

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062260.D
 Acq On : 1 Jul 2020 00:41
 Operator : JC/MD
 Sample : VN0630WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

Quant Time: Jul 01 03:41:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	218728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	163359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	159368	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	7.55	113	125481	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	10.06	98	485107	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
62) 4-Bromofluorobenzene	12.38	95	159034	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42097	17.027	ug/l	95
3) Chloromethane	2.03	50	56997	18.746	ug/l	99
4) Vinyl Chloride	2.16	62	66566	17.097	ug/l	100
5) Bromomethane	2.53	94	43107	17.131	ug/l	99
6) Chloroethane	2.67	64	46678	17.550	ug/l	98
7) Trichlorofluoromethane	2.98	101	82078	17.108	ug/l	97
8) Diethyl Ether	3.37	74	32521	19.413	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46086	18.344	ug/l	96
10) Methyl Iodide	3.91	142	47781	16.887	ug/l	99
11) Tert butyl alcohol	4.74	59	46027	104.438	ug/l #	85
12) 1,1-Dichloroethene	3.70	96	46057	18.338	ug/l	100
13) Acrolein	3.57	56	43836	101.594	ug/l	95
14) Allyl chloride	4.28	41	69298	20.266	ug/l	97
15) Acrylonitrile	4.93	53	123998	103.250	ug/l	99
16) Acetone	3.78	43	101471	102.935	ug/l	97
17) Carbon Disulfide	4.01	76	128250	17.861	ug/l	98
18) Methyl Acetate	4.28	43	51741	21.205	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	158395	19.737	ug/l	97
20) Methylene Chloride	4.50	84	58518	20.640	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	50814	17.760	ug/l	97
22) Diisopropyl ether	5.90	45	158691	20.382	ug/l	94
23) Vinyl Acetate	5.84	43	635320	99.947	ug/l	98
24) 1,1-Dichloroethane	5.80	63	97769	19.501	ug/l	99
25) 2-Butanone	6.79	43	153914	102.587	ug/l	97
26) 2,2-Dichloropropane	6.78	77	67832	16.236	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	59250	18.403	ug/l	97
28) Bromochloromethane	7.15	49	44853	20.620	ug/l	92
29) Tetrahydrofuran	7.17	42	104369	106.197	ug/l	98
30) Chloroform	7.33	83	98010	19.214	ug/l	98
31) Cyclohexane	7.61	56	79539	18.756	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	79965	18.589	ug/l	97
36) 1,1-Dichloropropene	7.75	75	70349	17.117	ug/l	98
37) Ethyl Acetate	6.89	43	67279	19.769	ug/l	99
38) Carbon Tetrachloride	7.73	117	65336	16.862	ug/l	97

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 Sample : VN0630WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

Quant Time: Jul 01 03:41:49 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)

39) Methylcyclohexane	9.05	83	75732	16.817	ug/l	96
40) Benzene	8.00	78	223961	17.878	ug/l	100
41) Methacrylonitrile	7.12	41	24922	15.796	ug/l #	82
42) 1,2-Dichloroethane	8.09	62	76983	18.189	ug/l	99
43) Isopropyl Acetate	8.13	43	105332	18.986	ug/l	98
44) Trichloroethene	8.80	130	52342	16.564	ug/l	98
45) 1,2-Dichloropropane	9.08	63	58119	18.806	ug/l	99
46) Dibromomethane	9.17	93	37013	17.664	ug/l	97
47) Bromodichloromethane	9.37	83	76624	18.111	ug/l	97
48) Methyl methacrylate	9.17	41	47457	19.078	ug/l	96
49) 1,4-Dioxane	9.17	88	19286	349.615	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	329143	101.544	ug/l	98
52) Toluene	10.12	92	135817	17.769	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	80011	17.189	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	88141	17.786	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	55199	18.372	ug/l	99
56) Ethyl methacrylate	10.40	69	74531	18.588	ug/l	98
57) 1,3-Dichloropropane	10.68	76	95229	18.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	134728	89.940	ug/l	98
59) 2-Hexanone	10.72	43	234265	100.088	ug/l	98
60) Dibromochloromethane	10.87	129	55723	17.518	ug/l	98
61) 1,2-Dibromoethane	10.98	107	53278	17.258	ug/l	96
64) Tetrachloroethene	10.60	164	41499	15.984	ug/l	94
65) Chlorobenzene	11.41	112	141467	16.949	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	50293	17.425	ug/l	98
67) Ethyl Benzene	11.48	91	248391	17.621	ug/l	98
68) m/p-Xylenes	11.59	106	186718	34.246	ug/l	97
69) o-Xylene	11.92	106	88912	17.284	ug/l	98
70) Styrene	11.94	104	149336	17.406	ug/l	100
71) Bromoform	12.10	173	32486	15.831	ug/l #	99
73) Isopropylbenzene	12.22	105	237996	18.821	ug/l	99
74) N-amyl acetate	12.05	43	84140	20.210	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	82510	19.608	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	97658	25.395	ug/l #	100
77) Bromobenzene	12.50	156	54955	17.505	ug/l	90
78) n-propylbenzene	12.57	91	270438	18.697	ug/l	99
79) 2-Chlorotoluene	12.65	91	162820	18.620	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	190973	18.630	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	22552	17.126	ug/l	93
82) 4-Chlorotoluene	12.75	91	167082	18.477	ug/l	97
83) tert-Butylbenzene	12.97	119	162986	18.579	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	189788	18.537	ug/l	99
85) sec-Butylbenzene	13.15	105	221881	19.141	ug/l	99
86) p-Isopropyltoluene	13.26	119	186113	18.325	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	95509	17.325	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	95404	16.789	ug/l	98
89) n-Butylbenzene	13.59	91	148839	17.627	ug/l	98
90) Hexachloroethane	13.85	117	36204	18.169	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	94298	17.640	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13649	20.248	ug/l	91

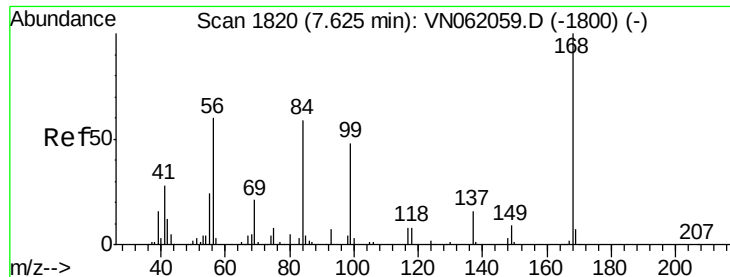
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
Data File : VN062260.D
Acq On : 1 Jul 2020 00:41
Operator : JC/MD
Sample : VN0630WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Quant Time: Jul 01 03:41:49 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)
93) 1,2,4-Trichlorobenzene	14.88	180	38645	16.548	ug/l	98
94) Hexachlorobutadiene	14.98	225	18300	18.042	ug/l	97
95) Naphthalene	15.10	128	112011	17.231	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	40981	17.162	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampled :

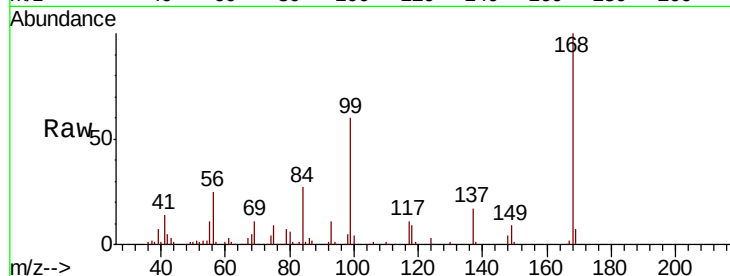
VN0630WBSD02

Tot Ion:168 Resp: 218728

Ion Ratio Lower Upper

168 100

99 60.0 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

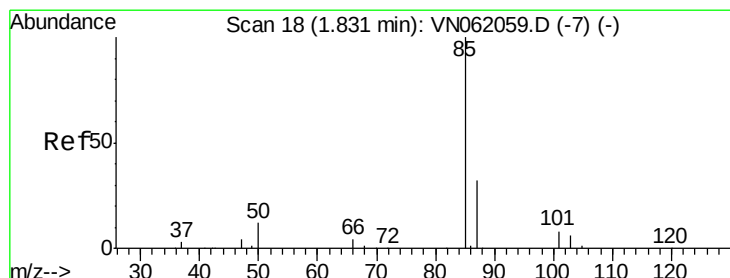
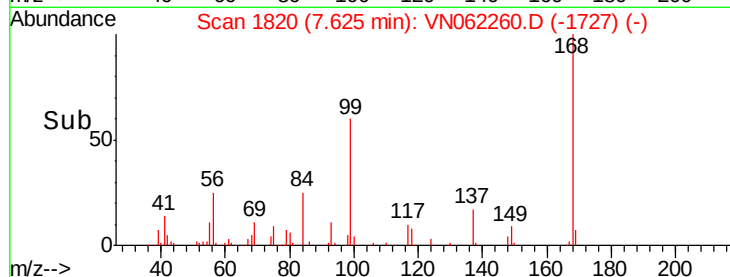
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.027 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062260.D

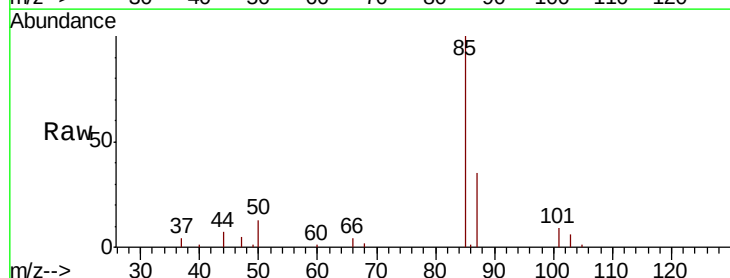
Acq: 1 Jul 2020 00:41

Tgt Ion: 85 Resp: 42097

Ion Ratio Lower Upper

85 100

87 34.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

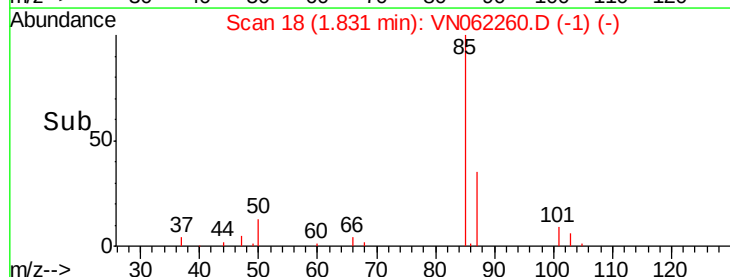
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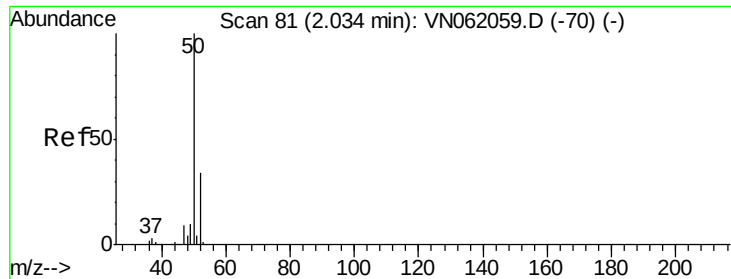
20000

10000

0

Time--> 1.80 1.85 1.90

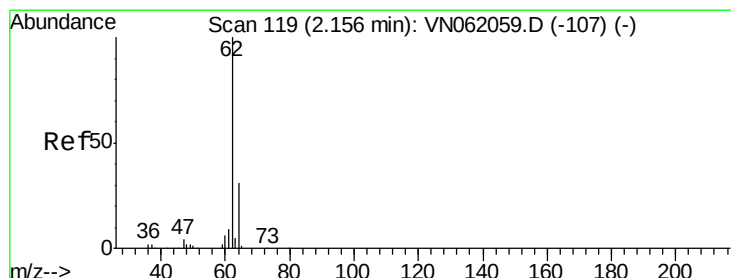
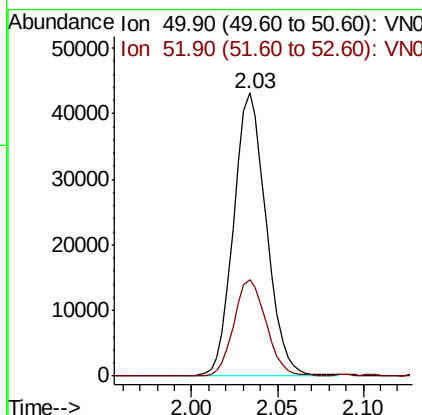
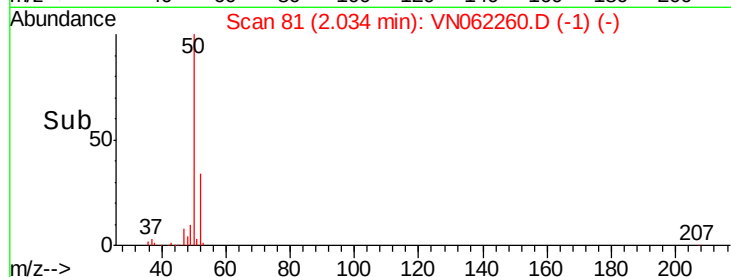
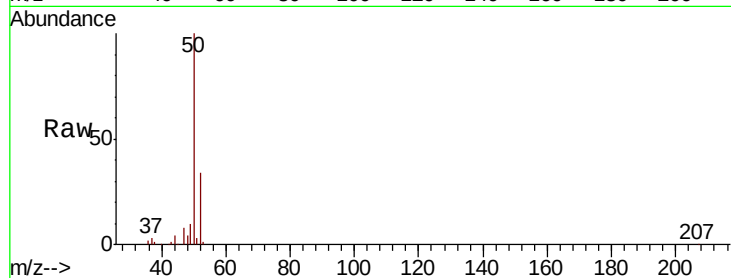




#3
Chloromethane
Concen: 18.746 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

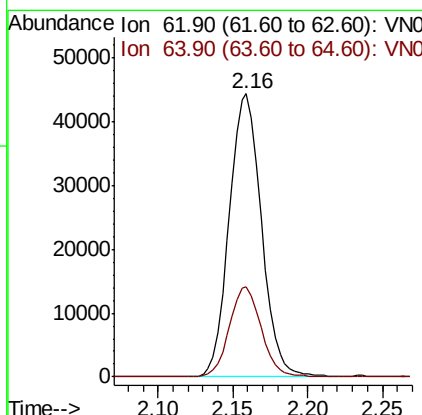
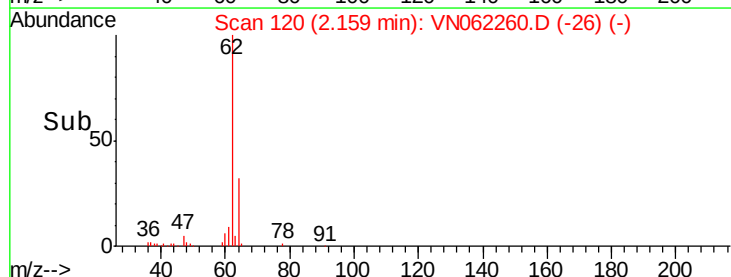
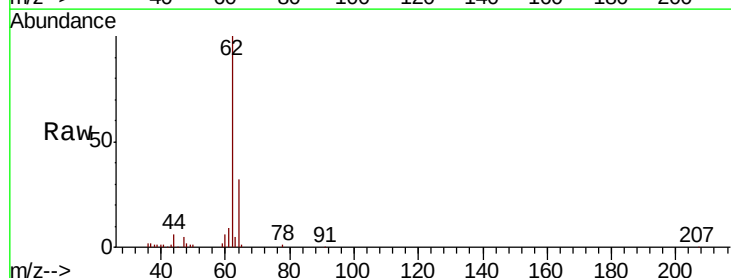
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

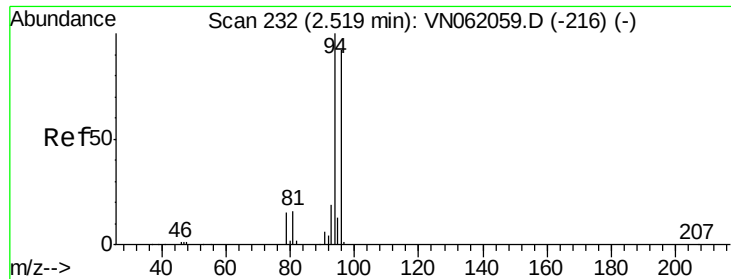
Tot Ion: 50 Resp: 56997
Ion Ratio Lower Upper
50 100
52 34.3 27.0 40.6



#4
Vinyl Chloride
Concen: 17.097 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 62 Resp: 66566
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7





#5

Bromomethane

Concen: 17.131 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

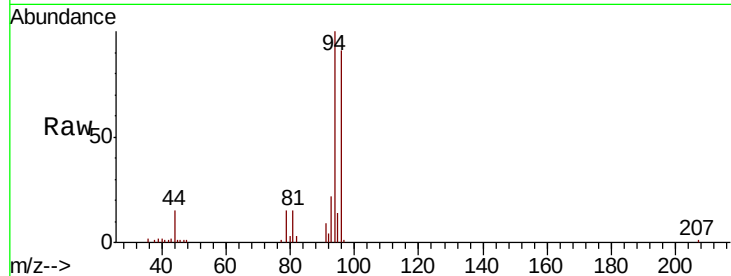
VN0630WBSD02

Tot Ion: 94 Resp: 43107

Ion Ratio Lower Upper

94 100

96 90.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062260.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062260.D (-139) (-)

2.53

20000

15000

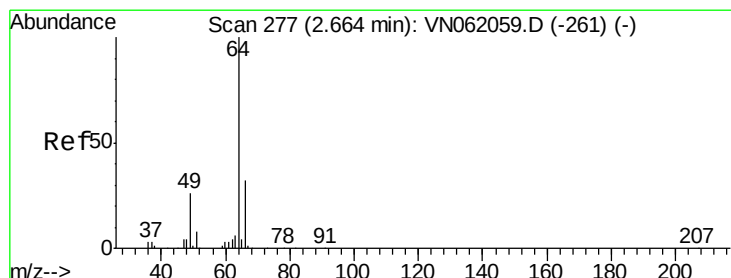
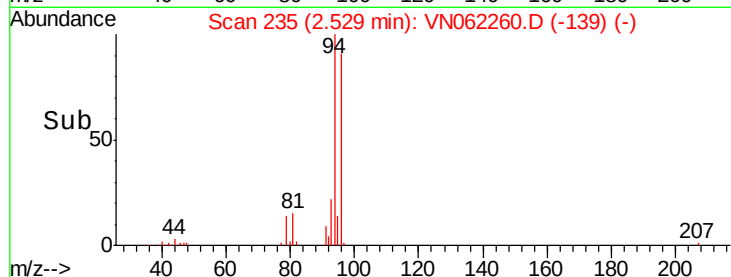
10000

5000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 17.550 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062260.D

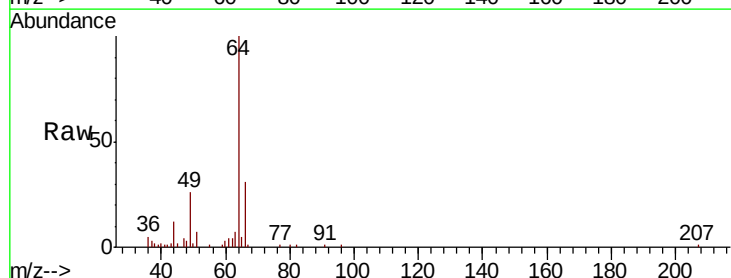
Acq: 1 Jul 2020 00:41

Tgt Ion: 64 Resp: 46678

Ion Ratio Lower Upper

64 100

66 31.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062260.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062260.D (-184) (-)

2.67

25000

20000

15000

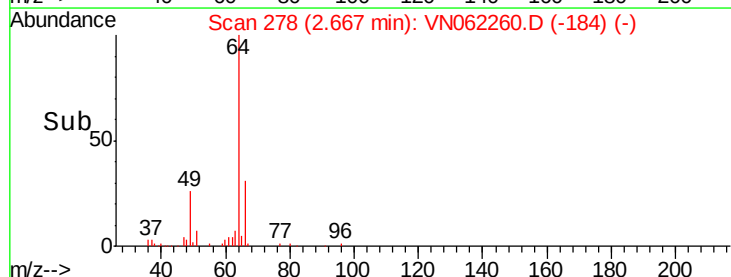
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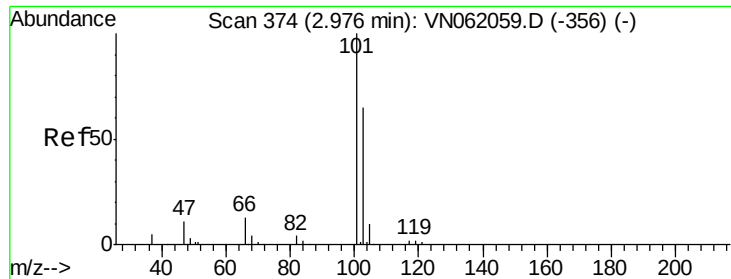
5000

0

2.60 2.65 2.70 2.75

Time-->



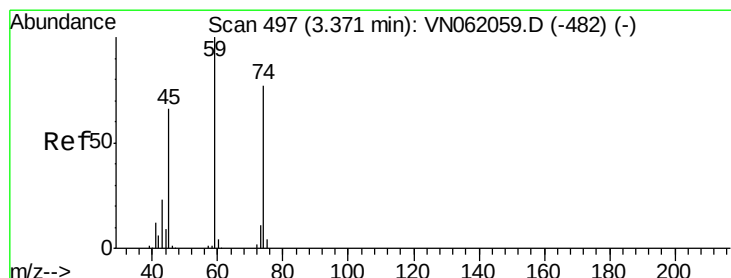
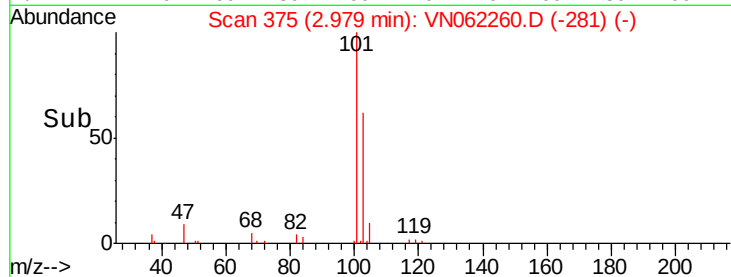
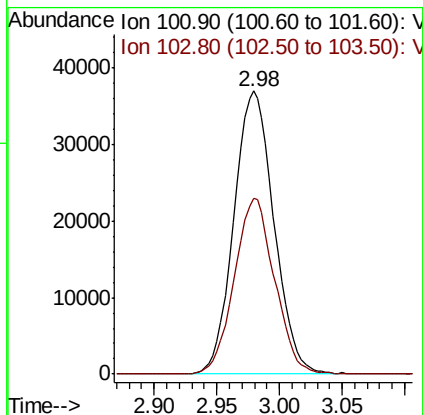
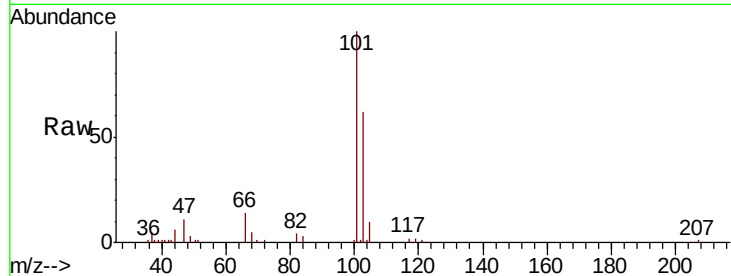


#7

Trichlorofluoromethane
Concen: 17.108 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

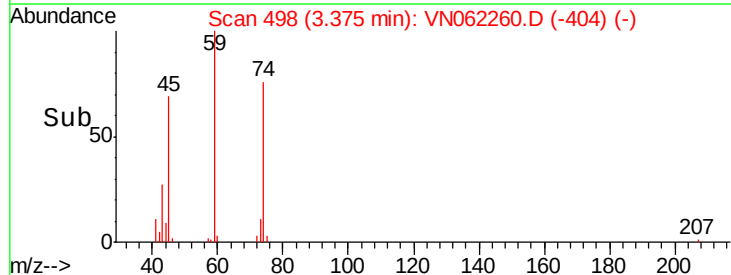
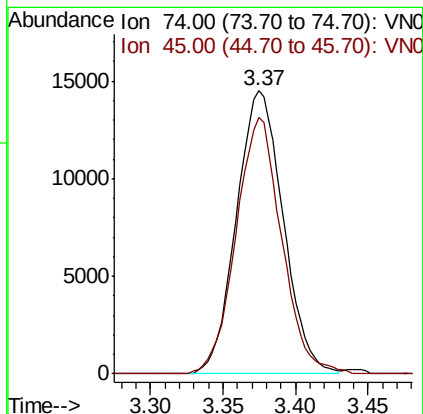
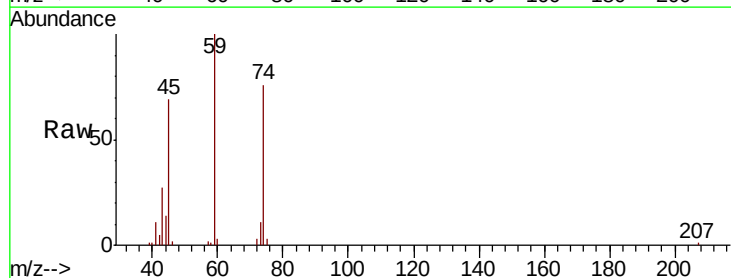
Tot Ion:101 Resp: 82078
Ion Ratio Lower Upper
101 100
103 62.2 51.8 77.6

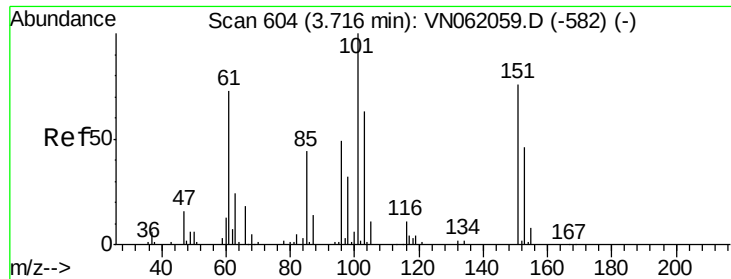


#8

Diethyl Ether
Concen: 19.413 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 74 Resp: 32521
Ion Ratio Lower Upper
74 100
45 88.4 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.344 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

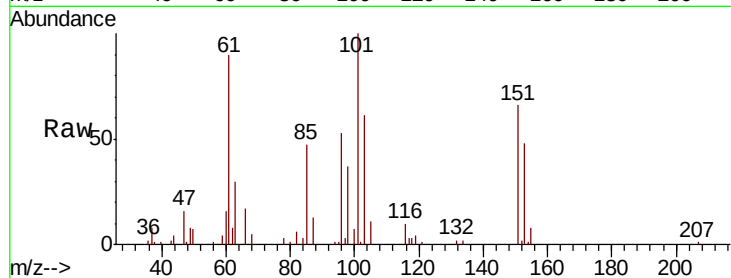
Tot Ion:101 Resp: 46086

Ion Ratio Lower Upper

101 100

85 45.8 34.5 51.7

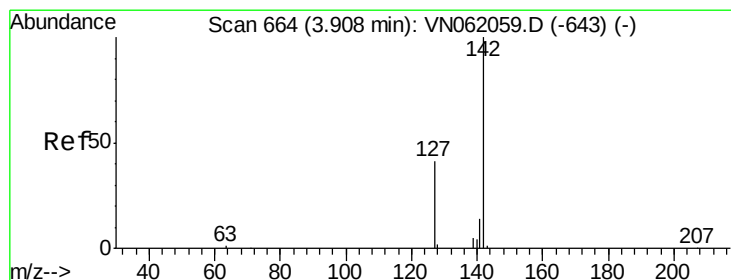
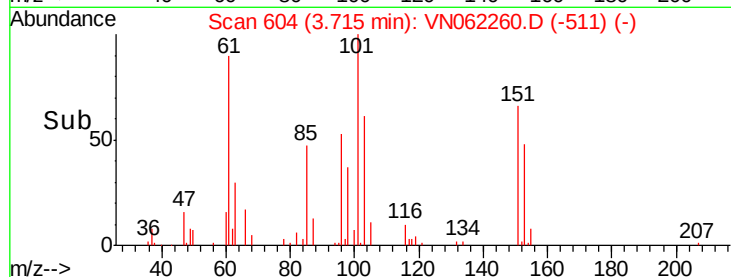
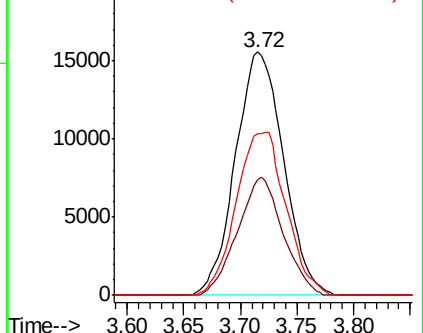
151 69.2 57.8 86.8



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: 16.887 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

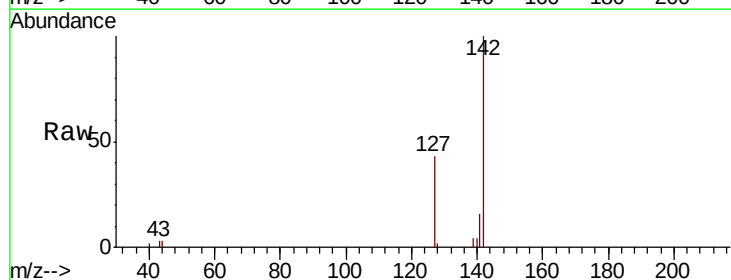
Tgt Ion:142 Resp: 47781

Ion Ratio Lower Upper

142 100

127 42.9 33.6 50.4

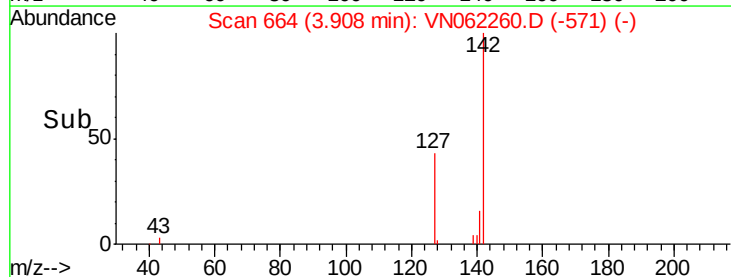
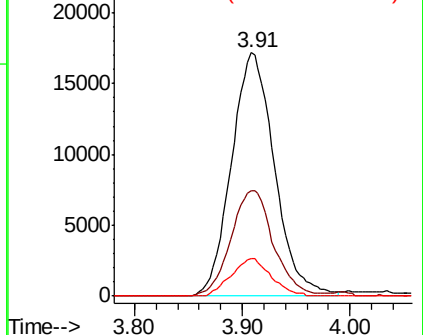
141 14.3 11.3 16.9

