

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062824.D
 Acq On : 11 Aug 2020 12:39
 Operator : JC/MD
 Sample : VN0811WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBS01

Quant Time: Aug 11 14:59:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	166045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	264537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	246470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	116031	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	126117	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	
35) Dibromofluoromethane	7.55	113	84353	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
50) Toluene-d8	10.06	98	325894	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.38	95	120144	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	49222	20.702	ug/l	100
3) Chloromethane	2.03	50	40945	18.248	ug/l	100
4) Vinyl Chloride	2.16	62	41970	19.943	ug/l	98
5) Bromomethane	2.51	94	29760	21.362	ug/l	98
6) Chloroethane	2.66	64	28117	20.309	ug/l	91
7) Trichlorofluoromethane	2.98	101	77041	20.530	ug/l	99
8) Diethyl Ether	3.37	74	20872	19.429	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	31714	20.435	ug/l	99
10) Methyl Iodide	3.91	142	35145	19.323	ug/l	98
11) Tert butyl alcohol	4.74	59	41282	91.730	ug/l	99
12) 1,1-Dichloroethene	3.69	96	28549	19.475	ug/l	100
13) Acrolein	3.57	56	12757	46.817	ug/l	98
14) Allyl chloride	4.27	41	51273	17.637	ug/l	99
15) Acrylonitrile	4.93	53	97839	93.732	ug/l	98
16) Acetone	3.78	43	104166	104.987	ug/l	98
17) Carbon Disulfide	4.01	76	76161	18.383	ug/l	98
18) Methyl Acetate	4.28	43	45613	18.731	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	125238	19.468	ug/l	98
20) Methylene Chloride	4.50	84	38447	20.729	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	30263	18.213	ug/l	99
22) Diisopropyl ether	5.90	45	119451	19.302	ug/l	96
23) Vinyl Acetate	5.84	43	412680	87.671	ug/l	98
24) 1,1-Dichloroethane	5.80	63	67960	18.739	ug/l	99
25) 2-Butanone	6.79	43	136094	96.848	ug/l	99
26) 2,2-Dichloropropane	6.77	77	66382	19.857	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	38979	19.555	ug/l	95
28) Bromochloromethane	7.15	49	34299	19.596	ug/l	94
29) Tetrahydrofuran	7.17	42	83354	91.303	ug/l	97
30) Chloroform	7.33	83	73376	19.038	ug/l	100
31) Cyclohexane	7.61	56	62980	18.918	ug/l #	87
32) 1,1,1-Trichloroethane	7.53	97	67546	19.602	ug/l	98
36) 1,1-Dichloropropene	7.75	75	48590	18.864	ug/l	96
37) Ethyl Acetate	6.88	43	47352	17.598	ug/l	99
38) Carbon Tetrachloride	7.73	117	58680	19.262	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	58821	18.975	ug/l	100
40) Benzene	8.00	78	146371	19.043	ug/l	98
41) Methacrylonitrile	7.13	41	25946m	21.369	ug/l	
42) 1,2-Dichloroethane	8.09	62	62481	19.099	ug/l	99
43) Isopropyl Acetate	8.13	43	79724	17.764	ug/l	97
44) Trichloroethene	8.80	130	36852	19.679	ug/l	94
45) 1,2-Dichloropropane	9.08	63	39981	19.219	ug/l	93
46) Dibromomethane	9.18	93	27351	20.066	ug/l	99
47) Bromodichloromethane	9.37	83	60971	19.916	ug/l	99
48) Methyl methacrylate	9.17	41	38309	17.354	ug/l	96
49) 1,4-Dioxane	9.17	88	15858	387.693	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	267849	92.241	ug/l	99
52) Toluene	10.12	92	93146	19.627	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	65564	19.470	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	66604	19.700	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	38887	19.186	ug/l	98
56) Ethyl methacrylate	10.40	69	58252	19.094	ug/l	99
57) 1,3-Dichloropropane	10.68	76	65597	19.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	77888	90.320	ug/l	99
59) 2-Hexanone	10.72	43	201132	92.856	ug/l	99
60) Dibromochloromethane	10.88	129	44596	19.281	ug/l	98
61) 1,2-Dibromoethane	10.98	107	39162	19.581	ug/l	99
64) Tetrachloroethene	10.60	164	30912	19.438	ug/l	98
65) Chlorobenzene	11.41	112	100266	19.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	41736	20.172	ug/l	97
67) Ethyl Benzene	11.48	91	179475	19.466	ug/l	100
68) m/p-Xylenes	11.60	106	134857	40.295	ug/l	96
69) o-Xylene	11.92	106	62946	20.070	ug/l	99
70) Styrene	11.94	104	111502	20.225	ug/l	99
71) Bromoform	12.10	173	32430	19.157	ug/l #	96
73) Isopropylbenzene	12.22	105	179944	20.595	ug/l	100
74) N-amyl acetate	12.05	43	66252	18.712	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	59195	19.246	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	63806m	20.390	ug/l	
77) Bromobenzene	12.50	156	42792	19.712	ug/l	96
78) n-propylbenzene	12.57	91	205754	20.062	ug/l	99
79) 2-Chlorotoluene	12.65	91	128437	19.970	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	156985	20.711	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	20216	19.722	ug/l	97
82) 4-Chlorotoluene	12.75	91	130323	19.663	ug/l	99
83) tert-Butylbenzene	12.97	119	132413	20.645	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	149992	20.684	ug/l	98
85) sec-Butylbenzene	13.15	105	170425	20.234	ug/l	100
86) p-Isopropyltoluene	13.26	119	152918	20.454	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	76407	19.702	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	76572	19.685	ug/l	98
89) n-Butylbenzene	13.59	91	116295	18.392	ug/l	99
90) Hexachloroethane	13.85	117	29815	18.501	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	72768	20.014	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	12906	19.546	ug/l	97

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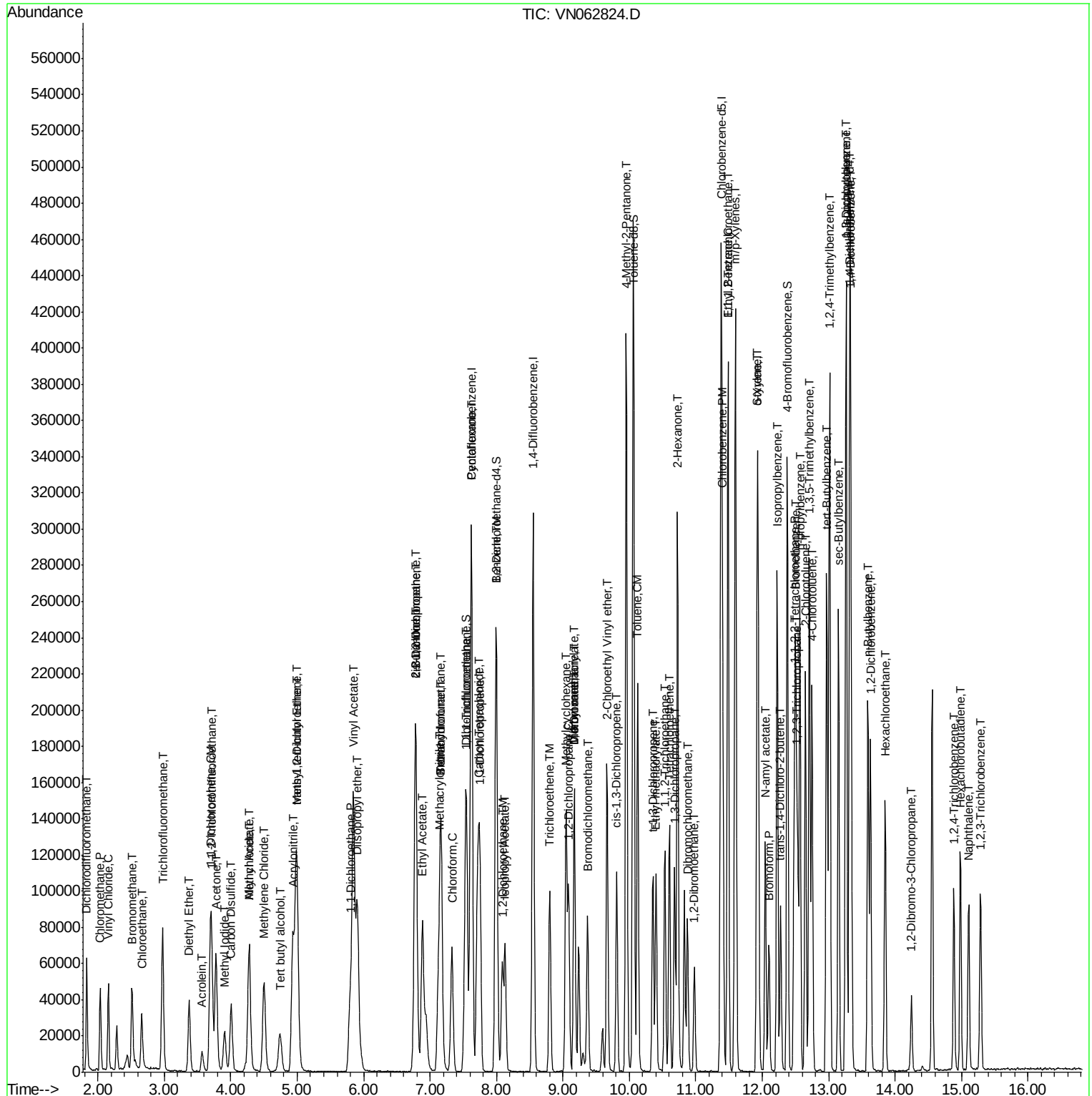
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	31952	18.598	ug/l	95
94) Hexachlorobutadiene	14.99	225	23570	19.657	ug/l	98
95) Naphthalene	15.11	128	80002	17.594	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	32748	18.823	ug/l	96

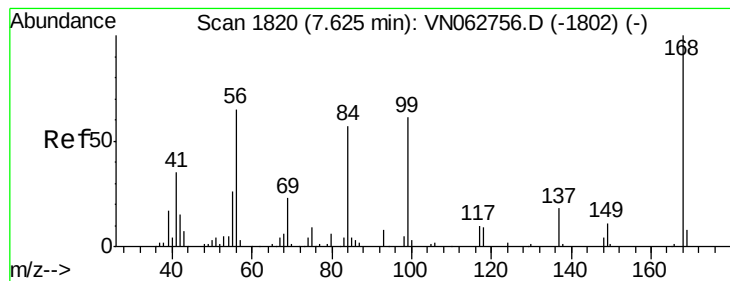
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081120\
Data File : VN062824.D
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

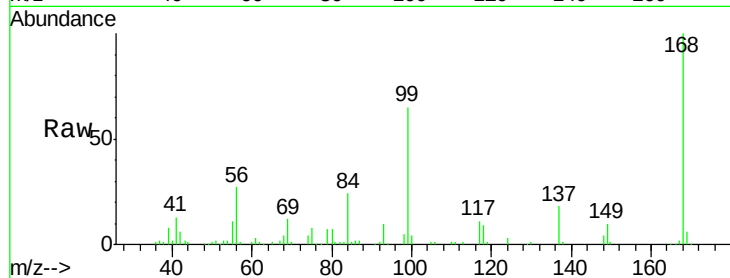
VN0811WBS01

Tot Ion:168 Resp: 166045

Ion Ratio Lower Upper

168 100

99 64.3 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062756.D (-1802) (-)

Ion 98.90 (98.60 to 99.60): VN062756.D (-1802) (-)

7.63

60000

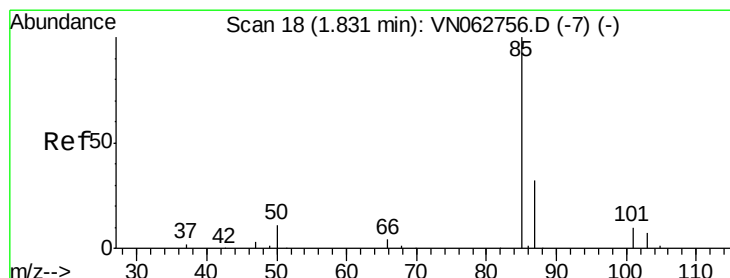
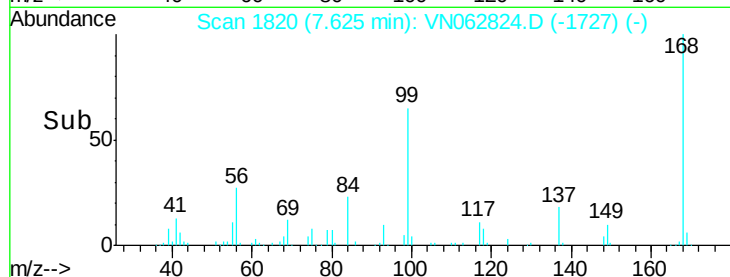
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.702 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062824.D

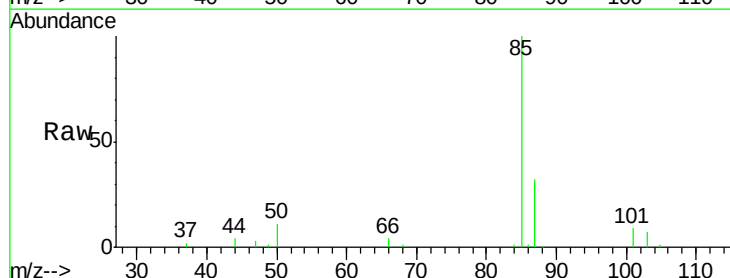
Acq: 11 Aug 2020 12:39

Tgt Ion: 85 Resp: 49222

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN062756.D (-7) (-)

Ion 86.90 (86.60 to 87.60): VN062756.D (-7) (-)

1.83

40000

30000

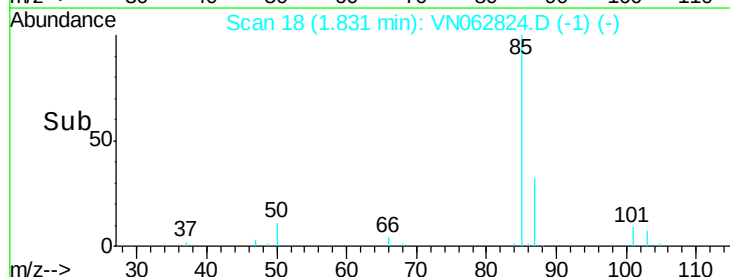
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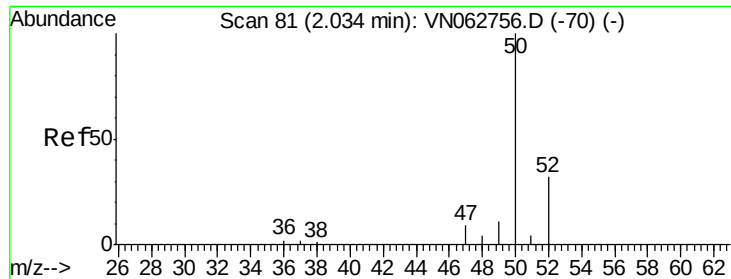
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.248 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

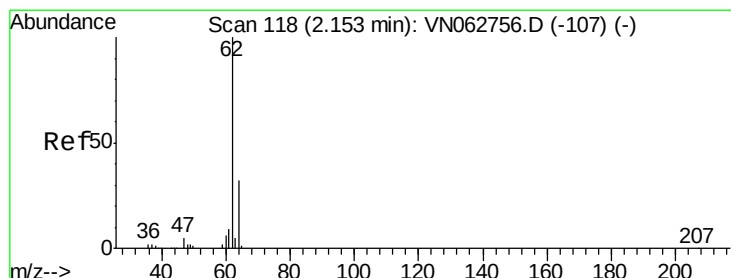
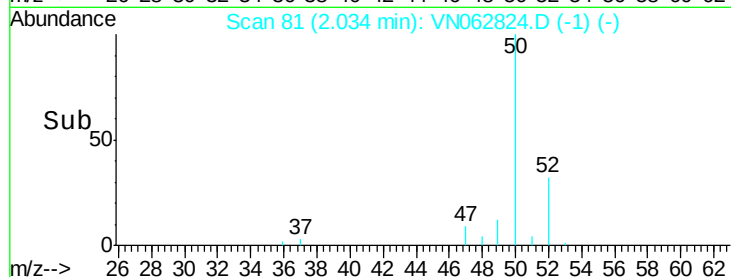
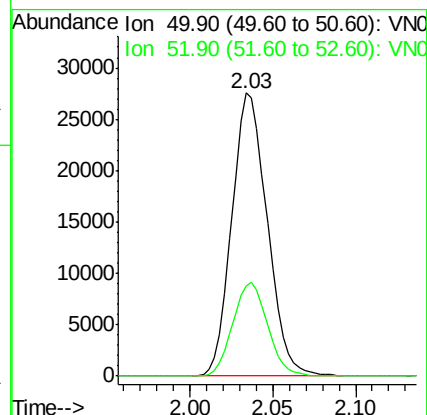
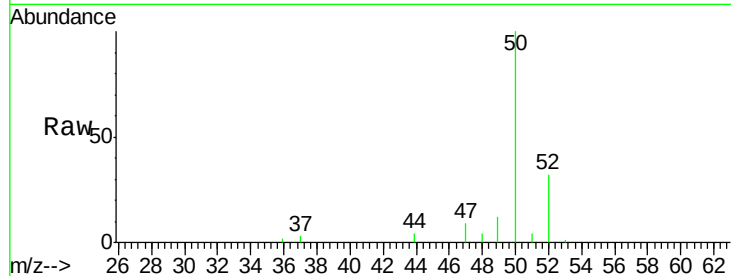
VN0811WBS01

Tot Ion: 50 Resp: 40945

Ion Ratio Lower Upper

50 100

52 32.0 25.6 38.4



#4

Vinyl Chloride

Concen: 19.943 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062824.D

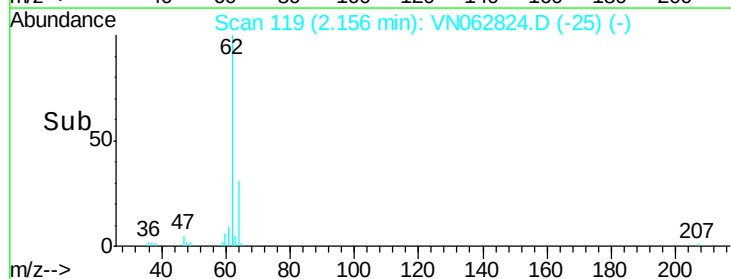
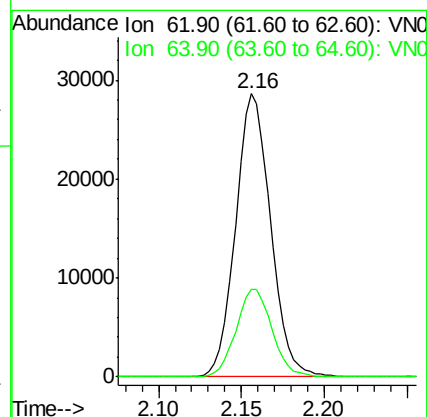
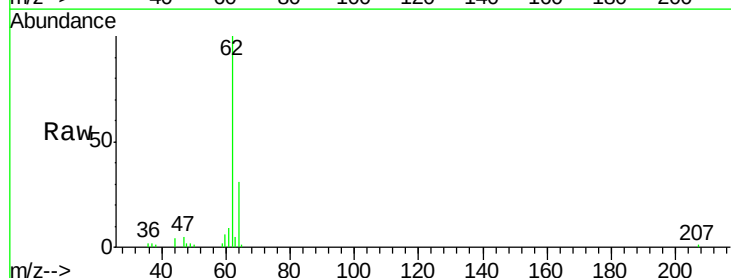
Acq: 11 Aug 2020 12:39

