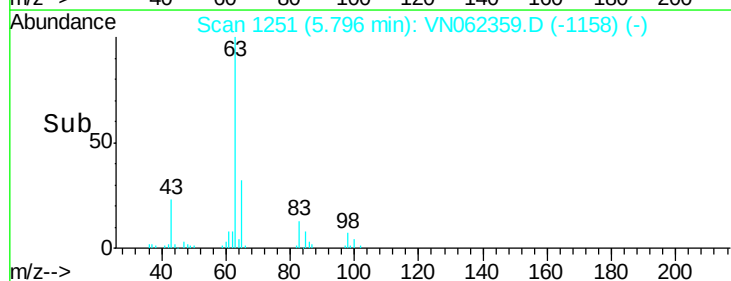
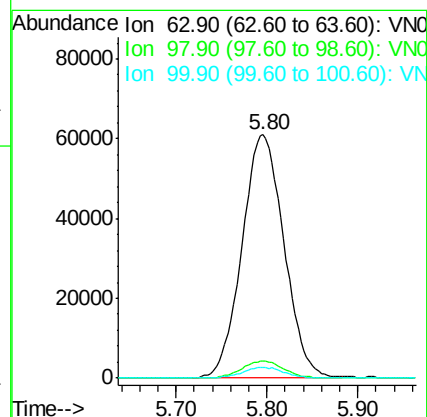
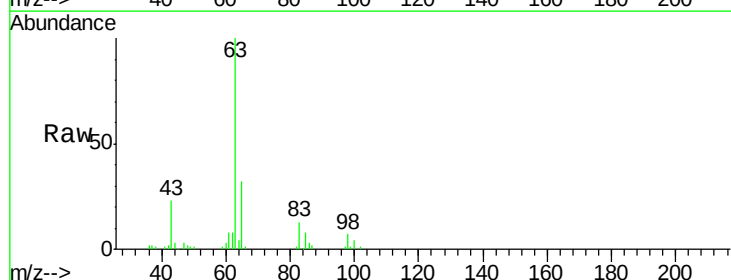
Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

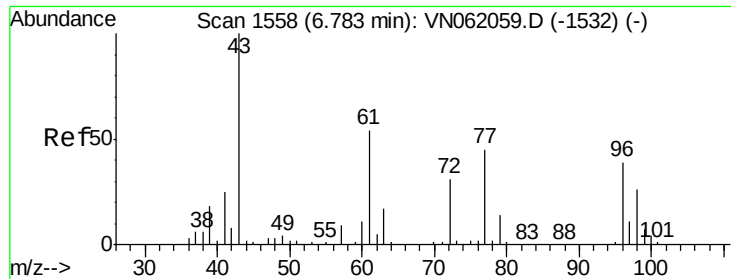
Tot Ion: 43 Resp: 1273877
 Ion Ratio Lower Upper
 43 100
 86 11.3 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 57.068 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion: 63 Resp: 195511
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.3 2.4 7.1

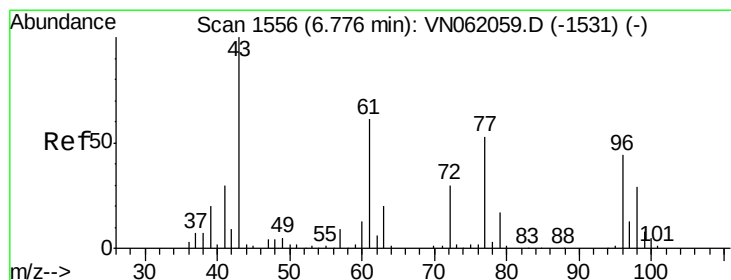
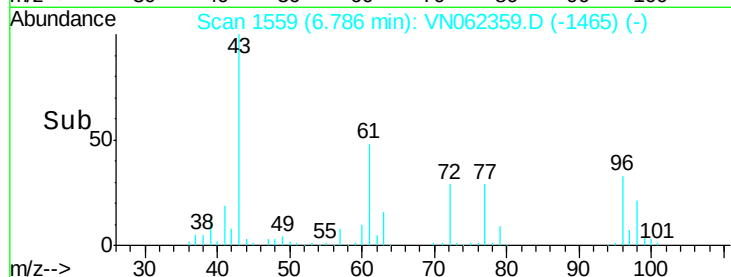
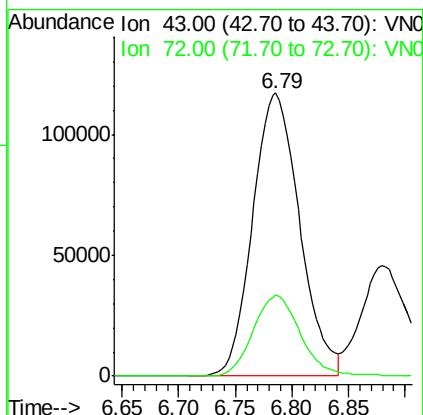
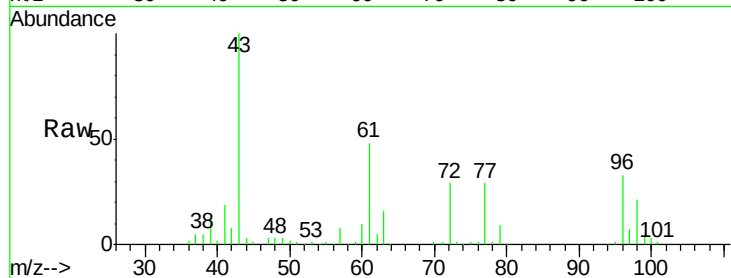




#25
2-Butanone
Concen: 329.326 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

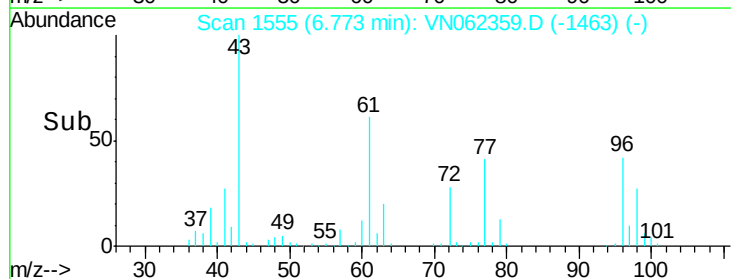
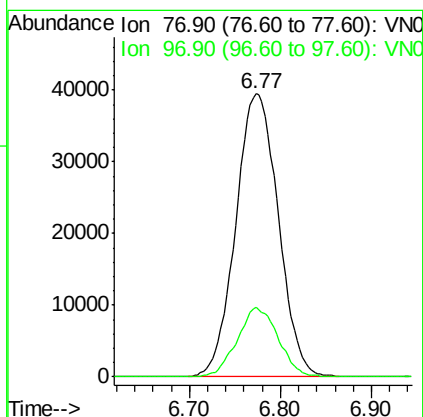
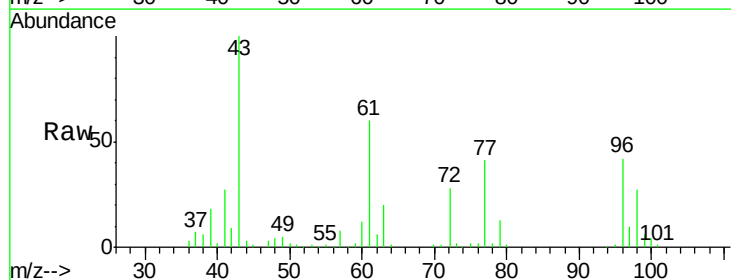
Instrument :
MSVOA_N
ClientSampleId :
33BR-20200625MSD

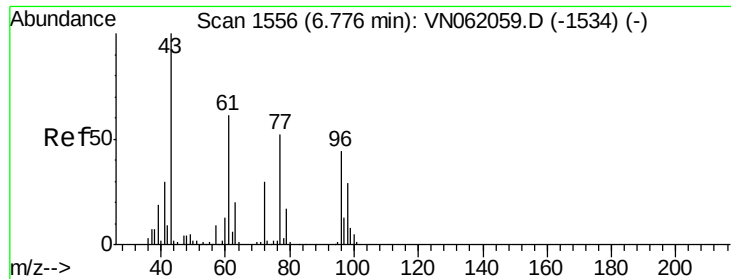
Tot Ion: 43 Resp: 337632
Ion Ratio Lower Upper
43 100
72 28.7 24.8 37.2



#26
2,2-Dichloropropane
Concen: 44.946 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

Tgt Ion: 77 Resp: 128313
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.3

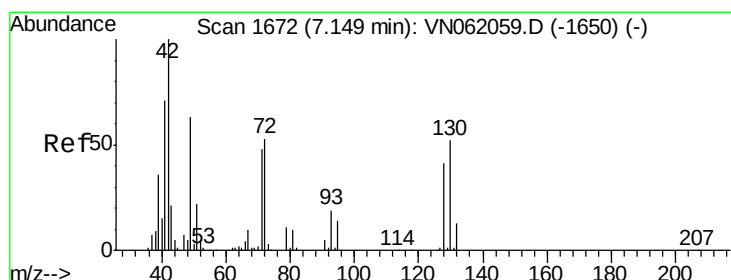
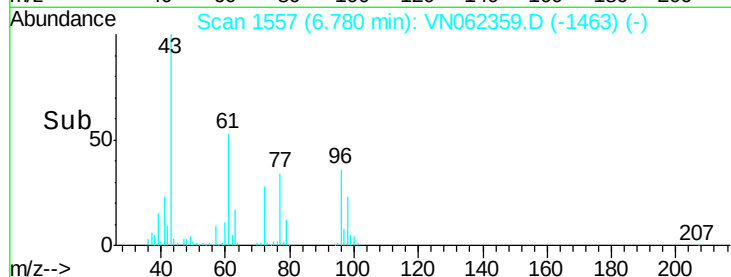
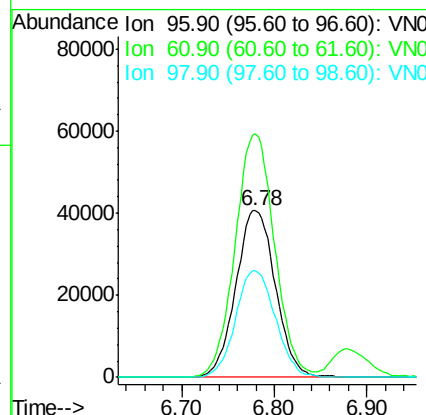
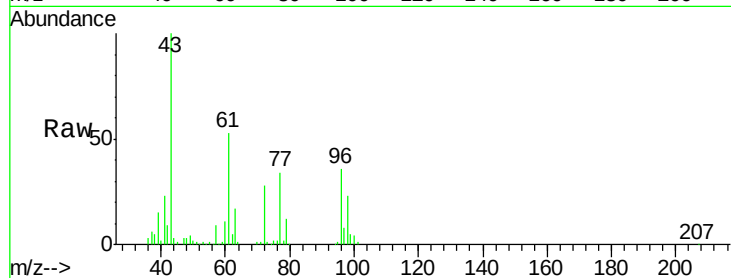




#27
 cis-1,2-Dichloroethene
 Concen: 54.757 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

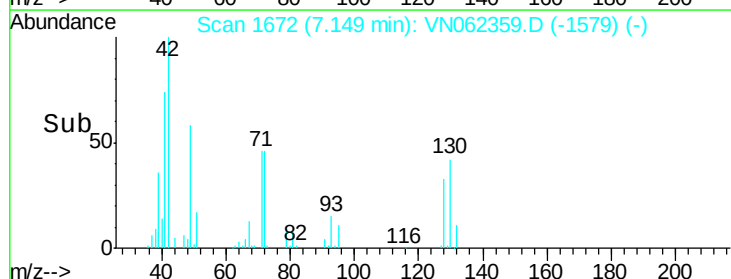
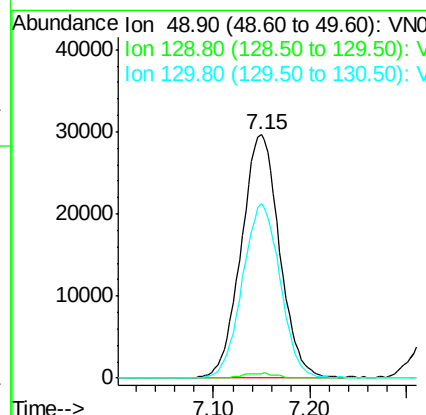
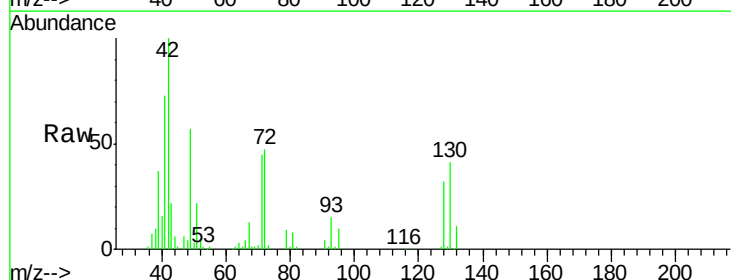
Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

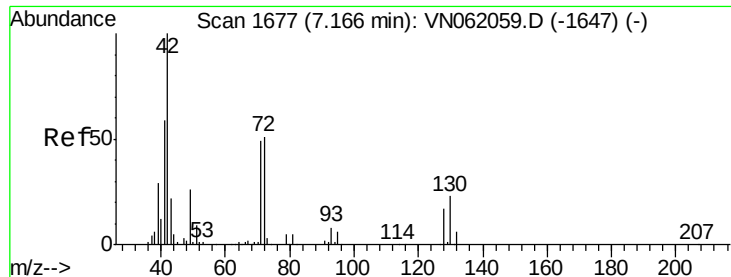
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	280.4
98	64.4	0.0	129.4



#28
 Bromochloromethane
 Concen: 54.962 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.4
130	70.3	65.5	98.3

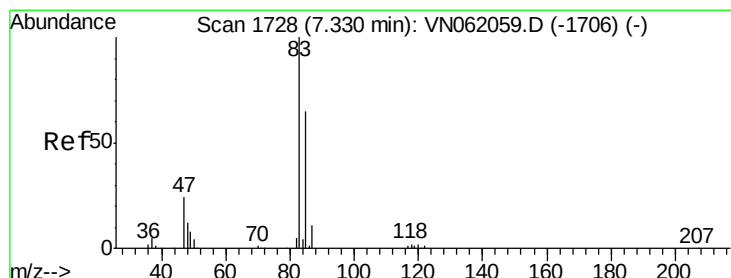
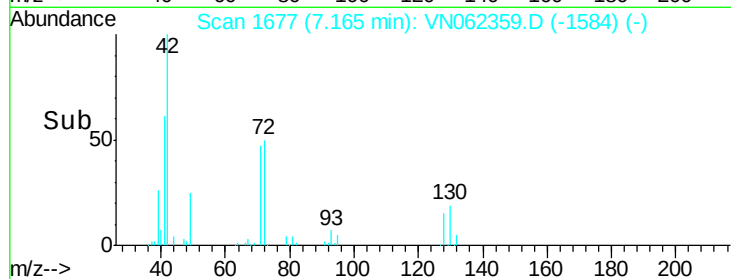
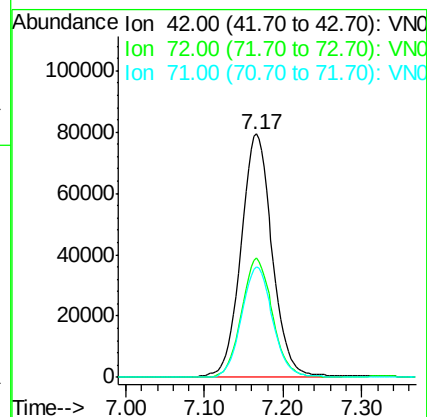
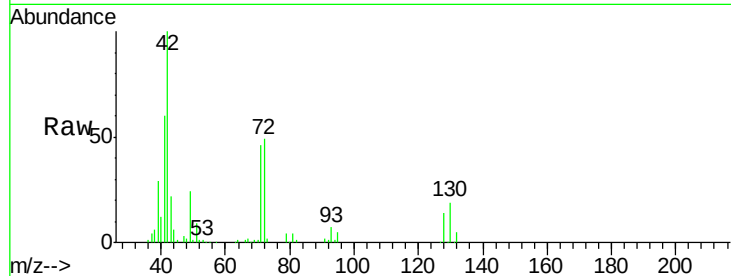




#29
Tetrahydrofuran
Concen: 326.584 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

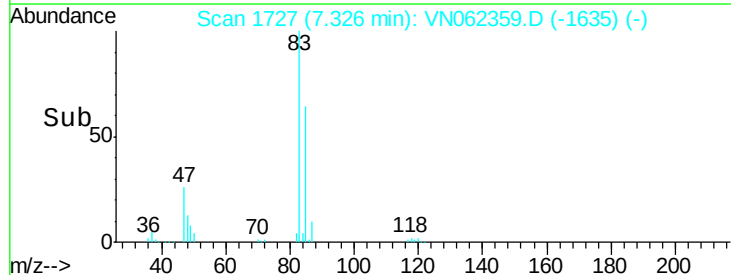
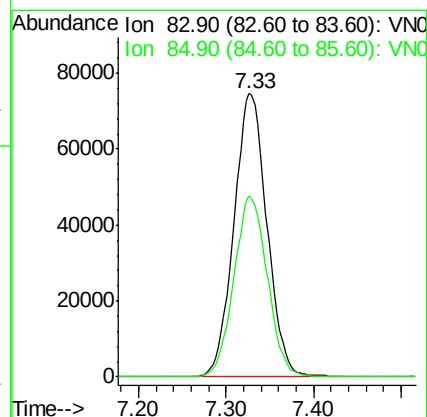
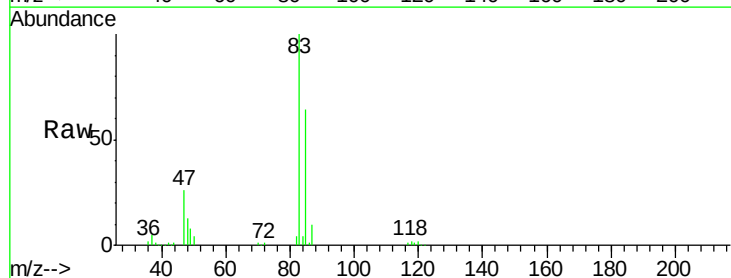
Instrument :
MSVOA_N
ClientSampleId :
33BR-20200625MSD

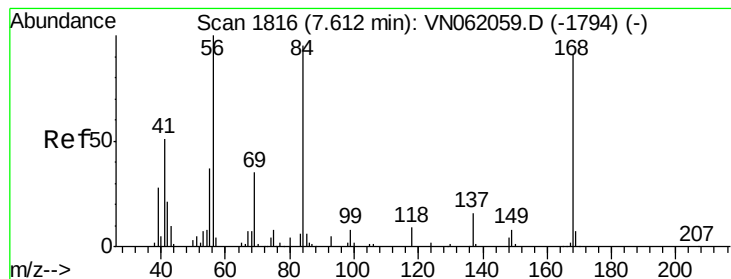
Tot Ion: 42 Resp: 219324
Ion Ratio Lower Upper
42 100
72 48.8 41.1 61.7
71 45.7 38.2 57.4



#30
Chloroform
Concen: 56.057 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

Tgt Ion: 83 Resp: 195394
Ion Ratio Lower Upper
83 100
85 64.0 52.3 78.5





#31

Cyclohexane

Concen: 52.896 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

33BR-20200625MSD

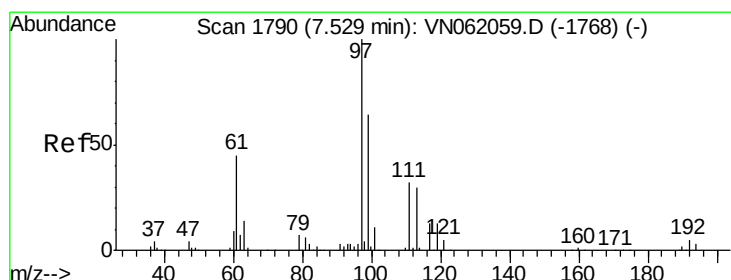
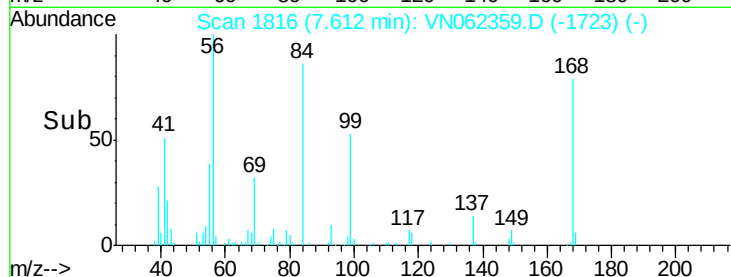
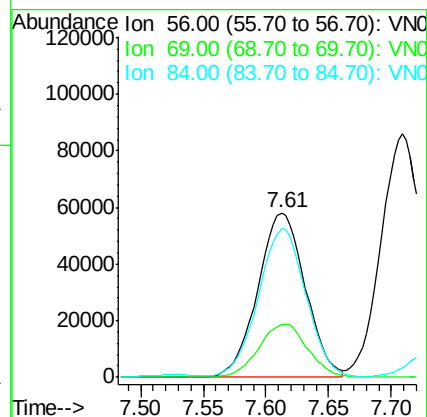
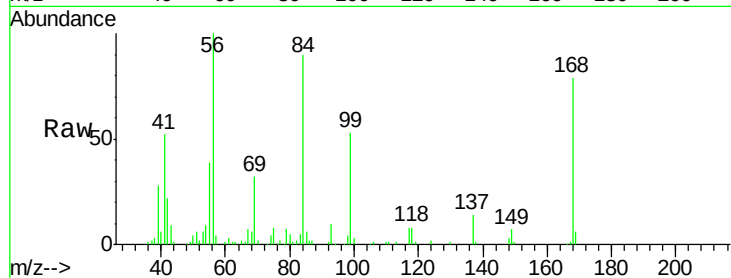
Tot Ion: 56 Resp: 153287

Ion Ratio Lower Upper

56 100

69 31.9 28.0 42.0

84 88.8 76.1 114.1



#32

1,1,1-Trichloroethane

Concen: 53.885 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

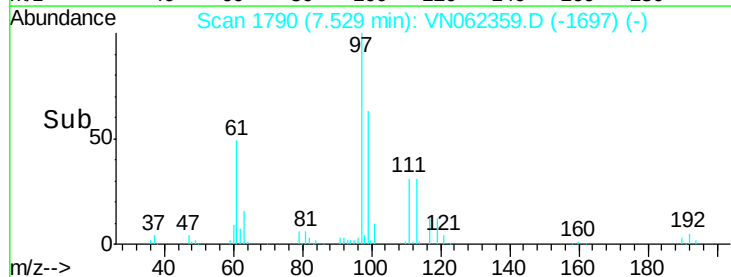
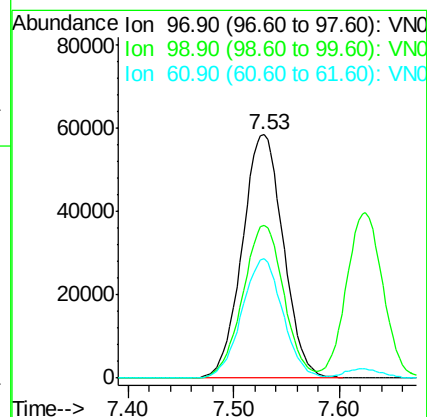
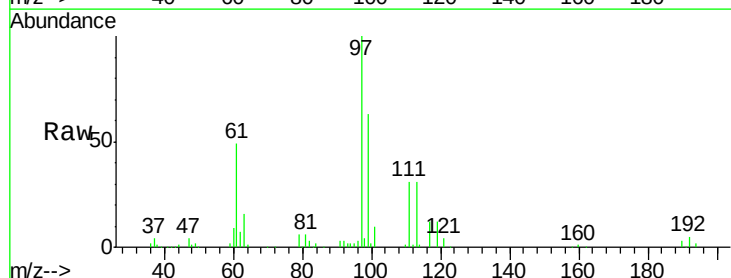
Tgt Ion: 97 Resp: 158393

