

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062339.D
 Acq On : 2 Jul 2020 17:41
 Operator : JC/MD
 Sample : VN0702WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 00:33:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	143000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	266721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	108878	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	118412	59.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	118.02%		
35) Dibromofluoromethane	7.55	113	89577	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.70%		
50) Toluene-d8	10.06	98	357271	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.46%		
62) 4-Bromofluorobenzene	12.37	95	117128	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.36%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	26070	16.129	ug/l	98
3) Chloromethane	2.03	50	37464	18.854	ug/l	99
4) Vinyl Chloride	2.16	62	42859	16.838	ug/l	99
5) Bromomethane	2.53	94	28425	17.278	ug/l	89
6) Chloroethane	2.67	64	28549	16.418	ug/l	98
7) Trichlorofluoromethane	2.98	101	50889	16.225	ug/l	100
8) Diethyl Ether	3.37	74	22492	20.536	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	31233	19.016	ug/l	95
10) Methyl Iodide	3.91	142	34018	18.390	ug/l	99
11) Tert butyl alcohol	4.74	59	31867	110.600	ug/l	99
12) 1,1-Dichloroethene	3.70	96	30126	18.347	ug/l	94
13) Acrolein	3.57	56	20841	73.880	ug/l	97
14) Allyl chloride	4.27	41	47071	21.056	ug/l	98
15) Acrylonitrile	4.93	53	87121	110.960	ug/l	98
16) Acetone	3.77	43	76374	119.128	ug/l	95
17) Carbon Disulfide	4.01	76	83178	17.718	ug/l	99
18) Methyl Acetate	4.28	43	37894	23.754	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	106443	20.287	ug/l	93
20) Methylene Chloride	4.50	84	40043	21.613	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	33125	17.709	ug/l	95
22) Diisopropyl ether	5.90	45	108800	21.375	ug/l	97
23) Vinyl Acetate	5.84	43	440241	105.934	ug/l	97
24) 1,1-Dichloroethane	5.80	63	66544	20.302	ug/l	99
25) 2-Butanone	6.79	43	107329	109.421	ug/l	94
26) 2,2-Dichloropropane	6.78	77	54211	19.847	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	39335	18.688	ug/l	96
28) Bromochloromethane	7.15	49	28793	20.246	ug/l	88
29) Tetrahydrofuran	7.17	42	70456	109.655	ug/l	98
30) Chloroform	7.33	83	65347	19.595	ug/l	100
31) Cyclohexane	7.61	56	52032	18.767	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	53179	18.909	ug/l	96
36) 1,1-Dichloropropene	7.75	75	46777	17.448	ug/l	98
37) Ethyl Acetate	6.89	43	48066	21.652	ug/l	97
38) Carbon Tetrachloride	7.73	117	43173	17.081	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	49980	17.015	ug/l	95
40) Benzene	8.00	78	149012	18.236	ug/l	99
41) Methacrylonitrile	7.12	41	16479	16.012	ug/l #	85
42) 1,2-Dichloroethane	8.09	62	53531	19.390	ug/l	97
43) Isopropyl Acetate	8.13	43	74970	20.716	ug/l	98
44) Trichloroethene	8.80	130	34895	16.929	ug/l	98
45) 1,2-Dichloropropane	9.08	63	39831	19.758	ug/l	100
46) Dibromomethane	9.18	93	25462	18.629	ug/l	93
47) Bromodichloromethane	9.37	83	50578	18.327	ug/l	96
48) Methyl methacrylate	9.17	41	32399	19.967	ug/l	96
49) 1,4-Dioxane	9.17	88	14364	399.182	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	227903	107.787	ug/l	96
52) Toluene	10.12	92	91369	18.326	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	56040	18.457	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	61654	19.073	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	37295	19.029	ug/l	95
56) Ethyl methacrylate	10.40	69	50427	19.280	ug/l	97
57) 1,3-Dichloropropane	10.68	76	64070	18.993	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	102042	101.835	ug/l	96
59) 2-Hexanone	10.72	43	160559	105.162	ug/l	97
60) Dibromochloromethane	10.87	129	36391	17.538	ug/l	99
61) 1,2-Dibromoethane	10.98	107	35946	17.850	ug/l	100
64) Tetrachloroethene	10.60	164	26066	15.377	ug/l	95
65) Chlorobenzene	11.41	112	94880	17.411	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	33400	17.724	ug/l	99
67) Ethyl Benzene	11.48	91	164799	17.906	ug/l	98
68) m/p-Xylenes	11.60	106	124834	35.068	ug/l	98
69) o-Xylene	11.92	106	58779	17.500	ug/l	96
70) Styrene	11.94	104	99369	17.740	ug/l	99
71) Bromoform	12.10	173	22367	16.694	ug/l #	99
73) Isopropylbenzene	12.22	105	156002	18.510	ug/l	98
74) N-amyl acetate	12.05	43	58426	20.916	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	56353	20.093	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	68786	26.837	ug/l #	100
77) Bromobenzene	12.50	156	36318	17.357	ug/l	88
78) n-propylbenzene	12.57	91	181665	18.844	ug/l	99
79) 2-Chlorotoluene	12.65	91	108966	18.697	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	127790	18.704	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	16853	19.202	ug/l	93
82) 4-Chlorotoluene	12.75	91	112560	18.676	ug/l	97
83) tert-Butylbenzene	12.97	119	106147	18.154	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	127232	18.646	ug/l	100
85) sec-Butylbenzene	13.15	105	145384	18.817	ug/l	99
86) p-Isopropyltoluene	13.26	119	122942	18.162	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	63841	17.375	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	63602	16.793	ug/l	98
89) n-Butylbenzene	13.59	91	96796	17.200	ug/l	99
90) Hexachloroethane	13.85	117	25366	19.100	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	64159	18.007	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8885	19.776	ug/l	93

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Response via : Initial Calibration

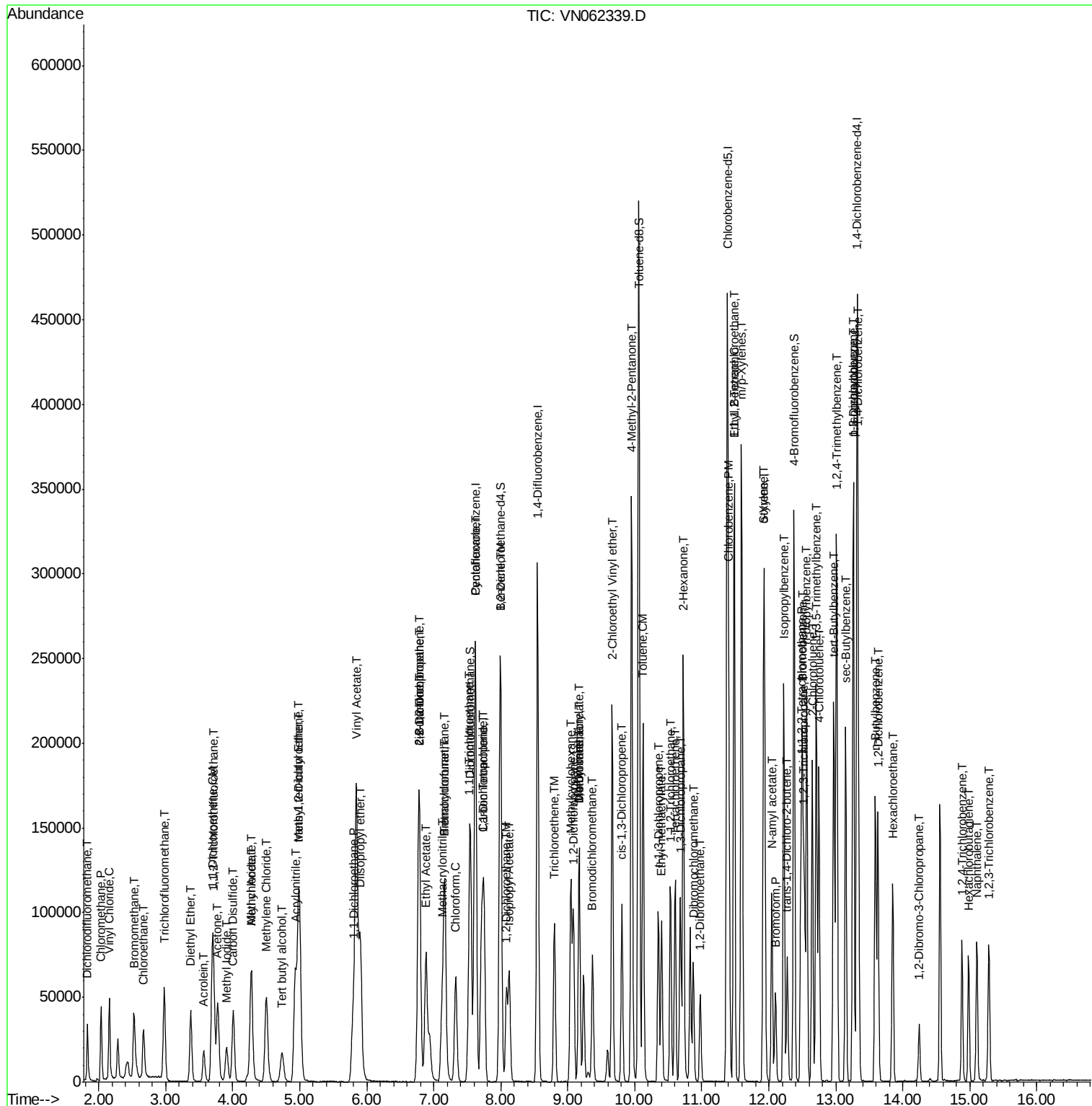
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	24687	15.861	ug/l	95
94) Hexachlorobutadiene	14.98	225	11974	17.712	ug/l	97
95) Naphthalene	15.10	128	69416	16.302	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	25057	15.744	ug/l	94

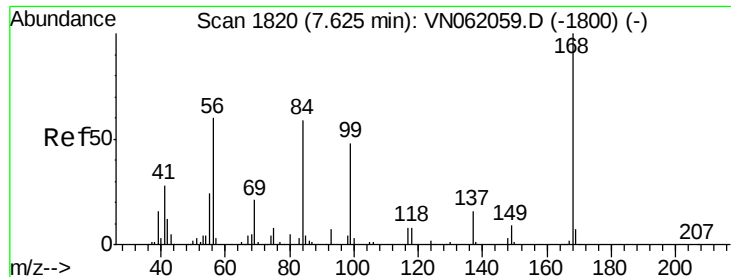
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

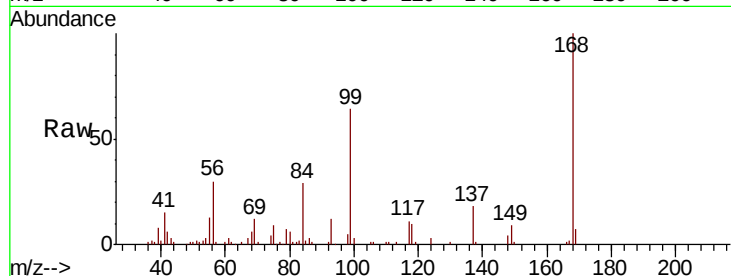
ClientSampled :

Tot Ion:168 Resp: 143000

Ion Ratio Lower Upper

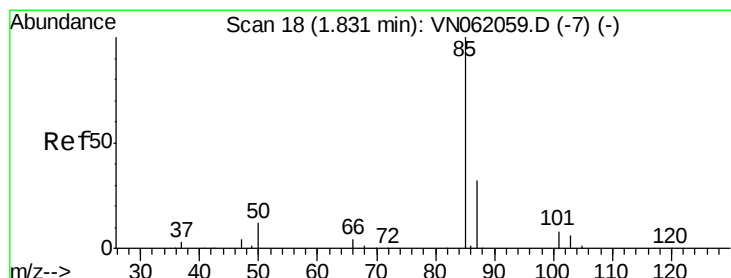
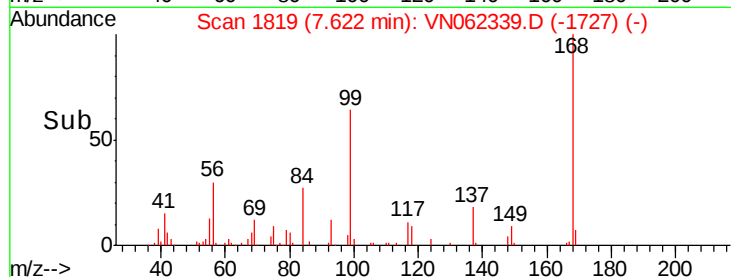
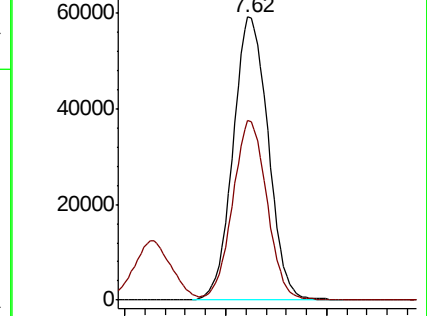
168 100

99 63.7 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 16.129 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062339.D

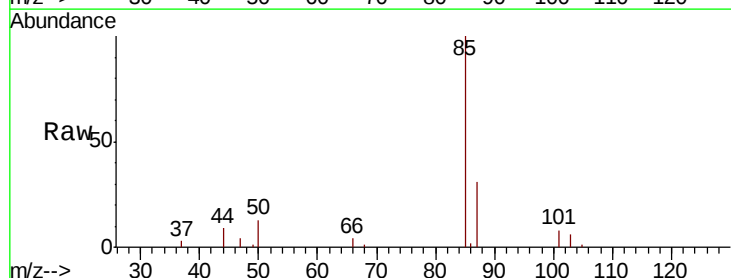
Acq: 2 Jul 2020 17:41

Tgt Ion: 85 Resp: 26070

Ion Ratio Lower Upper

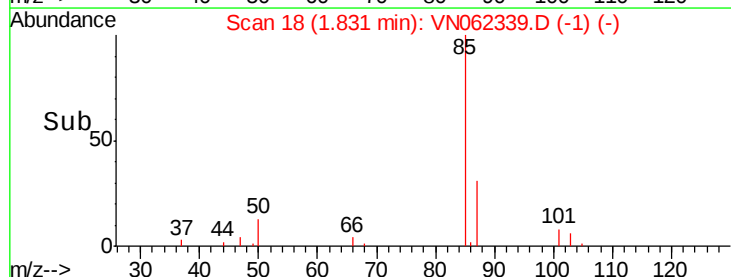
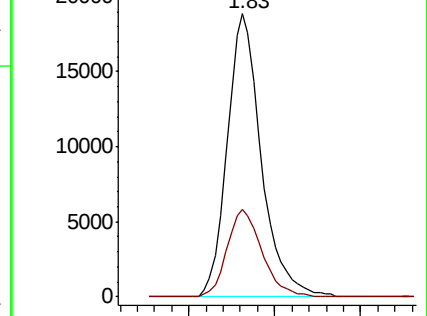
85 100

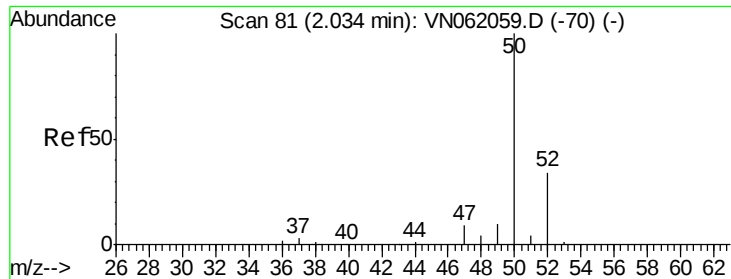
87 30.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.854 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

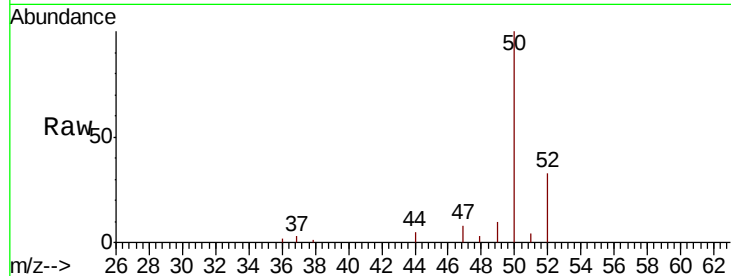
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 37464

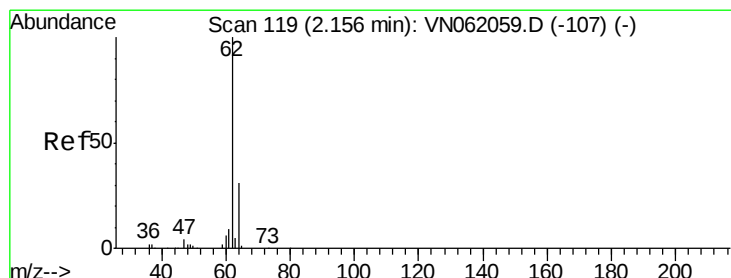
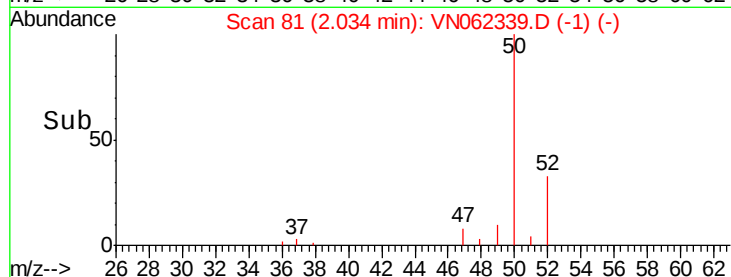
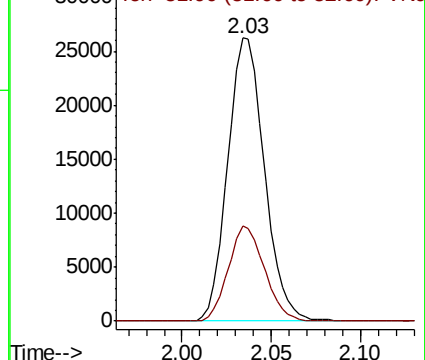
Ion Ratio Lower Upper

50 100

52 33.4 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN0
Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 16.838 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062339.D

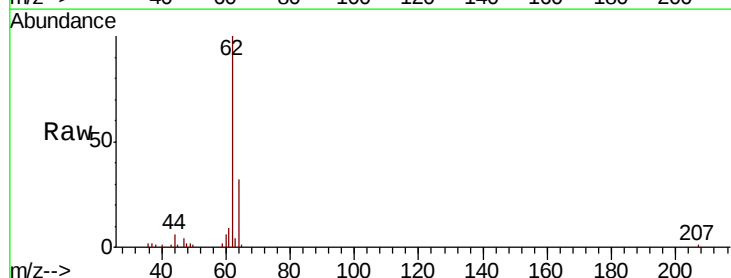
Acq: 2 Jul 2020 17:41

Tgt Ion: 62 Resp: 42859

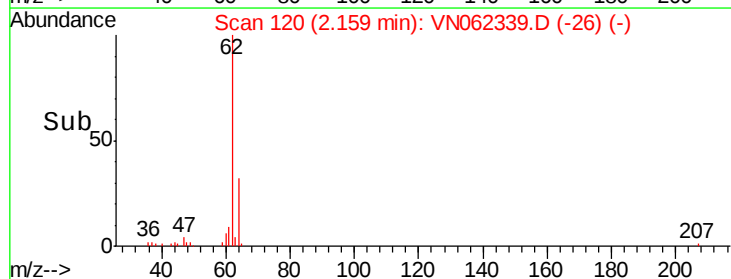
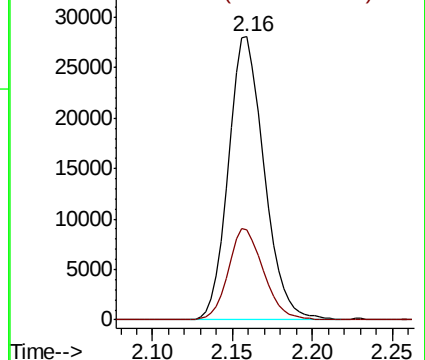
Ion Ratio Lower Upper

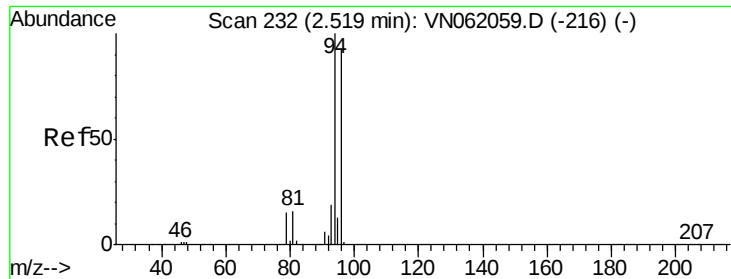
62 100

64 32.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 17.278 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

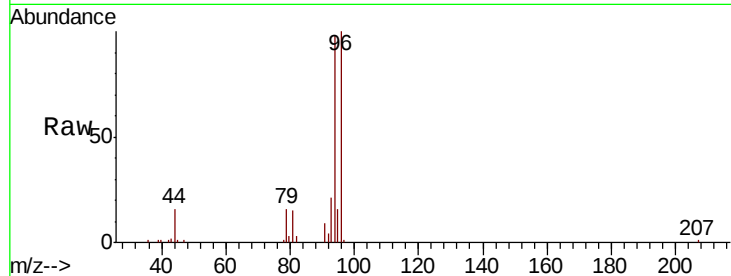
ClientSampled :

Tot Ion: 94 Resp: 28425

Ion Ratio Lower Upper

94 100

96 102.0 73.4 110.2



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

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

2.53

15000

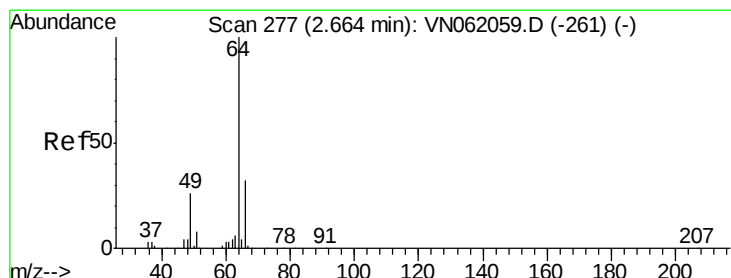
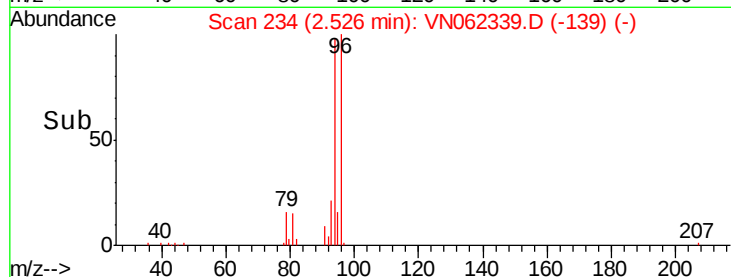
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 16.418 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062339.D

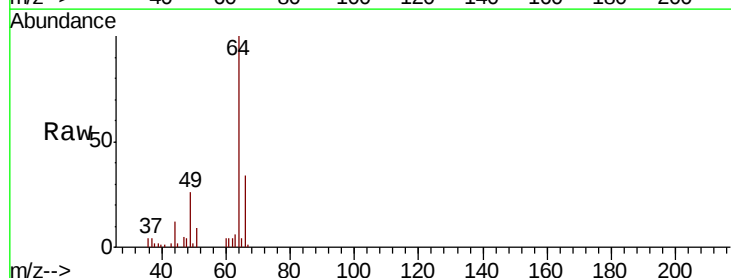
Acq: 2 Jul 2020 17:41

Tgt Ion: 64 Resp: 28549

Ion Ratio Lower Upper

64 100

66 33.5 25.8 38.6



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

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

2.67

15000

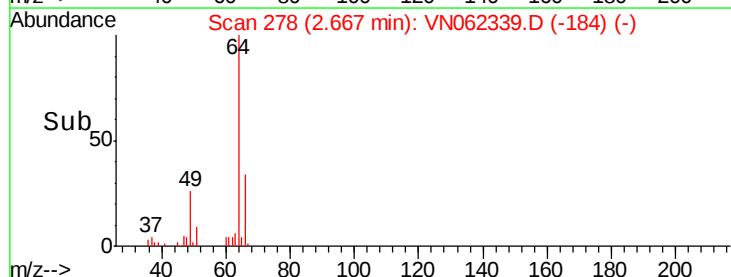
10000

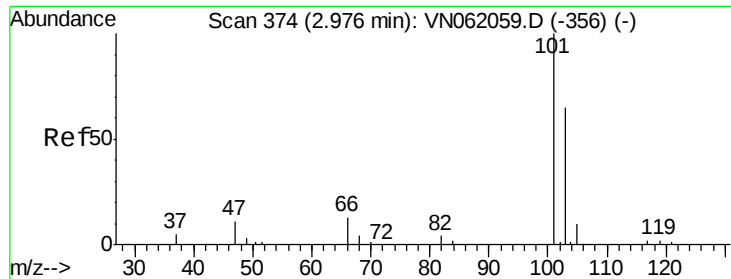
5000

0

Time-->

2.60 2.65 2.70 2.75



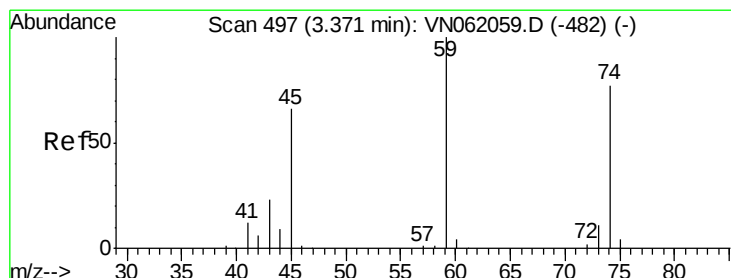
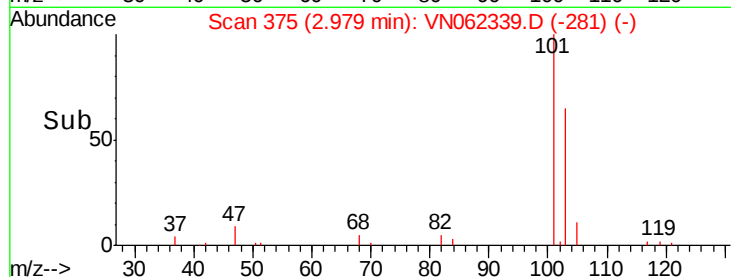
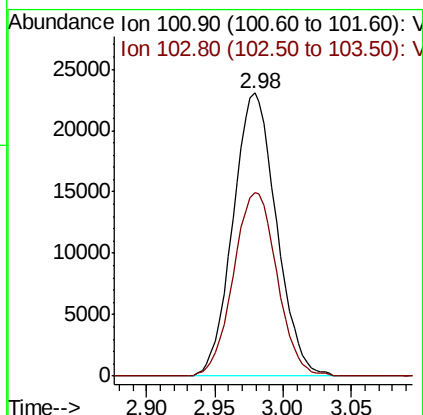
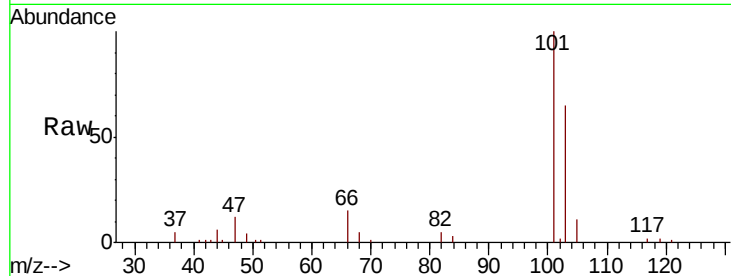


#7

Trichlorofluoromethane
 Concen: 16.225 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062339.D
 Acq: 2 Jul 2020 17:41

Instrument :
 MSVOA_N
 ClientSampled :

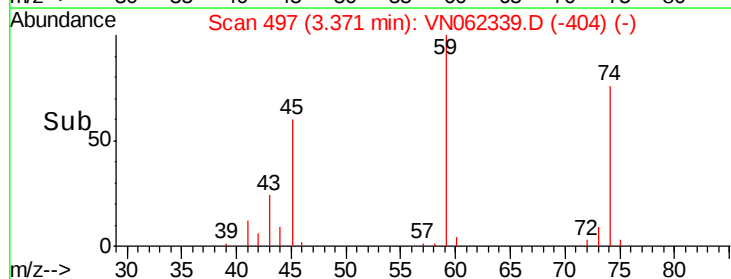
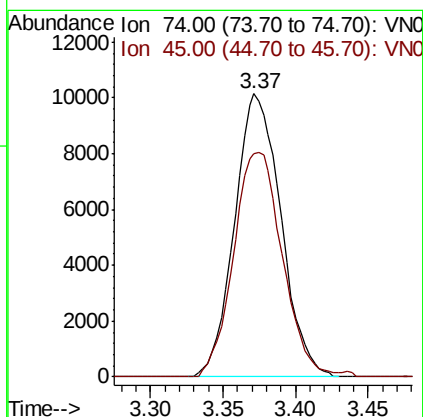
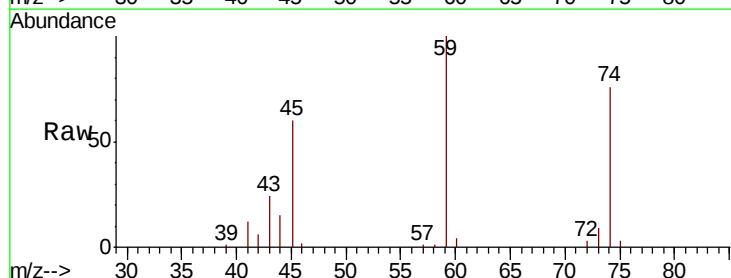
Tot Ion:101 Resp: 50889
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.6

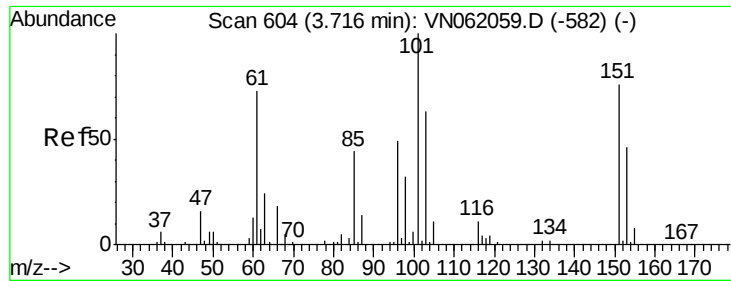


#8

Diethyl Ether
 Concen: 20.536 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062339.D
 Acq: 2 Jul 2020 17:41

Tgt Ion: 74 Resp: 22492
 Ion Ratio Lower Upper
 74 100
 45 83.4 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.016 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

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ClientSampleId :

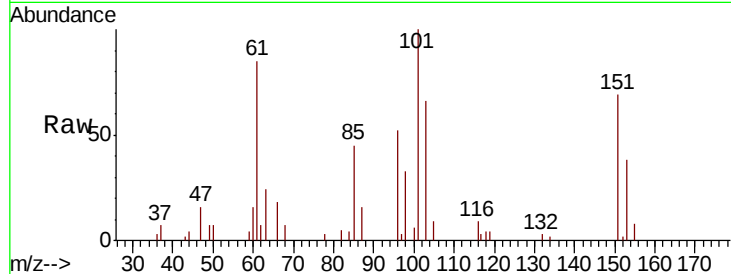
Tot Ion:101 Resp: 31233

Ion Ratio Lower Upper

101 100

85 44.9 34.5 51.7

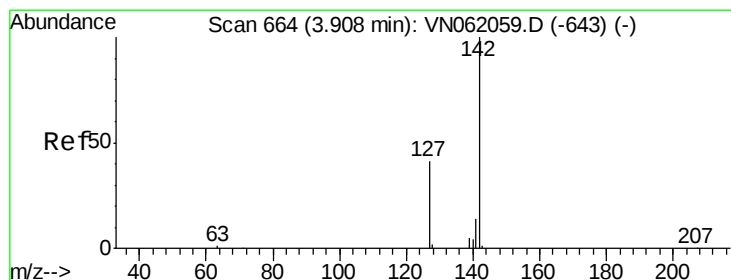
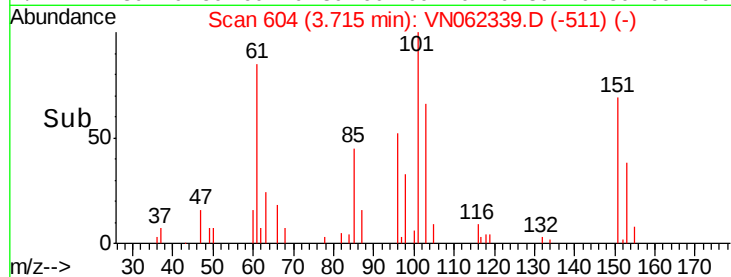
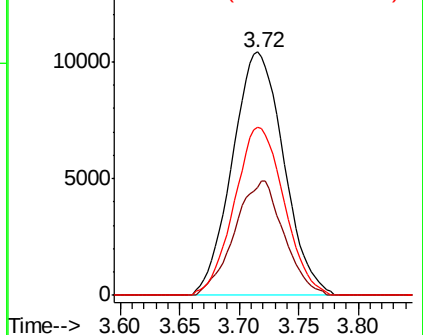
151 66.9 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.390 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