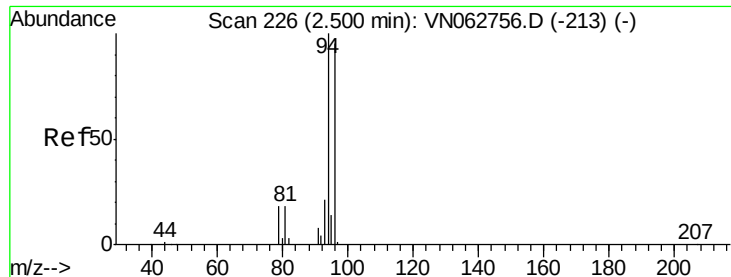
Tgt Ion: 62 Resp: 41970

Ion Ratio Lower Upper

62 100

64 31.1 25.8 38.8





#5

Bromomethane

Concen: 21.362 ug/l

RT: 2.51 min Scan# 230

Delta R.T. 0.01 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

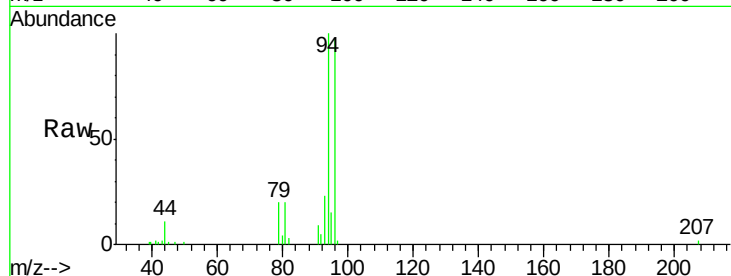
VN0811WBS01

Tot Ion: 94 Resp: 29760

Ion Ratio Lower Upper

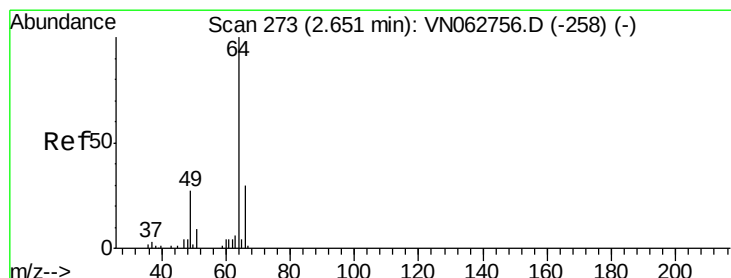
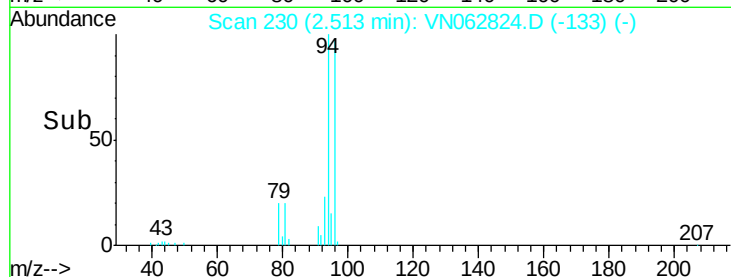
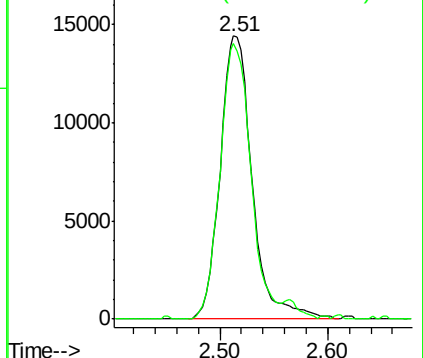
94 100

96 97.3 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.309 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.01 min

Lab File: VN062824.D

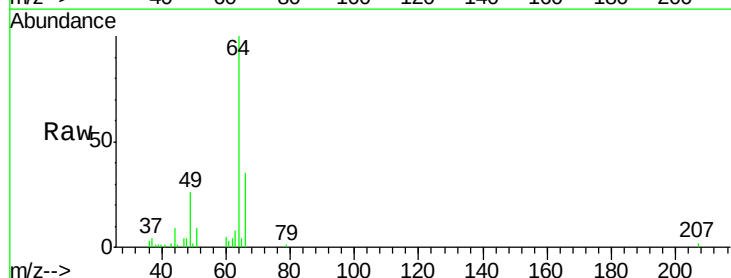
Acq: 11 Aug 2020 12:39

Tgt Ion: 64 Resp: 28117

Ion Ratio Lower Upper

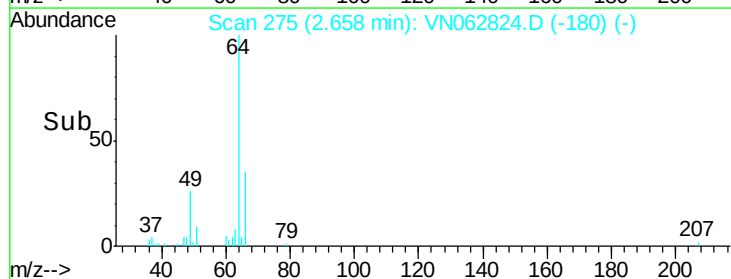
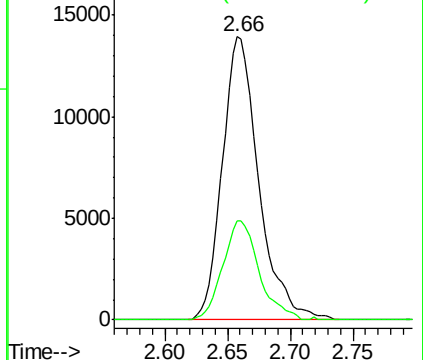
64 100

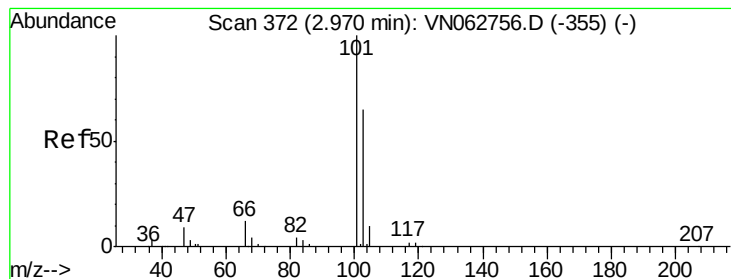
66 34.8 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



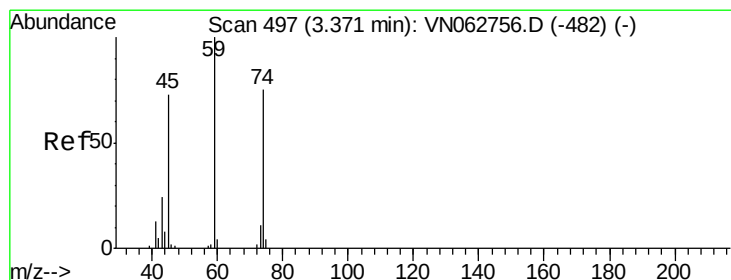
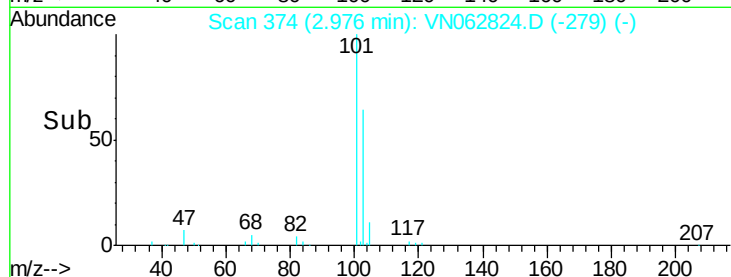
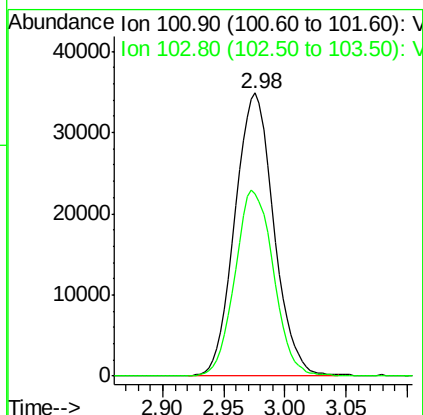
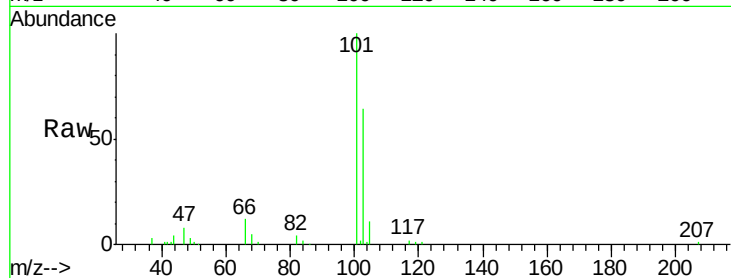


#7

Trichlorofluoromethane
 Concen: 20.530 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

Instrument :
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 ClientSampleId :
 VN0811WBS01

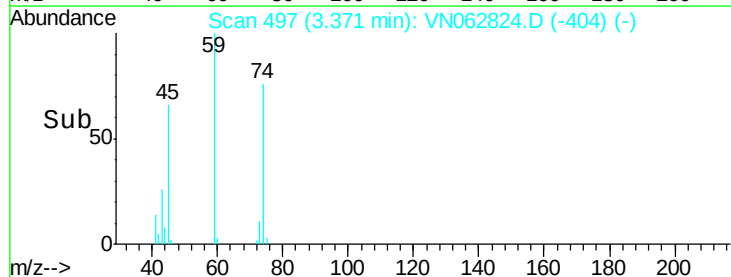
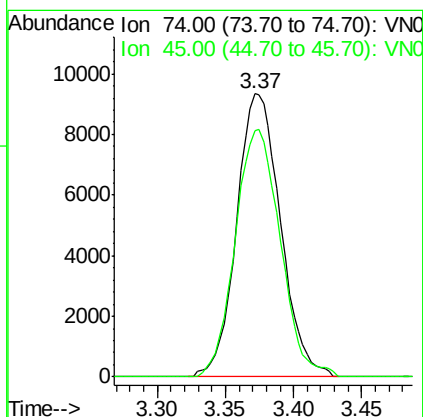
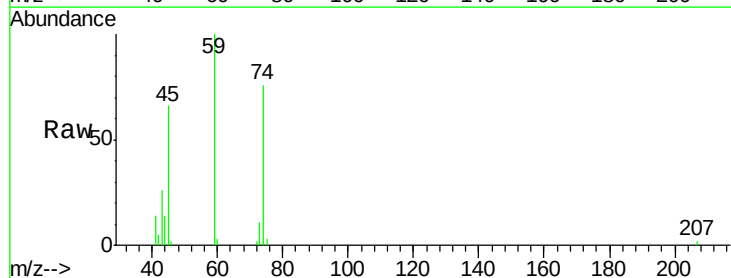
Tot Ion:101 Resp: 77041
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.3 78.5

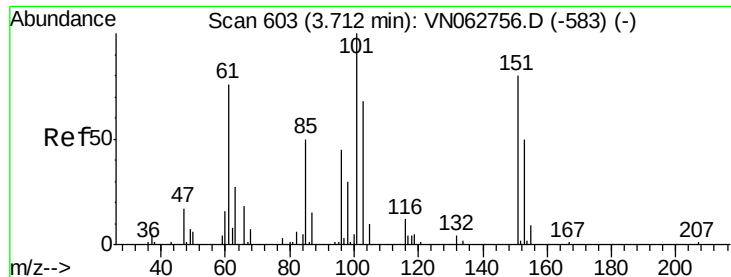


#8

Diethyl Ether
 Concen: 19.429 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

Tgt Ion: 74 Resp: 20872
 Ion Ratio Lower Upper
 74 100
 45 89.8 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.435 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampled :

VN0811WBS01

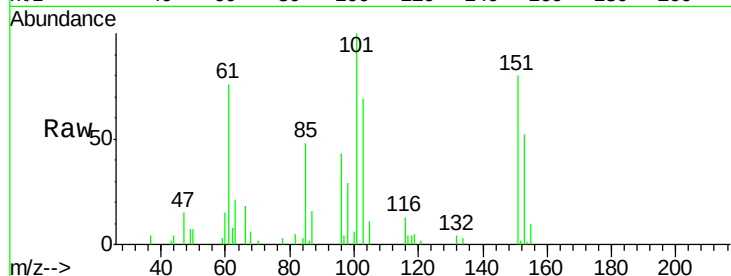
Tot Ion:101 Resp: 31714

Ion Ratio Lower Upper

101 100

85 46.6 38.5 57.7

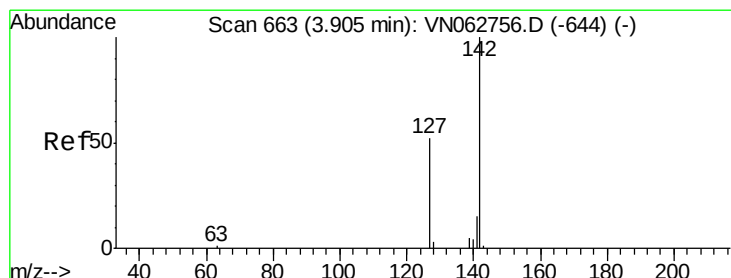
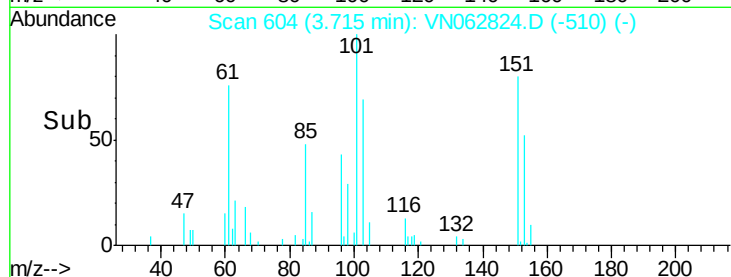
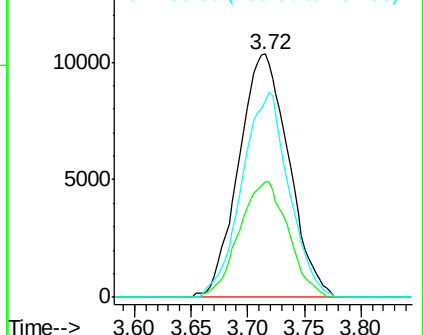
151 79.6 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.323 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

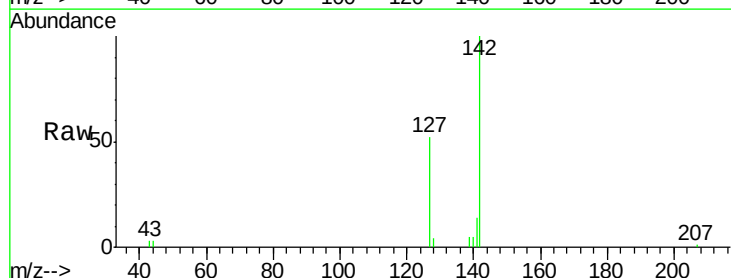
Tgt Ion:142 Resp: 35145

Ion Ratio Lower Upper

142 100

127 52.5 41.4 62.0

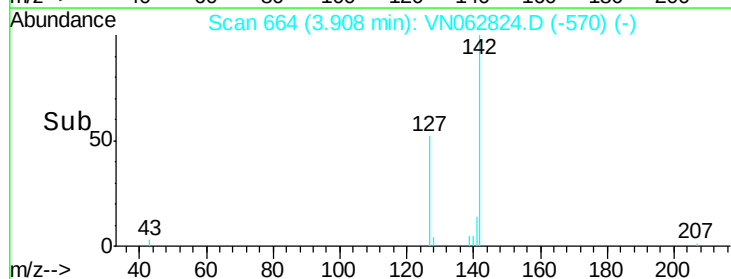
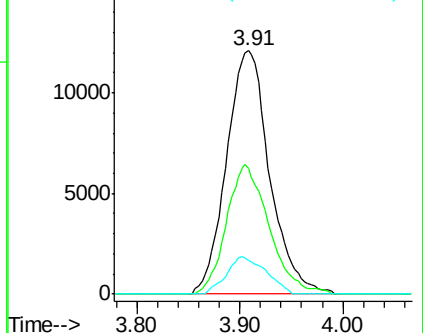
141 14.1 12.2 18.4

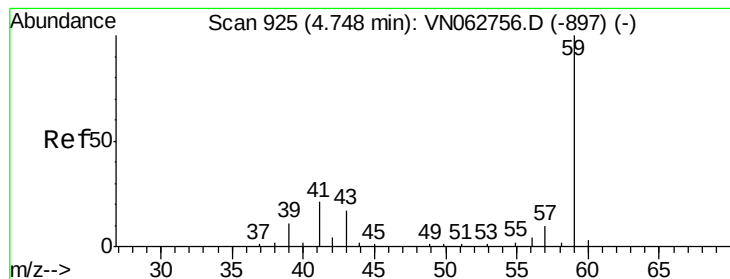


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.730 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.01 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampled :

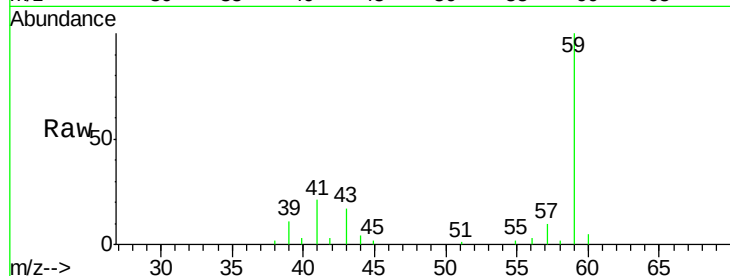
VN0811WBS01

Tot Ion: 59 Resp: 41282

Ion Ratio Lower Upper

59 100

57 10.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

12000

10000

8000

6000

4000

2000

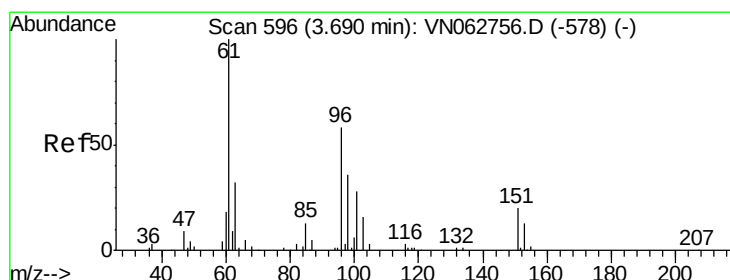
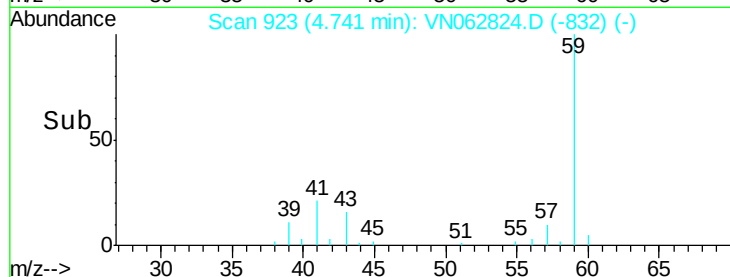
0