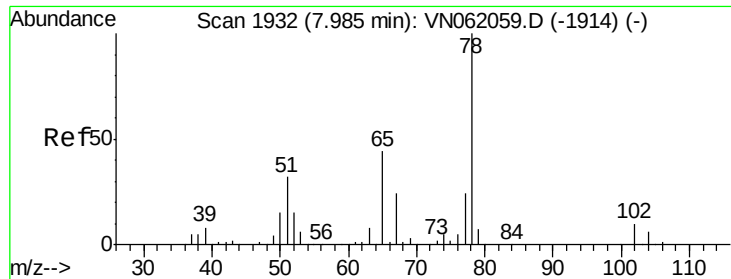
Ion Ratio Lower Upper

97 100

99 62.5 51.0 76.4

61 48.9 36.2 54.2

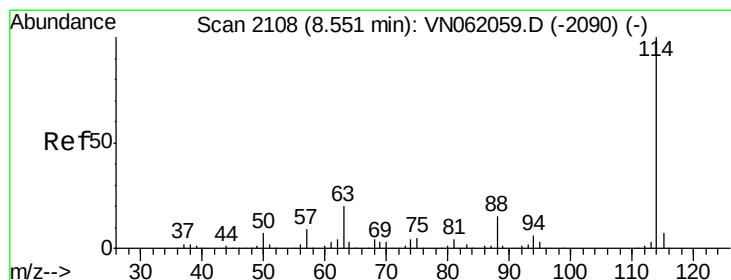
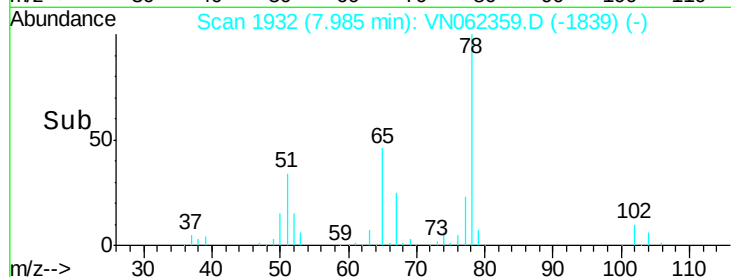
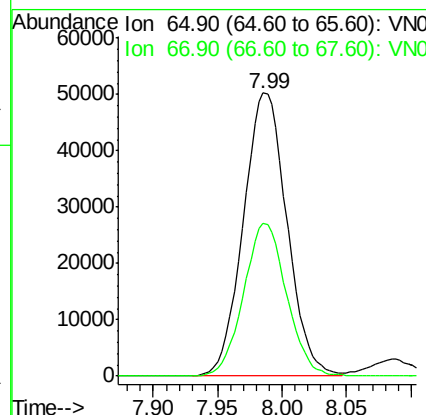
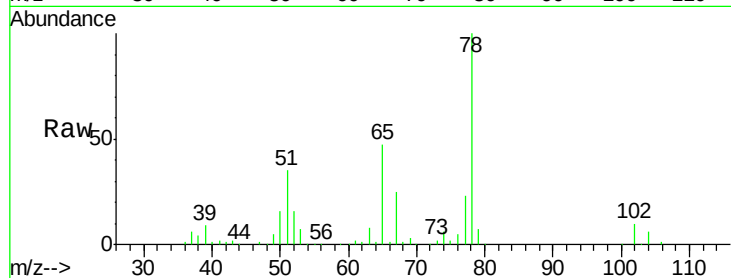




#33
 1,2-Dichloroethane-d4
 Concen: 56.508 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

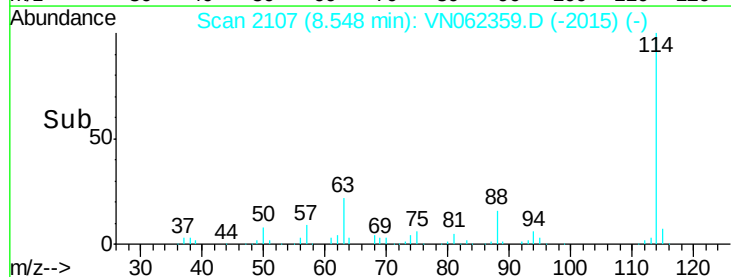
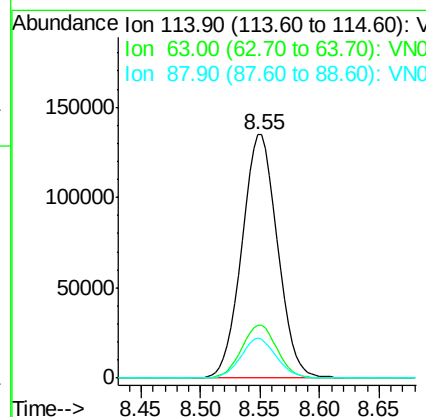
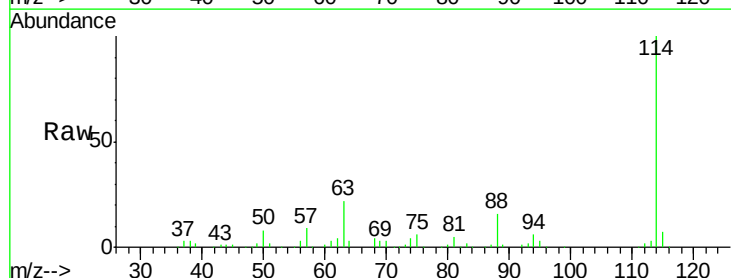
Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

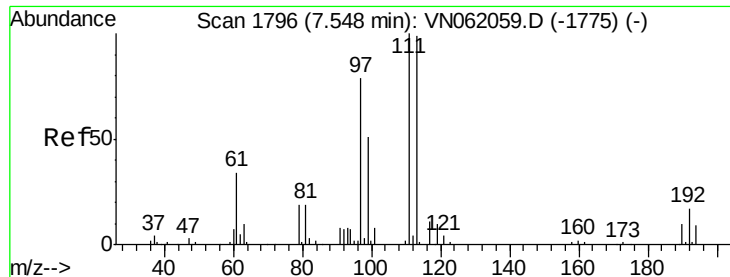
Tot Ion: 65 Resp: 118524
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion: 114 Resp: 280041
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 39.2
 88 16.3 0.0 30.8

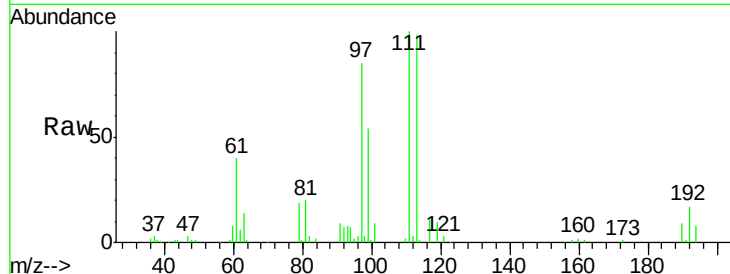




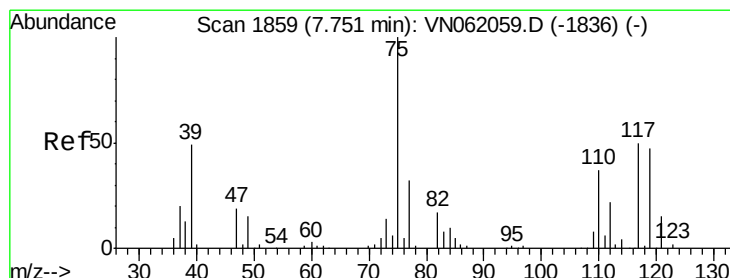
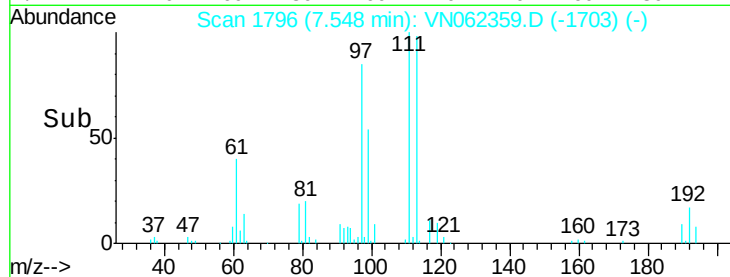
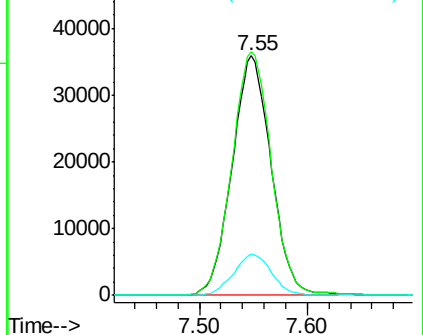
#35
 Dibromofluoromethane
 Concen: 50.216 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	16.7	14.0	21.0

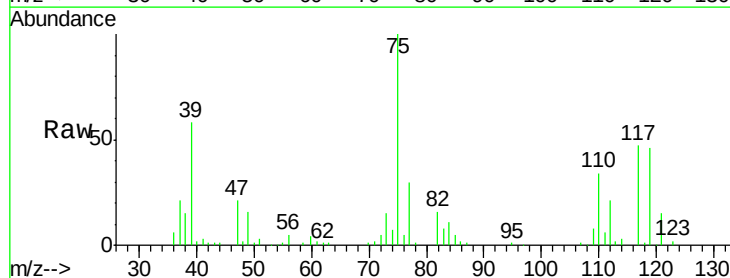


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

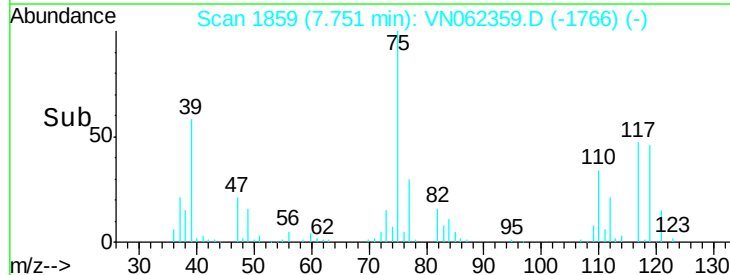
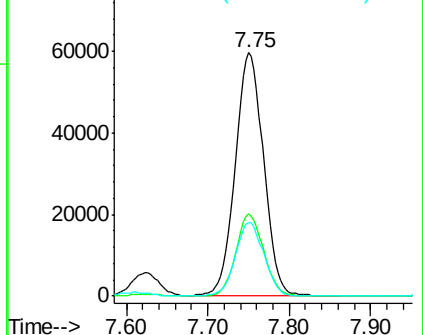


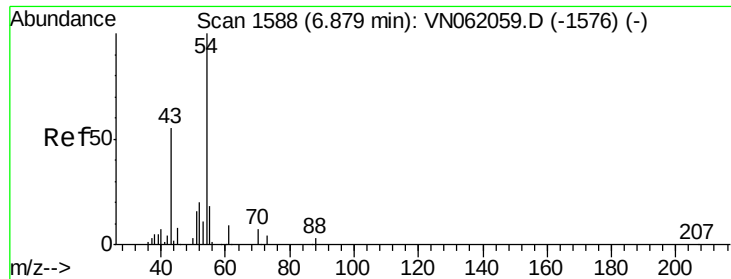
#36
 1,1-Dichloropropene
 Concen: 51.294 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.9	17.9	53.8
77	30.5	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

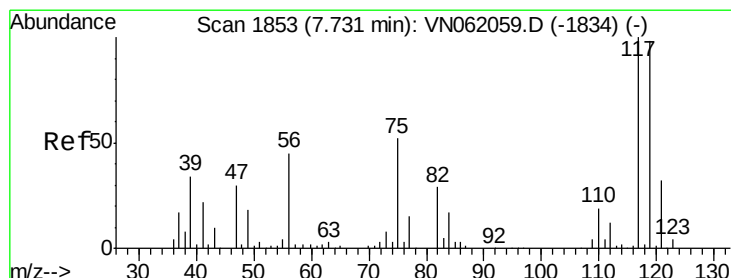
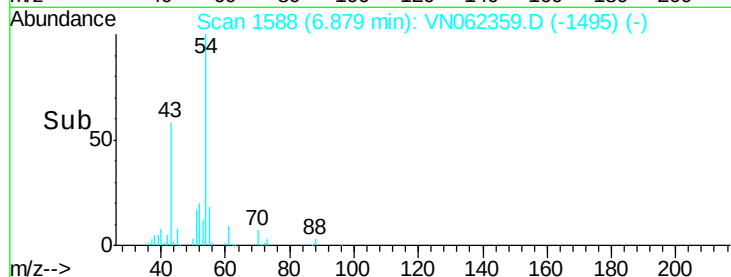
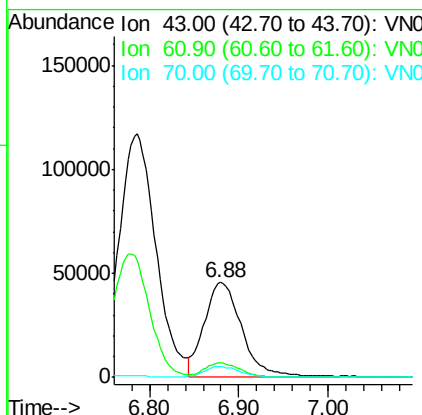
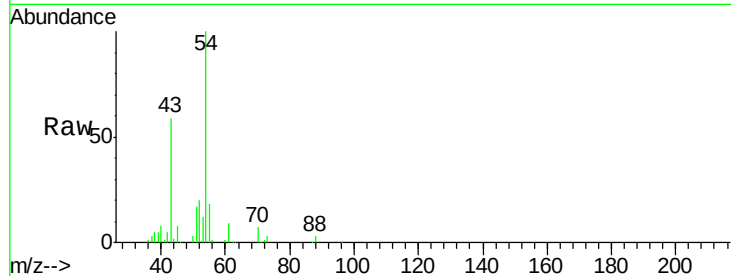




#37
Ethyl Acetate
Concen: 56.499 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

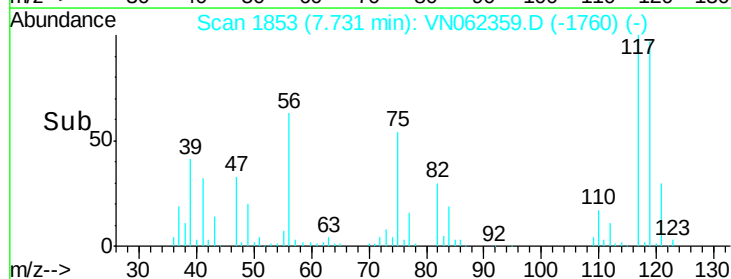
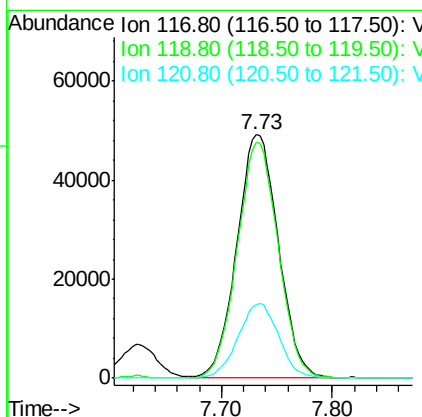
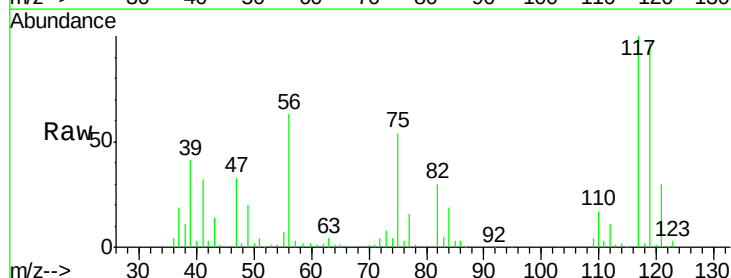
Instrument :
MSVOA_N
ClientSampleId :
33BR-20200625MSD

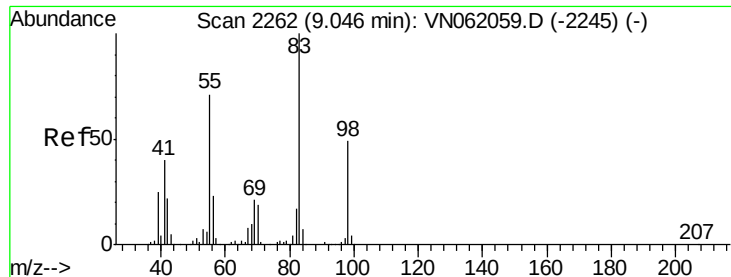
Tot Ion: 43 Resp: 131689
Ion Ratio Lower Upper
43 100
61 15.0 12.0 18.0
70 11.1 9.6 14.4



#38
Carbon Tetrachloride
Concen: 48.381 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

Tgt Ion: 117 Resp: 128392
Ion Ratio Lower Upper
117 100
119 97.0 78.2 117.2
121 30.4 25.8 38.6

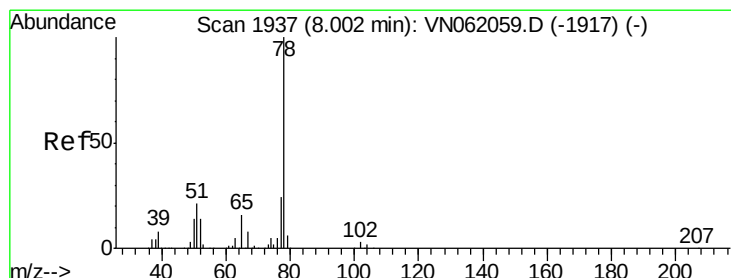
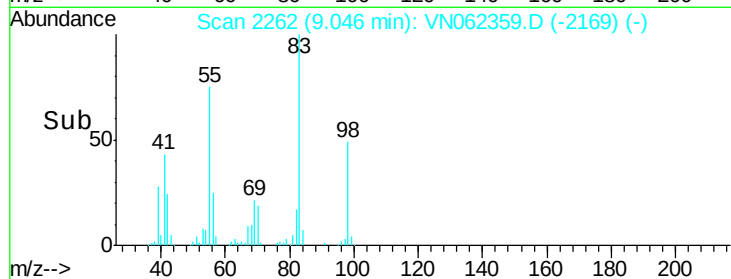
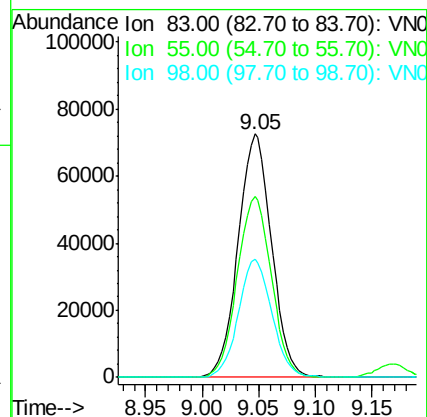
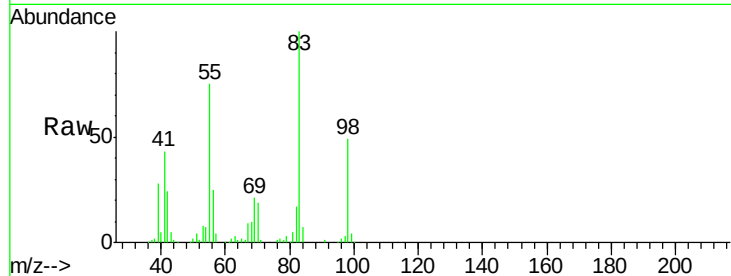




#39
Methylvlcyclohexane
Concen: 48.511 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

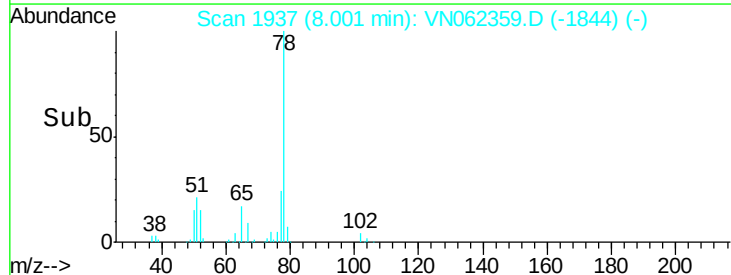
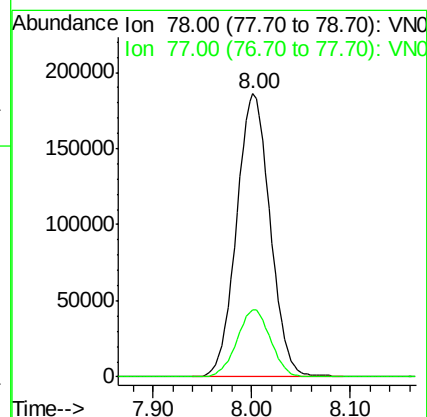
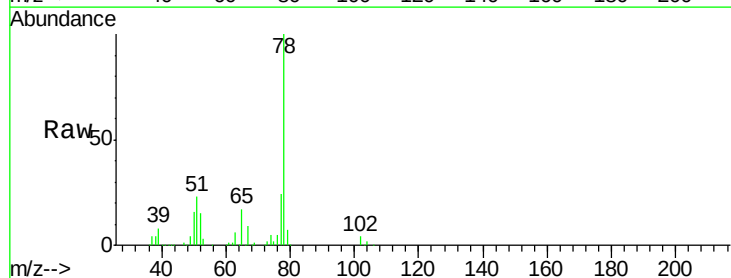
Instrument :
MSVOA_N
ClientSampleId :
33BR-20200625MSD

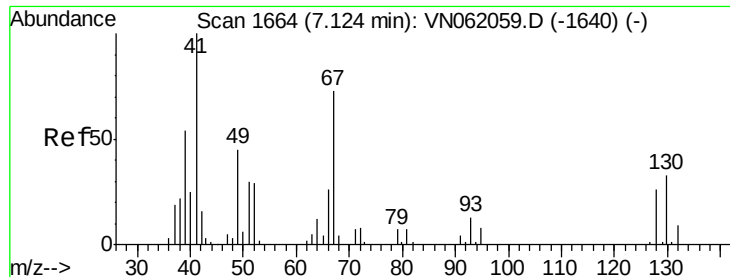
Tot Ion: 83 Resp: 149616
Ion Ratio Lower Upper
83 100
55 74.5 57.0 85.6
98 48.8 39.0 58.6



#40
Benzene
Concen: 51.178 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

Tgt Ion: 78 Resp: 439084
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3

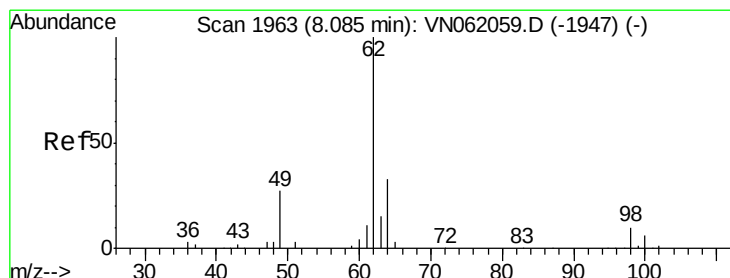
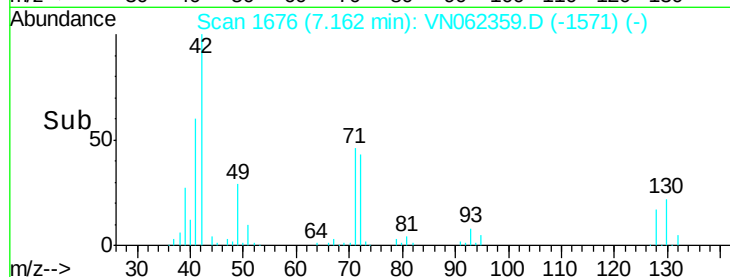
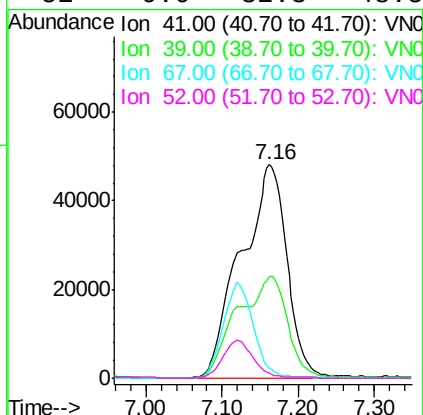
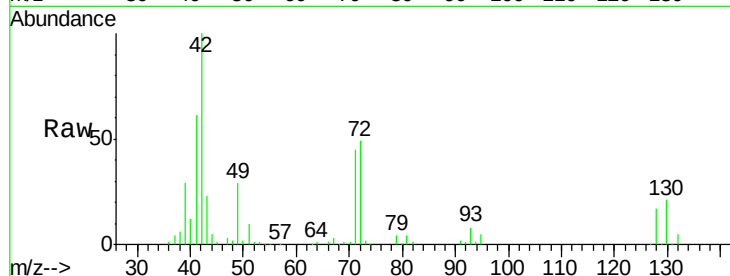