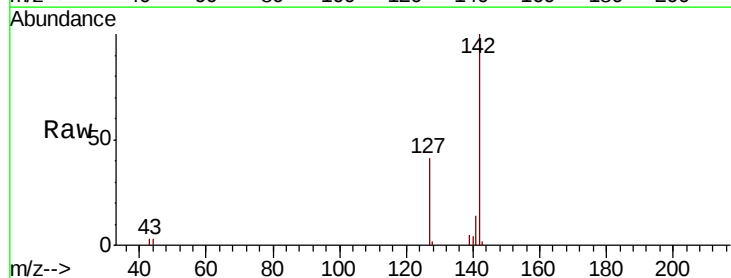
Tgt Ion:142 Resp: 34018

Ion Ratio Lower Upper

142 100

127 41.7 33.6 50.4

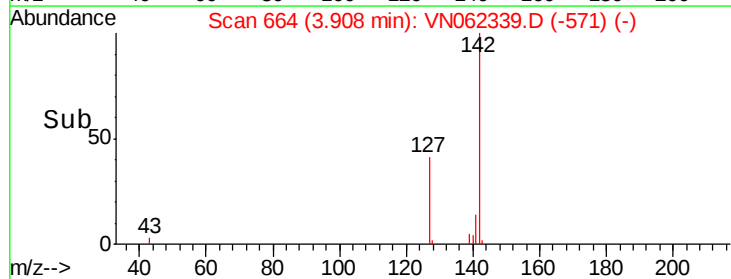
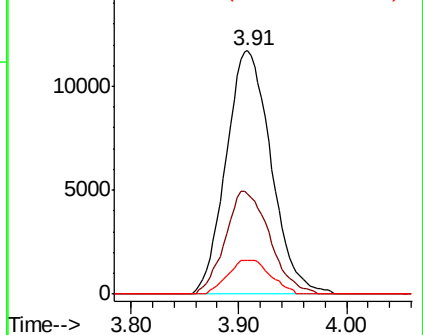
141 13.2 11.3 16.9

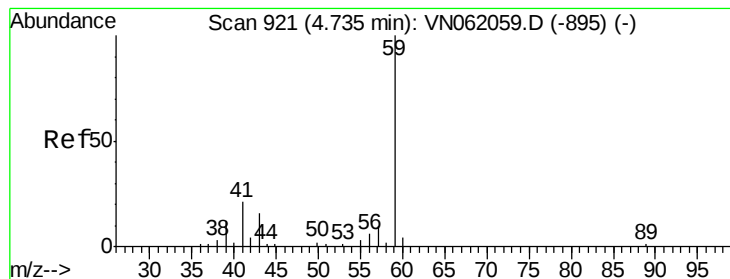


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



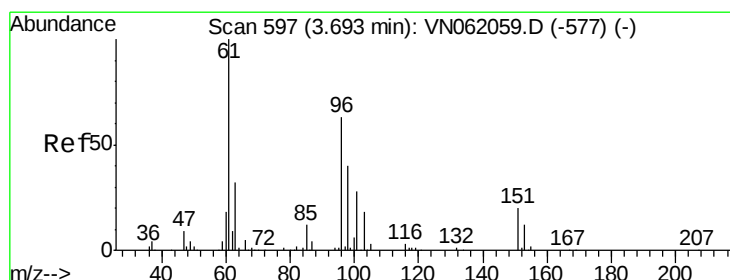
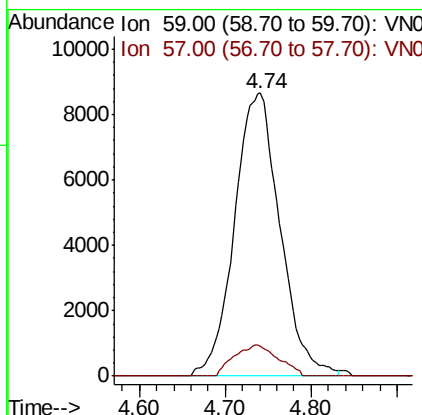
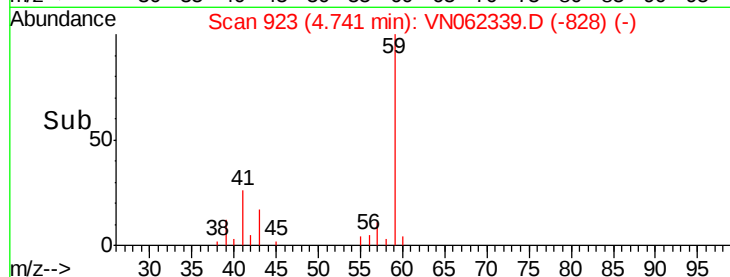
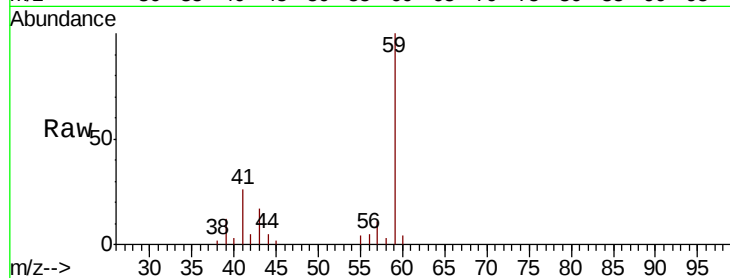


#11

Tert butyl alcohol
Concen: 110.600 ug/l
RT: 4.74 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Instrument :
MSVOA_N
ClientSampled :

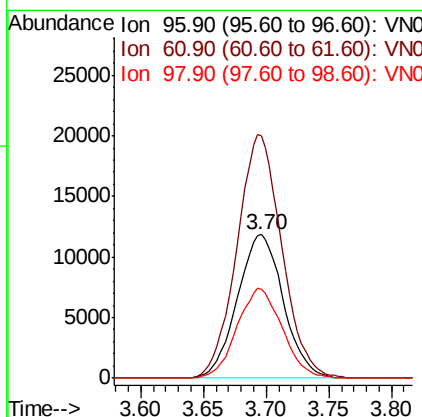
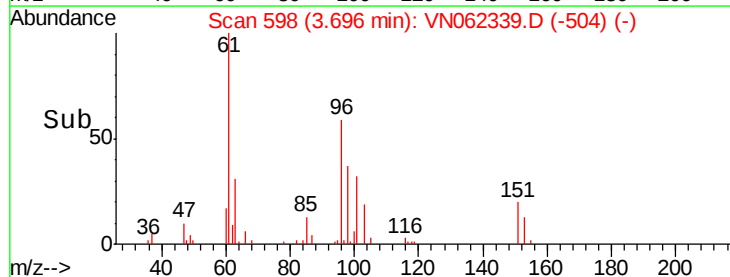
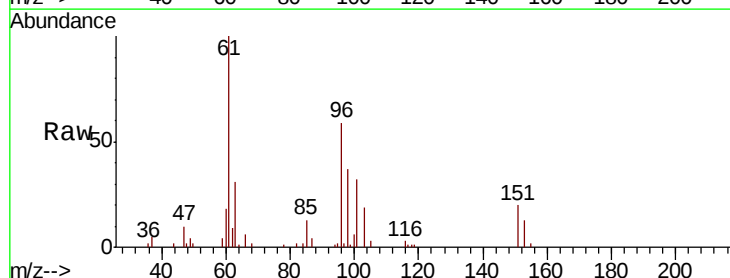
Tot Ion: 59 Resp: 31867
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

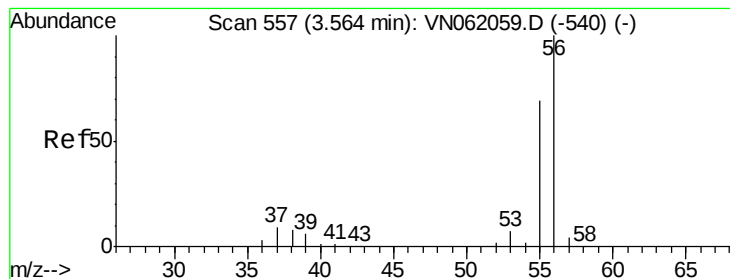


#12

1,1-Dichloroethene
Concen: 18.347 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion: 96 Resp: 30126
Ion Ratio Lower Upper
96 100
61 169.1 126.7 190.1
98 61.9 51.0 76.4





#13

Acrolein

Concen: 73.880 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

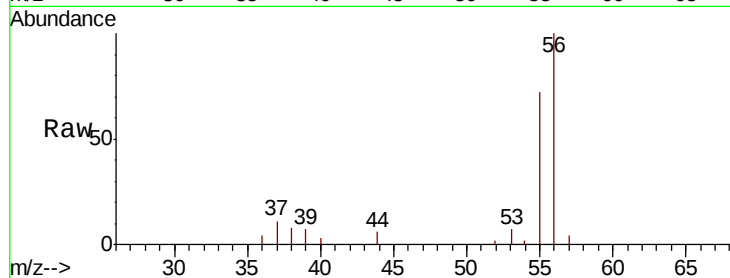
ClientSampleId :

Tot Ion: 56 Resp: 20841

Ion Ratio Lower Upper

56 100

55 71.6 55.5 83.3



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

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

3.57

8000

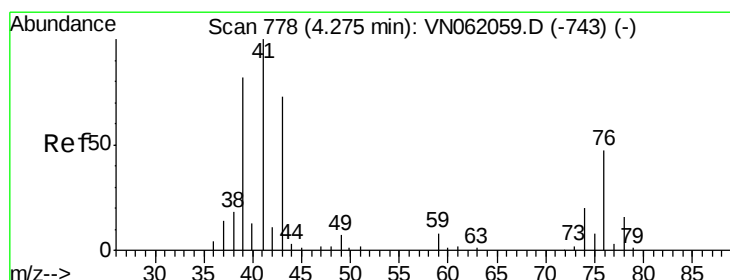
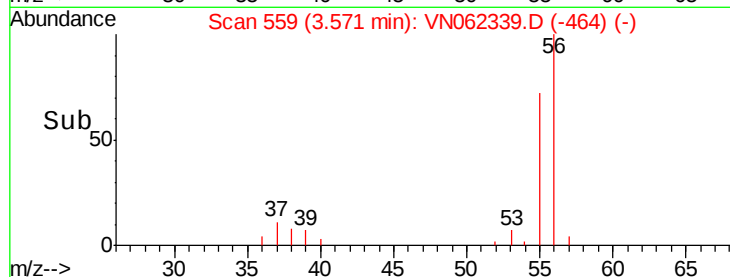
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 21.056 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

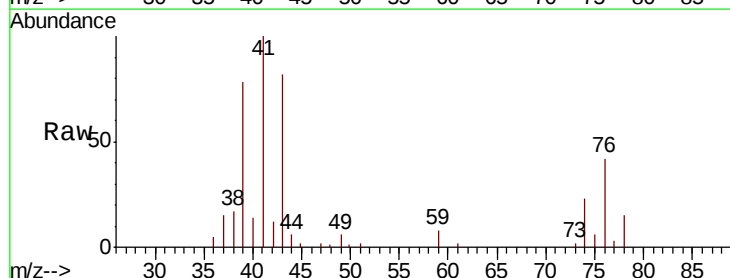
Tgt Ion: 41 Resp: 47071

Ion Ratio Lower Upper

41 100

39 74.0 60.0 90.0

76 39.8 34.1 51.1



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

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

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

20000

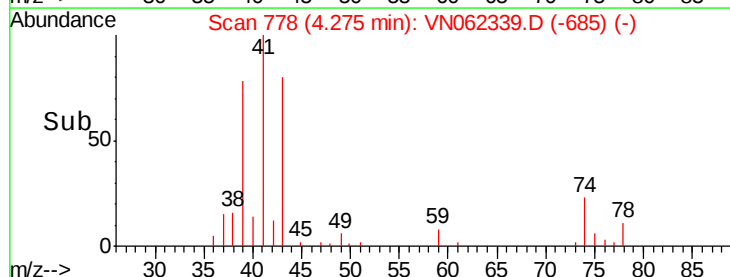
15000

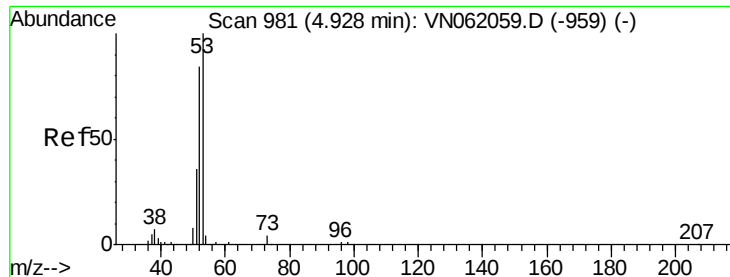
10000

5000

0

Time-->

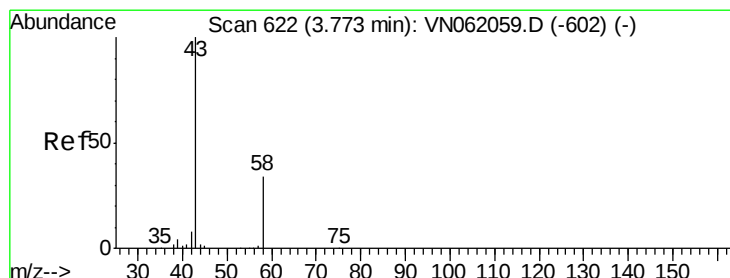
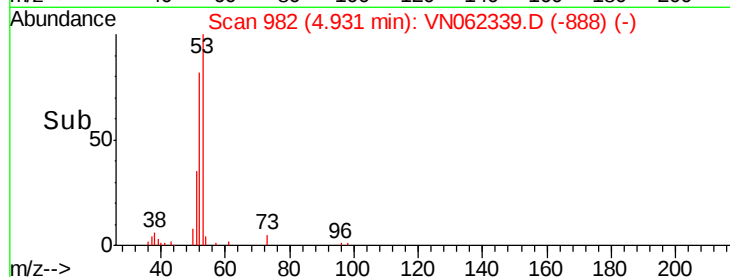
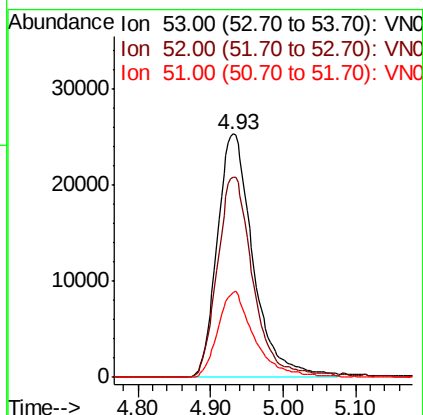
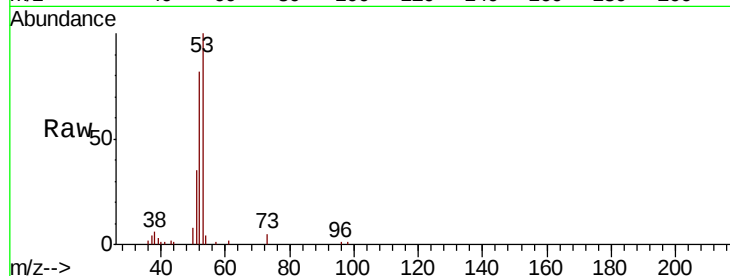




#15
 Acrylonitrile
 Concen: 110.960 ug/l
 RT: 4.93 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VN062339.D
 Acq: 2 Jul 2020 17:41

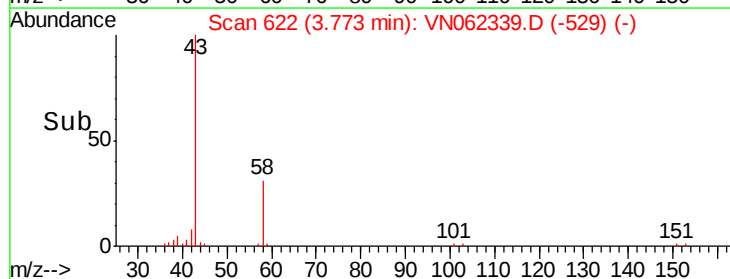
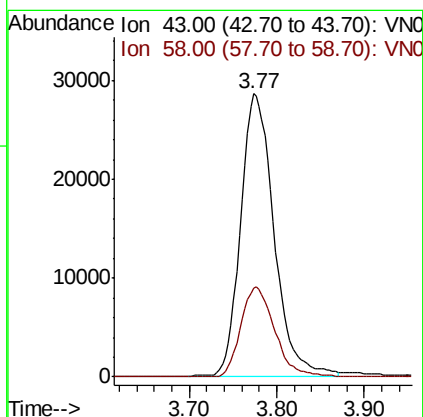
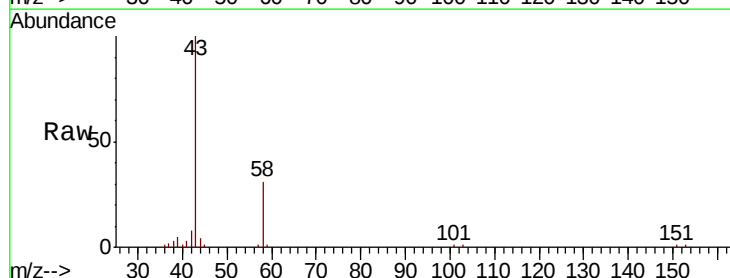
Instrument :
 MSVOA_N
 ClientSampleId :

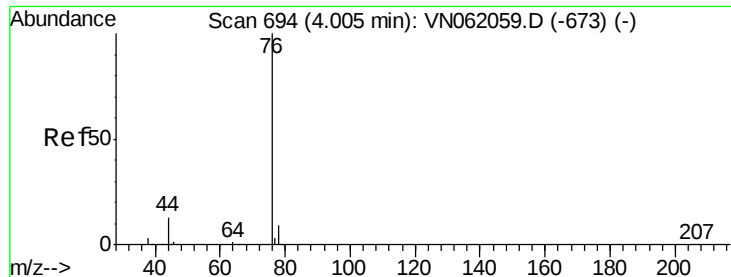
Tot Ion: 53 Resp: 87121
 Ion Ratio Lower Upper
 53 100
 52 81.0 66.2 99.4
 51 35.5 28.9 43.3



#16
 Acetone
 Concen: 119.128 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VN062339.D
 Acq: 2 Jul 2020 17:41

Tgt Ion: 43 Resp: 76374
 Ion Ratio Lower Upper
 43 100
 58 31.4 27.5 41.3

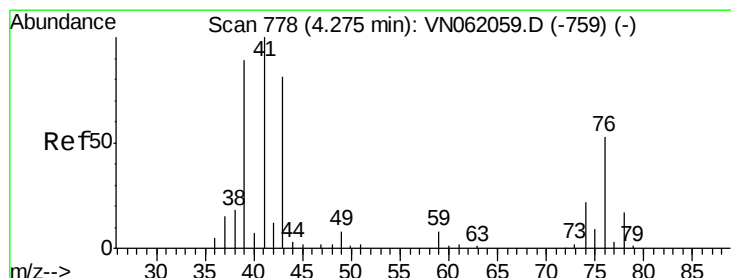
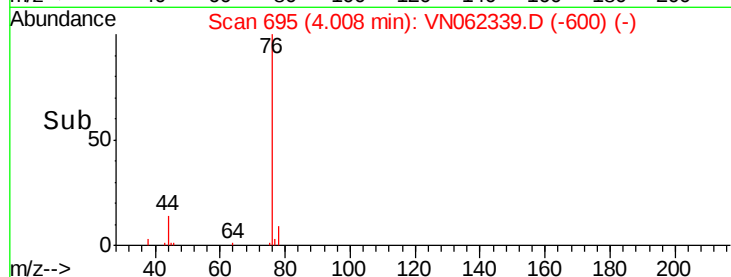
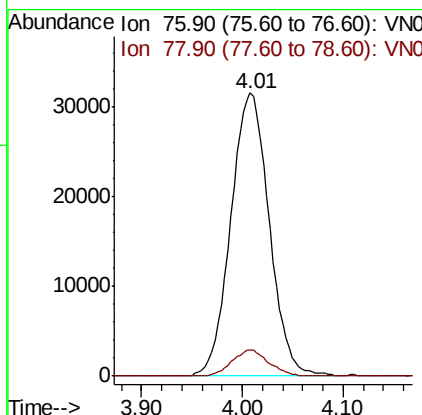
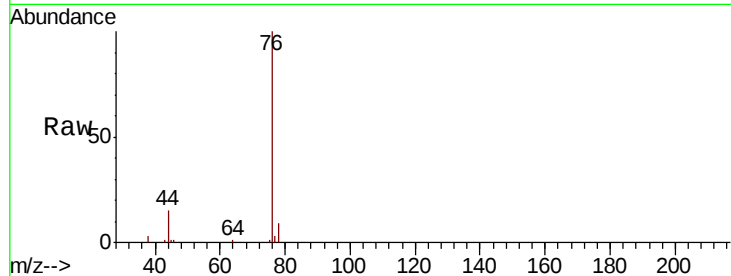




#17
Carbon Disulfide
Concen: 17.718 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

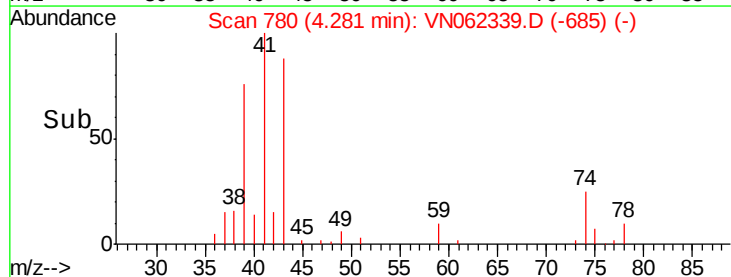
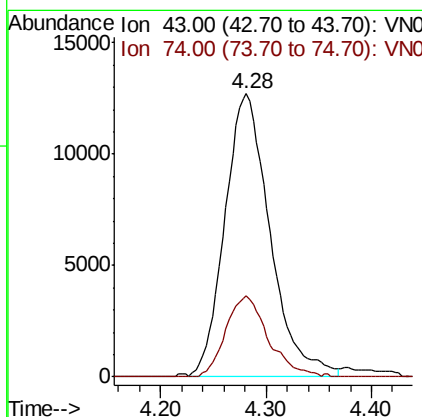
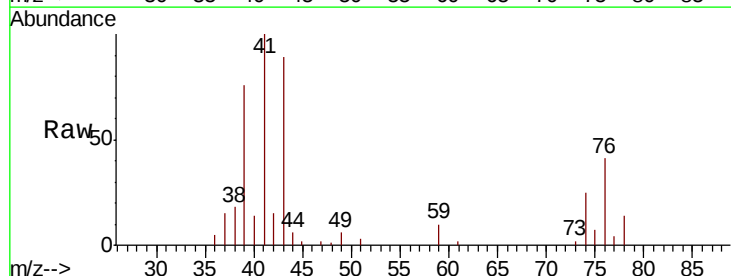
Instrument :
MSVOA_N
ClientSampleId :

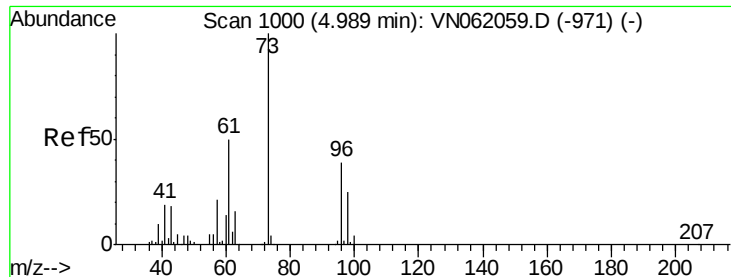
Tot Ion: 76 Resp: 83178
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 23.754 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion: 43 Resp: 37894
Ion Ratio Lower Upper
43 100
74 26.7 22.9 34.3

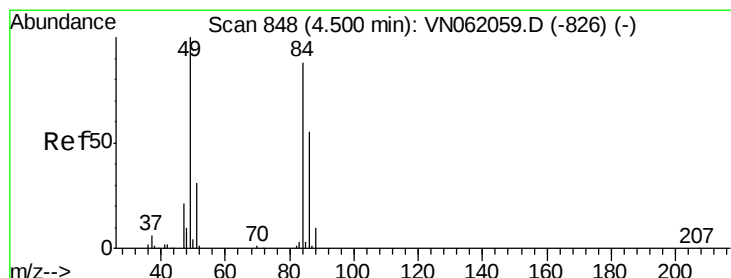
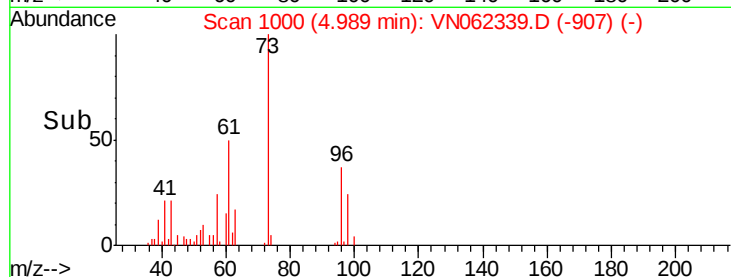
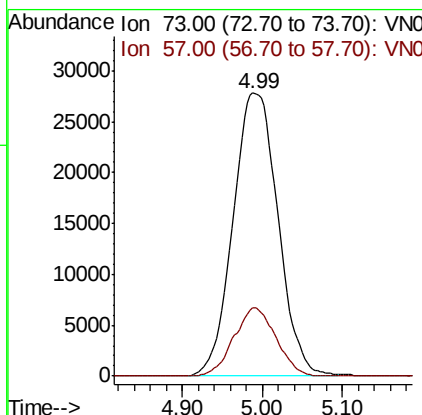
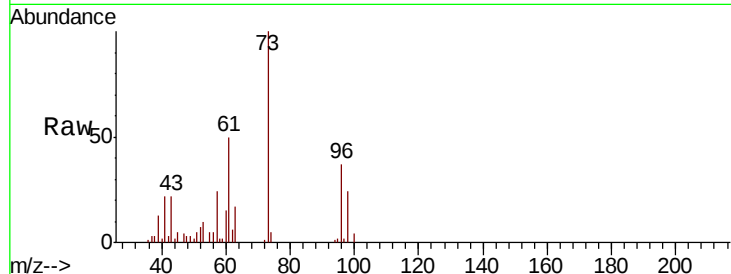




#19
Methvl tert-butvl Ether
Concen: 20.287 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

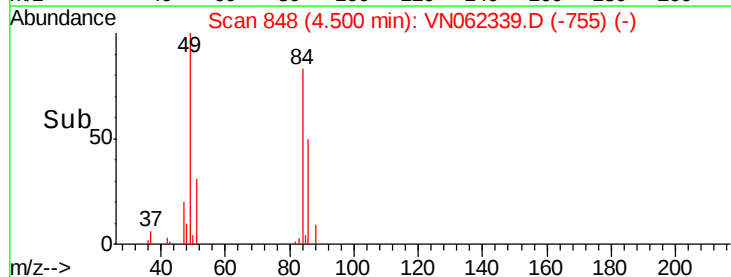
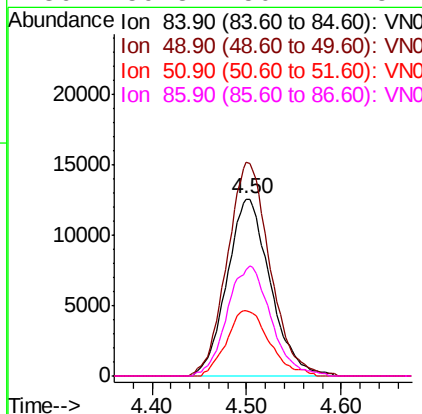
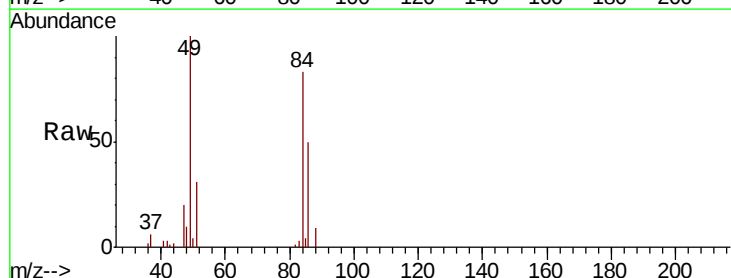
Instrument :
MSVOA_N
ClientSampleId :

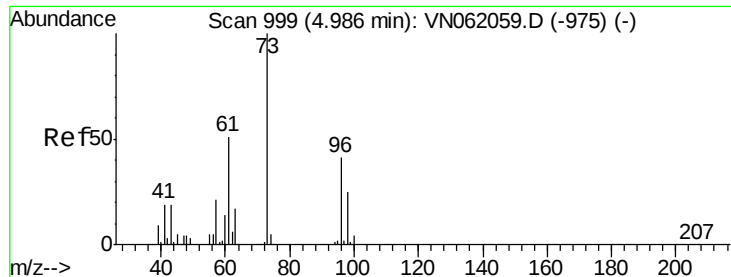
Tot Ion: 73 Resp: 106443
Ion Ratio Lower Upper
73 100
57 24.1 16.6 24.8



#20
Methylene Chloride
Concen: 21.613 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion: 84 Resp: 40043
Ion Ratio Lower Upper
84 100
49 120.5 90.6 136.0
51 36.9 27.8 41.8
86 59.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.709 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

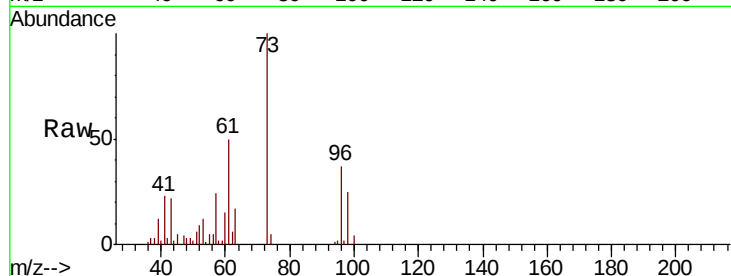
Tot Ion: 96 Resp: 33125

Ion Ratio Lower Upper

96 100

61 132.1 101.4 152.2

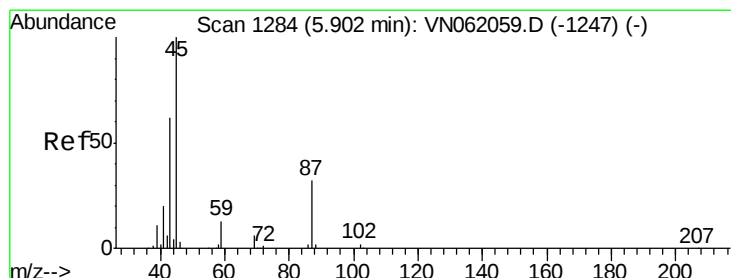
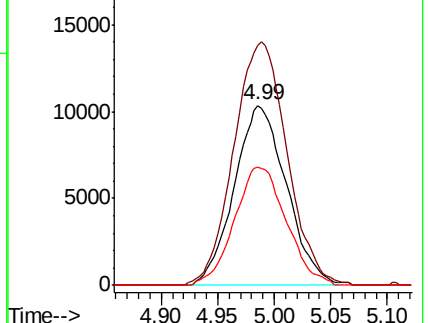
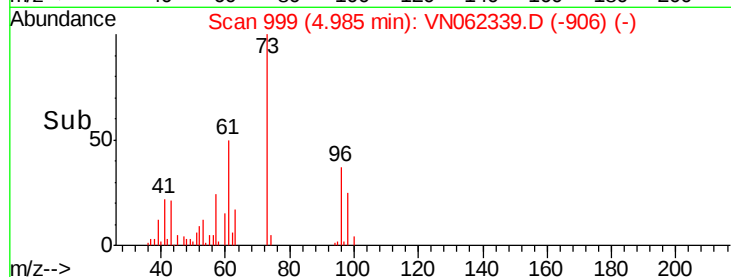
98 65.5 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN062339.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062339.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062339.D (-906) (-)



#22

Diisopropyl ether

Concen: 21.375 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Tgt Ion: 45 Resp: 108800