4.60

4.70

4.80

Time-->



#12

1,1-Dichloroethene

Concen: 19.475 ug/l

RT: 3.69 min Scan# 597

Delta R.T. 0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

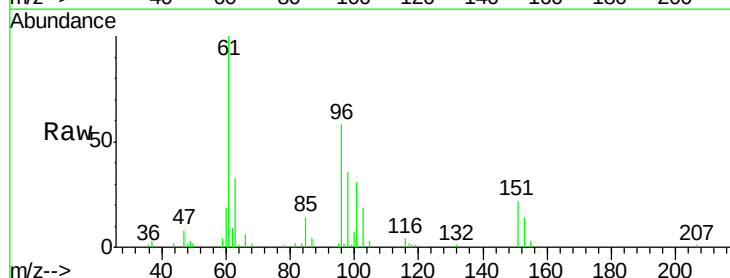
Tgt Ion: 96 Resp: 28549

Ion Ratio Lower Upper

96 100

61 173.7 139.0 208.6

98 62.1 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

25000

20000

15000

10000

5000

0

3.60

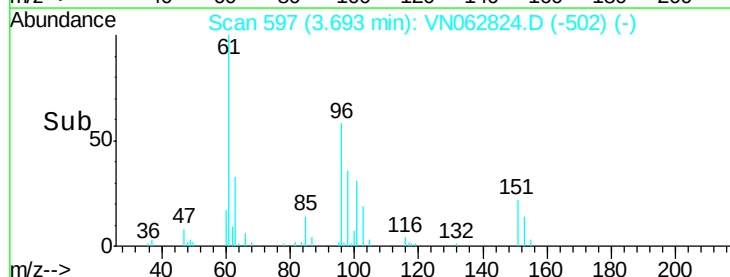
3.65

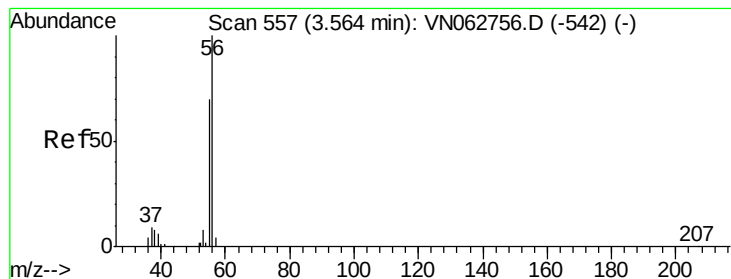
3.70

3.75

3.80

Time-->





#13

Acrolein

Concen: 46.817 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

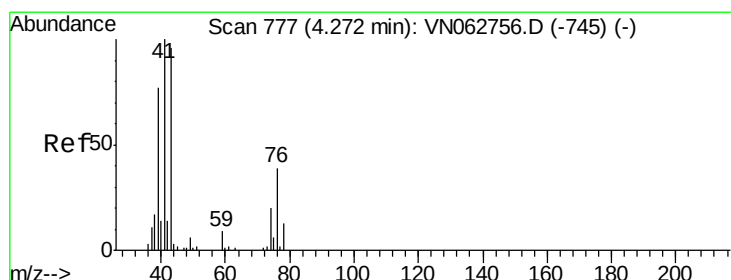
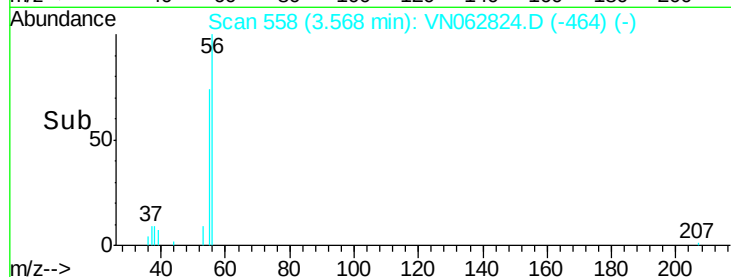
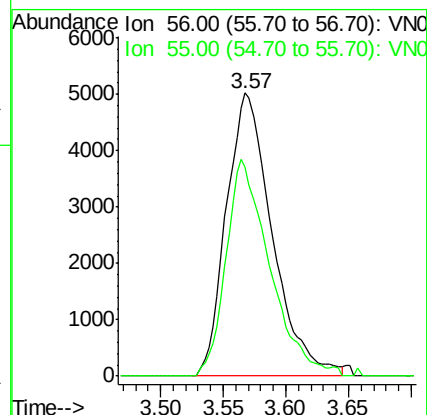
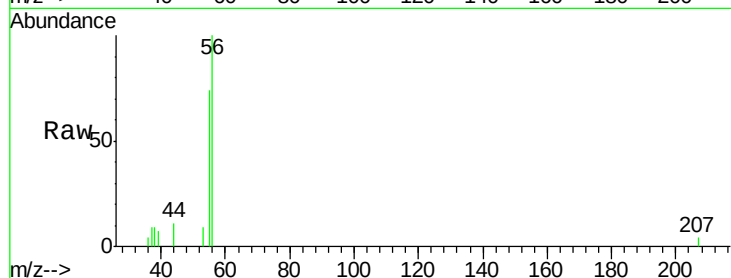
VN0811WBS01

Tot Ion: 56 Resp: 12757

Ion Ratio Lower Upper

56 100

55 73.0 57.0 85.6



#14

Allyl chloride

Concen: 17.637 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

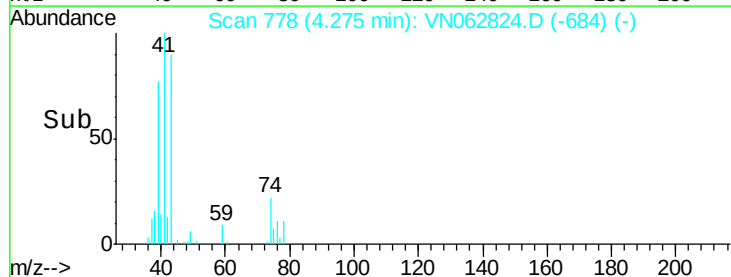
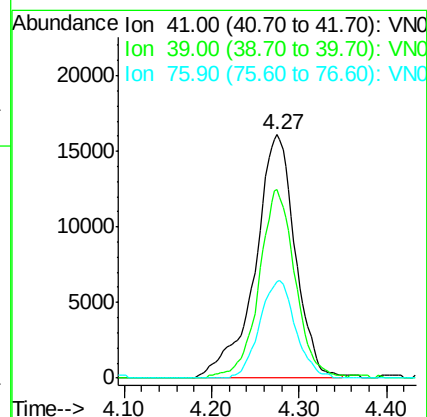
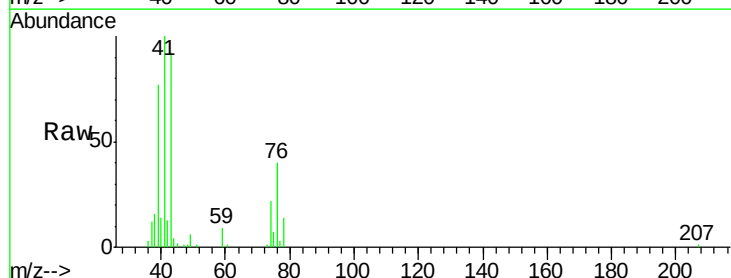
Tgt Ion: 41 Resp: 51273

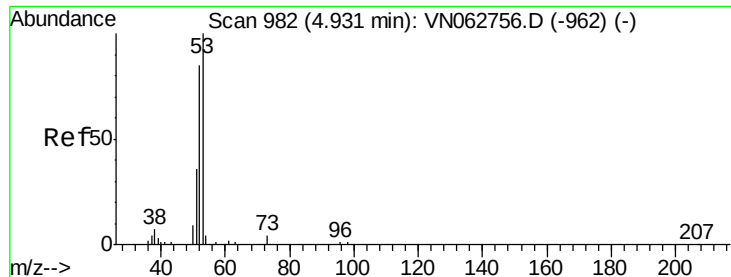
Ion Ratio Lower Upper

41 100

39 69.7 55.7 83.5

76 35.8 27.5 41.3





#15

Acrylonitrile

Concen: 93.732 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBS01

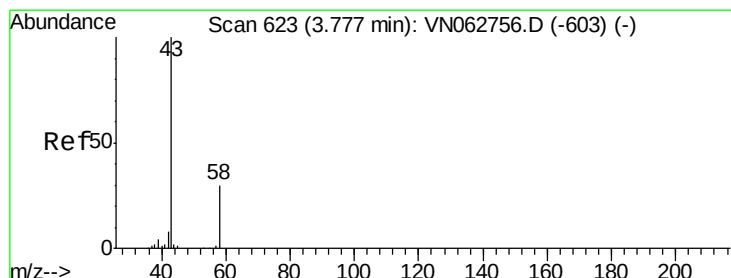
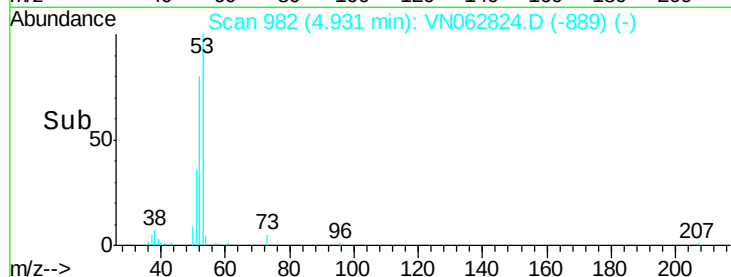
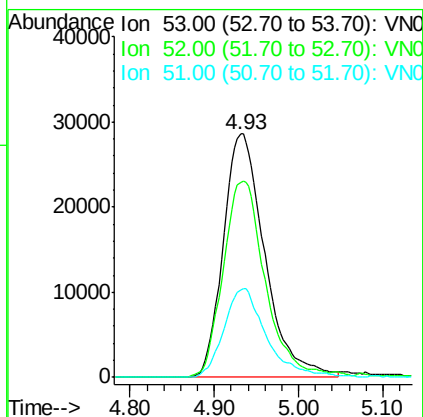
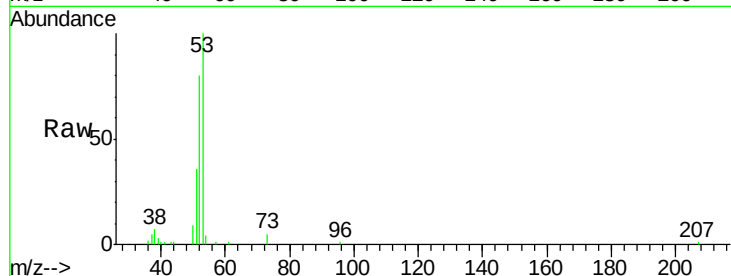
Tot Ion: 53 Resp: 97839

Ion Ratio Lower Upper

53 100

52 81.3 66.8 100.2

51 36.6 29.5 44.3



#16

Acetone

Concen: 104.987 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062824.D

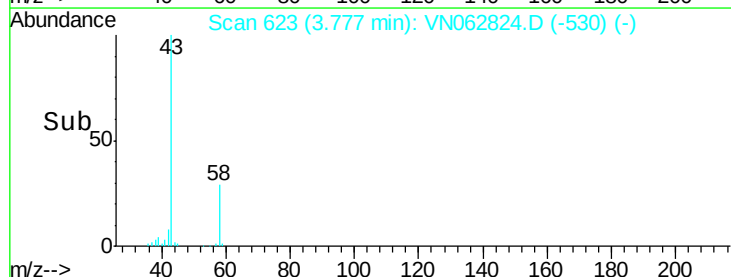
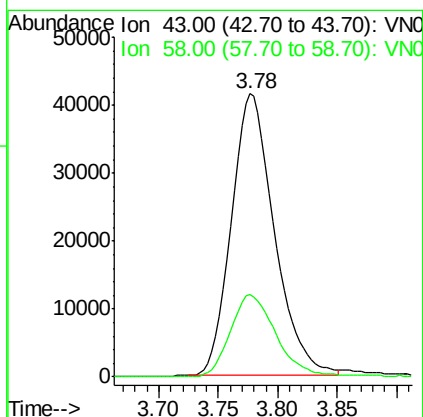
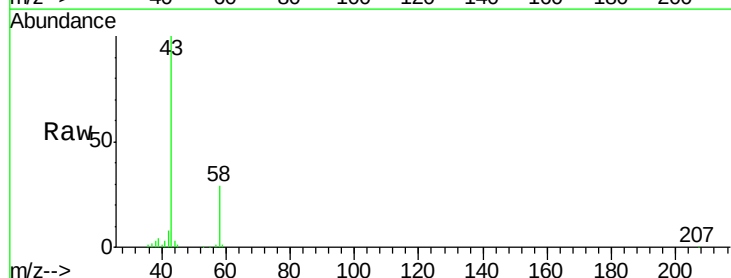
Acq: 11 Aug 2020 12:39

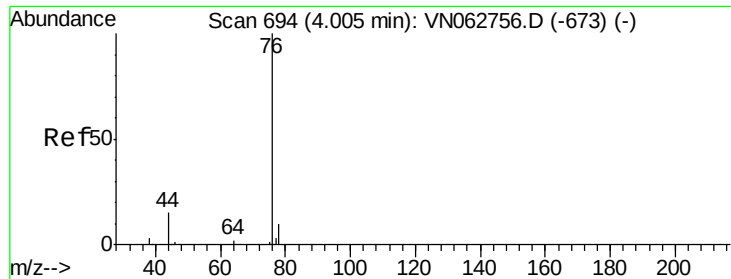
Tgt Ion: 43 Resp: 104166

Ion Ratio Lower Upper

43 100

58 29.3 24.1 36.1





#17

Carbon Disulfide

Concen: 18.383 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

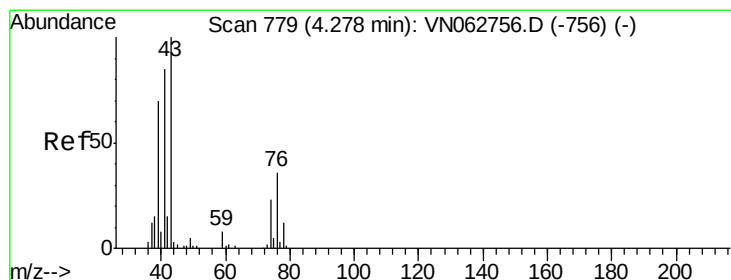
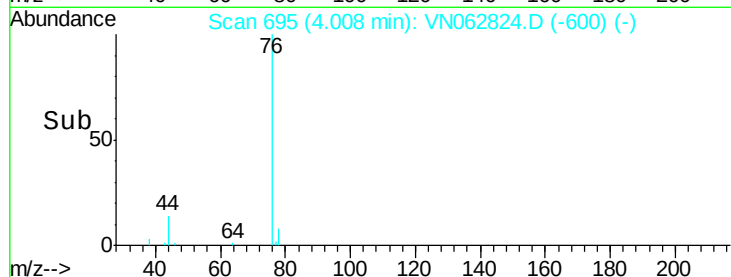
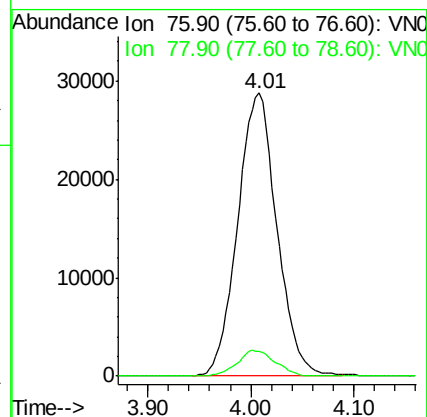
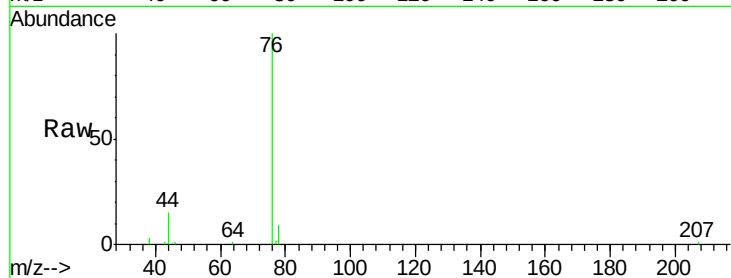
VN0811WBS01

Tot Ion: 76 Resp: 76161

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5



#18

Methyl Acetate

Concen: 18.731 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062824.D

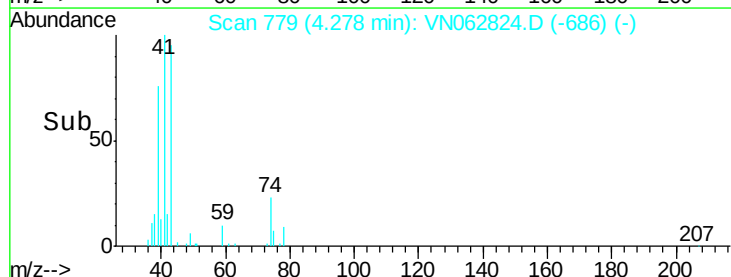
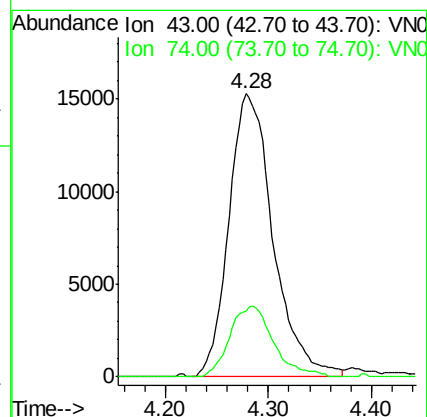
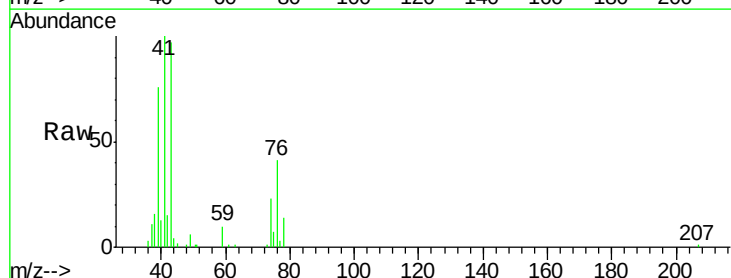
Acq: 11 Aug 2020 12:39