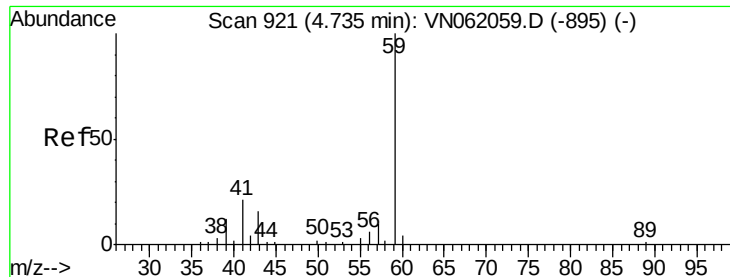


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

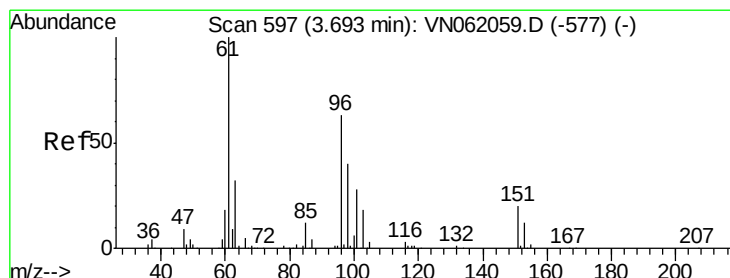
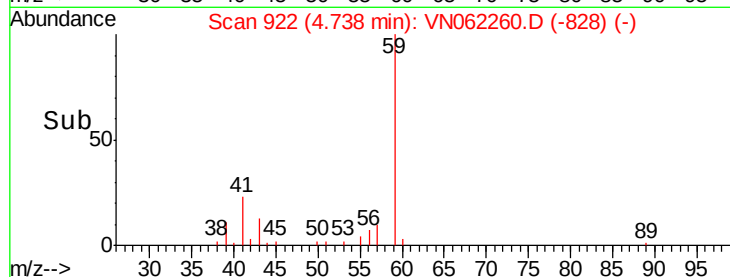
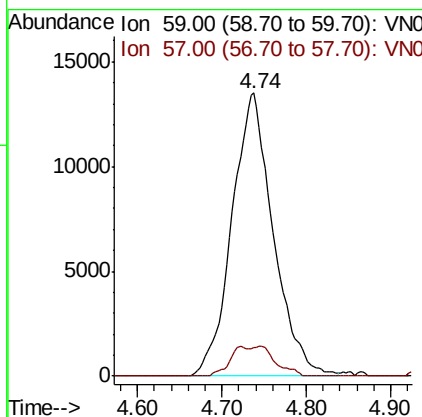
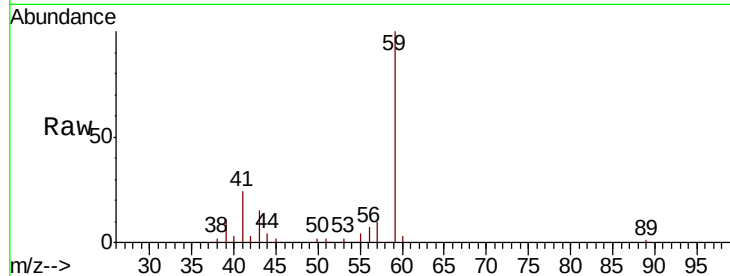




#11
Tert butyl alcohol
Concen: 104.438 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

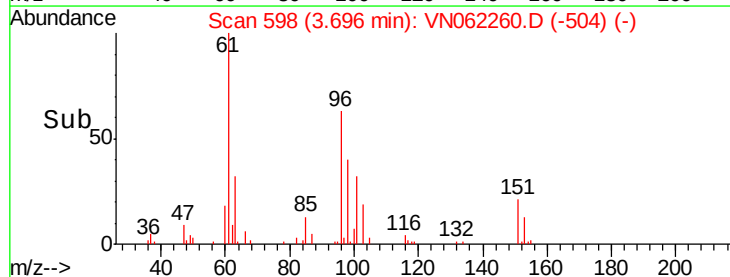
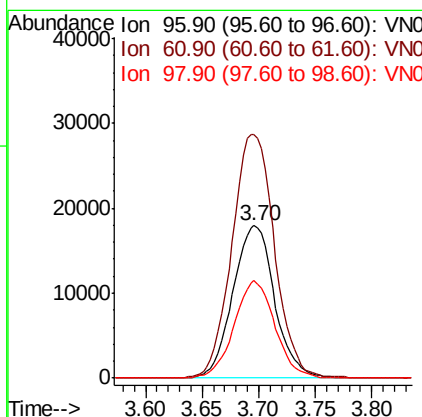
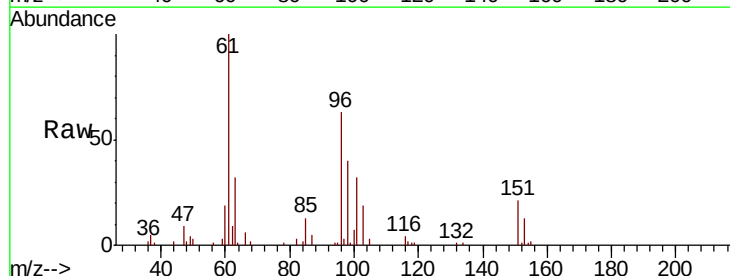
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

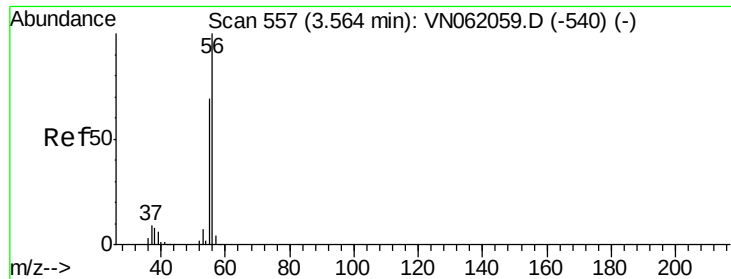
Tot Ion: 59 Resp: 46027
Ion Ratio Lower Upper
59 100
57 4.7 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 18.338 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 96 Resp: 46057
Ion Ratio Lower Upper
96 100
61 158.6 126.7 190.1
98 64.1 51.0 76.4





#13

Acrolein

Concen: 101.594 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

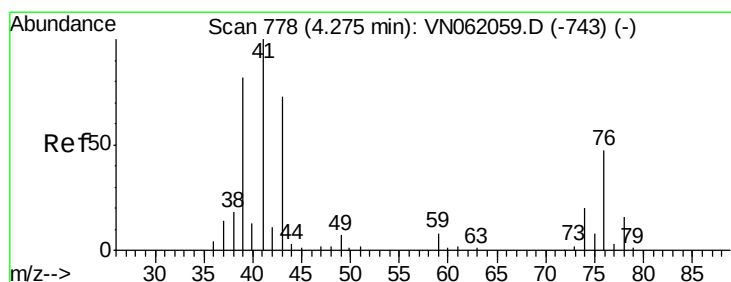
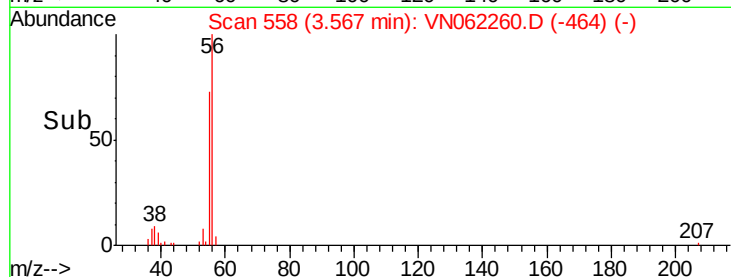
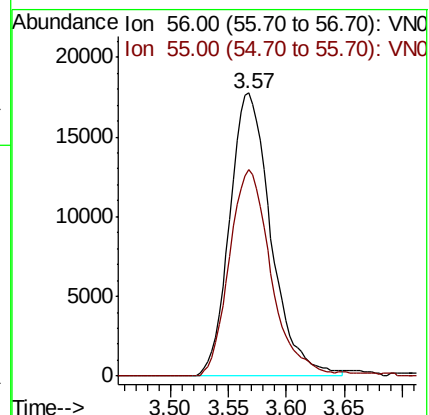
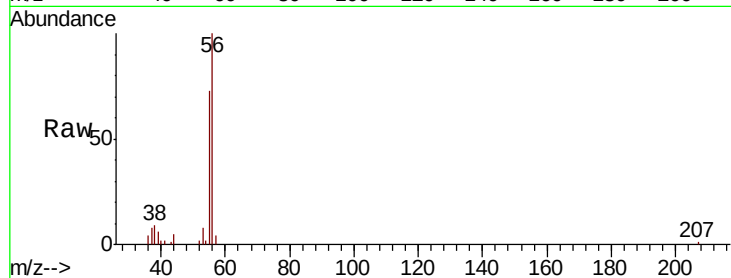
VN0630WBSD02

Tot Ion: 56 Resp: 43836

Ion Ratio Lower Upper

56 100

55 73.6 55.5 83.3



#14

Allyl chloride

Concen: 20.266 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

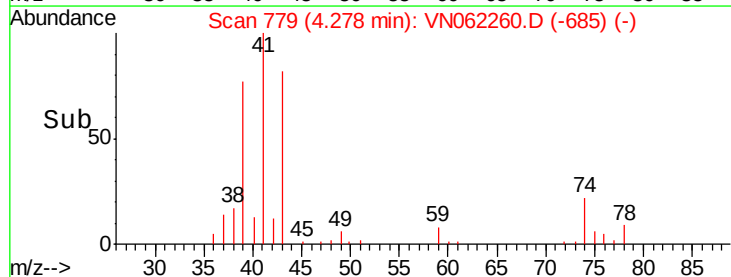
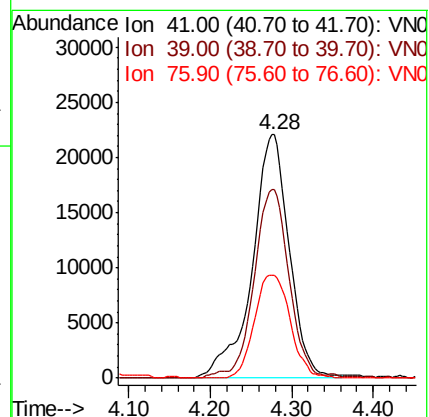
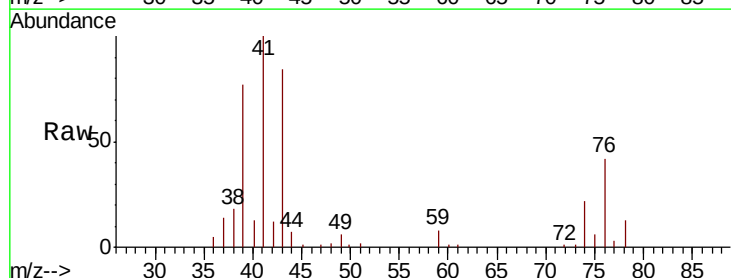
Tgt Ion: 41 Resp: 69298

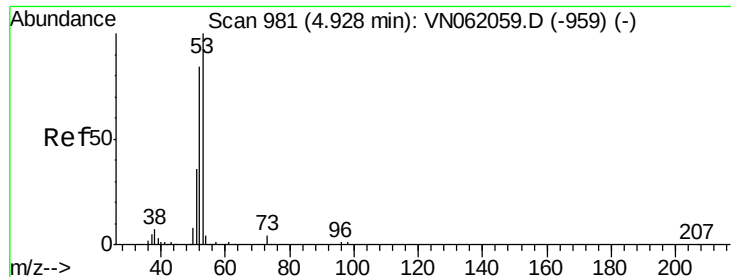
Ion Ratio Lower Upper

41 100

39 72.9 60.0 90.0

76 40.8 34.1 51.1





#15

Acrylonitrile

Concen: 103.250 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

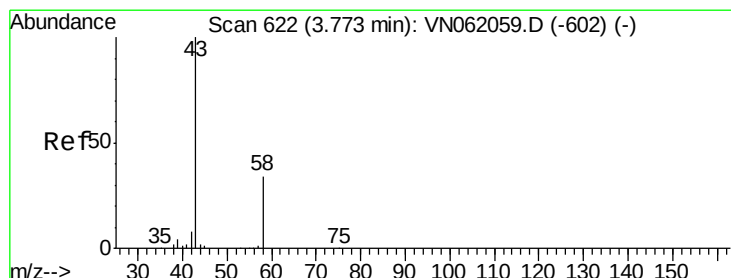
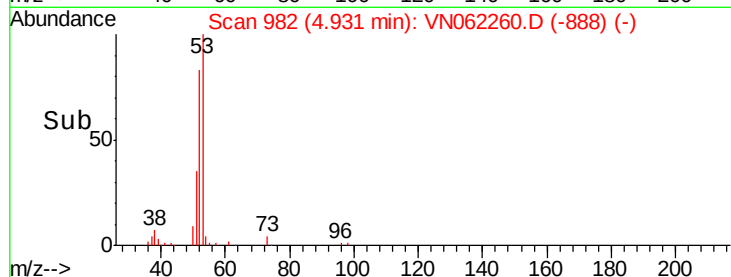
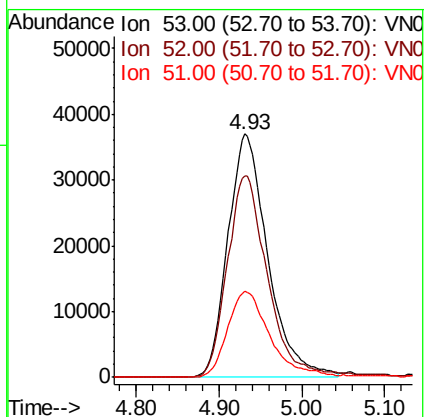
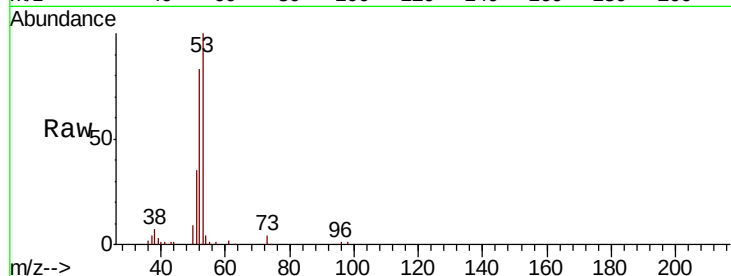
Tot Ion: 53 Resp: 123998

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.4

51 37.3 28.9 43.3



#16

Acetone

Concen: 102.935 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062260.D

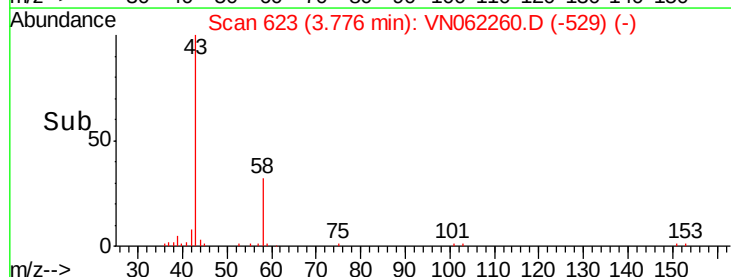
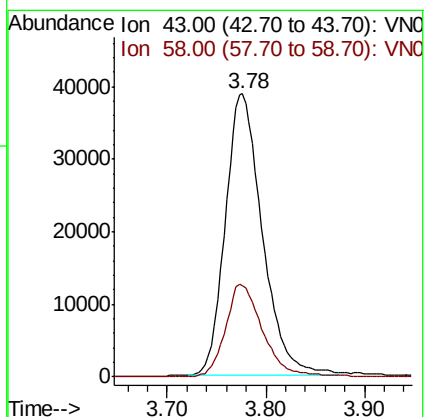
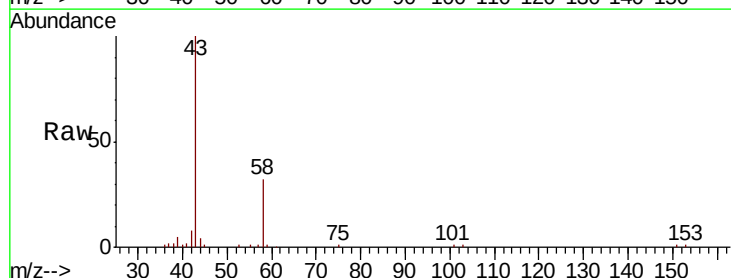
Acq: 1 Jul 2020 00:41

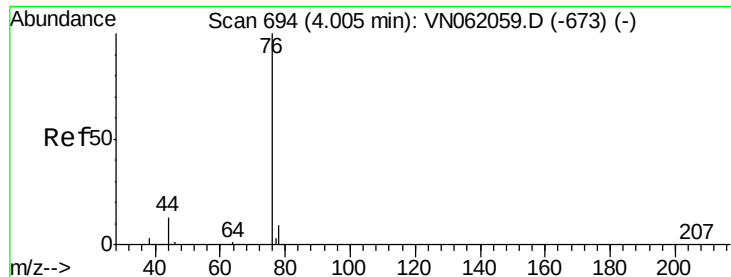
Tgt Ion: 43 Resp: 101471

Ion Ratio Lower Upper

43 100

58 32.6 27.5 41.3





#17

Carbon Disulfide

Concen: 17.861 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampled :

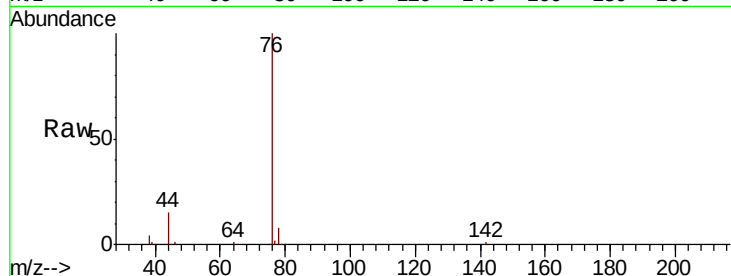
VN0630WBSD02

Tot Ion: 76 Resp: 128250

Ion Ratio Lower Upper

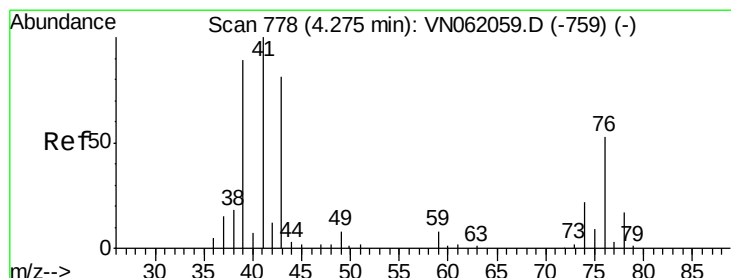
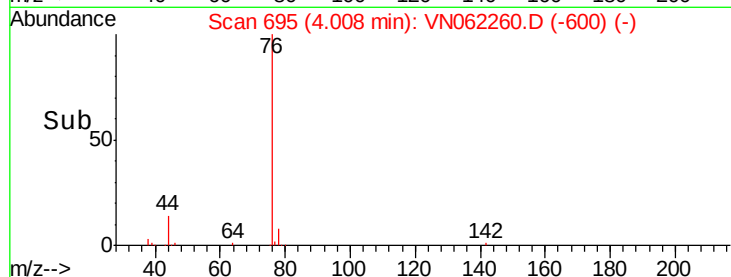
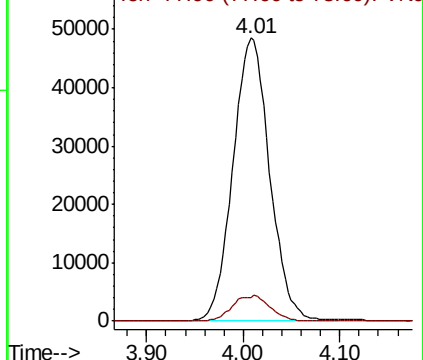
76 100

78 8.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 21.205 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062260.D

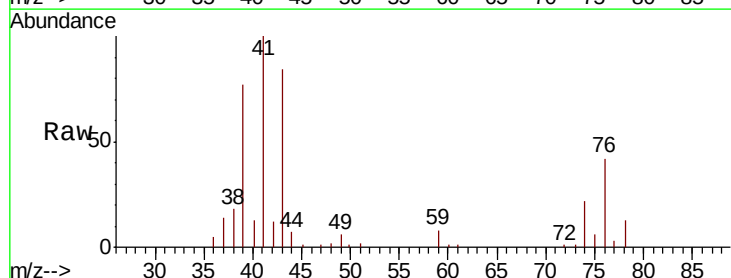
Acq: 1 Jul 2020 00:41

Tgt Ion: 43 Resp: 51741

Ion Ratio Lower Upper

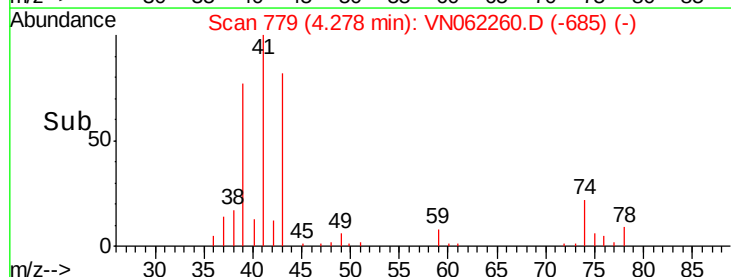
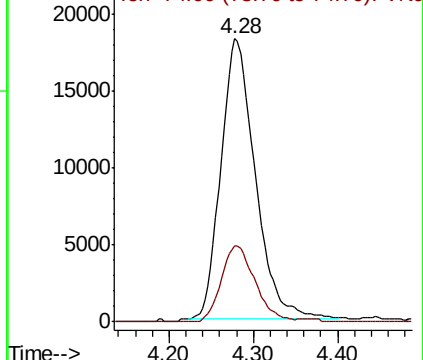
43 100

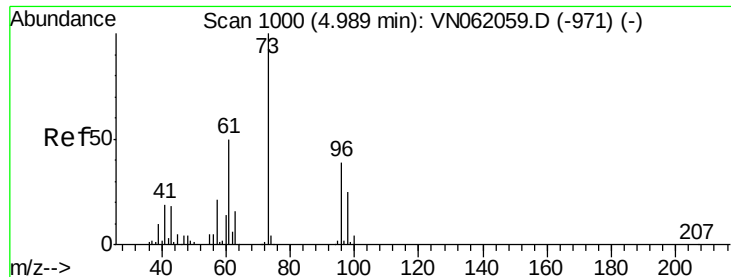
74 26.8 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

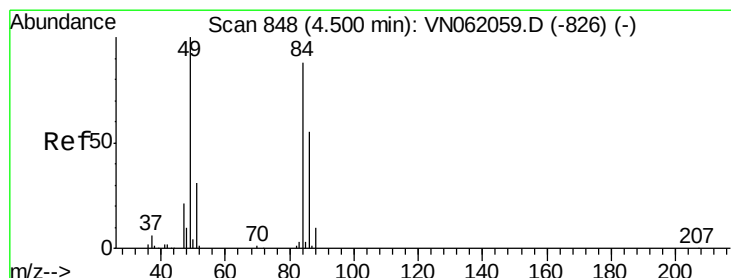
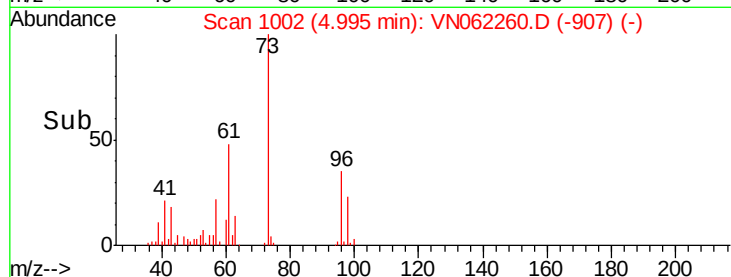
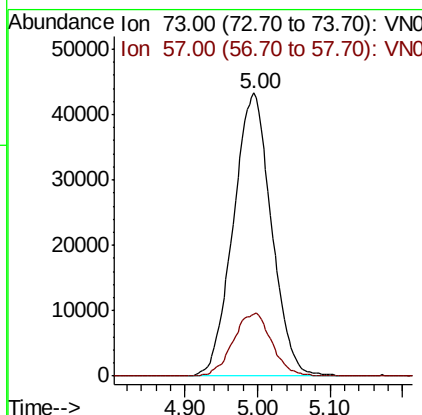
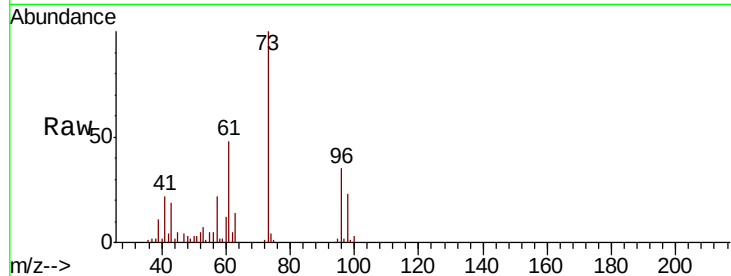




#19
Methvl tert-butyl Ether
Concen: 19.737 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

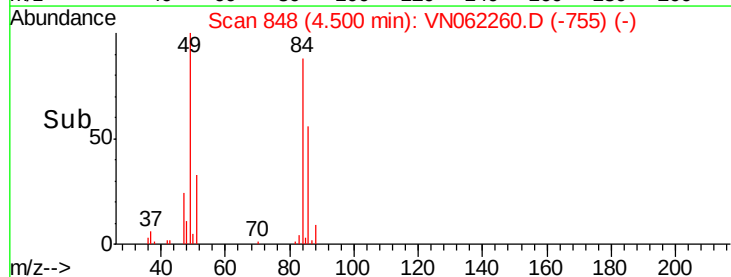
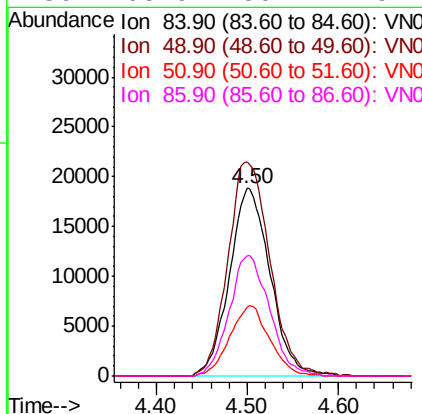
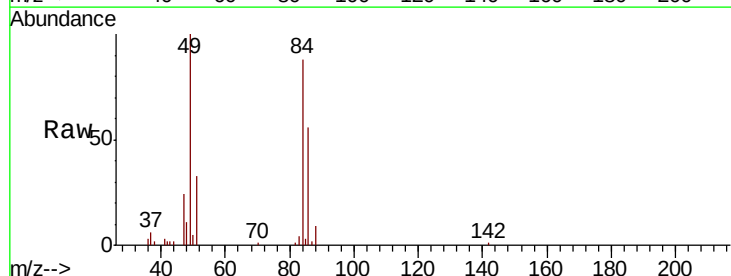
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

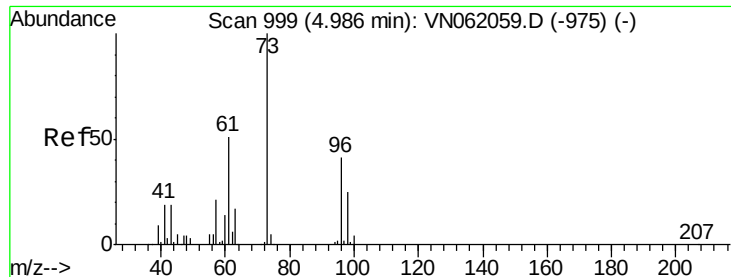
Tot Ion: 73 Resp: 158395
Ion Ratio Lower Upper
73 100
57 21.9 16.6 24.8



#20
Methylene Chloride
Concen: 20.640 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 84 Resp: 58518
Ion Ratio Lower Upper
84 100
49 113.6 90.6 136.0
51 37.0 27.8 41.8
86 63.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.760 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

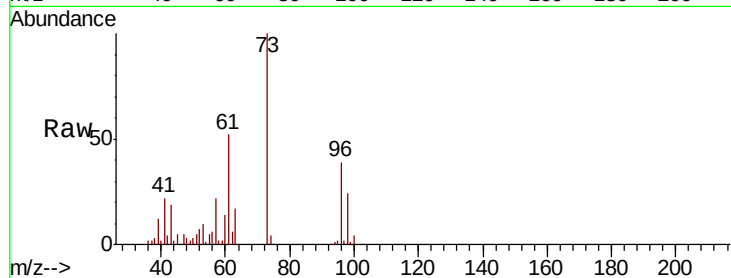
Tot Ion: 96 Resp: 50814

Ion Ratio Lower Upper

96 100

61 131.3 101.4 152.2

98 62.8 49.3 73.9

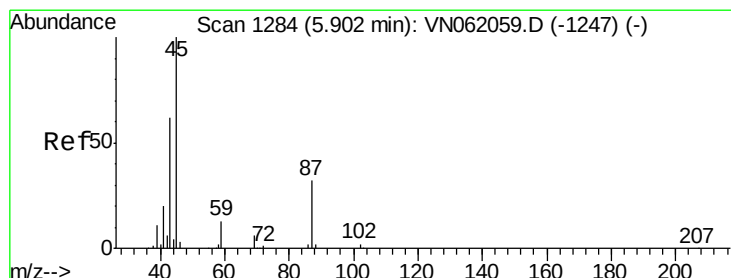
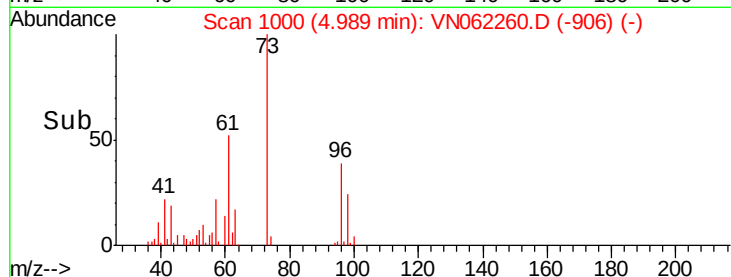
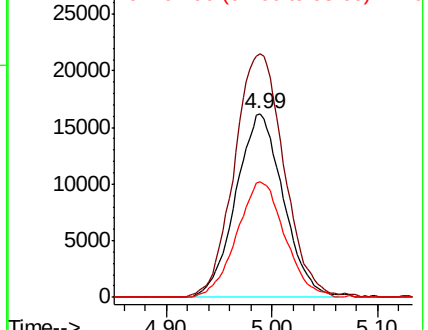


Abundance

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



#22

Diisopropyl ether

Concen: 20.382 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Tgt Ion: 45 Resp: 158691

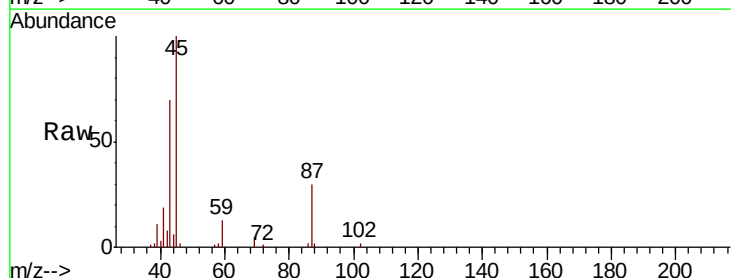
Ion Ratio Lower Upper

45 100

43 67.9 49.7 74.5

87 30.3 25.9 38.9

59 12.6 10.6 16.0



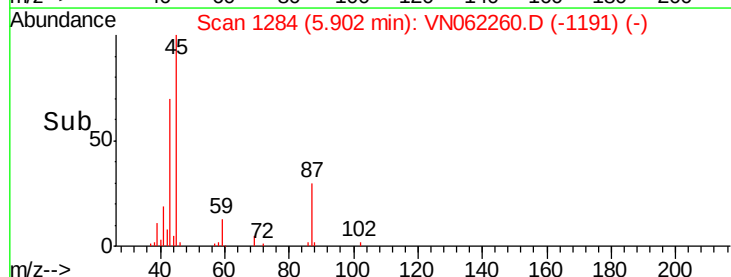
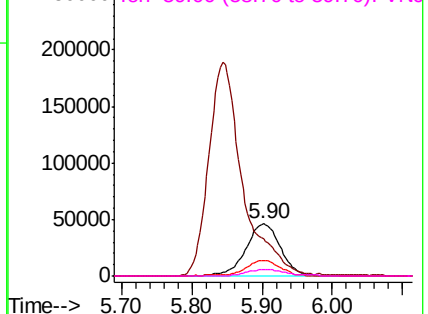
Abundance

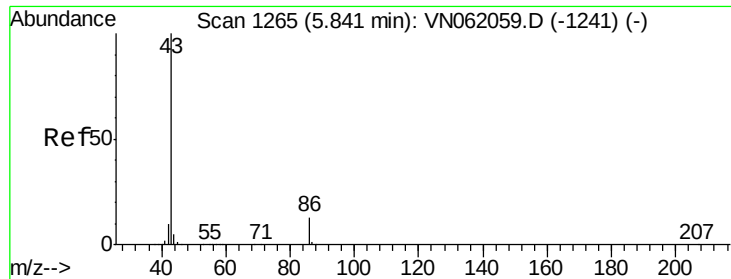
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 99.947 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleID :

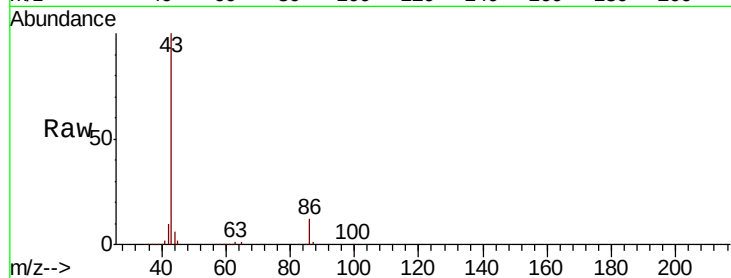
VN0630WBSD02

Tot Ion: 43 Resp: 635320

Ion Ratio Lower Upper

43 100

86 11.8 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062260.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062260.D (-1172) (-)

5.84

200000

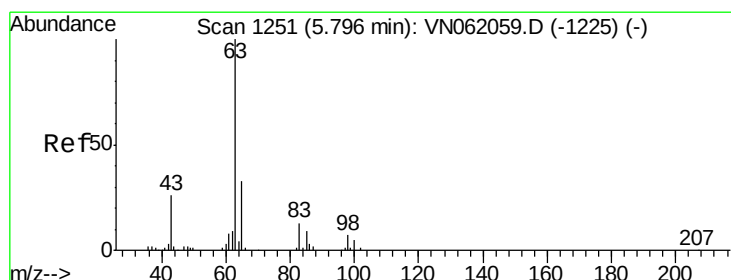
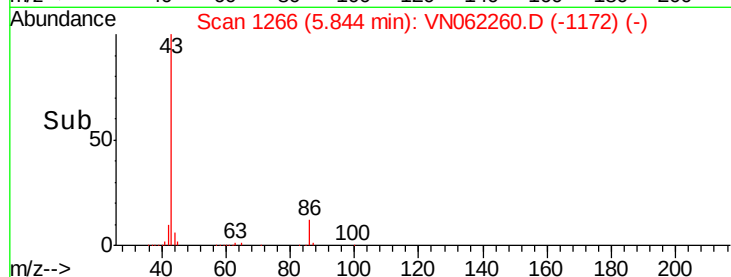
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 19.501 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

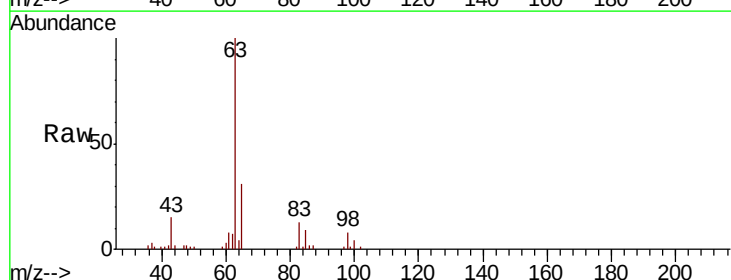
Tgt Ion: 63 Resp: 97769

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 4.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062260.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062260.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062260.D (-1158) (-)

5.80

40000

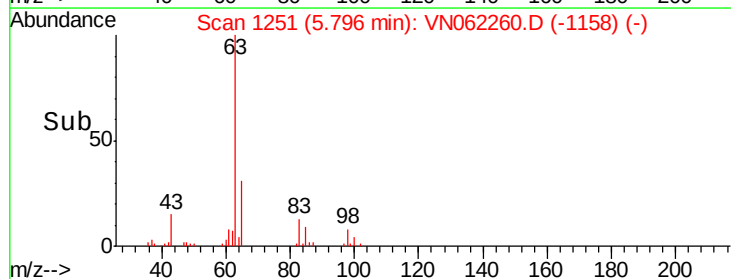
30000

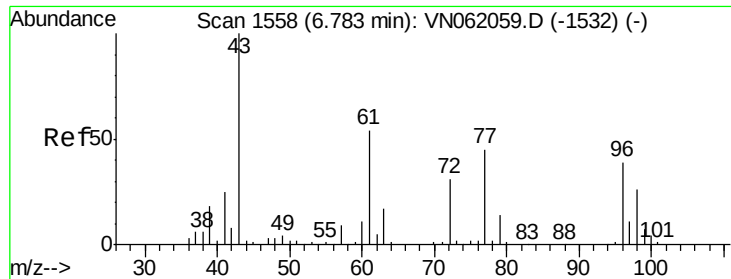
20000

10000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 102.587 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampled :

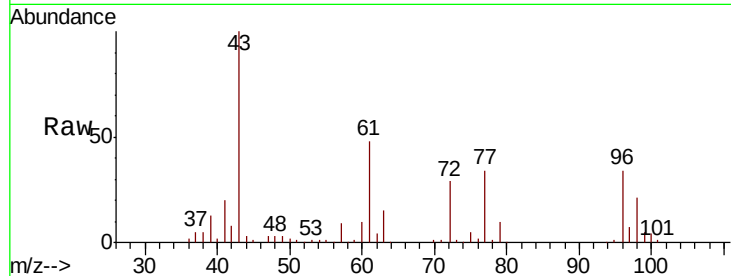
VN0630WBSD02

Tot Ion: 43 Resp: 153914

Ion Ratio Lower Upper

43 100

72 29.2 24.8 37.2



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

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

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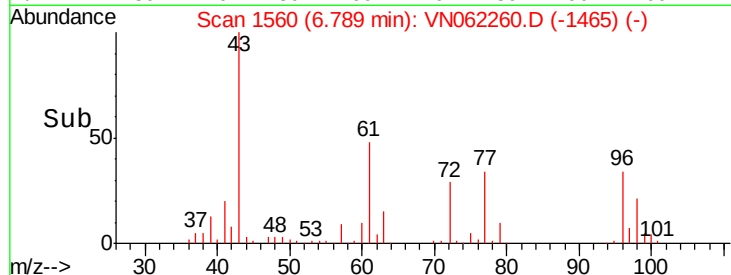
6.79

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6.79



Abundance Ion 43.00 (42.70 to 43.70): VN062260.D (-1465) (-)

Ion 72.00 (71.70 to 72.70): VN062260.D (-1465) (-)

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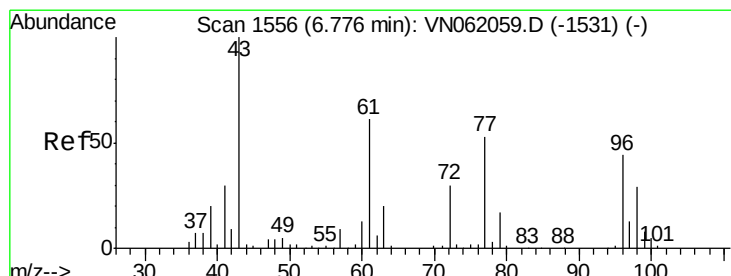
6.79

6.79

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6.79

6.79



#26

2,2-Dichloropropane

Concen: 16.236 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062260.D

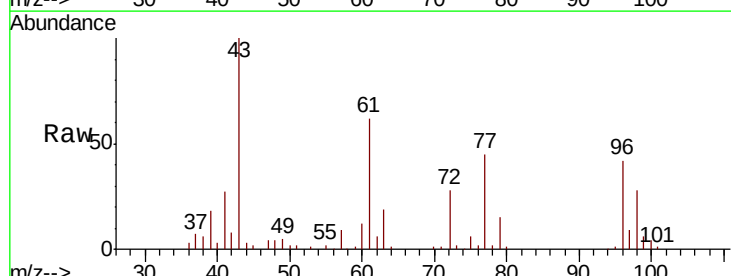
Acq: 1 Jul 2020 00:41

Tgt Ion: 77 Resp: 67832

Ion Ratio Lower Upper

77 100

97 21.5 11.8 35.3



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

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

6.78

6.78

6.78

6.78

6.78

6.78

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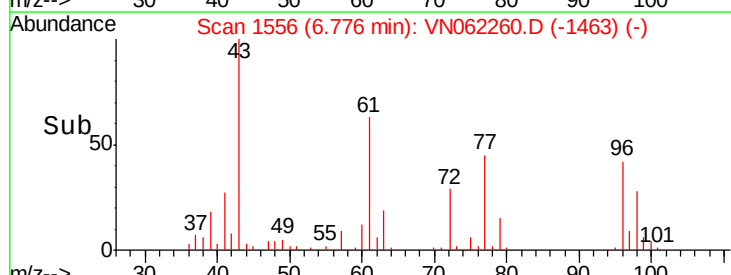
6.78

6.78

6.78

6.78

6.78



Abundance Ion 76.90 (76.60 to 77.60): VN062260.D (-1463) (-)

Ion 96.90 (96.60 to 97.60): VN062260.D (-1463) (-)

6.78

6.78

6.78

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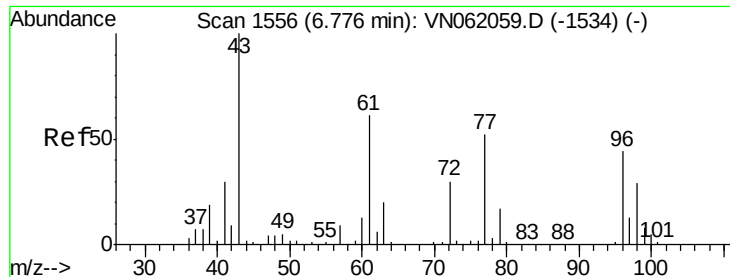
6.78

6.78

6.78

6.78

6.78



#27

cis-1,2-Dichloroethene

Concen: 18.403 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

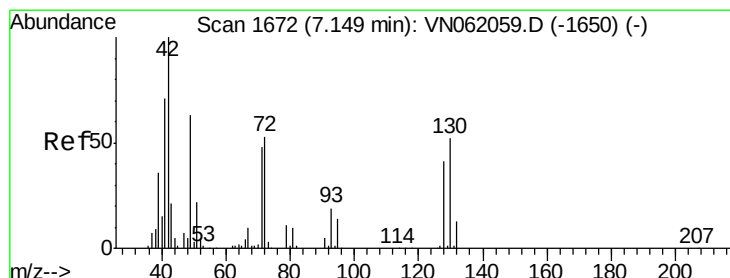
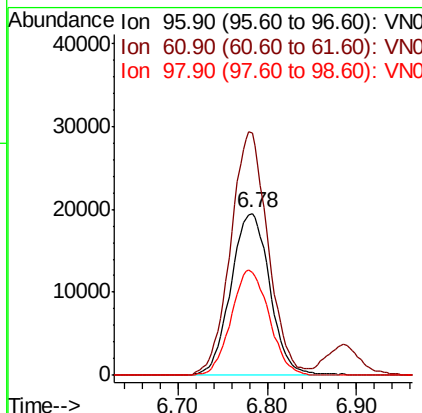
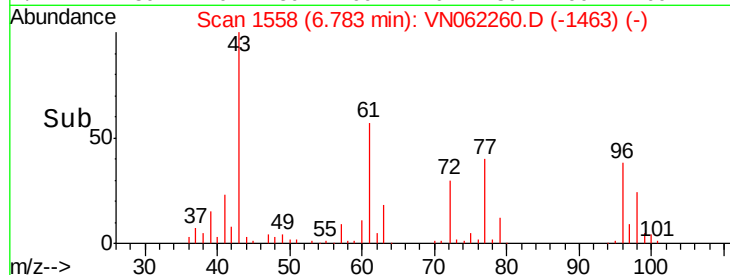
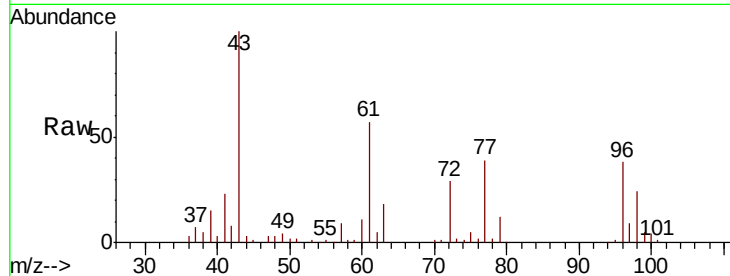
Tot Ion: 96 Resp: 59250

Ion Ratio Lower Upper

96 100

61 144.3 0.0 280.4

98 63.1 0.0 129.4



#28

Bromochloromethane

Concen: 20.620 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

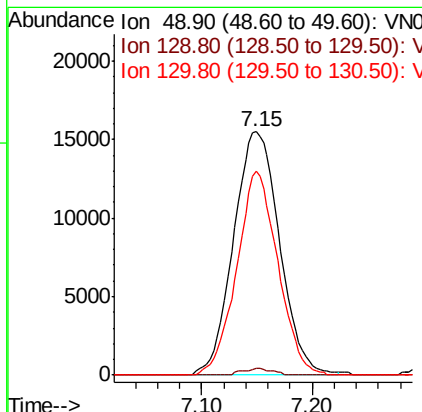
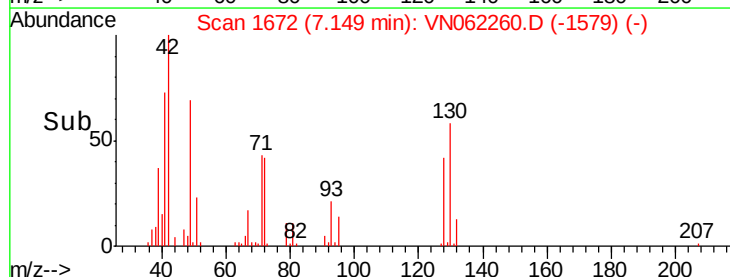
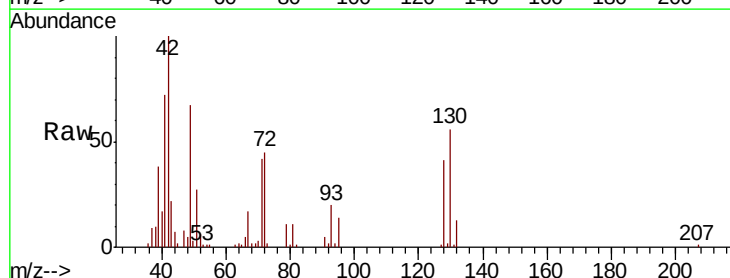
Tgt Ion: 49 Resp: 44853

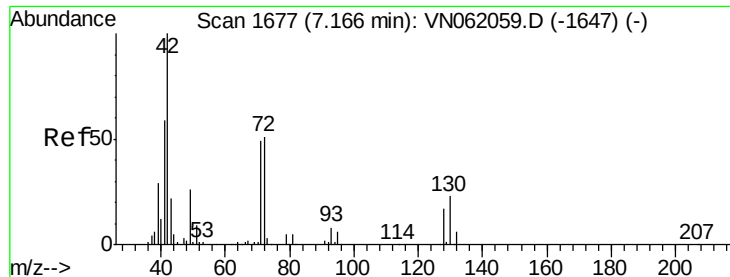
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.4

130 74.6 65.5 98.3

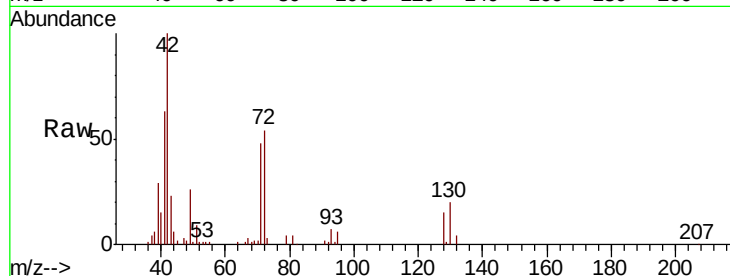




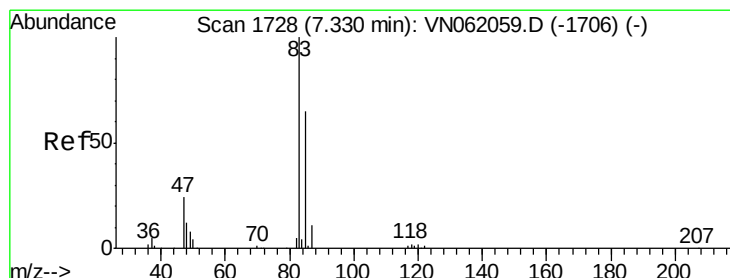
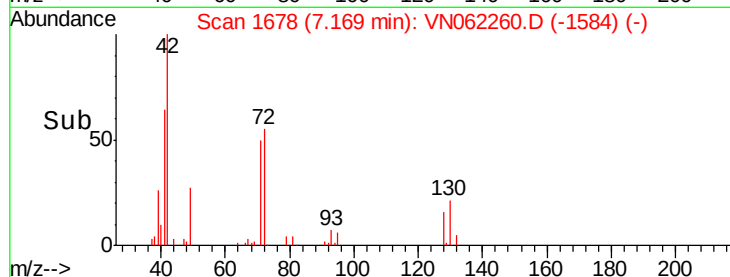
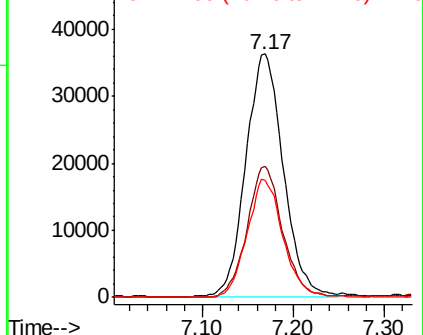
#29
Tetrahydrofuran
Concen: 106.197 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

Tot Ion: 42 Resp: 104369
Ion Ratio Lower Upper
42 100
72 50.7 41.1 61.7
71 46.1 38.2 57.4

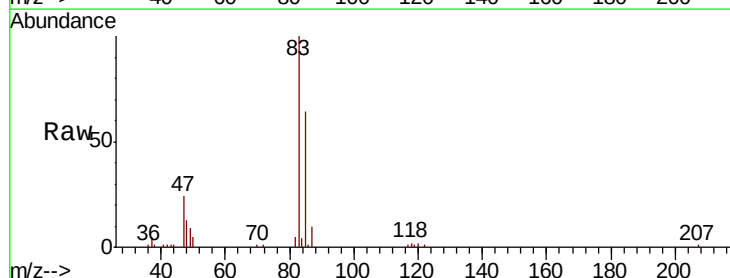


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

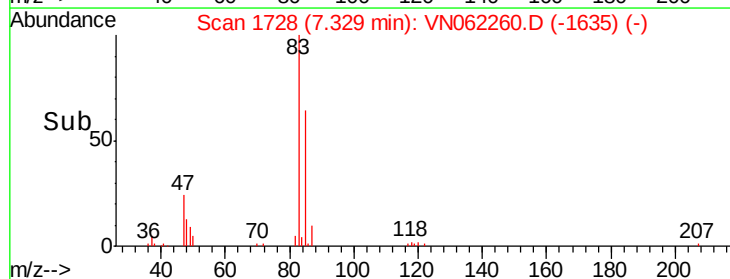
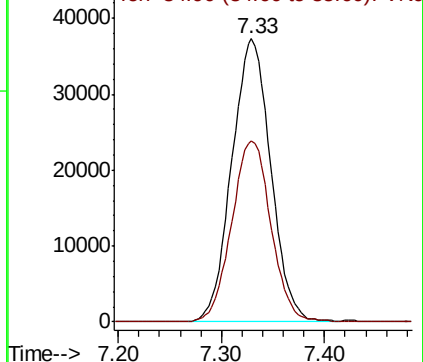


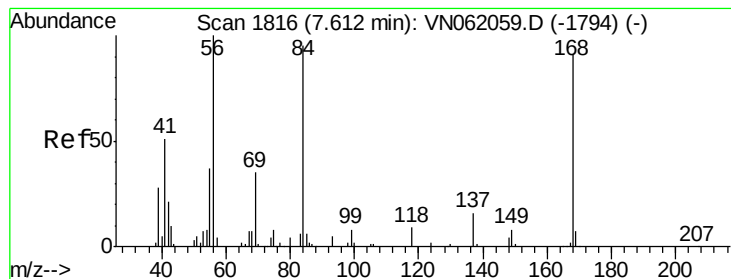
#30
Chloroform
Concen: 19.214 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 83 Resp: 98010
Ion Ratio Lower Upper
83 100
85 63.8 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.756 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleID :

VN0630WBSD02

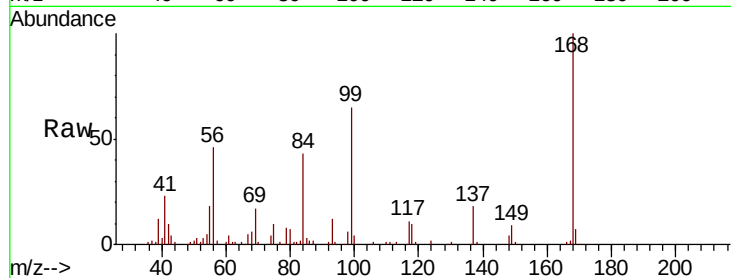
Tot Ion: 56 Resp: 79539

Ion Ratio Lower Upper

56 100

69 37.7 28.0 42.0

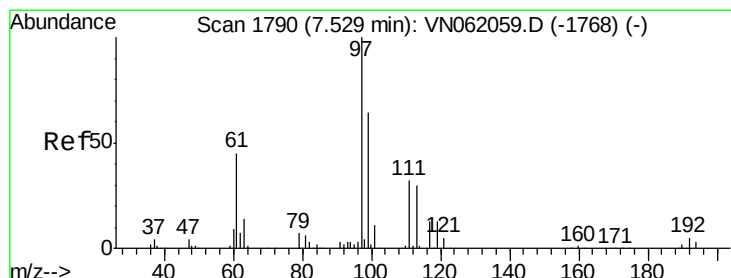
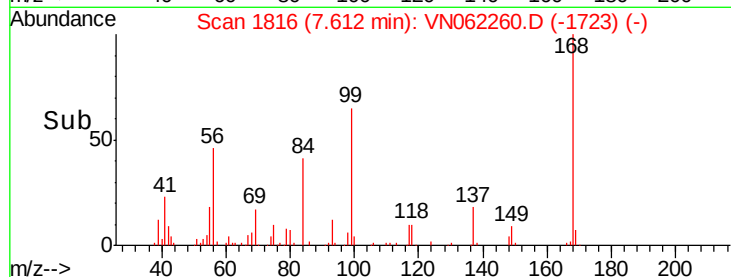
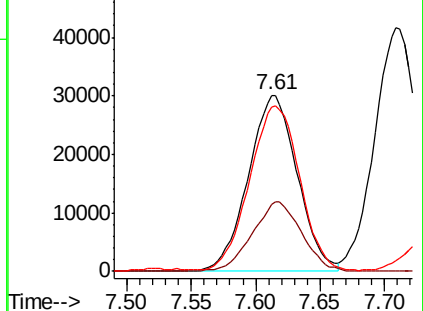
84 92.6 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062260.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062260.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062260.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 18.589 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

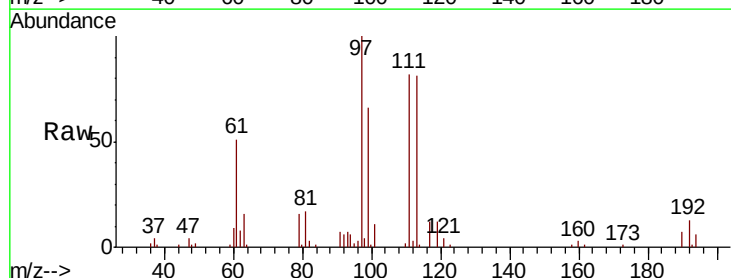
Tgt Ion: 97 Resp: 79965

Ion Ratio Lower Upper

97 100

99 62.3 51.0 76.4

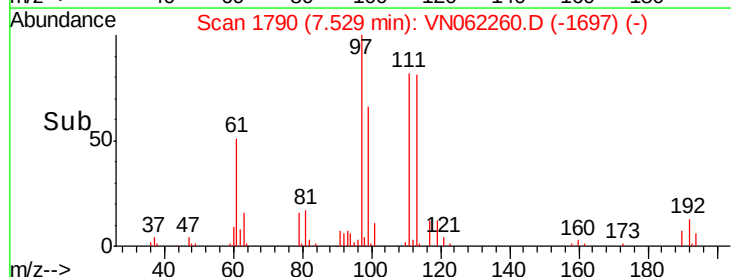
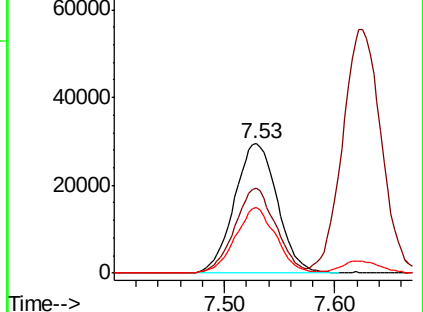
61 48.0 36.2 54.2

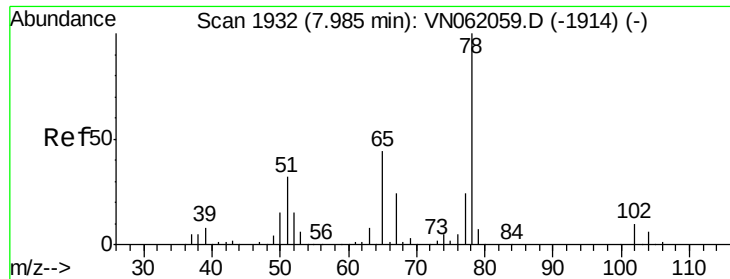


Abundance Ion 96.90 (96.60 to 97.60): VN062260.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062260.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062260.D (-1697) (-)

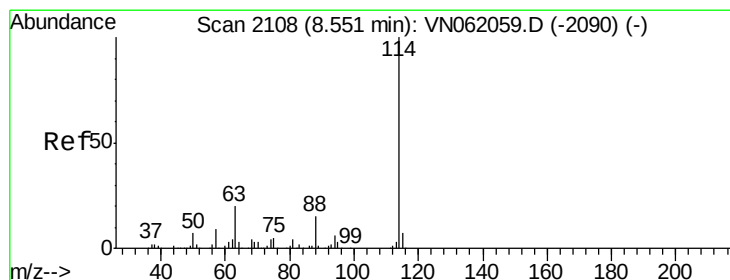
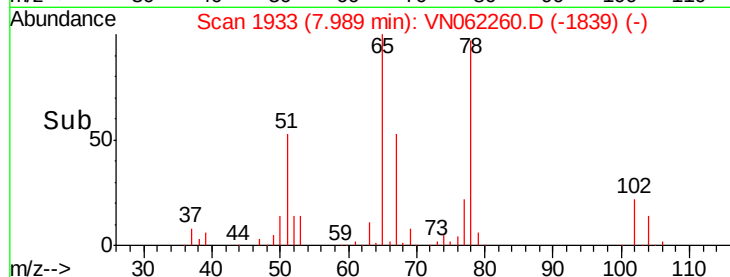
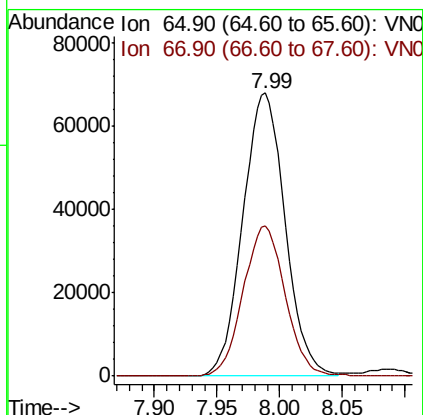
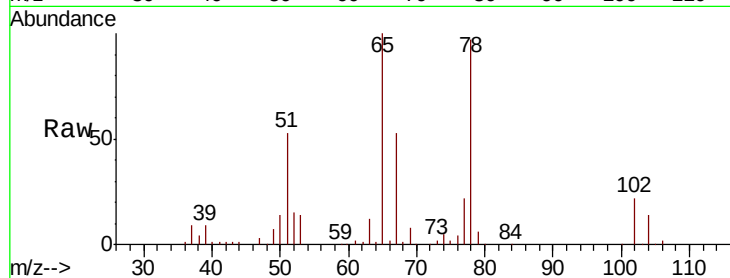




#33
 1,2-Dichloroethane-d4
 Concen: 51.920 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

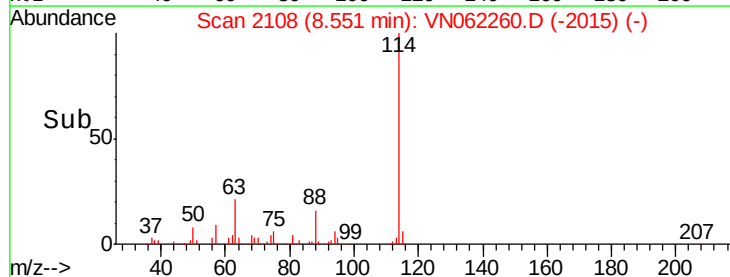
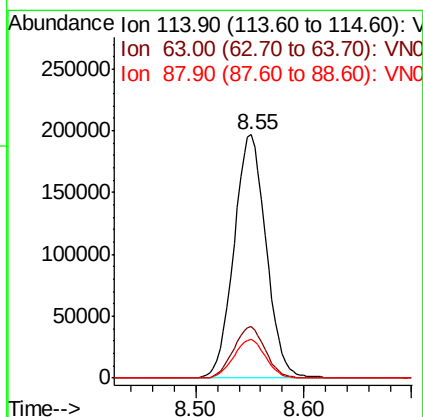
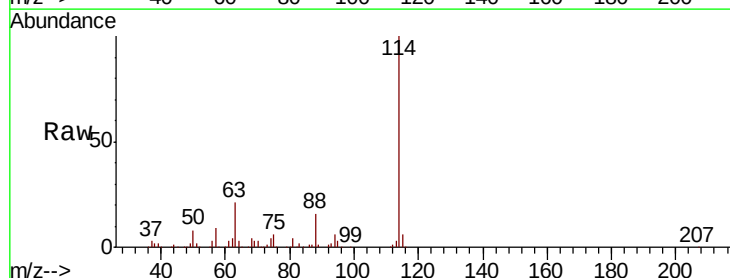
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

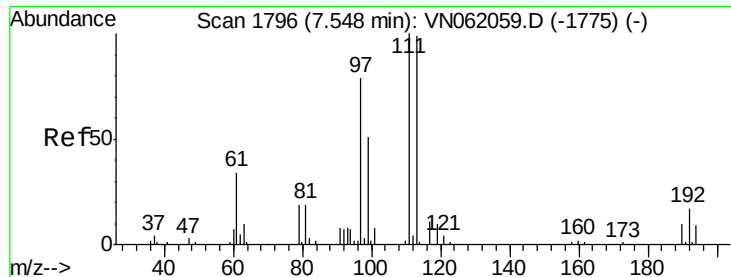
Tot Ion: 65 Resp: 159368
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion: 114 Resp: 408889
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.2
 88 15.7 0.0 30.8

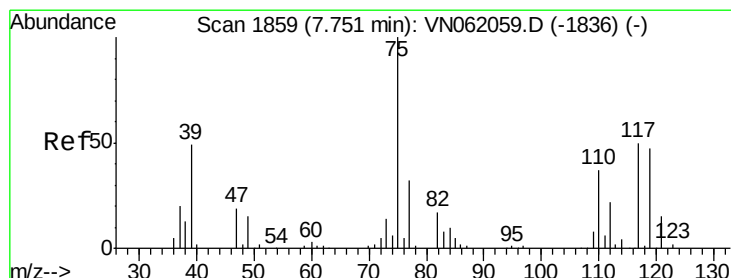
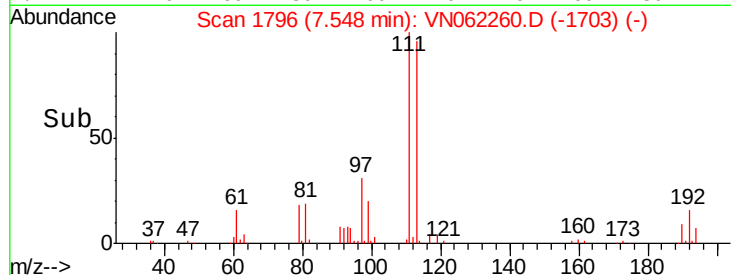
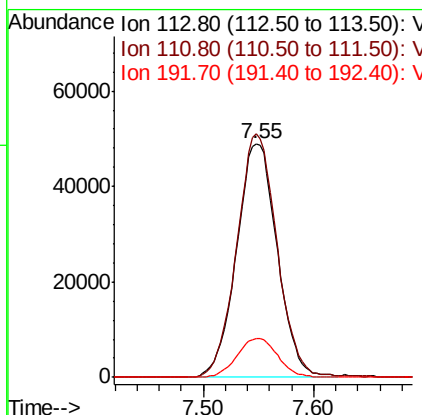
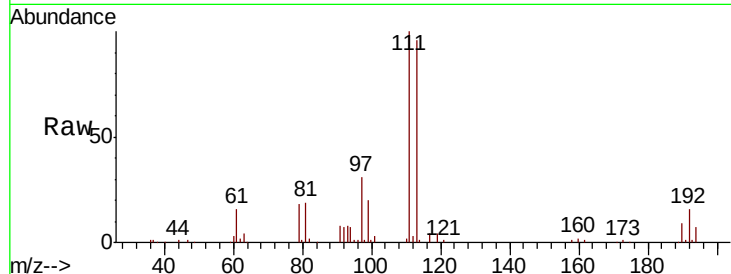