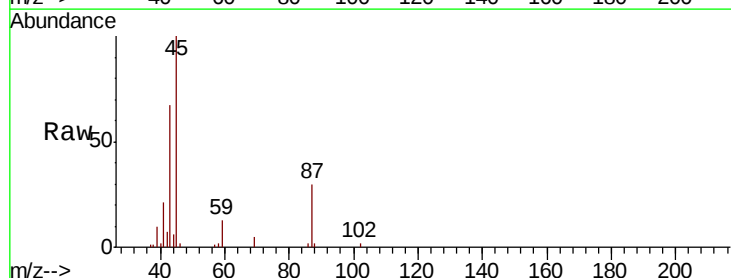
Ion Ratio Lower Upper

45 100

43 64.1 49.7 74.5

87 30.3 25.9 38.9

59 12.8 10.6 16.0

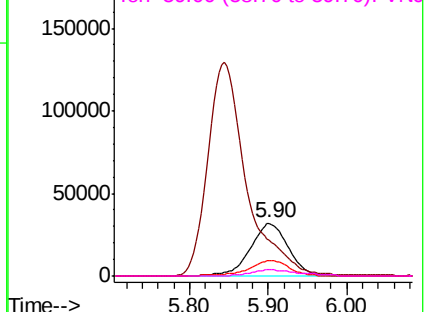
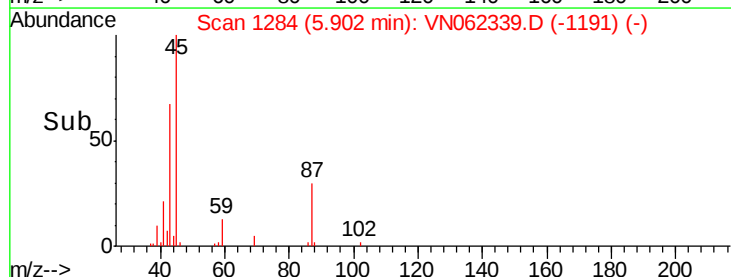


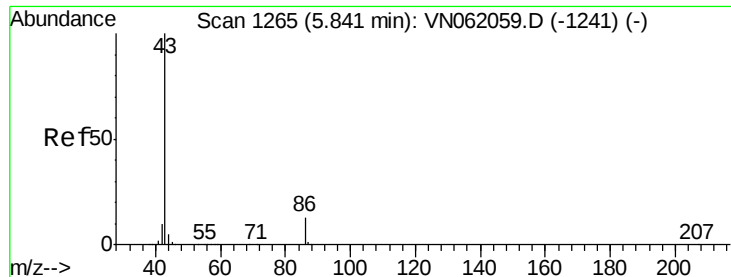
Abundance Ion 45.00 (44.70 to 45.70): VN062339.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062339.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062339.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062339.D (-1191) (-)





#23

Vinyl Acetate

Concen: 105.934 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

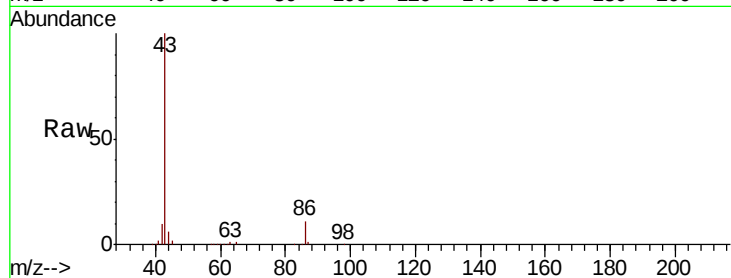
ClientSampled :

Tot Ion: 43 Resp: 440241

Ion Ratio Lower Upper

43 100

86 11.5 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062339.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062339.D (-1172) (-)

5.84

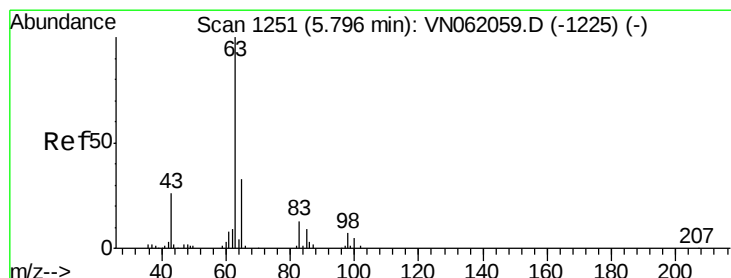
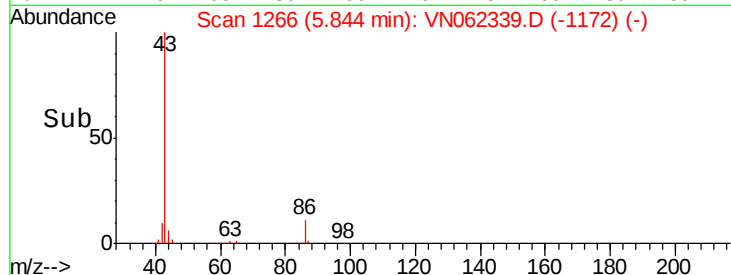
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.302 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

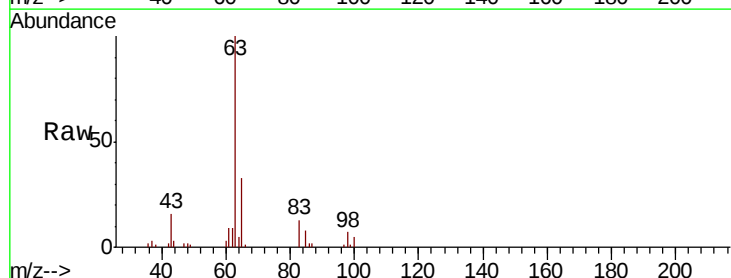
Tgt Ion: 63 Resp: 66544

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062339.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062339.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062339.D (-1158) (-)

25000

20000

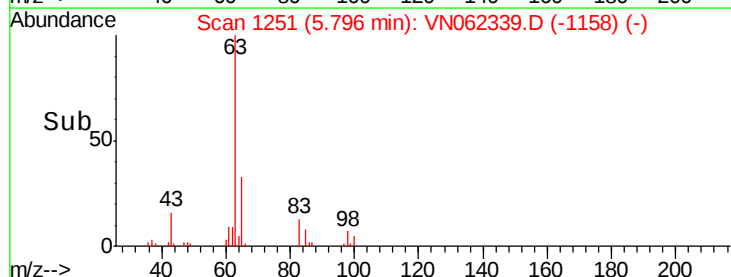
15000

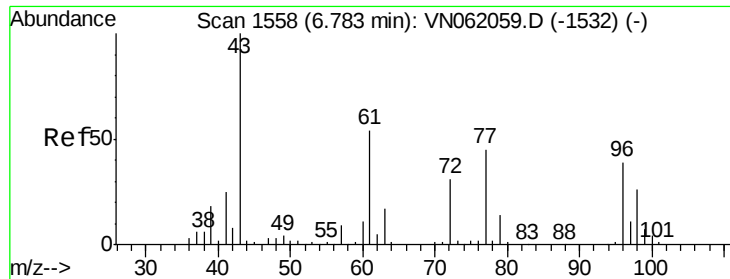
10000

5000

0

Time-->

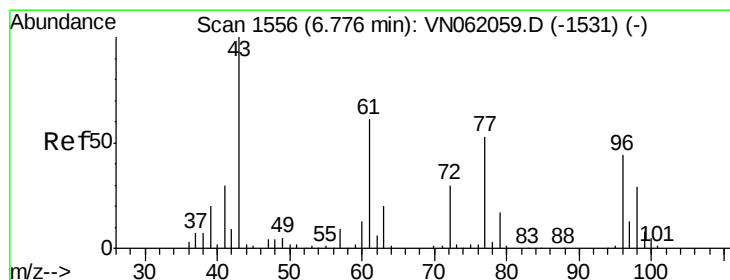
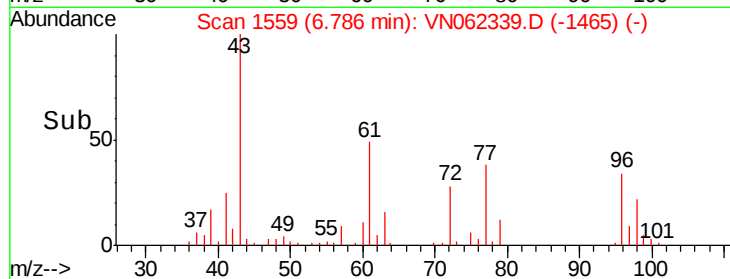
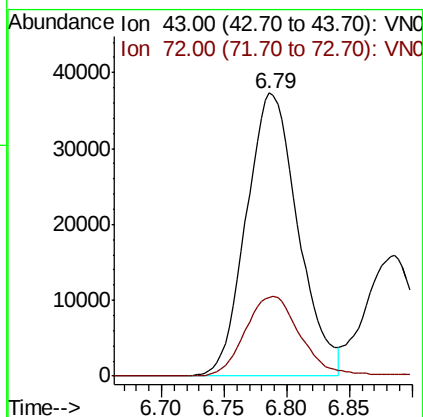
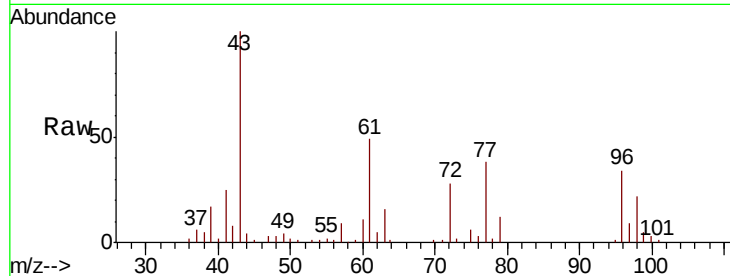




#25
2-Butanone
Concen: 109.421 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

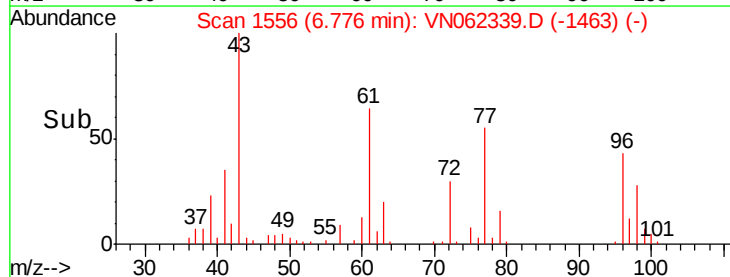
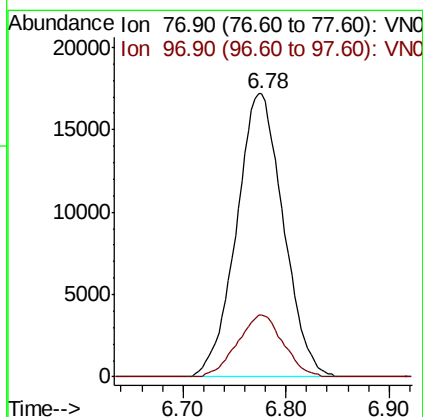
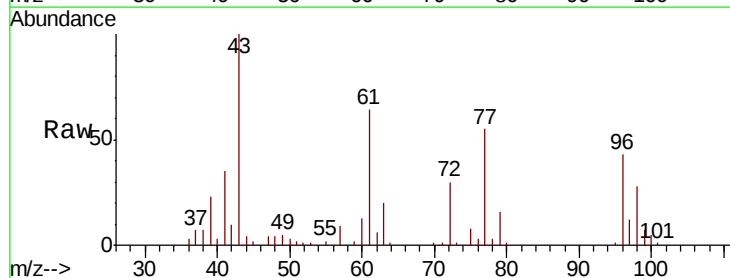
Instrument :
MSVOA_N
ClientSampled :

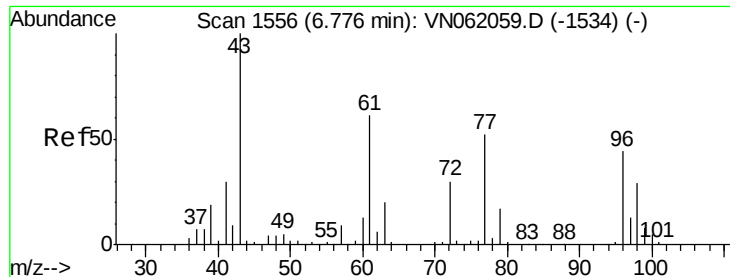
Tot Ion: 43 Resp: 107329
Ion Ratio Lower Upper
43 100
72 27.7 24.8 37.2



#26
2,2-Dichloropropane
Concen: 19.847 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion: 77 Resp: 54211
Ion Ratio Lower Upper
77 100
97 21.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.688 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :
MSVOA_N
ClientSampled :

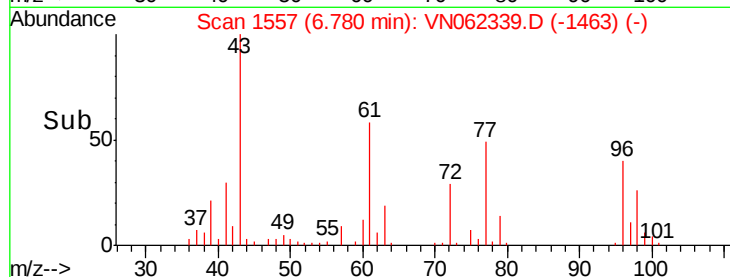
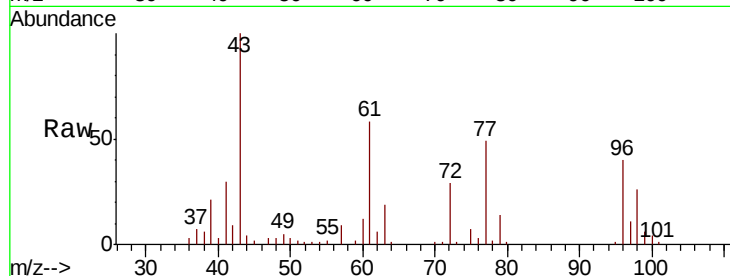
Tot Ion: 96 Resp: 39335

Ion Ratio Lower Upper

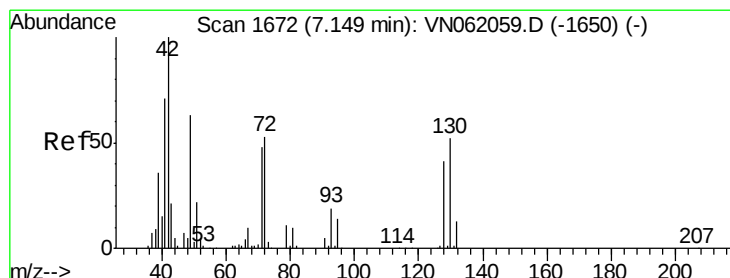
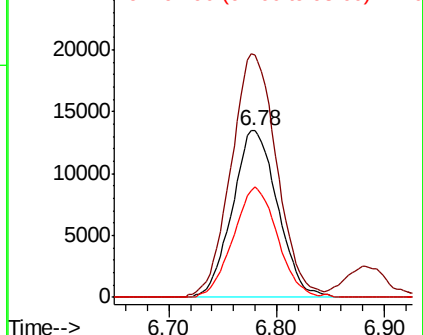
96 100

61 147.5 0.0 280.4

98 64.5 0.0 129.4



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



#28

Bromochloromethane

Concen: 20.246 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

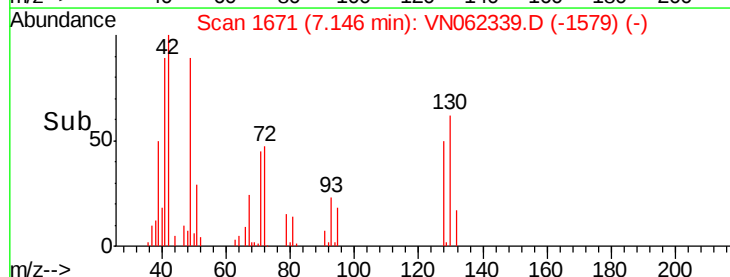
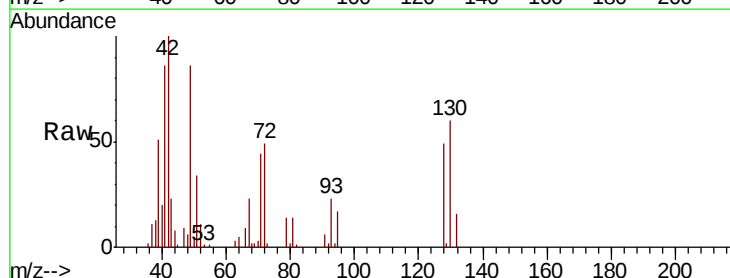
Tgt Ion: 49 Resp: 28793

Ion Ratio Lower Upper

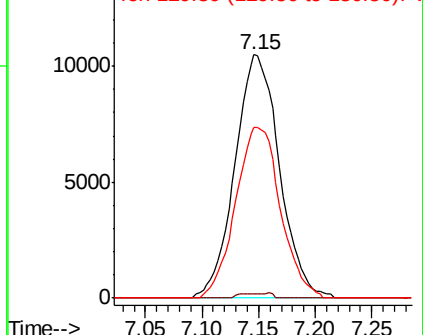
49 100

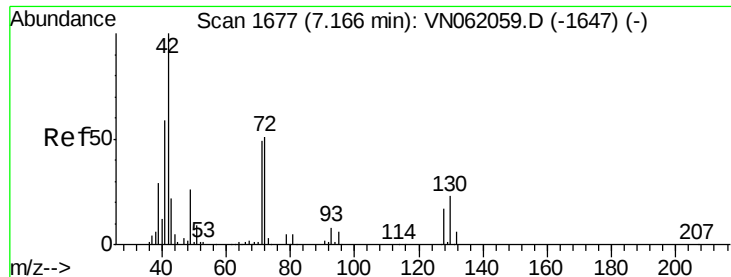
129 1.4 0.0 4.4

130 70.6 65.5 98.3



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

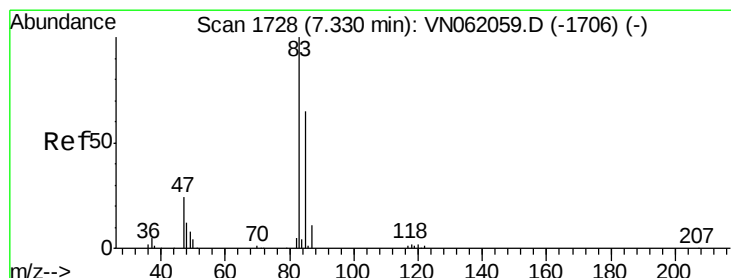
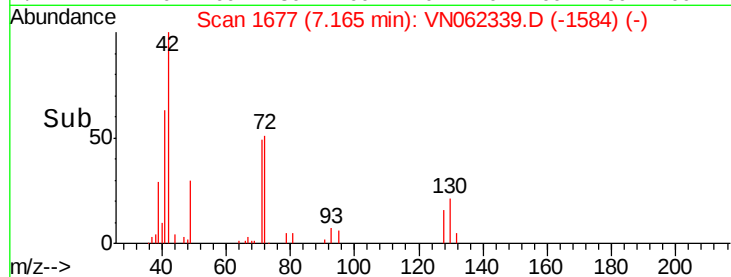
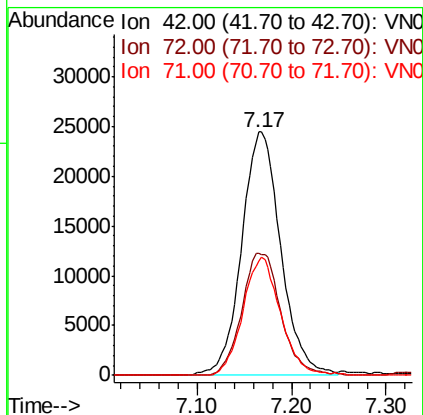
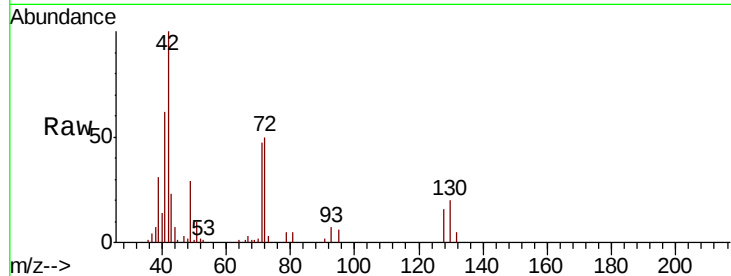




#29
Tetrahydrofuran
Concen: 109.655 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

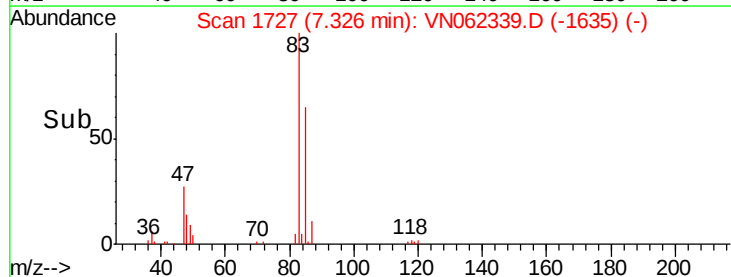
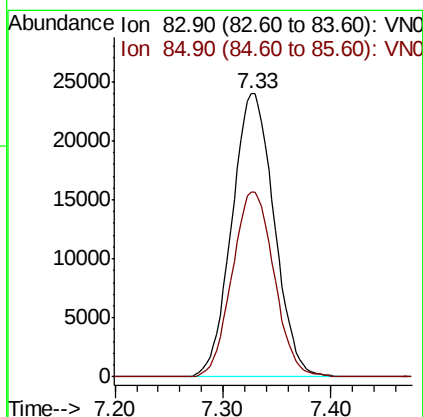
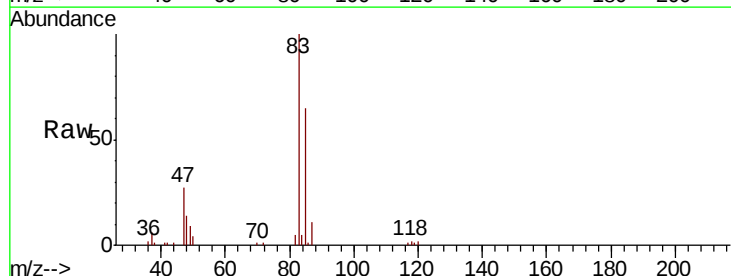
Instrument :
MSVOA_N
ClientSampled :

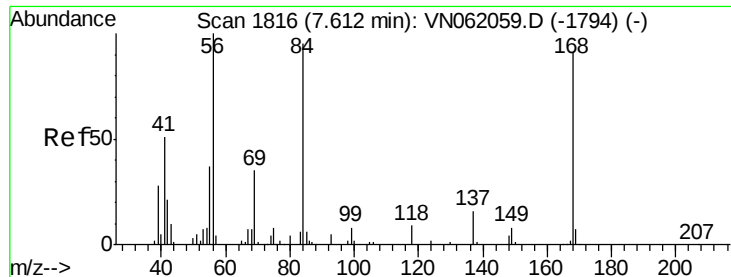
Tot Ion: 42 Resp: 70456
Ion Ratio Lower Upper
42 100
72 49.7 41.1 61.7
71 46.1 38.2 57.4



#30
Chloroform
Concen: 19.595 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion: 83 Resp: 65347
Ion Ratio Lower Upper
83 100
85 65.2 52.3 78.5





#31

Cyclohexane

Concen: 18.767 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :
MSVOA_N
ClientSampled :

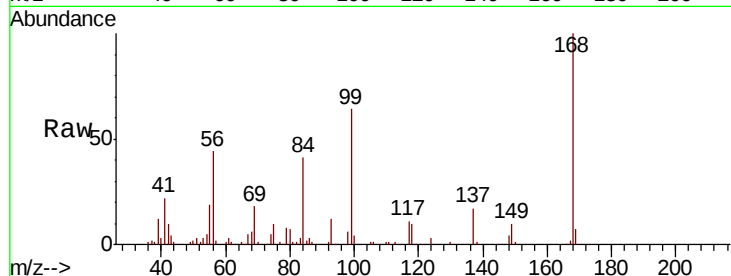
Tot Ion: 56 Resp: 52032

Ion Ratio Lower Upper

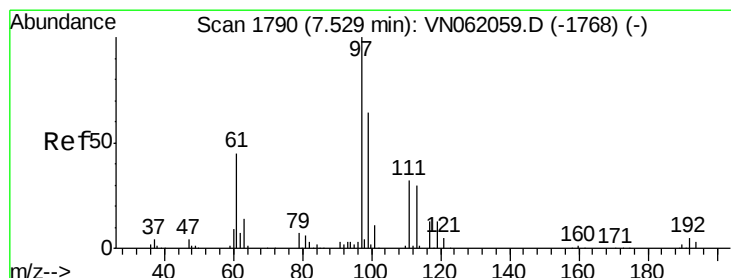
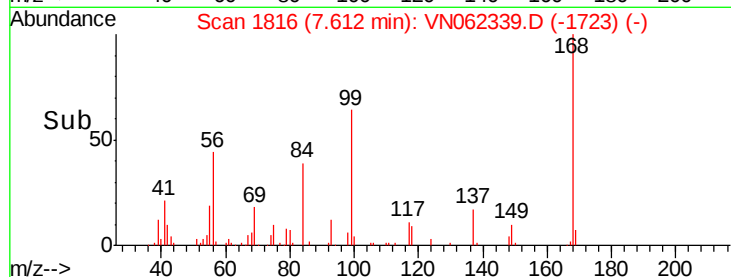
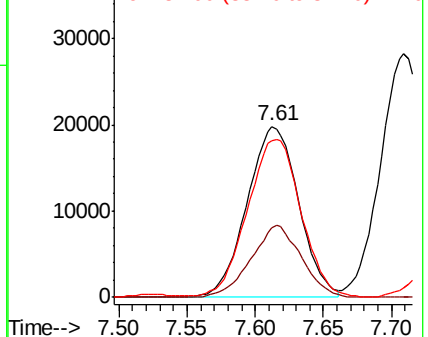
56 100

69 40.5 28.0 42.0

84 91.1 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.909 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

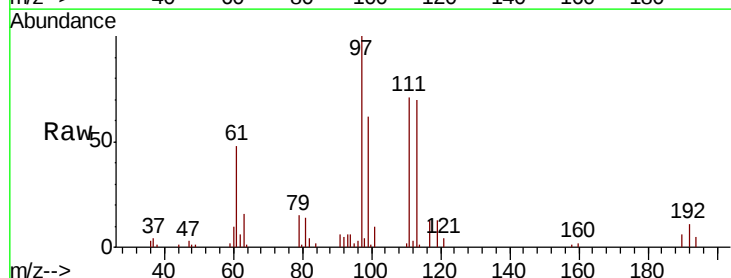
Tgt Ion: 97 Resp: 53179

Ion Ratio Lower Upper

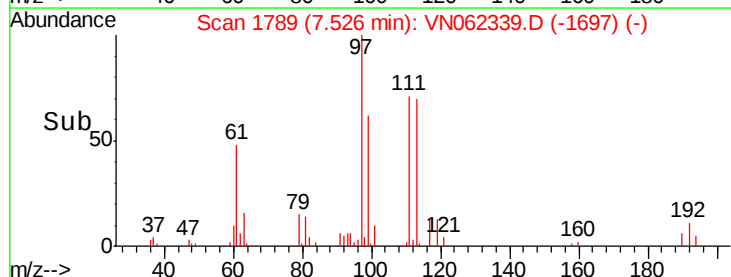
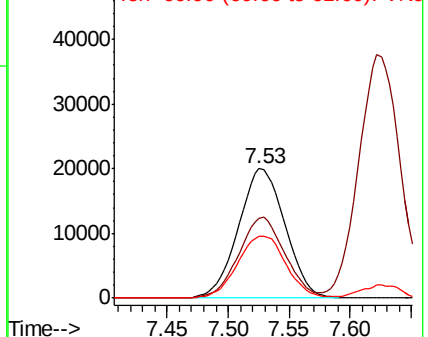
97 100

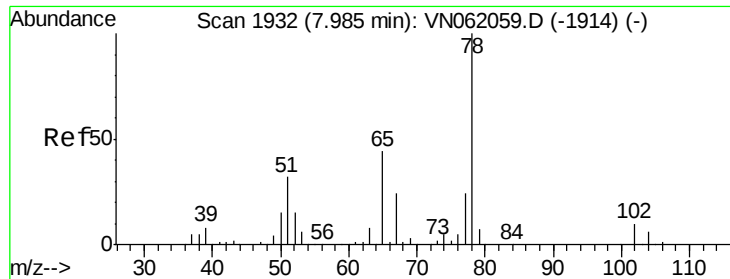
99 61.5 51.0 76.4

61 49.6 36.2 54.2



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

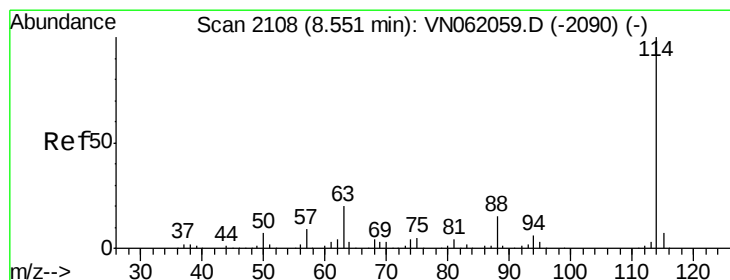
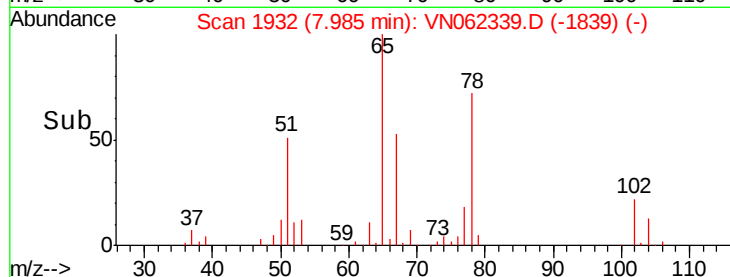
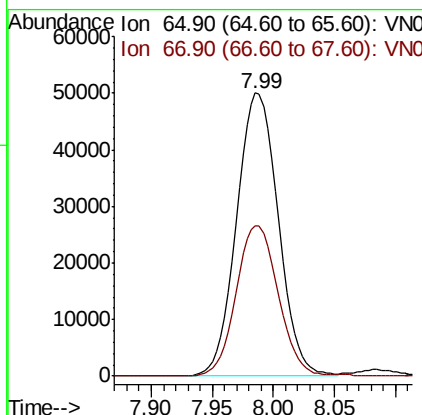
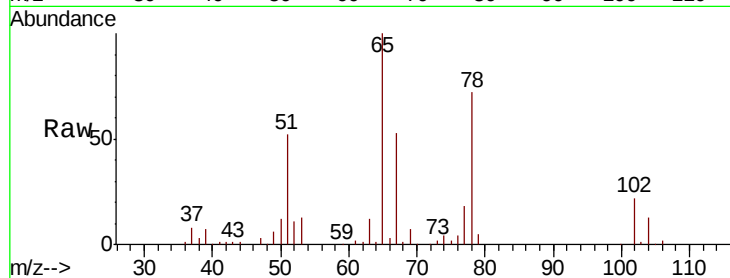




#33
 1,2-Dichloroethane-d4
 Concen: 59.006 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062339.D
 Acq: 2 Jul 2020 17:41

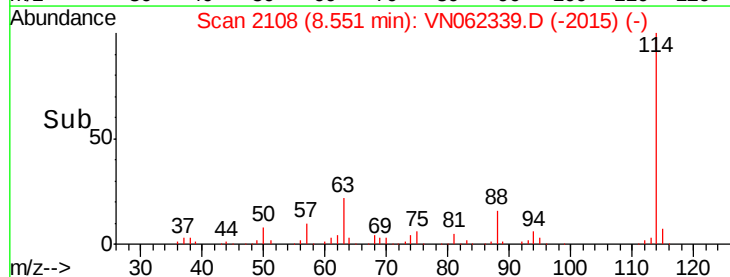
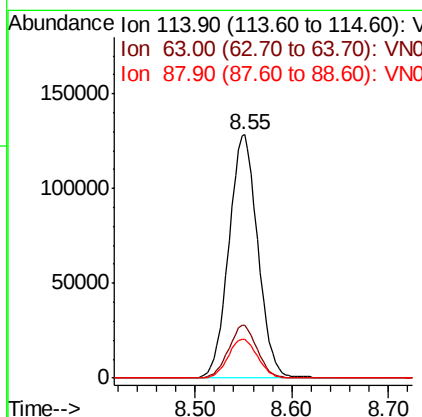
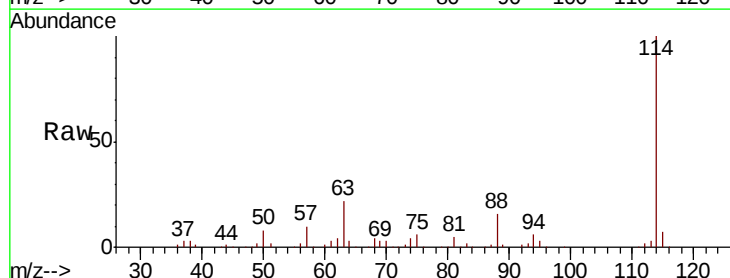
Instrument :
 MSVOA_N
 ClientSampleId :