#41
Methacrylonitrile
Concen: 187.593 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

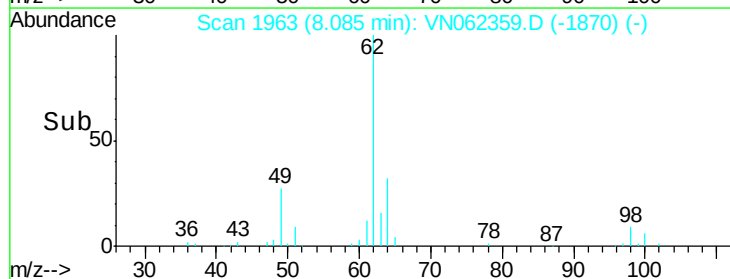
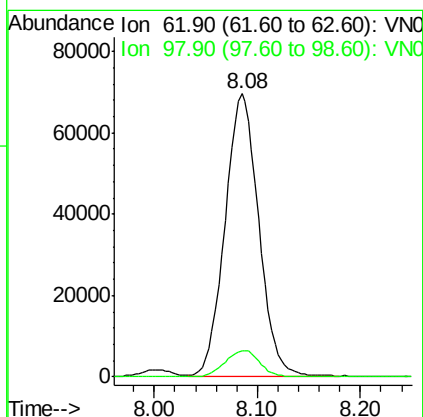
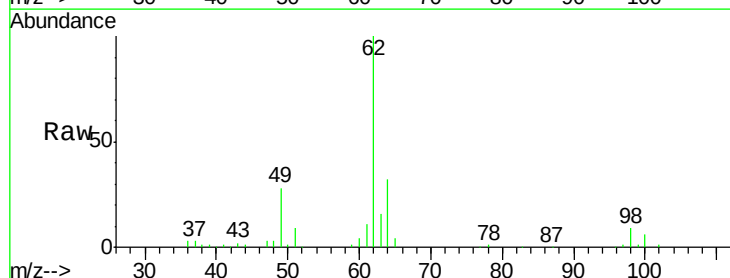
Instrument :
MSVOA_N
ClientSampleId :
33BR-20200625MSD

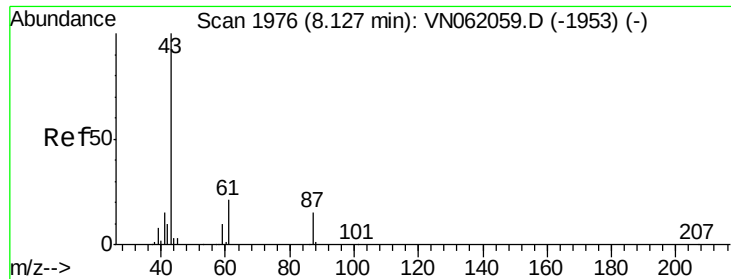
Tot Ion: 41 Resp: 202710
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 54.388 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

Tgt Ion: 62 Resp: 157653
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 56.604 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

33BR-20200625MSD

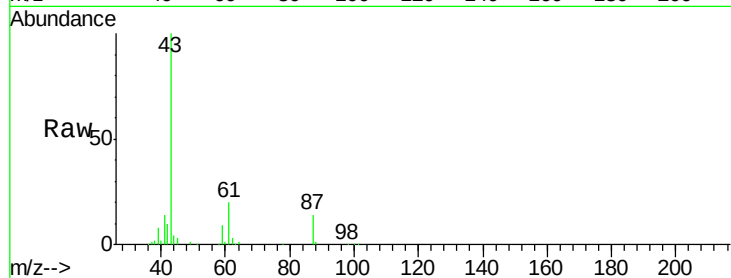
Tot Ion: 43 Resp: 215075

Ion Ratio Lower Upper

43 100

61 21.6 17.2 25.8

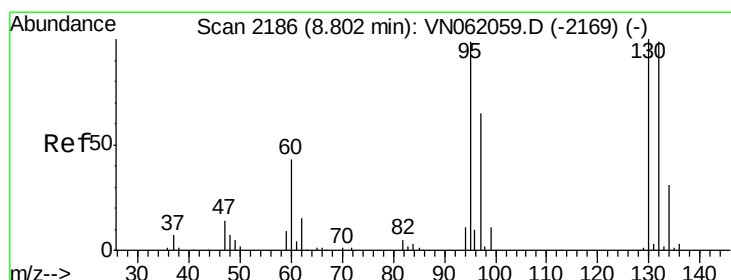
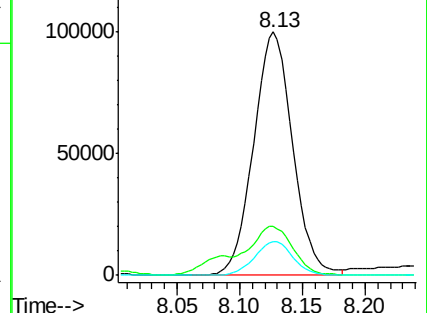
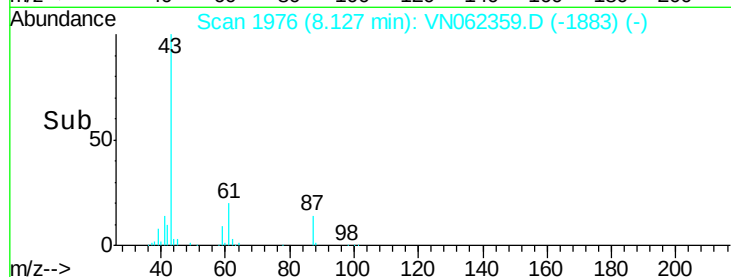
87 13.7 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062359.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062359.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062359.D (-1883) (-)



#44

Trichloroethene

Concen: 47.704 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062359.D

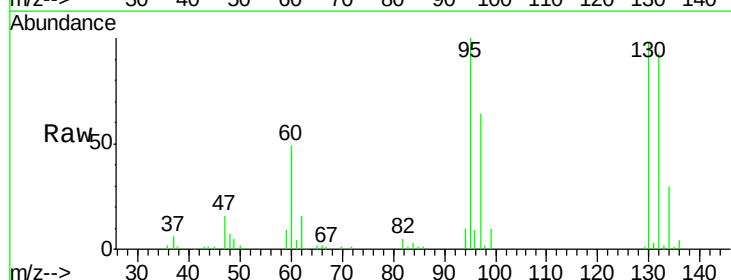
Acq: 3 Jul 2020 1:45

Tgt Ion:130 Resp: 103241

Ion Ratio Lower Upper

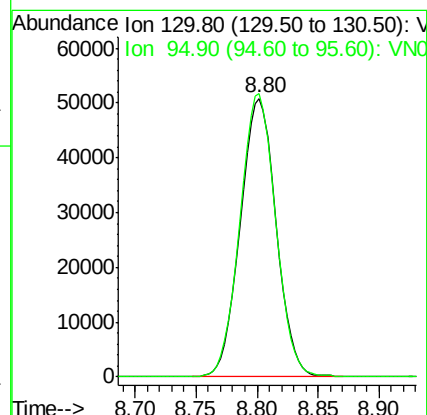
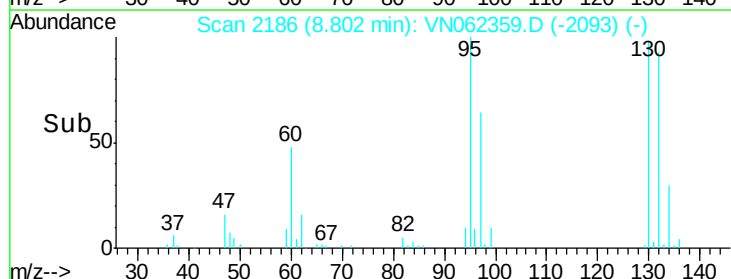
130 100

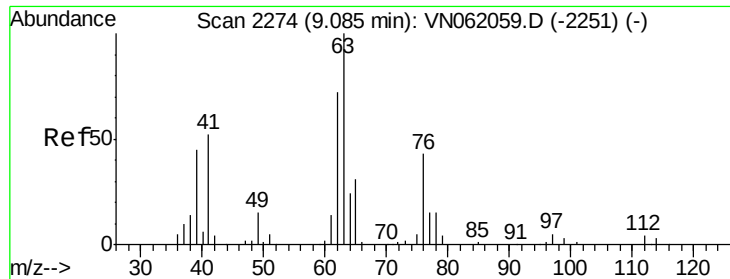
95 101.7 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062359.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062359.D (-2093) (-)

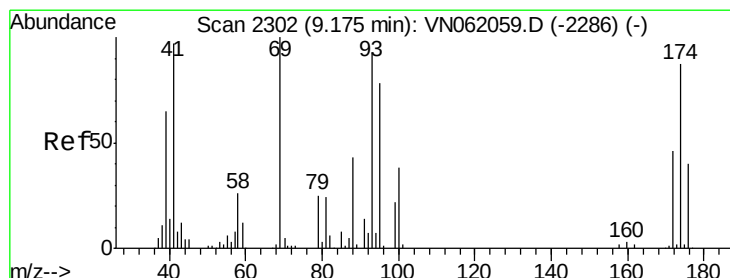
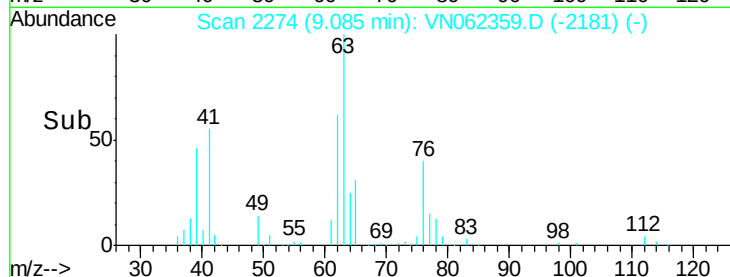
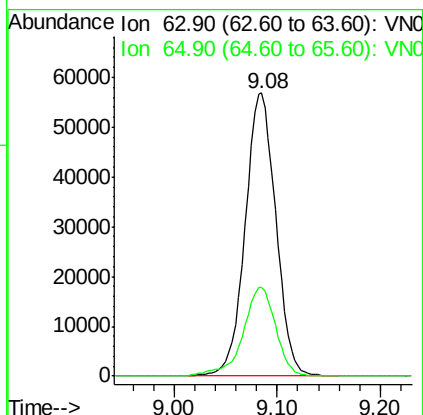
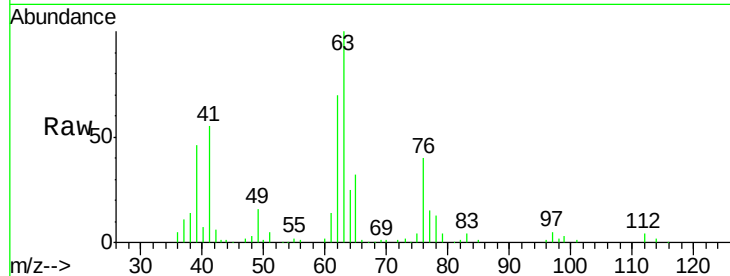




#45
 1,2-Dichloropropane
 Concen: 55.406 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

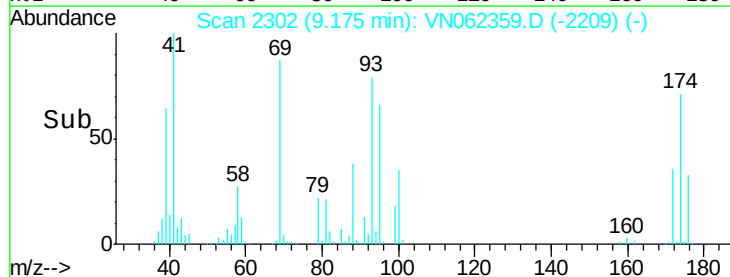
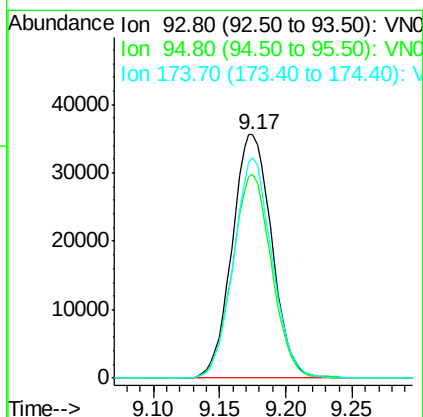
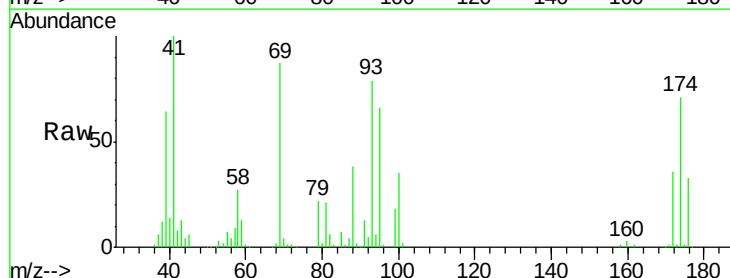
Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

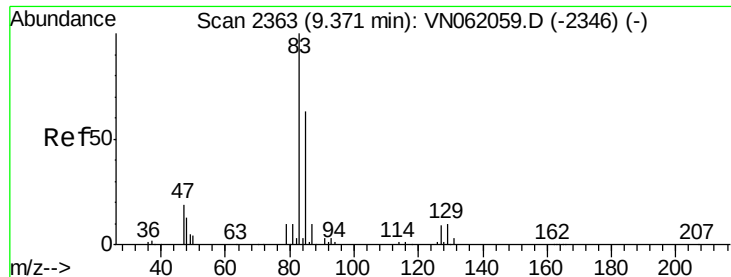
Tot Ion: 63 Resp: 117273
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.4



#46
 Dibromomethane
 Concen: 51.552 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion: 93 Resp: 73980
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.0 100.6
 174 87.5 74.4 111.6





#47

Bromodichloromethane

Concen: 53.978 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

33BR-20200625MSD

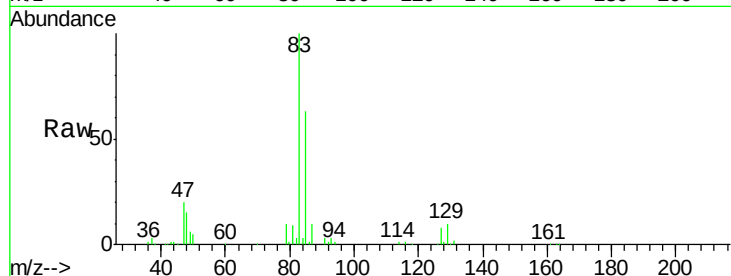
Tot Ion: 83 Resp: 156407

Ion Ratio Lower Upper

83 100

85 62.6 50.3 75.5

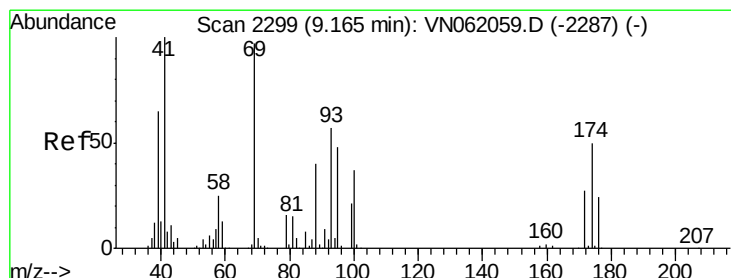
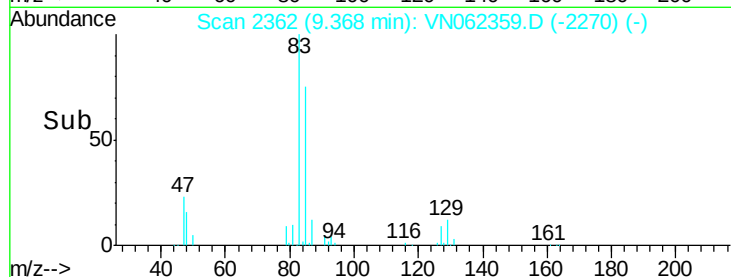
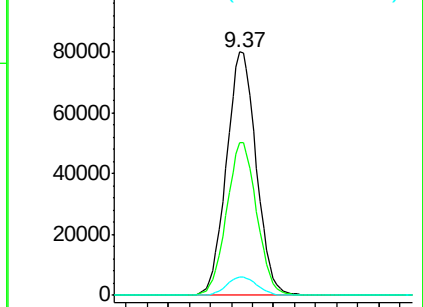
127 7.8 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062359.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062359.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062359.D (-2270) (-)



#48

Methyl methacrylate

Concen: 64.254 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

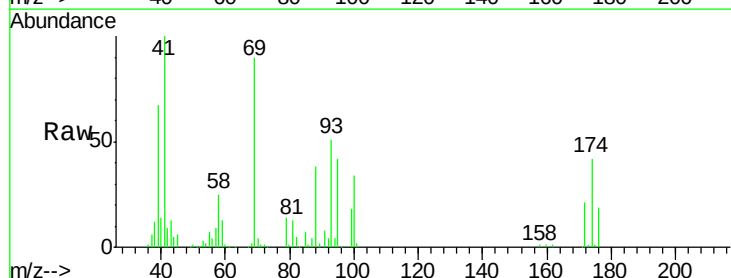
Tgt Ion: 41 Resp: 109466

Ion Ratio Lower Upper

41 100

69 89.6 80.7 121.1

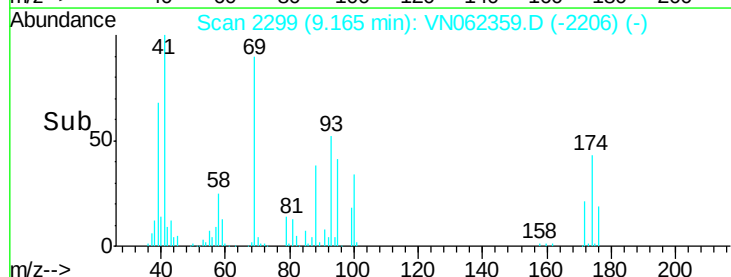
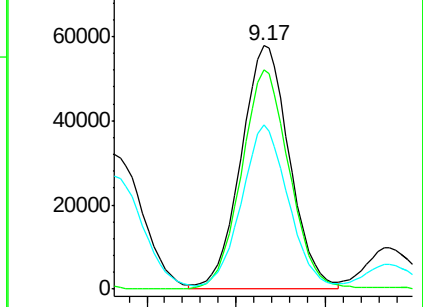
39 66.0 54.5 81.7

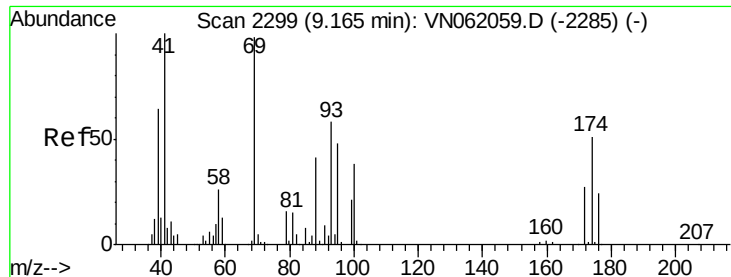


Abundance Ion 41.00 (40.70 to 41.70): VN062359.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062359.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062359.D (-2206) (-)





#49

1,4-Dioxane

Concen: 1203.635 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

33BR-20200625MSD

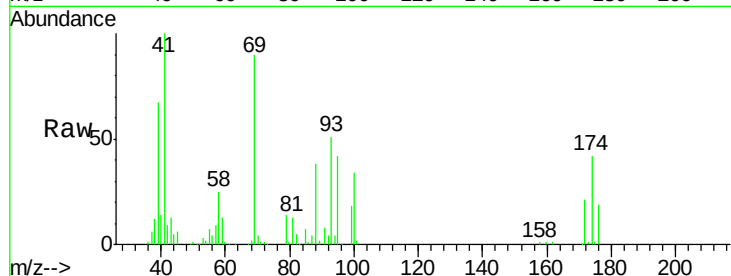
Tot Ion: 88 Resp: 45474

Ion Ratio Lower Upper

88 100

43 32.7 22.0 33.0

58 66.8 49.2 73.8

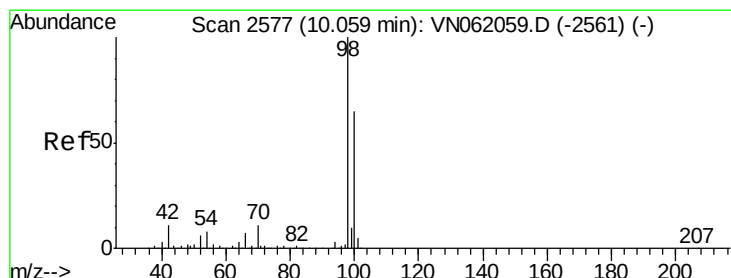
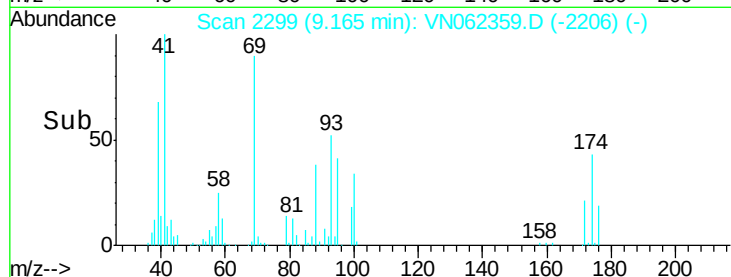
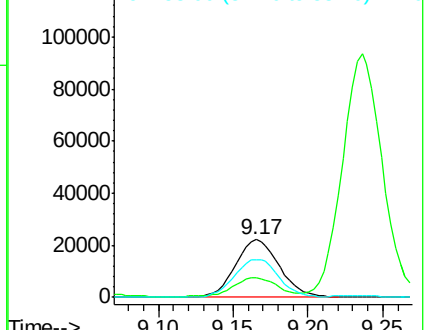


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.880 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062359.D

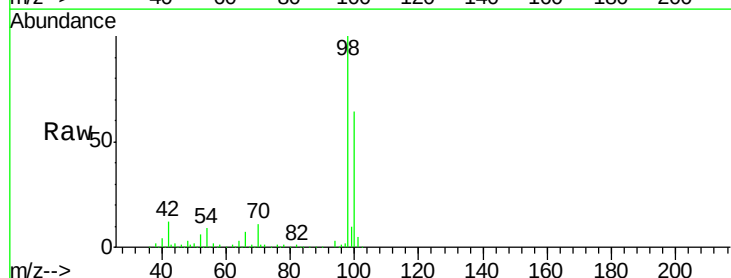
Acq: 3 Jul 2020 1:45

Tgt Ion: 98 Resp: 358218

Ion Ratio Lower Upper

98 100

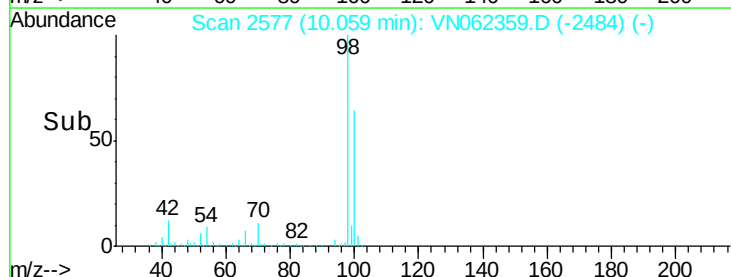
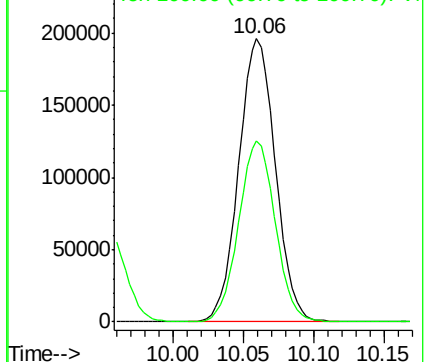
100 63.7 51.2 76.8