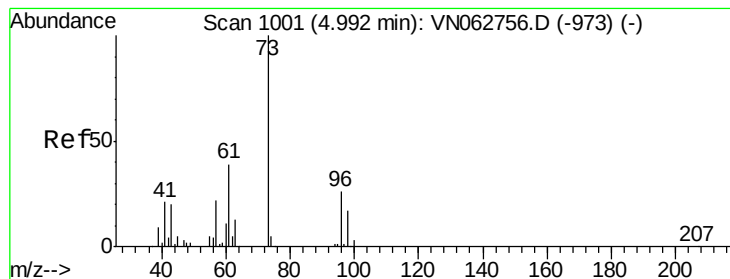
Tgt Ion: 43 Resp: 45613

Ion Ratio Lower Upper

43 100

74 24.8 18.6 28.0





#19

Methvl tert-butvl Ether

Concen: 19.468 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

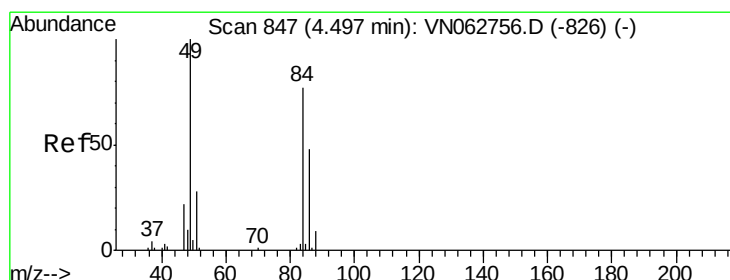
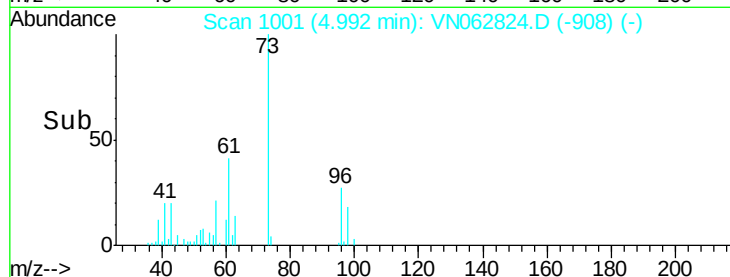
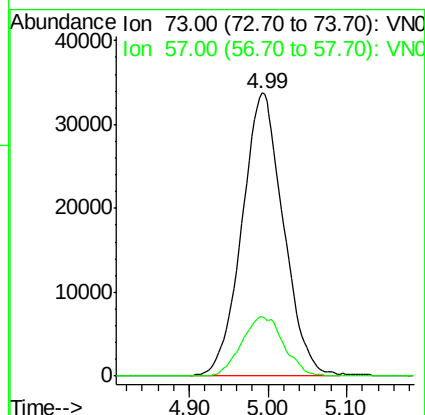
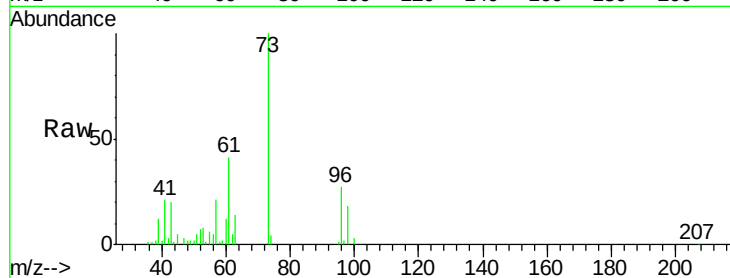
VN0811WBS01

Tot Ion: 73 Resp: 125238

Ion Ratio Lower Upper

73 100

57 20.9 17.5 26.3



#20

Methylene Chloride

Concen: 20.729 ug/l

RT: 4.50 min Scan# 847

Delta R.T. 0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Tgt Ion: 84 Resp: 38447

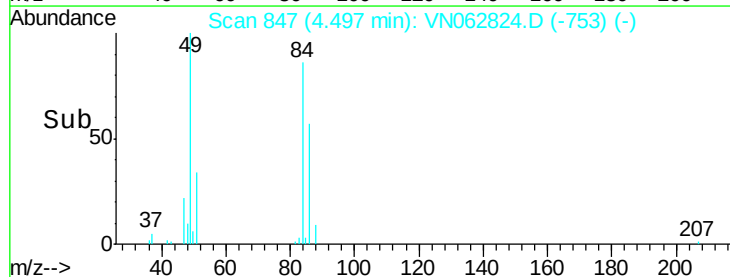
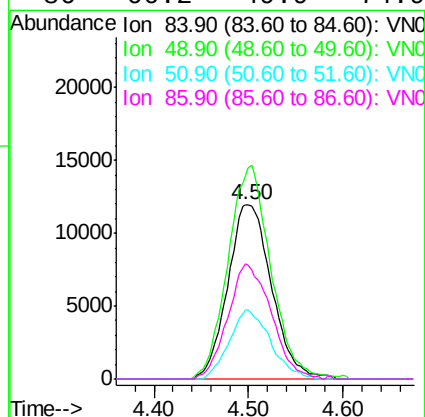
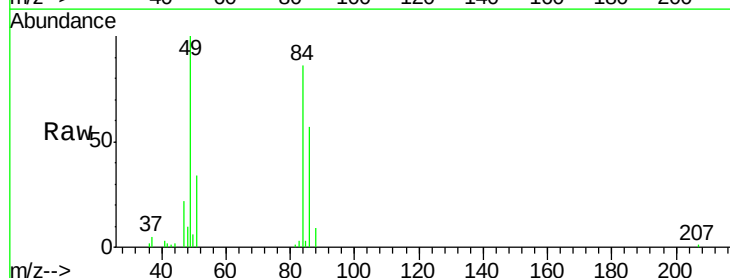
Ion Ratio Lower Upper

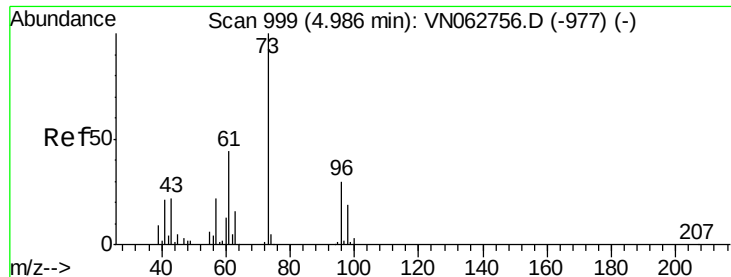
84 100

49 116.6 103.4 155.2

51 39.6 29.3 43.9

86 66.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.213 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBS01

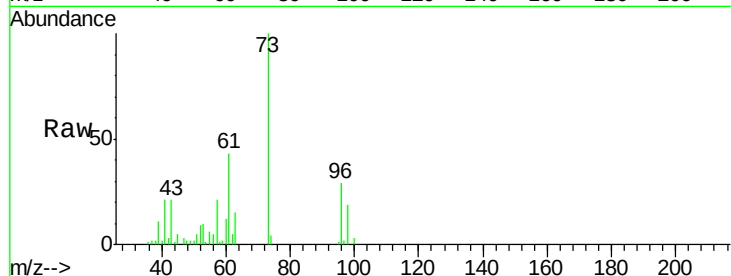
Tot Ion: 96 Resp: 30263

Ion Ratio Lower Upper

96 100

61 147.6 118.8 178.2

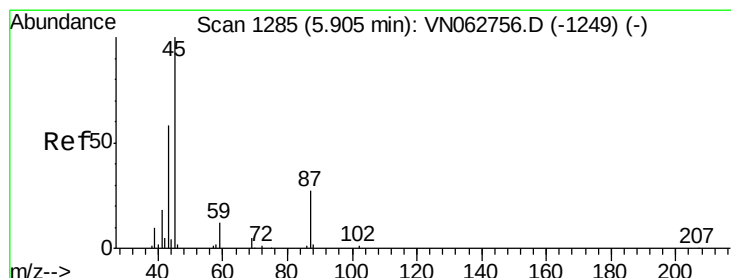
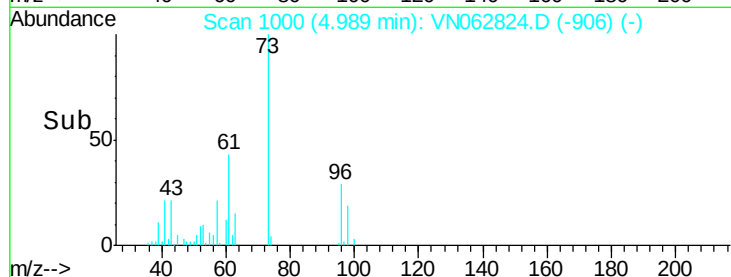
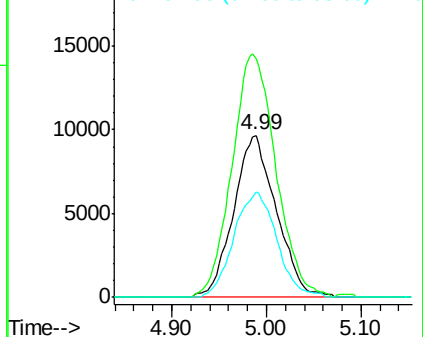
98 65.2 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062824.D (-1000) (-)

Ion 60.90 (60.60 to 61.60): VN062824.D (-1000) (-)

Ion 97.90 (97.60 to 98.60): VN062824.D (-1000) (-)



#22

Diisopropyl ether

Concen: 19.302 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Tgt Ion: 45 Resp: 119451

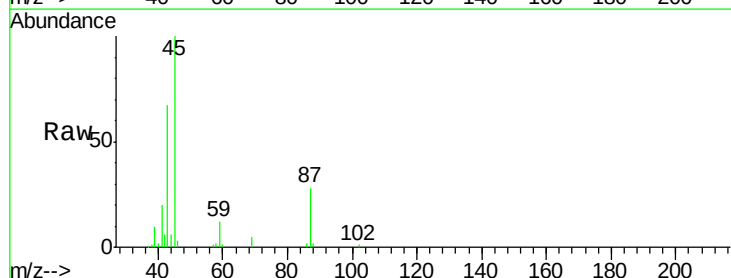
Ion Ratio Lower Upper

45 100

43 64.5 47.4 71.2

87 28.3 22.8 34.2

59 12.1 9.9 14.9

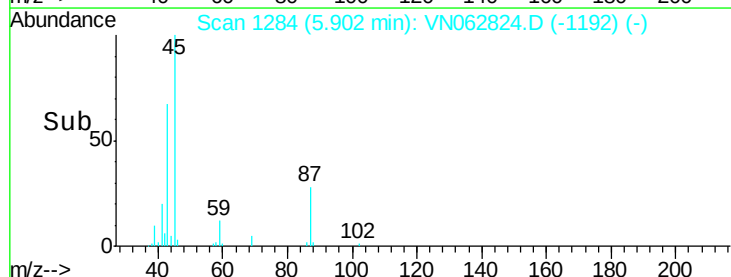
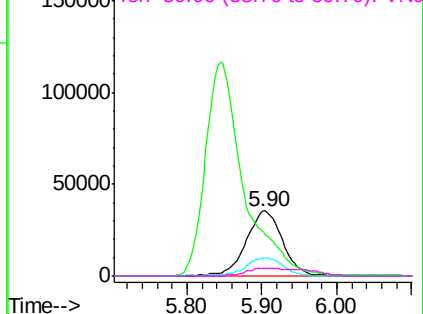


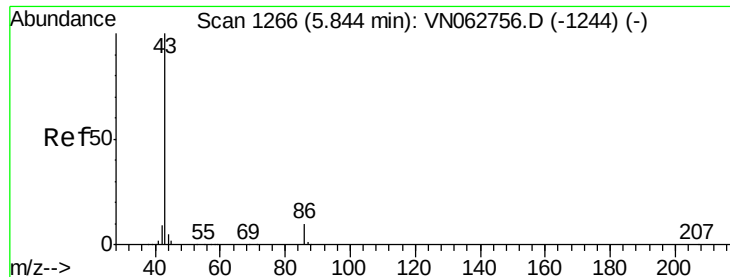
Abundance Ion 45.00 (44.70 to 45.70): VN062824.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN062824.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN062824.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN062824.D (-1192) (-)

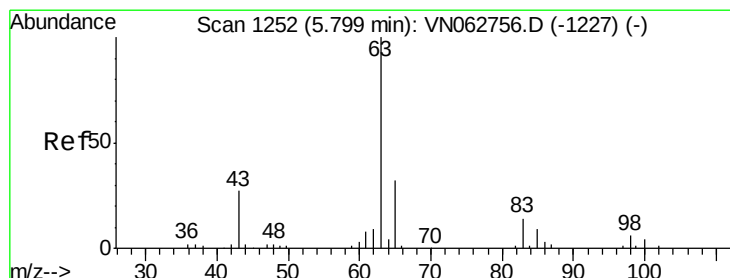
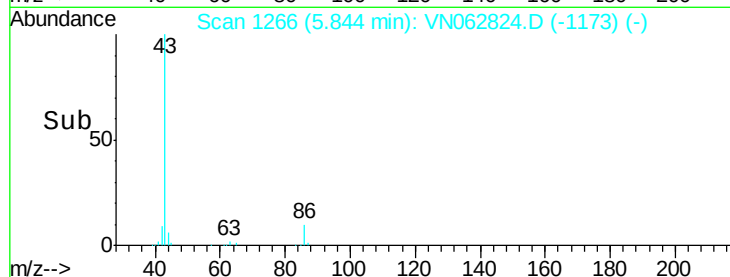
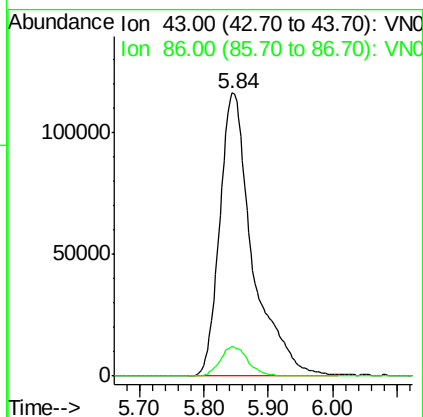
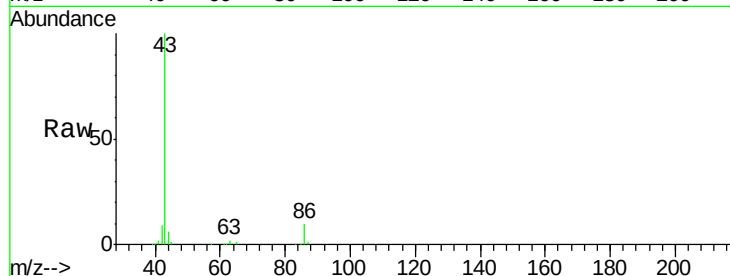




#23
 Vinyl Acetate
 Concen: 87.671 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

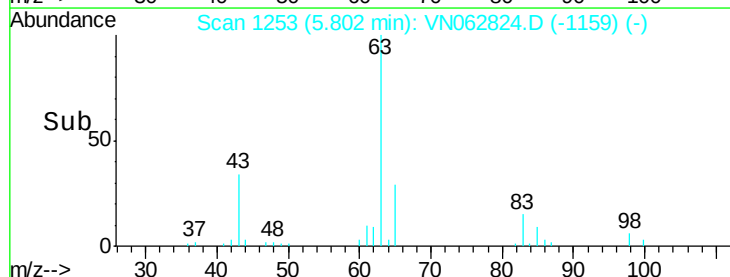
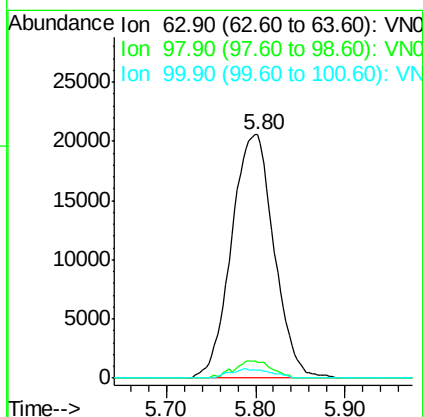
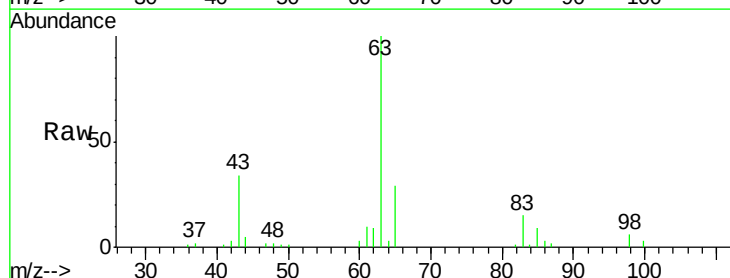
Instrument :
 MSVOA_N
 ClientSampled :
 VN0811WBS01

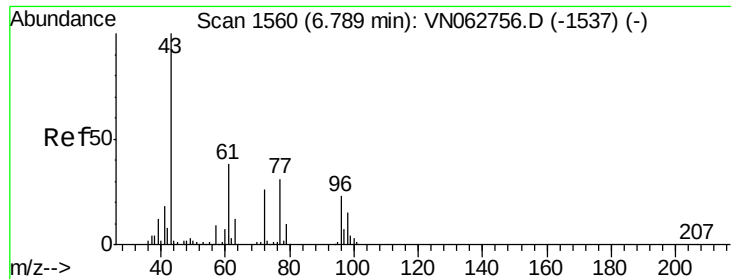
Tot Ion: 43 Resp: 412680
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 18.739 ug/l
 RT: 5.80 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

Tgt Ion: 63 Resp: 67960
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.0 9.2
 100 3.2 1.9 5.7