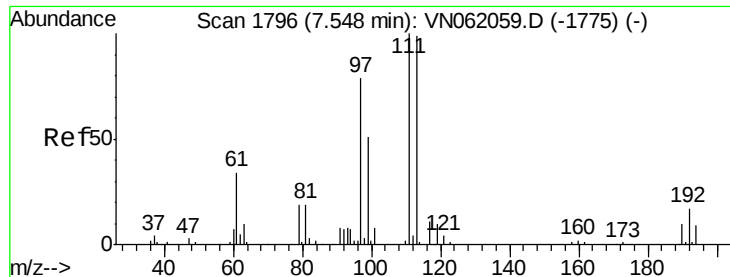
Tot Ion: 65 Resp: 118412
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062339.D
 Acq: 2 Jul 2020 17:41

Tgt Ion: 114 Resp: 266721
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 39.2
 88 15.9 0.0 30.8

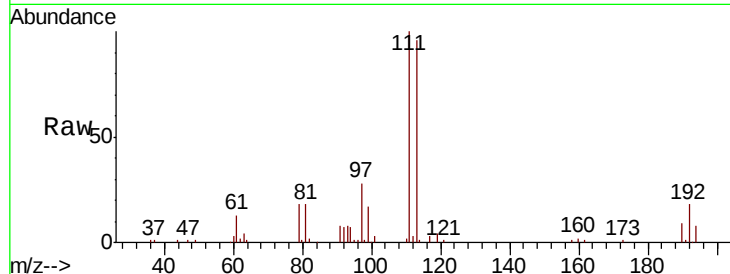




#35
 Dibromofluoromethane
 Concen: 52.349 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062339.D
 Acq: 2 Jul 2020 17:41

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.2	123.4
192	17.1	14.0	21.0

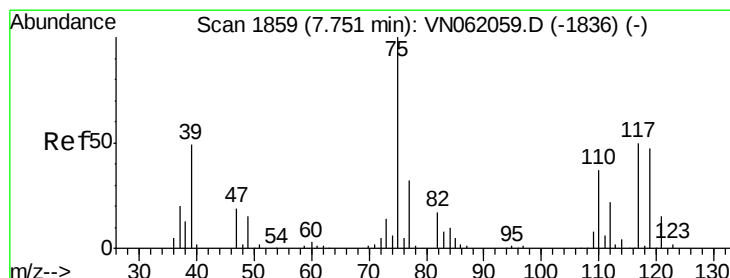
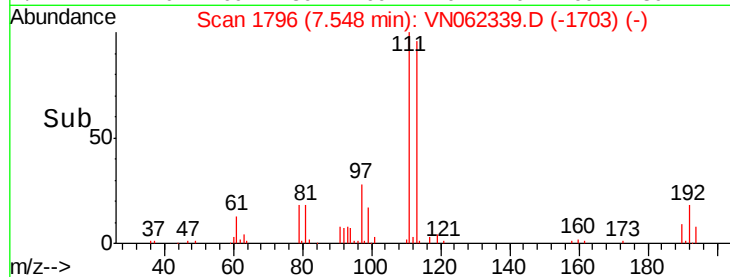
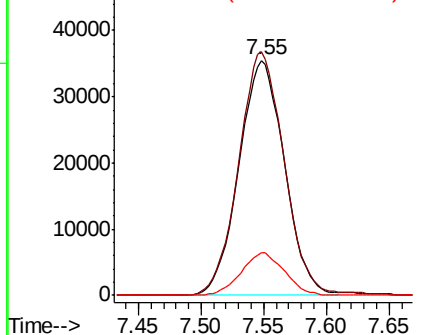


Abundance

Ion 112.80 (112.50 to 113.50): V

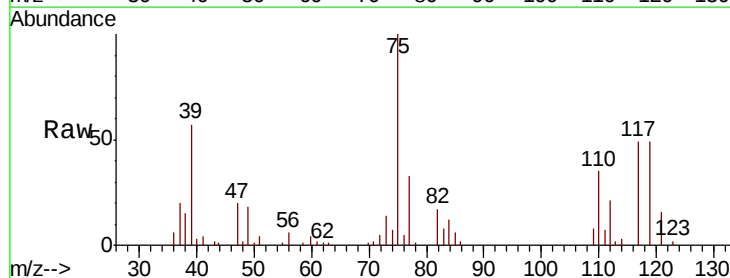
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 17.448 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062339.D
 Acq: 2 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.9	53.8
77	32.0	24.9	37.3

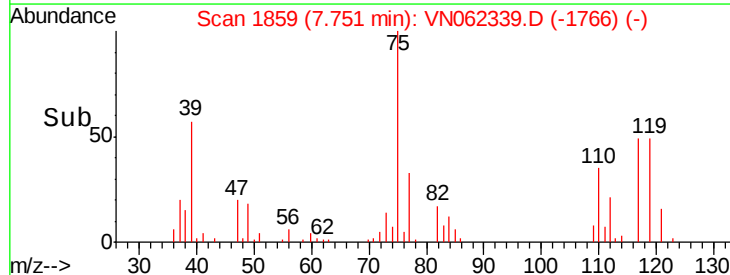
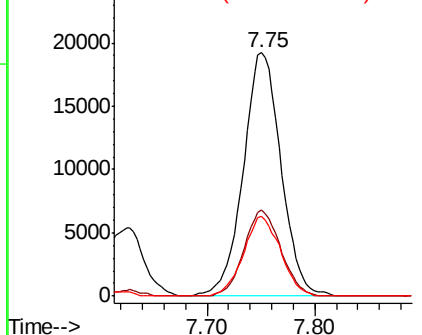


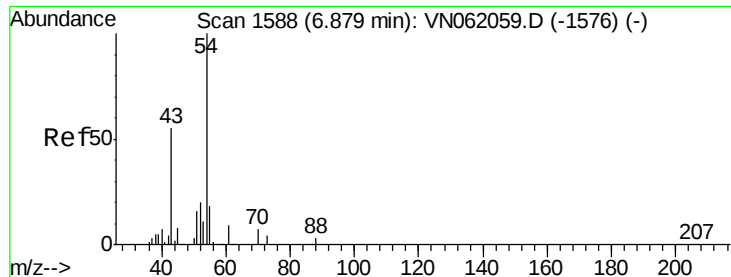
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

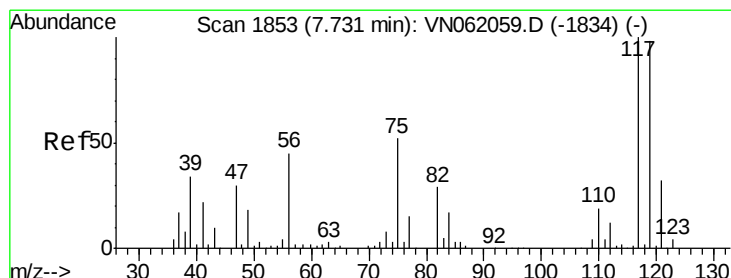
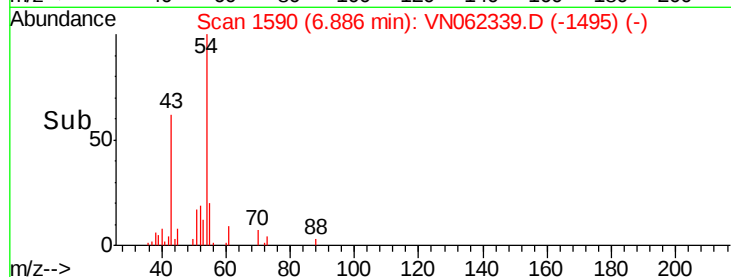
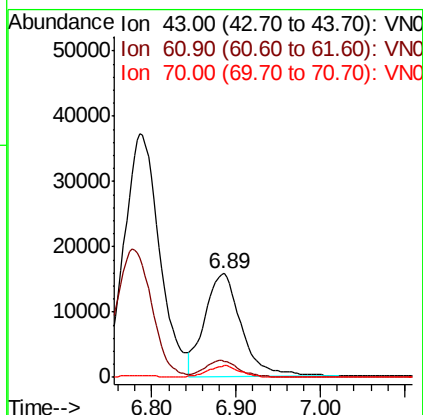
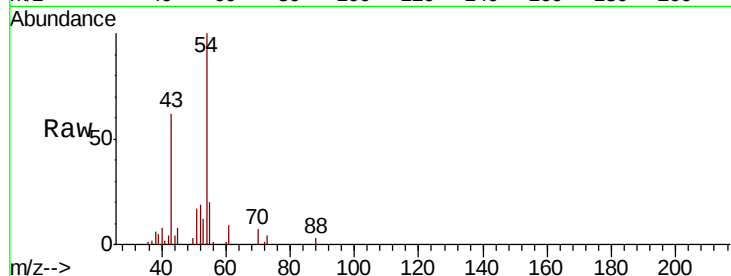




#37
Ethyl Acetate
Concen: 21.652 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.01 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

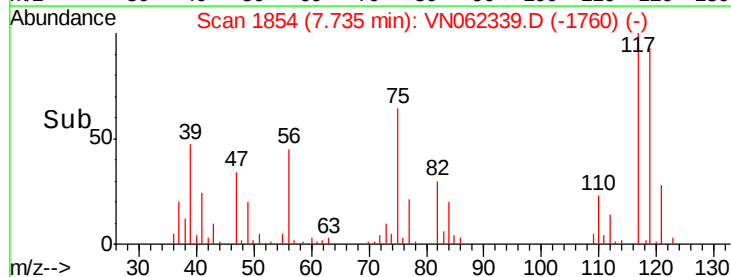
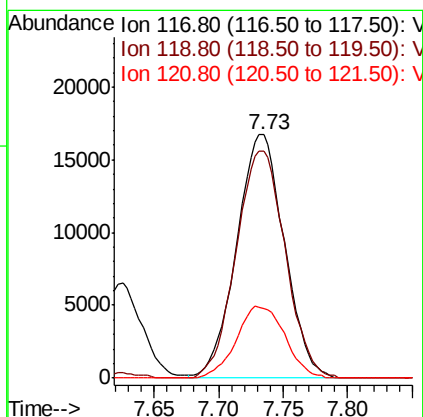
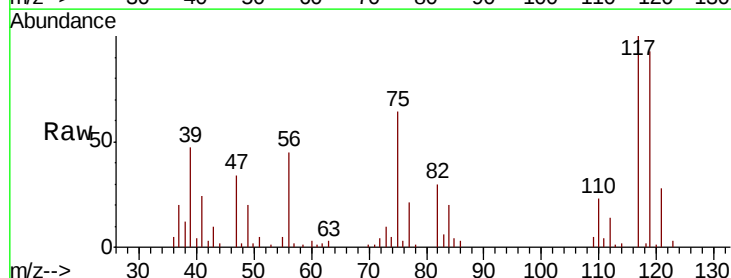
Instrument :
MSVOA_N
ClientSampled :

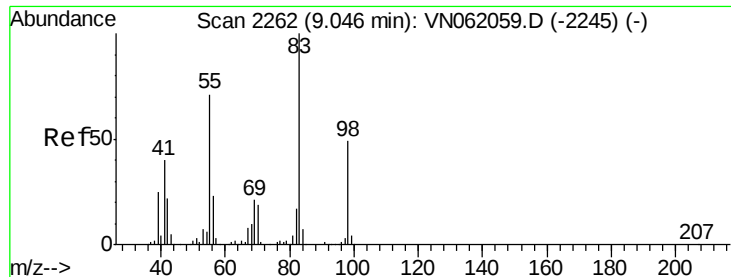
Tot Ion: 43 Resp: 48066
Ion Ratio Lower Upper
43 100
61 14.9 12.0 18.0
70 9.8 9.6 14.4



#38
Carbon Tetrachloride
Concen: 17.081 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion: 117 Resp: 43173
Ion Ratio Lower Upper
117 100
119 93.0 78.2 117.2
121 28.4 25.8 38.6

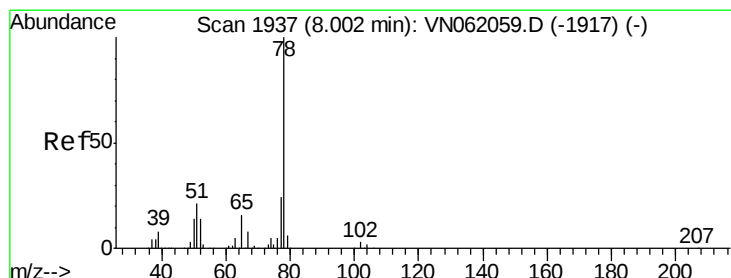
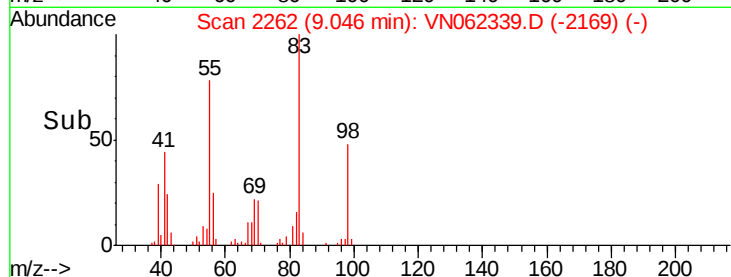
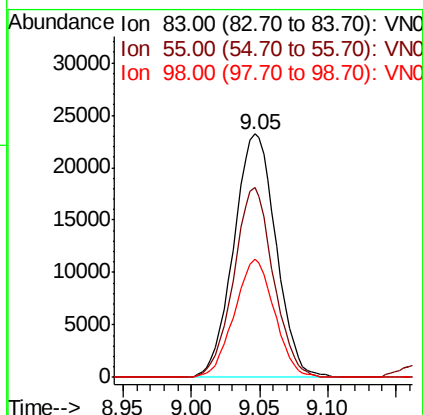
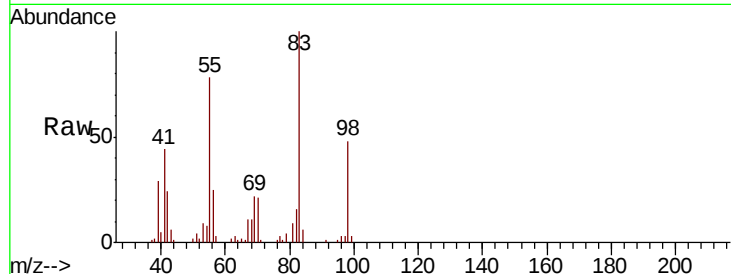




#39
Methvlcvclohexane
Concen: 17.015 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

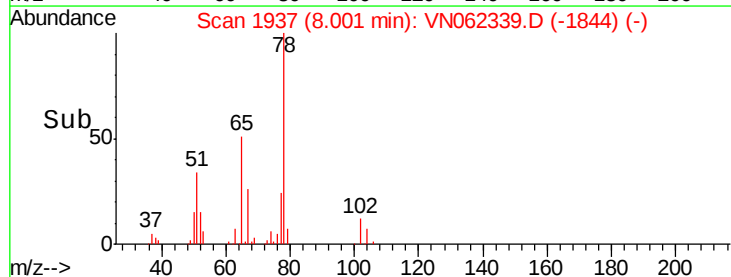
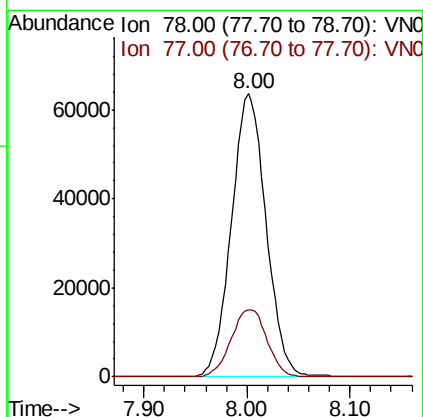
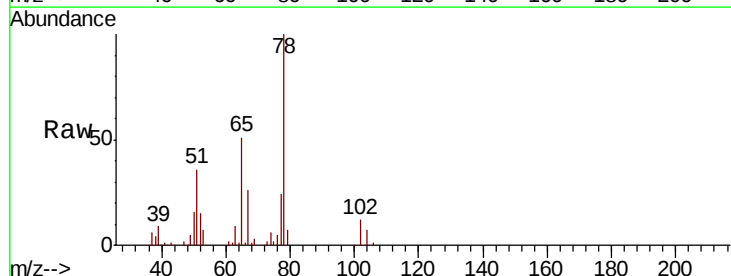
Instrument :
MSVOA_N
ClientSampled :

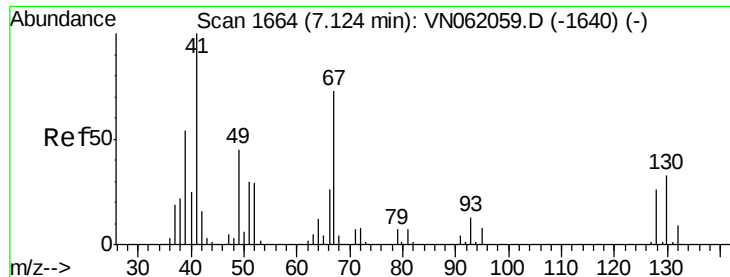
Tot Ion	83	Resp	49980
Ion	Ratio	Lower	Upper
83	100		
55	78.2	57.0	85.6
98	48.3	39.0	58.6



#40
Benzene
Concen: 18.236 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion	78	Resp	149012
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3

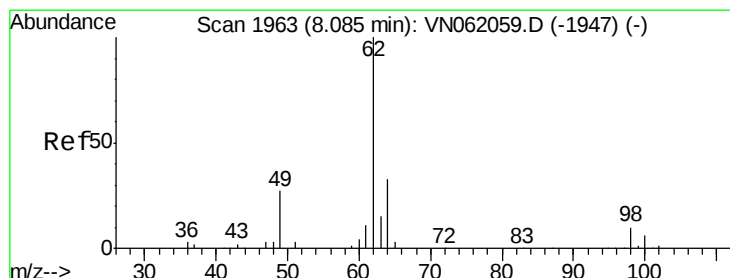
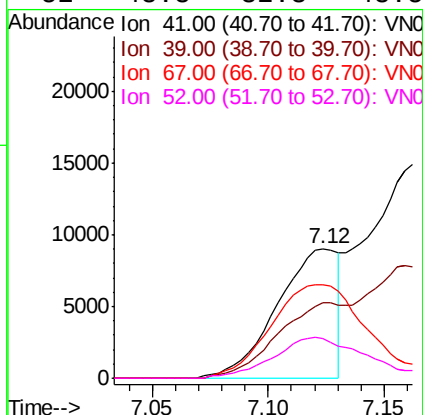
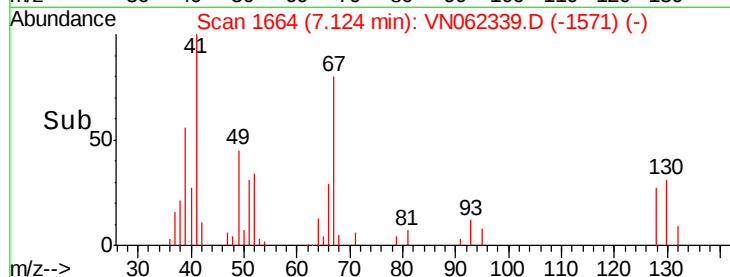
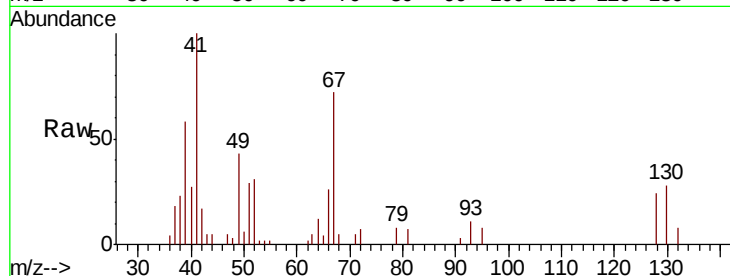




#41
Methacrylonitrile
Concen: 16.012 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

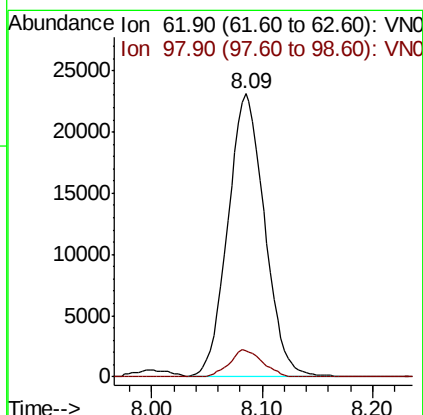
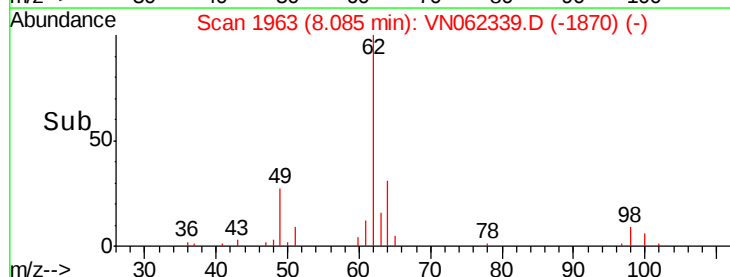
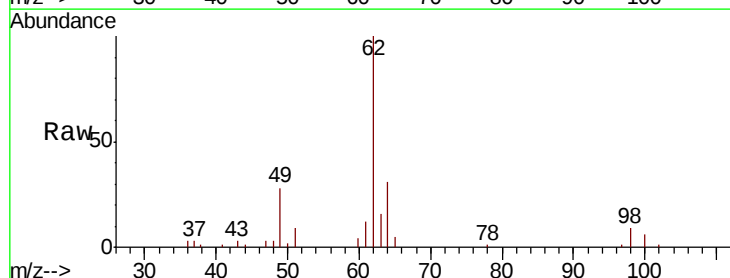
Instrument :
MSVOA_N
ClientSampled :

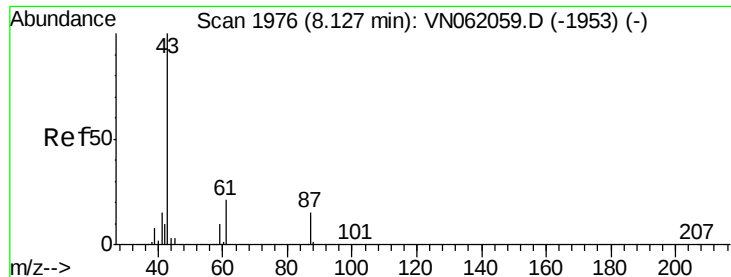
Tot Ion: 41 Resp: 16479
Ion Ratio Lower Upper
41 100
39 64.0 44.2 66.2
67 115.8 79.5 119.3
52 48.8 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 19.390 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion: 62 Resp: 53531
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8

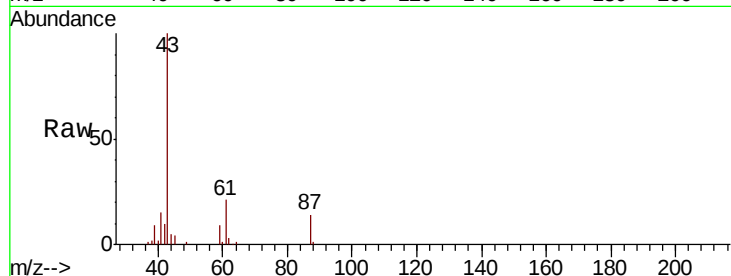




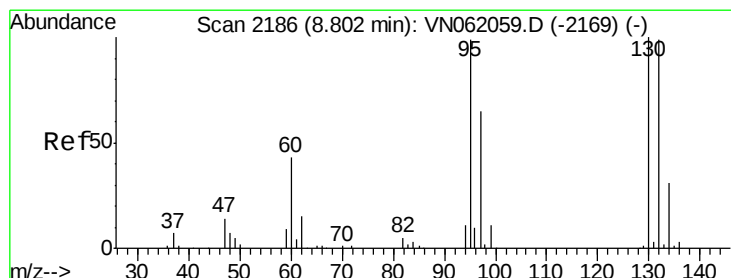
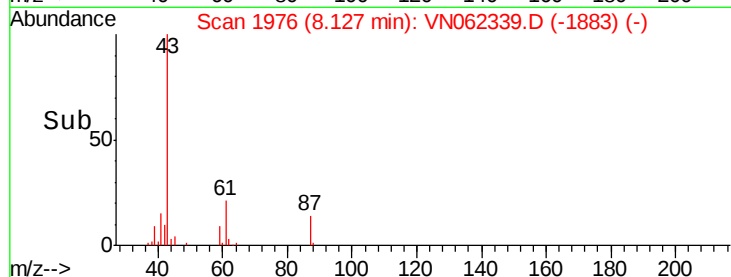
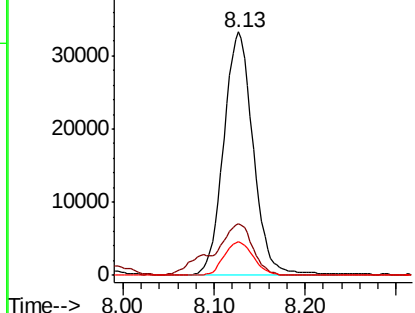
#43
Isopropyl Acetate
Concen: 20.716 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 74970
Ion Ratio Lower Upper
43 100
61 21.5 17.2 25.8
87 13.5 12.1 18.1

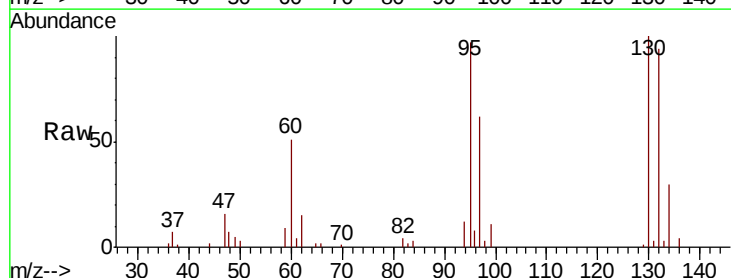


Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)
Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)
Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)

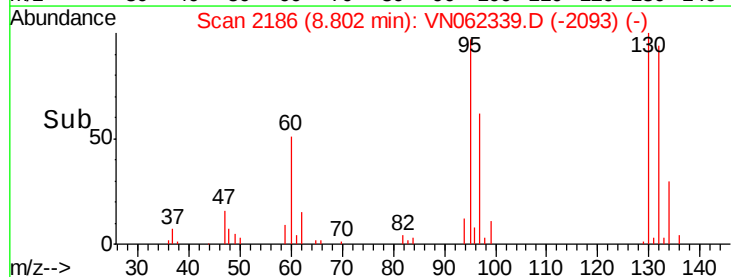
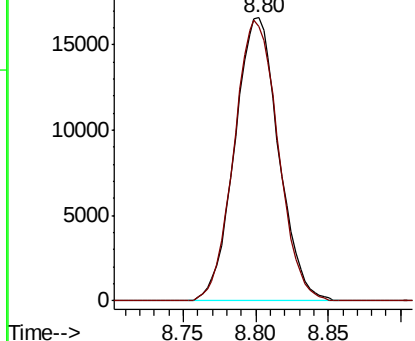


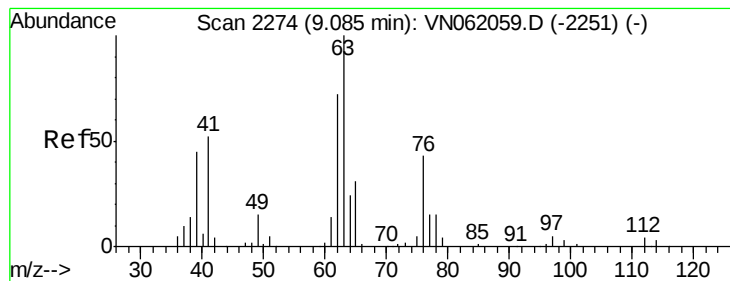
#44
Trichloroethene
Concen: 16.929 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion:130 Resp: 34895
Ion Ratio Lower Upper
130 100
95 97.0 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)
Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 19.758 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

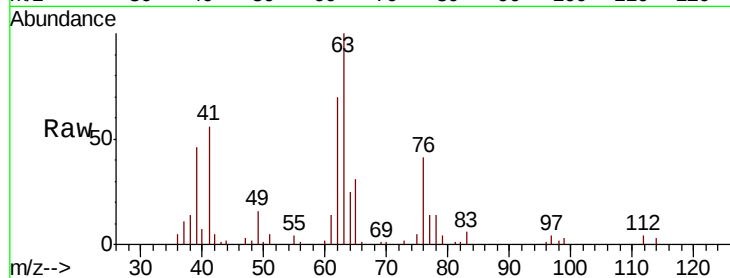
ClientSampled :

Tot Ion: 63 Resp: 39831

Ion Ratio Lower Upper

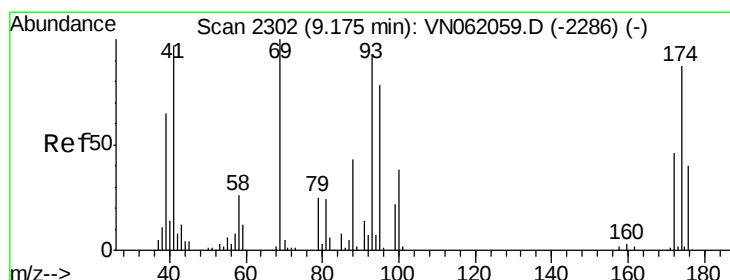
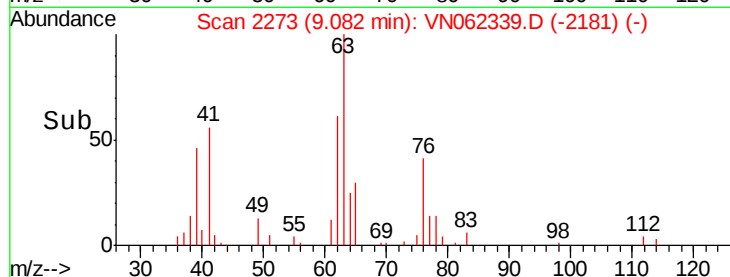
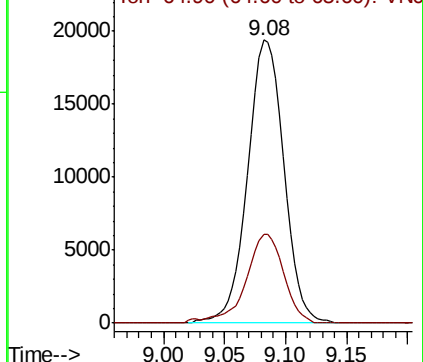
63 100

65 31.2 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.629 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

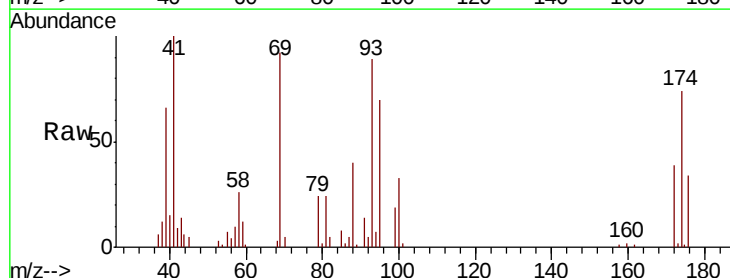
Tgt Ion: 93 Resp: 25462

Ion Ratio Lower Upper

93 100

95 80.4 67.0 100.6

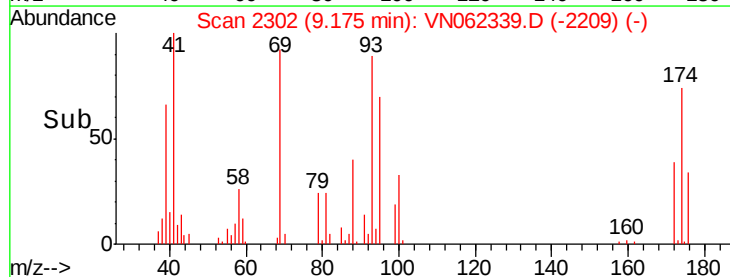
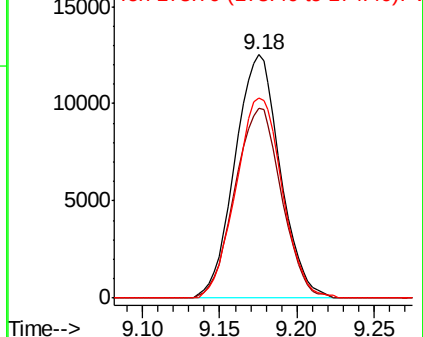
174 84.2 74.4 111.6