#35
 Dibromofluoromethane
 Concen: 47.835 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

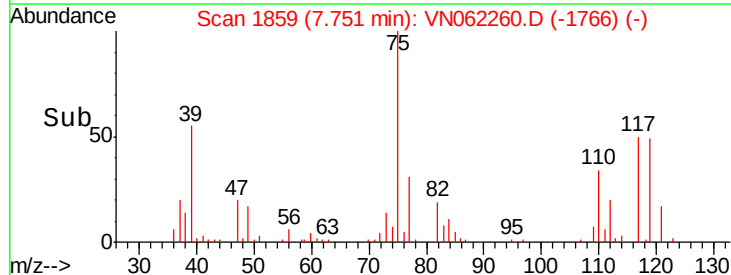
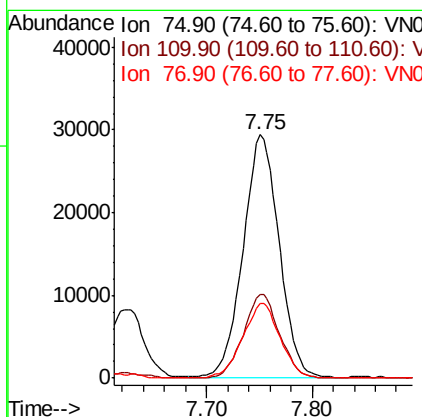
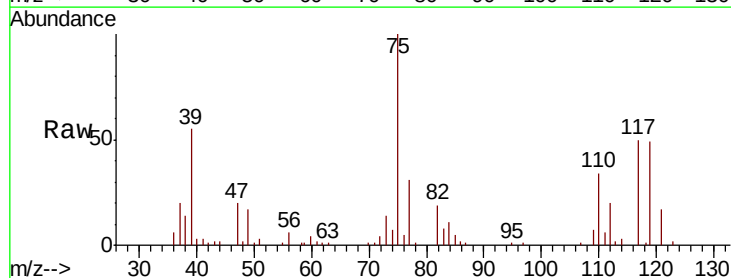
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

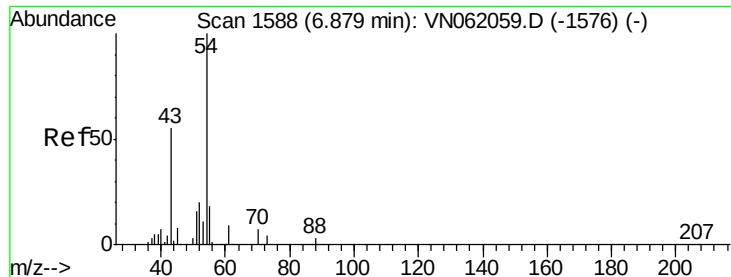
Tot Ion:113 Resp: 125481
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 16.6 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 17.117 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion: 75 Resp: 70349
 Ion Ratio Lower Upper
 75 100
 110 34.0 17.9 53.8
 77 31.5 24.9 37.3

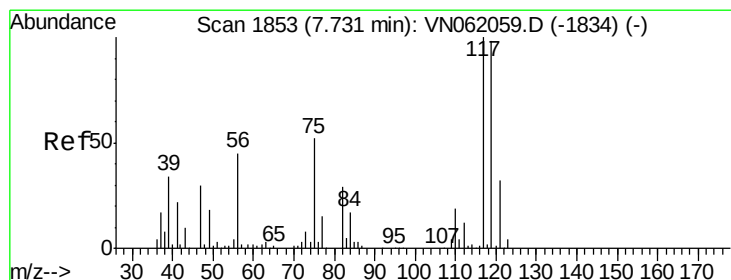
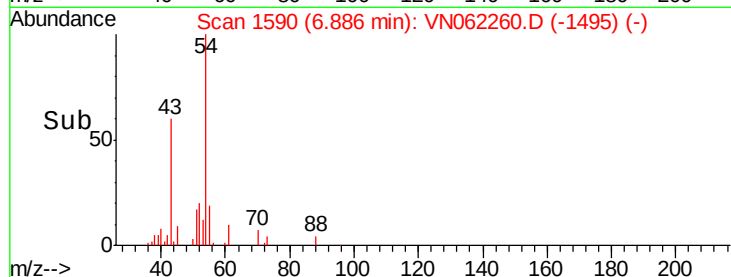
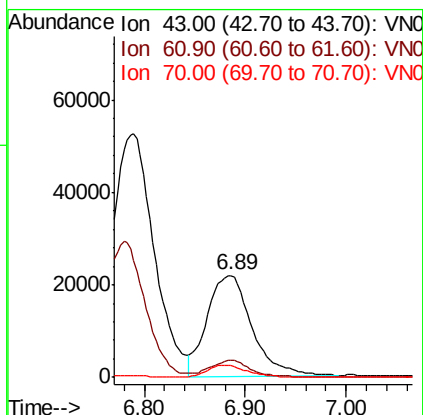
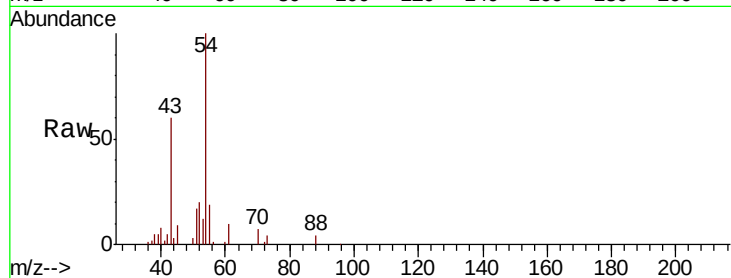




#37
Ethyl Acetate
Concen: 19.769 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.01 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

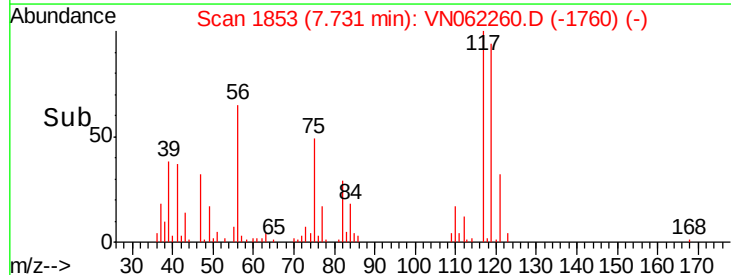
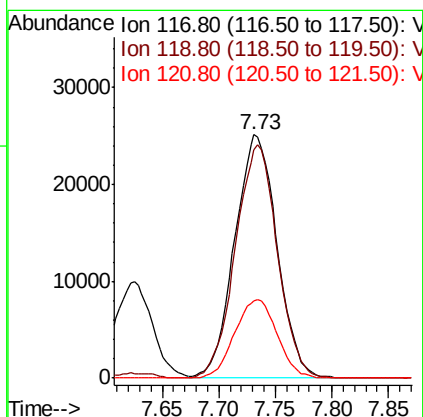
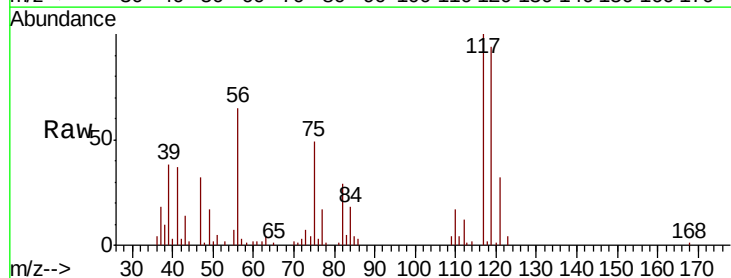
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

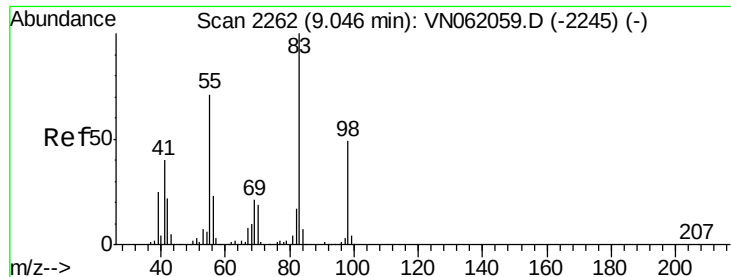
Tot Ion: 43 Resp: 67279
Ion Ratio Lower Upper
43 100
61 15.1 12.0 18.0
70 10.8 9.6 14.4



#38
Carbon Tetrachloride
Concen: 16.862 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 117 Resp: 65336
Ion Ratio Lower Upper
117 100
119 93.7 78.2 117.2
121 31.6 25.8 38.6

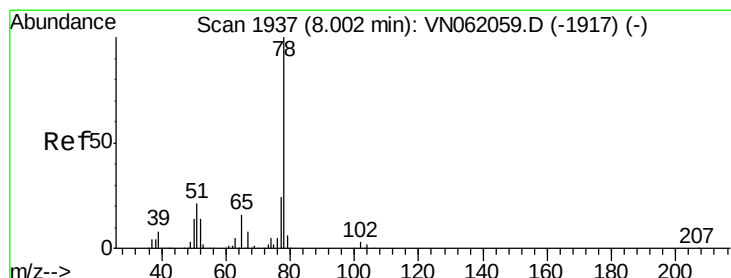
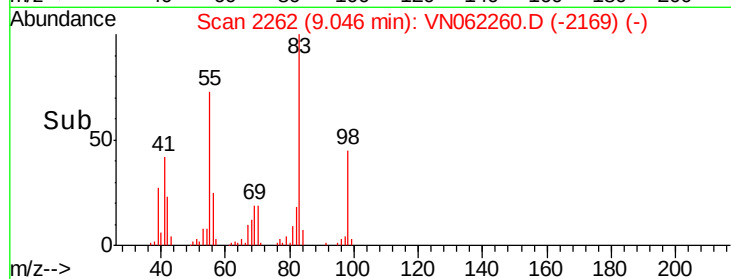
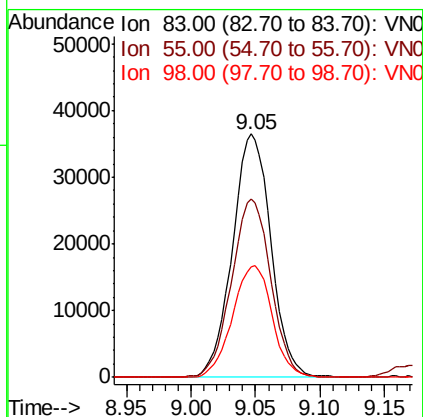
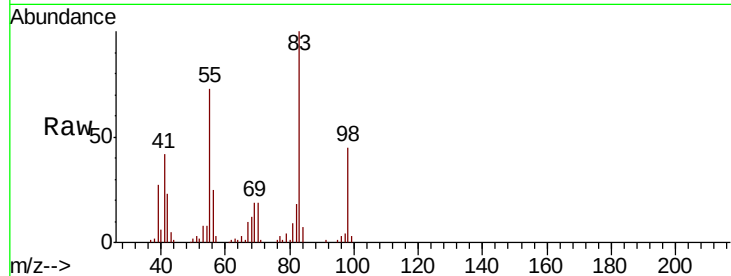




#39
Methylvlcyclohexane
Concen: 16.817 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

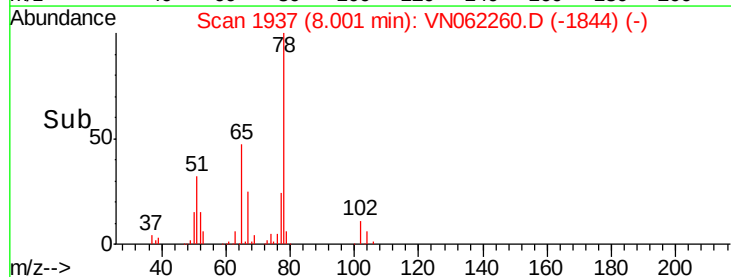
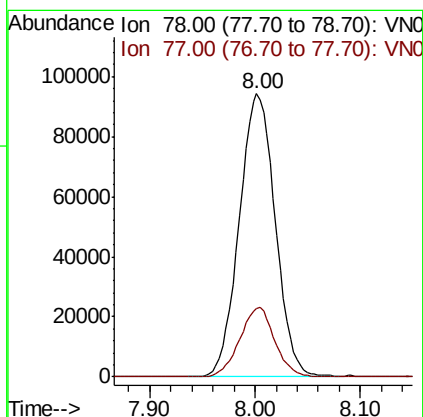
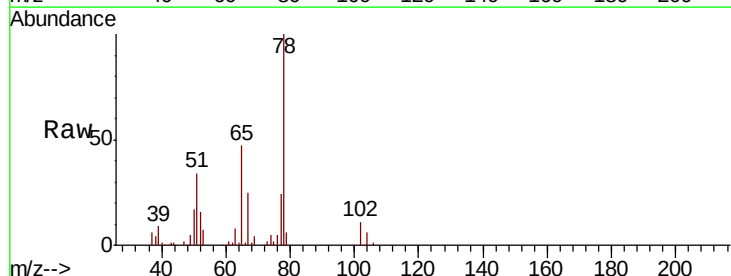
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

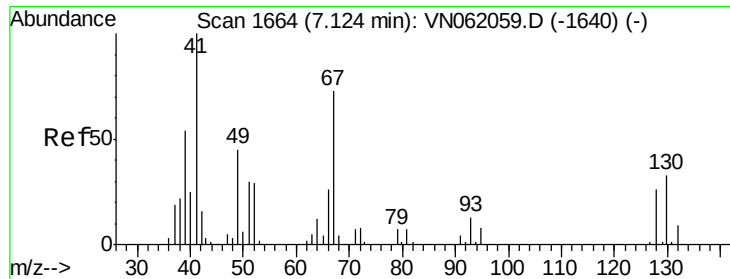
Tot Ion: 83 Resp: 75732
Ion Ratio Lower Upper
83 100
55 73.3 57.0 85.6
98 45.3 39.0 58.6



#40
Benzene
Concen: 17.878 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 78 Resp: 223961
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

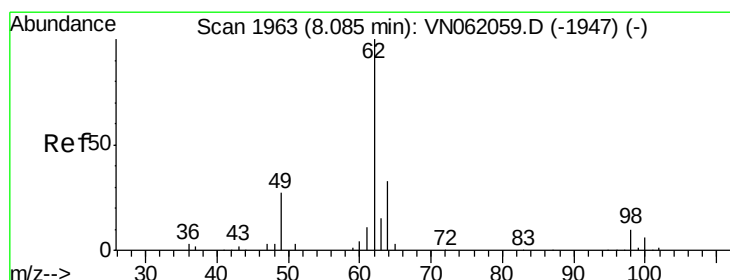
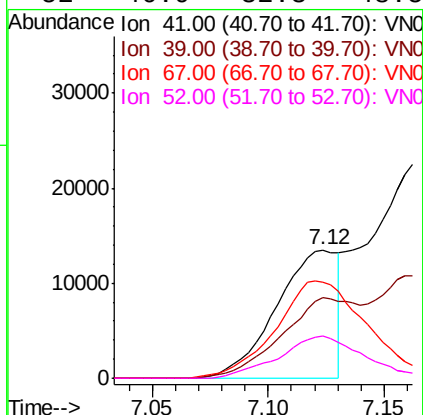
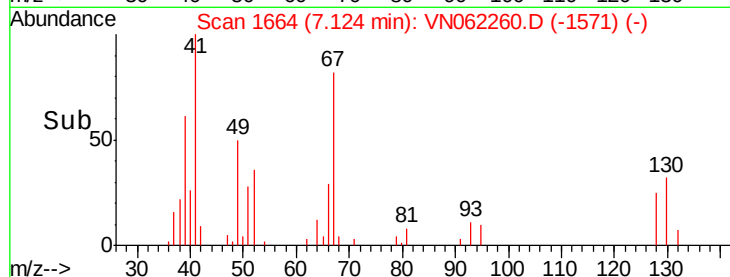
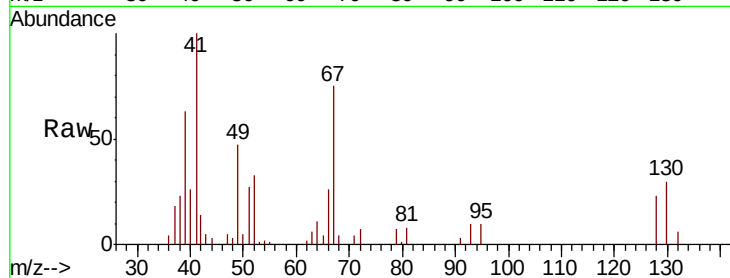




#41
Methacrylonitrile
Concen: 15.796 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

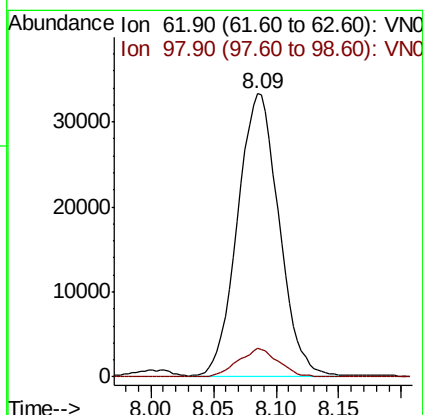
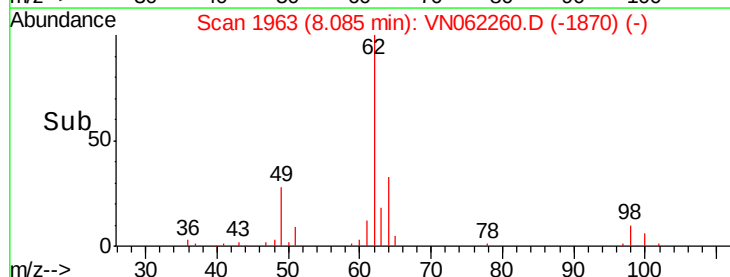
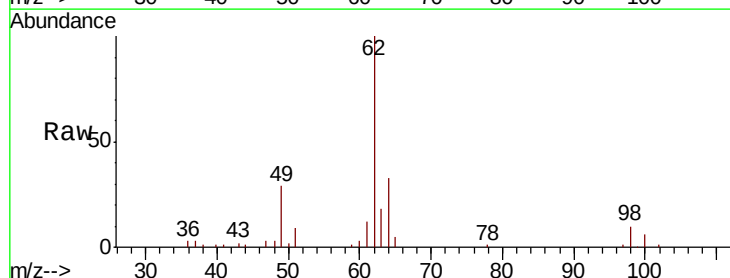
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

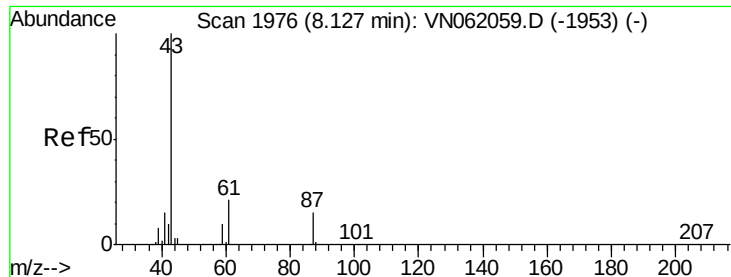
Tot Ion: 41 Resp: 24922
Ion Ratio Lower Upper
41 100
39 76.3 44.2 66.2#
67 114.1 79.5 119.3
52 46.9 32.3 48.5



#42
1,2-Dichloroethane
Concen: 18.189 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 62 Resp: 76983
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.986 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

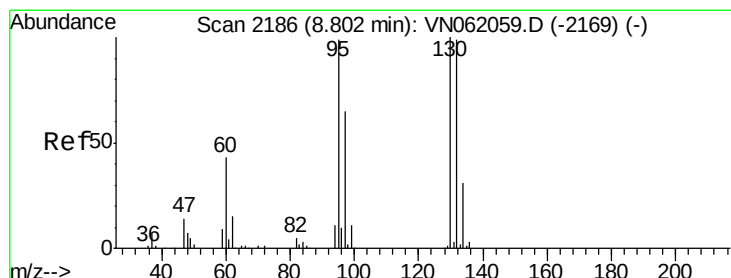
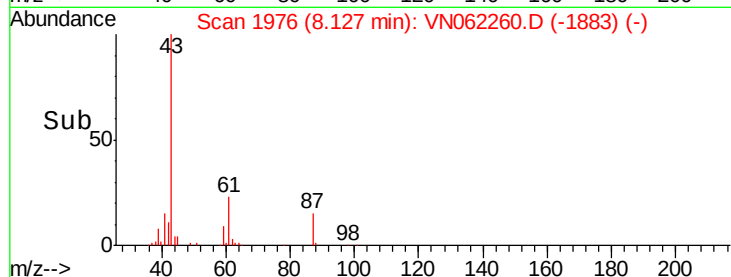
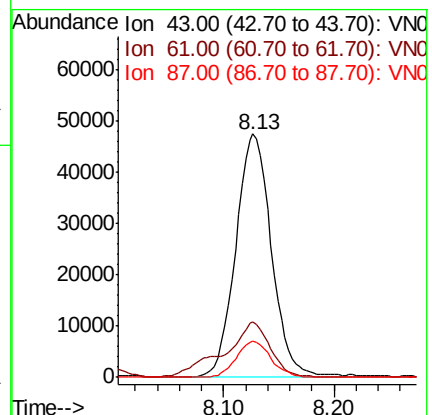
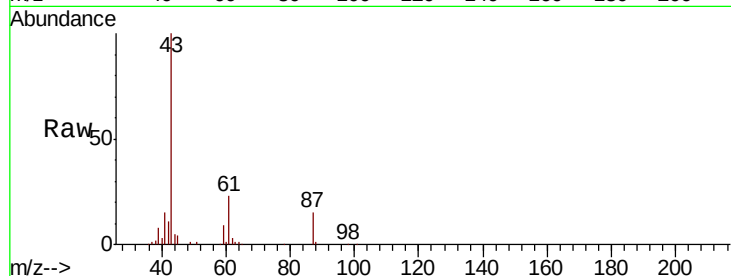
Tot Ion: 43 Resp: 105332

Ion Ratio Lower Upper

43 100

61 22.6 17.2 25.8

87 14.6 12.1 18.1



#44

Trichloroethene

Concen: 16.564 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062260.D

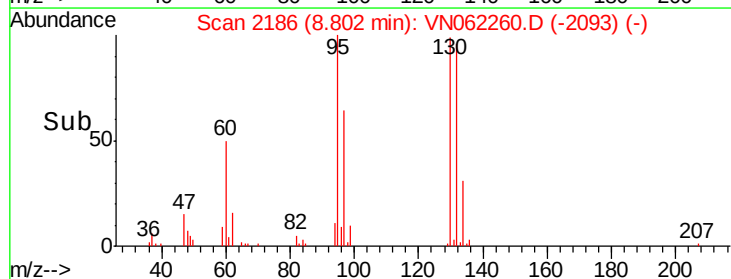
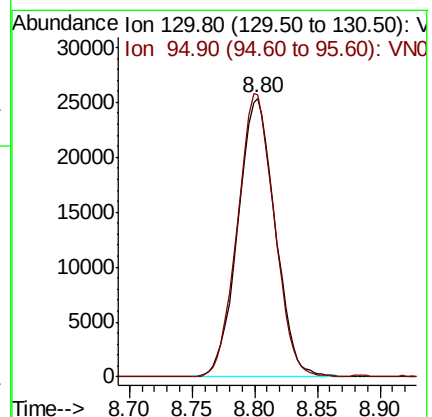
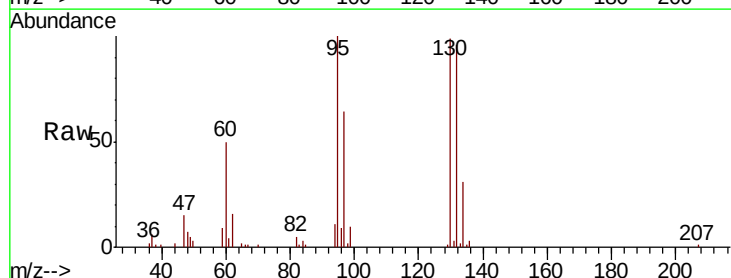
Acq: 1 Jul 2020 00:41

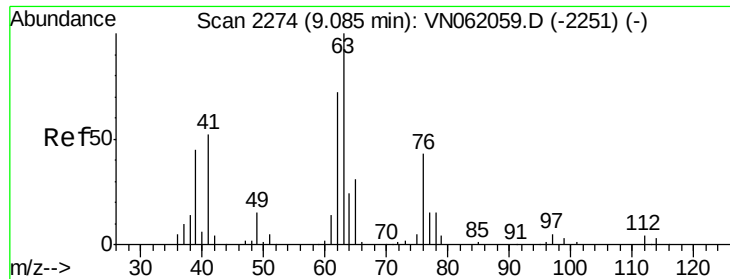
Tgt Ion: 130 Resp: 52342

Ion Ratio Lower Upper

130 100

95 101.4 0.0 197.8

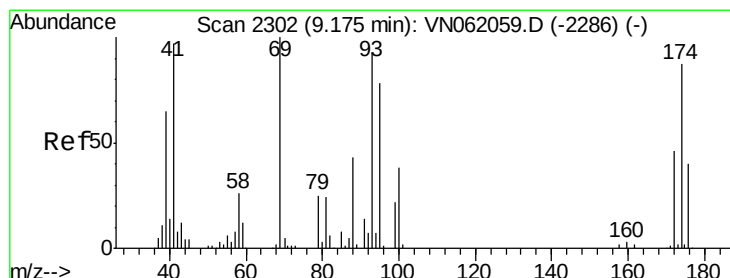
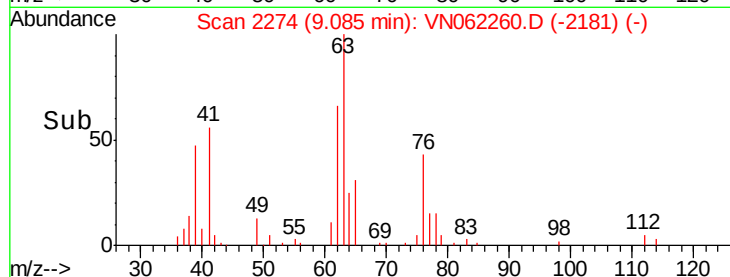
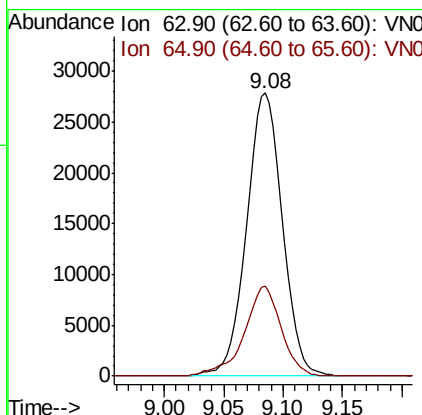
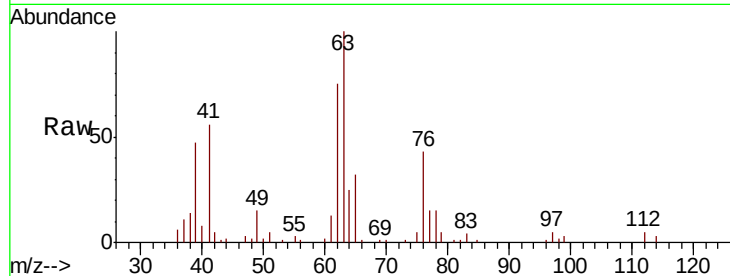




#45
 1,2-Dichloropropane
 Concen: 18.806 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

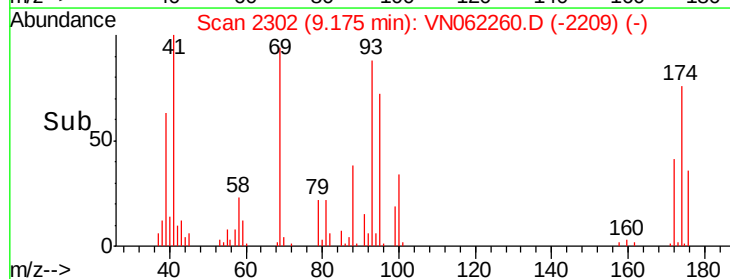
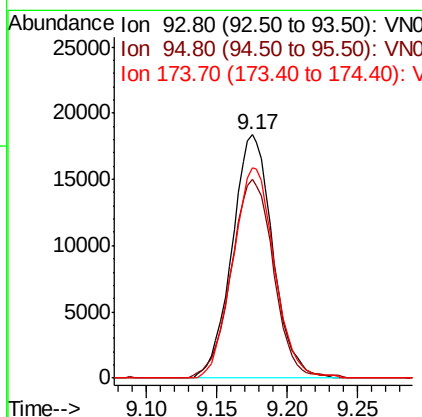
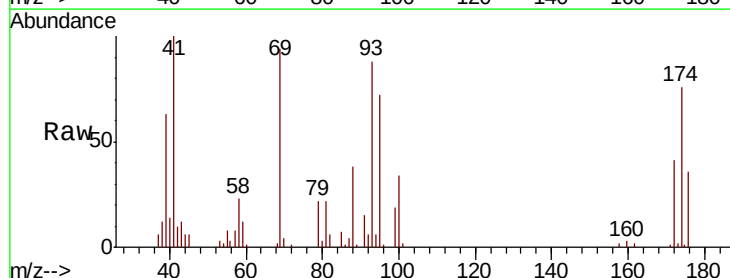
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

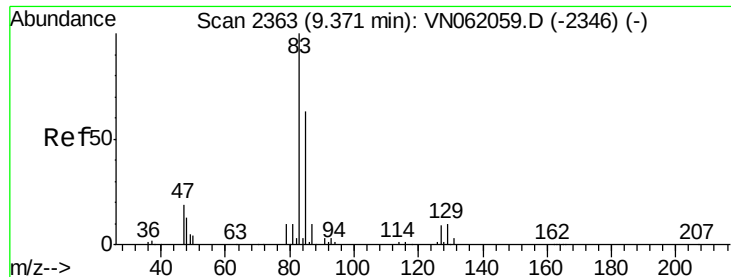
Tot Ion: 63 Resp: 58119
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.4



#46
 Dibromomethane
 Concen: 17.664 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion: 93 Resp: 37013
 Ion Ratio Lower Upper
 93 100
 95 85.1 67.0 100.6
 174 88.4 74.4 111.6





#47

Bromodichloromethane

Concen: 18.111 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

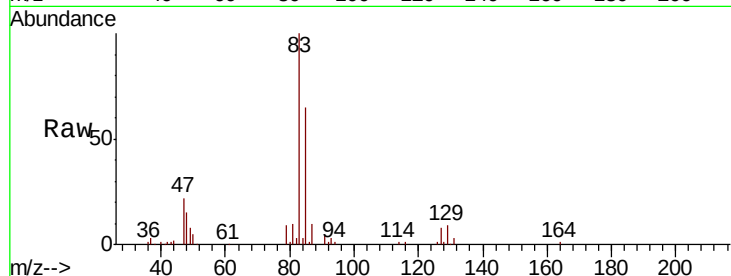
Tot Ion: 83 Resp: 76624

Ion Ratio Lower Upper

83 100

85 65.4 50.3 75.5

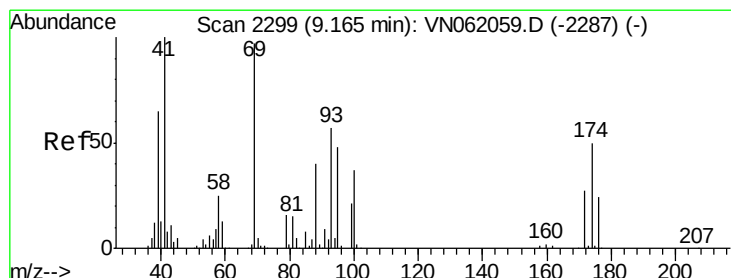
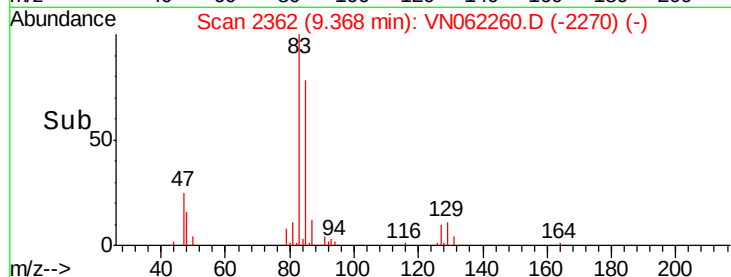
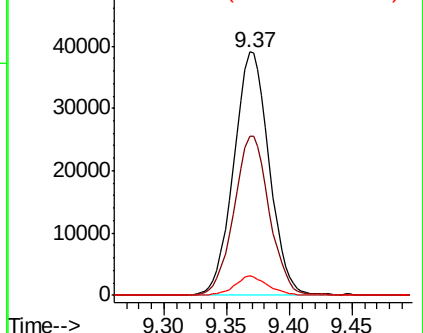
127 8.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062260.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062260.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062260.D (-2270) (-)