#25

2-Butanone

Concen: 96.848 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

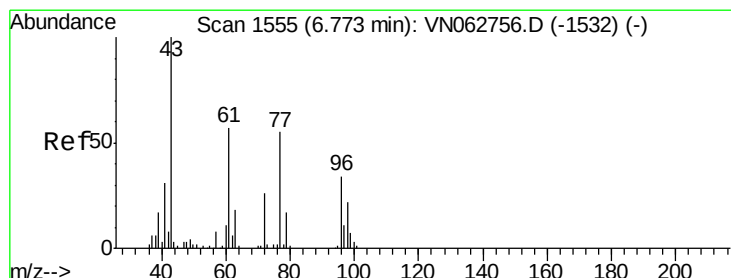
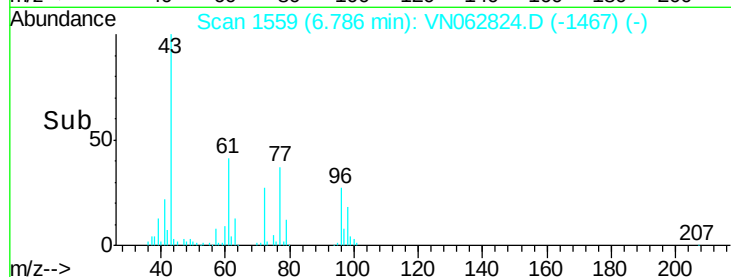
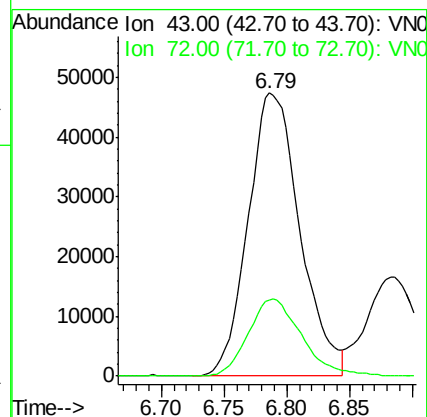
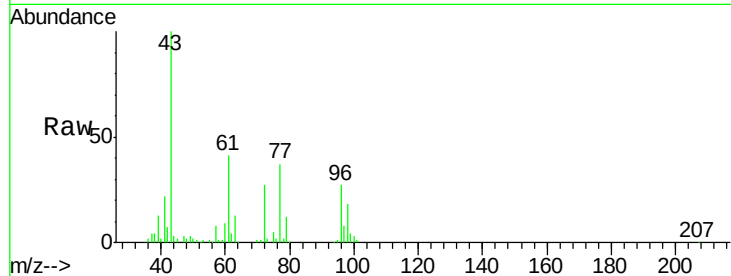
VN0811WBS01

Tot Ion: 43 Resp: 136094

Ion Ratio Lower Upper

43 100

72 27.0 21.1 31.7



#26

2,2-Dichloropropane

Concen: 19.857 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062824.D

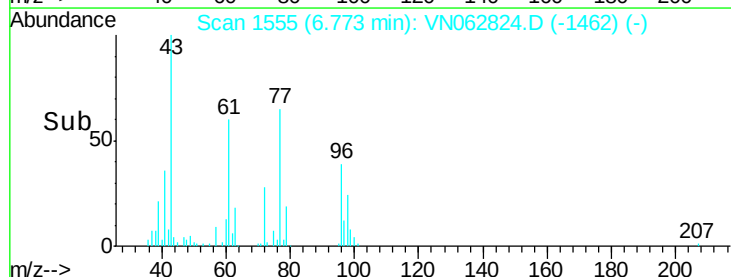
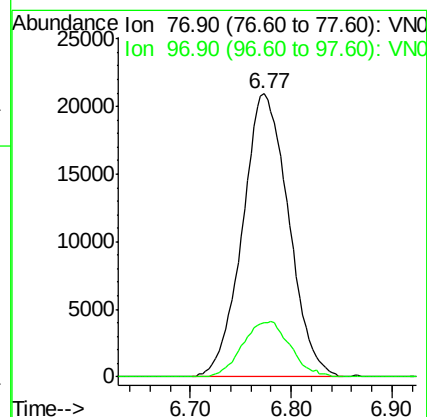
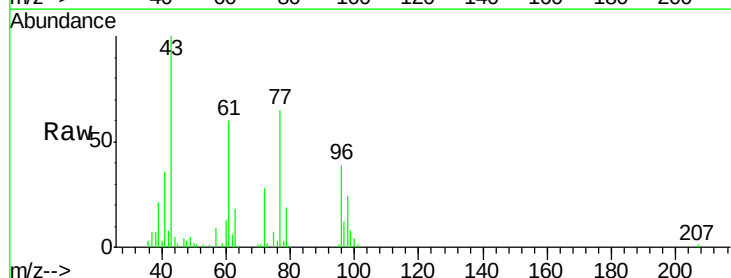
Acq: 11 Aug 2020 12:39

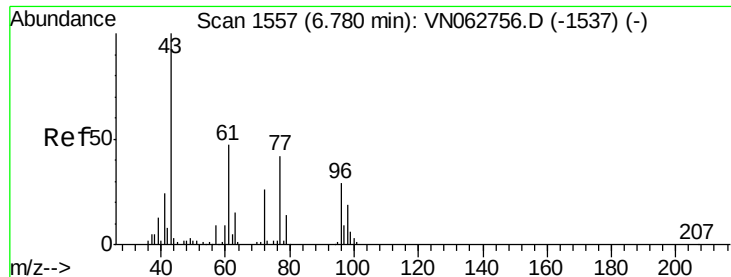
Tgt Ion: 77 Resp: 66382

Ion Ratio Lower Upper

77 100

97 20.2 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.555 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampled :

VN0811WBS01

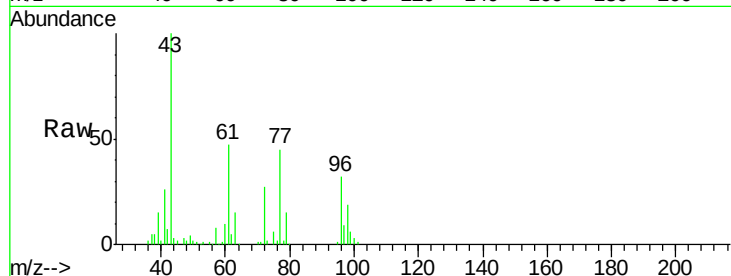
Tot Ion: 96 Resp: 38979

Ion Ratio Lower Upper

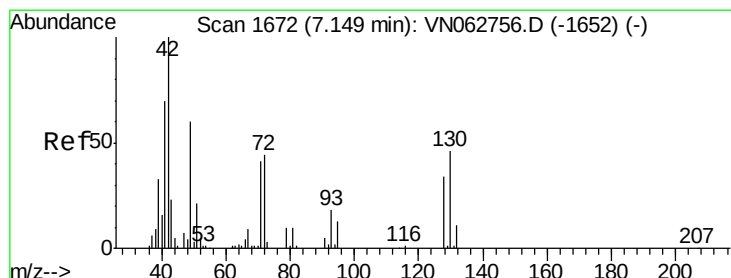
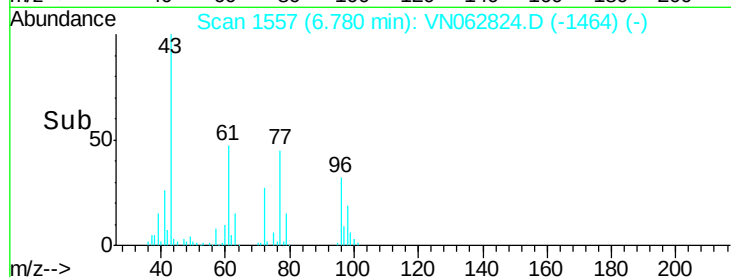
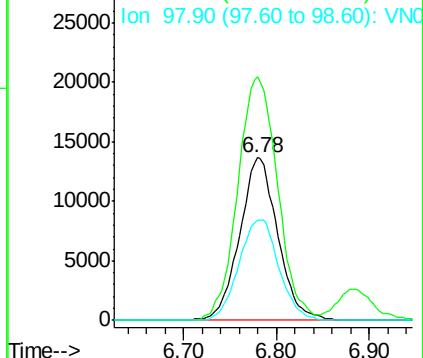
96 100

61 155.9 0.0 332.2

98 64.7 0.0 129.4



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



#28

Bromochloromethane

Concen: 19.596 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

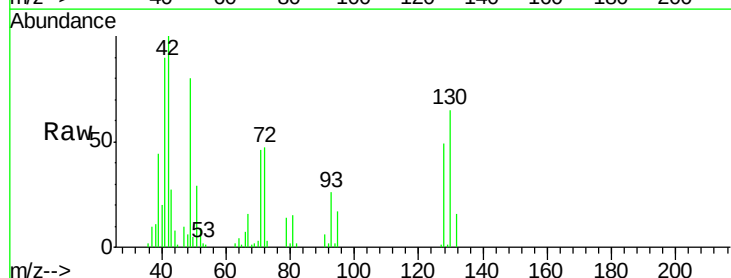
Tgt Ion: 49 Resp: 34299

Ion Ratio Lower Upper

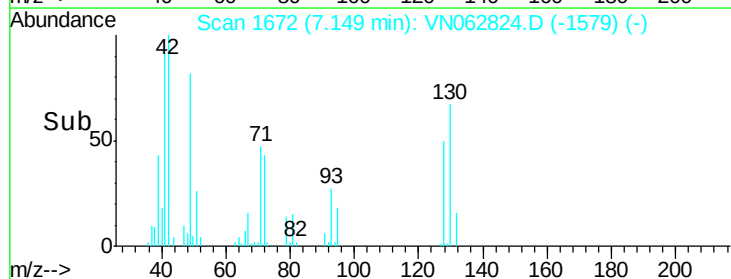
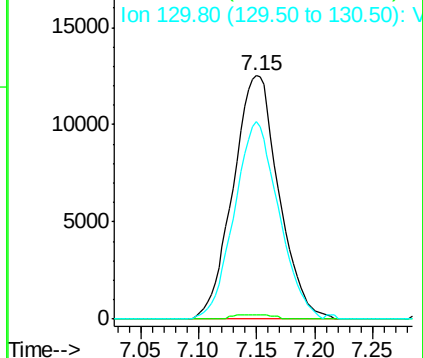
49 100

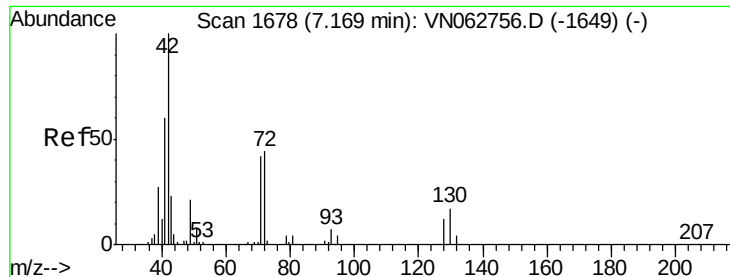
129 0.8 0.0 3.2

130 78.8 59.0 88.6



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

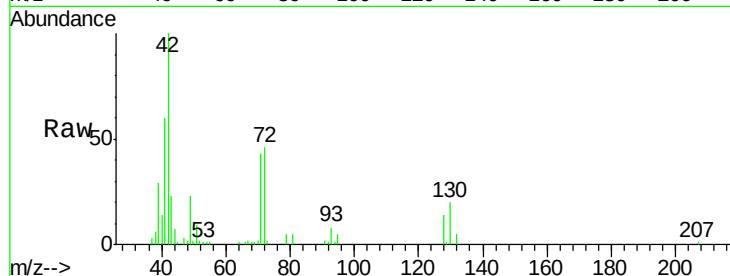




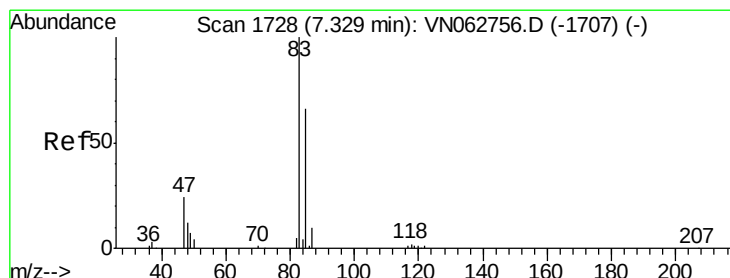
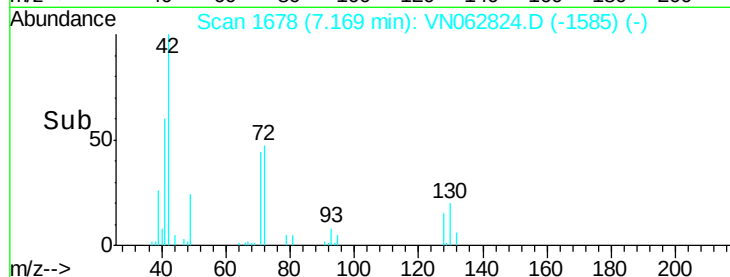
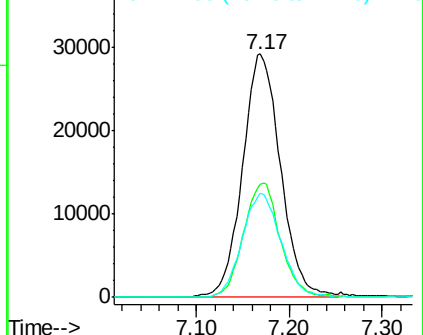
#29
Tetrahydrofuran
Concen: 91.303 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Tot Ion: 42 Resp: 83354
Ion Ratio Lower Upper
42 100
72 44.9 35.0 52.4
71 43.6 33.2 49.8

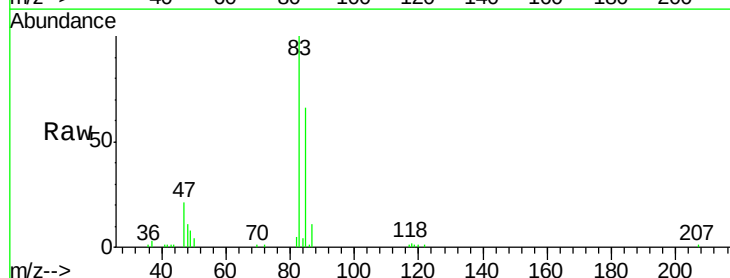


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

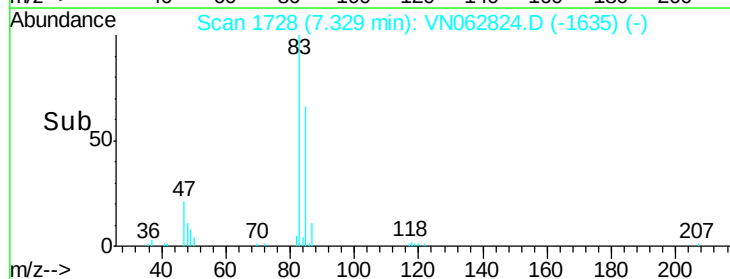
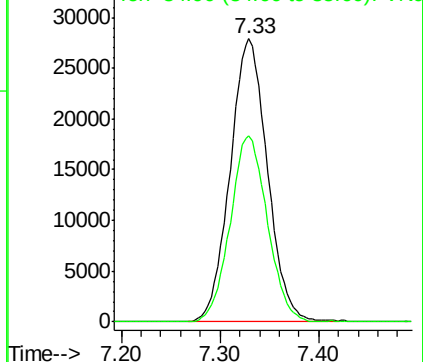


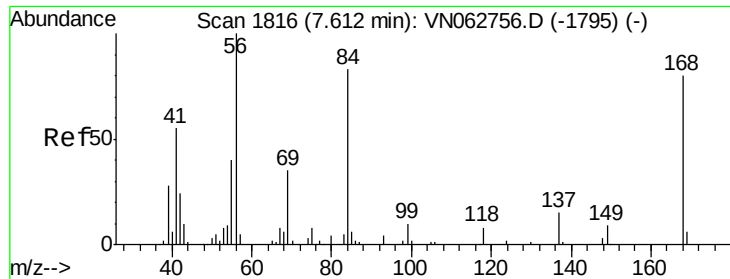
#30
Chloroform
Concen: 19.038 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Tgt Ion: 83 Resp: 73376
Ion Ratio Lower Upper
83 100
85 65.8 52.7 79.1



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

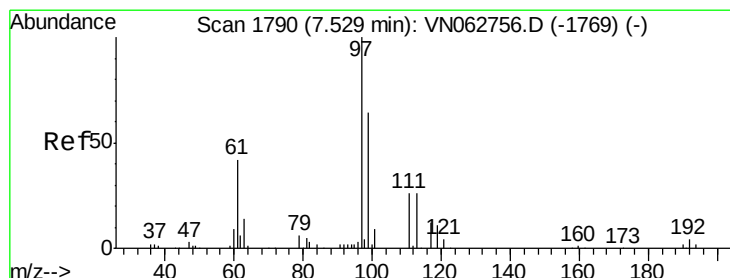
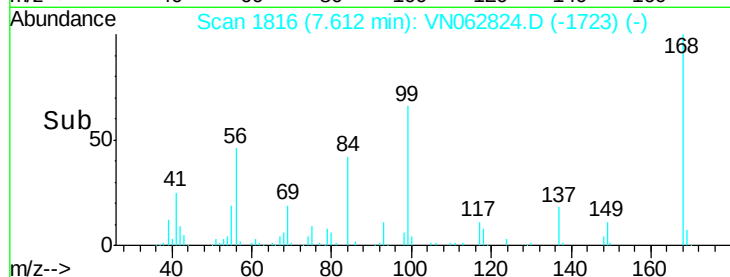
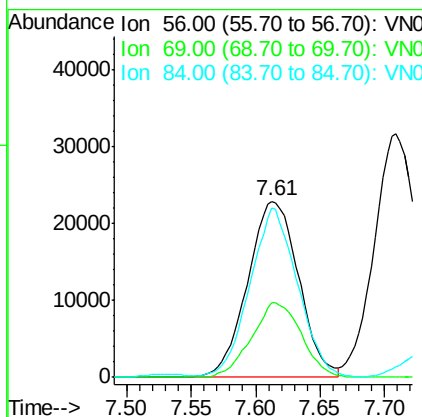
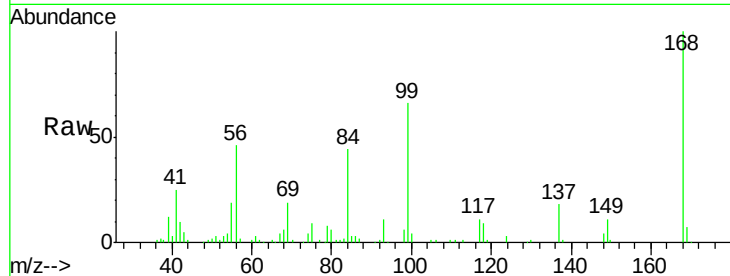




#31
Cyclohexane
Concen: 18.918 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