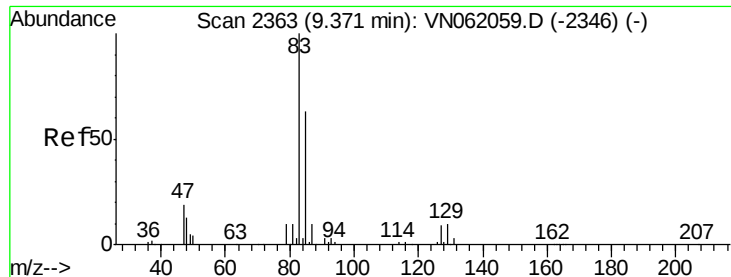


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.327 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

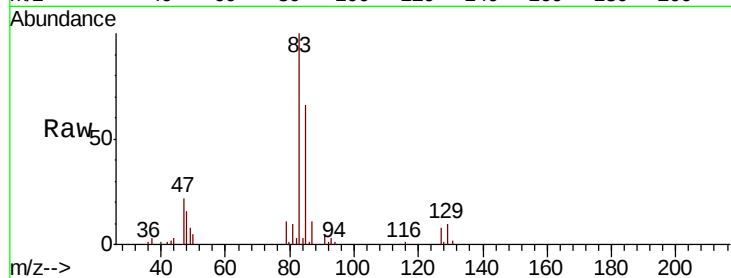
Tot Ion: 83 Resp: 50578

Ion Ratio Lower Upper

83 100

85 66.4 50.3 75.5

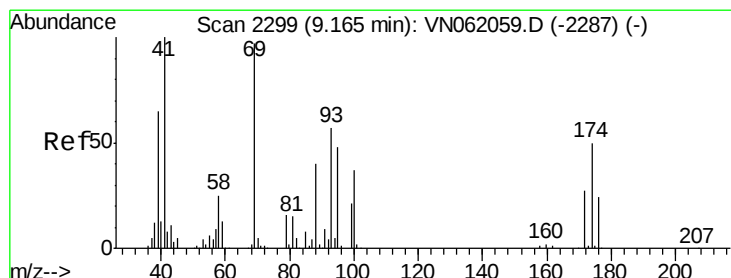
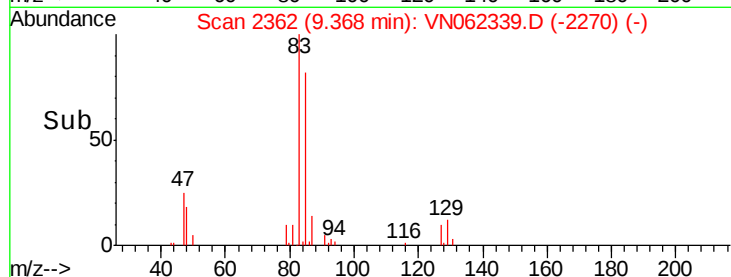
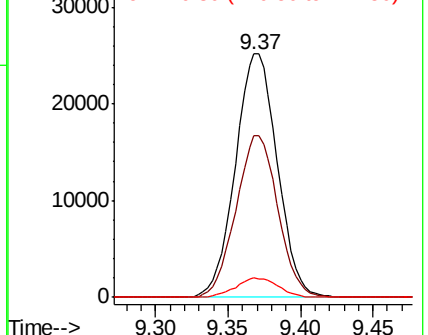
127 8.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062339.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062339.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062339.D (-2270) (-)



#48

Methyl methacrylate

Concen: 19.967 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

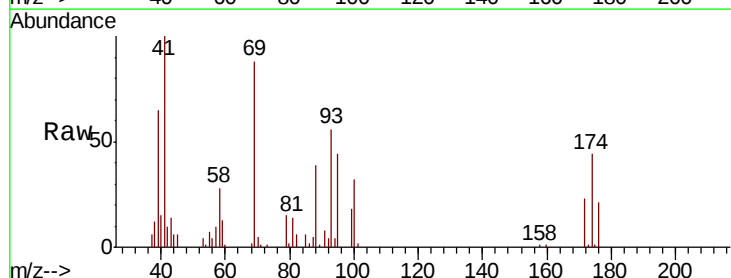
Tgt Ion: 41 Resp: 32399

Ion Ratio Lower Upper

41 100

69 95.9 80.7 121.1

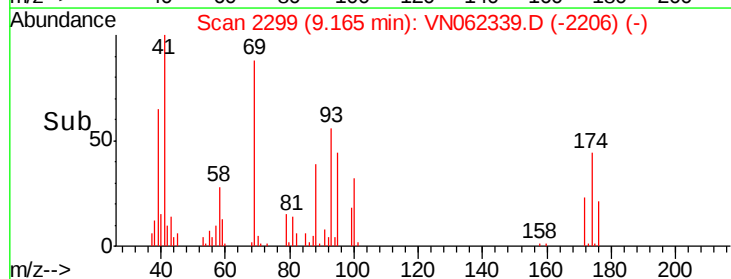
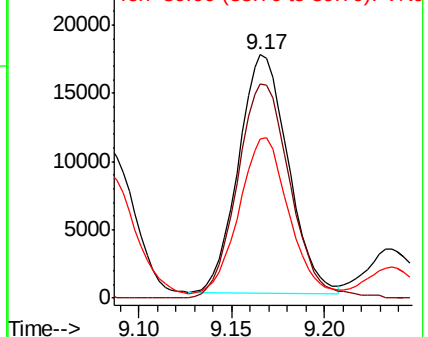
39 69.3 54.5 81.7

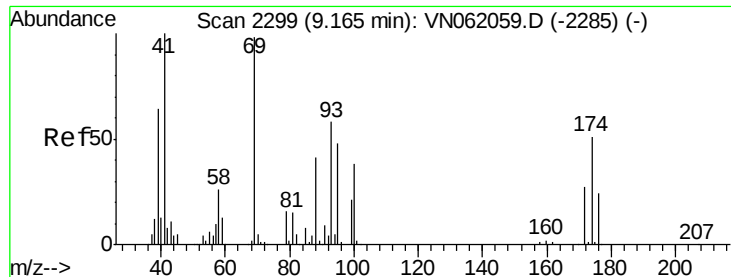


Abundance Ion 41.00 (40.70 to 41.70): VN062339.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062339.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062339.D (-2206) (-)

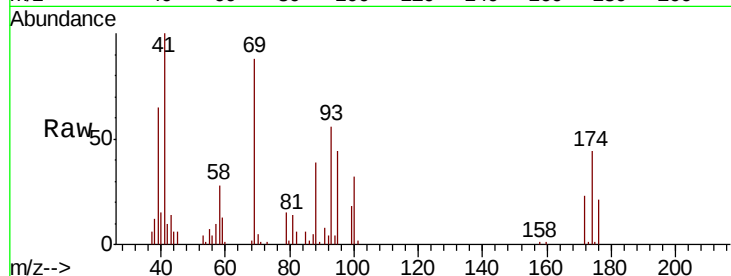




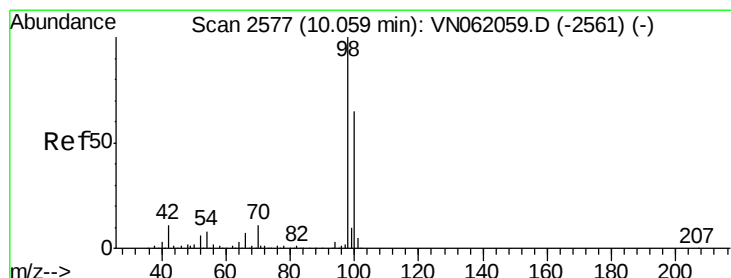
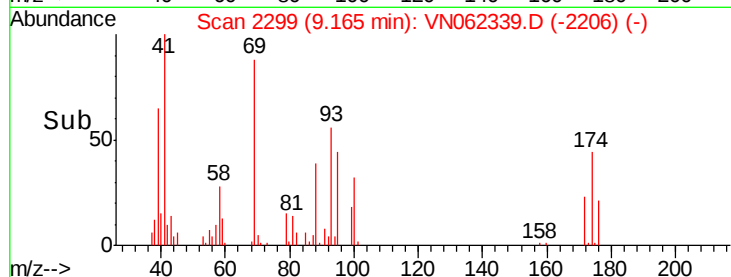
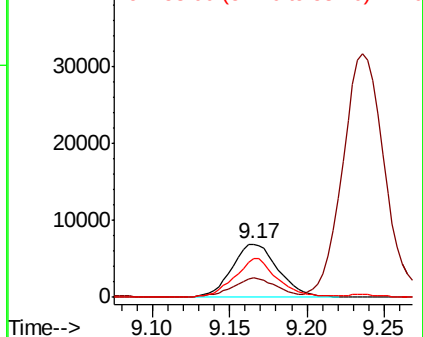
#49
1,4-Dioxane
Concen: 399.182 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 14364
Ion Ratio Lower Upper
88 100
43 34.7 22.0 33.0#
58 67.1 49.2 73.8

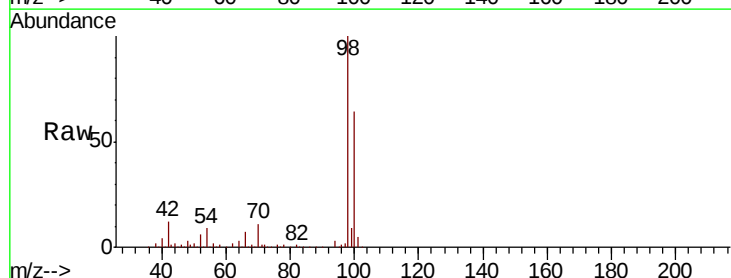


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

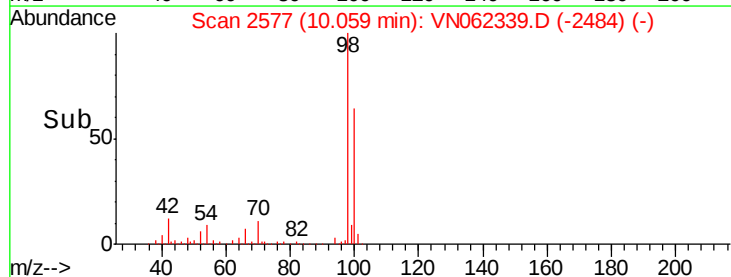
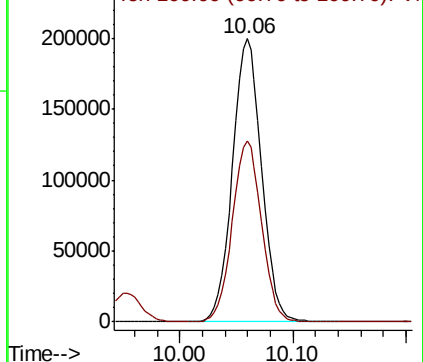


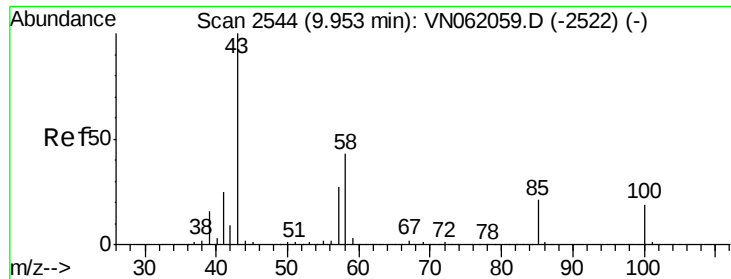
#50
Toluene-d8
Concen: 52.233 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion: 98 Resp: 357271
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 107.787 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

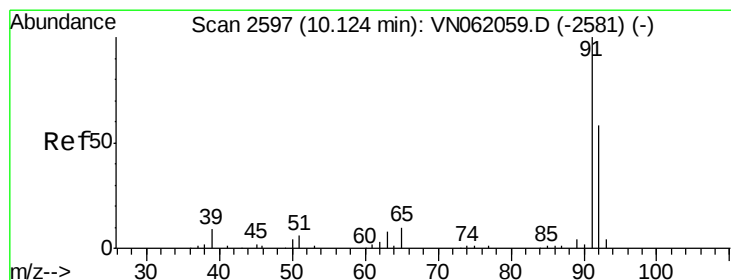
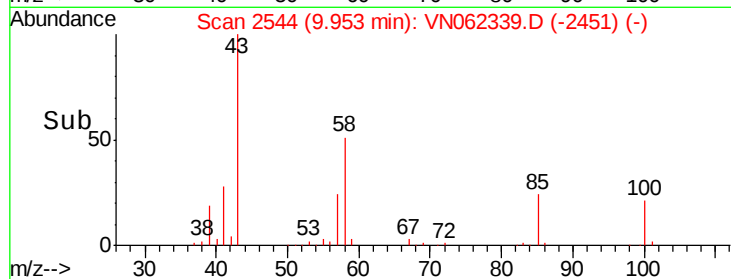
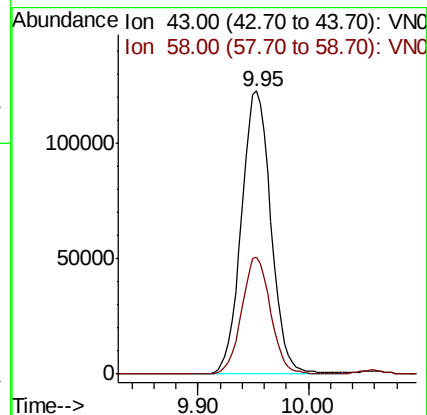
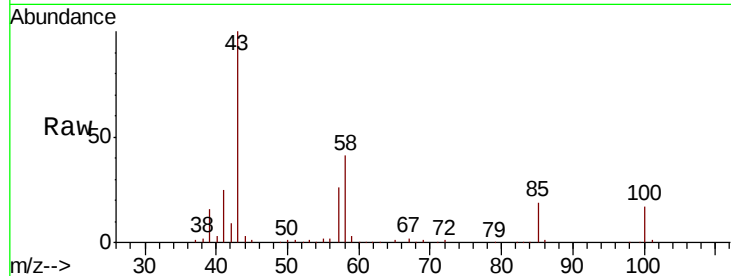
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 227903

Ion Ratio Lower Upper

43 100

58 40.3 34.2 51.2



#52

Toluene

Concen: 18.326 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062339.D

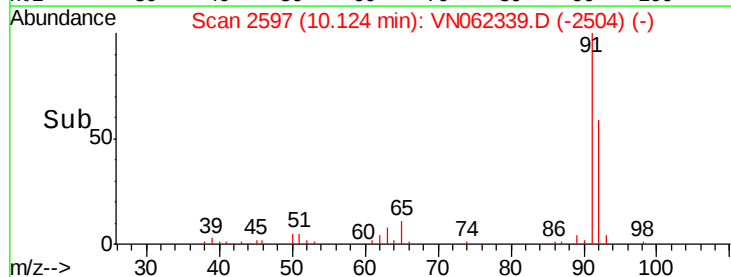
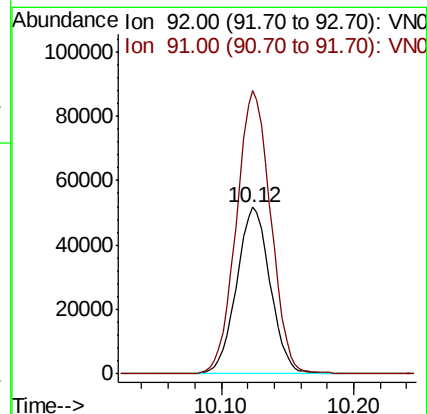
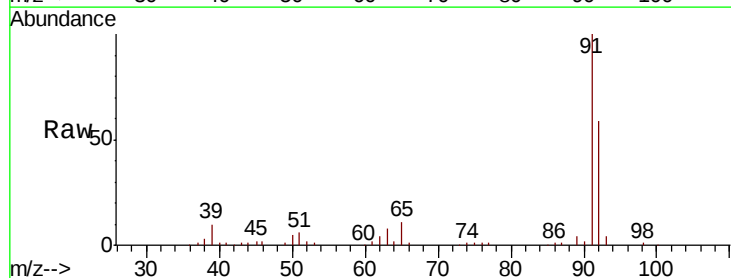
Acq: 2 Jul 2020 17:41

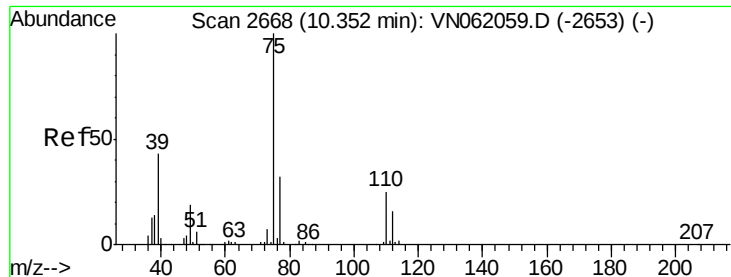
Tgt Ion: 92 Resp: 91369

Ion Ratio Lower Upper

92 100

91 173.6 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 18.457 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

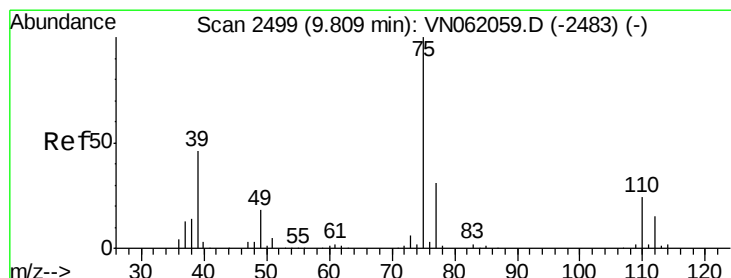
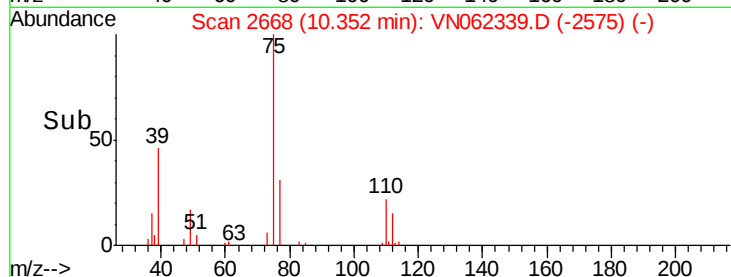
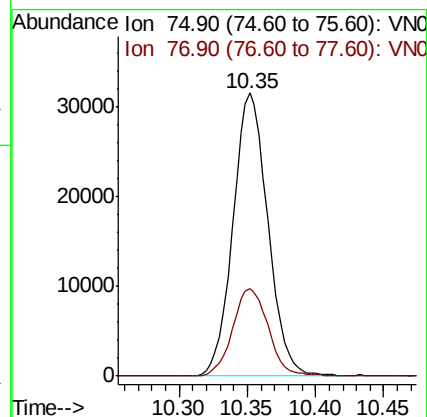
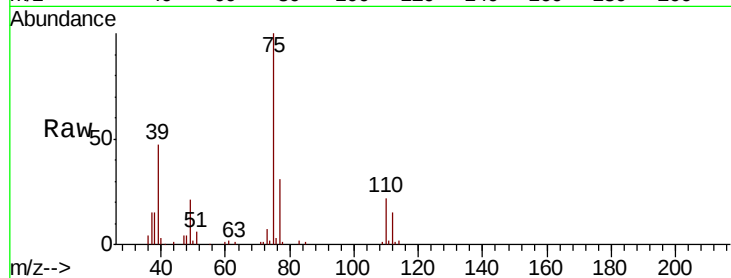
ClientSampleId :

Tot Ion: 75 Resp: 56040

Ion Ratio Lower Upper

75 100

77 30.7 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.073 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

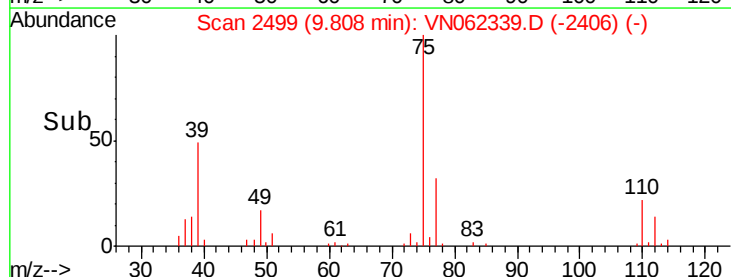
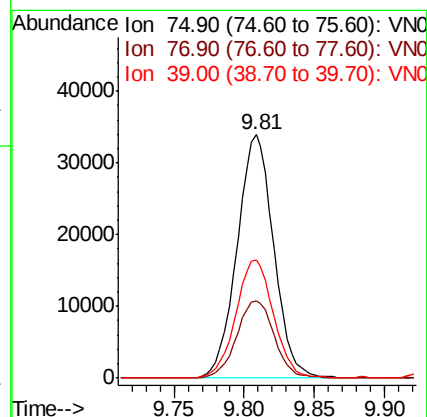
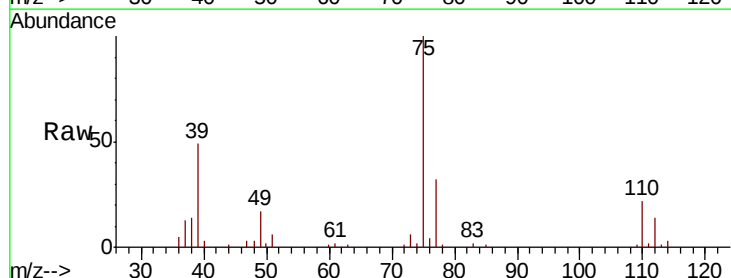
Tgt Ion: 75 Resp: 61654

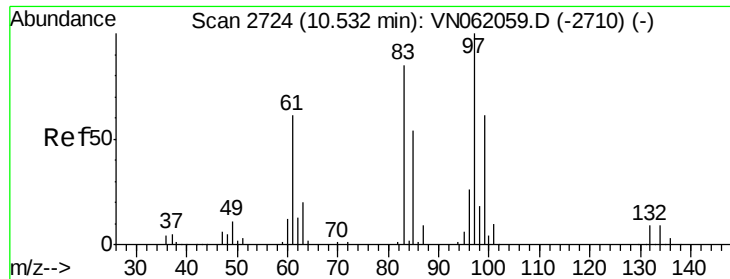
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

39 48.7 36.9 55.3

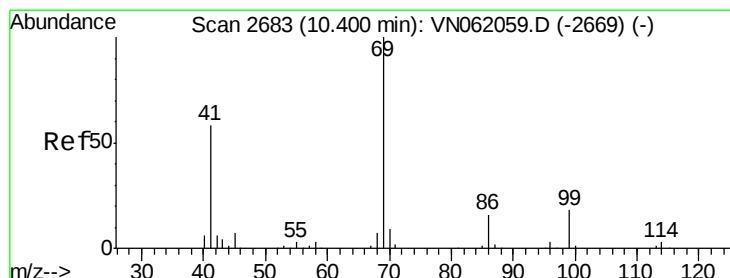
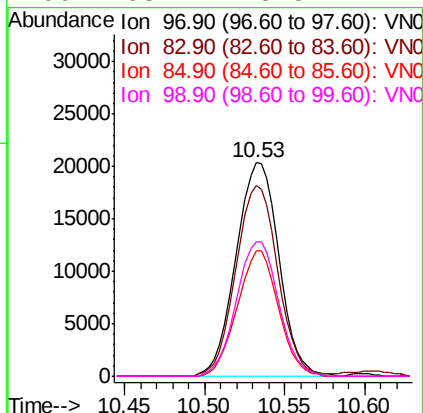
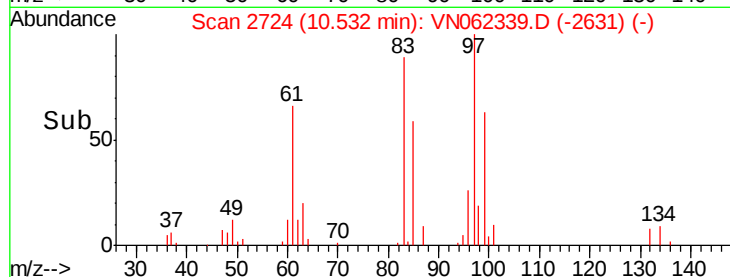
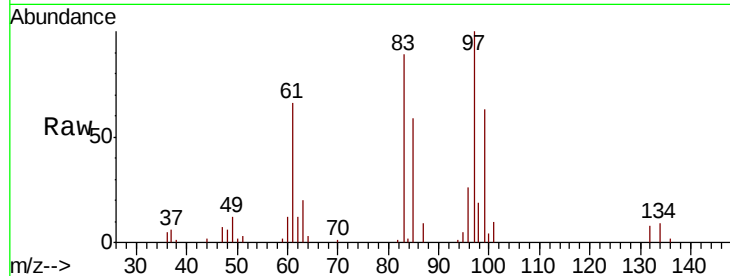




#55
1,1,2-Trichloroethane
Concen: 19.029 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

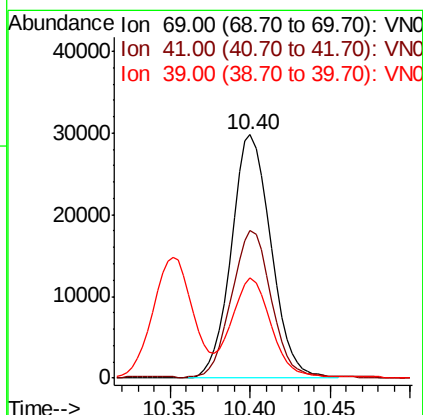
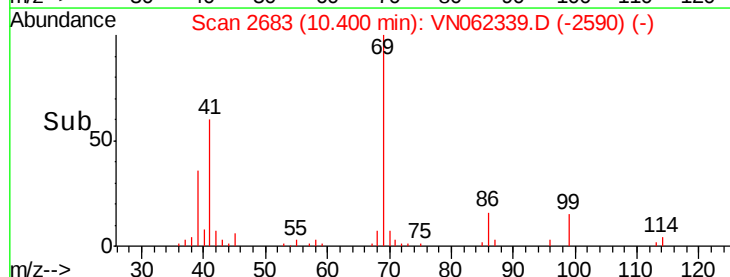
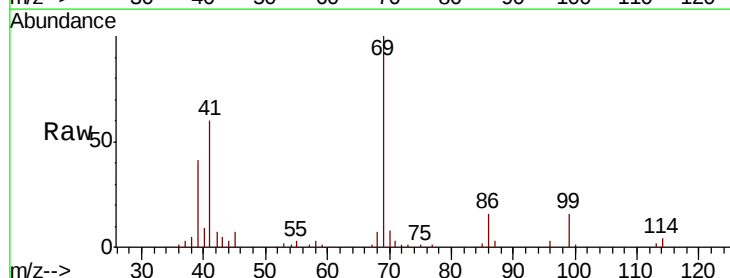
Instrument :
MSVOA_N
ClientSampleId :

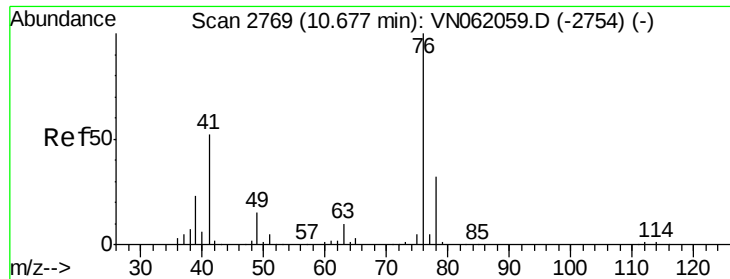
Tot Ion:	97	Resp:	37295
Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.2	102.2
85	58.8	43.2	64.8
99	63.1	48.5	72.7



#56
Ethyl methacrylate
Concen: 19.280 ug/l
RT: 10.40 min Scan# 2683
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion:	69	Resp:	50427
Ion	Ratio	Lower	Upper
69	100		
41	61.1	46.6	70.0
39	39.7	31.0	46.4

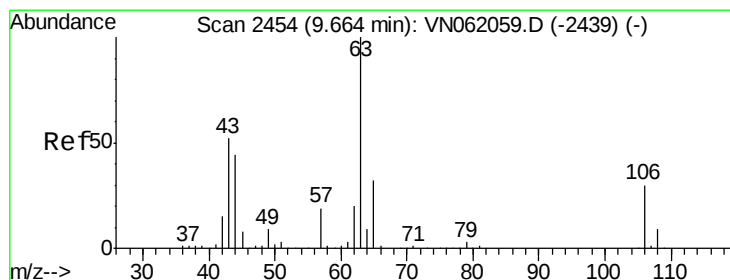
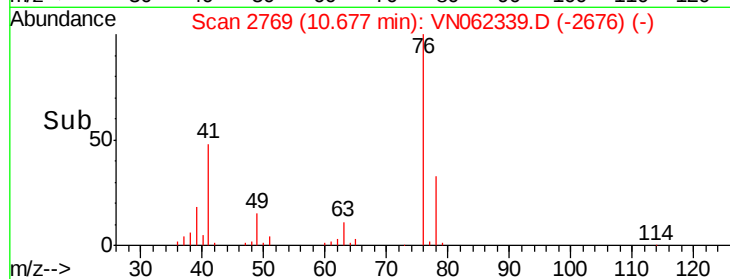
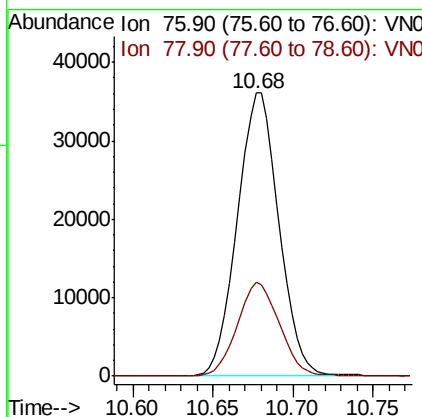
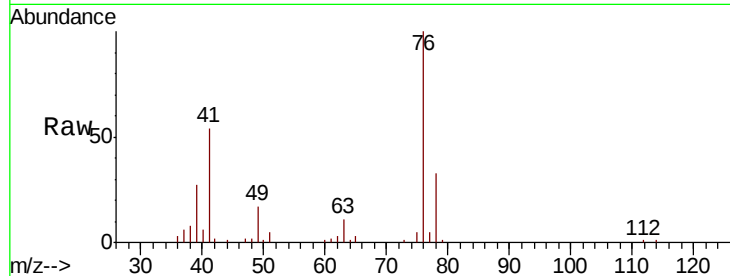




#57
 1,3-Dichloropropane
 Concen: 18.993 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062339.D
 Acq: 2 Jul 2020 17:41

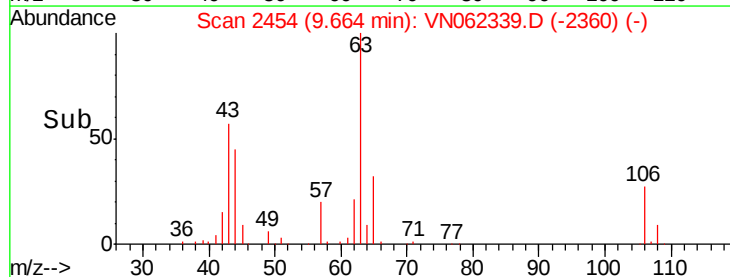
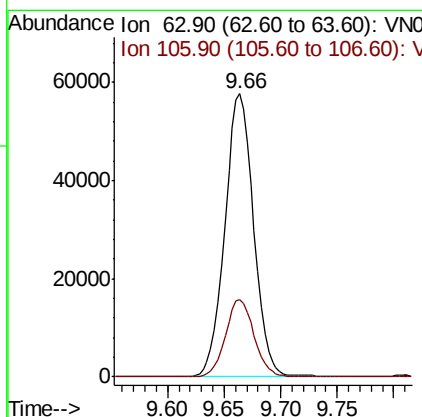
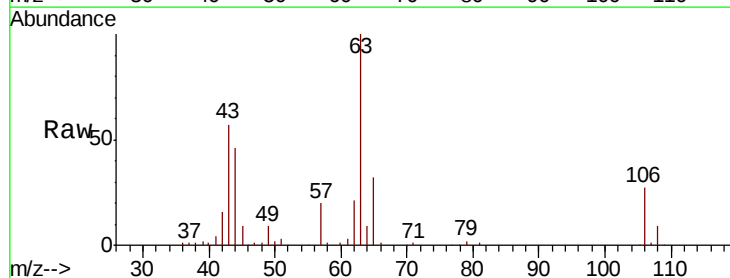
Instrument :
 MSVOA_N
 ClientSampled :

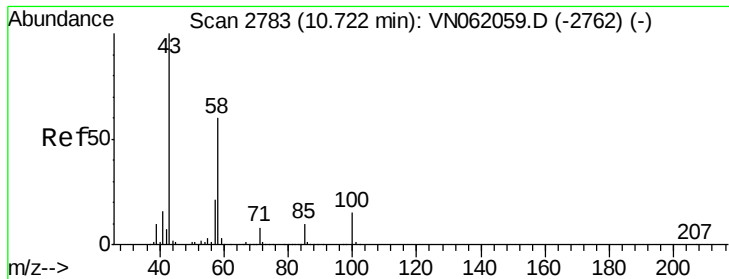
Tot Ion: 76 Resp: 64070
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.835 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062339.D
 Acq: 2 Jul 2020 17:41