#48

Methyl methacrylate

Concen: 19.078 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

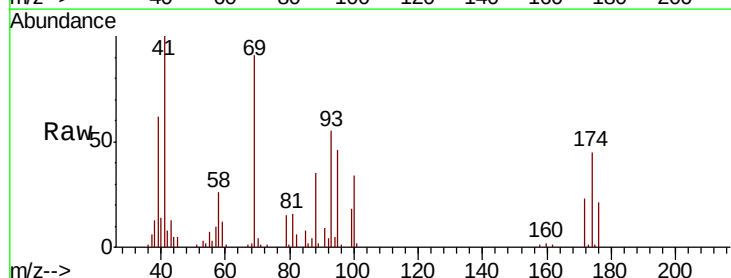
Tgt Ion: 41 Resp: 47457

Ion Ratio Lower Upper

41 100

69 97.0 80.7 121.1

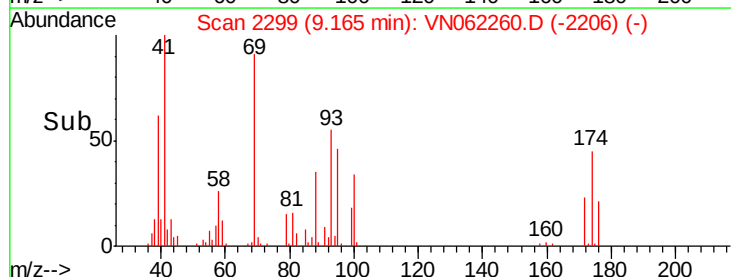
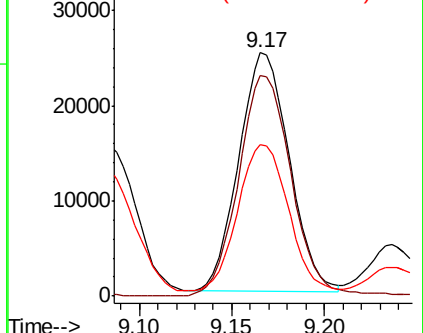
39 65.3 54.5 81.7

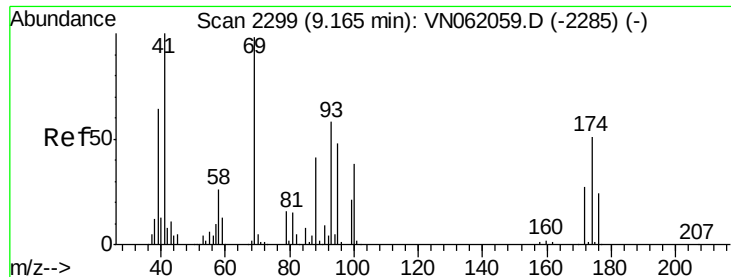


Abundance Ion 41.00 (40.70 to 41.70): VN062260.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062260.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062260.D (-2206) (-)

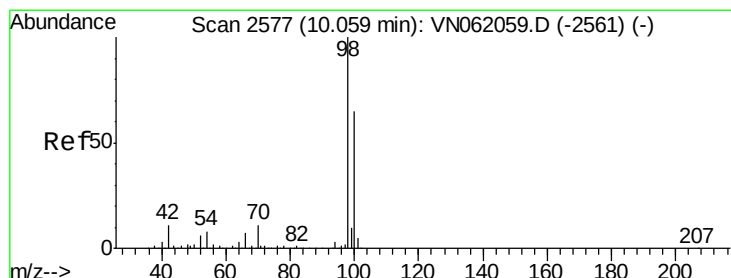
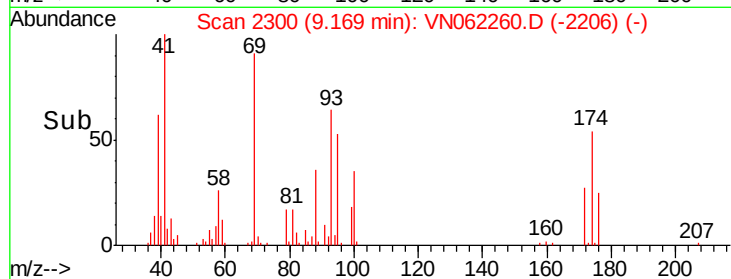
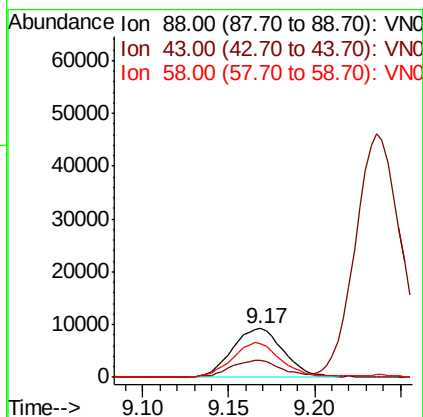
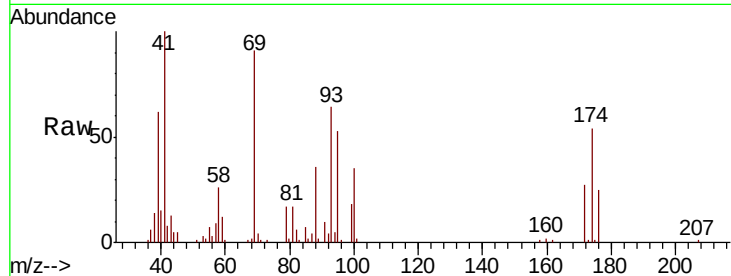




#49
 1,4-Dioxane
 Concen: 349.615 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

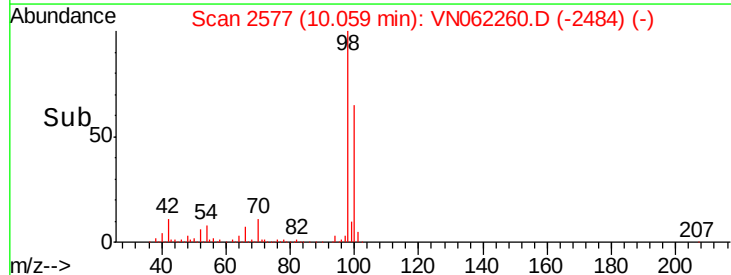
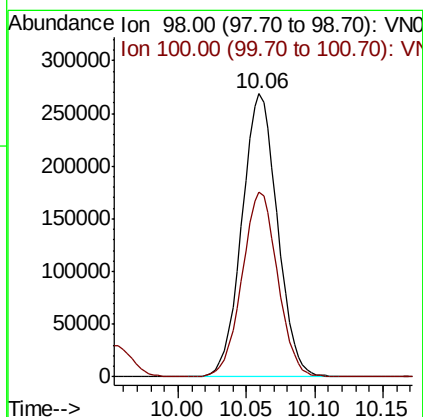
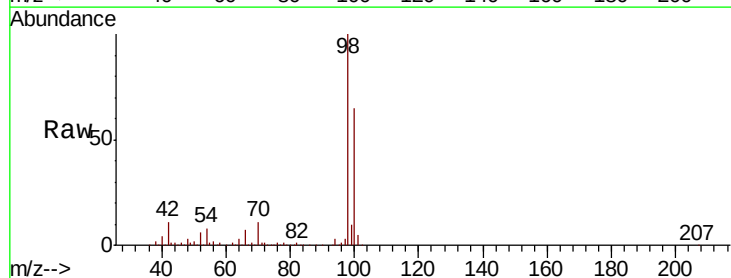
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

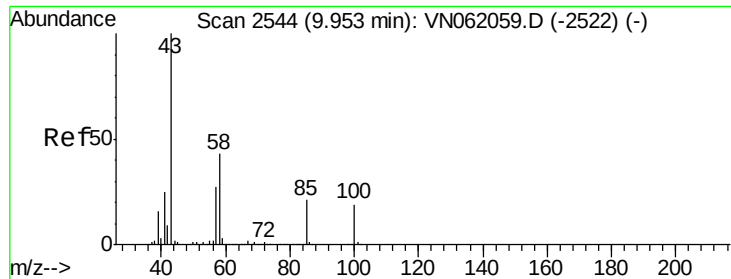
Tot Ion: 88 Resp: 19286
 Ion Ratio Lower Upper
 88 100
 43 34.9 22.0 33.0#
 58 67.2 49.2 73.8



#50
 Toluene-d8
 Concen: 46.263 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion: 98 Resp: 485107
 Ion Ratio Lower Upper
 98 100
 100 65.6 51.2 76.8

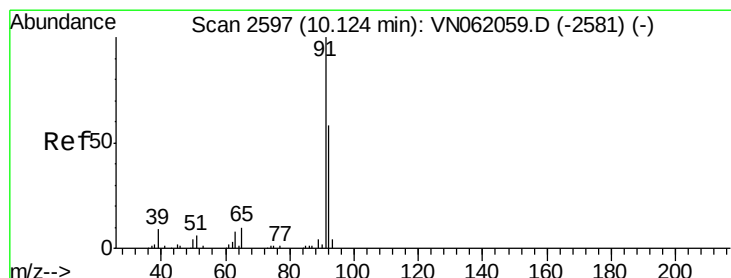
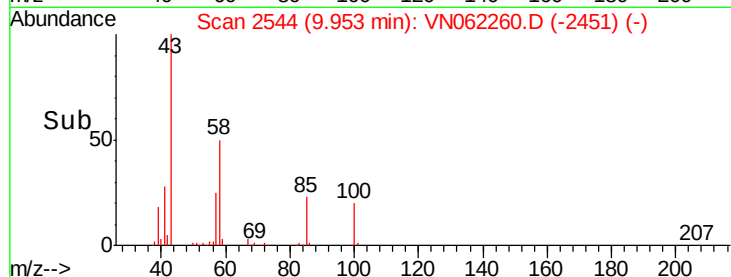
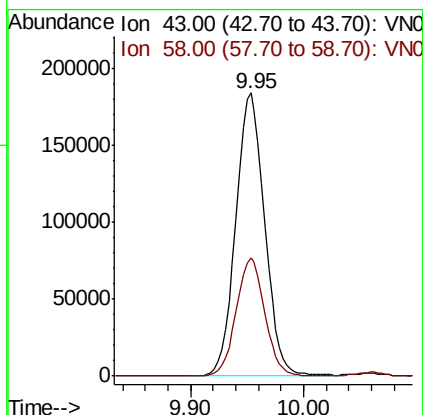
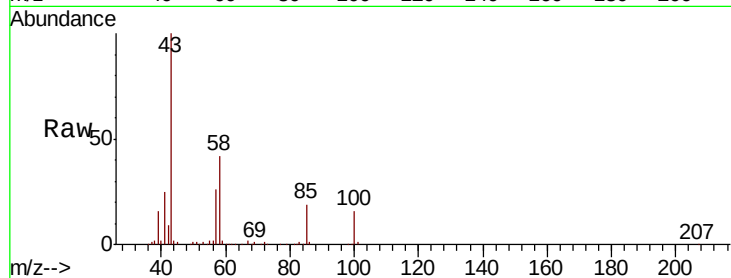




#51
 4-Methyl-2-Pentanone
 Concen: 101.544 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

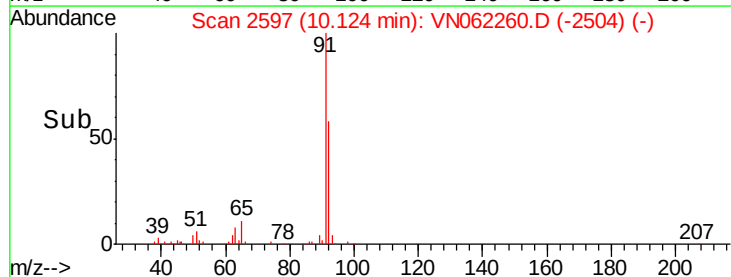
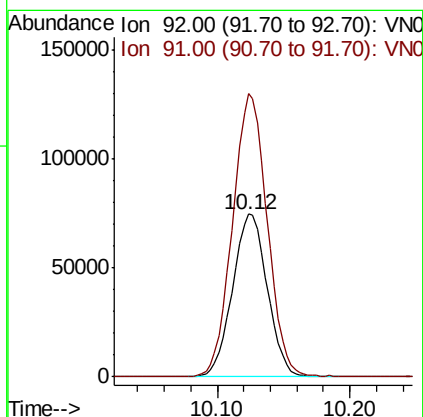
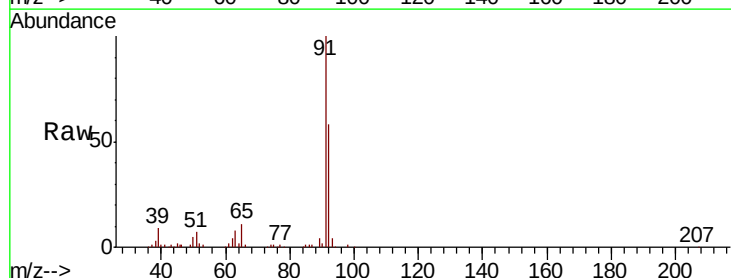
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0630WBSD02

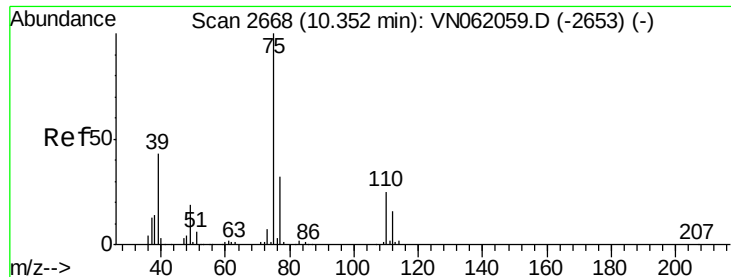
Tot Ion: 43 Resp: 329143
 Ion Ratio Lower Upper
 43 100
 58 41.2 34.2 51.2



#52
 Toluene
 Concen: 17.769 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion: 92 Resp: 135817
 Ion Ratio Lower Upper
 92 100
 91 174.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 17.189 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

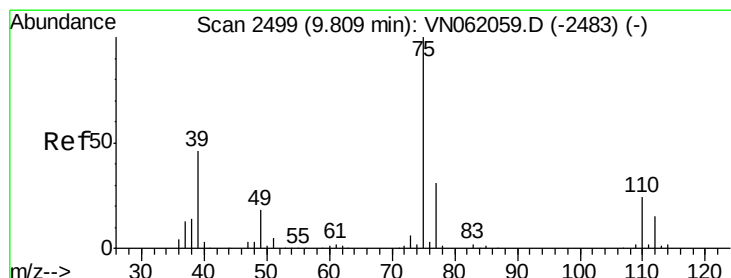
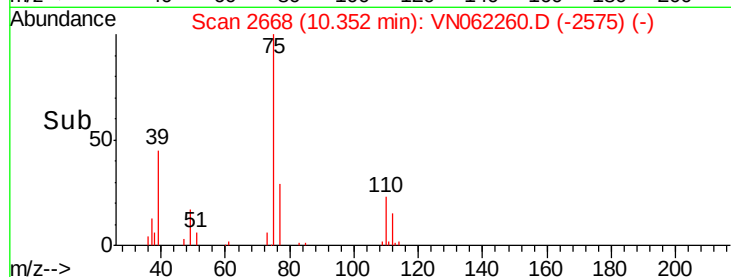
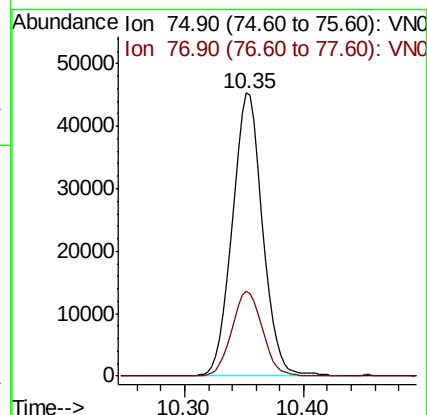
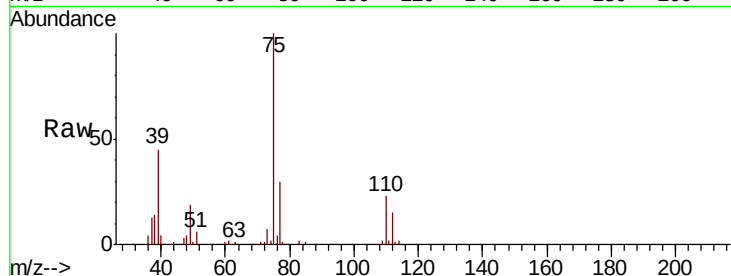
VN0630WBSD02

Tot Ion: 75 Resp: 80011

Ion Ratio Lower Upper

75 100

77 30.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 17.786 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

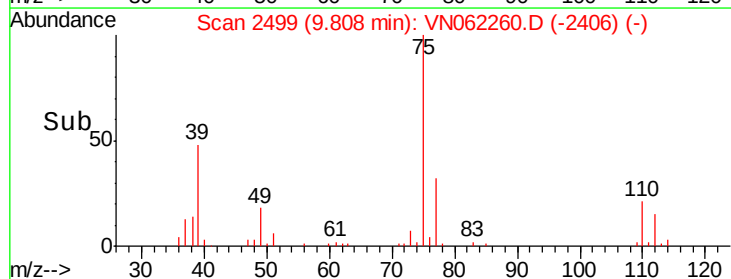
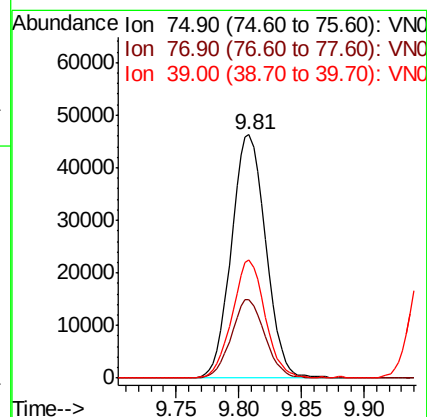
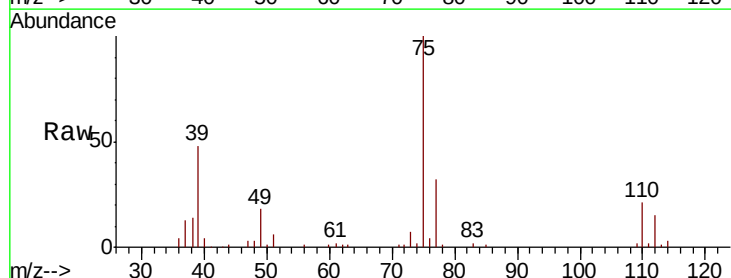
Tgt Ion: 75 Resp: 88141

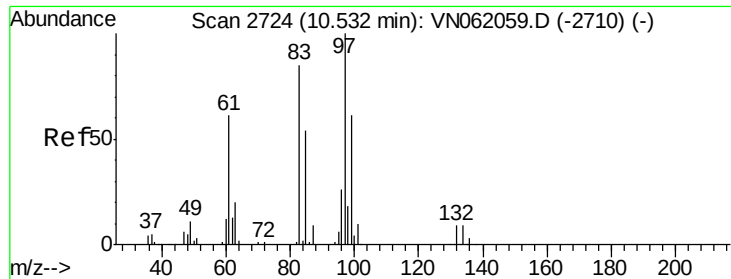
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6

39 48.3 36.9 55.3

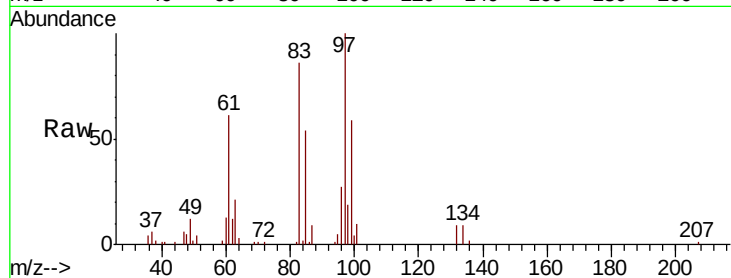




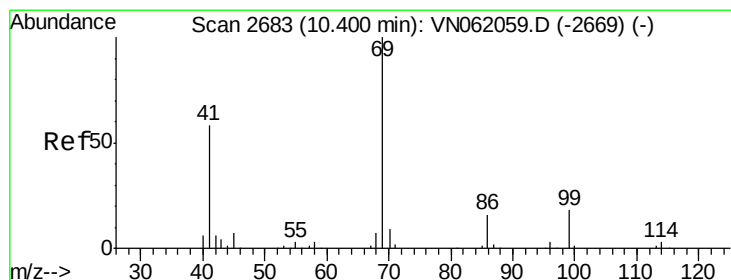
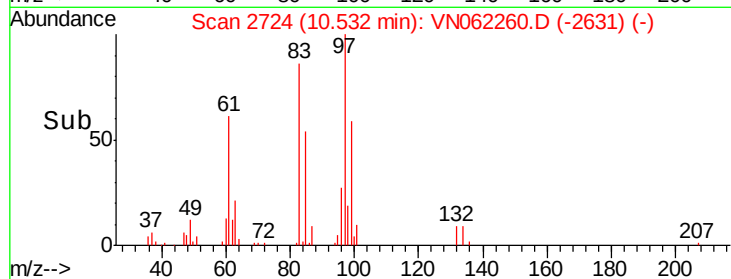
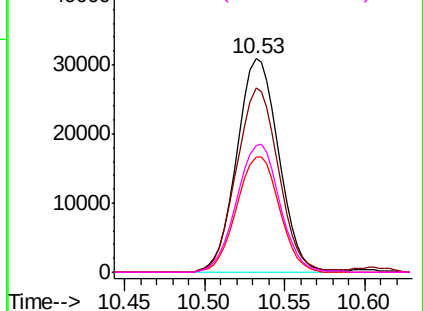
#55
 1,1,2-Trichloroethane
 Concen: 18.372 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

Tot Ion: 97 Resp: 55199
 Ion Ratio Lower Upper
 97 100
 83 86.3 68.2 102.2
 85 53.7 43.2 64.8
 99 59.5 48.5 72.7

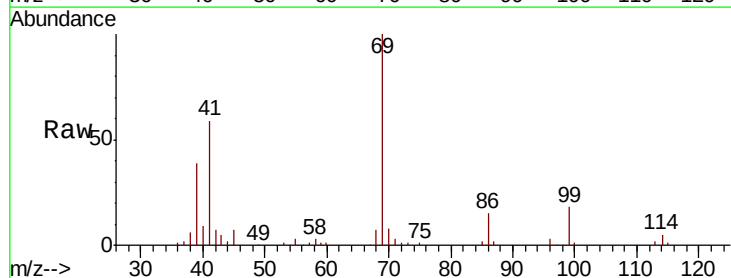


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

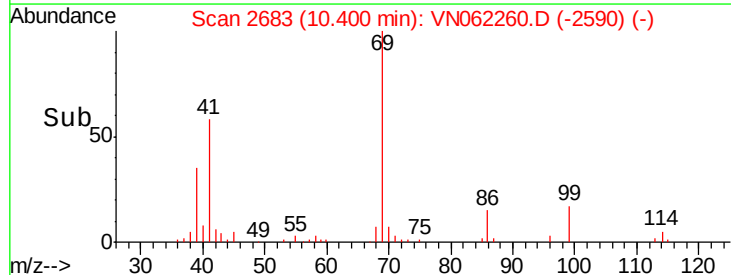
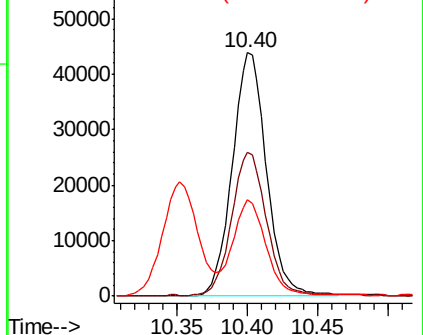


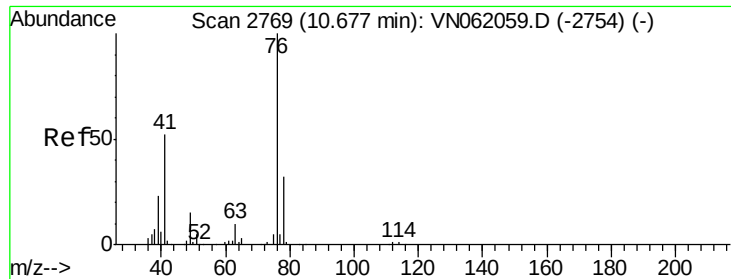
#56
 Ethyl methacrylate
 Concen: 18.588 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion: 69 Resp: 74531
 Ion Ratio Lower Upper
 69 100
 41 60.2 46.6 70.0
 39 38.8 31.0 46.4



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

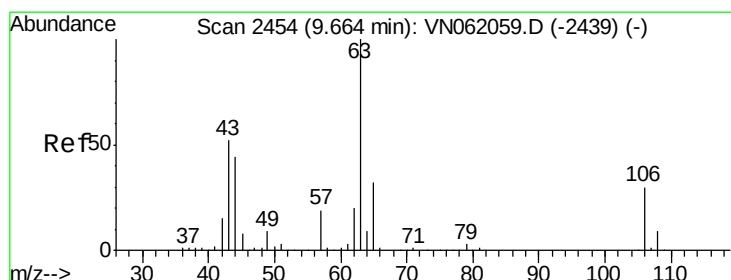
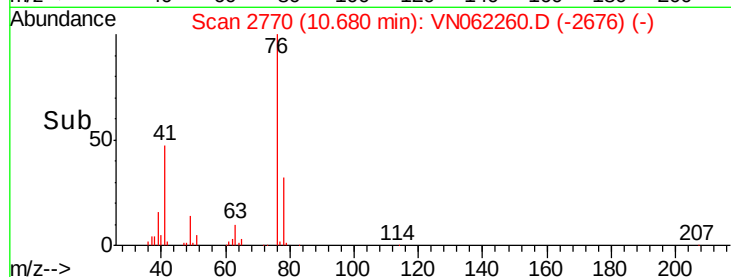
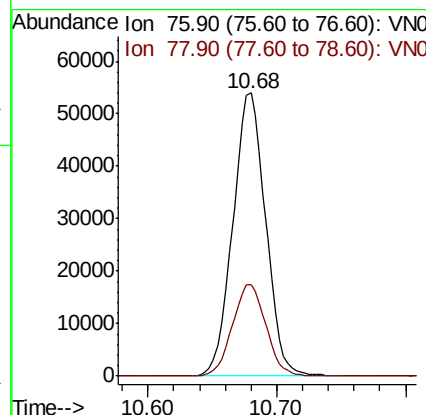
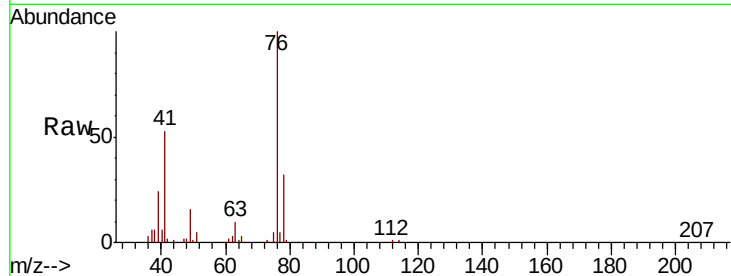




#57
 1,3-Dichloropropane
 Concen: 18.414 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

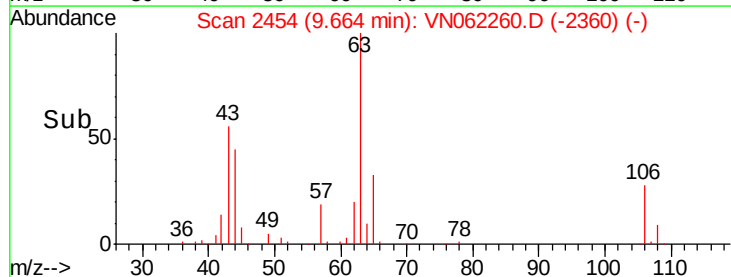
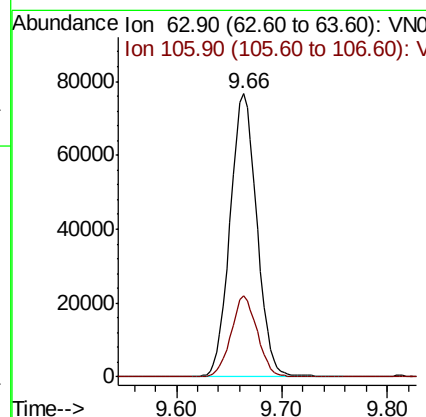
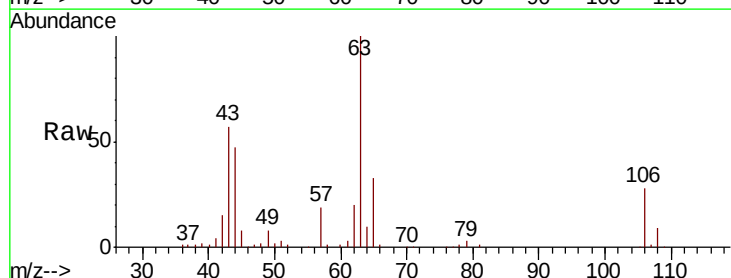
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

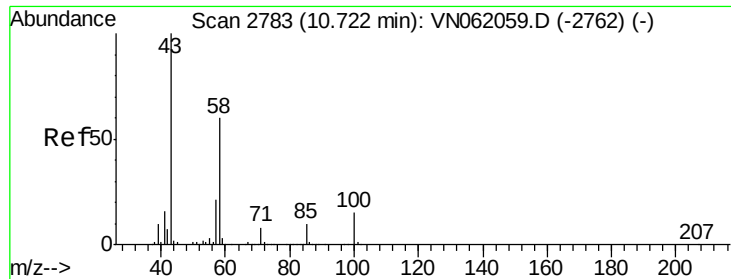
Tot Ion: 76 Resp: 95229
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.940 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion: 63 Resp: 134728
 Ion Ratio Lower Upper
 63 100
 106 28.0 23.2 34.8