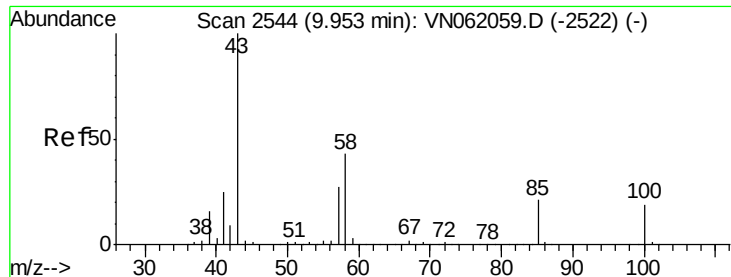


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 317.987 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

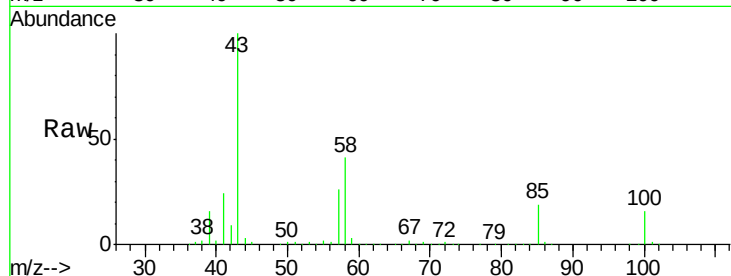
33BR-20200625MSD

Tot Ion: 43 Resp: 705921

Ion Ratio Lower Upper

43 100

58 41.0 34.2 51.2



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

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

9.95

400000

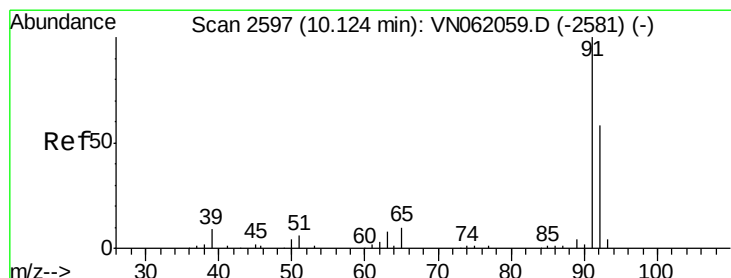
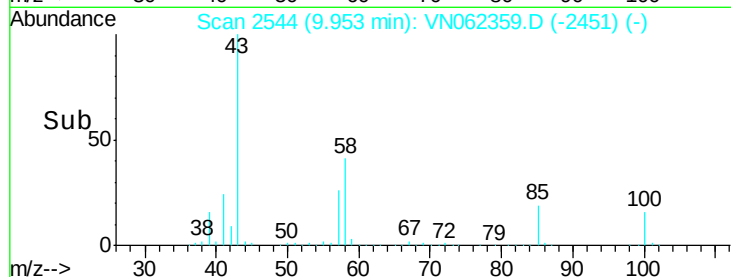
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.606 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062359.D

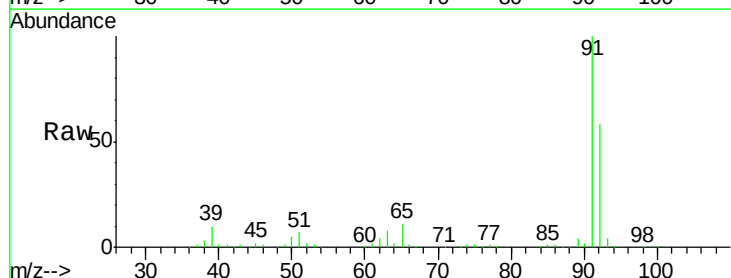
Acq: 3 Jul 2020 1:45

Tgt Ion: 92 Resp: 275383

Ion Ratio Lower Upper

92 100

91 173.0 137.4 206.0



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

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

10.12

300000

250000

200000

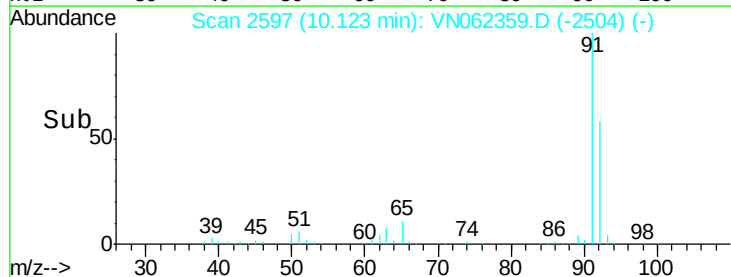
150000

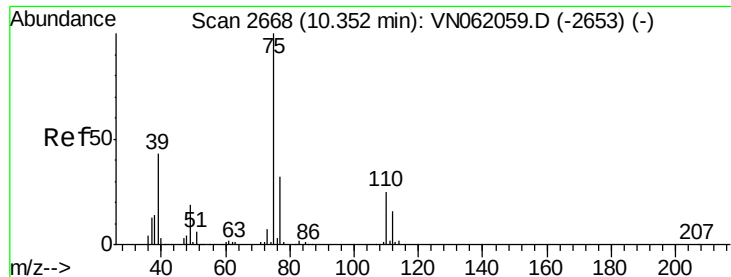
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.297 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

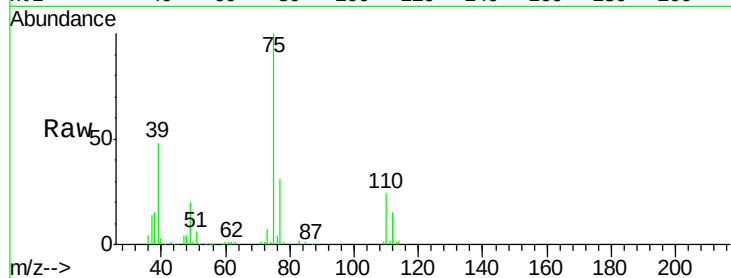
33BR-20200625MSD

Tot Ion: 75 Resp: 169904

Ion Ratio Lower Upper

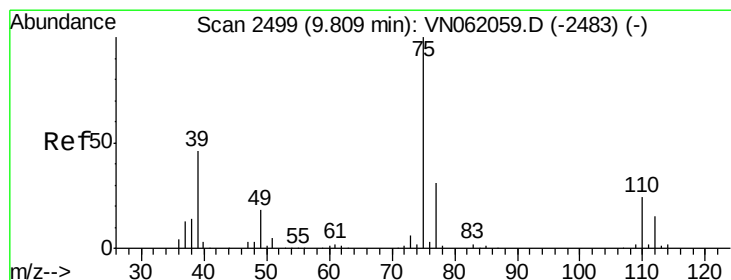
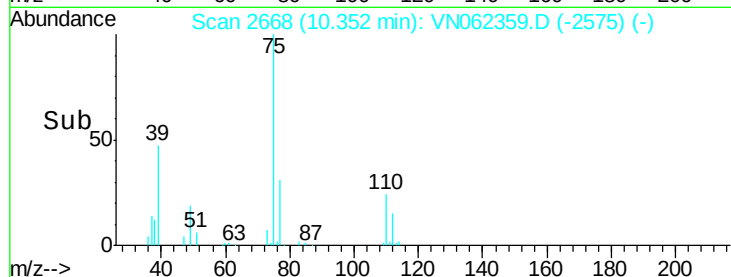
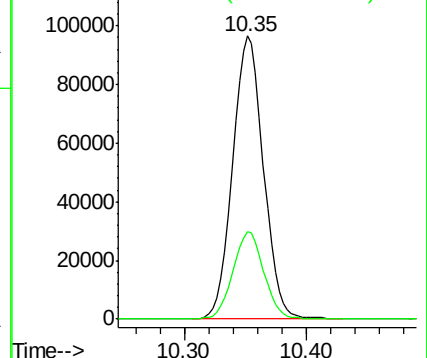
75 100

77 30.9 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 52.143 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

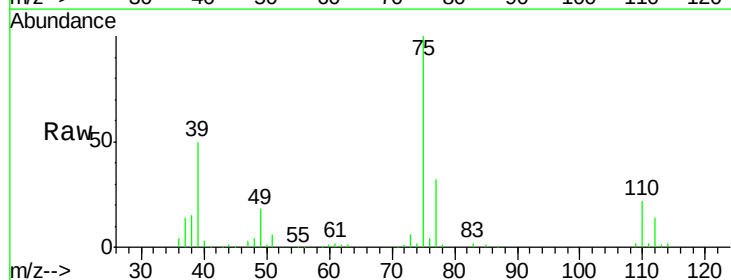
Tgt Ion: 75 Resp: 176971

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

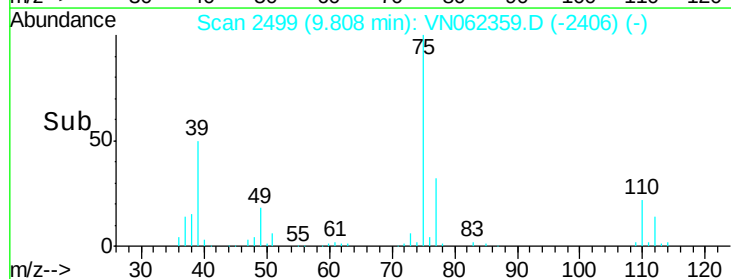
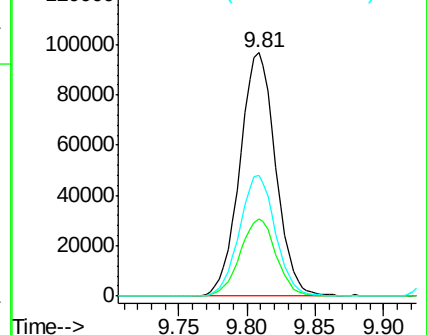
39 49.6 36.9 55.3

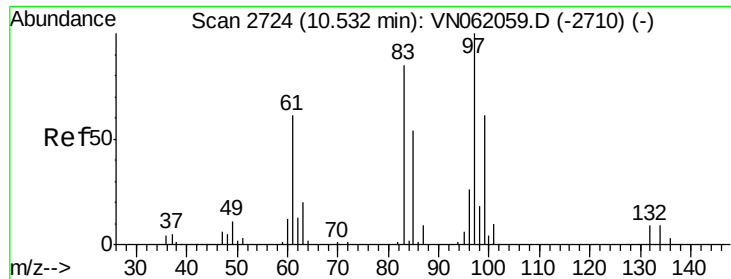


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

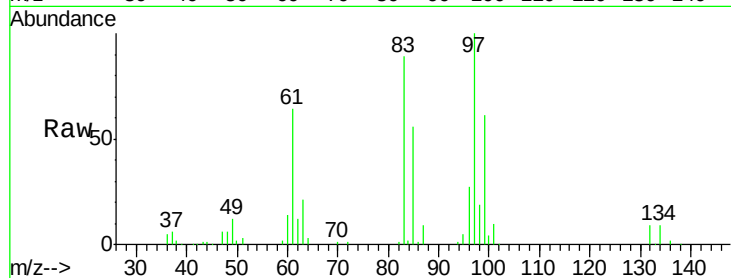




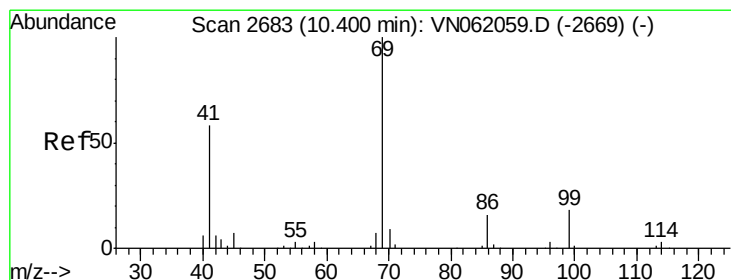
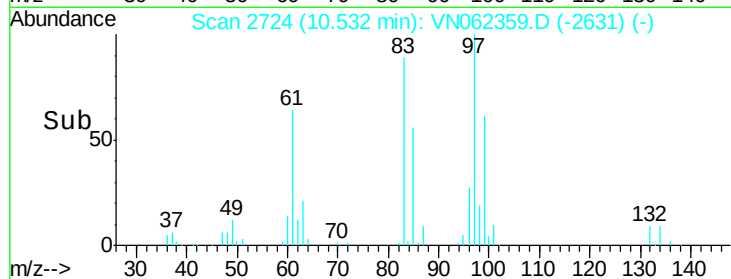
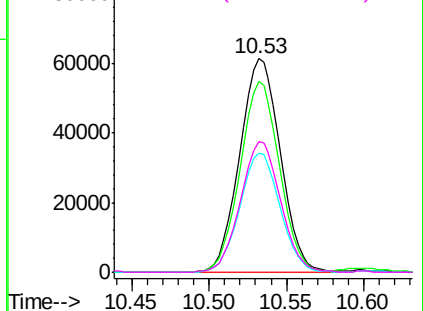
#55
 1,1,2-Trichloroethane
 Concen: 54.593 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

Tot Ion:	97	Resp:	112339
Ion	Ratio	Lower	Upper
97	100		
83	89.3	68.2	102.2
85	55.9	43.2	64.8
99	60.9	48.5	72.7

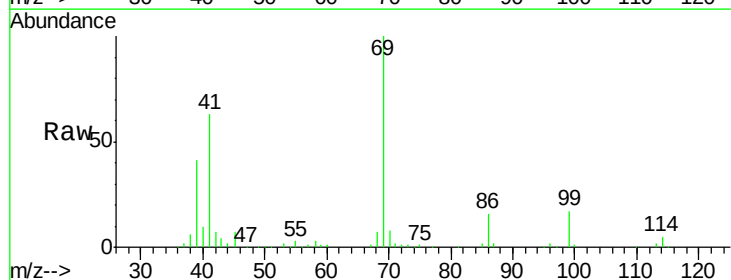


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

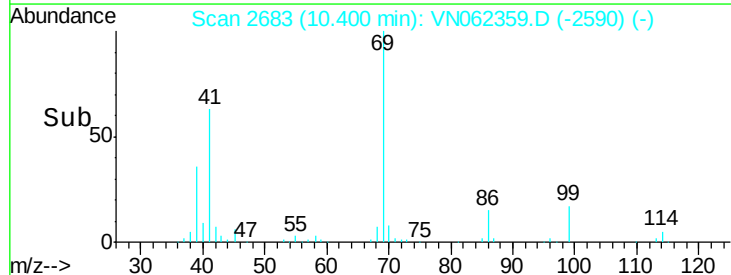
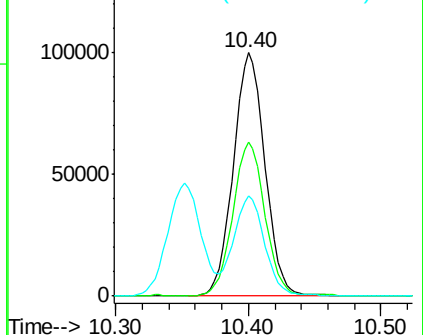


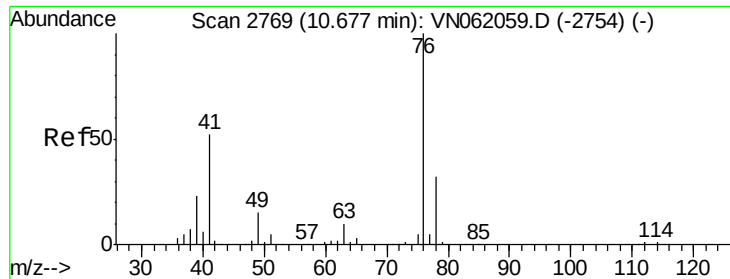
#56
 Ethyl methacrylate
 Concen: 60.190 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion:	69	Resp:	165290
Ion	Ratio	Lower	Upper
69	100		
41	63.4	46.6	70.0
39	39.7	31.0	46.4



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

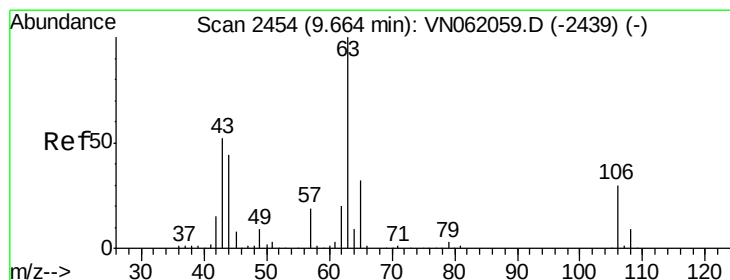
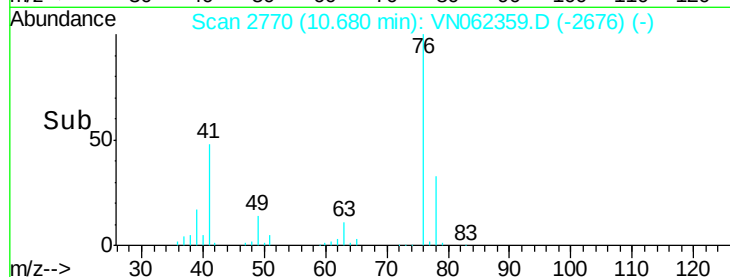
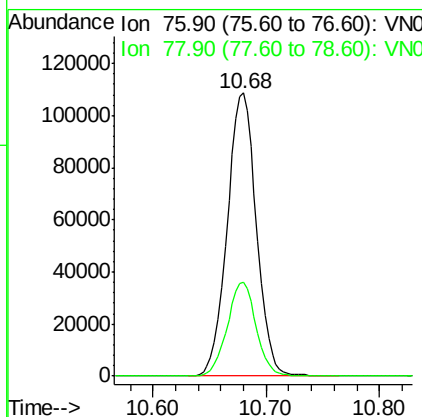
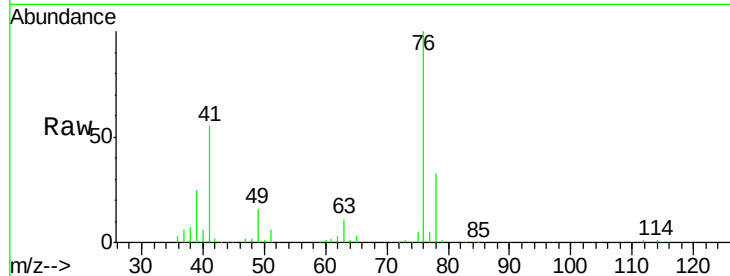




#57
 1,3-Dichloropropane
 Concen: 54.819 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

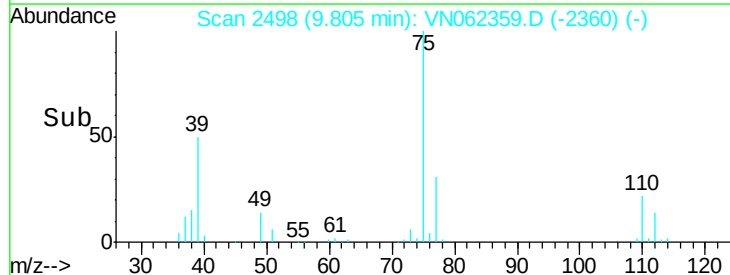
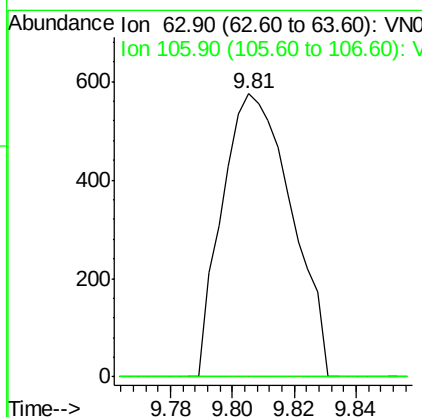
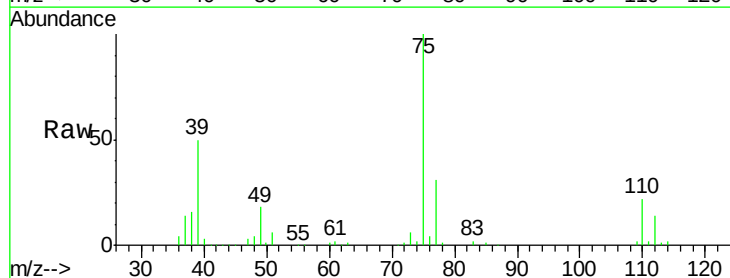
Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

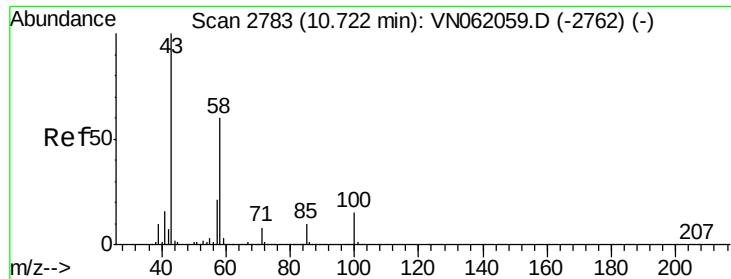
Tot Ion: 76 Resp: 194164
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 16.818 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. 0.14 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion: 63 Resp: 894
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.2 34.8#

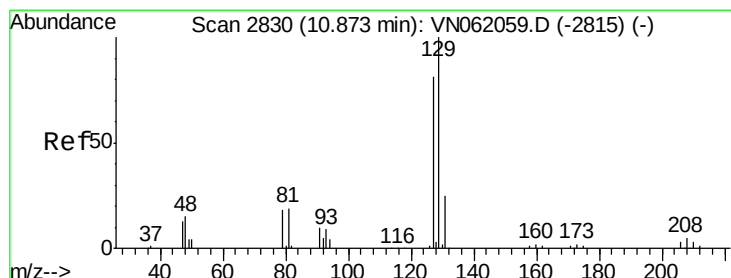
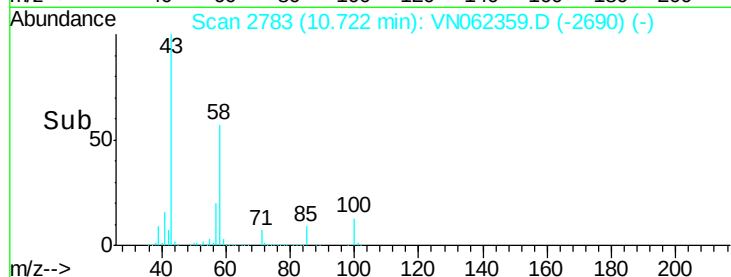
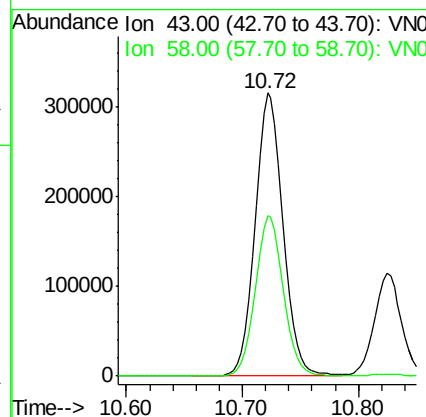
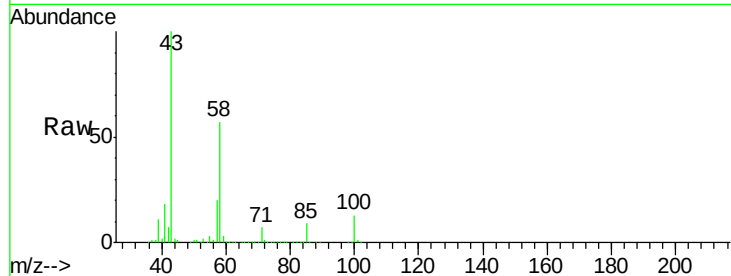




#59
2-Hexanone
Concen: 329.926 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