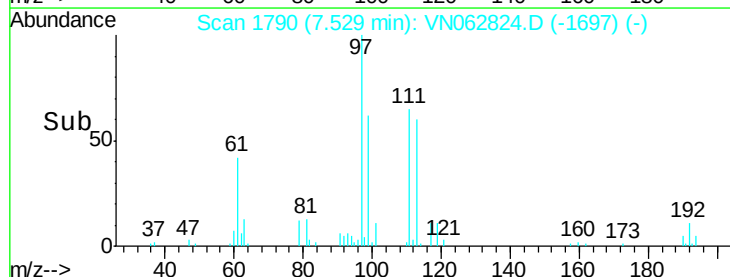
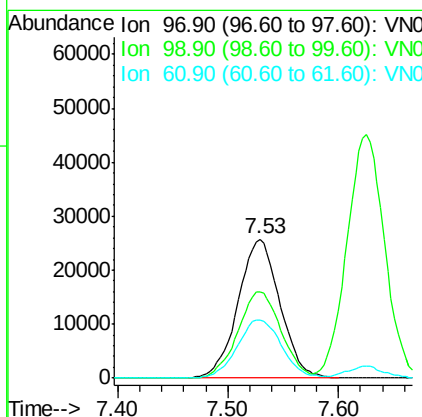
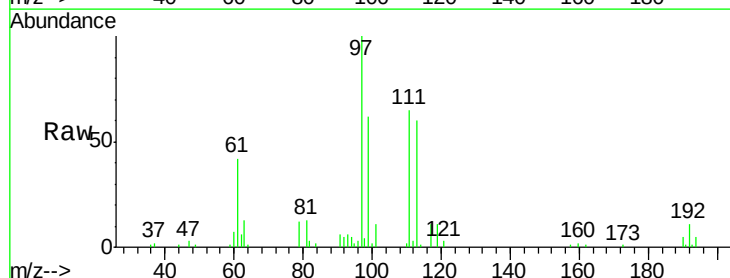
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

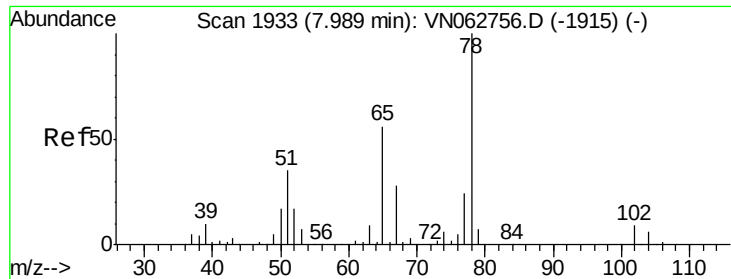
Tot Ion: 56 Resp: 62980
Ion Ratio Lower Upper
56 100
69 42.1 28.1 42.1#
84 95.3 66.8 100.2



#32
1,1,1-Trichloroethane
Concen: 19.602 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Tgt Ion: 97 Resp: 67546
Ion Ratio Lower Upper
97 100
99 64.0 50.0 75.0
61 44.3 34.8 52.2

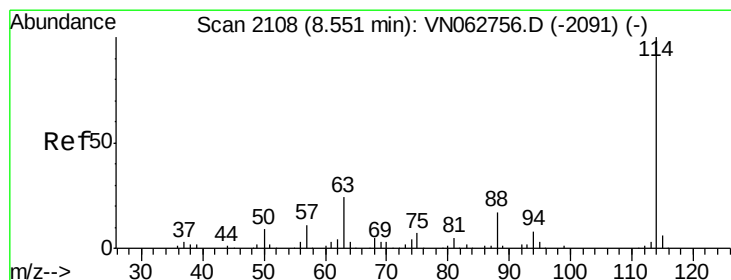
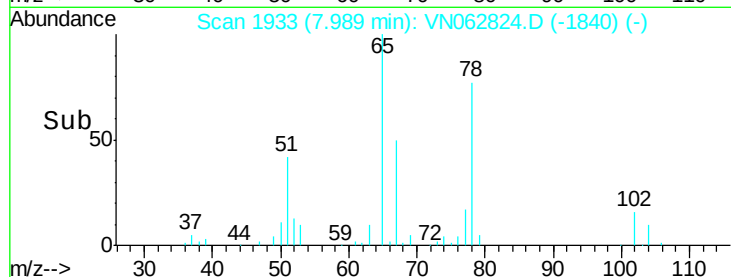
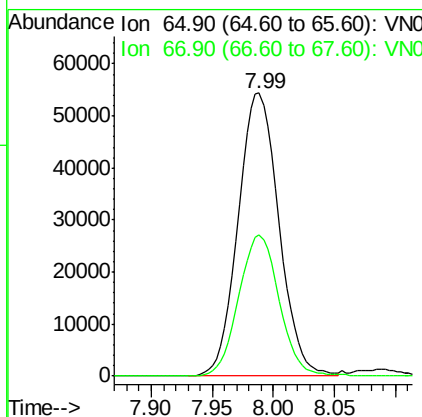
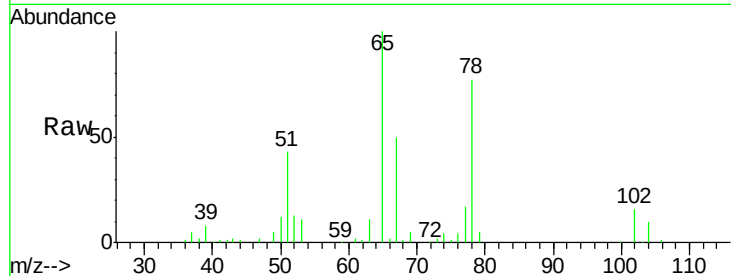




#33
 1,2-Dichloroethane-d4
 Concen: 45.930 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

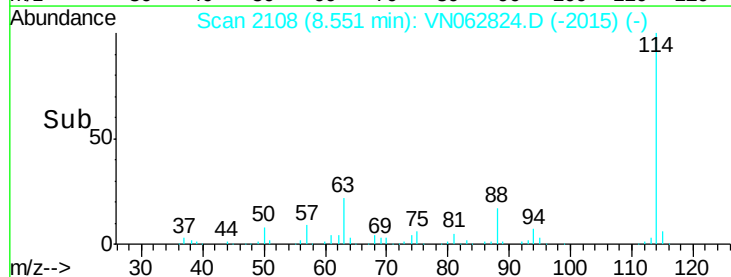
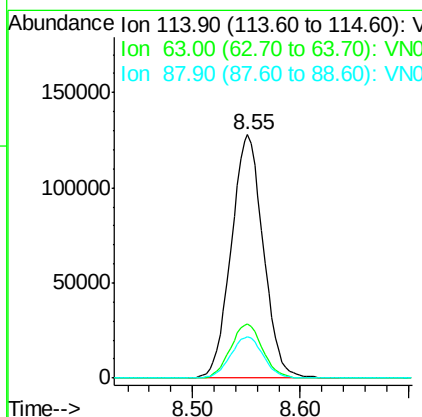
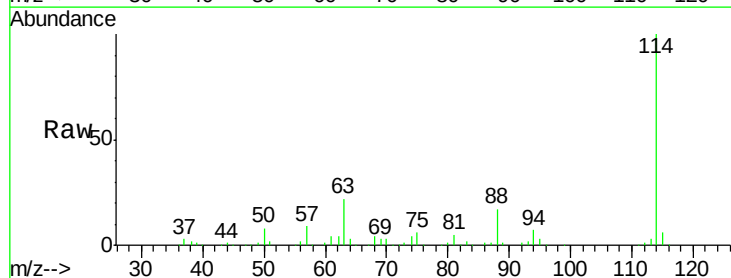
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBS01

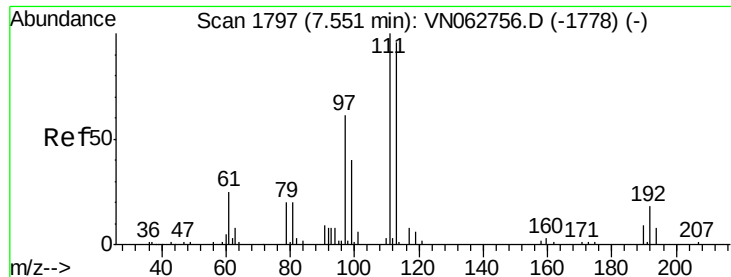
Tot Ion: 65 Resp: 126117
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

Tgt Ion: 114 Resp: 264537
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 47.6
 88 16.9 0.0 34.4

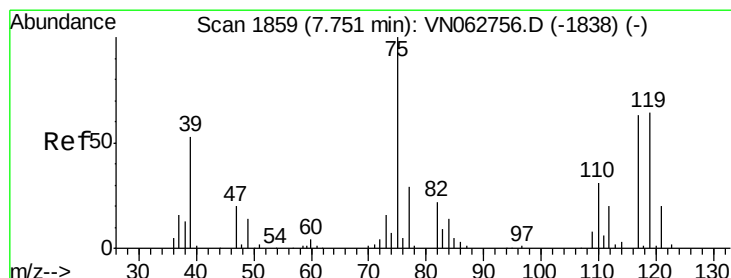
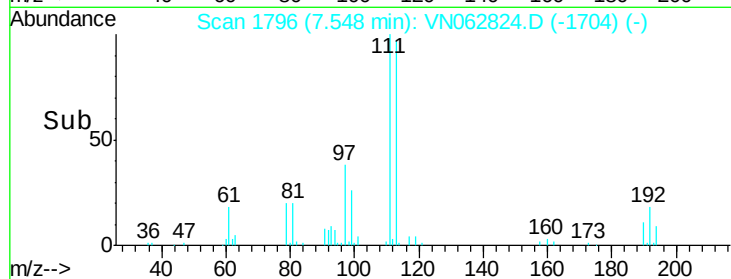
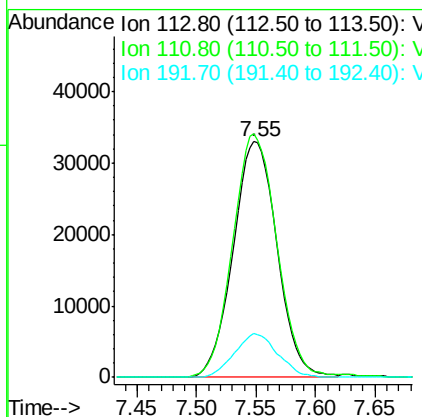
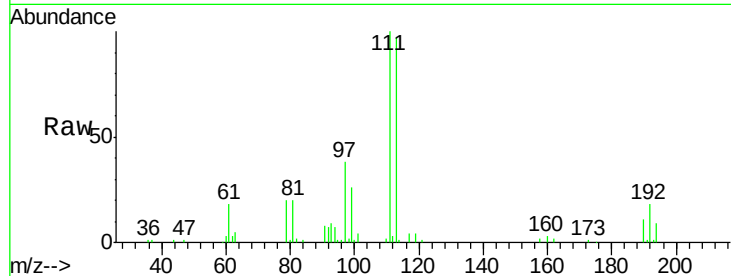




#35
 Dibromofluoromethane
 Concen: 46.615 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

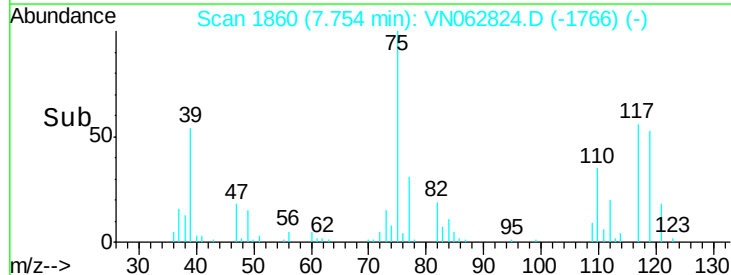
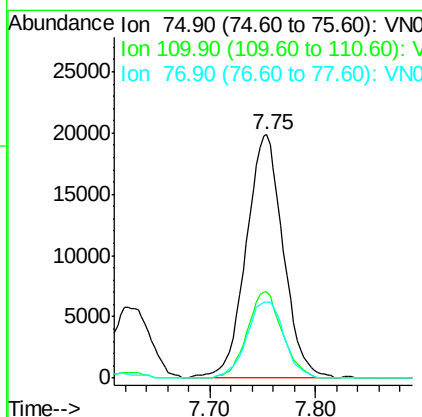
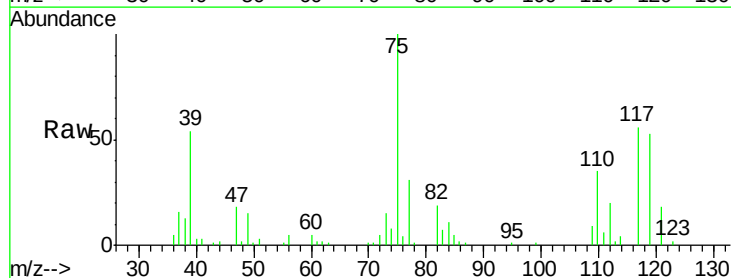
Instrument :
 MSVOA_N
 ClientSampled :
 VN0811WBS01

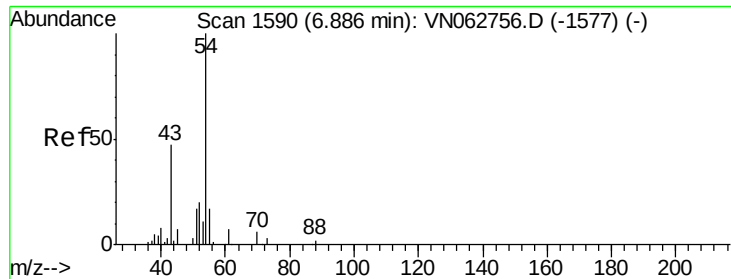
Tot Ion:113 Resp: 84353
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.8 122.6
 192 18.2 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 18.864 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

Tgt Ion: 75 Resp: 48590
 Ion Ratio Lower Upper
 75 100
 110 33.6 15.6 46.7
 77 31.6 24.1 36.1

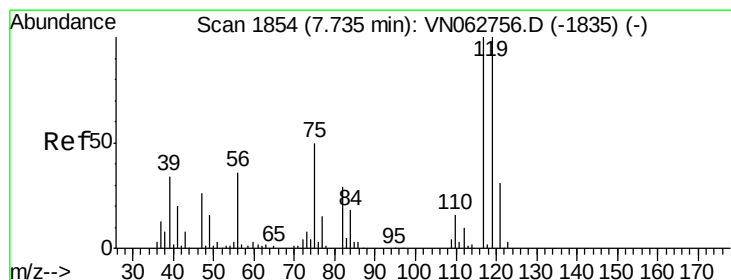
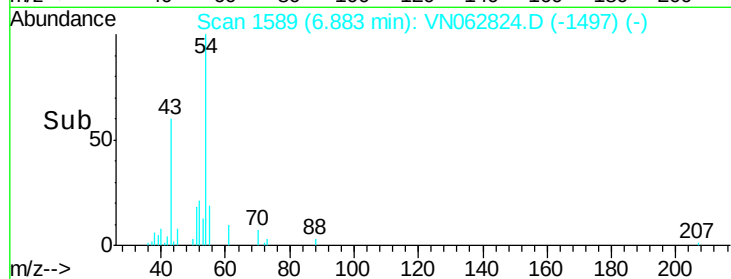
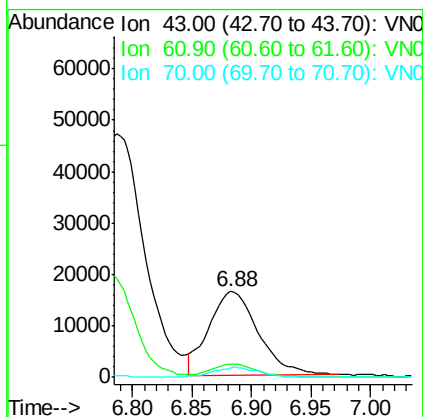
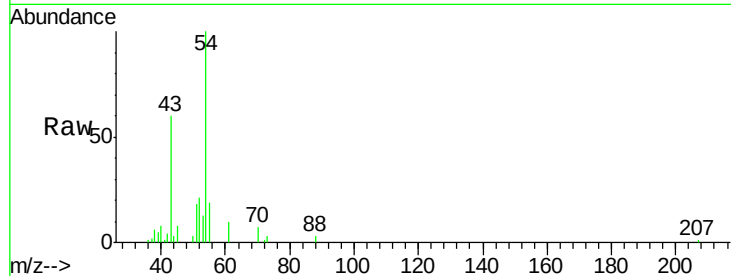




#37
Ethyl Acetate
Concen: 17.598 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

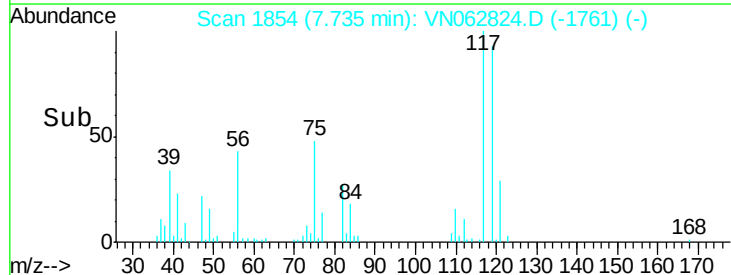
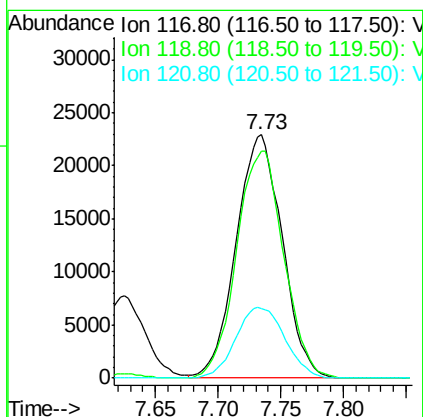
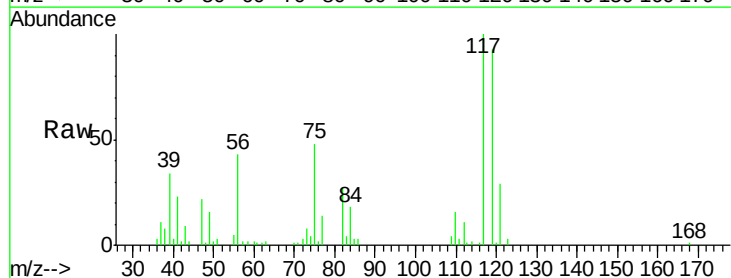
Instrument :
MSVOA_N
ClientSampled :
VN0811WBS01

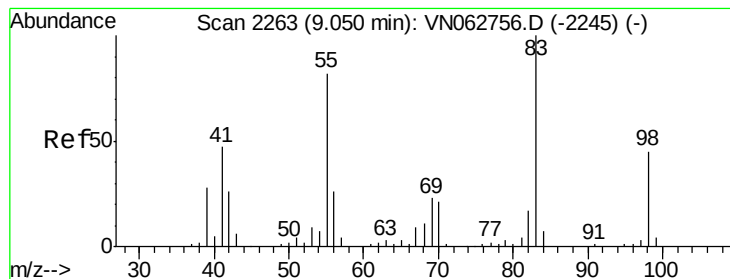
Tot Ion: 43 Resp: 47352
Ion Ratio Lower Upper
43 100
61 15.5 12.1 18.1
70 10.8 8.3 12.5



#38
Carbon Tetrachloride
Concen: 19.262 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Tgt Ion: 117 Resp: 58680
Ion Ratio Lower Upper
117 100
119 93.2 79.4 119.2
121 28.8 24.9 37.3