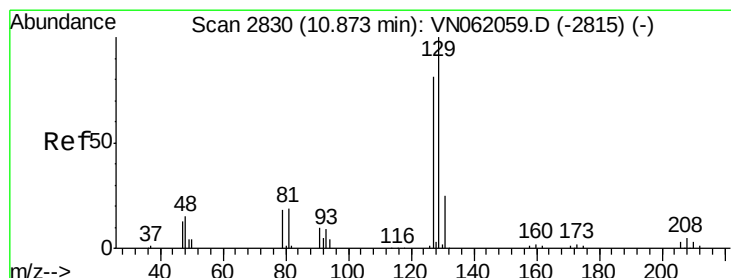
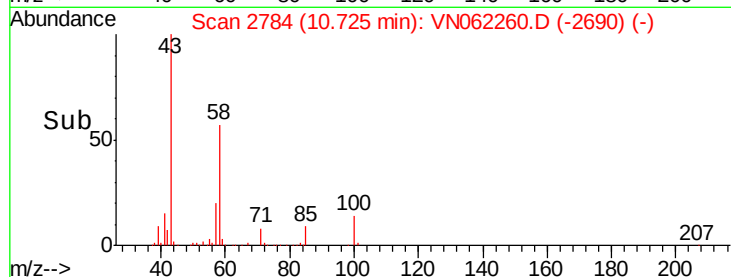
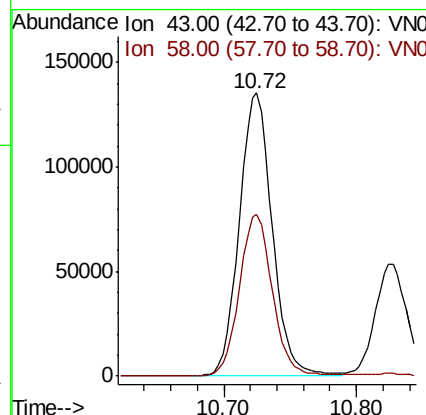
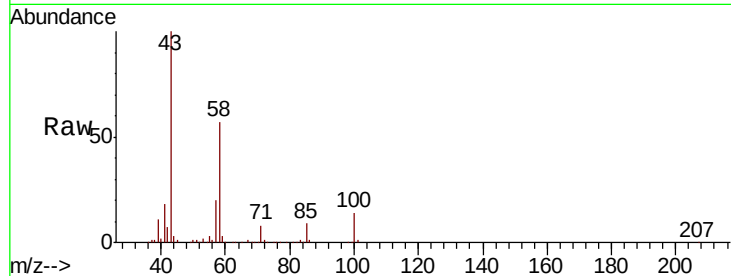




#59
2-Hexanone
Concen: 100.088 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

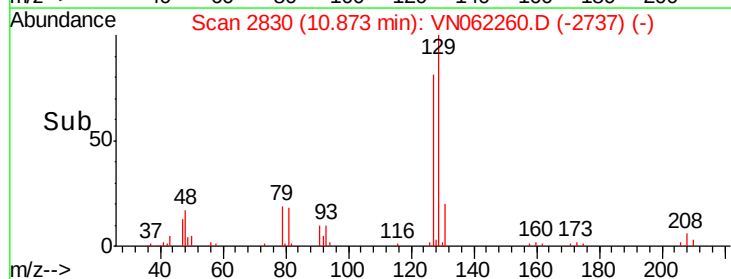
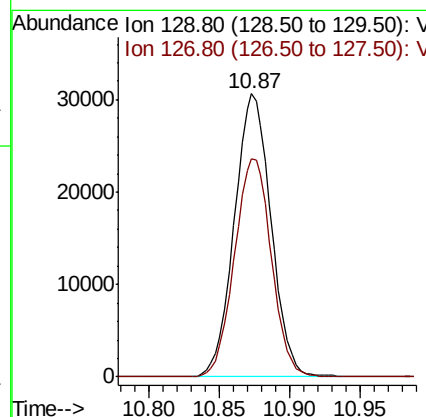
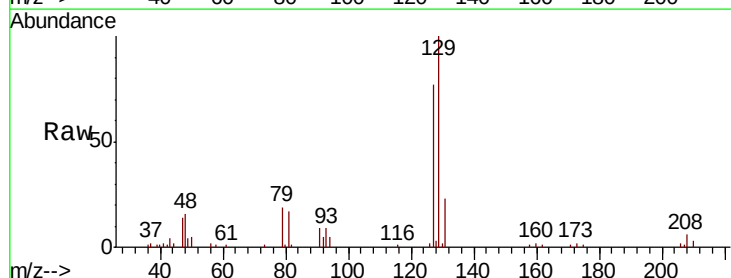
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

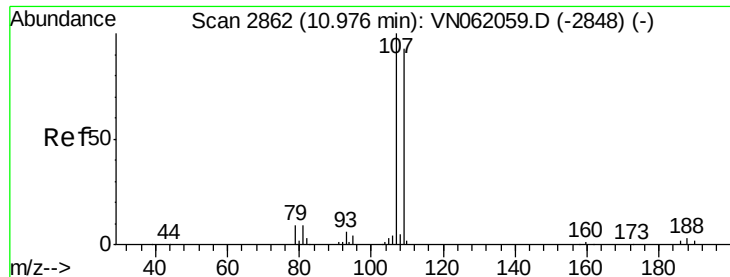
Tot Ion: 43 Resp: 234265
Ion Ratio Lower Upper
43 100
58 57.3 29.5 88.5



#60
Dibromochloromethane
Concen: 17.518 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 129 Resp: 55723
Ion Ratio Lower Upper
129 100
127 77.6 39.5 118.5

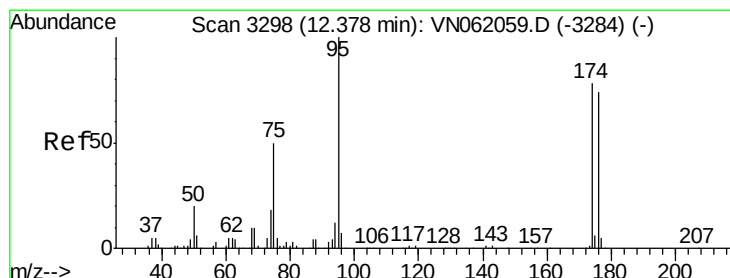
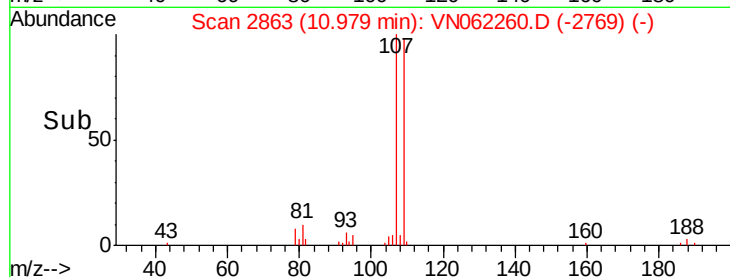
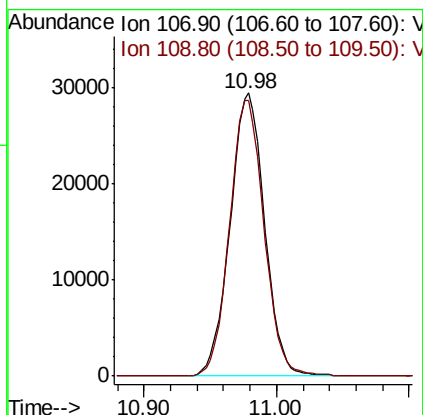
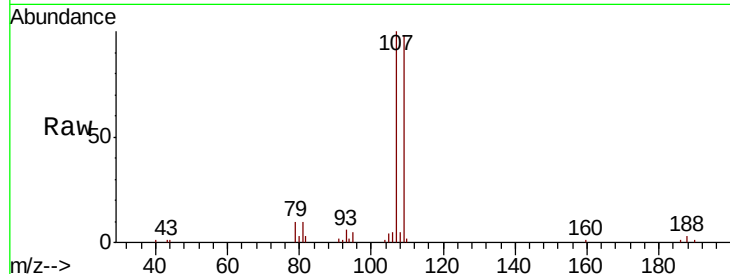




#61
 1,2-Dibromoethane
 Concen: 17.258 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

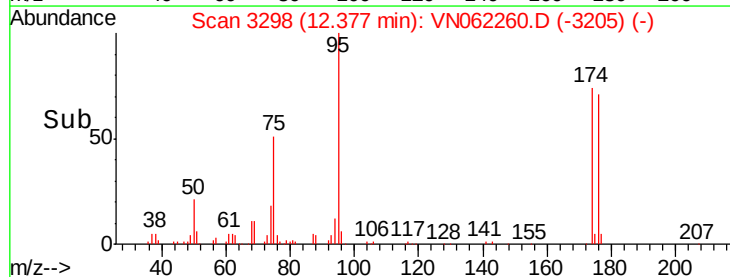
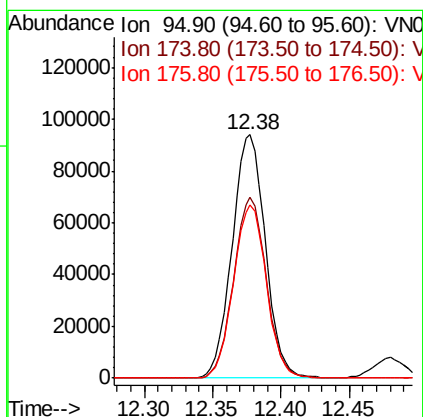
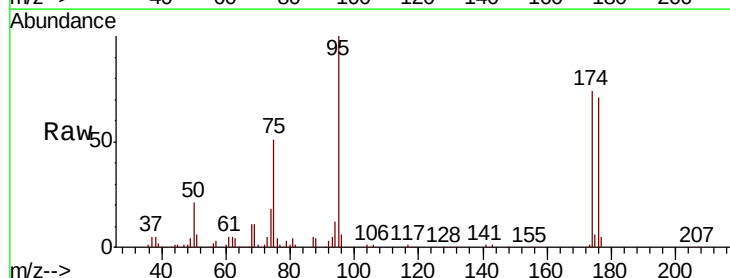
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

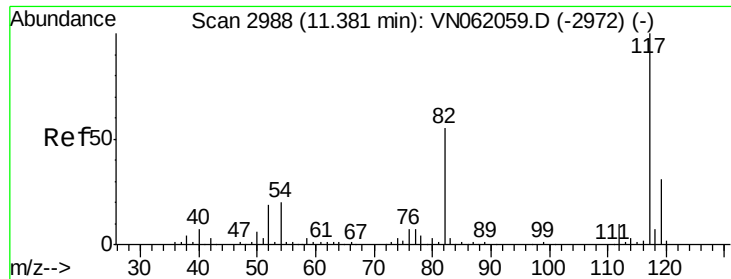
Tot Ion:107 Resp: 53278
 Ion Ratio Lower Upper
 107 100
 109 97.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 44.890 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion: 95 Resp: 159034
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 154.8
 176 70.6 0.0 147.4

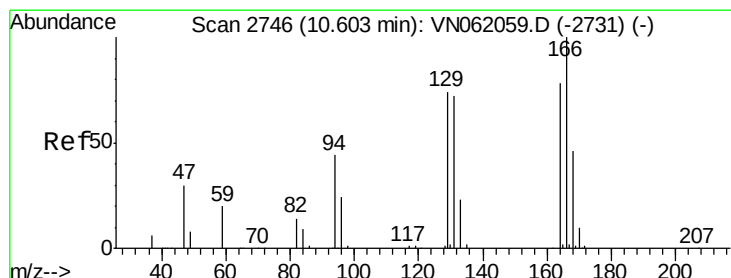
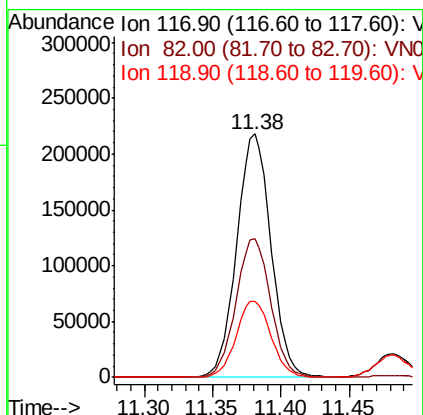
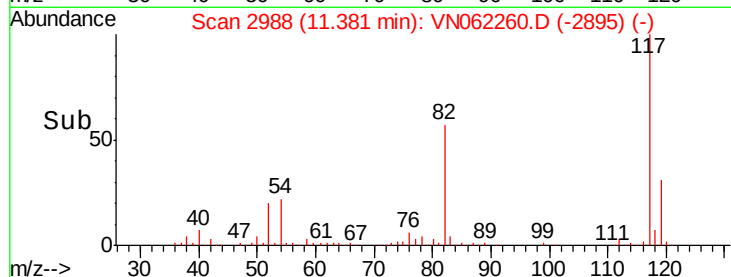
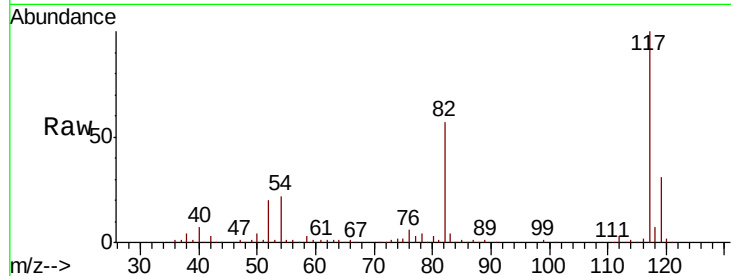




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

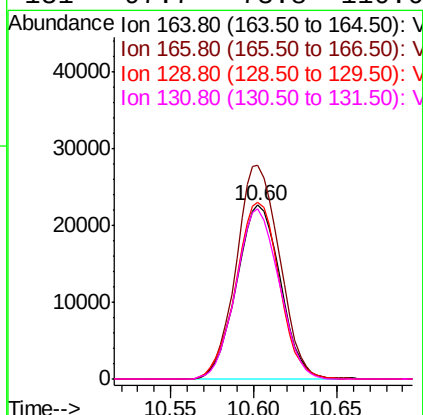
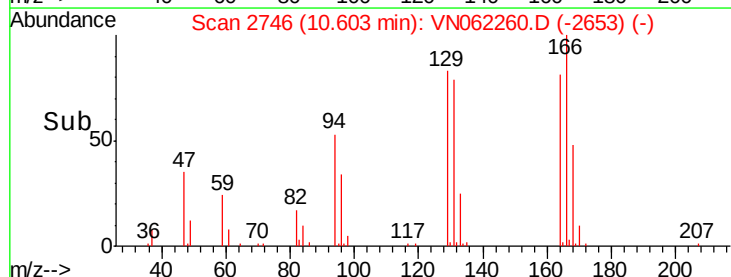
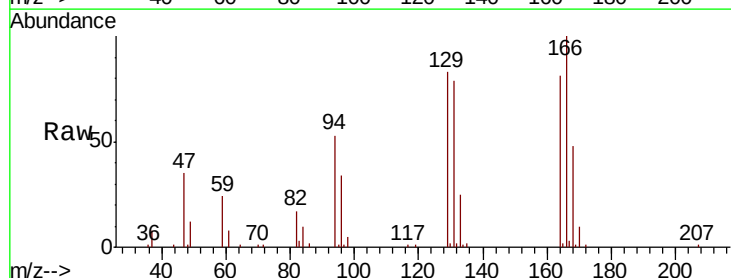
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

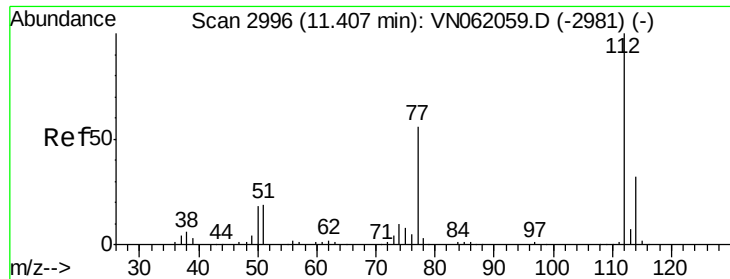
Tot Ion:117 Resp: 380082
Ion Ratio Lower Upper
117 100
82 57.1 43.8 65.8
119 31.4 25.2 37.8



#64
Tetrachloroethene
Concen: 15.984 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion:164 Resp: 41499
Ion Ratio Lower Upper
164 100
166 123.0 102.9 154.3
129 102.1 75.8 113.8
131 97.7 73.8 110.6

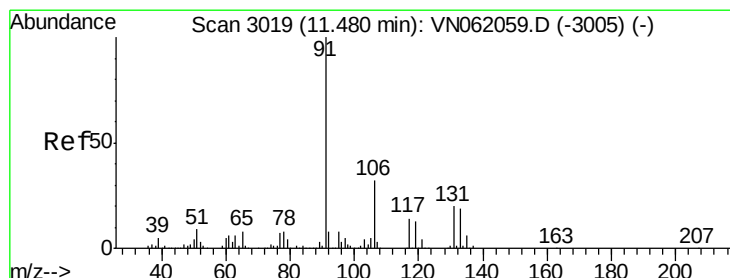
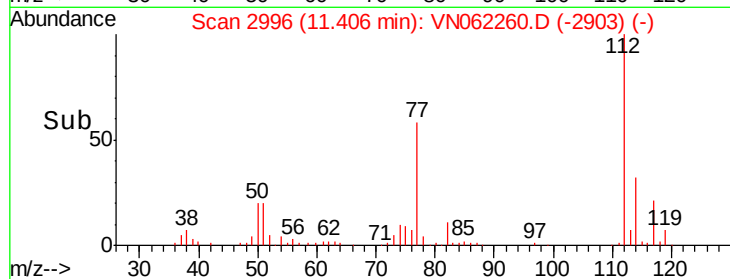
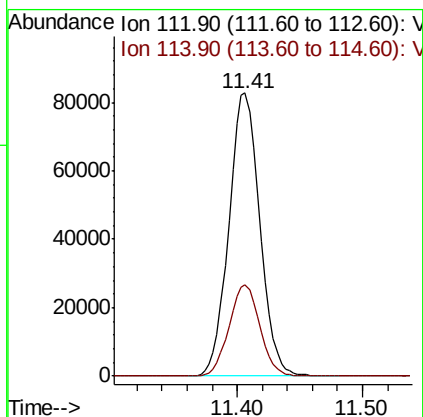
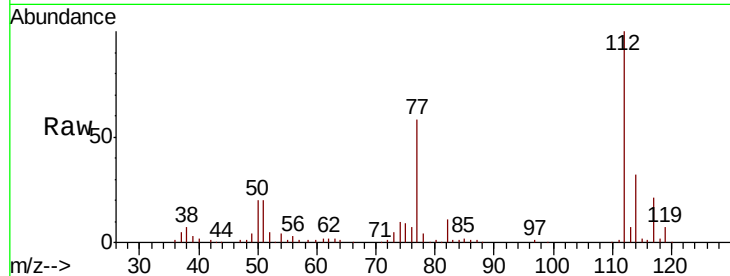




#65
Chlorobenzene
Concen: 16.949 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

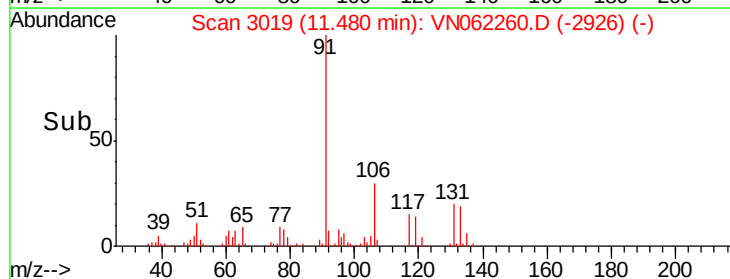
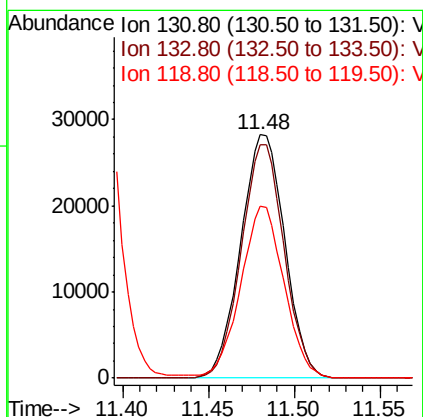
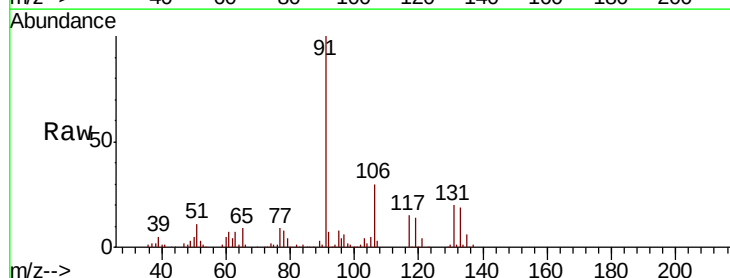
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

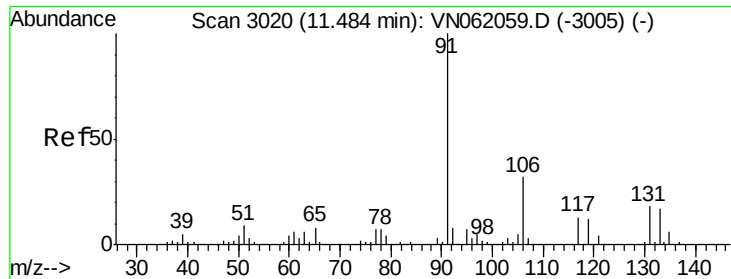
Tot Ion:112 Resp: 141467
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.425 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion:131 Resp: 50293
Ion Ratio Lower Upper
131 100
133 93.0 47.6 142.9
119 69.5 34.4 103.3

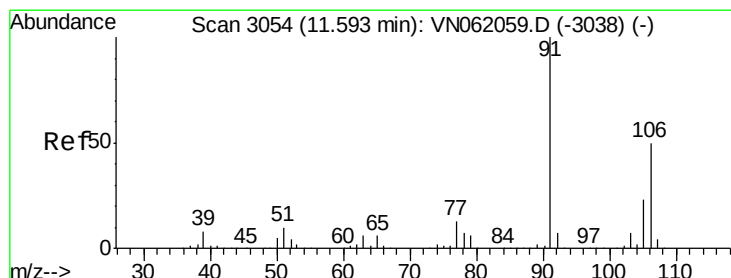
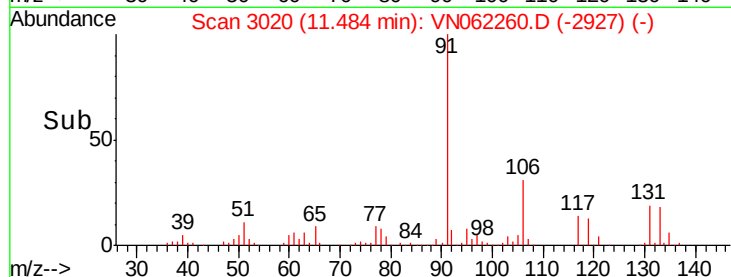
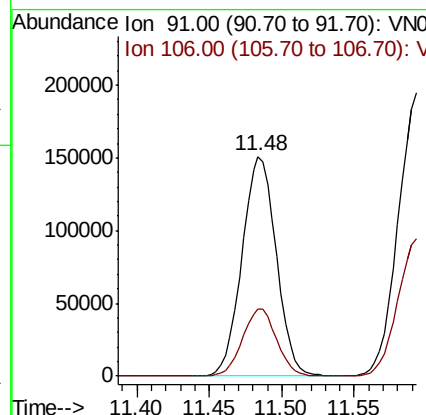
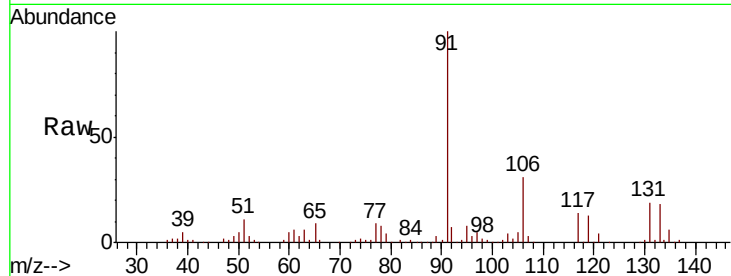




#67
Ethyl Benzene
Concen: 17.621 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

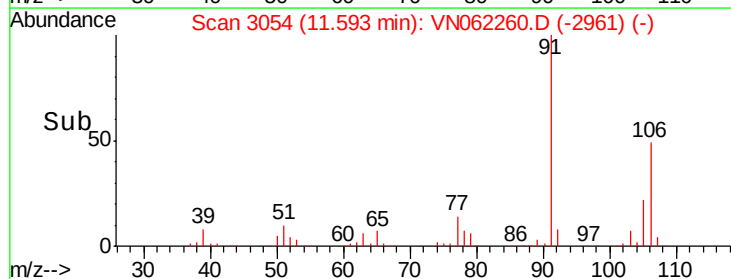
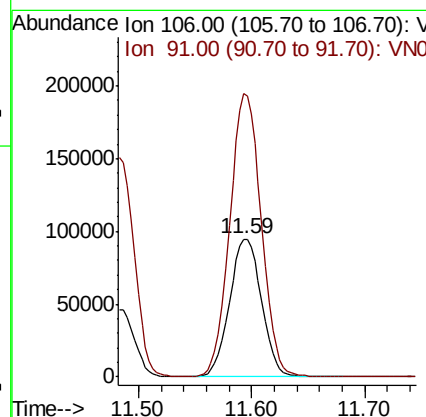
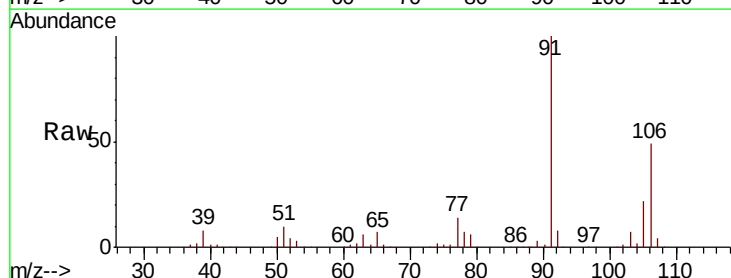
Instrument :
MSVOA_N
ClientSampled :
VN0630WBSD02

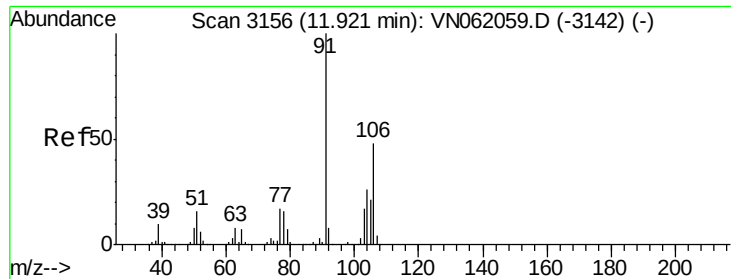
Tot Ion: 91 Resp: 248391
Ion Ratio Lower Upper
91 100
106 30.7 25.3 37.9



#68
m/p-Xylenes
Concen: 34.246 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion: 106 Resp: 186718
Ion Ratio Lower Upper
106 100
91 201.4 157.8 236.8

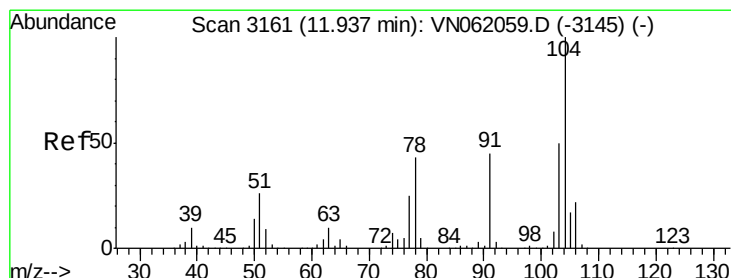
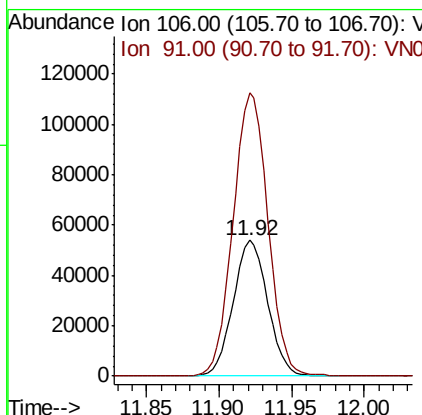
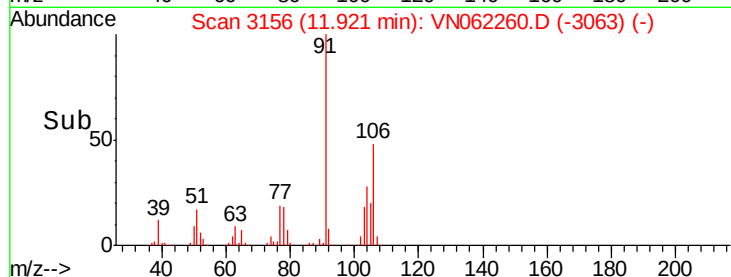
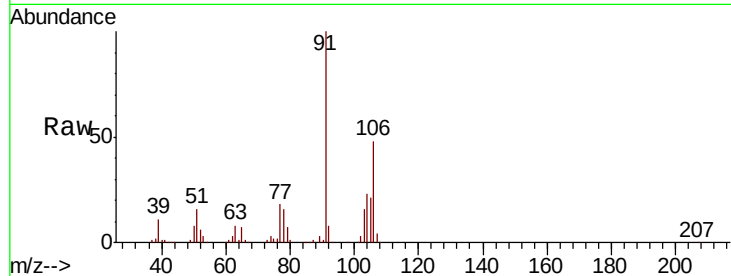




#69
o-Xylene
Concen: 17.284 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

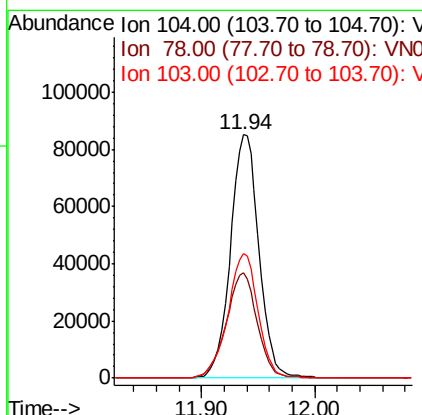
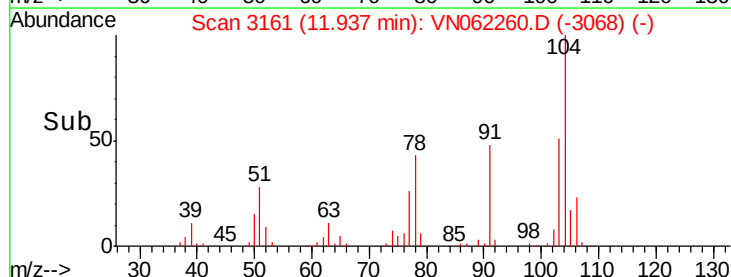
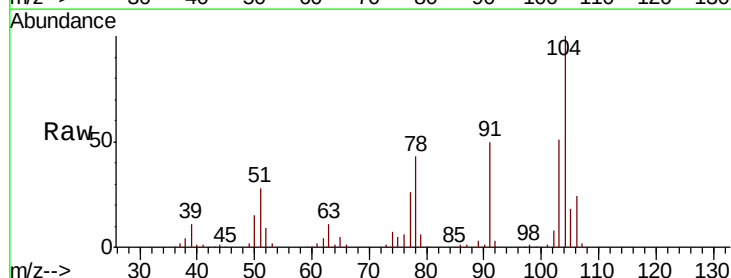
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBSD02

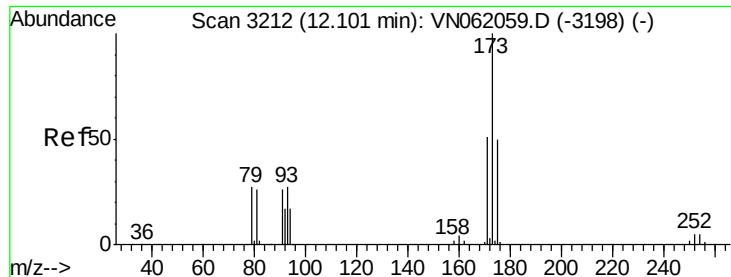
Tot Ion:106 Resp: 88912
Ion Ratio Lower Upper
106 100
91 211.6 104.0 311.9



#70
Styrene
Concen: 17.406 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062260.D
Acq: 1 Jul 2020 00:41

Tgt Ion:104 Resp: 149336
Ion Ratio Lower Upper
104 100
78 47.0 37.7 56.5
103 54.2 43.0 64.6