Tgt Ion: 63 Resp: 102042
 Ion Ratio Lower Upper
 63 100
 106 27.1 23.2 34.8

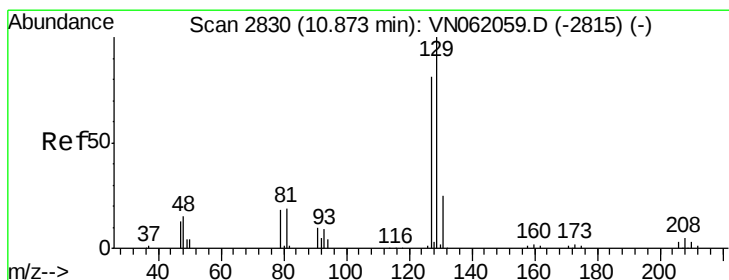
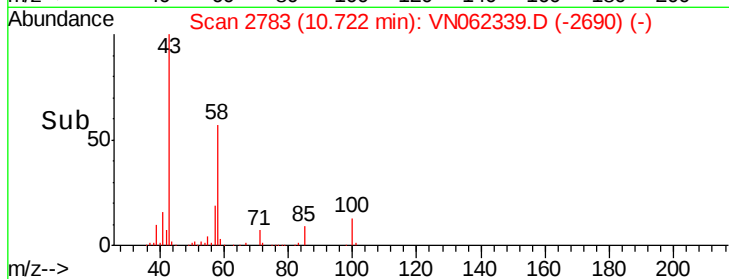
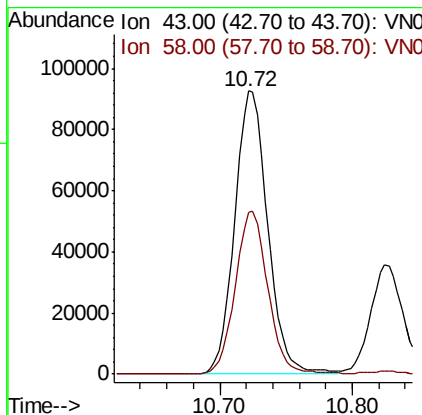
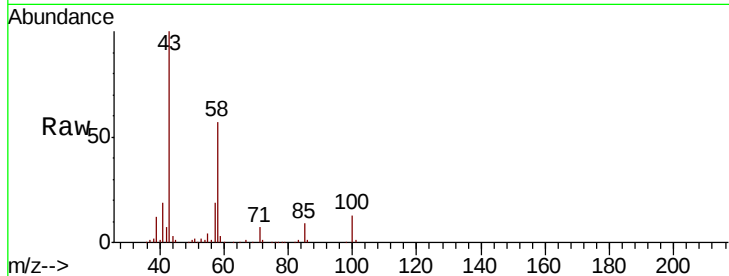




#59
2-Hexanone
Concen: 105.162 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

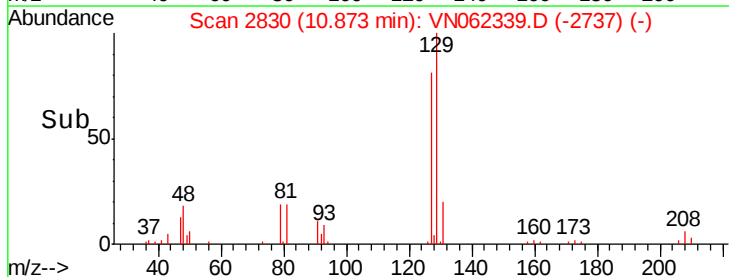
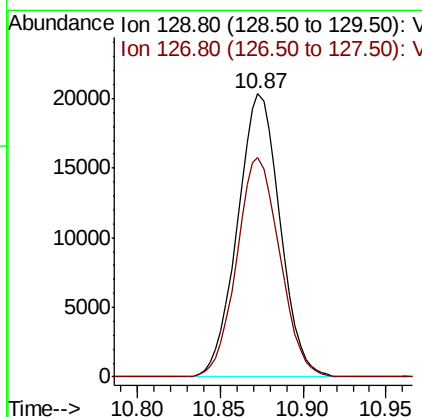
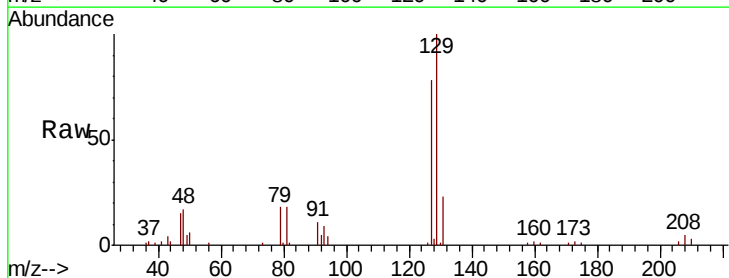
Instrument :
MSVOA_N
ClientSampleId :

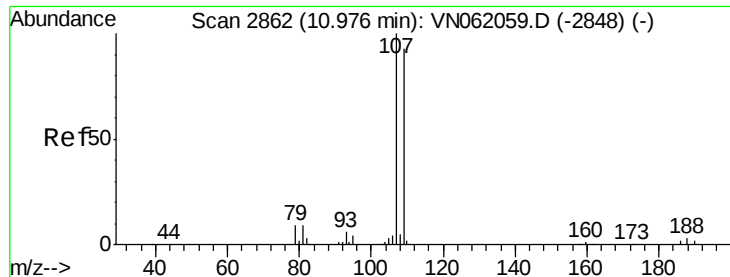
Tot Ion: 43 Resp: 160559
Ion Ratio Lower Upper
43 100
58 56.9 29.5 88.5



#60
Dibromochloromethane
Concen: 17.538 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion: 129 Resp: 36391
Ion Ratio Lower Upper
129 100
127 78.5 39.5 118.5

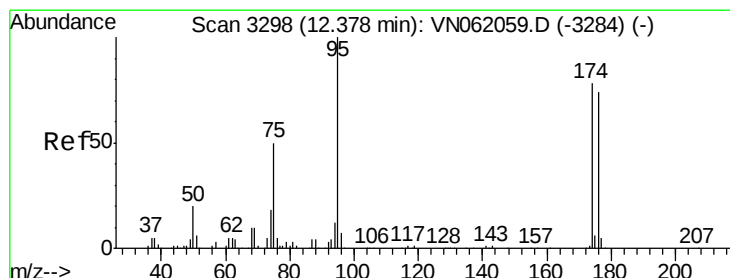
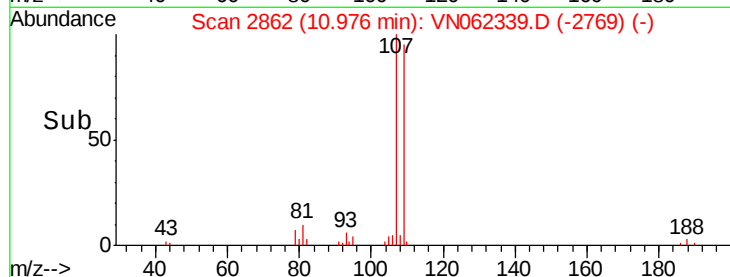
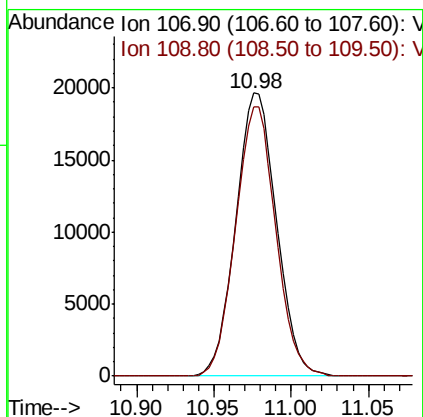
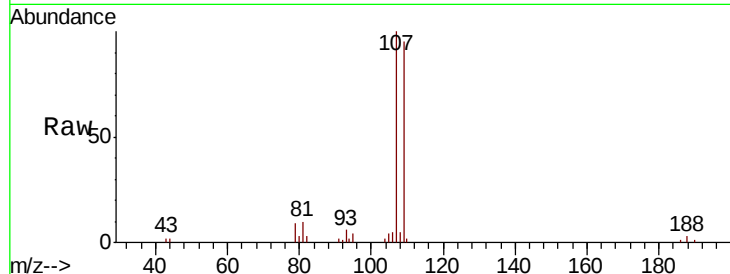




#61
 1,2-Dibromoethane
 Concen: 17.850 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062339.D
 Acq: 2 Jul 2020 17:41

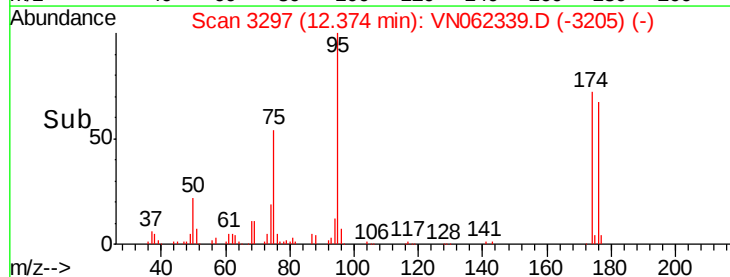
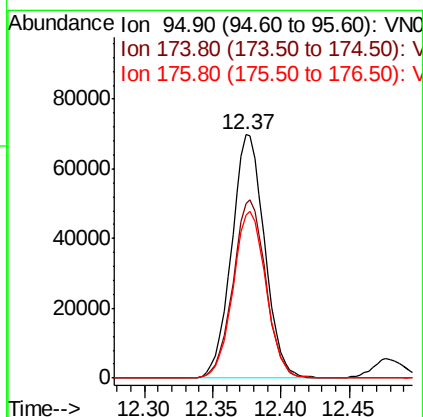
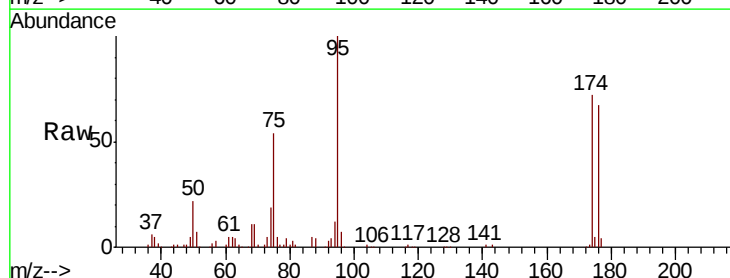
Instrument :
 MSVOA_N
 ClientSampleId :

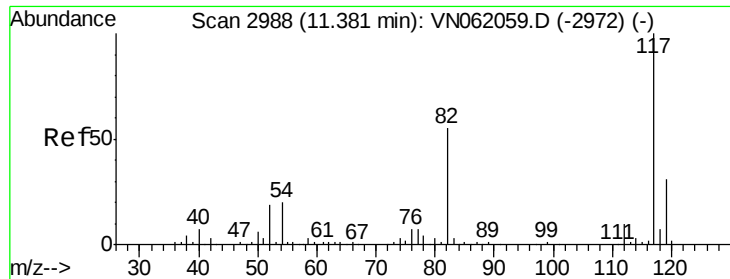
Tot Ion:107 Resp: 35946
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.684 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062339.D
 Acq: 2 Jul 2020 17:41

Tgt Ion: 95 Resp: 117128
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 154.8
 176 68.4 0.0 147.4

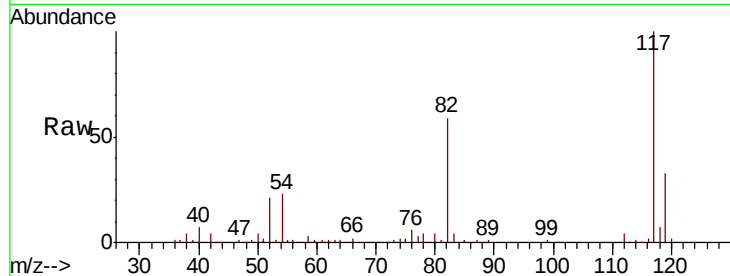




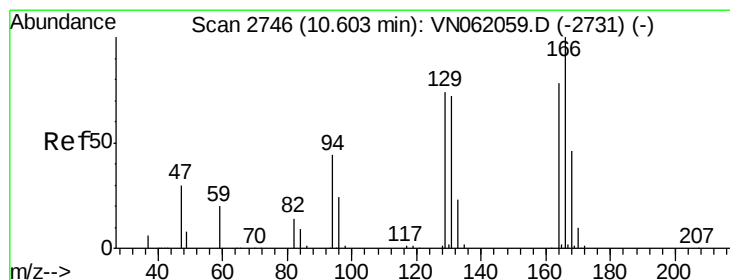
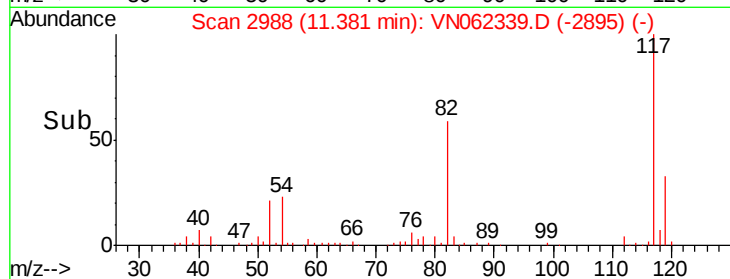
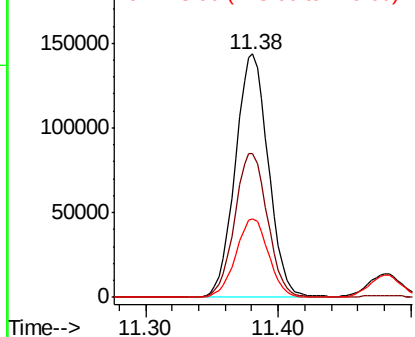
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 248156
Ion Ratio Lower Upper
117 100
82 59.1 43.8 65.8
119 32.5 25.2 37.8

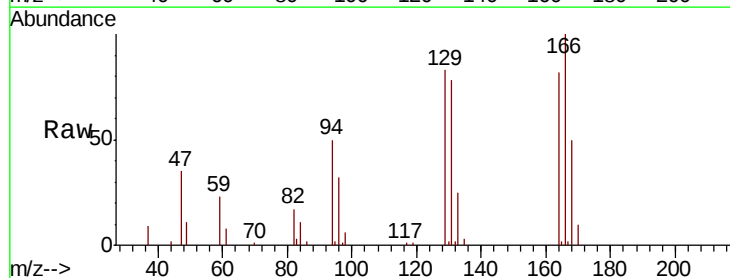


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

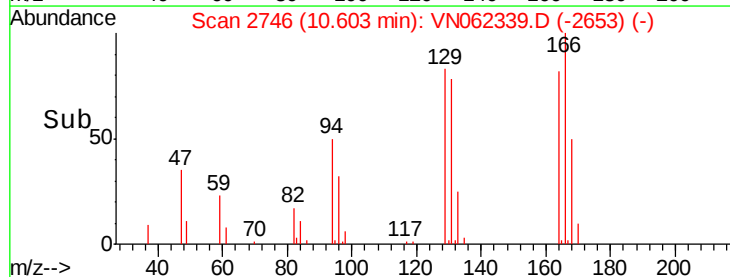
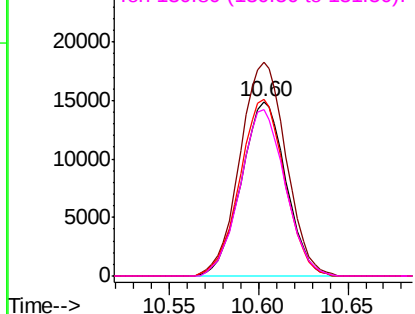


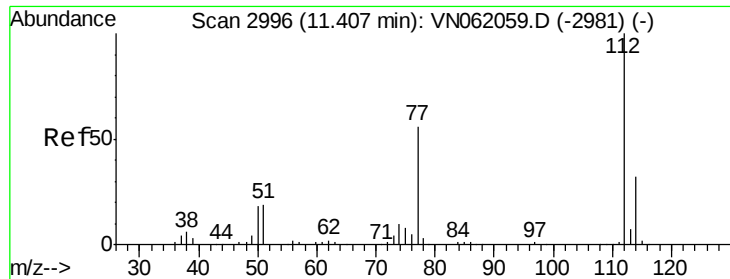
#64
Tetrachloroethene
Concen: 15.377 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion:164 Resp: 26066
Ion Ratio Lower Upper
164 100
166 122.3 102.9 154.3
129 101.4 75.8 113.8
131 95.5 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

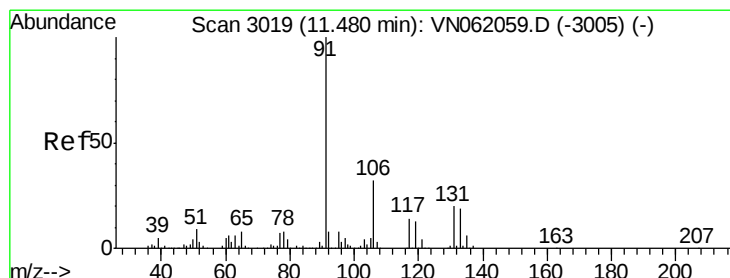
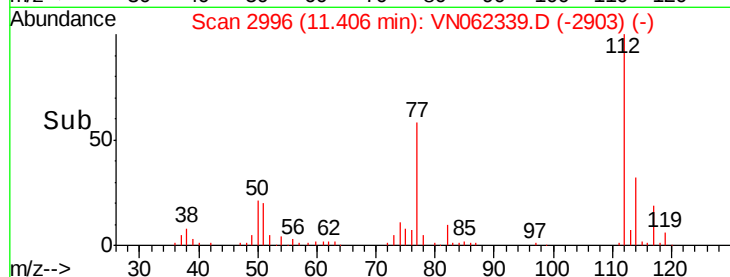
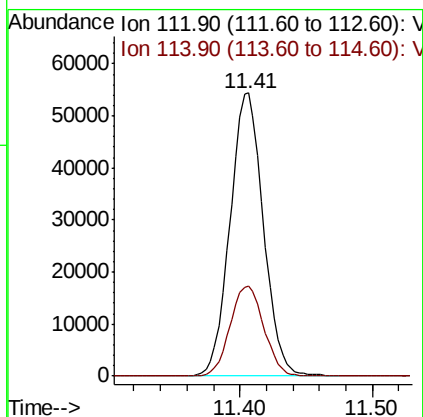
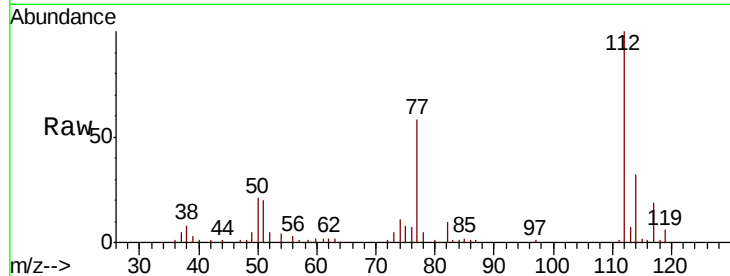




#65
Chlorobenzene
Concen: 17.411 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

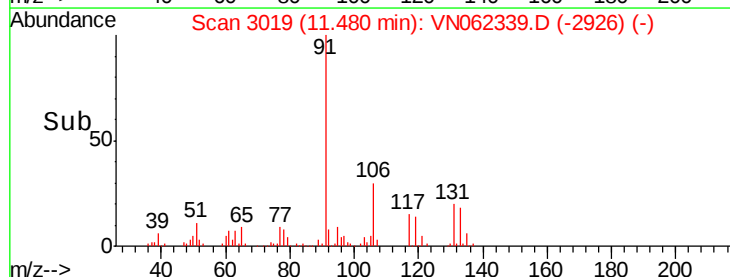
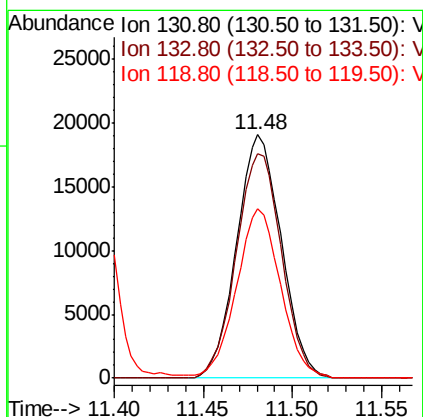
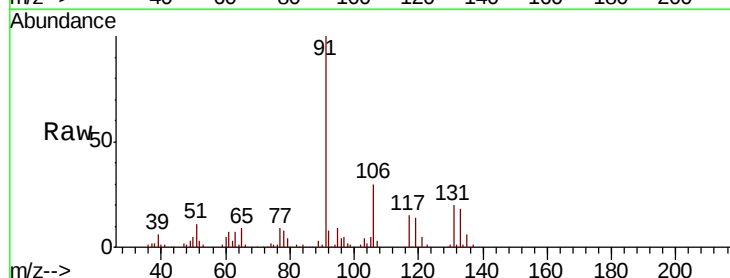
Instrument :
MSVOA_N
ClientSampled :

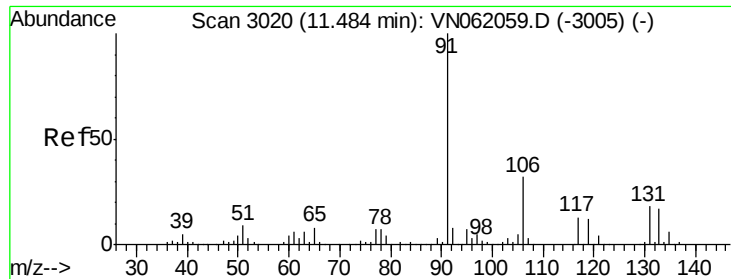
Tot Ion:112 Resp: 94880
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.724 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion:131 Resp: 33400
Ion Ratio Lower Upper
131 100
133 93.4 47.6 142.9
119 68.7 34.4 103.3

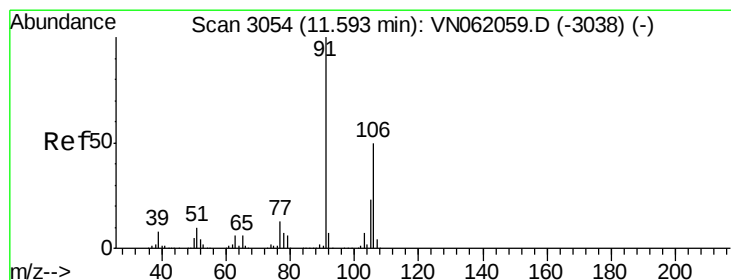
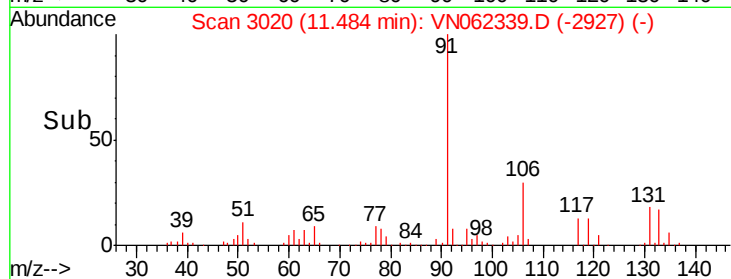
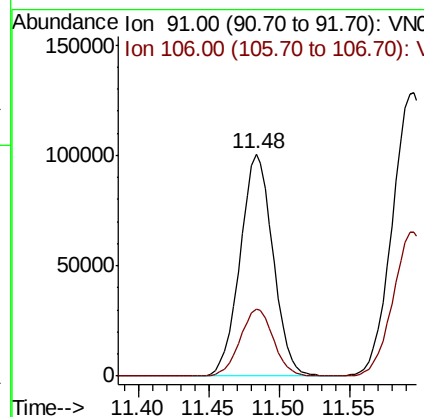
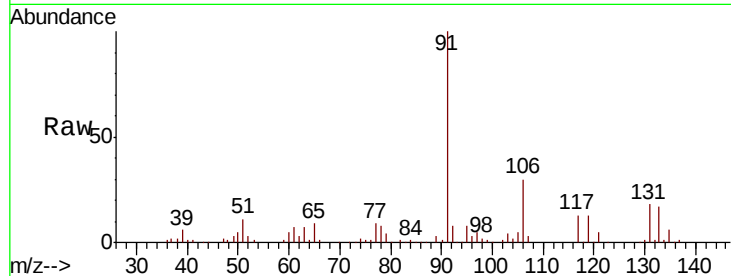




#67
Ethyl Benzene
Concen: 17.906 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

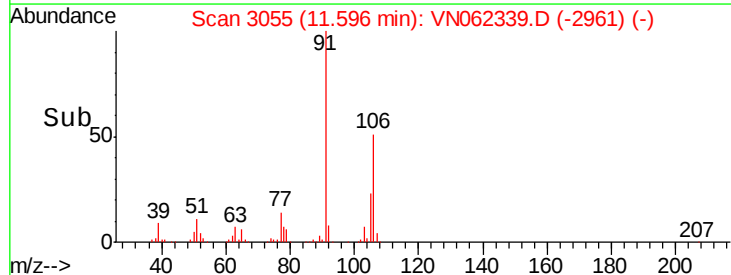
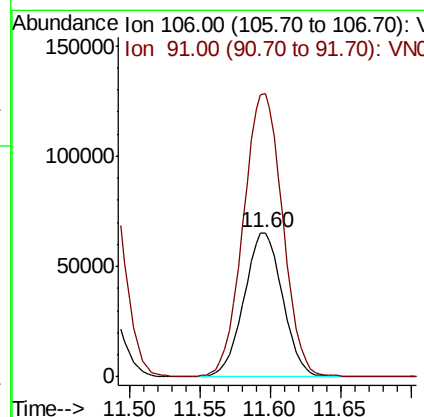
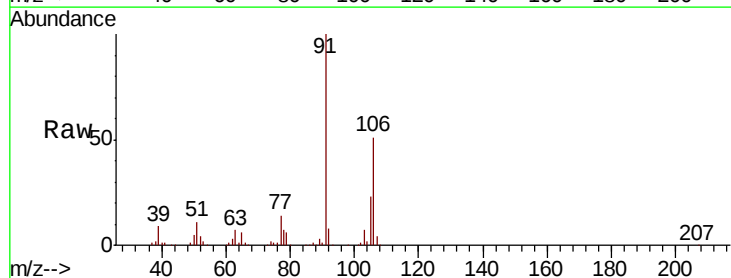
Instrument :
MSVOA_N
ClientSampled :

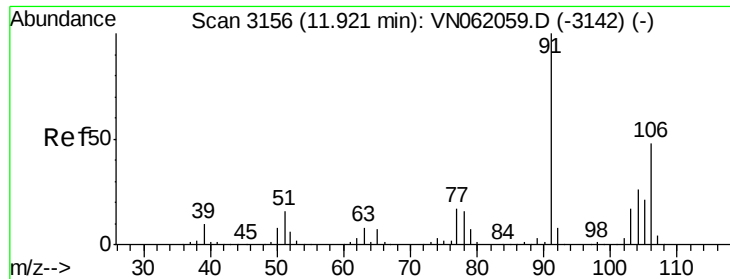
Tot Ion: 91 Resp: 164799
Ion Ratio Lower Upper
91 100
106 30.2 25.3 37.9



#68
m/p-Xylenes
Concen: 35.068 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion: 106 Resp: 124834
Ion Ratio Lower Upper
106 100
91 200.5 157.8 236.8

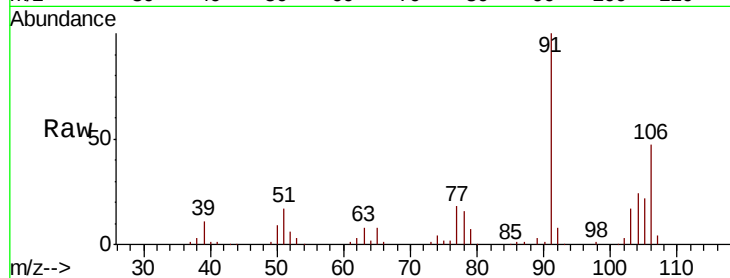




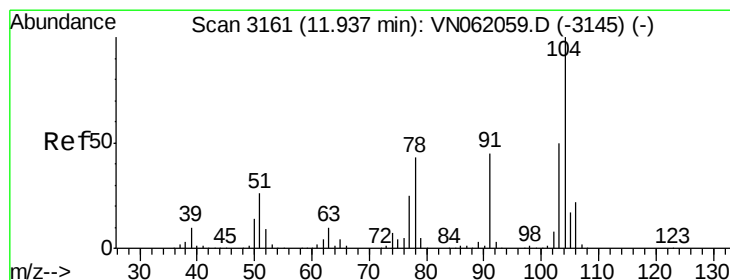
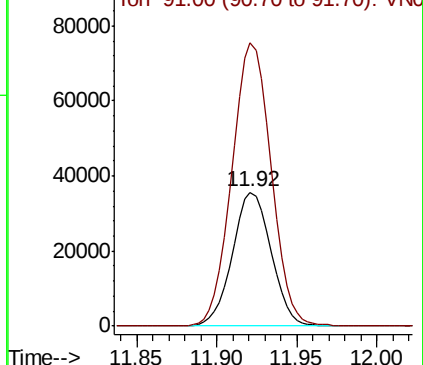
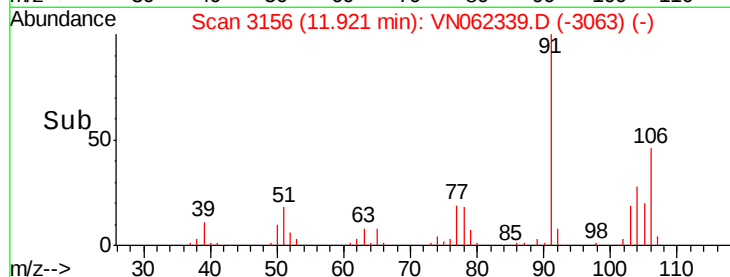
#69
o-Xylene
Concen: 17.500 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 58779
Ion Ratio Lower Upper
106 100
91 214.5 104.0 311.9

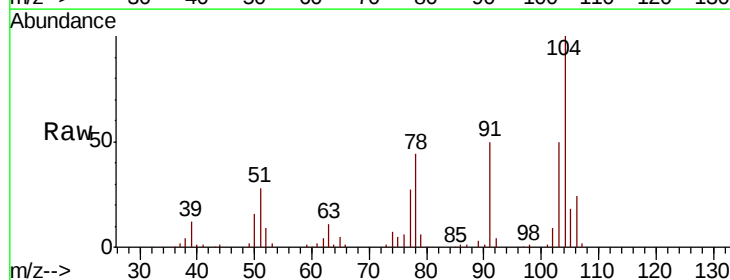


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

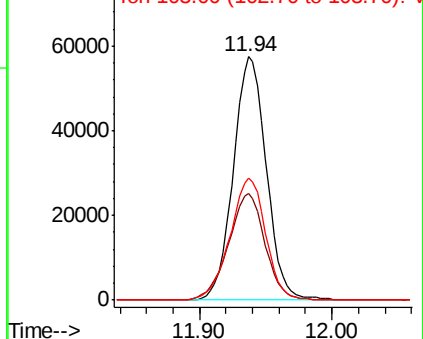
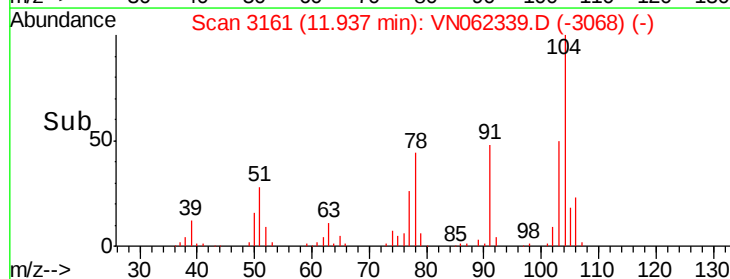


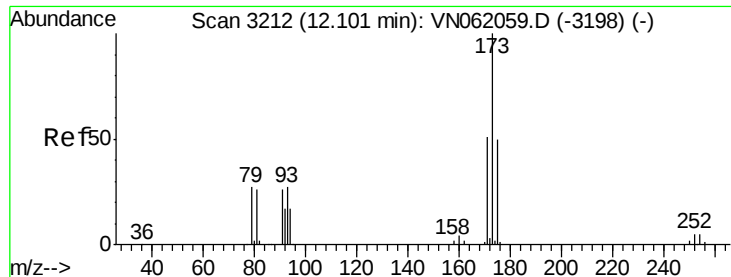
#70
Styrene
Concen: 17.740 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion:104 Resp: 99369
Ion Ratio Lower Upper
104 100
78 48.4 37.7 56.5
103 54.2 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.694 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