#39

Methylvlcyclohexane

Concen: 18.975 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBS01

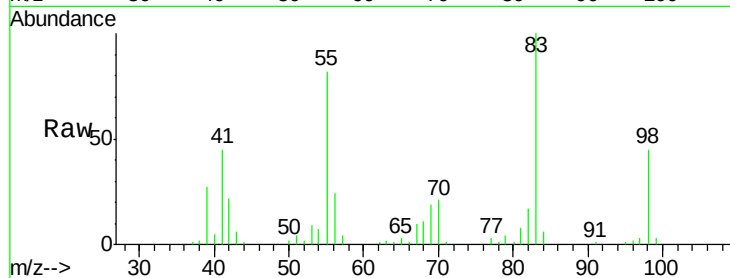
Tot Ion: 83 Resp: 58821

Ion Ratio Lower Upper

83 100

55 81.9 65.7 98.5

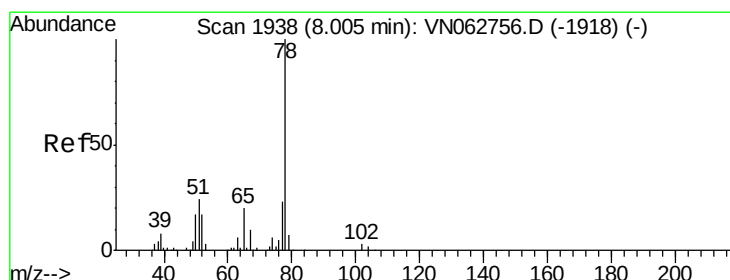
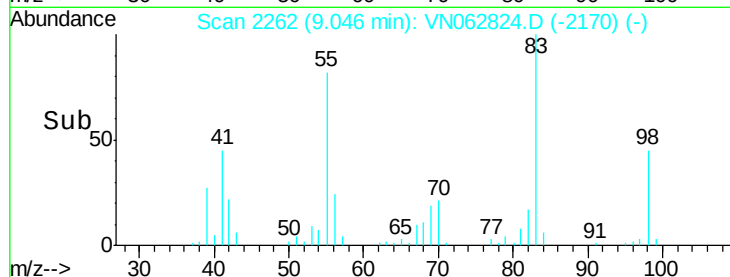
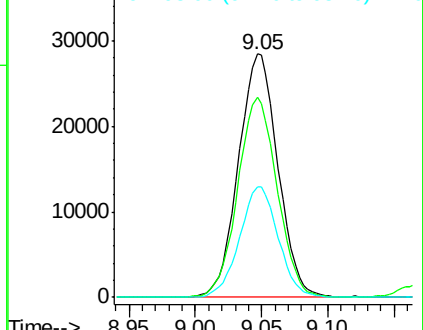
98 45.2 35.6 53.4



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 19.043 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN062824.D

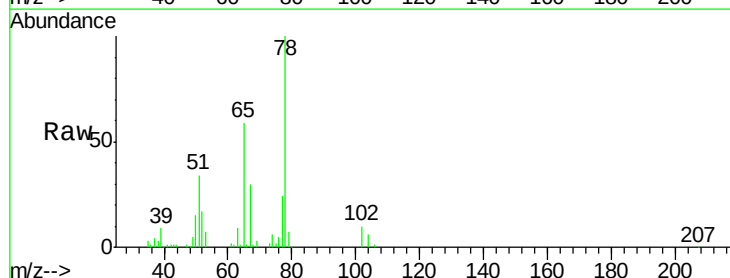
Acq: 11 Aug 2020 12:39

Tgt Ion: 78 Resp: 146371

Ion Ratio Lower Upper

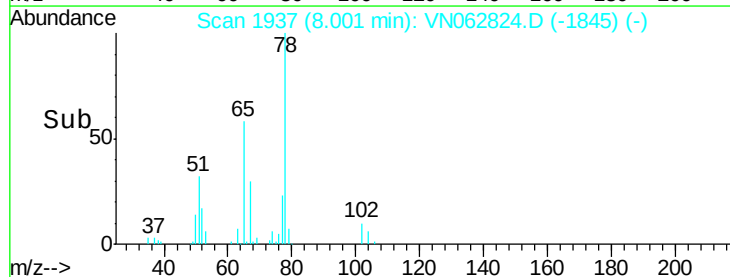
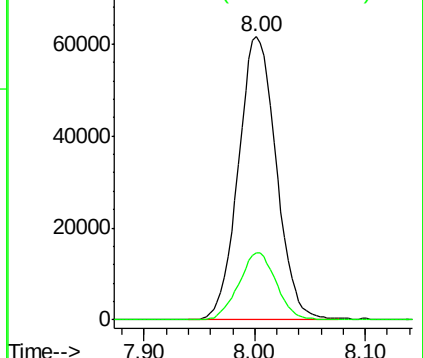
78 100

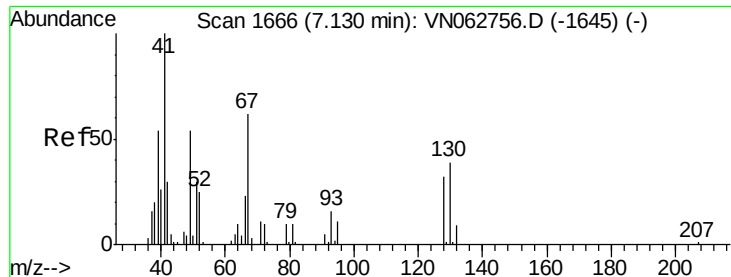
77 23.8 18.1 27.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

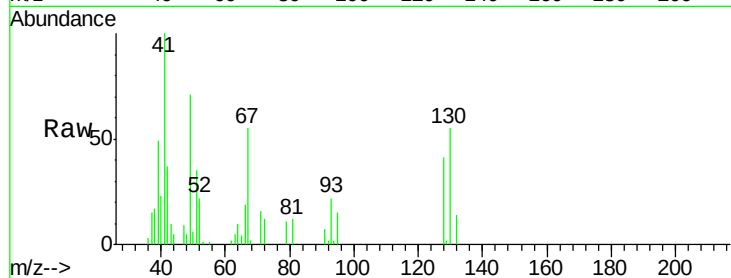




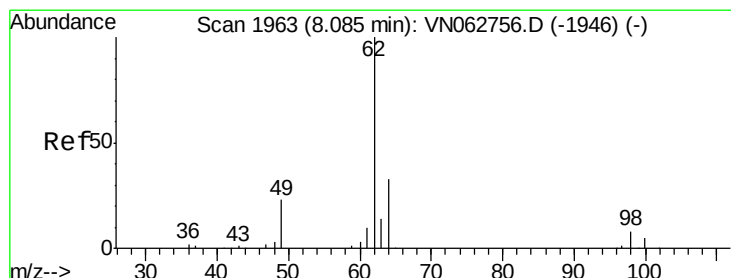
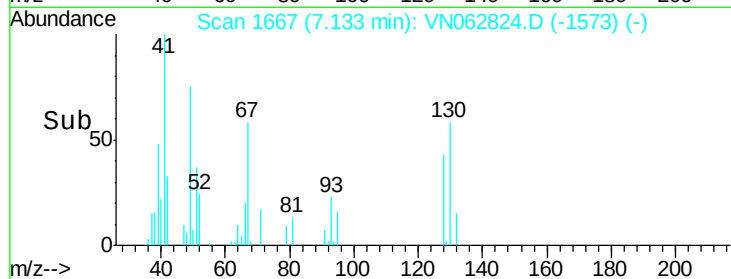
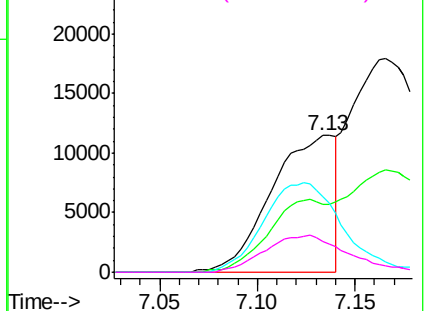
#41
Methacrylonitrile
Concen: 21.369 ug/l m
RT: 7.13 min Scan# 1667
Delta R.T. 0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Tot Ion:	41	Resp:	25946
Ion	Ratio	Lower	Upper
41	100		
39	0.0	69.4	104.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

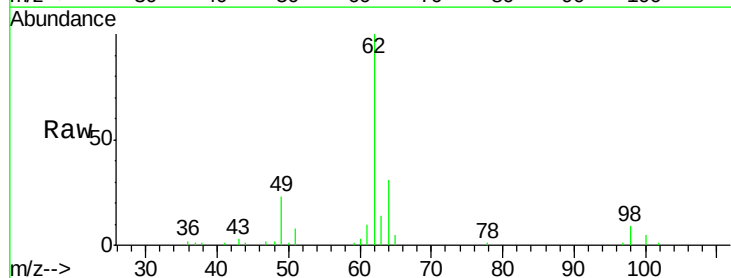


Abundance Ion 41.00 (40.70 to 41.70): VN062756.D (-1645) (-)

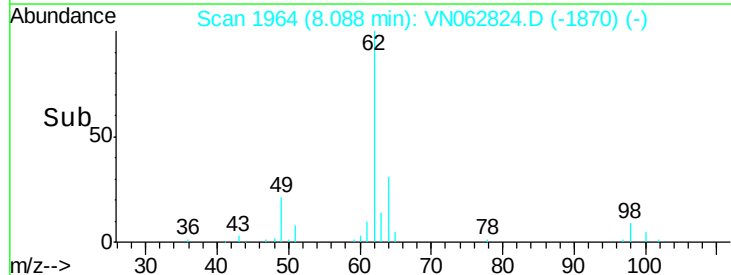
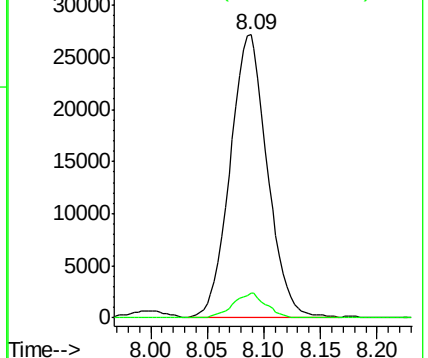


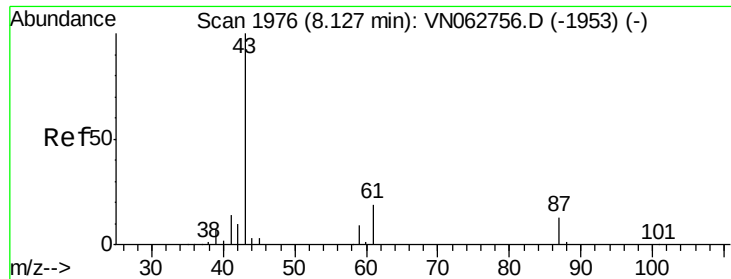
#42
1,2-Dichloroethane
Concen: 19.099 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Tgt Ion:	62	Resp:	62481
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN062756.D (-1946) (-)





#43

Isopropyl Acetate

Concen: 17.764 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBS01

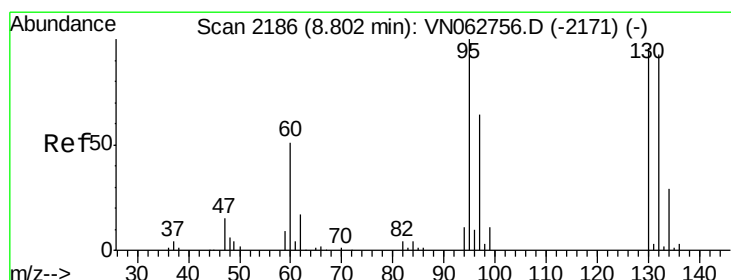
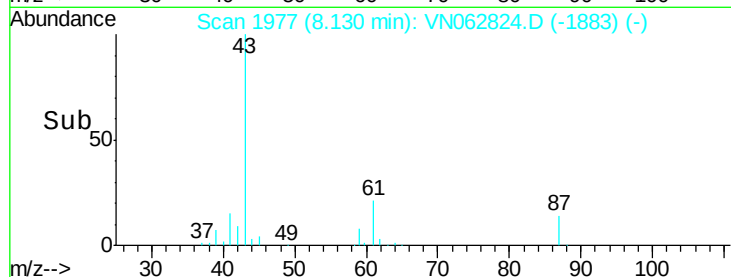
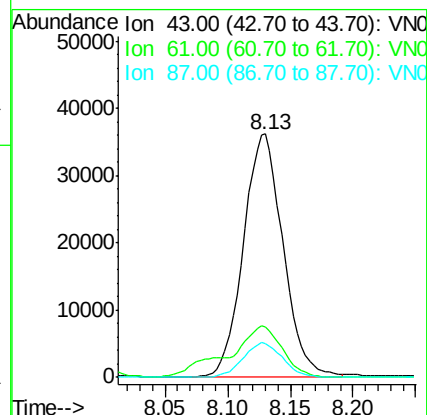
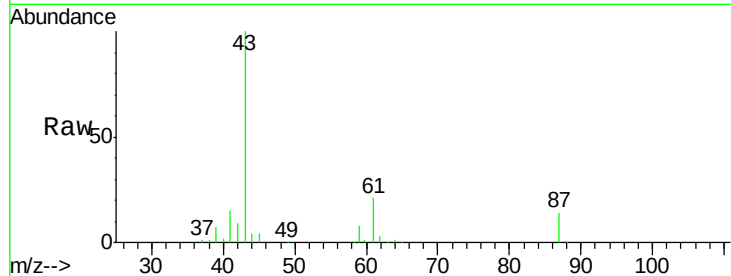
Tot Ion: 43 Resp: 79724

Ion Ratio Lower Upper

43 100

61 21.0 15.8 23.6

87 14.0 9.9 14.9



#44

Trichloroethene

Concen: 19.679 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062824.D

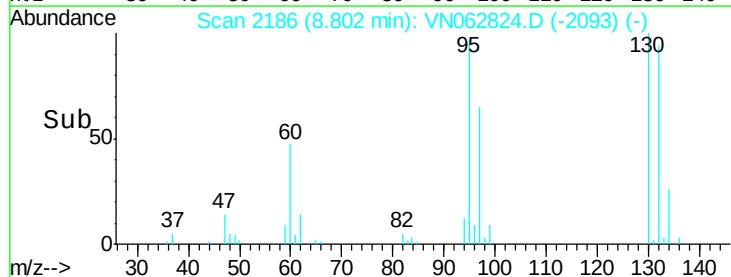
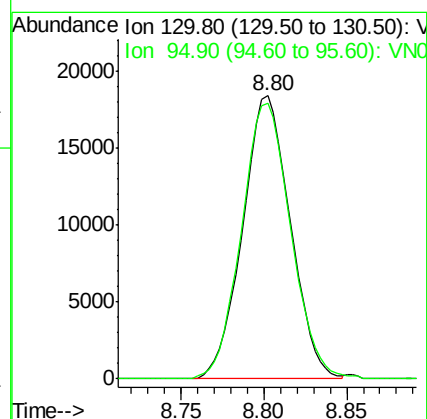
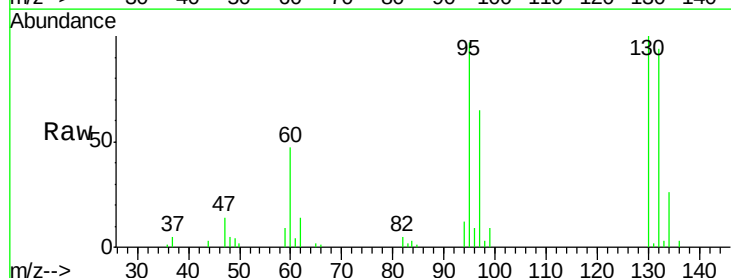
Acq: 11 Aug 2020 12:39

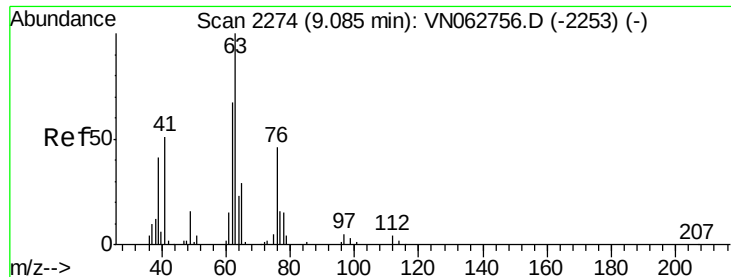
Tgt Ion:130 Resp: 36852

Ion Ratio Lower Upper

130 100

95 97.3 0.0 207.6

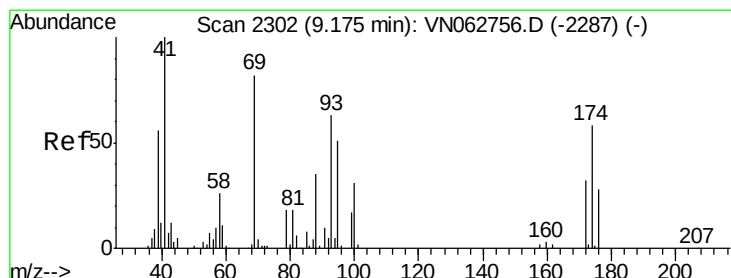
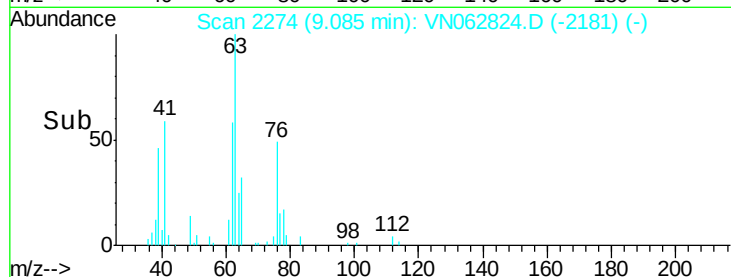
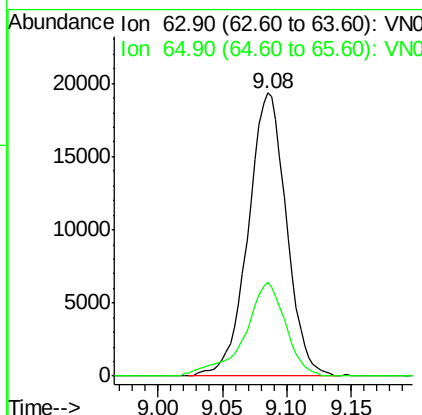
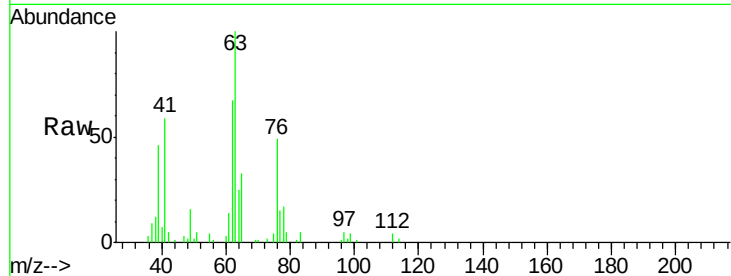




#45
 1,2-Dichloropropane
 Concen: 19.219 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