#71

Bromoform

Concen: 15.831 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

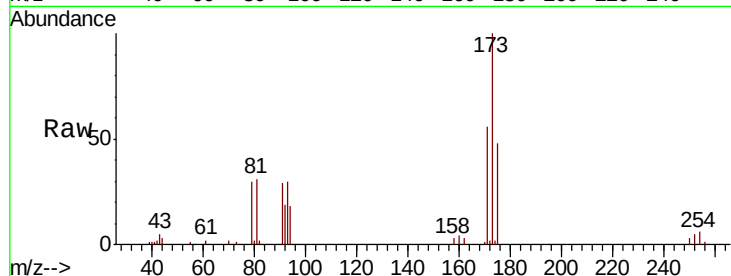
Tot Ion:173 Resp: 32486

Ion Ratio Lower Upper

173 100

175 48.9 24.7 74.1

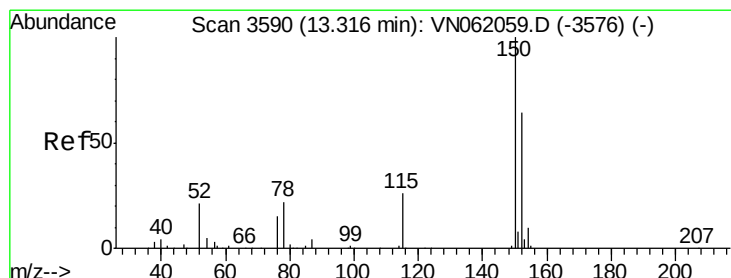
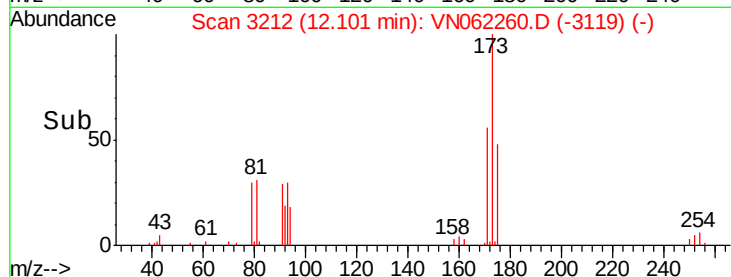
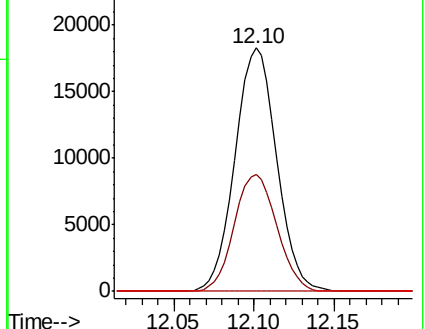
254 0.0 0.0 0.0



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# 3591

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

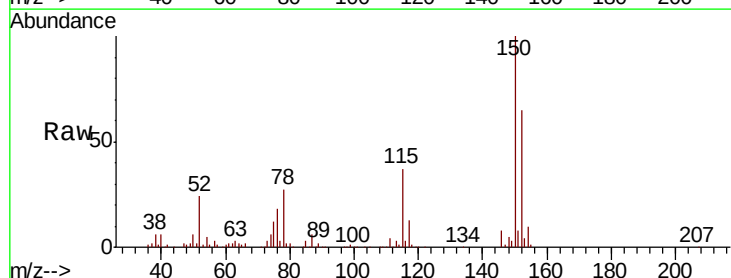
Tgt Ion:152 Resp: 163359

Ion Ratio Lower Upper

152 100

115 59.9 29.5 88.5

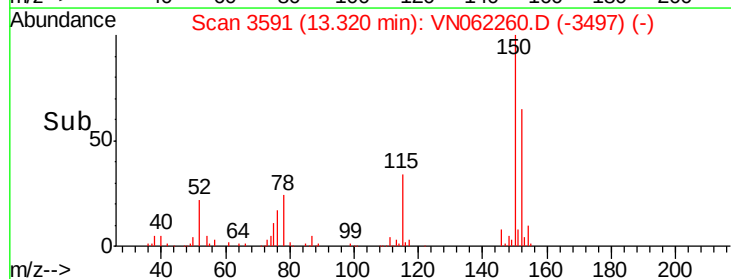
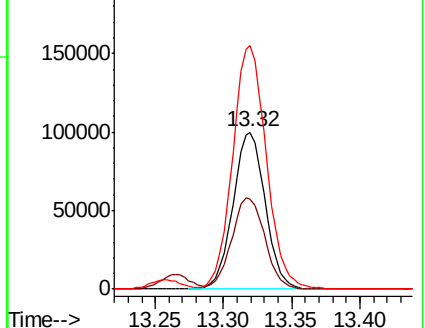
150 162.9 0.0 351.4

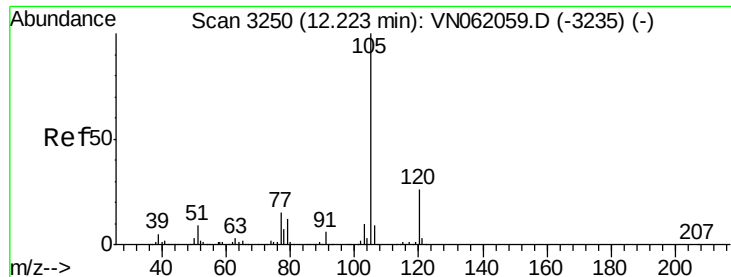


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.821 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

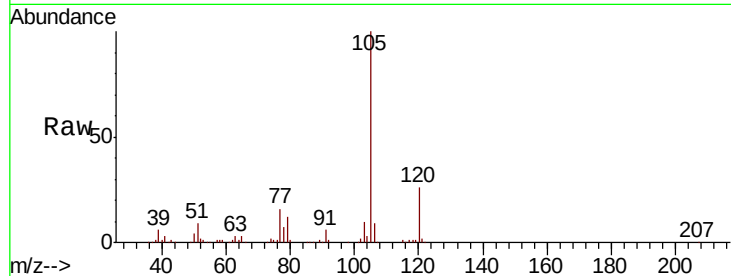
VN0630WBSD02

Tot Ion:105 Resp: 237996

Ion Ratio Lower Upper

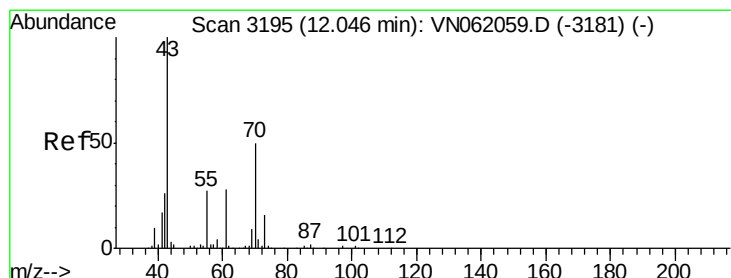
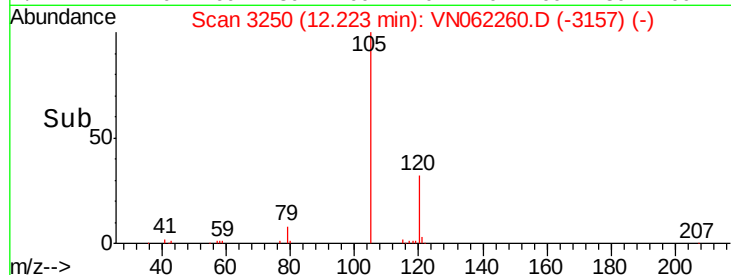
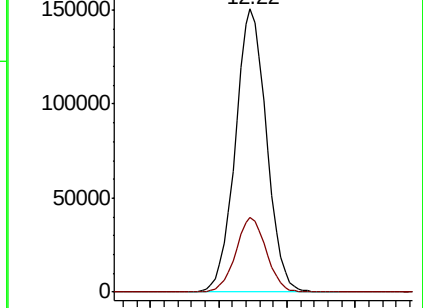
105 100

120 26.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.210 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Tgt Ion: 43 Resp: 84140

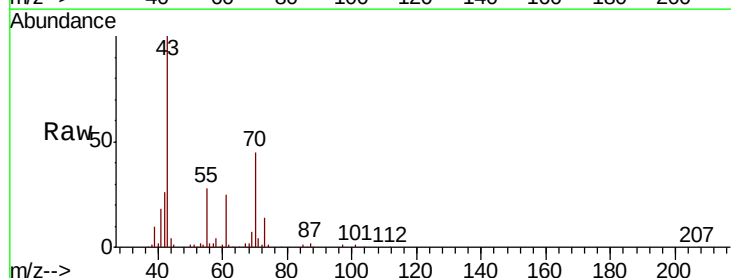
Ion Ratio Lower Upper

43 100

70 46.3 39.4 59.2

55 28.4 21.7 32.5

61 25.5 21.3 31.9

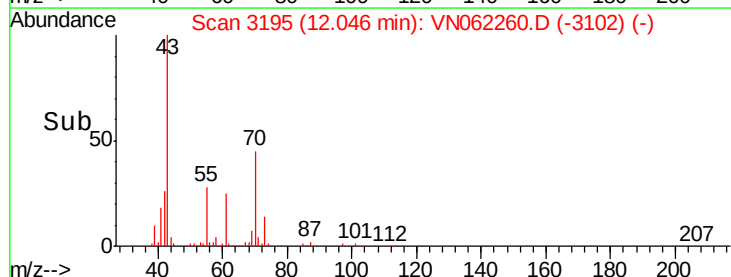
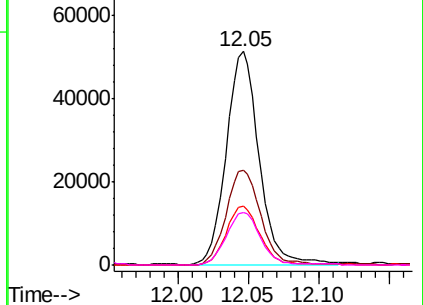


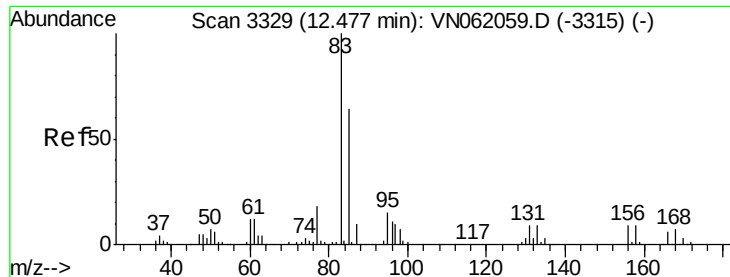
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.608 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

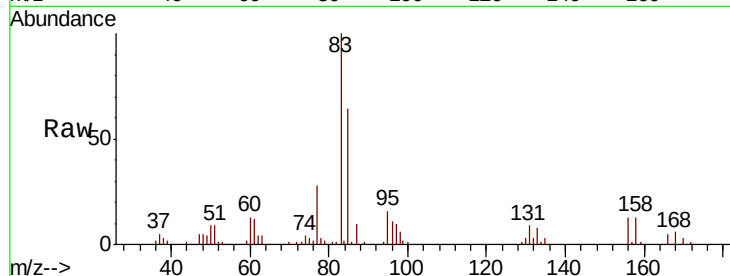
Tot Ion: 83 Resp: 82510

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.4

85 65.2 32.4 97.0



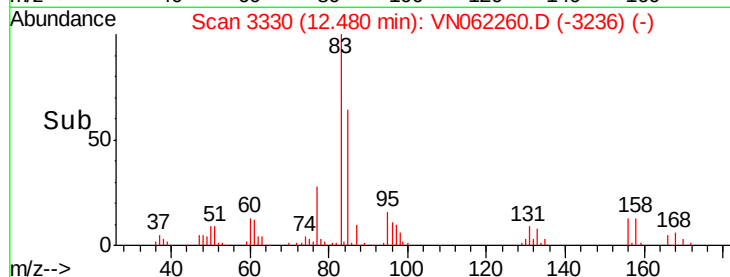
Abundance Ion 82.90 (82.60 to 83.60): VN062260.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062260.D (-3236) (-)

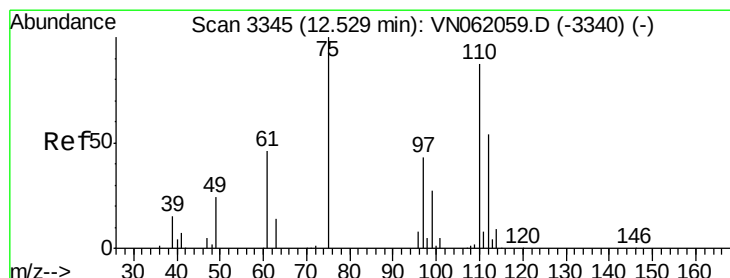
Ion 84.90 (84.60 to 85.60): VN062260.D (-3236) (-)

12.48

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 25.395 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062260.D

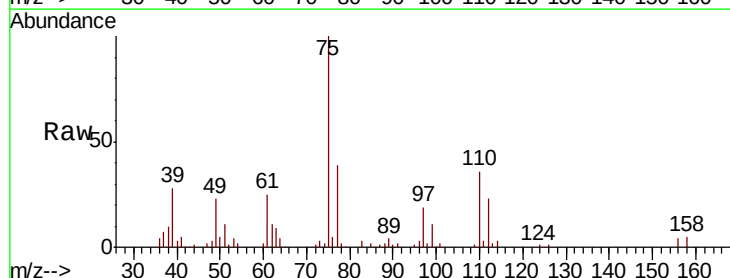
Acq: 1 Jul 2020 00:41

Tgt Ion: 75 Resp: 97658

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

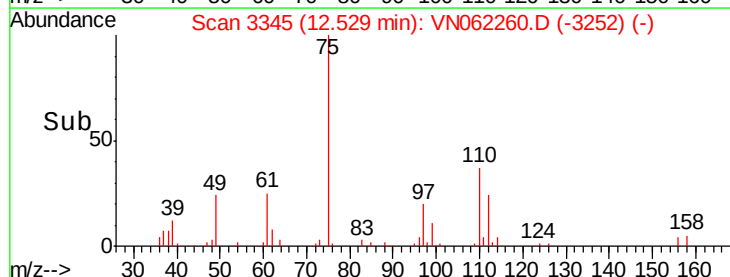


Abundance Ion 74.90 (74.60 to 75.60): VN062260.D (-3252) (-)

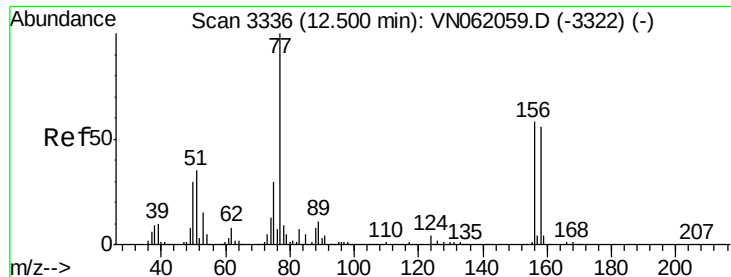
Ion 77.00 (76.70 to 77.70): VN062260.D (-3252) (-)

12.53

Time-->



Time-->



#77

Bromobenzene

Concen: 17.505 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

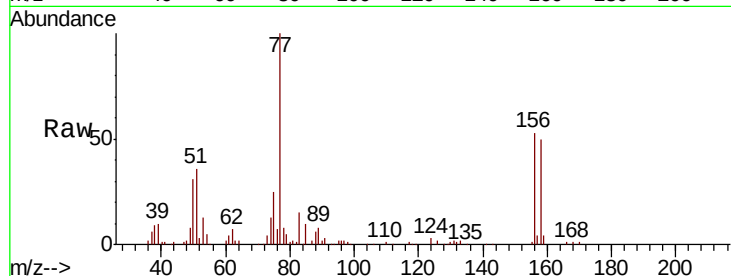
Tot Ion:156 Resp: 54955

Ion Ratio Lower Upper

156 100

77 231.8 104.6 313.8

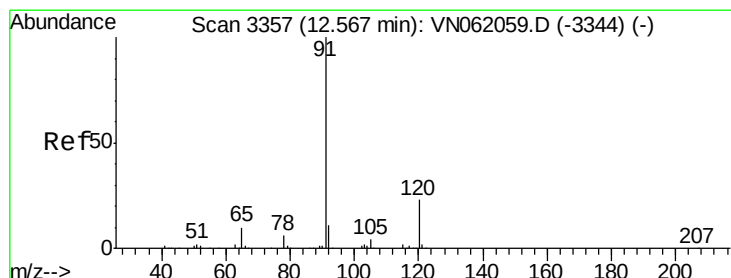
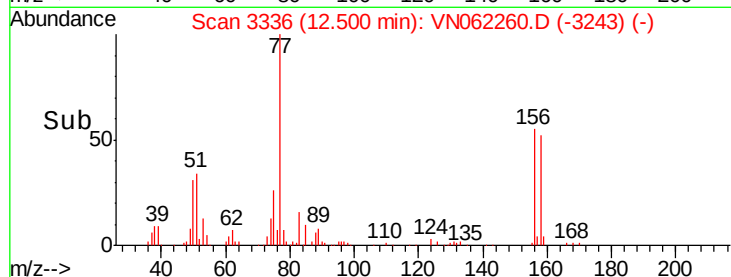
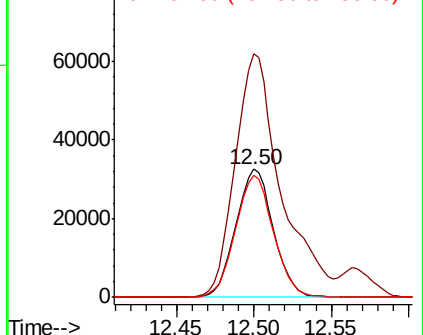
158 96.4 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.697 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062260.D

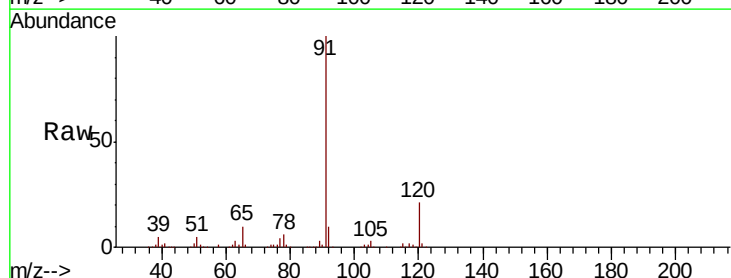
Acq: 1 Jul 2020 00:41

Tgt Ion: 91 Resp: 270438

Ion Ratio Lower Upper

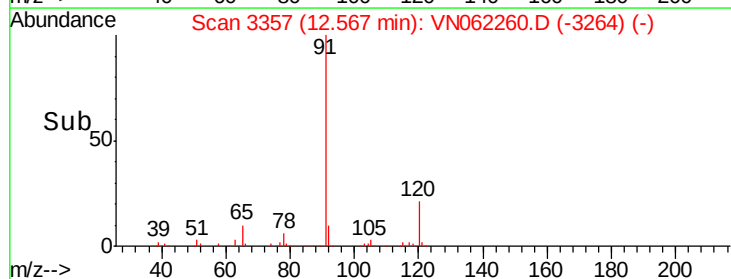
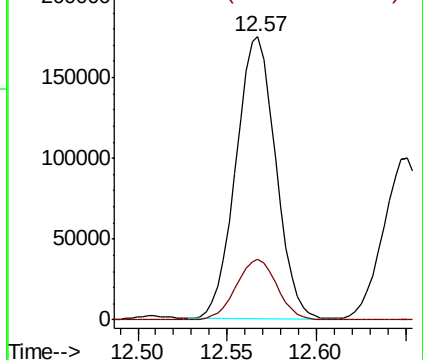
91 100

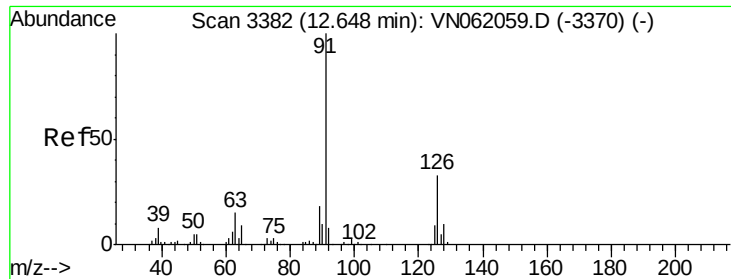
120 22.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

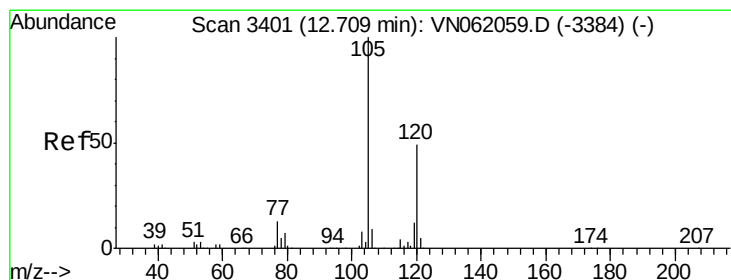
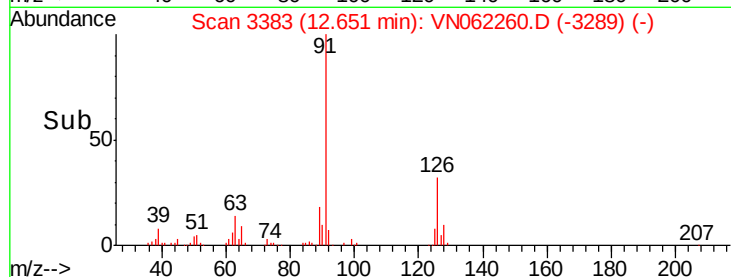
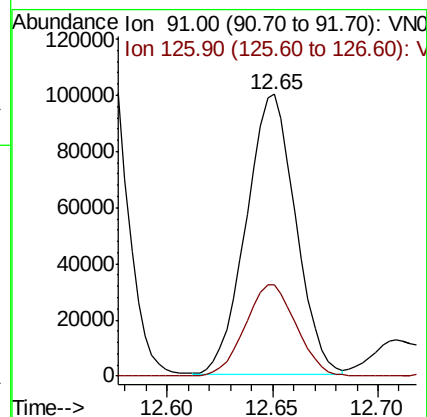
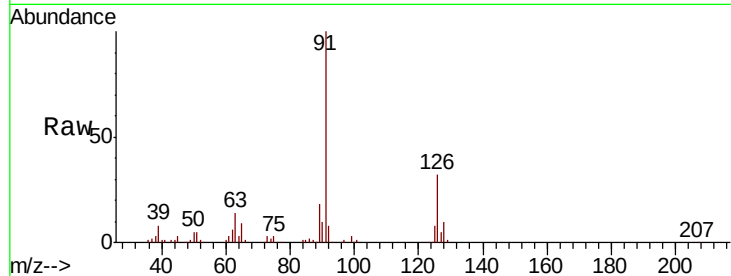




#79
 2-Chlorotoluene
 Concen: 18.620 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

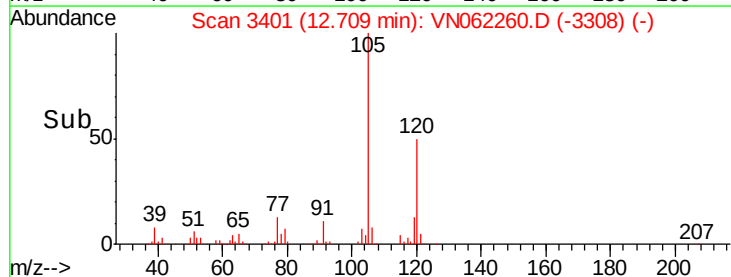
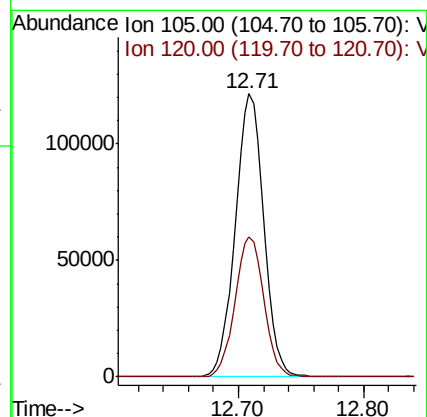
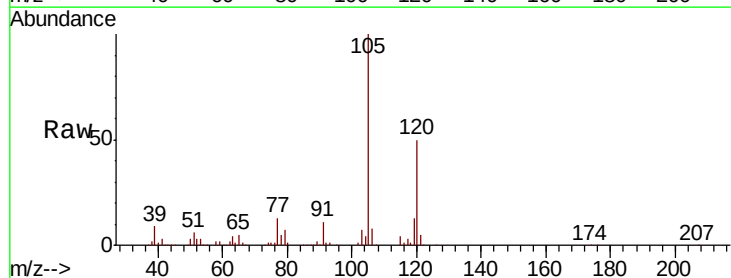
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

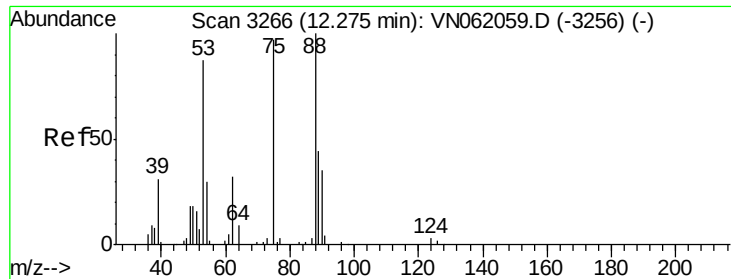
Tot Ion: 91 Resp: 162820
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.630 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion: 105 Resp: 190973
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.126 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampled :

VN0630WBSD02

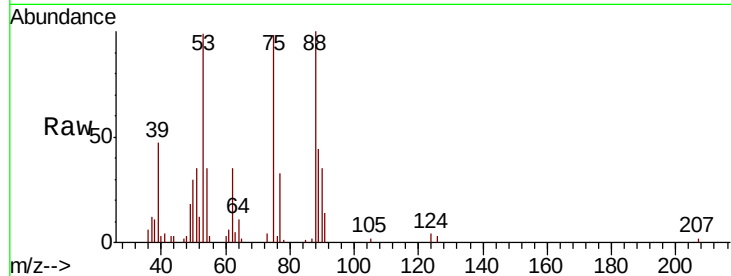
Tot Ion: 75 Resp: 22552

Ion Ratio Lower Upper

75 100

53 96.2 72.0 108.0

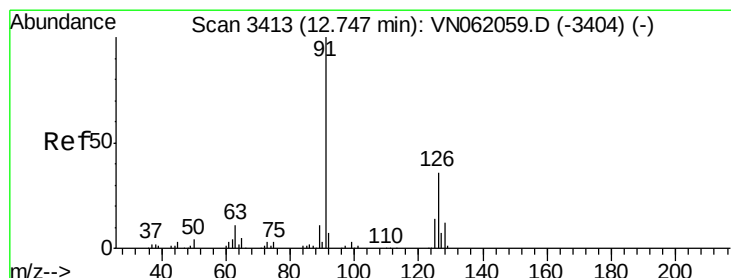
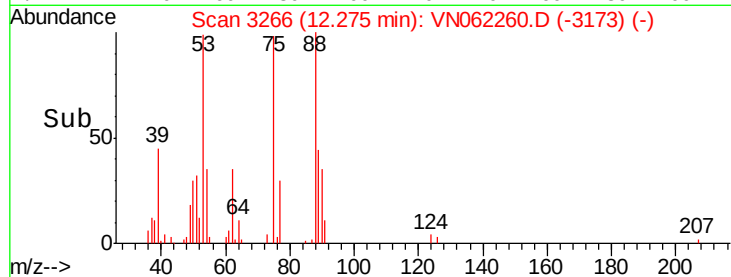
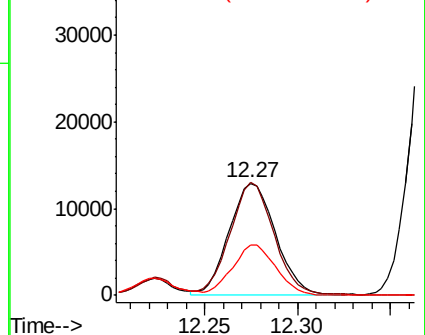
89 41.8 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.477 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062260.D

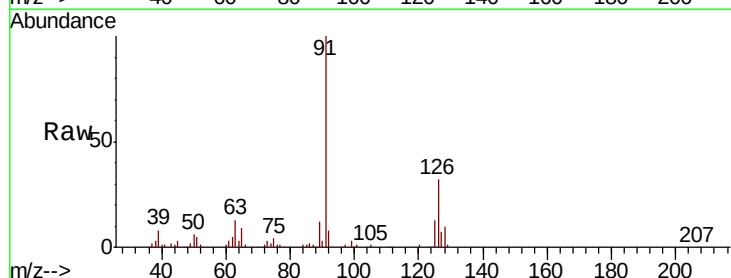
Acq: 1 Jul 2020 00:41

Tgt Ion: 91 Resp: 167082

Ion Ratio Lower Upper

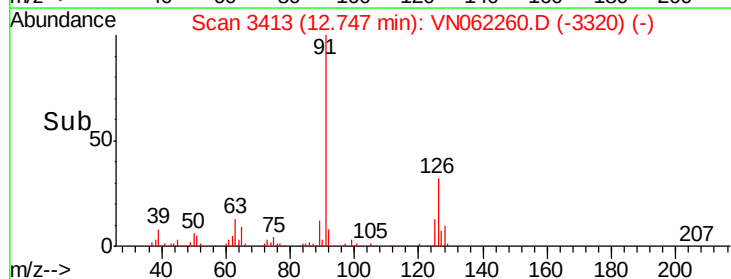
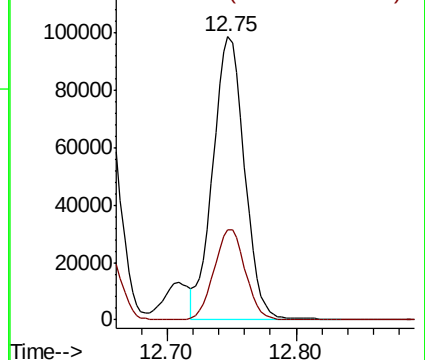
91 100

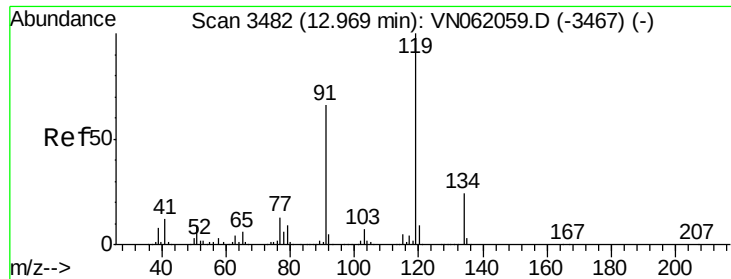
126 31.7 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

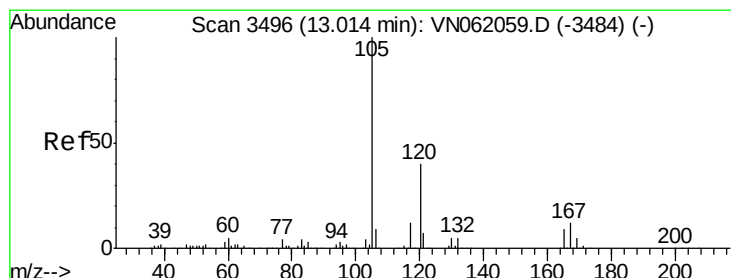
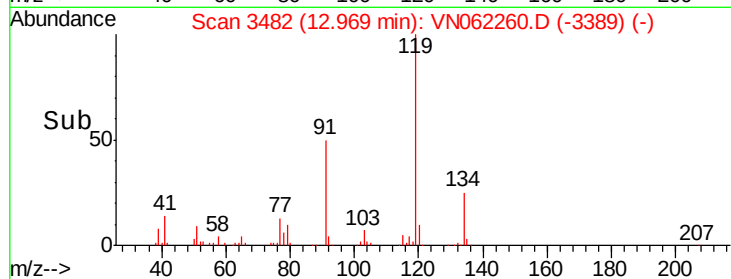
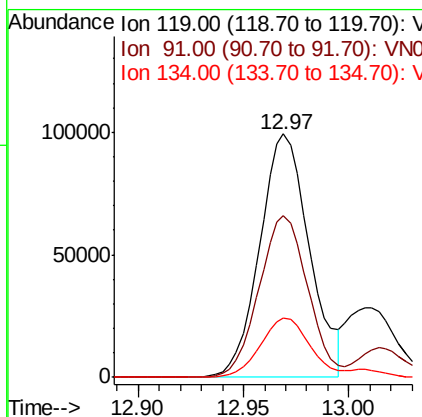
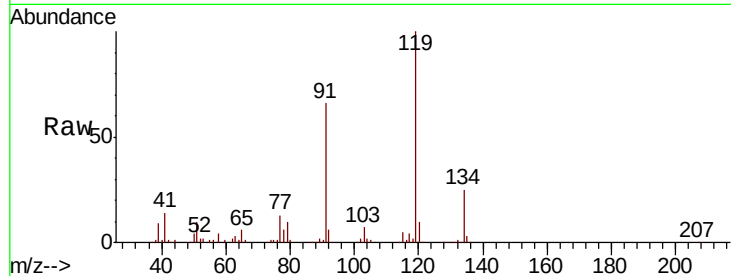