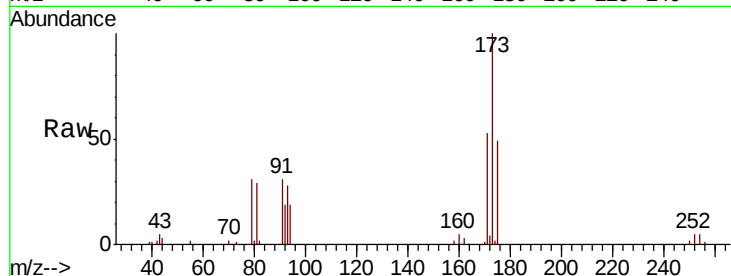
Tot Ion:173 Resp: 22367

Ion Ratio Lower Upper

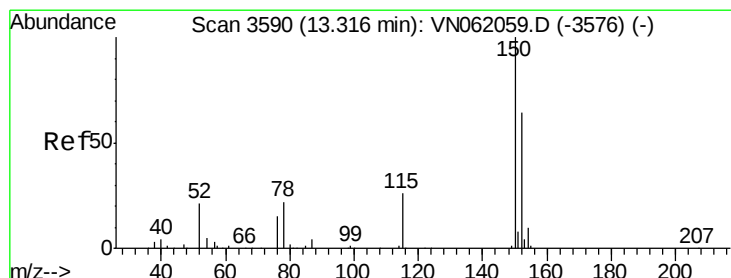
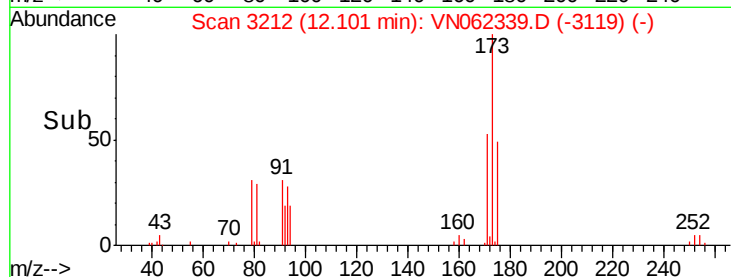
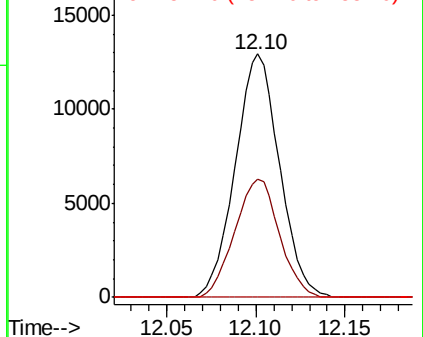
173 100

175 48.9 24.7 74.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

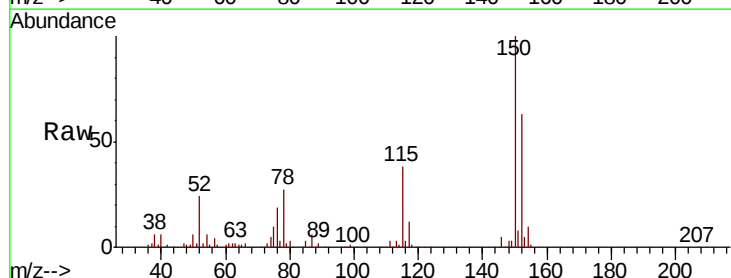
Tgt Ion:152 Resp: 108878

Ion Ratio Lower Upper

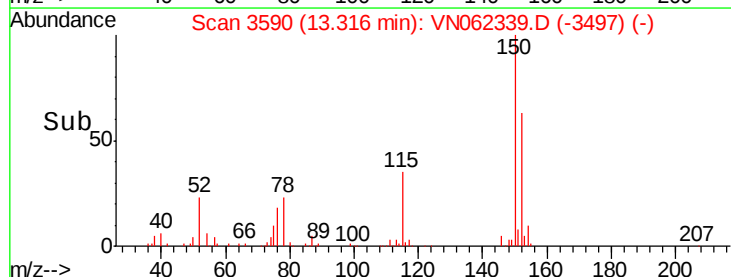
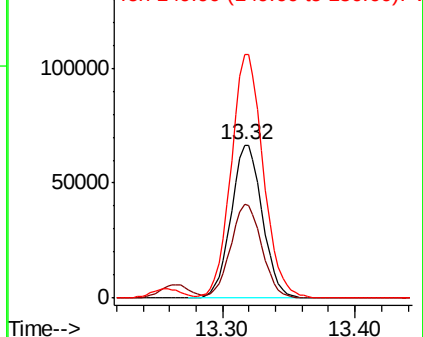
152 100

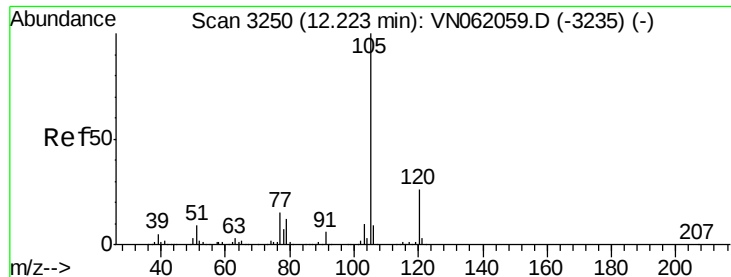
115 61.7 29.5 88.5

150 163.8 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: 18.510 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

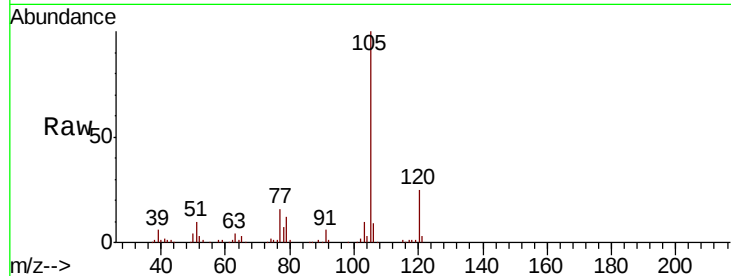
ClientSampled :

Tot Ion:105 Resp: 156002

Ion Ratio Lower Upper

105 100

120 25.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

100000

80000

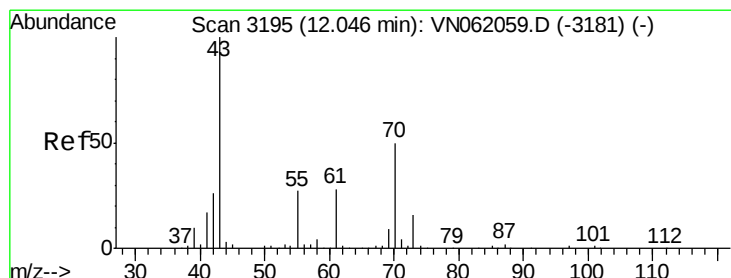
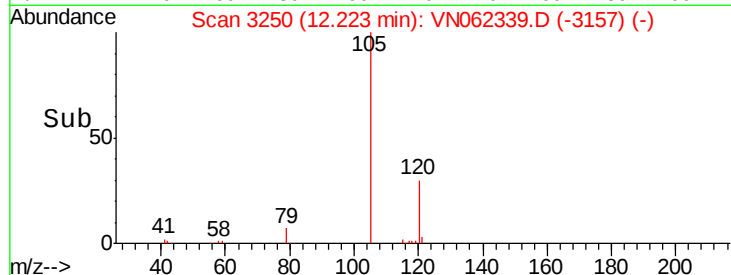
60000

40000

20000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 20.916 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Tgt Ion: 43 Resp: 58426

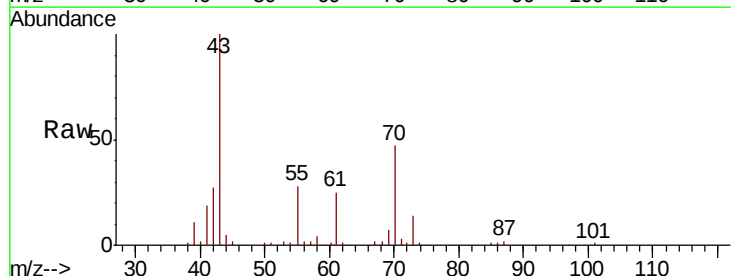
Ion Ratio Lower Upper

43 100

70 46.4 39.4 59.2

55 27.3 21.7 32.5

61 24.2 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.05

50000

40000

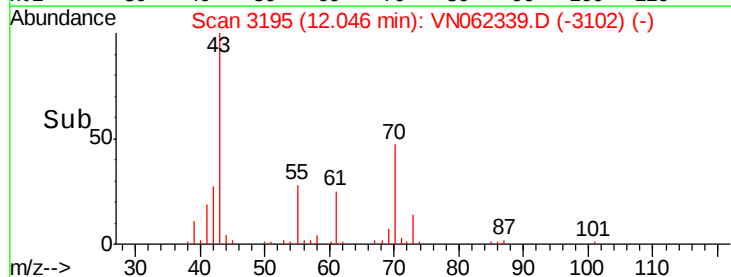
30000

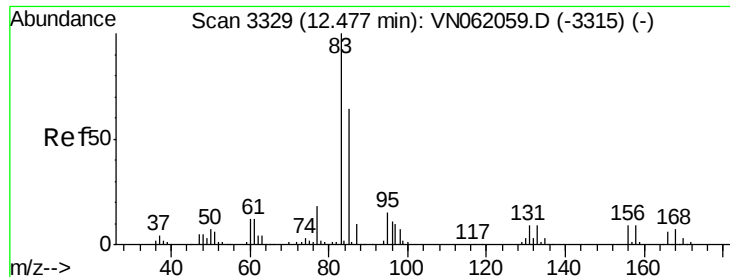
20000

10000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 20.093 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

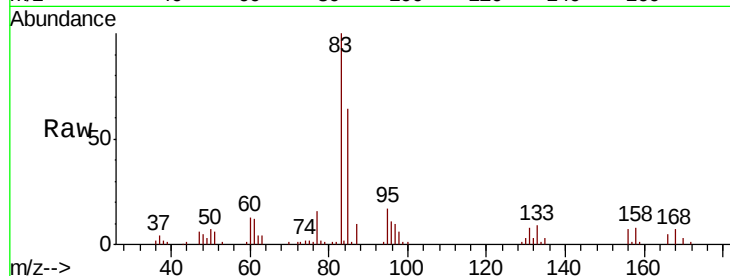
Tot Ion: 83 Resp: 56353

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.4

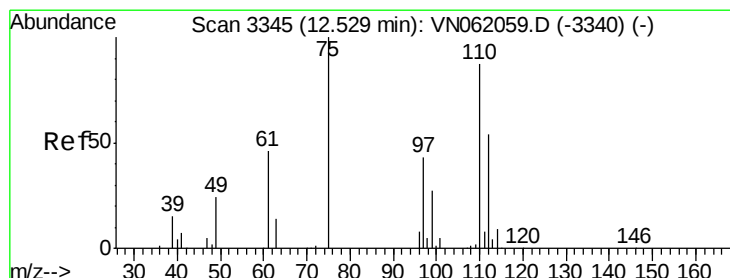
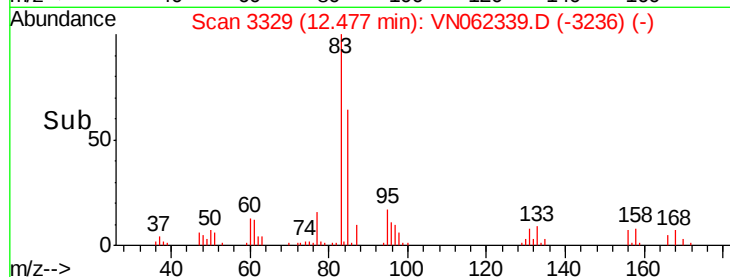
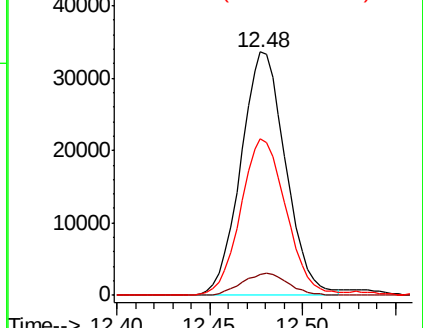
85 64.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062339.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062339.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062339.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 26.837 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062339.D

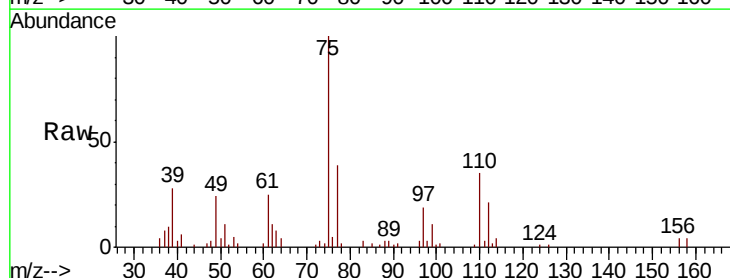
Acq: 2 Jul 2020 17:41

Tgt Ion: 75 Resp: 68786

Ion Ratio Lower Upper

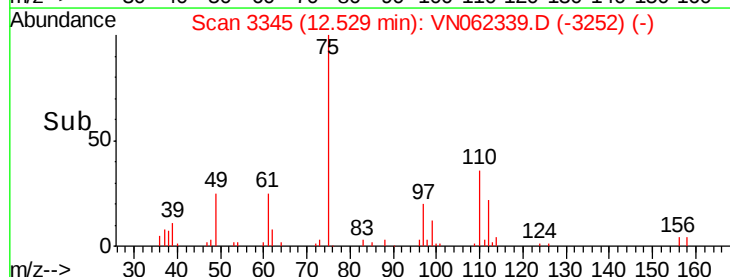
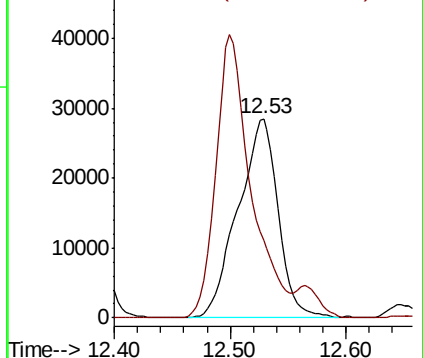
75 100

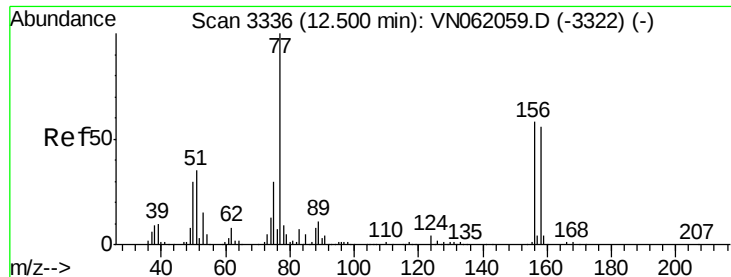
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062339.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062339.D (-3252) (-)





#77

Bromobenzene

Concen: 17.357 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

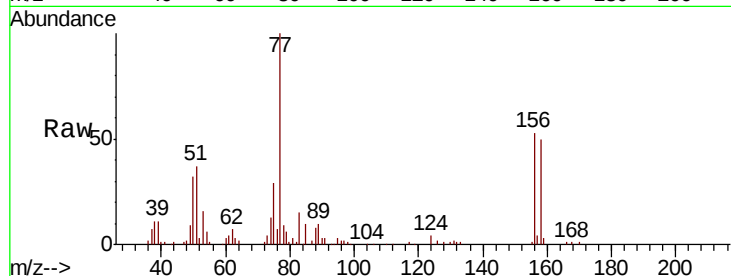
Tot Ion:156 Resp: 36318

Ion Ratio Lower Upper

156 100

77 234.7 104.6 313.8

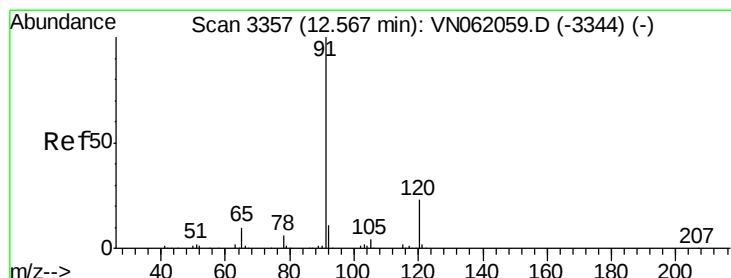
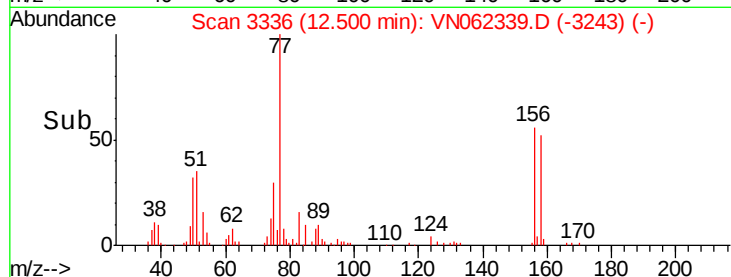
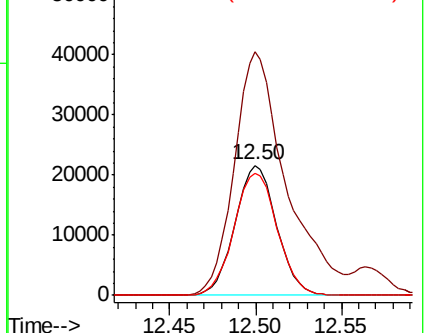
158 98.1 48.0 144.0



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: 18.844 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062339.D

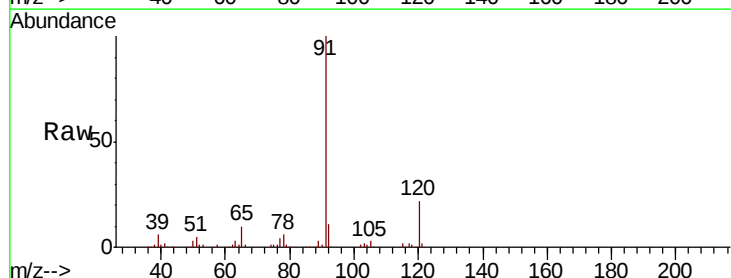
Acq: 2 Jul 2020 17:41

Tgt Ion: 91 Resp: 181665

Ion Ratio Lower Upper

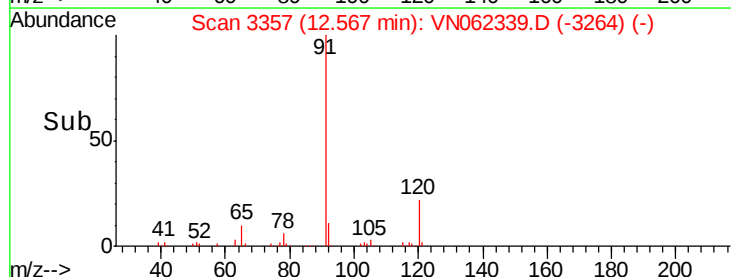
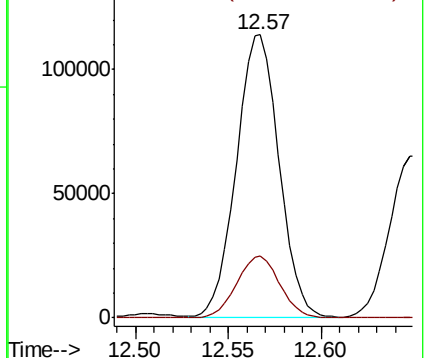
91 100

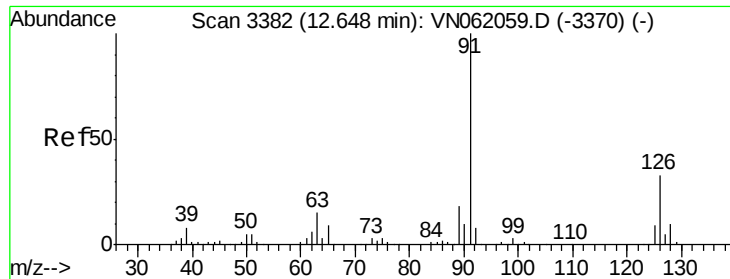
120 22.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

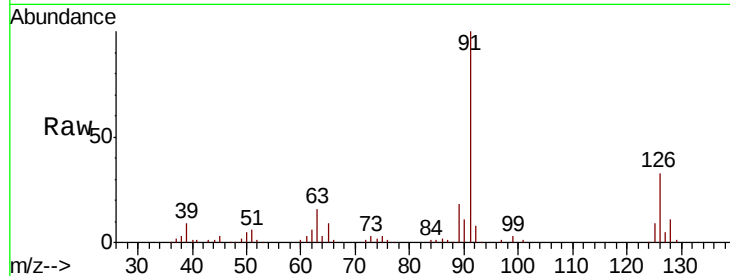




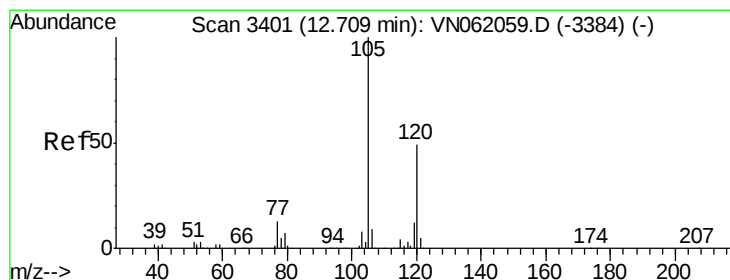
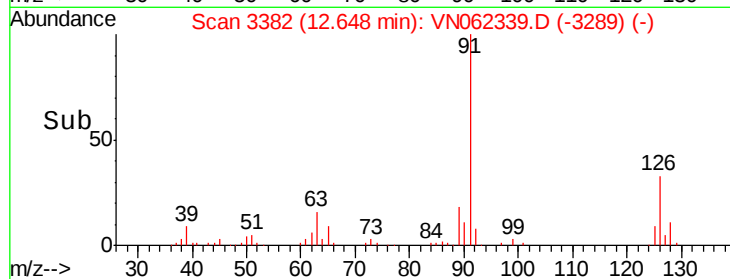
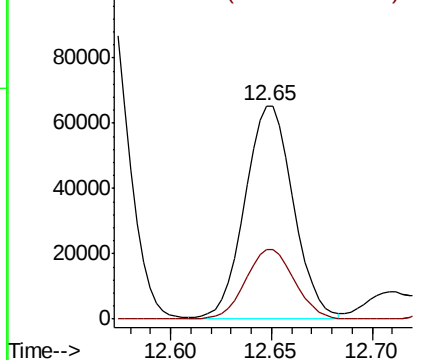
#79
 2-Chlorotoluene
 Concen: 18.697 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062339.D
 Acq: 2 Jul 2020 17:41

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 91 Resp: 108966
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.9 50.7

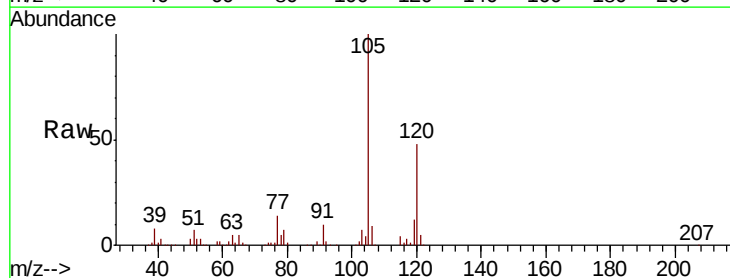


Abundance Ion 91.00 (90.70 to 91.70): VN062339.D (-3389) (-)
 Ion 125.90 (125.60 to 126.60): VN062339.D (-3389) (-)

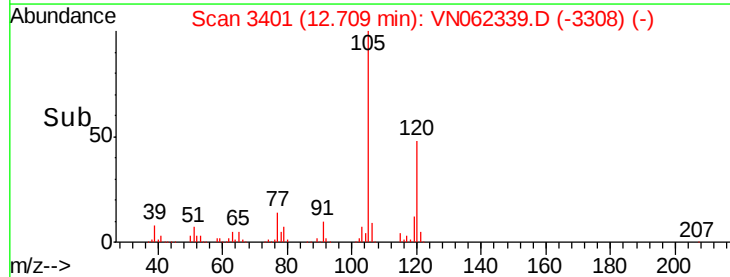
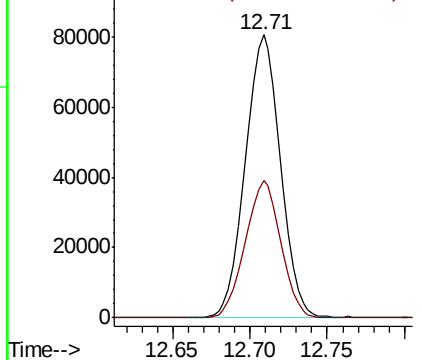


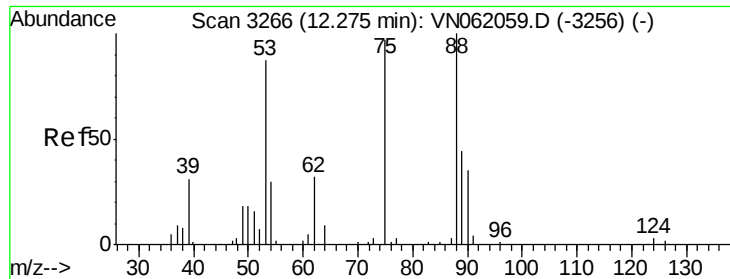
#80
 1,3,5-Trimethylbenzene
 Concen: 18.704 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062339.D
 Acq: 2 Jul 2020 17:41

Tgt Ion: 105 Resp: 127790
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062339.D (-3308) (-)
 Ion 120.00 (119.70 to 120.70): VN062339.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.202 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

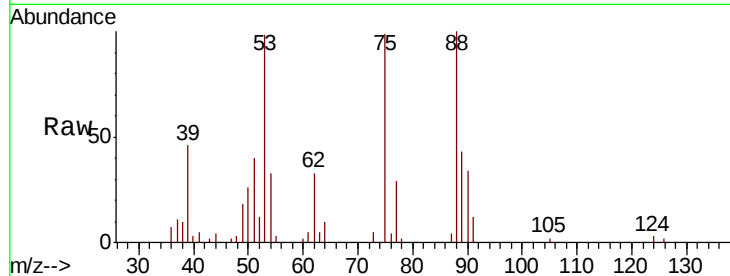
Tot Ion: 75 Resp: 16853

Ion Ratio Lower Upper

75 100

53 99.1 72.0 108.0

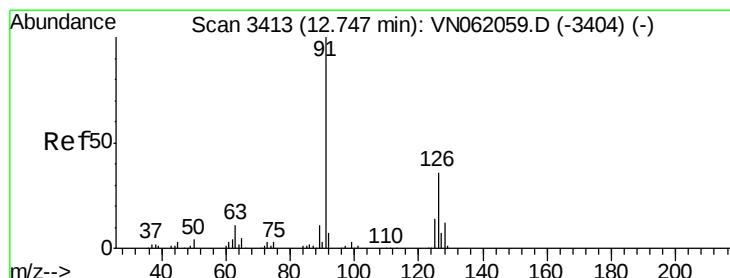
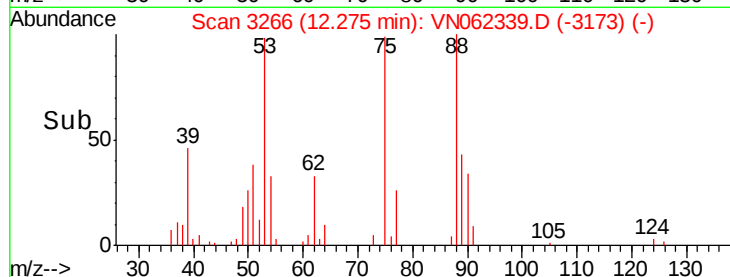
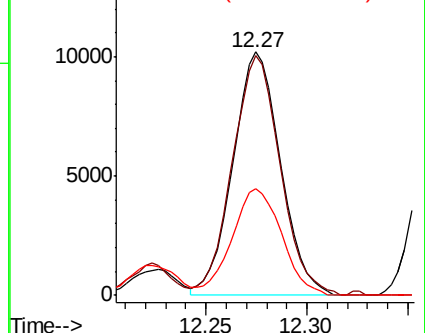
89 45.6 36.9 55.3



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

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

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



#82

4-Chlorotoluene

Concen: 18.676 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062339.D

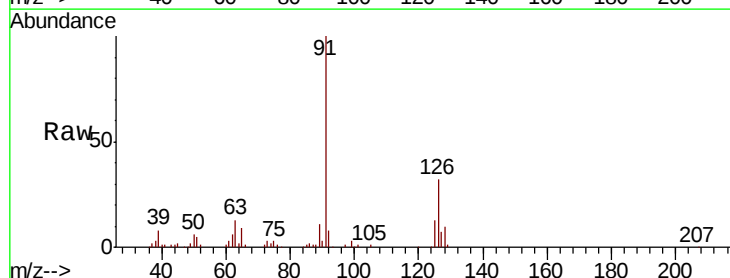
Acq: 2 Jul 2020 17:41

Tgt Ion: 91 Resp: 112560

Ion Ratio Lower Upper

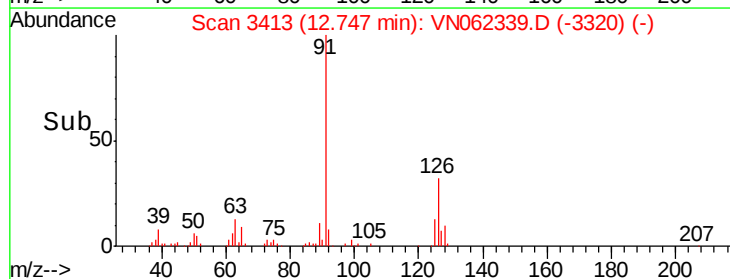
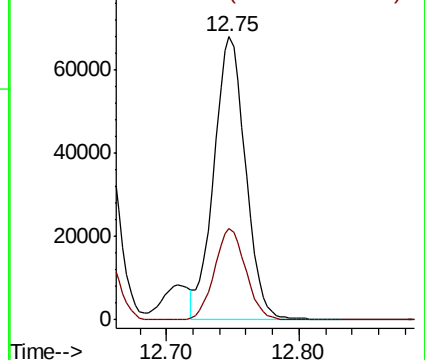
91 100

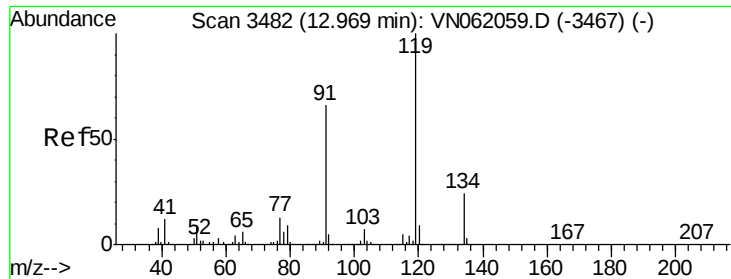
126 31.8 16.7 50.1



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

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

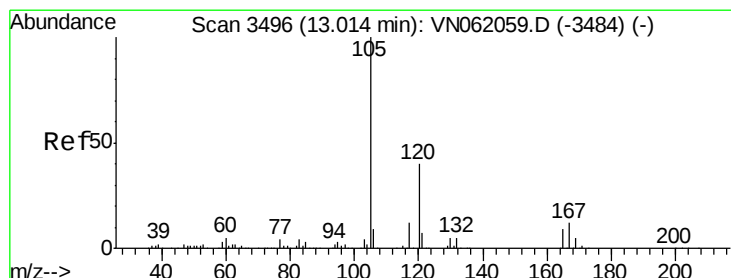
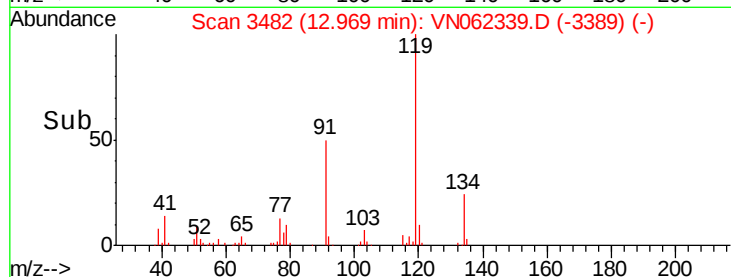
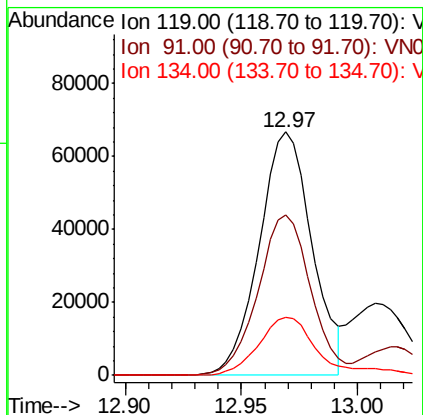
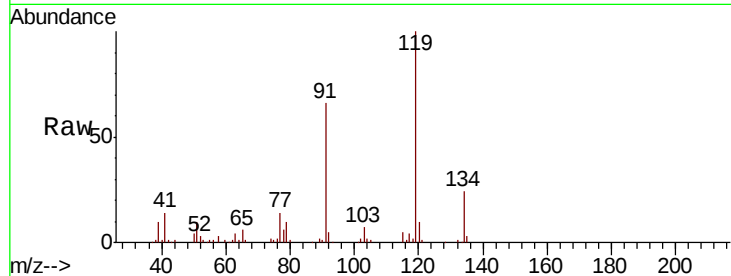