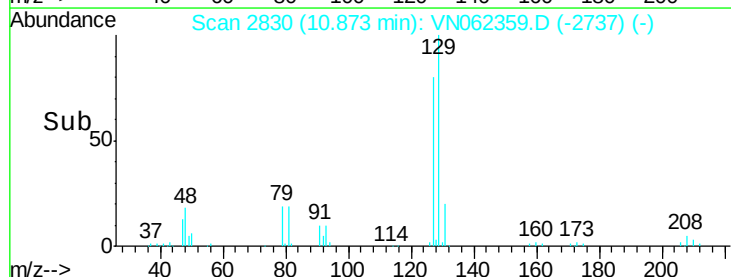
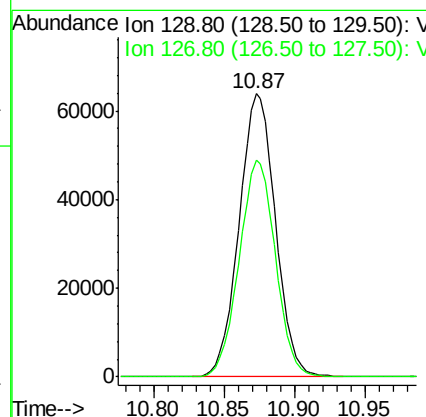
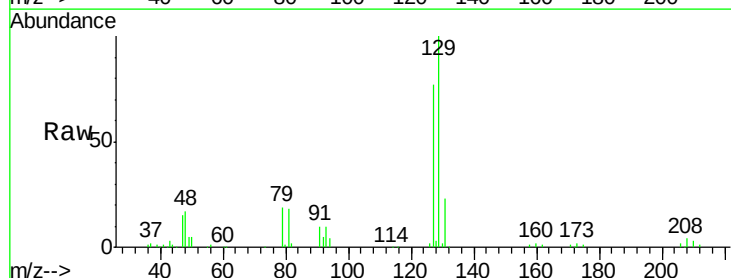
Instrument :
MSVOA_N
ClientSampleId :
33BR-20200625MSD

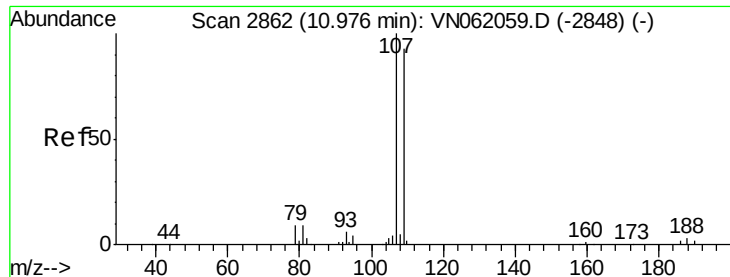
Tot Ion: 43 Resp: 528882
Ion Ratio Lower Upper
43 100
58 57.1 29.5 88.5



#60
Dibromochloromethane
Concen: 52.968 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

Tgt Ion: 129 Resp: 115394
Ion Ratio Lower Upper
129 100
127 76.3 39.5 118.5

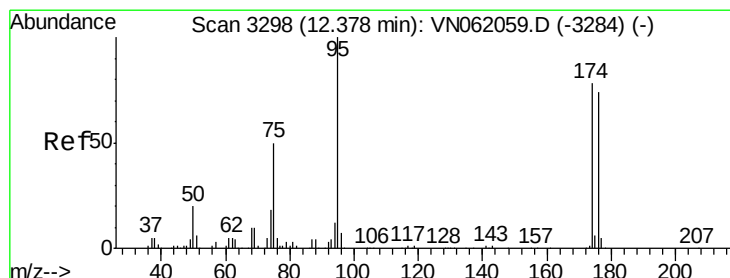
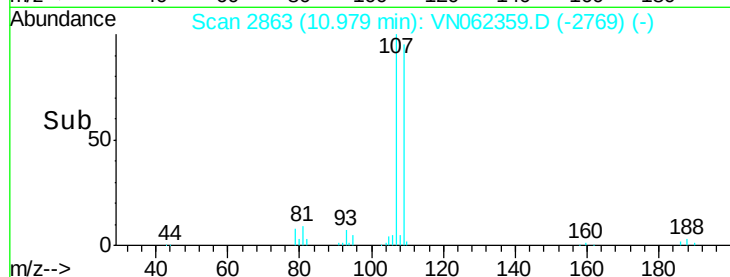
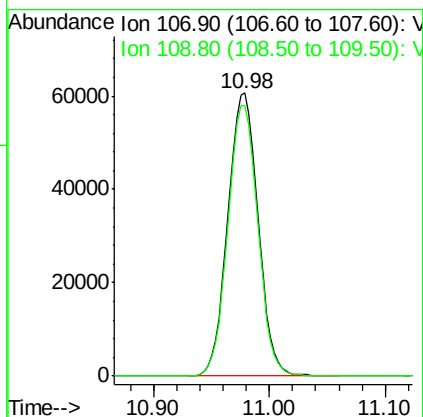
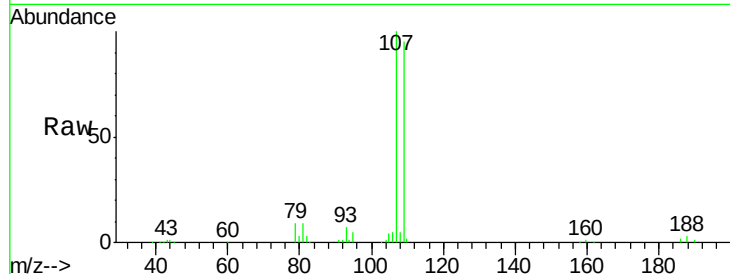




#61
 1,2-Dibromoethane
 Concen: 51.672 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

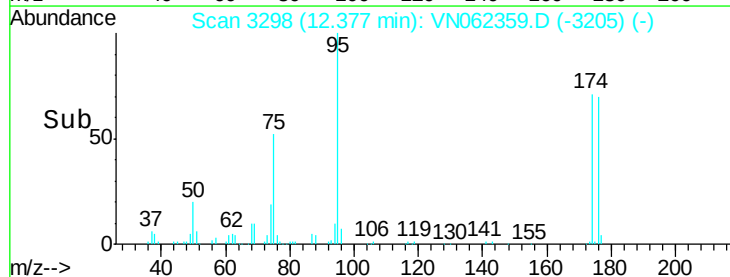
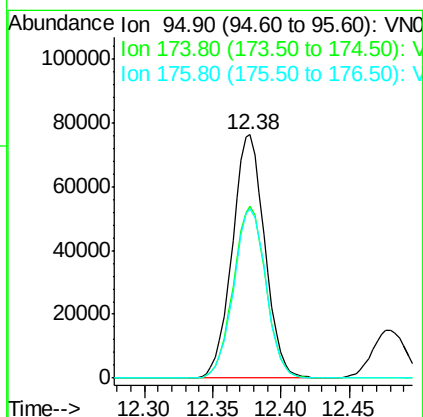
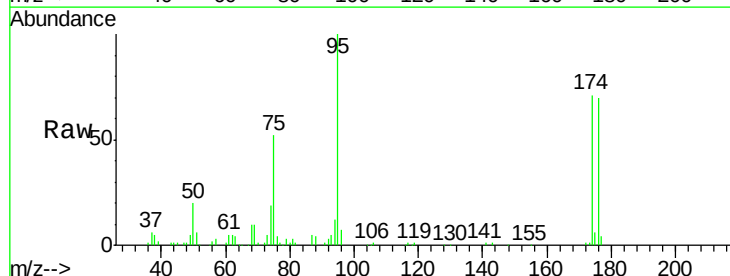
Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

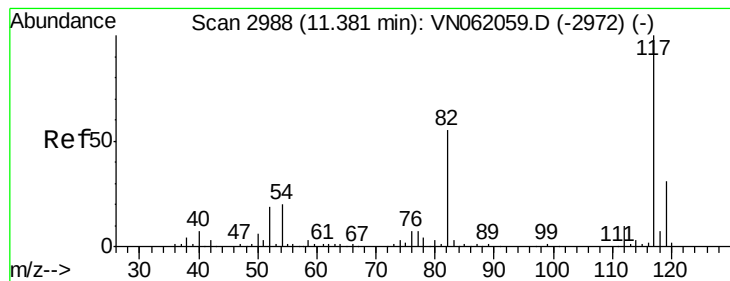
Tot Ion:107 Resp: 109254
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 52.022 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion: 95 Resp: 126225
 Ion Ratio Lower Upper
 95 100
 174 70.6 0.0 154.8
 176 69.1 0.0 147.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

33BR-20200625MSD

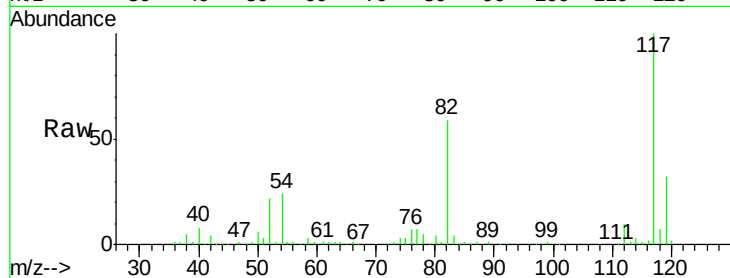
Tot Ion:117 Resp: 265540

Ion Ratio Lower Upper

117 100

82 59.1 43.8 65.8

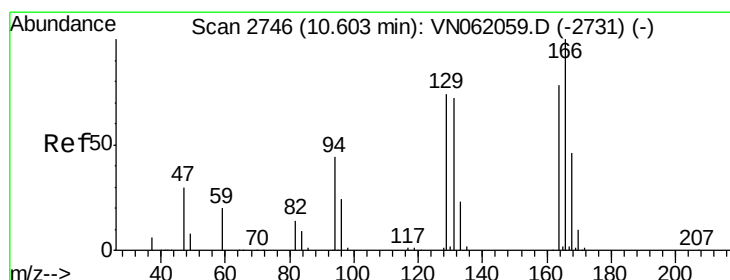
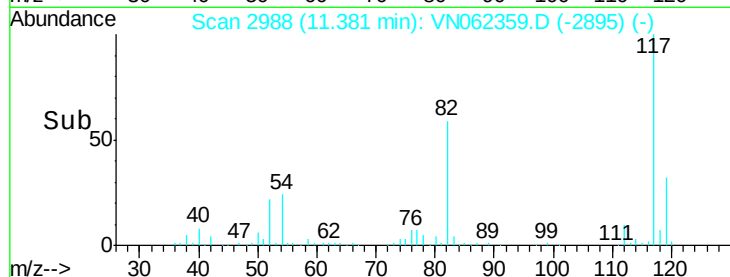
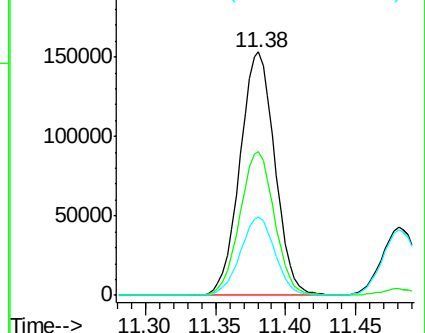
119 32.2 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 41.537 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Tgt Ion:164 Resp: 75344

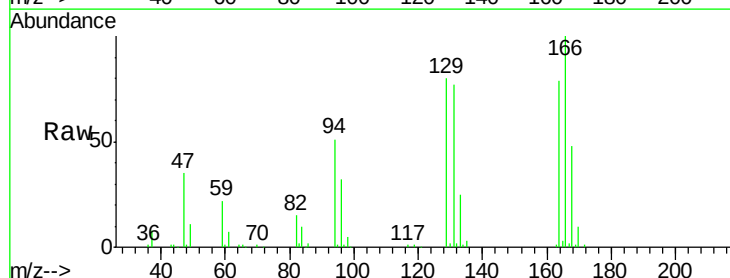
Ion Ratio Lower Upper

164 100

166 126.5 102.9 154.3

129 101.7 75.8 113.8

131 97.1 73.8 110.6

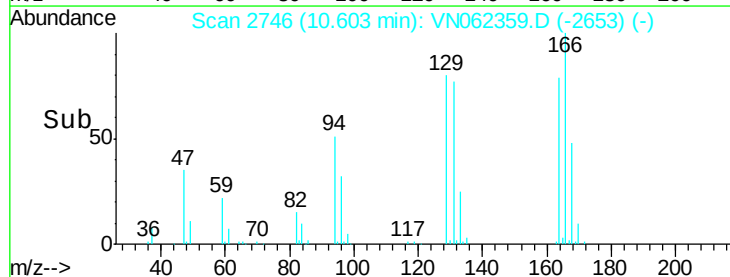
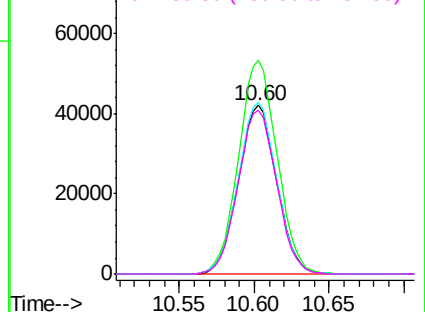


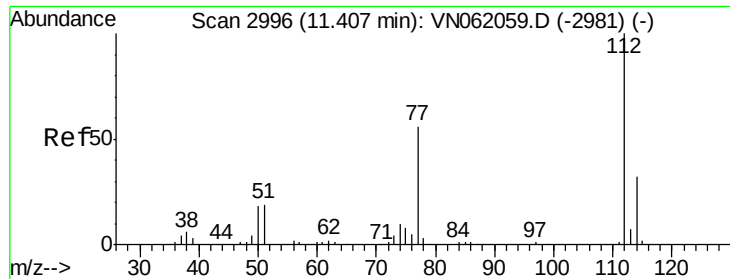
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

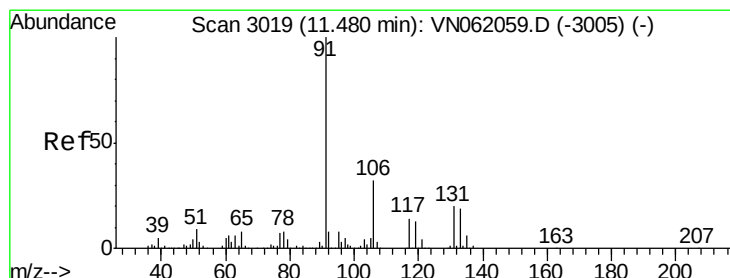
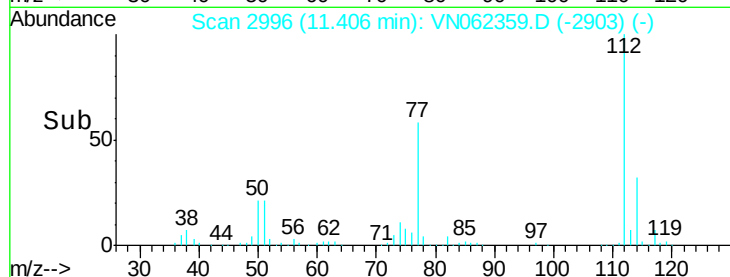
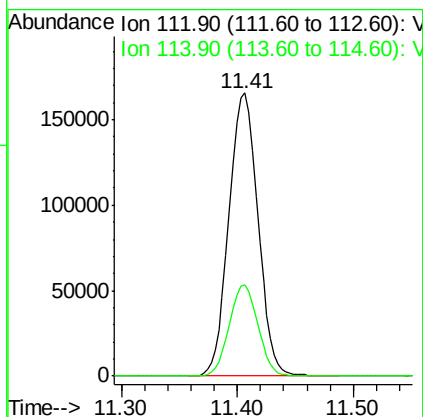
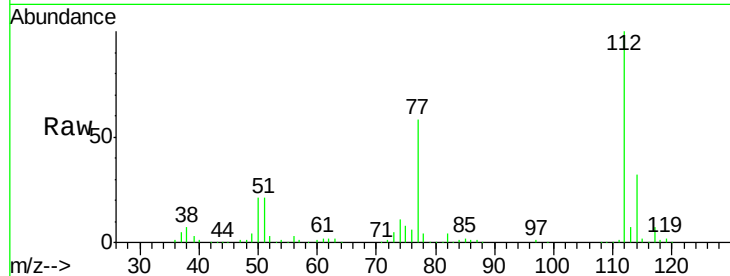




#65
Chlorobenzene
Concen: 49.274 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

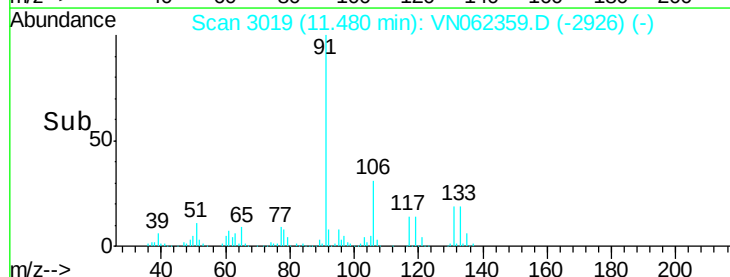
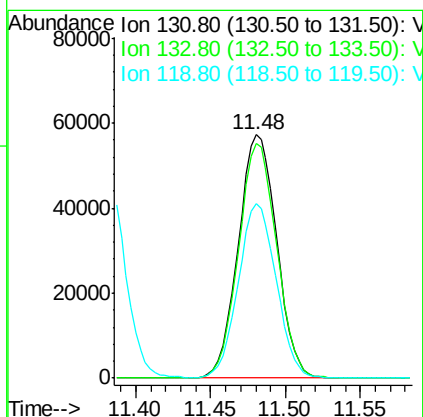
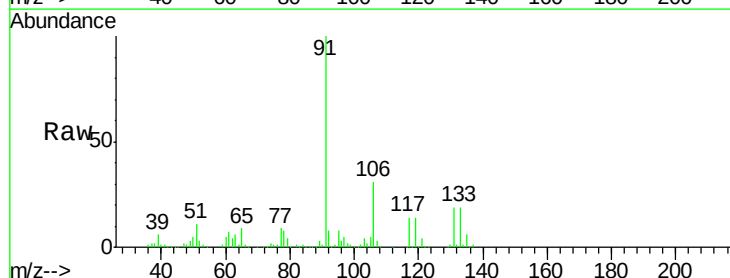
Instrument :
MSVOA_N
ClientSampleId :
33BR-20200625MSD

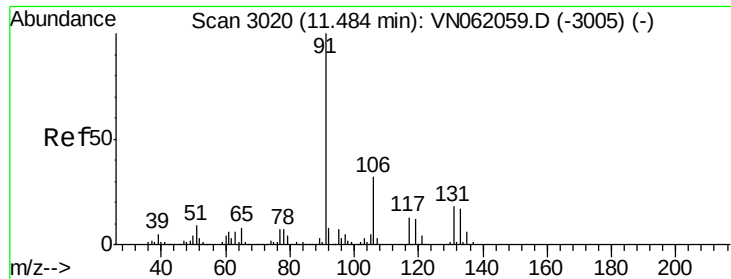
Tot Ion:112 Resp: 287334
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.779 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

Tgt Ion:131 Resp: 102392
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 70.8 34.4 103.3

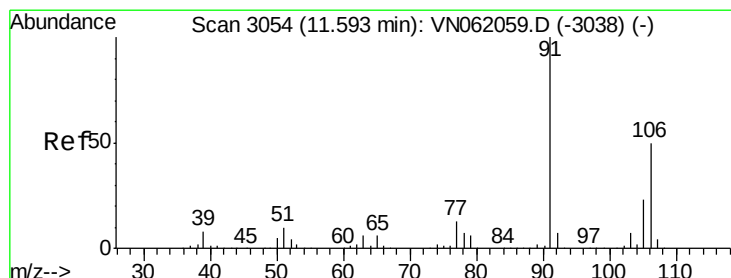
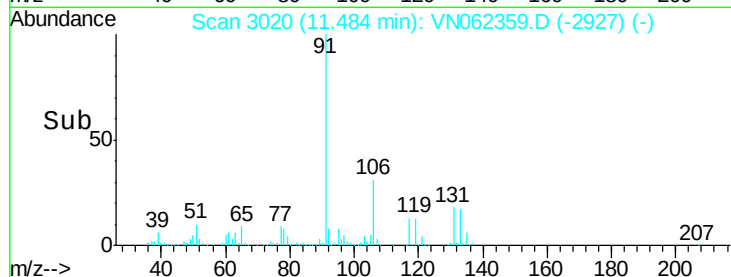
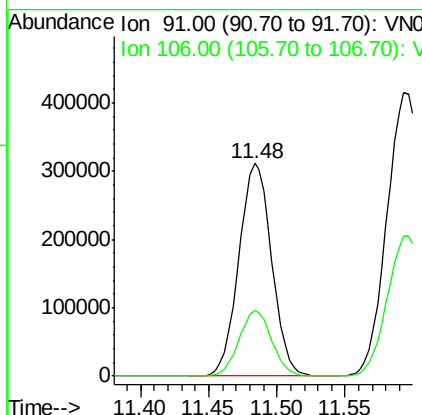
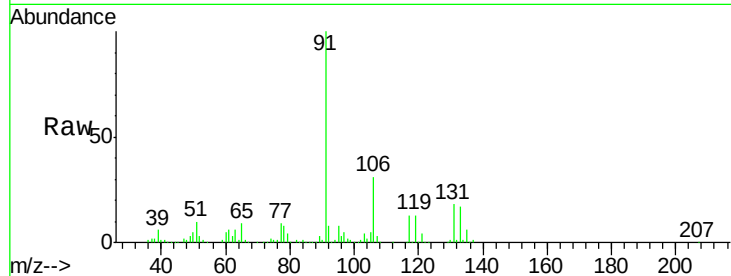




#67
Ethyl Benzene
Concen: 52.799 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

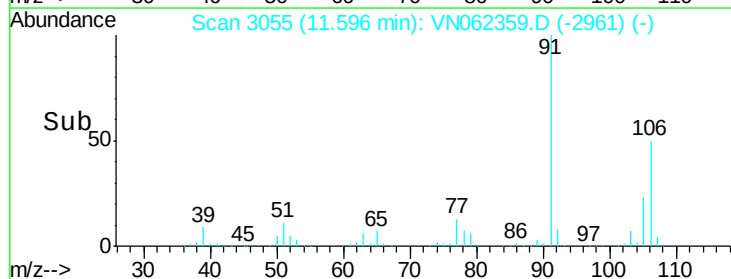
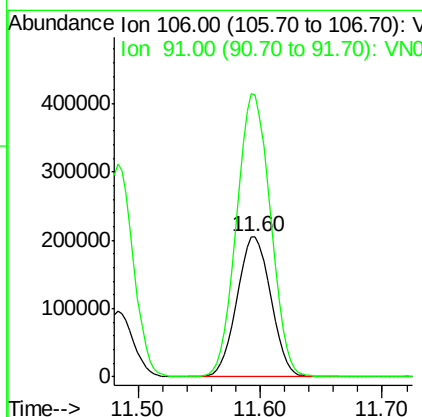
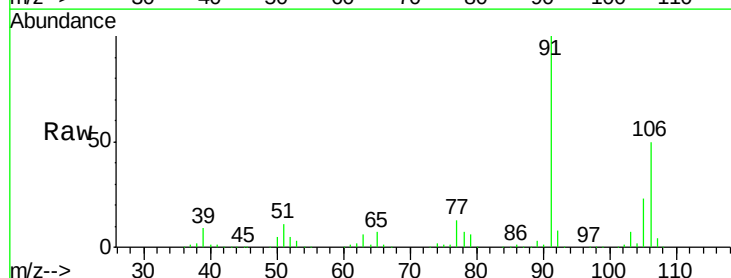
Instrument :
MSVOA_N
ClientSampleId :
33BR-20200625MSD

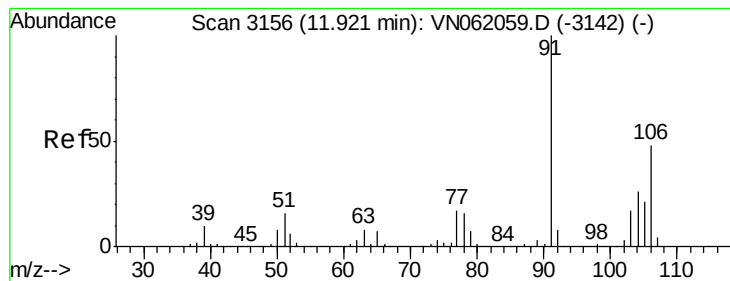
Tot Ion: 91 Resp: 519979
Ion Ratio Lower Upper
91 100
106 30.7 25.3 37.9



#68
m/p-Xylenes
Concen: 103.431 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