#83
 tert-Butylbenzene
 Concen: 18.579 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

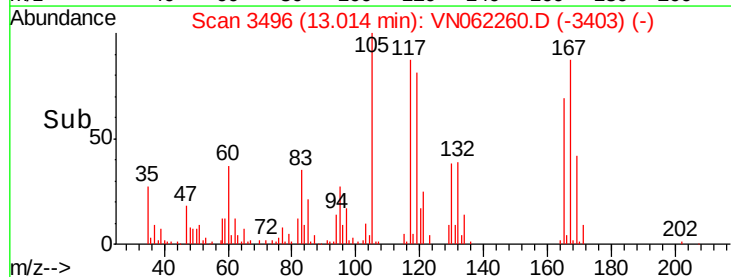
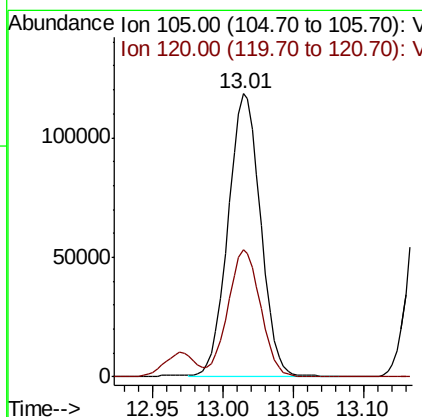
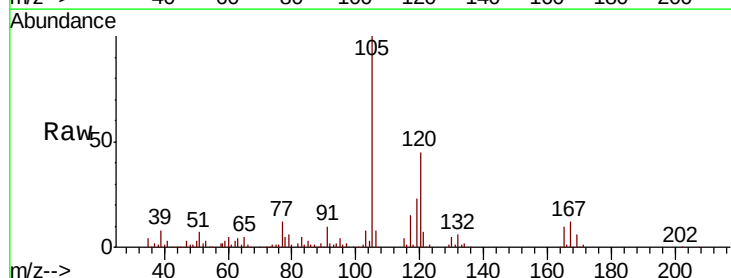
Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBSD02

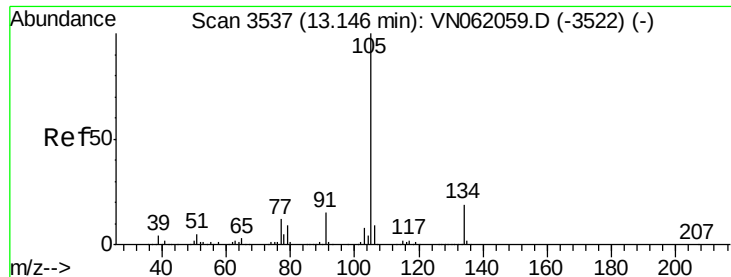
Tot Ion:119 Resp: 162986
 Ion Ratio Lower Upper
 119 100
 91 65.4 31.7 95.1
 134 24.5 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.537 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion:105 Resp: 189788
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.2 69.5





#85

sec-Butylbenzene

Concen: 19.141 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

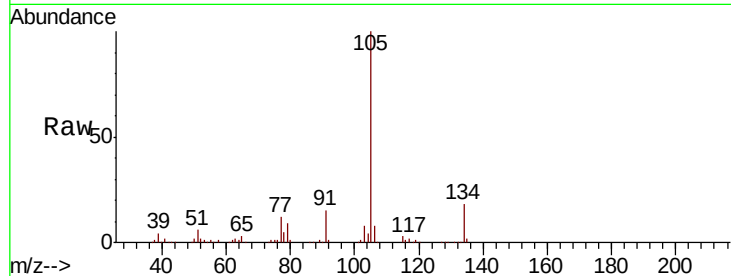
VN0630WBSD02

Tot Ion:105 Resp: 221881

Ion Ratio Lower Upper

105 100

134 18.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

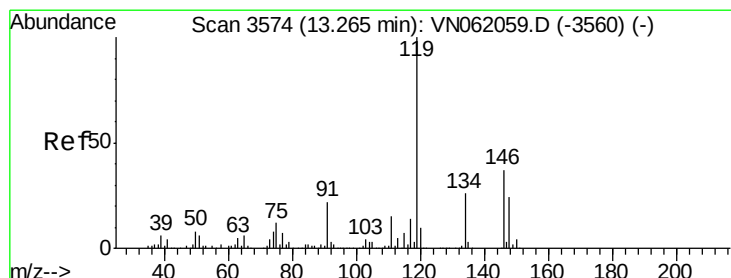
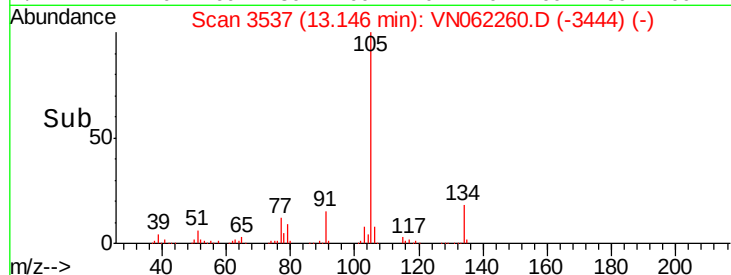
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.325 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

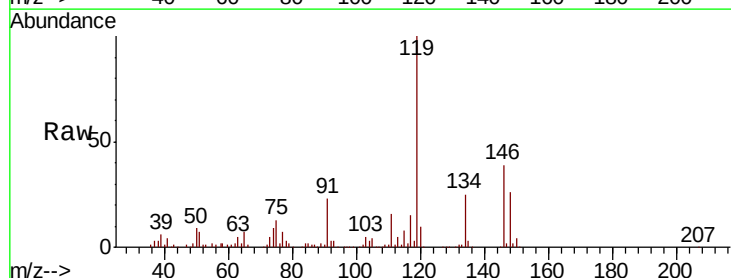
Tgt Ion:119 Resp: 186113

Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 23.9 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

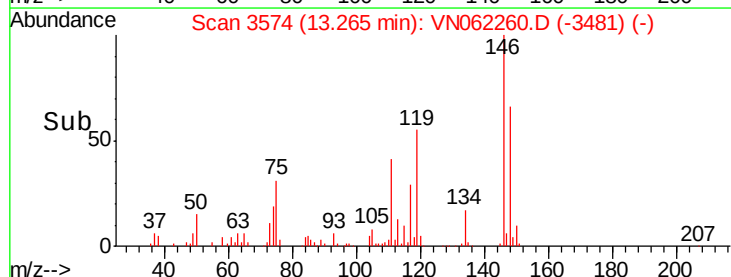
150000

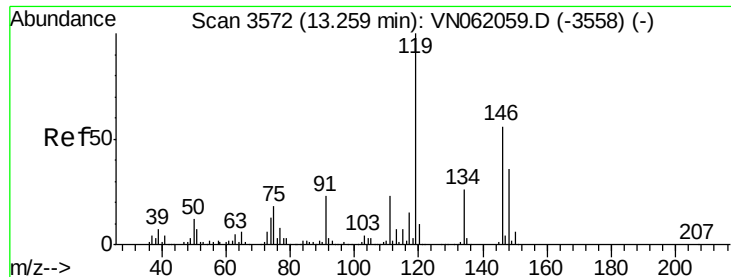
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 17.325 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

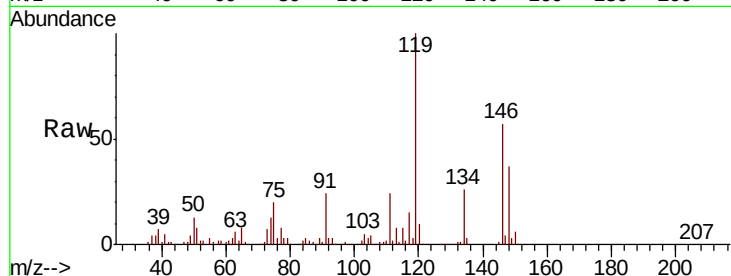
Tot Ion:146 Resp: 95509

Ion Ratio Lower Upper

146 100

111 42.0 20.3 61.0

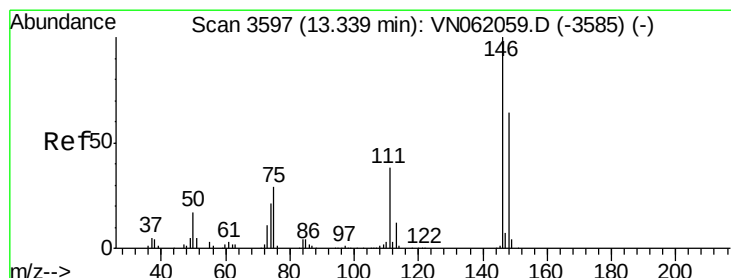
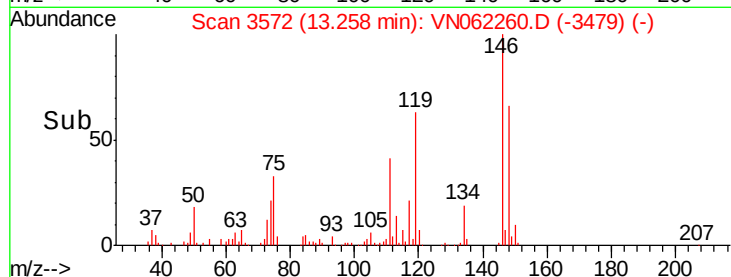
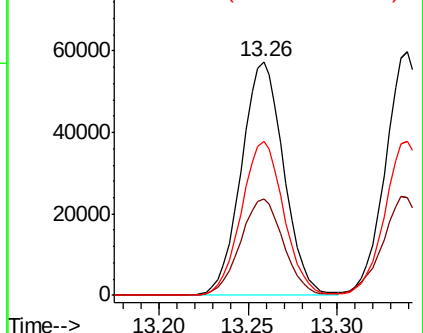
148 65.7 31.8 95.3



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: 16.789 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

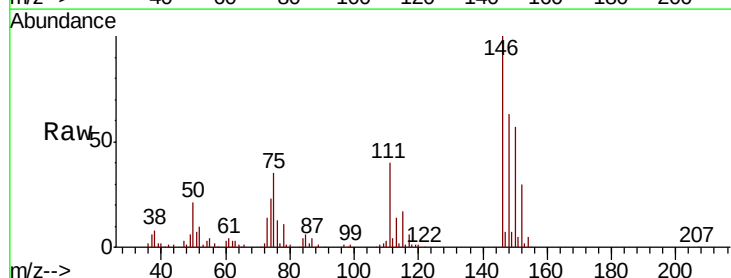
Tgt Ion:146 Resp: 95404

Ion Ratio Lower Upper

146 100

111 41.7 19.9 59.6

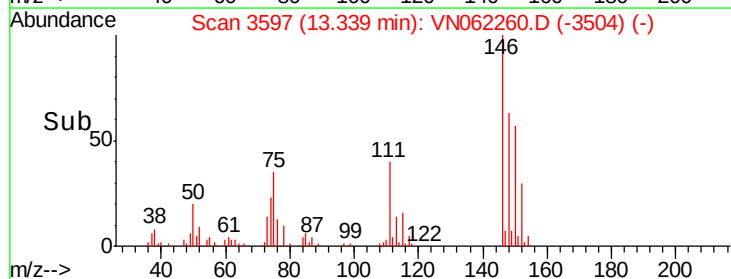
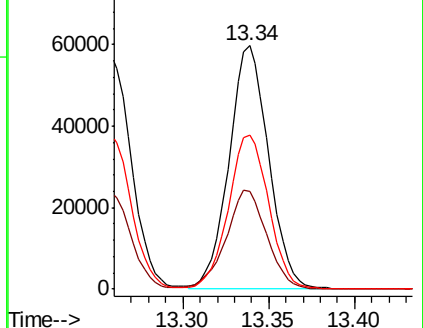
148 65.2 31.9 95.9

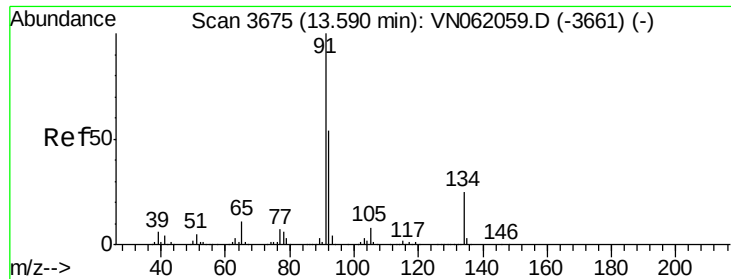


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.627 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

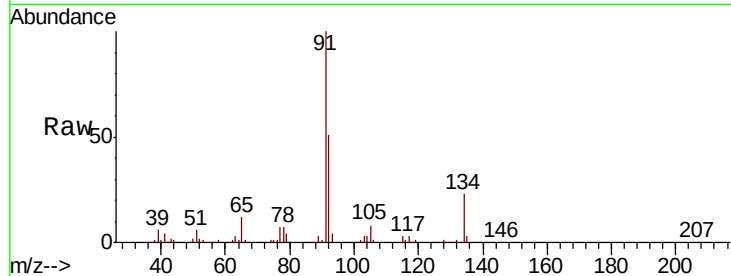
Tot Ion: 91 Resp: 148839

Ion Ratio Lower Upper

91 100

92 51.9 26.6 79.7

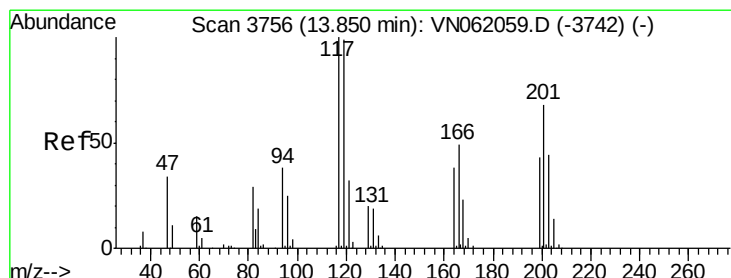
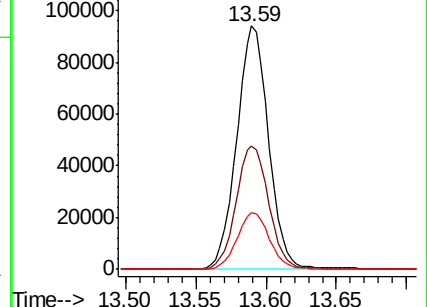
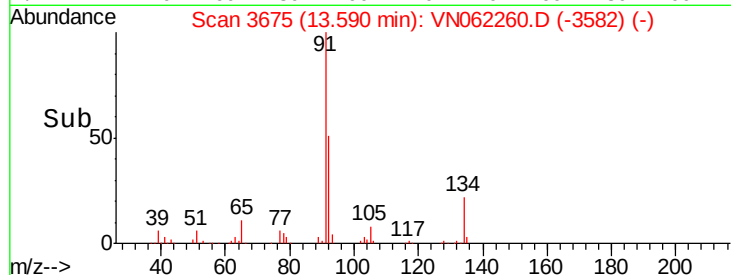
134 23.8 12.3 36.9



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

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

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



#90

Hexachloroethane

Concen: 18.169 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062260.D

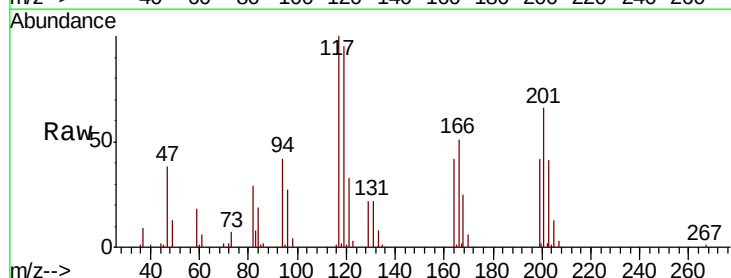
Acq: 1 Jul 2020 00:41

Tgt Ion: 117 Resp: 36204

Ion Ratio Lower Upper

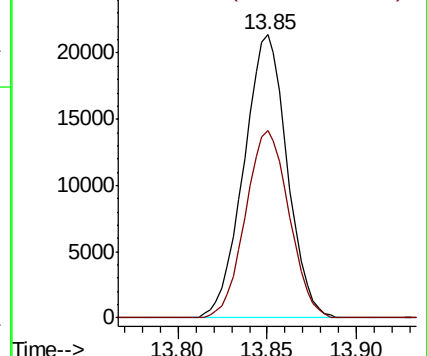
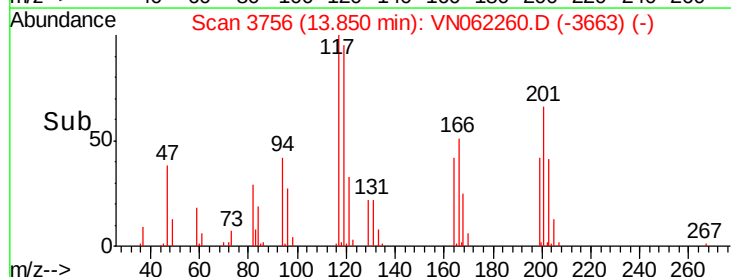
117 100

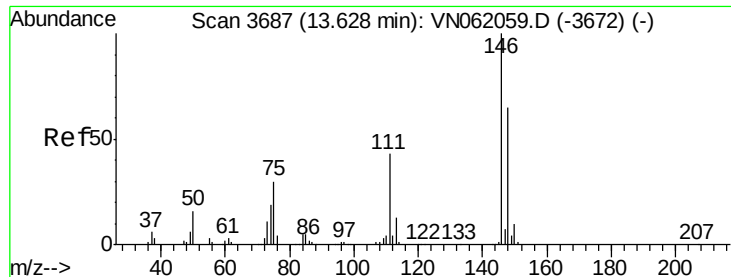
201 66.6 32.7 98.1



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

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

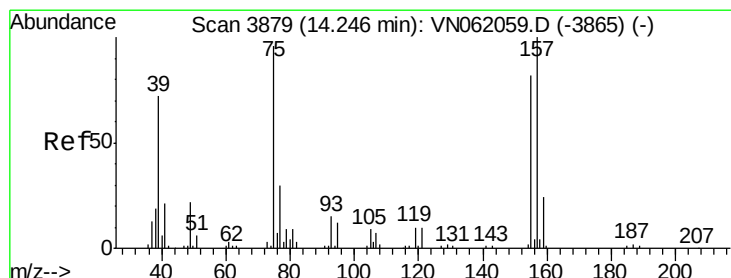
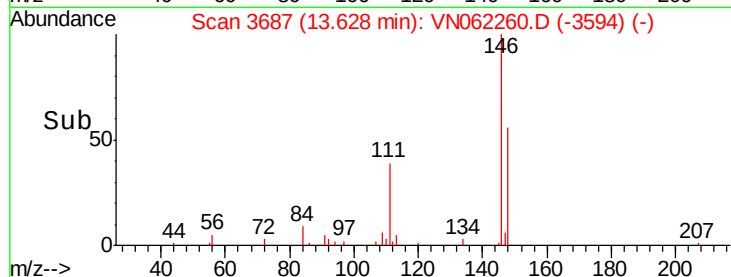
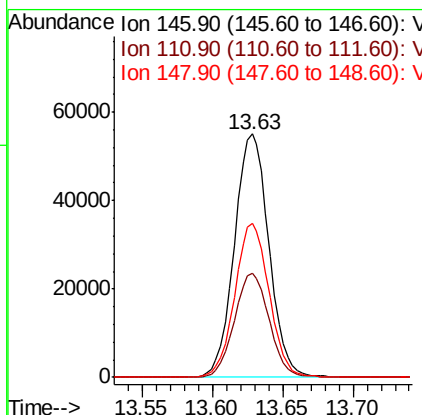
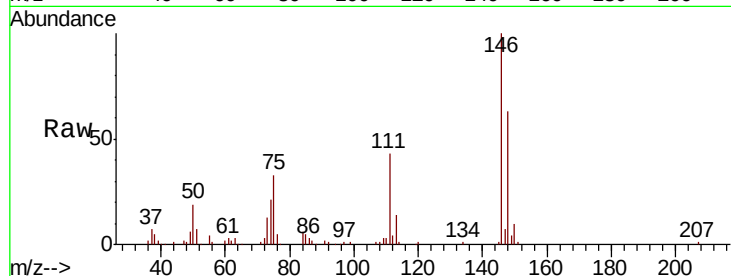




#91
 1,2-Dichlorobenzene
 Concen: 17.640 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

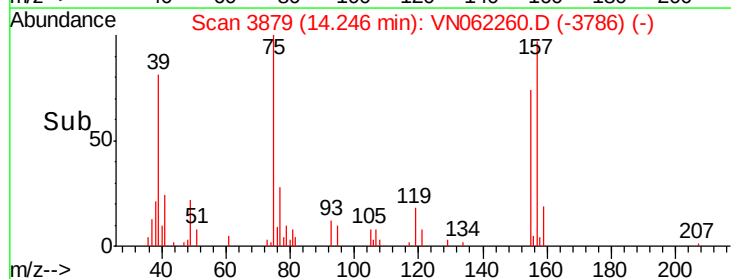
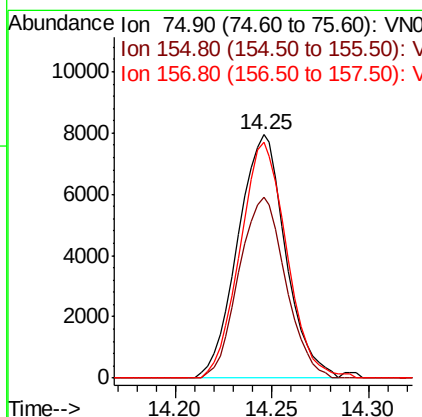
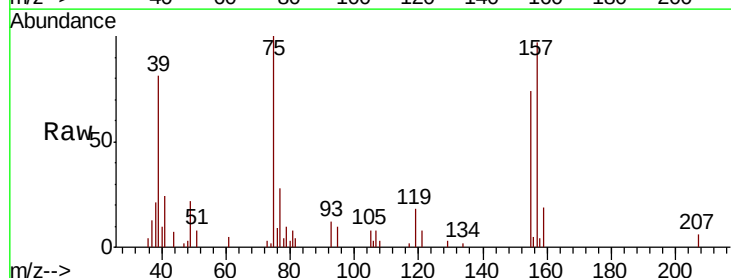
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

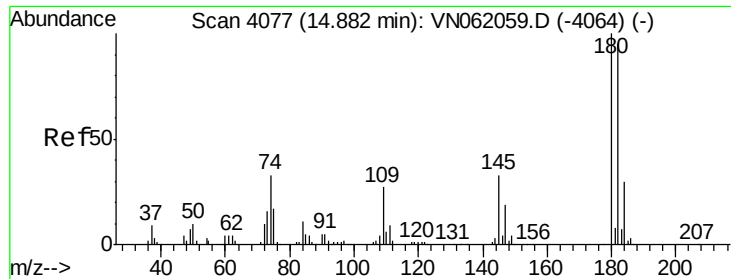
Tot Ion:146 Resp: 94298
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.2 63.6
 148 63.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.248 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion: 75 Resp: 13649
 Ion Ratio Lower Upper
 75 100
 155 72.6 40.8 122.4
 157 94.8 51.4 154.3

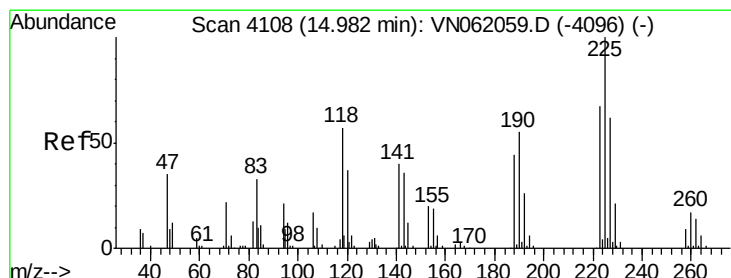
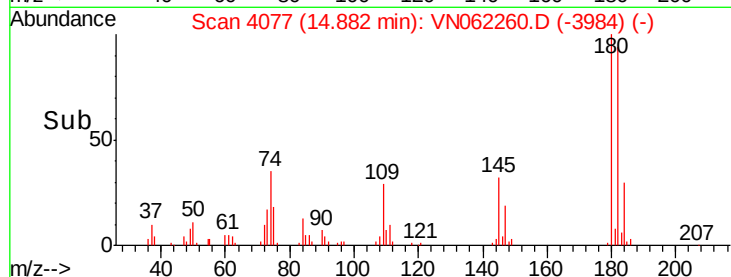
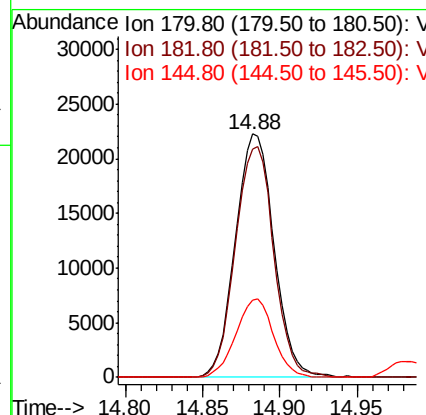
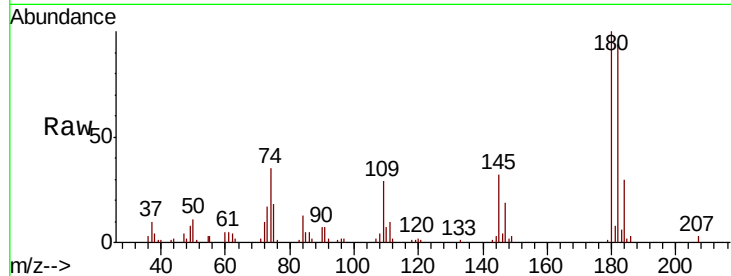




#93
 1,2,4-Trichlorobenzene
 Concen: 16.548 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

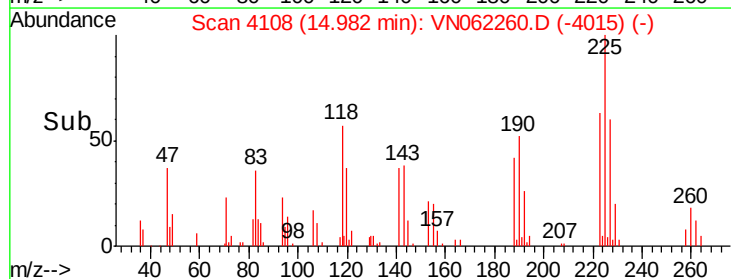
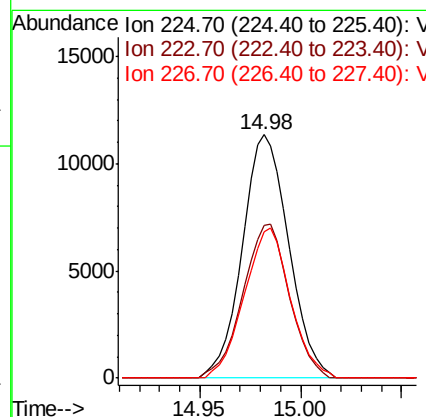
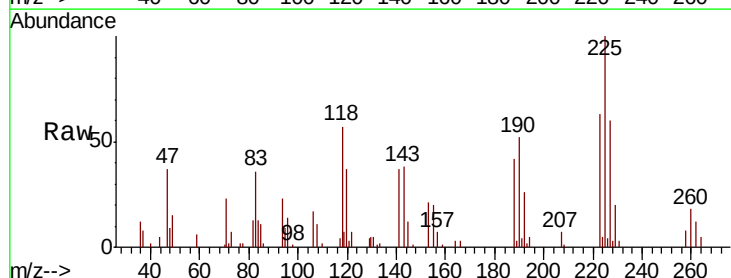
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD02

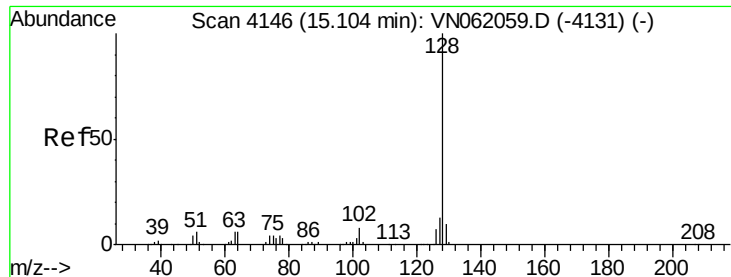
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.0	144.2
145	31.2	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 18.042 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062260.D
 Acq: 1 Jul 2020 00:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.9	98.7
227	61.2	31.3	93.8





#95

Naphthalene

Concen: 17.231 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBSD02

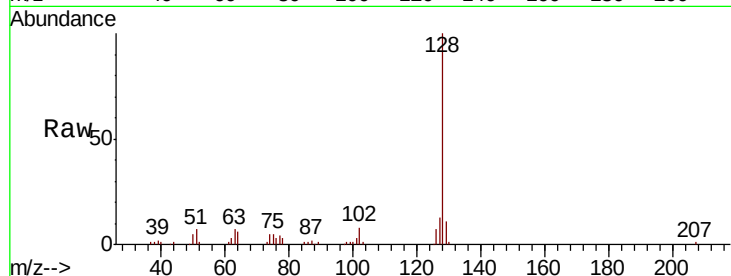
Tot Ion:128 Resp: 112011

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.8 8.6 13.0

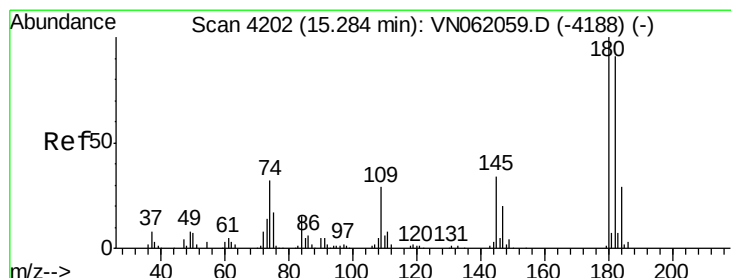
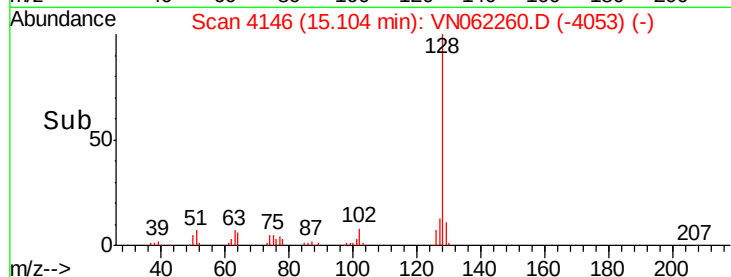
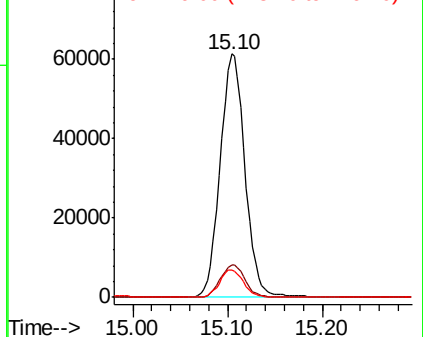


Abundance

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: 17.162 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN062260.D

Acq: 1 Jul 2020 00:41

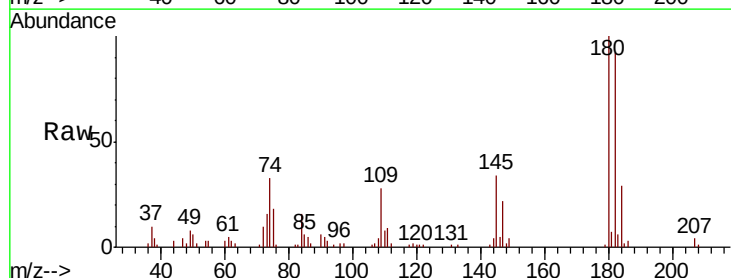
Tgt Ion:180 Resp: 40981

Ion Ratio Lower Upper

180 100

182 92.7 46.8 140.4

145 32.1 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