#83
tert-Butylbenzene
Concen: 18.154 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

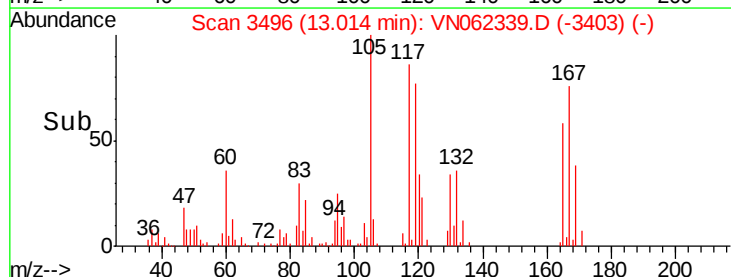
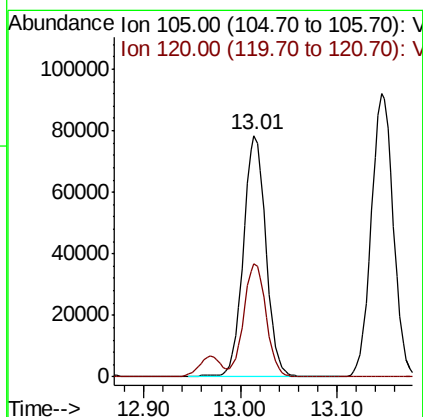
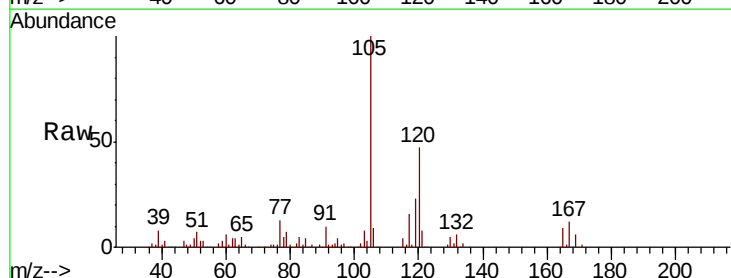
Instrument :
MSVOA_N
ClientSampled :

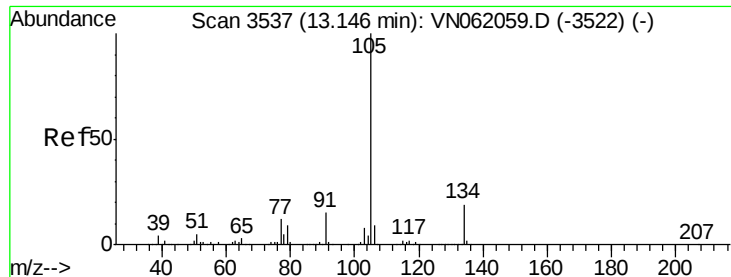
Tot Ion:119 Resp: 106147
Ion Ratio Lower Upper
119 100
91 66.0 31.7 95.1
134 27.1 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 18.646 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion:105 Resp: 127232
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.5





#85

sec-Butylbenzene

Concen: 18.817 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

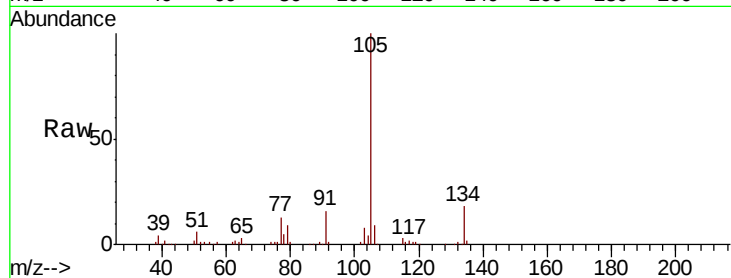
ClientSampled :

Tot Ion:105 Resp: 145384

Ion Ratio Lower Upper

105 100

134 19.1 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

100000

80000

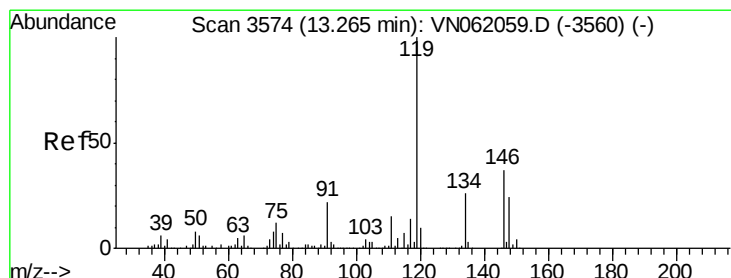
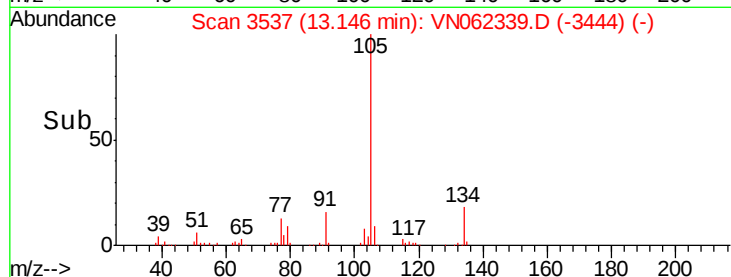
60000

40000

20000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.162 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

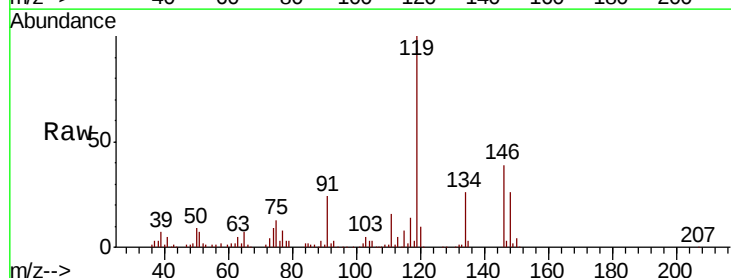
Tgt Ion:119 Resp: 122942

Ion Ratio Lower Upper

119 100

134 25.3 13.0 39.0

91 23.8 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

13.26

100000

80000

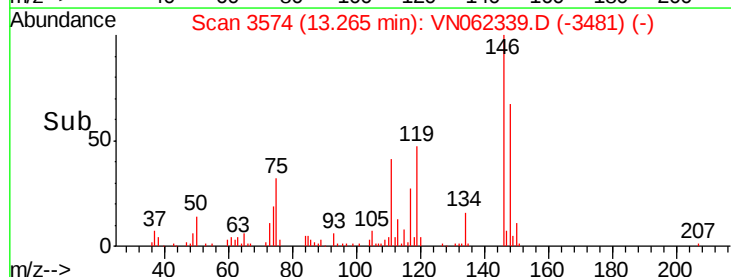
60000

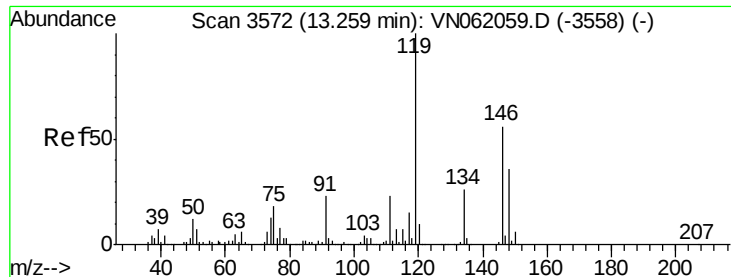
40000

20000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 17.375 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

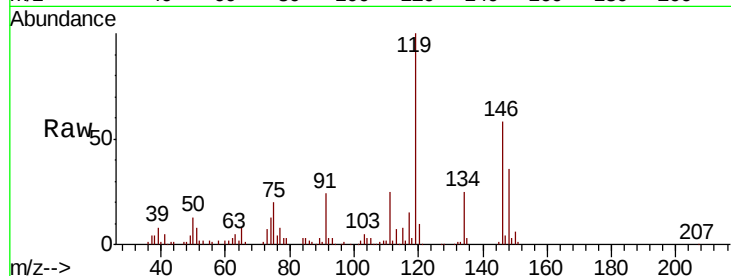
Tot Ion:146 Resp: 63841

Ion Ratio Lower Upper

146 100

111 41.6 20.3 61.0

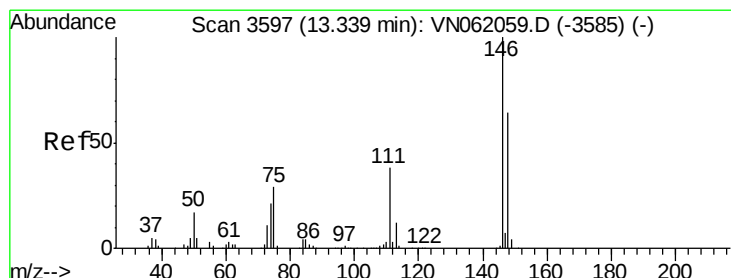
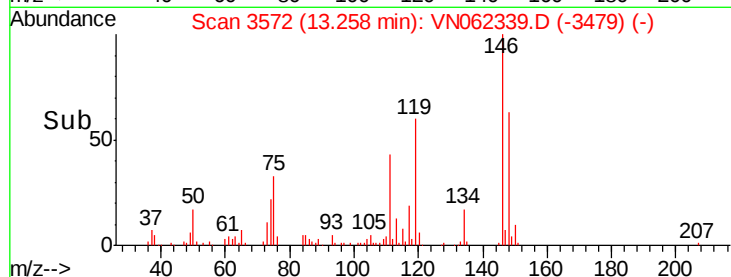
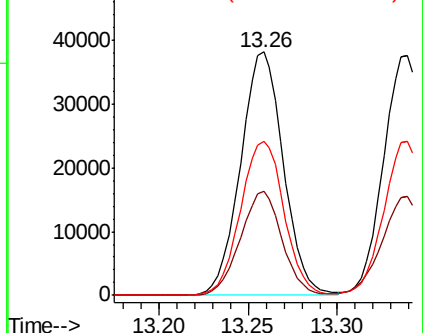
148 64.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 16.793 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

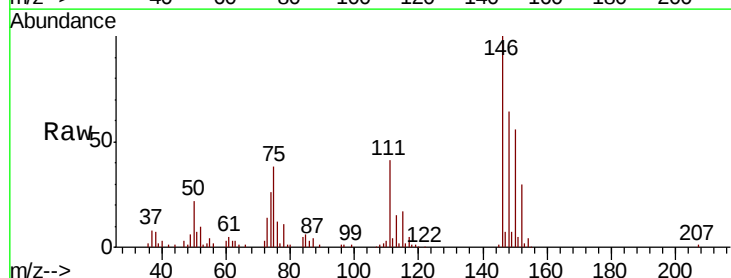
Tgt Ion:146 Resp: 63602

Ion Ratio Lower Upper

146 100

111 41.8 19.9 59.6

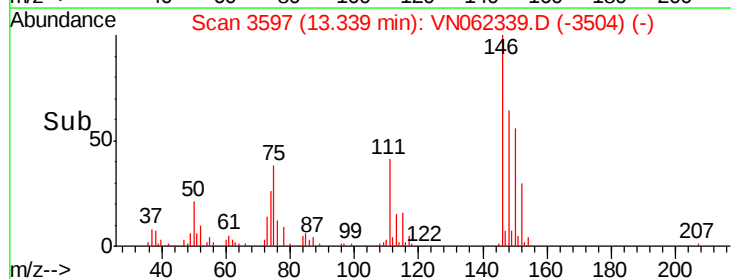
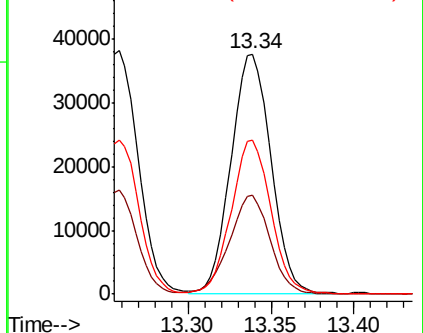
148 63.7 31.9 95.9

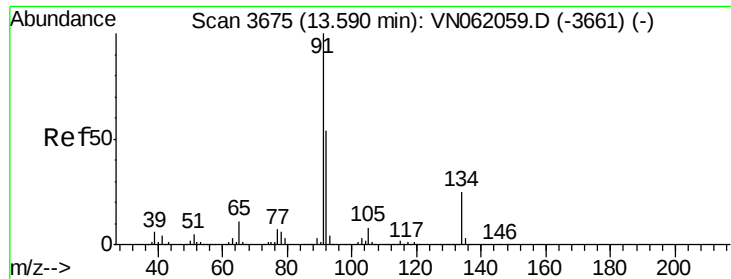


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

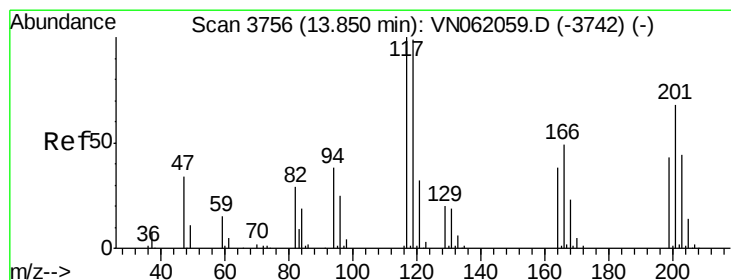
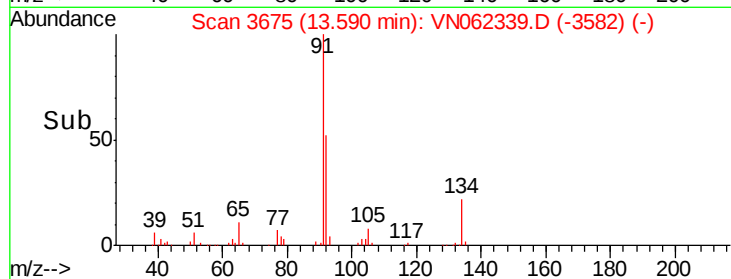
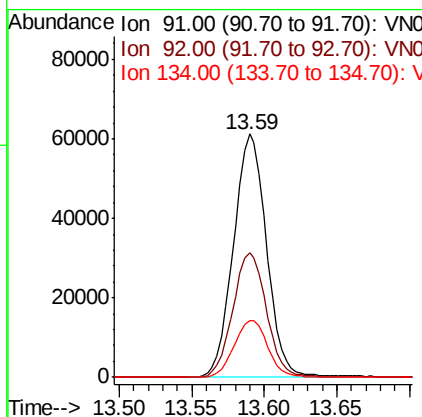
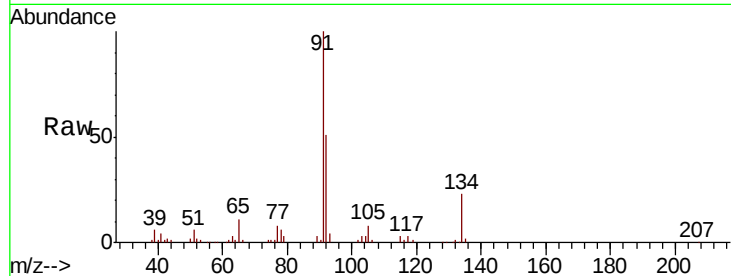




#89
n-Butylbenzene
Concen: 17.200 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

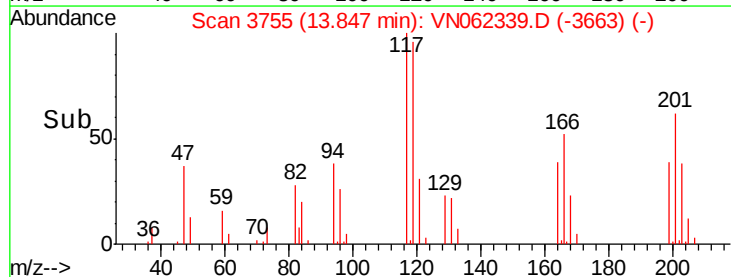
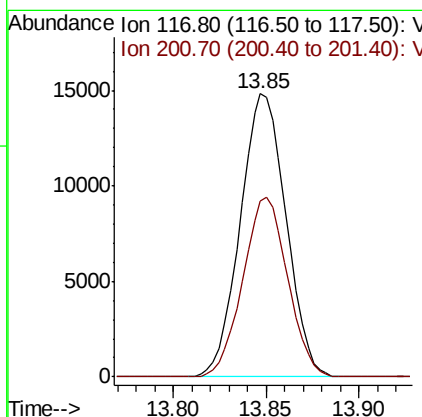
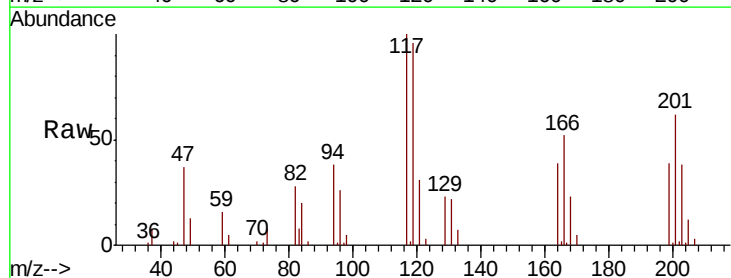
Instrument :
MSVOA_N
ClientSampled :

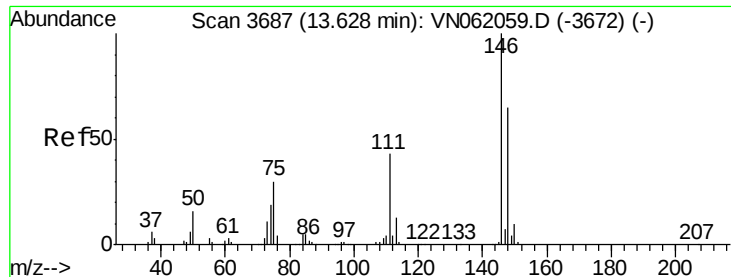
Tot Ion: 91 Resp: 96796
Ion Ratio Lower Upper
91 100
92 52.3 26.6 79.7
134 23.7 12.3 36.9



#90
Hexachloroethane
Concen: 19.100 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion: 117 Resp: 25366
Ion Ratio Lower Upper
117 100
201 62.1 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 18.007 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

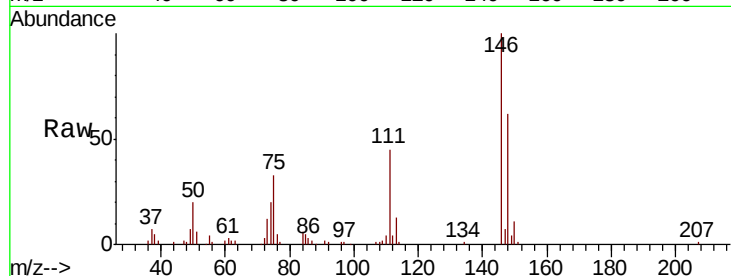
Tot Ion:146 Resp: 64159

Ion Ratio Lower Upper

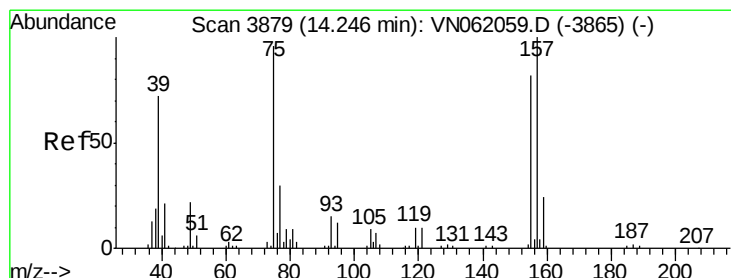
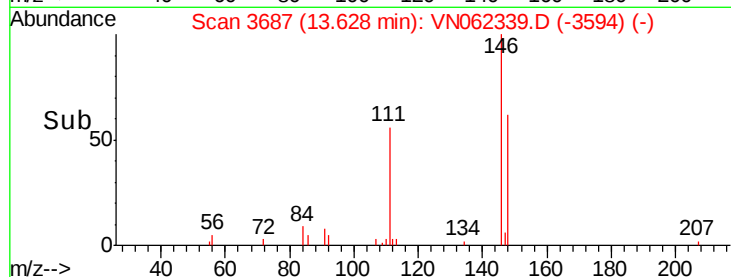
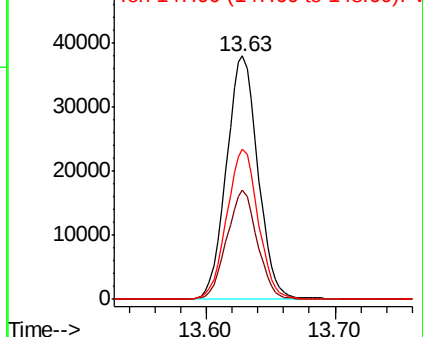
146 100

111 43.3 21.2 63.6

148 61.5 31.9 95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.776 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

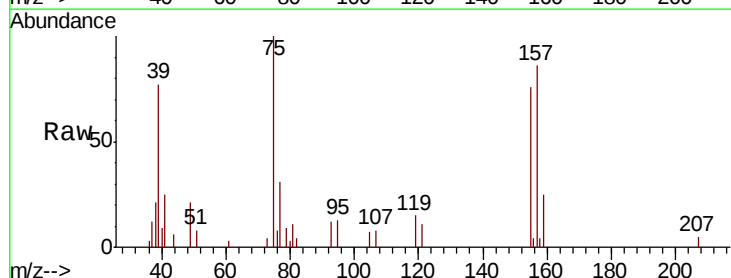
Tgt Ion: 75 Resp: 8885

Ion Ratio Lower Upper

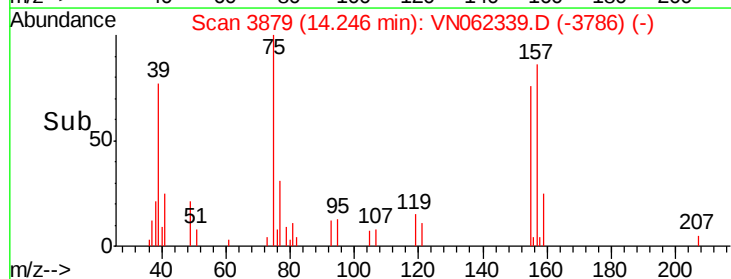
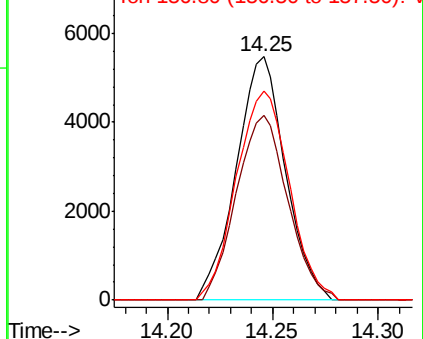
75 100

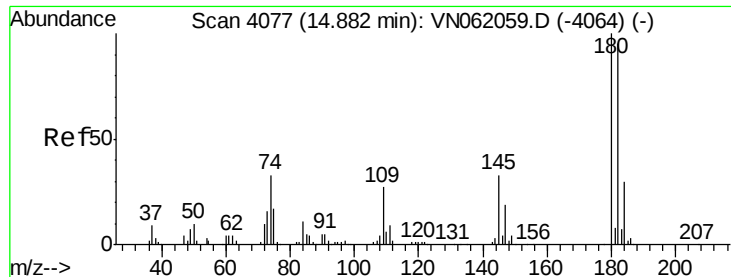
155 79.2 40.8 122.4

157 92.2 51.4 154.3



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

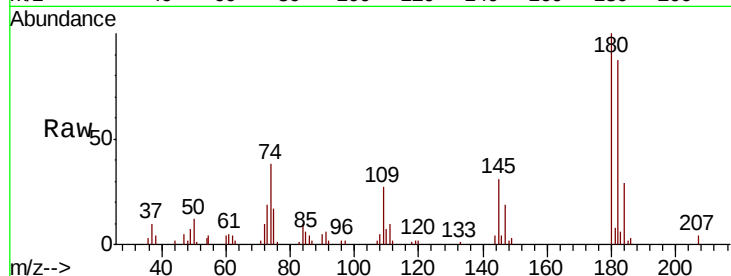




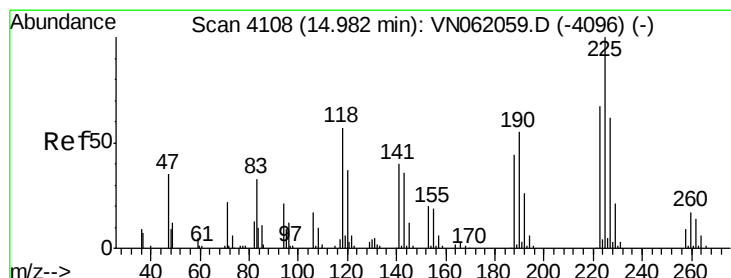
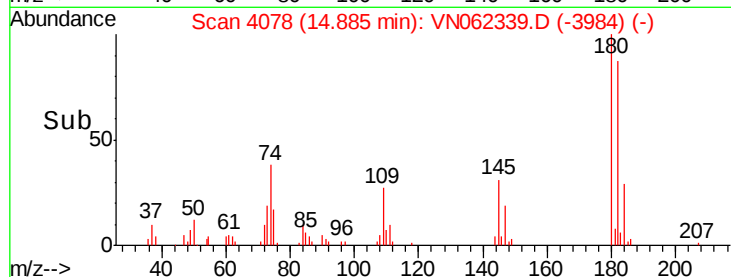
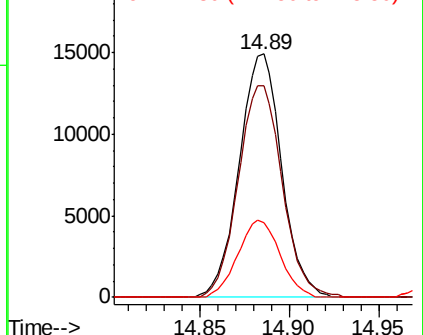
#93
1,2,4-Trichlorobenzene
Concen: 15.861 ug/l
RT: 14.89 min Scan# 4078
Delta R.T. 0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:180 Resp: 24687
Ion Ratio Lower Upper
180 100
182 90.4 48.0 144.2
145 31.5 16.0 48.0

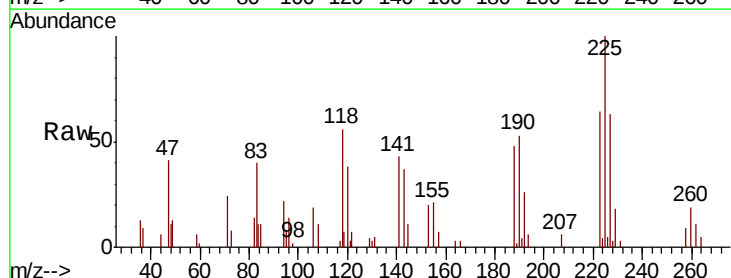


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

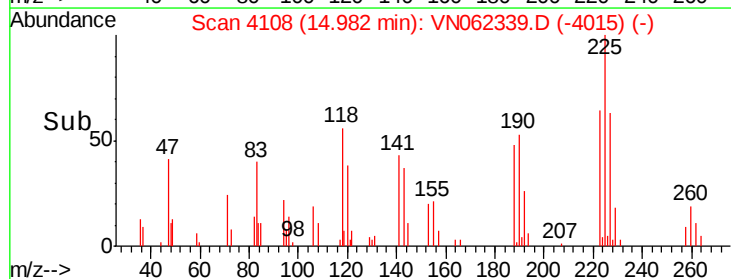
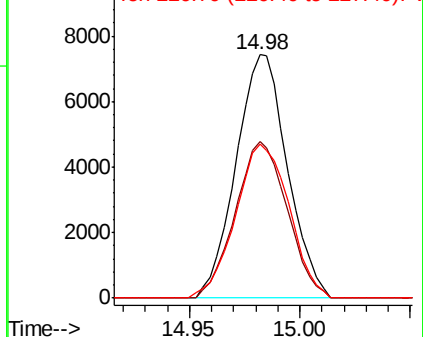


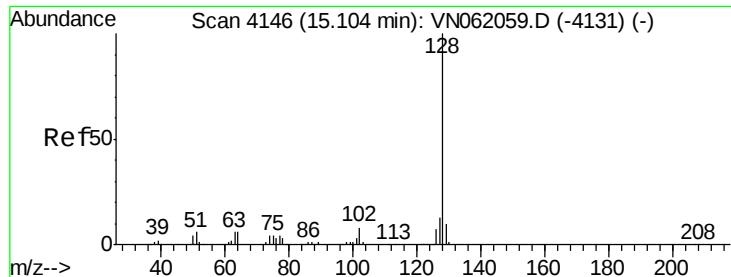
#94
Hexachlorobutadiene
Concen: 17.712 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. -0.00 min
Lab File: VN062339.D
Acq: 2 Jul 2020 17:41

Tgt Ion:225 Resp: 11974
Ion Ratio Lower Upper
225 100
223 64.8 32.9 98.7
227 65.8 31.3 93.8



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





#95

Naphthalene

Concen: 16.302 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

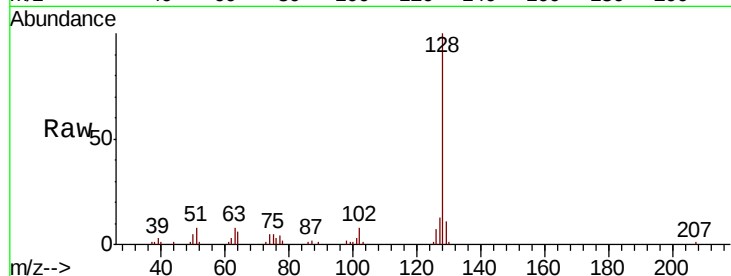
Tot Ion:128 Resp: 69416

Ion Ratio Lower Upper

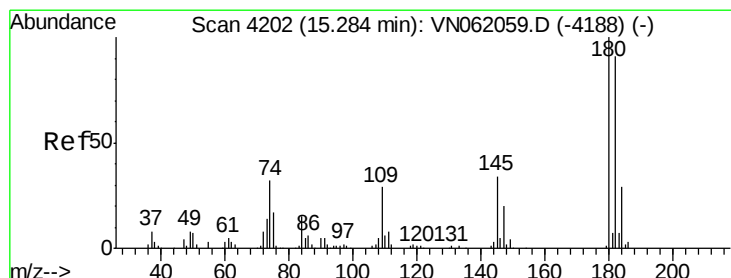
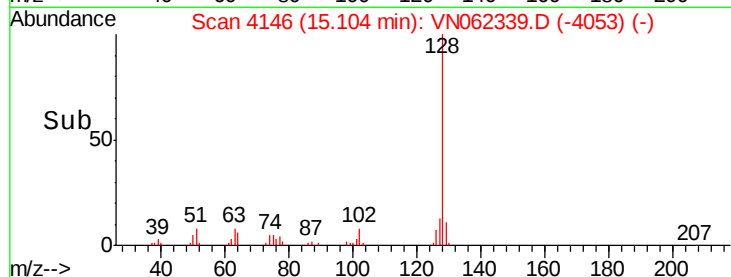
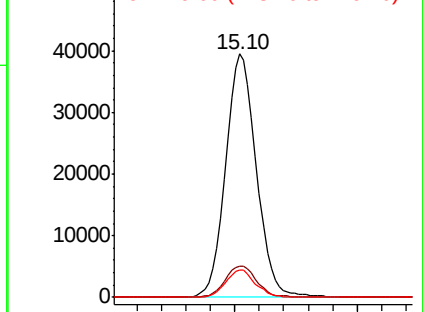
128 100

127 13.2 10.5 15.7

129 10.7 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 15.744 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062339.D

Acq: 2 Jul 2020 17:41

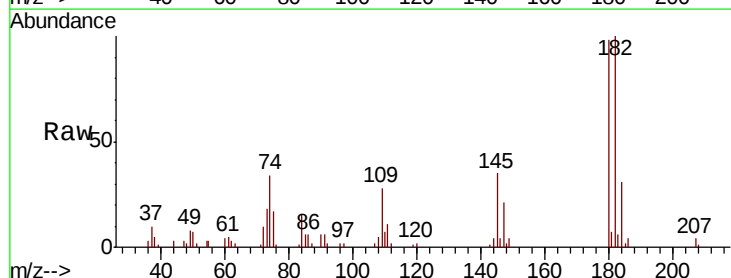
Tgt Ion:180 Resp: 25057

Ion Ratio Lower Upper

180 100

182 100.2 46.8 140.4

145 34.7 16.4 49.2



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