Tgt Ion: 106 Resp: 393988
Ion Ratio Lower Upper
106 100
91 201.9 157.8 236.8





#69

o-Xylene

Concen: 52.628 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

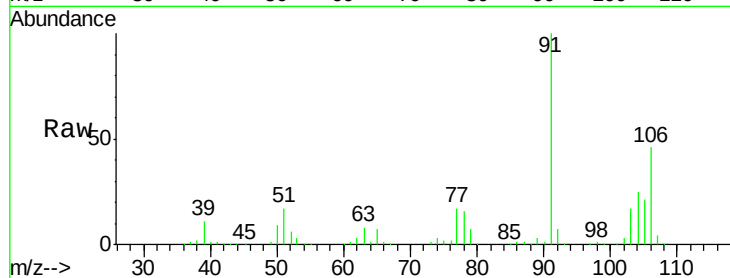
33BR-20200625MSD

Tot Ion:106 Resp: 189145

Ion Ratio Lower Upper

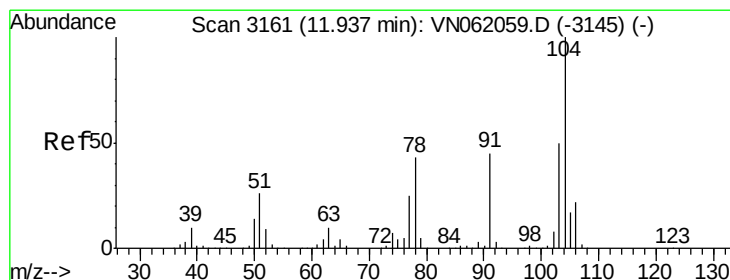
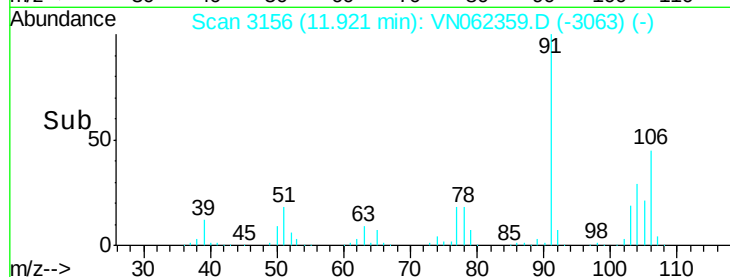
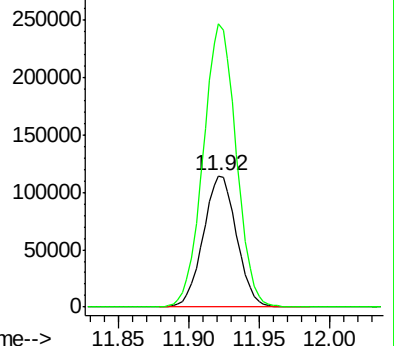
106 100

91 214.2 104.0 311.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

Styrene

Concen: 54.374 ug/l

RT: 11.94 min Scan# 3161

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

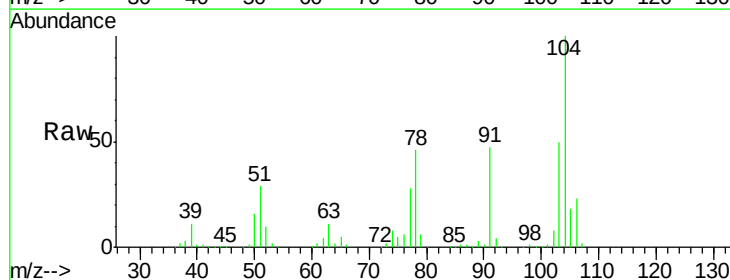
Tgt Ion:104 Resp: 325911

Ion Ratio Lower Upper

104 100

78 49.1 37.7 56.5

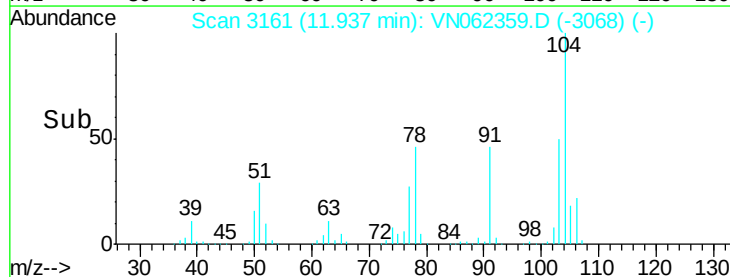
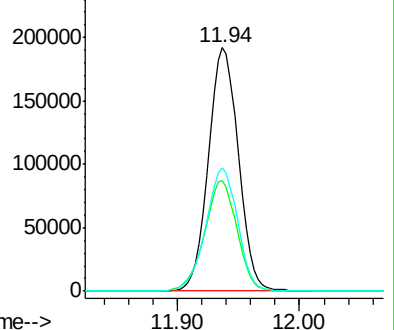
103 53.9 43.0 64.6

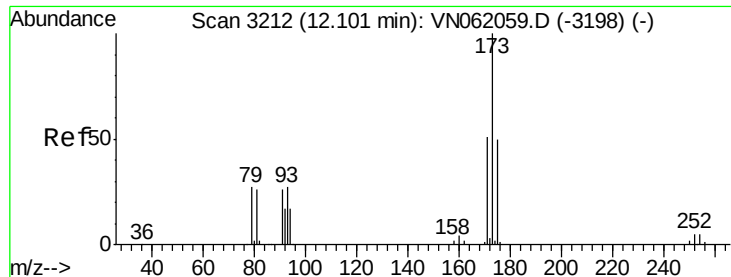


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.178 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

33BR-20200625MSD

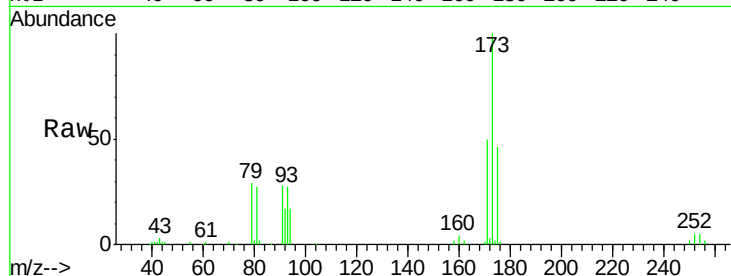
Tot Ion:173 Resp: 74806

Ion Ratio Lower Upper

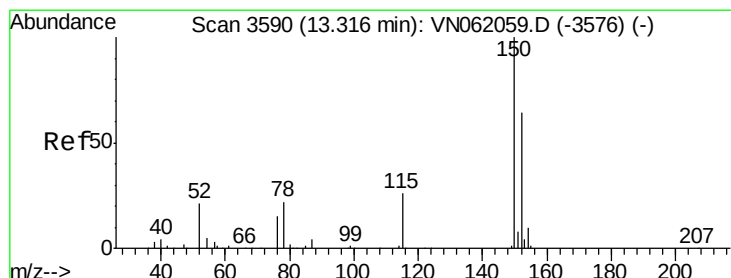
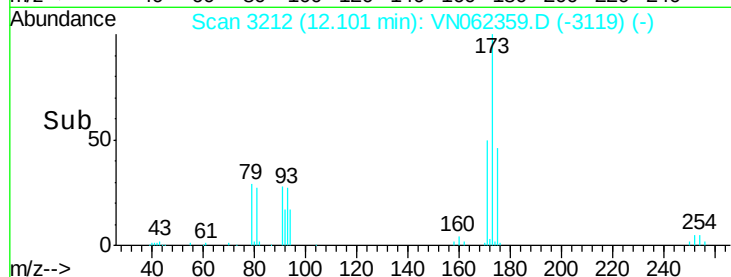
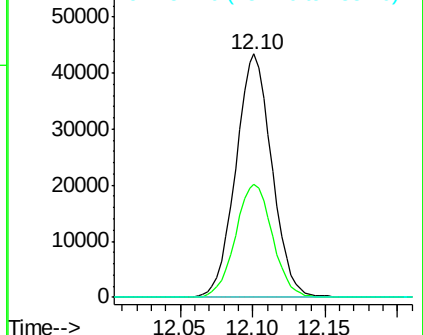
173 100

175 47.5 24.7 74.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

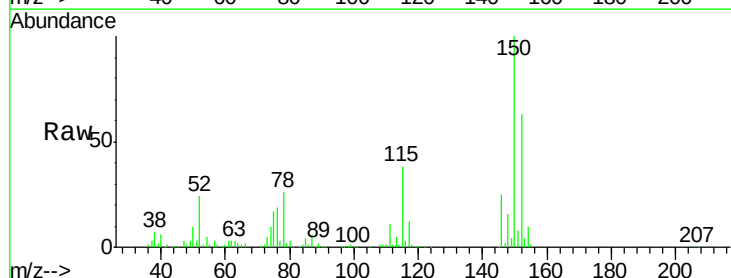
Tgt Ion:152 Resp: 127804

Ion Ratio Lower Upper

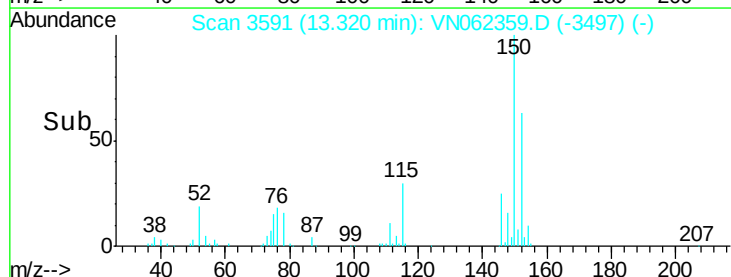
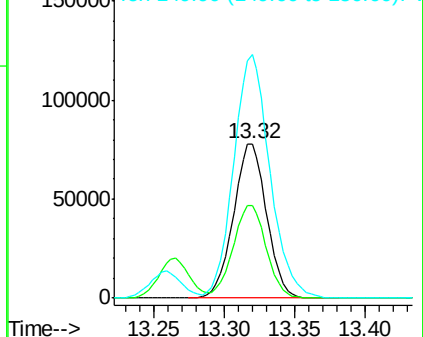
152 100

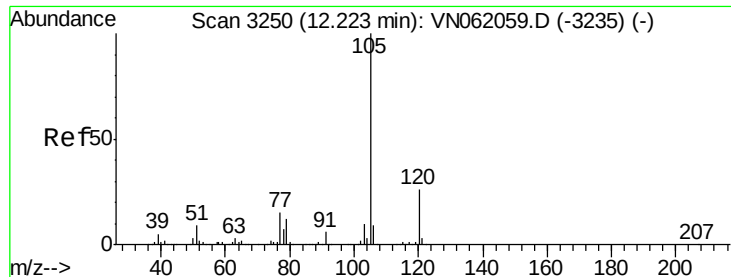
115 60.4 29.5 88.5

150 173.5 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: 51.060 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

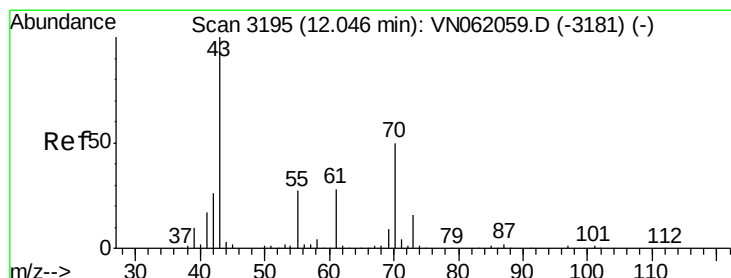
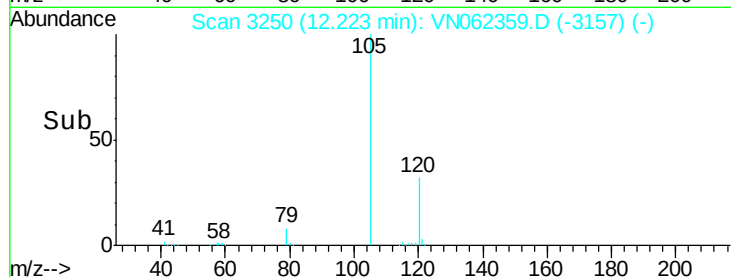
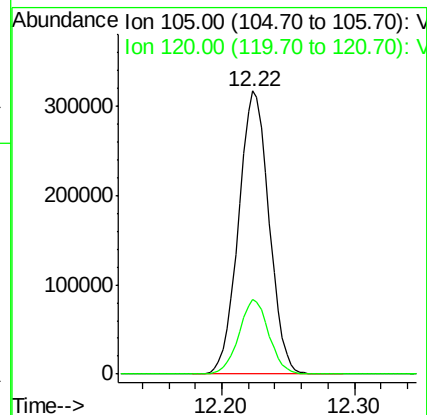
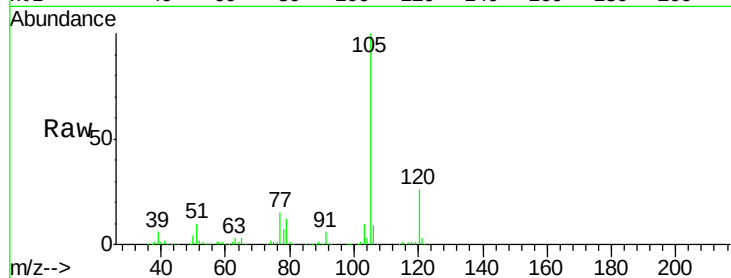
33BR-20200625MSD

Tot Ion:105 Resp: 505143

Ion Ratio Lower Upper

105 100

120 25.7 13.2 39.6



#74

N-ethyl acetate

Concen: 51.977 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Tgt Ion: 43 Resp: 189803

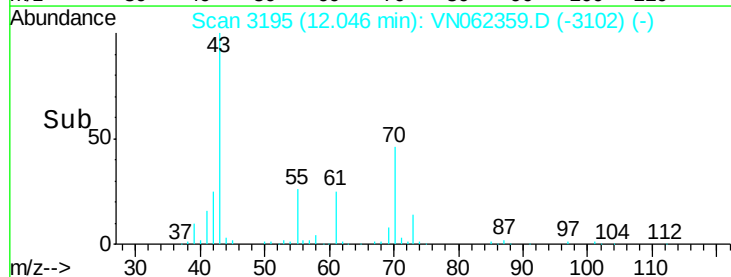
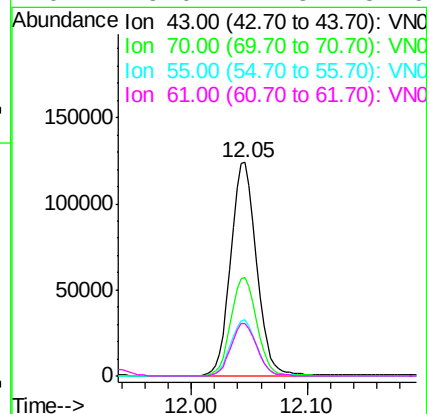
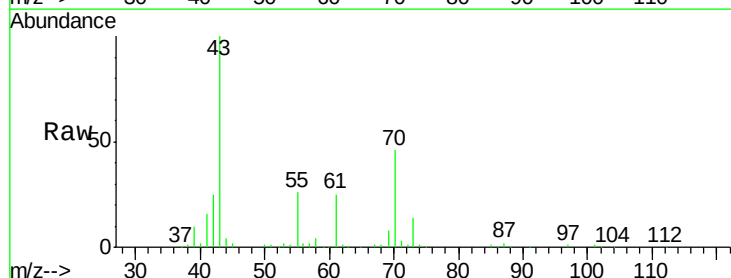
Ion Ratio Lower Upper

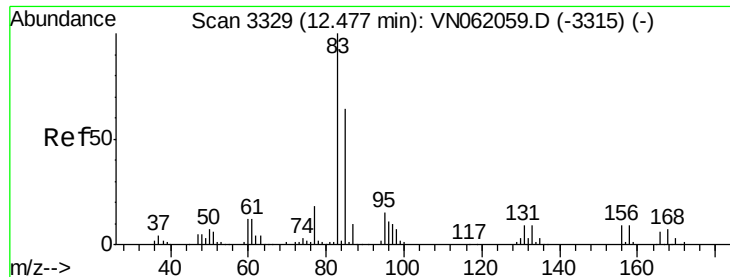
43 100

70 46.9 39.4 59.2

55 26.6 21.7 32.5

61 25.0 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.568 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

33BR-20200625MSD

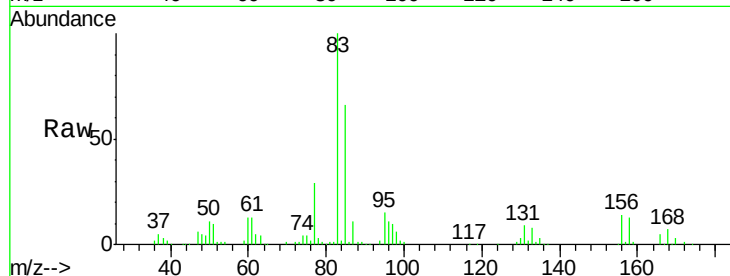
Tot Ion: 83 Resp: 173063

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.4

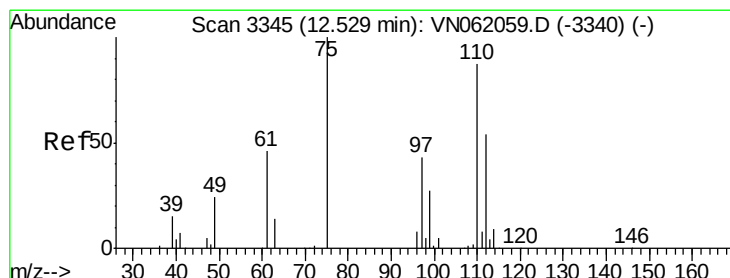
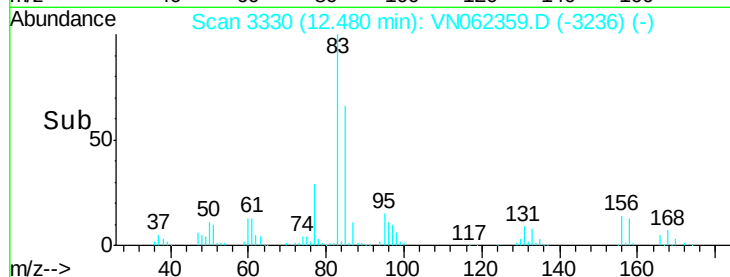
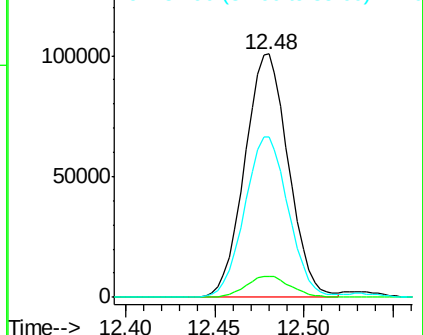
85 65.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 71.644 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062359.D

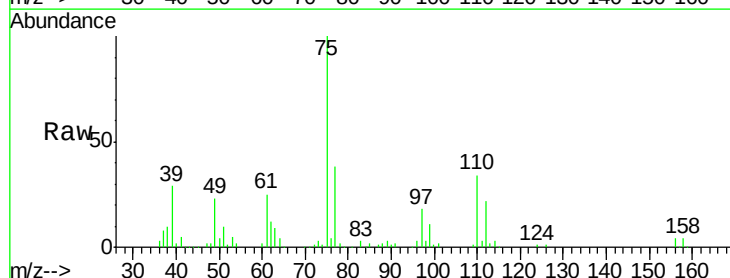
Acq: 3 Jul 2020 1:45

Tgt Ion: 75 Resp: 215548

Ion Ratio Lower Upper

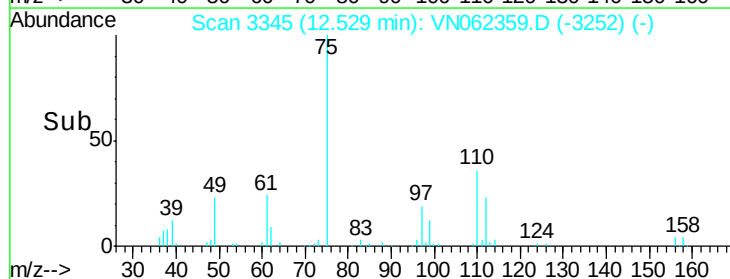
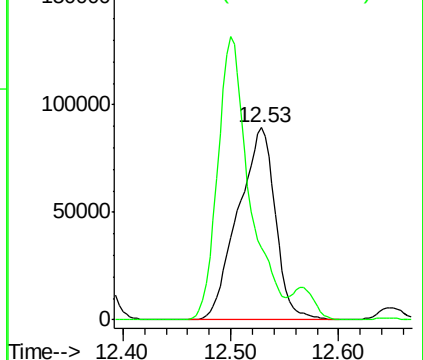
75 100

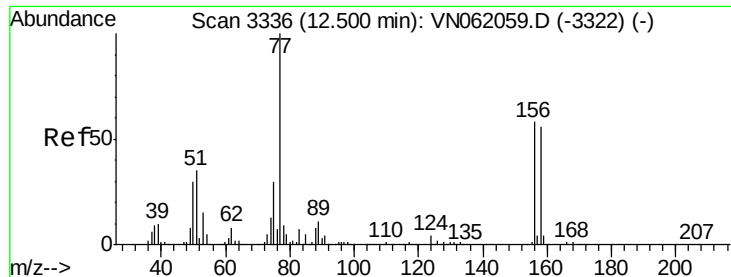
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 47.450 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

33BR-20200625MSD

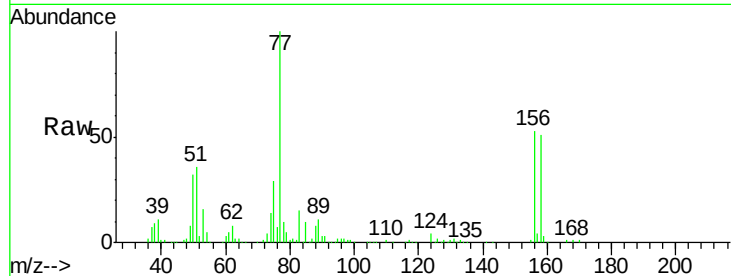
Tot Ion:156 Resp: 116544

Ion Ratio Lower Upper

156 100

77 231.7 104.6 313.8

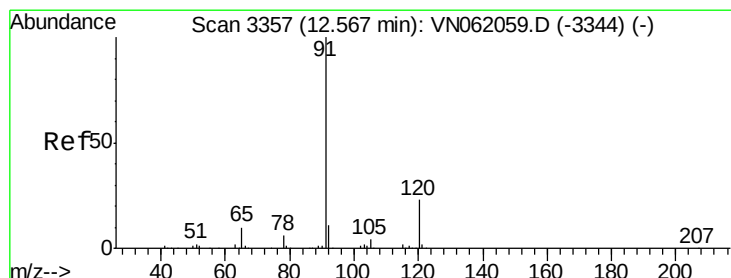
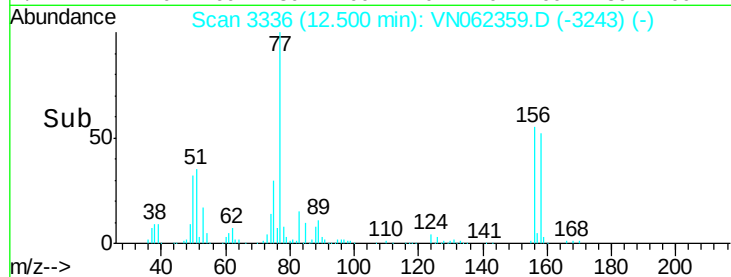
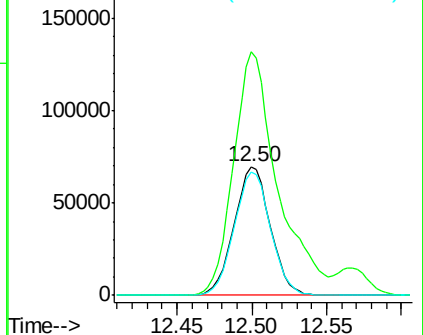
158 96.7 48.0 144.0



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: 52.331 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062359.D

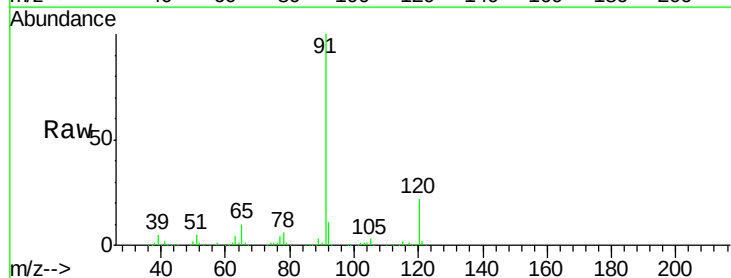
Acq: 3 Jul 2020 1:45

Tgt Ion: 91 Resp: 592184

Ion Ratio Lower Upper

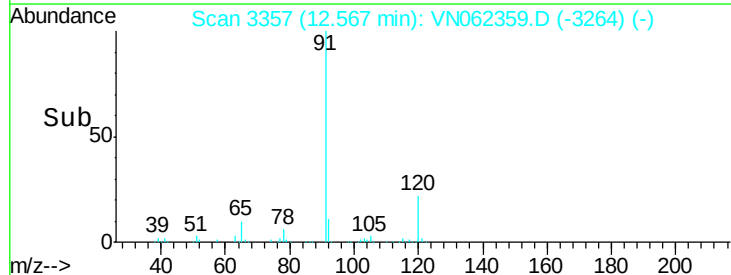
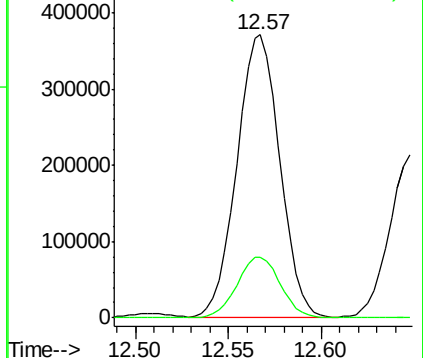
91 100

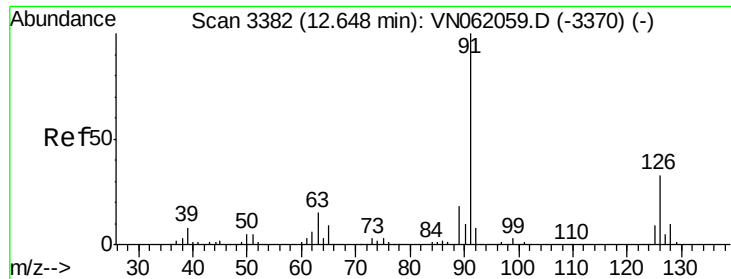
120 21.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

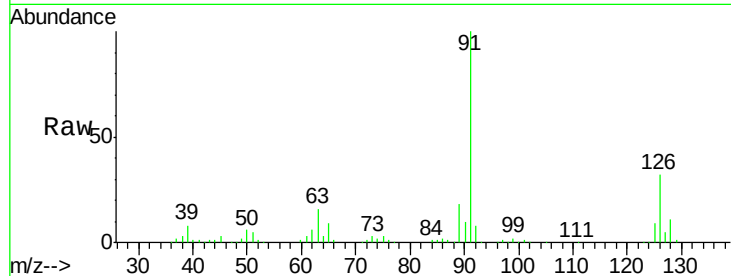




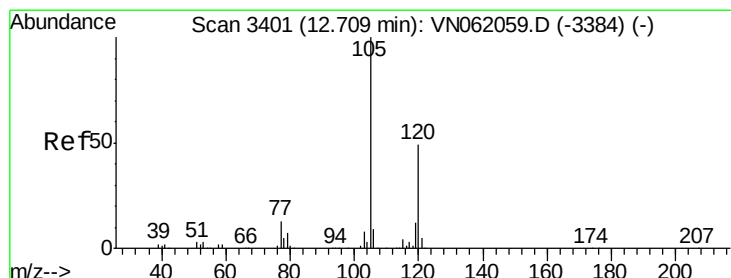
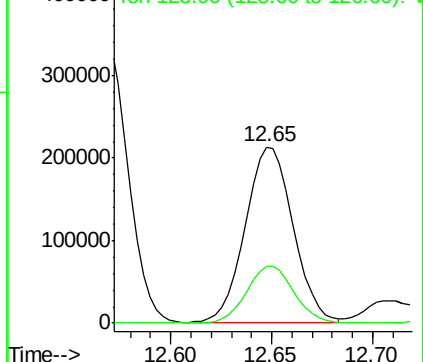
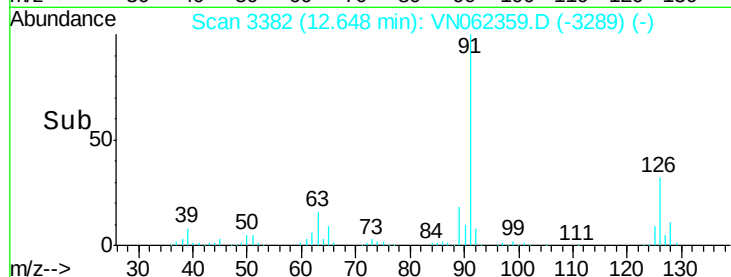
#79
 2-Chlorotoluene
 Concen: 51.512 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

Tot Ion: 91 Resp: 352404
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.9 50.7

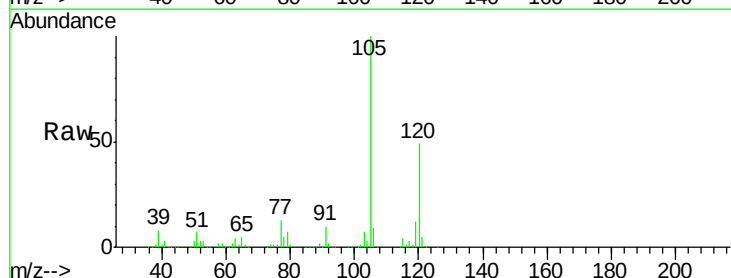


Abundance Ion 91.00 (90.70 to 91.70): VN062359.D (-3389) (-)
 Ion 125.90 (125.60 to 126.60): VN062359.D (-3389) (-)

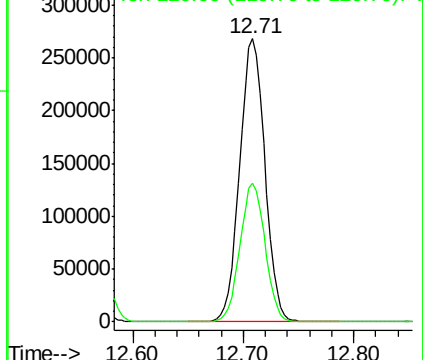
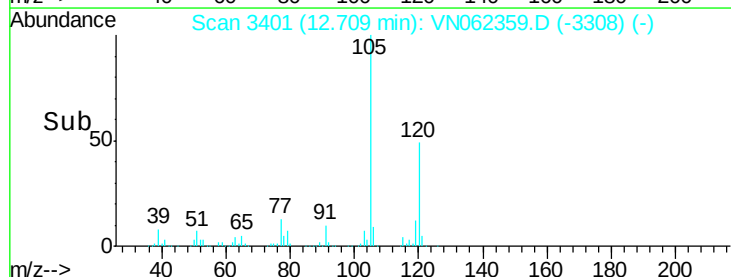


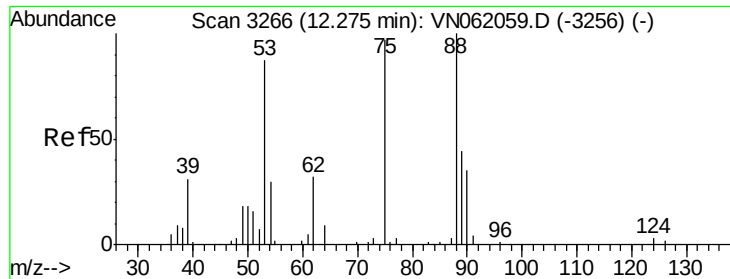
#80
 1,3,5-Trimethylbenzene
 Concen: 52.888 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion: 105 Resp: 424151
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062359.D (-3308) (-)
 Ion 120.00 (119.70 to 120.70): VN062359.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.379 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

33BR-20200625MSD

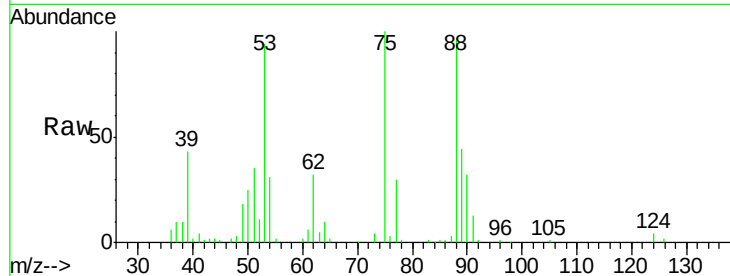
Tot Ion: 75 Resp: 54992

Ion Ratio Lower Upper

75 100

53 91.8 72.0 108.0

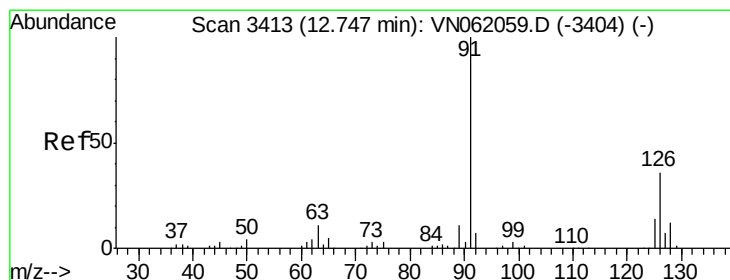
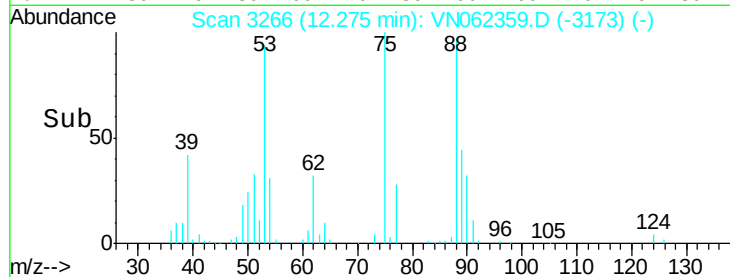
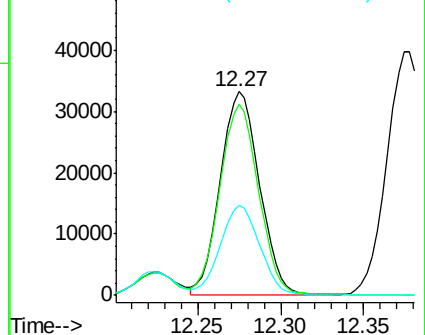
89 44.2 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 52.021 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062359.D

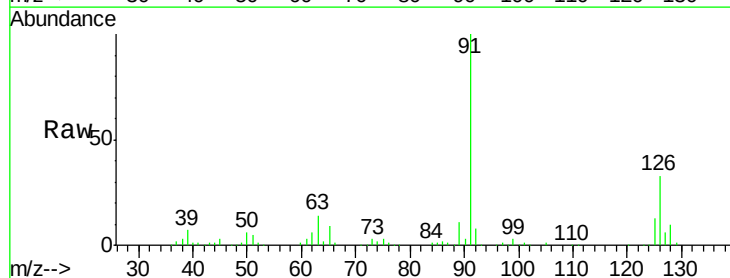
Acq: 3 Jul 2020 1:45

Tgt Ion: 91 Resp: 368019

Ion Ratio Lower Upper

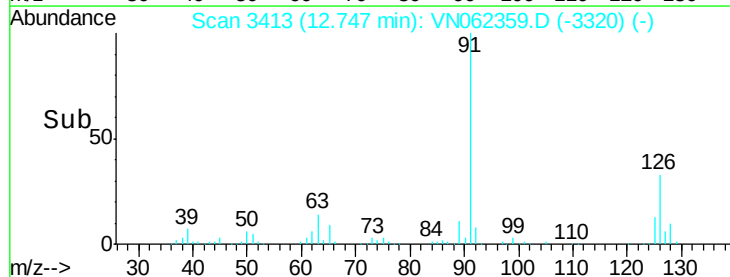
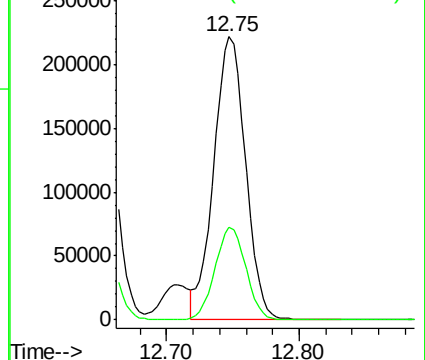
91 100

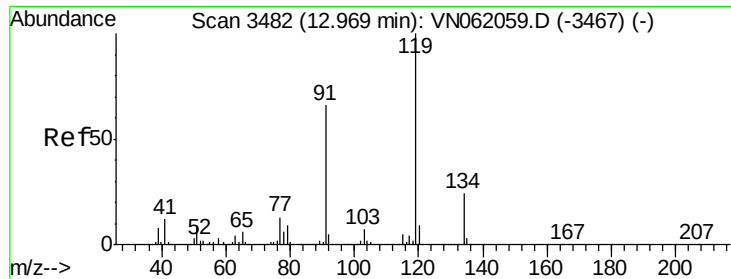
126 32.0 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

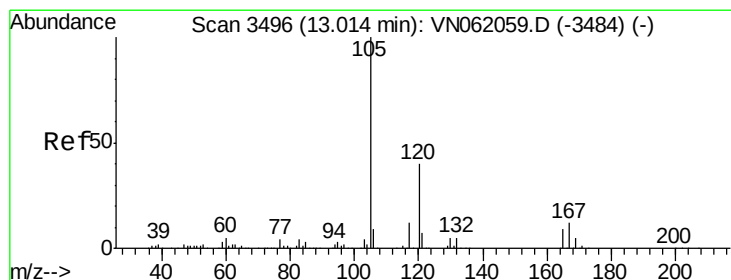
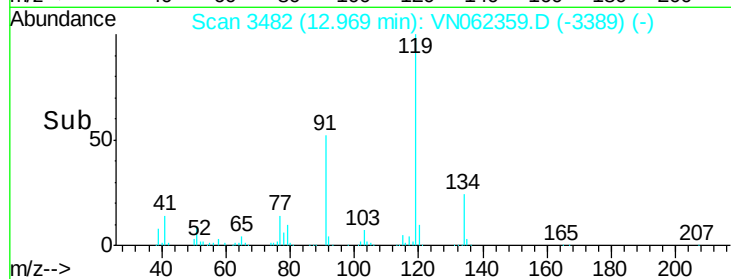
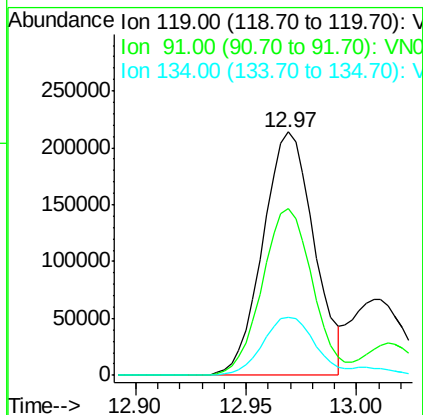
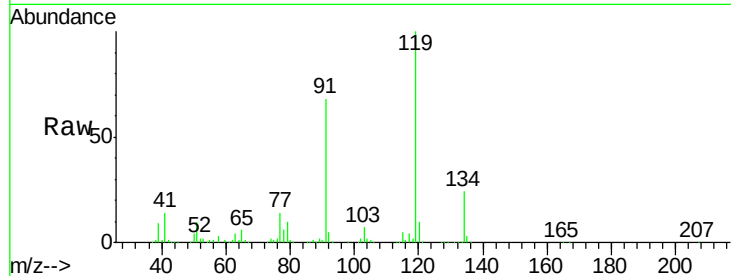




#83
 tert-Butylbenzene
 Concen: 49.976 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

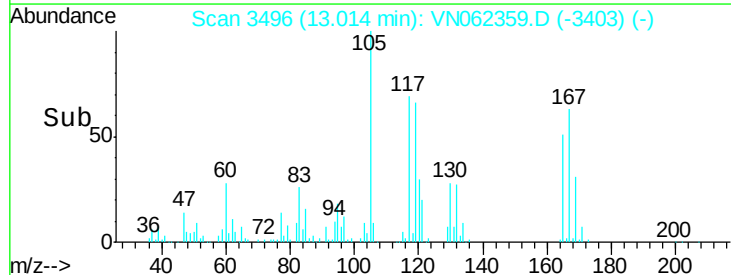
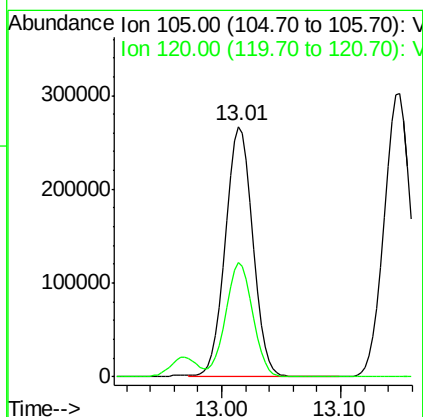
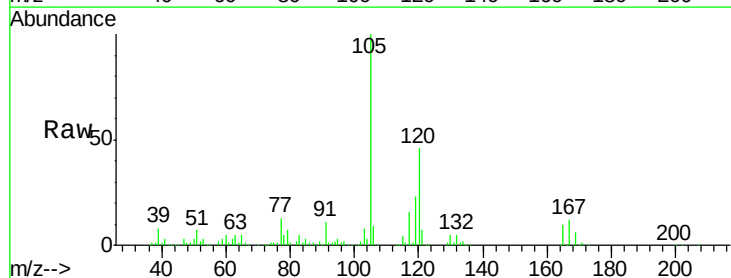
Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

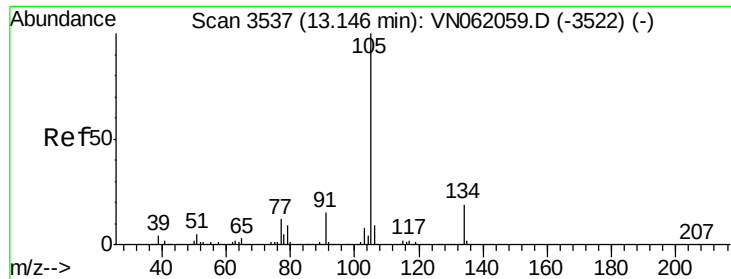
Tot Ion:119 Resp: 343004
 Ion Ratio Lower Upper
 119 100
 91 68.1 31.7 95.1
 134 24.7 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.053 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion:105 Resp: 424941
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.2 69.5





#85

sec-Butylbenzene

Concen: 52.603 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

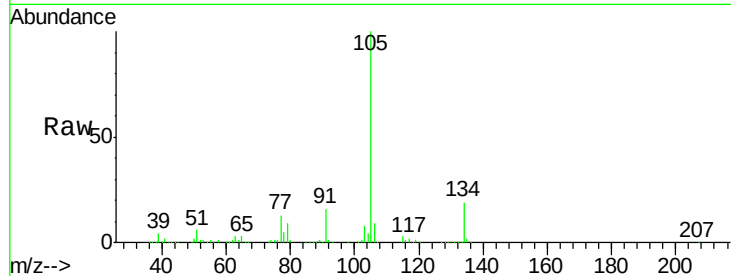
33BR-20200625MSD

Tot Ion:105 Resp: 477061

Ion Ratio Lower Upper

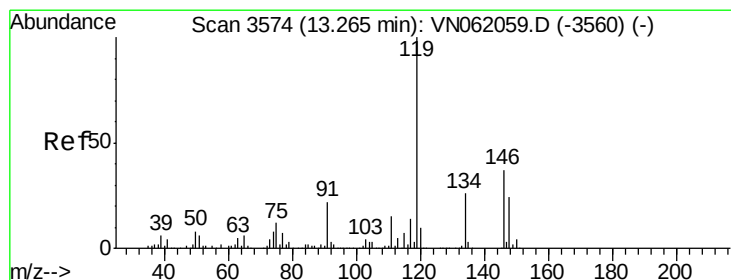
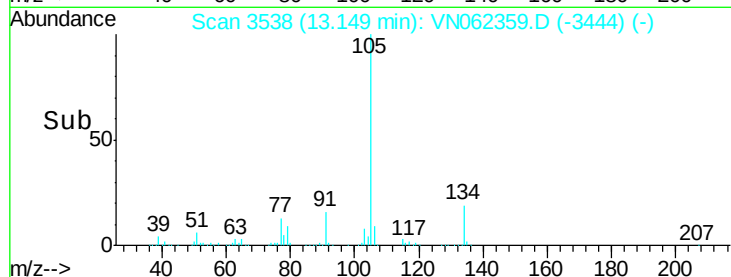
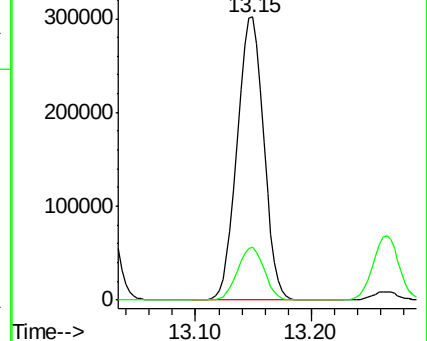
105 100

134 18.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.908 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

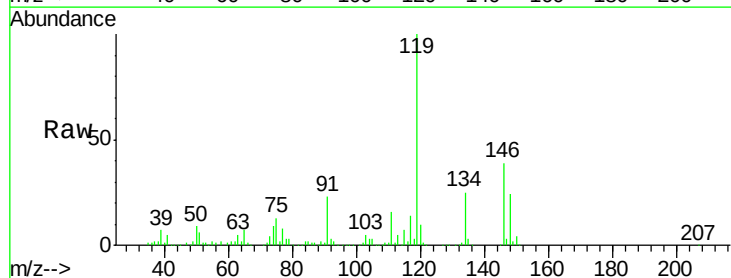
Tgt Ion:119 Resp: 420389

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

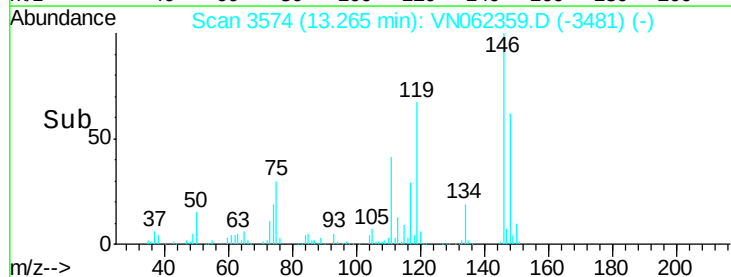
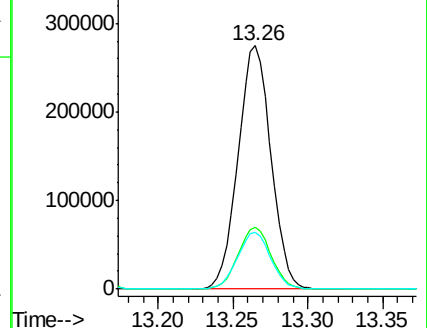
91 23.4 11.3 33.8

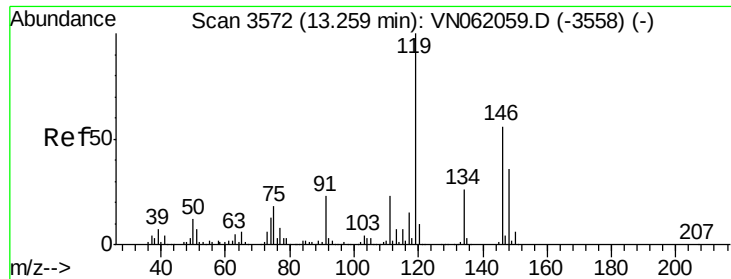


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

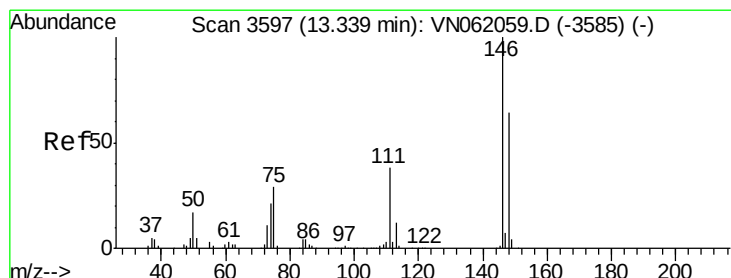
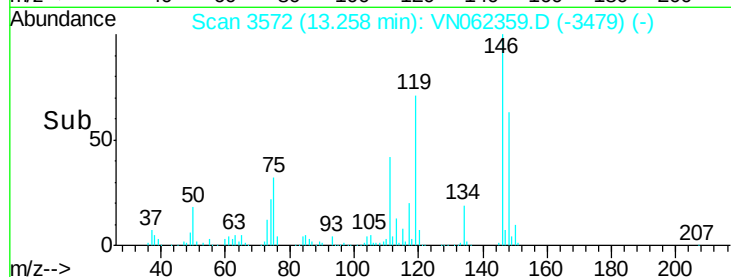
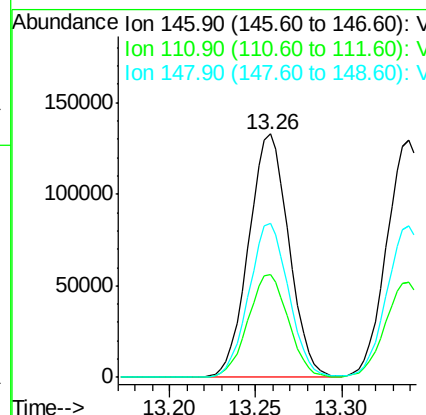
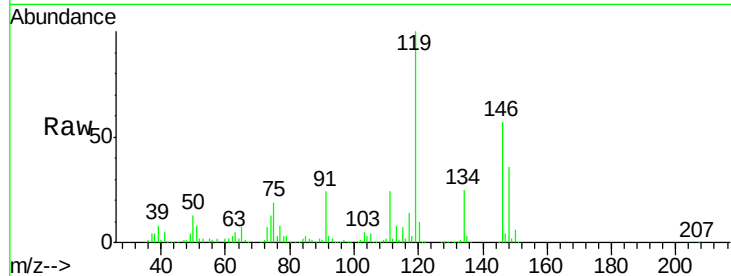




#87
 1,3-Dichlorobenzene
 Concen: 49.990 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

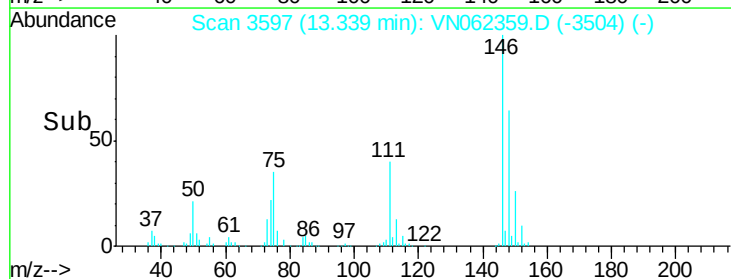
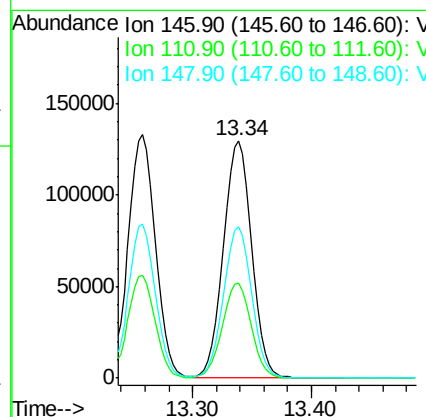
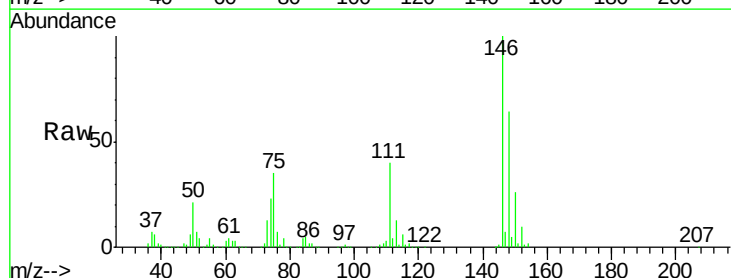
Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

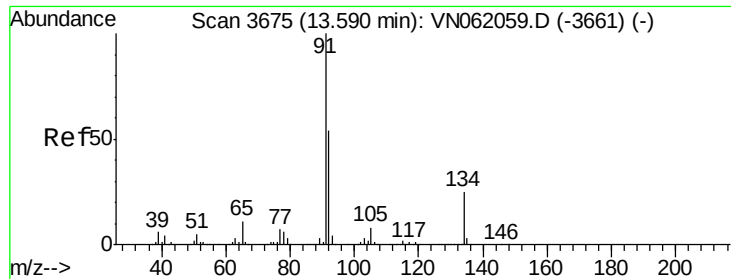
Tot Ion:146 Resp: 215605
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.3 61.0
 148 62.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.078 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion:146 Resp: 213747
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.9 59.6
 148 64.0 31.9 95.9





#89

n-Butylbenzene

Concen: 53.392 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062359.D

Acq: 3 Jul 2020 1:45

Instrument :

MSVOA_N

ClientSampleId :

33BR-20200625MSD

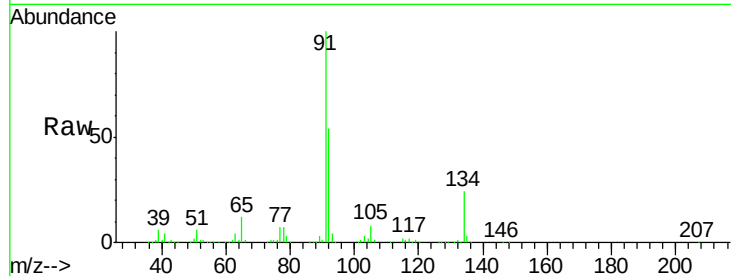
Tot Ion: 91 Resp: 352703

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

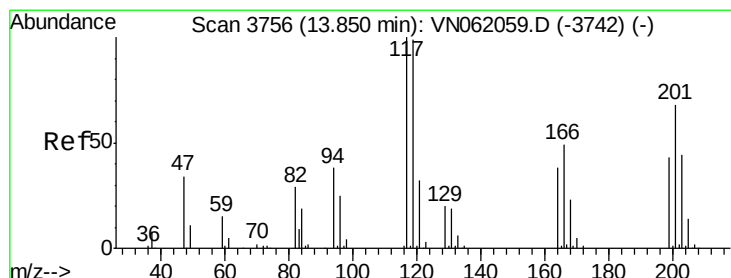
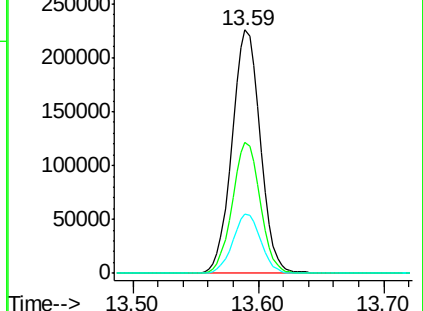
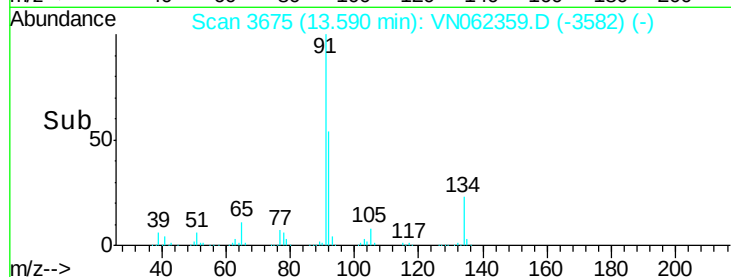
134 24.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062359.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062359.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062359.D (-3582) (-)



#90

Hexachloroethane

Concen: 52.289 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062359.D

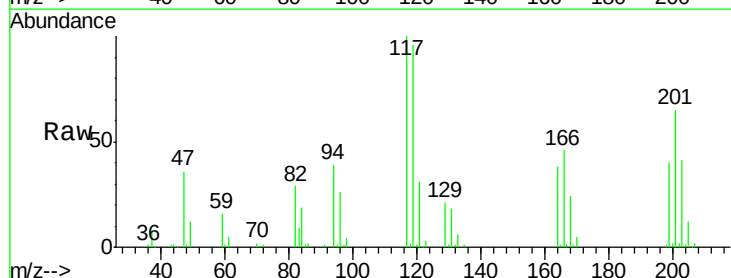
Acq: 3 Jul 2020 1:45

Tgt Ion: 117 Resp: 81515

Ion Ratio Lower Upper

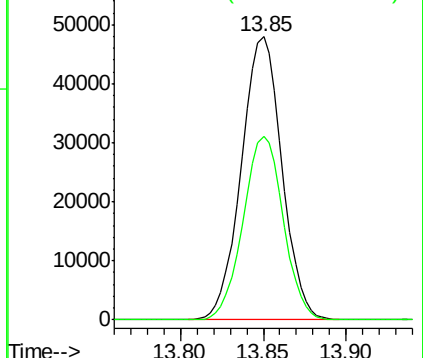
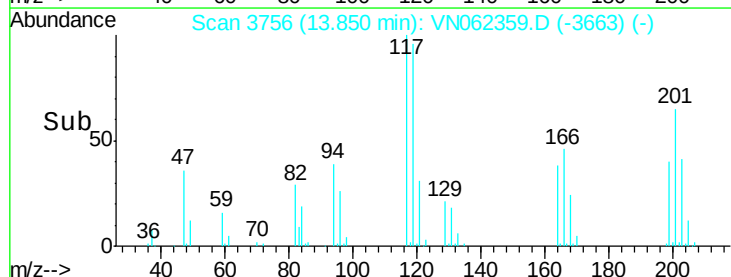
117 100

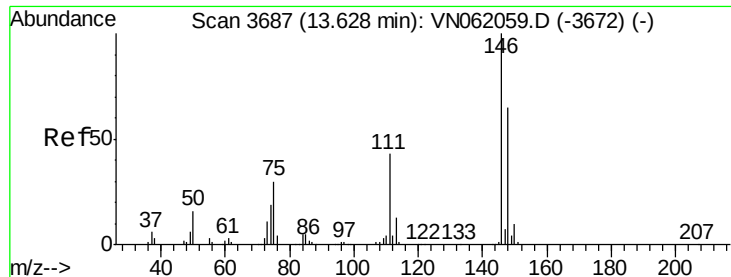
201 64.2 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062359.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062359.D (-3663) (-)

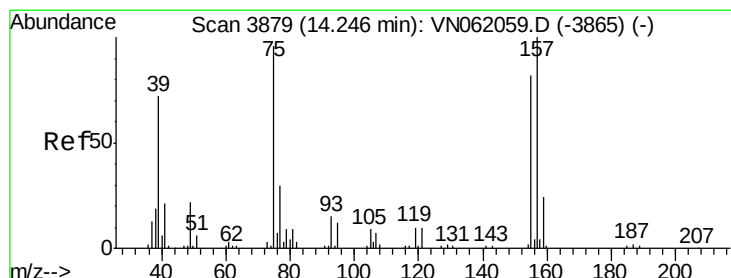
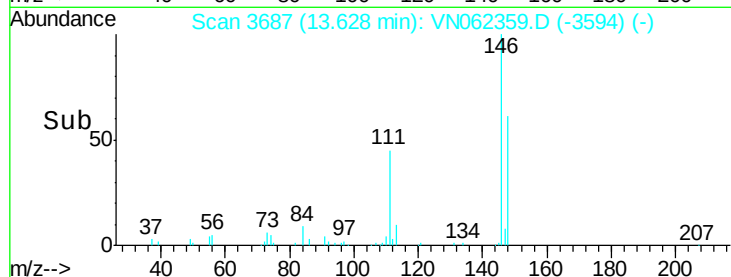
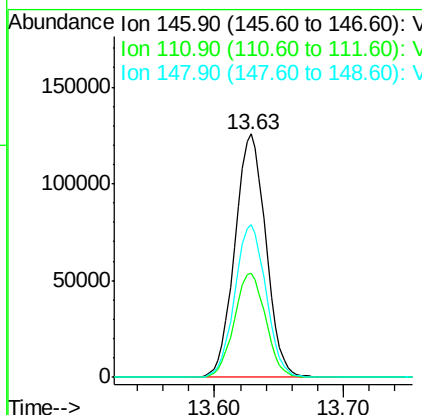
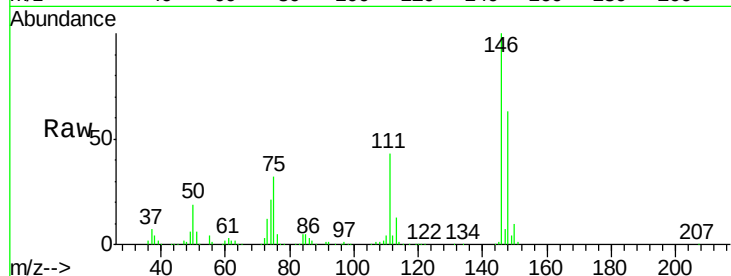




#91
 1,2-Dichlorobenzene
 Concen: 50.208 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

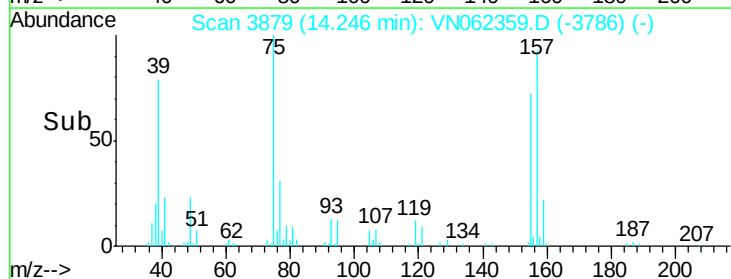
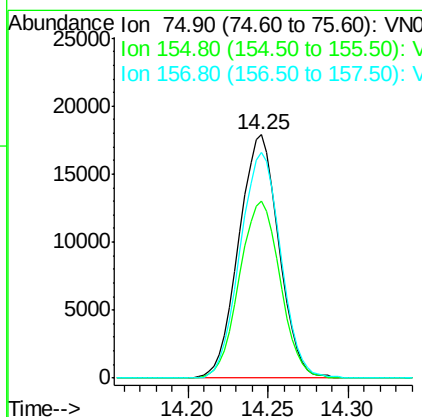
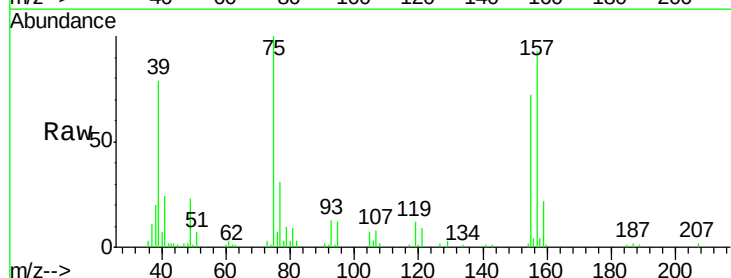
Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

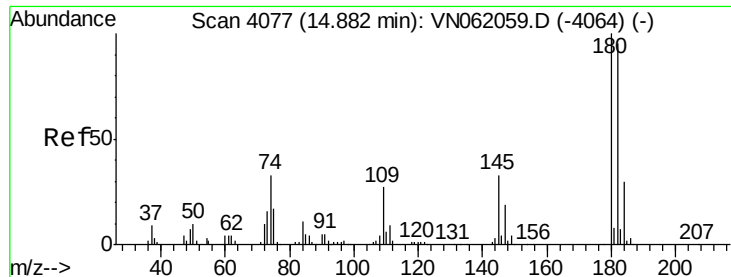
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.2	63.6
148	63.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.155 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.9	40.8	122.4
157	93.9	51.4	154.3

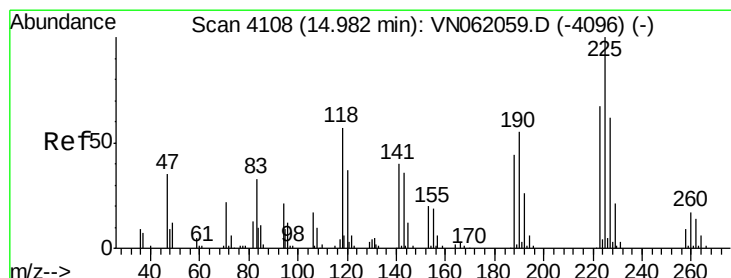
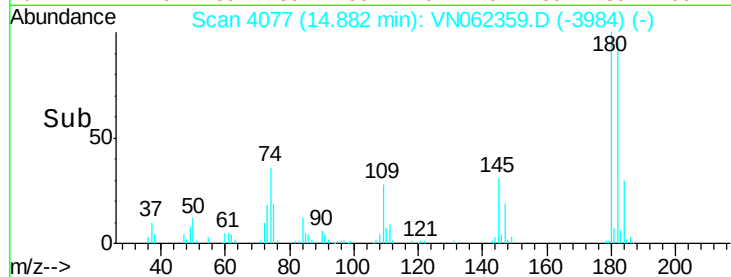
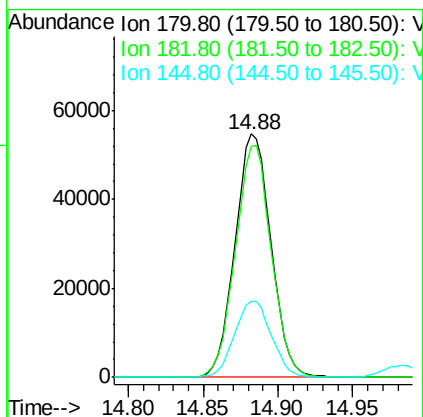
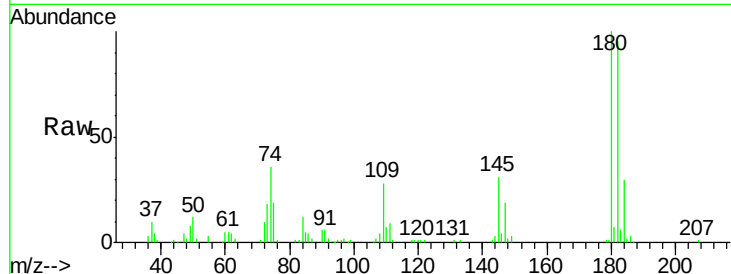




#93
 1,2,4-Trichlorobenzene
 Concen: 50.146 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

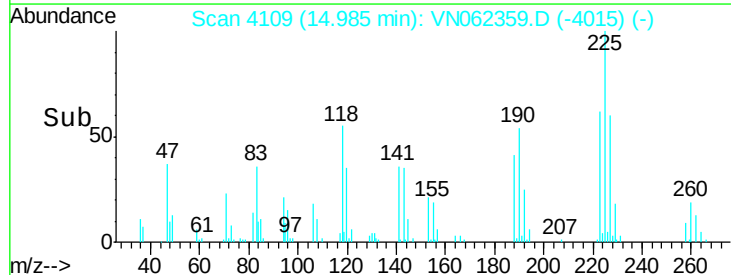
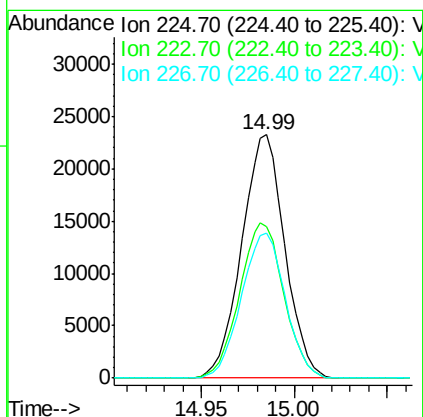
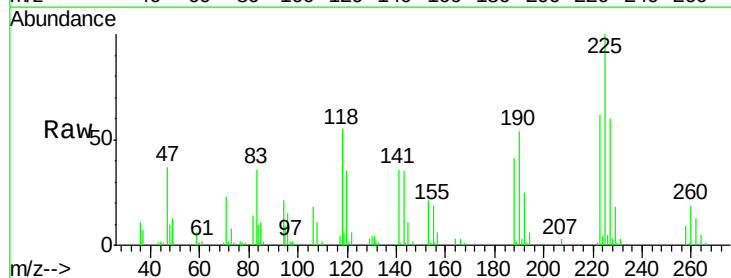
Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MSD

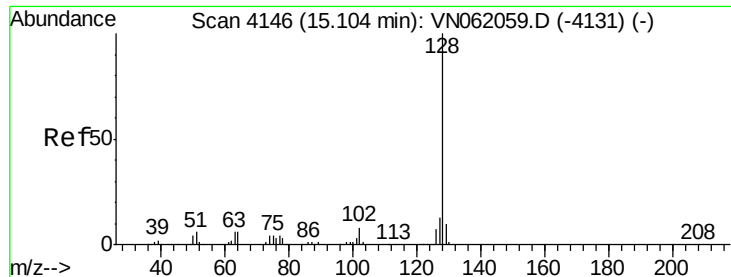
Tot Ion:180 Resp: 91619
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.0 144.2
 145 32.1 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 47.534 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062359.D
 Acq: 3 Jul 2020 1:45

Tgt Ion:225 Resp: 37720
 Ion Ratio Lower Upper
 225 100
 223 64.9 32.9 98.7
 227 60.5 31.3 93.8

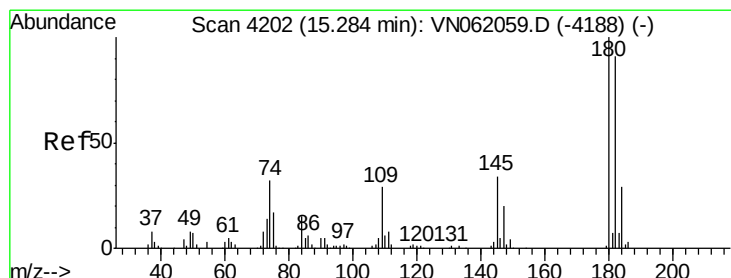
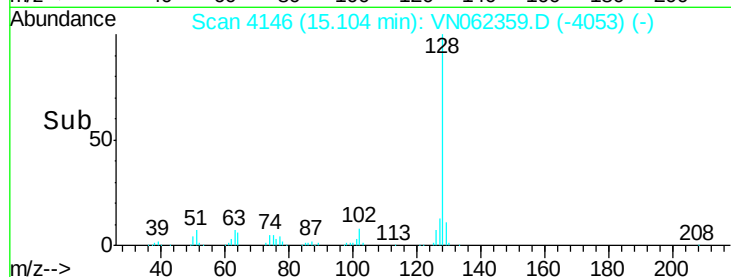
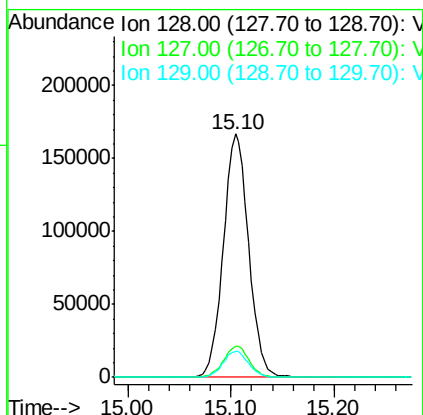
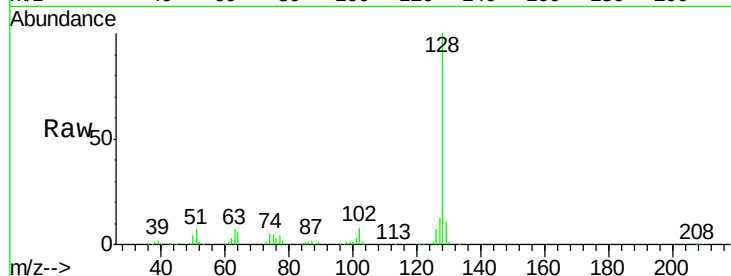




#95
Naphthalene
Concen: 47.070 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

Instrument :
MSVOA_N
ClientSampleId :
33BR-20200625MSD

Tot Ion:128 Resp: 285189
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.268 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062359.D
Acq: 3 Jul 2020 1:45

Tgt Ion:180 Resp: 93909
Ion Ratio Lower Upper
180 100
182 94.8 46.8 140.4
145 34.4 16.4 49.2