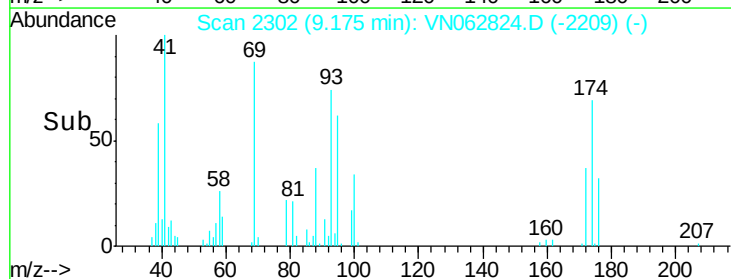
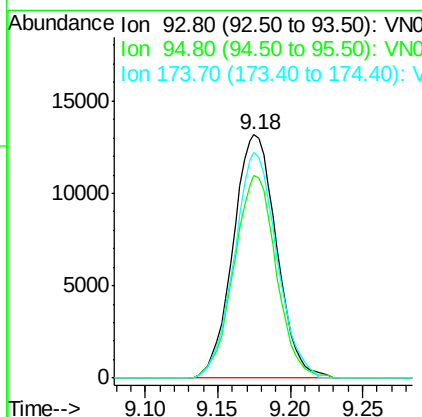
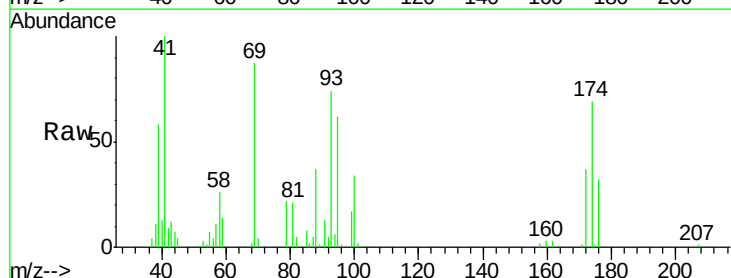
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBS01

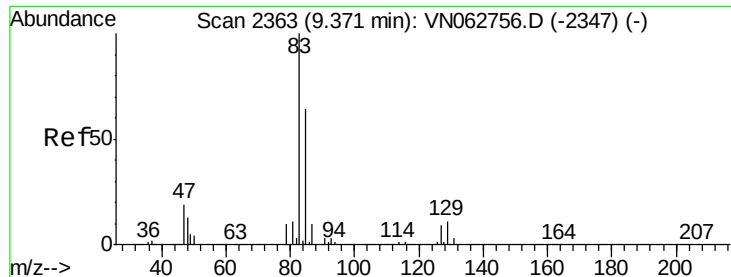
Tot Ion: 63 Resp: 39981
 Ion Ratio Lower Upper
 63 100
 65 33.0 23.5 35.3



#46
 Dibromomethane
 Concen: 20.066 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

Tgt Ion: 93 Resp: 27351
 Ion Ratio Lower Upper
 93 100
 95 81.2 65.1 97.7
 174 91.0 73.9 110.9





#47

Bromodichloromethane

Concen: 19.916 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBS01

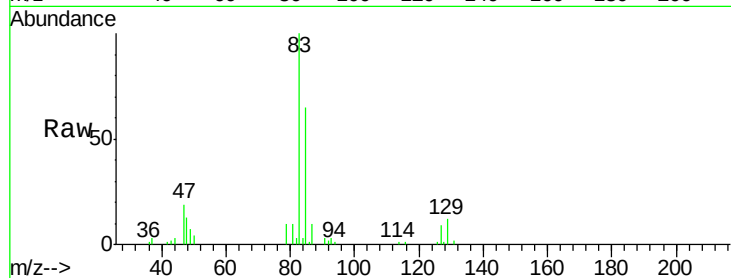
Tot Ion: 83 Resp: 60971

Ion Ratio Lower Upper

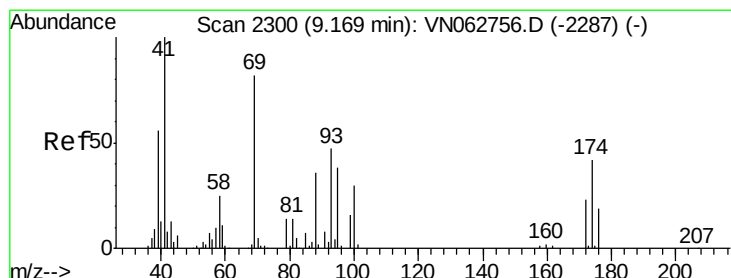
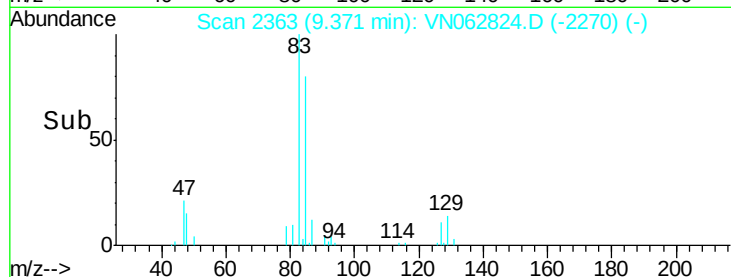
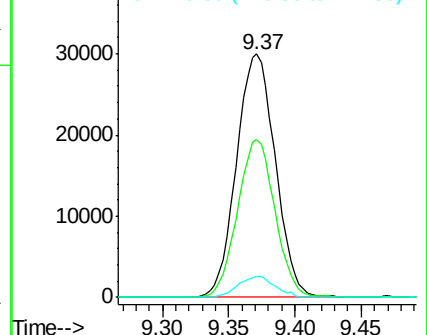
83 100

85 65.1 51.4 77.0

127 8.7 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 17.354 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

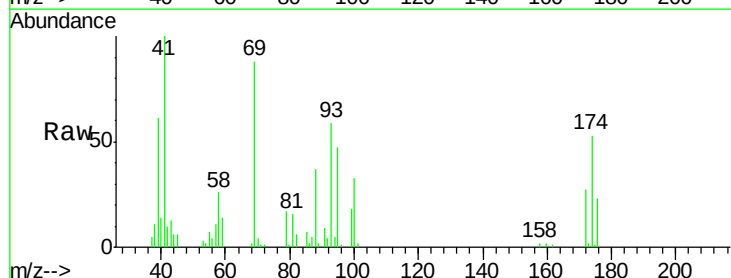
Tgt Ion: 41 Resp: 38309

Ion Ratio Lower Upper

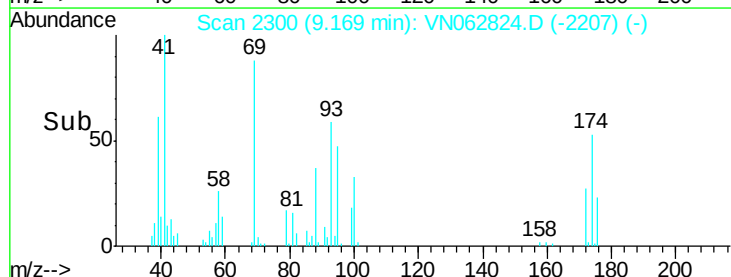
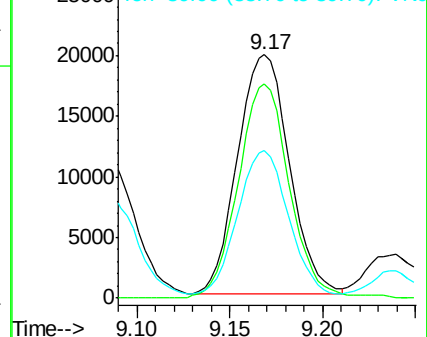
41 100

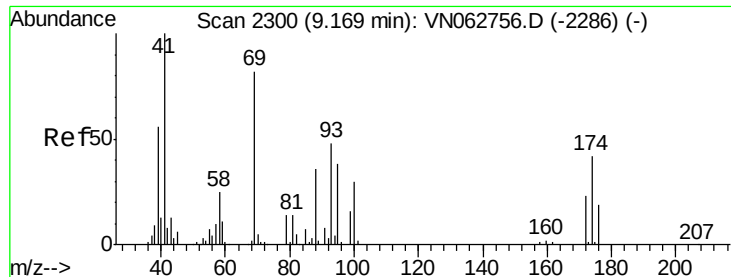
69 88.1 67.4 101.2

39 62.0 47.6 71.4



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

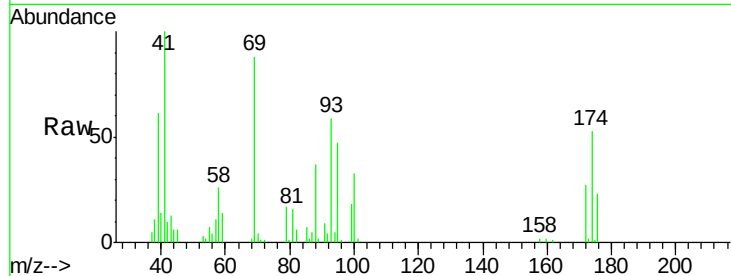




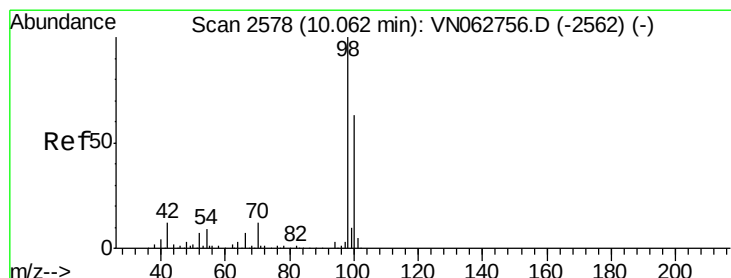
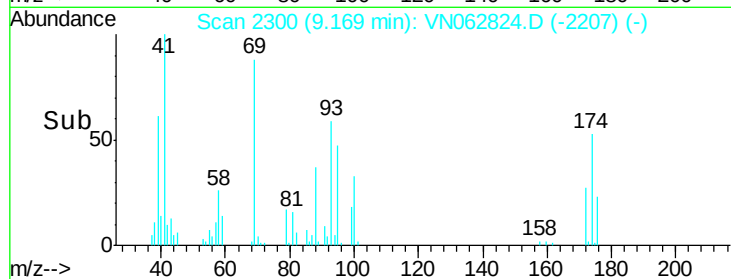
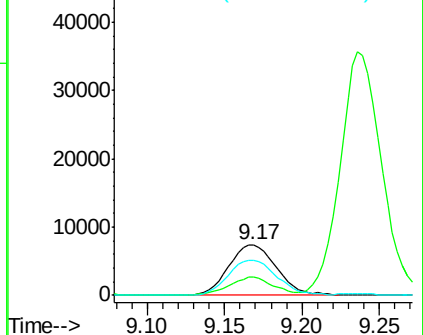
#49
1,4-Dioxane
Concen: 387.693 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Instrument :
MSVOA_N
ClientSampled :
VN0811WBS01

Tot Ion: 88 Resp: 15858
Ion Ratio Lower Upper
88 100
43 33.1 29.5 44.3
58 71.2 59.8 89.8

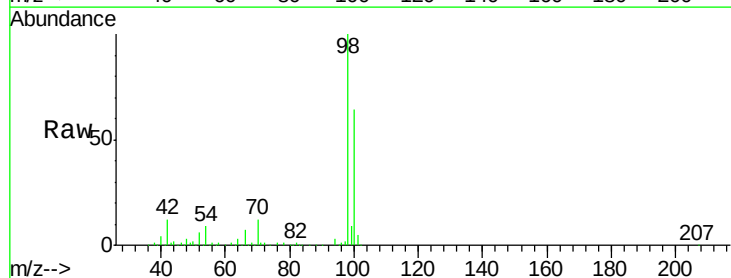


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

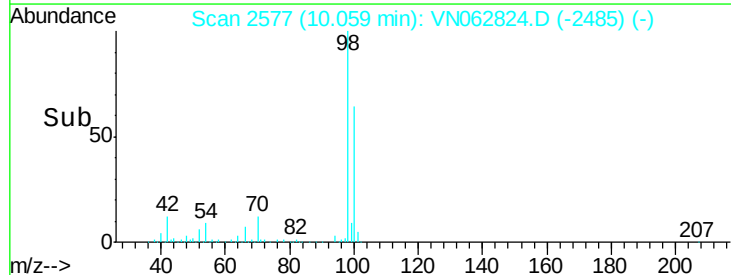
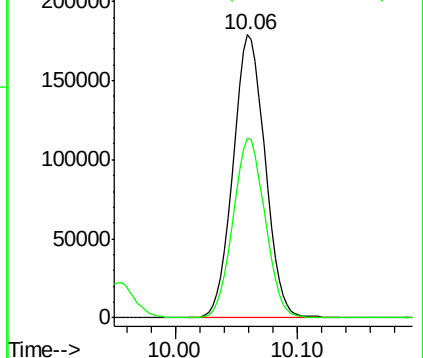


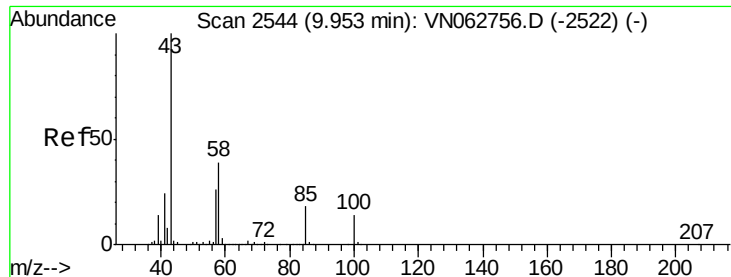
#50
Toluene-d8
Concen: 46.130 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Tgt Ion: 98 Resp: 325894
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



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

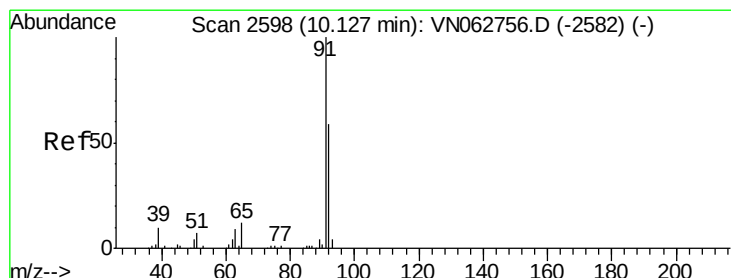
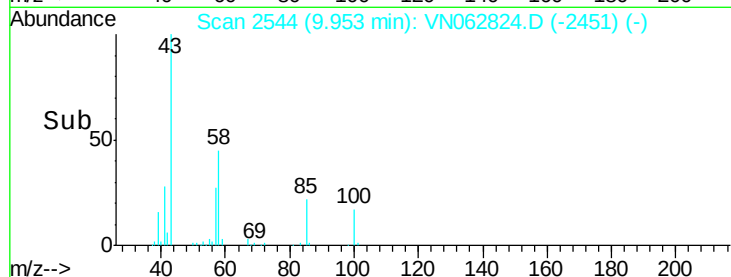
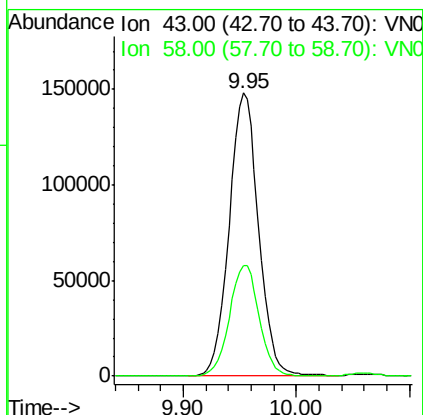
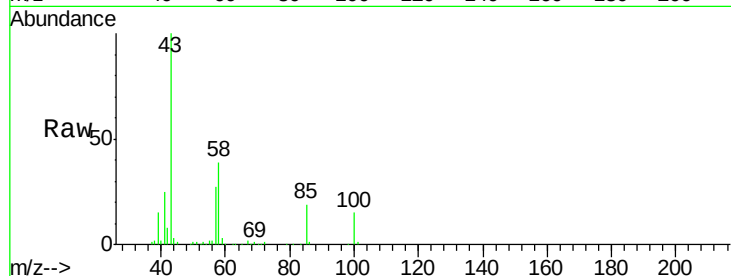




#51
4-Methyl-2-Pentanone
Concen: 92.241 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

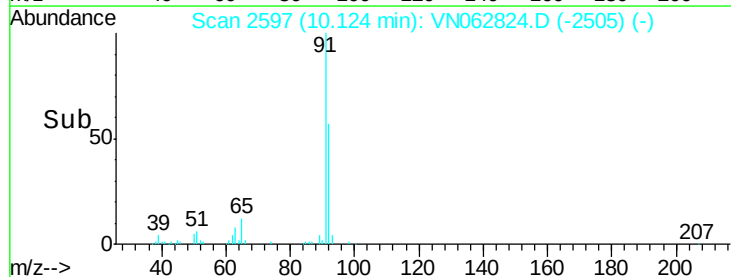
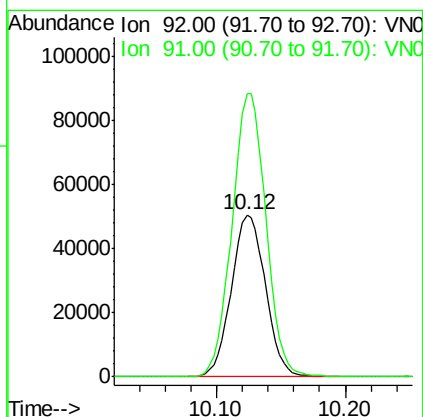
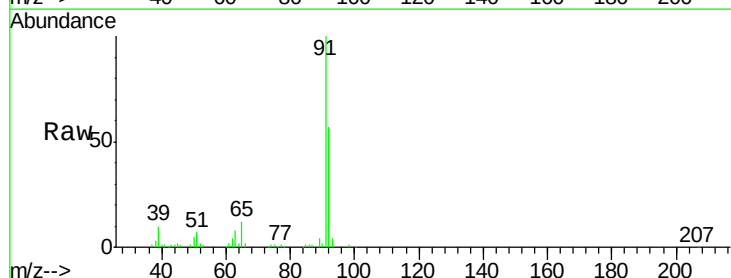
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

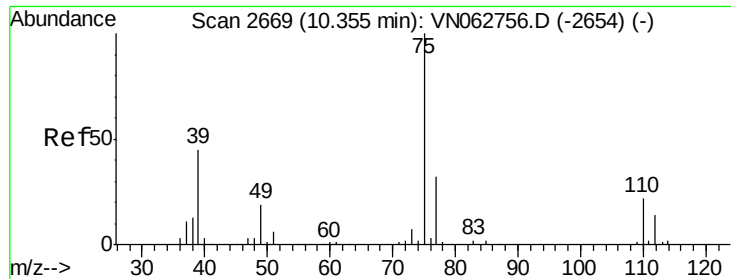
Tot Ion: 43 Resp: 267849
Ion Ratio Lower Upper
43 100
58 39.6 31.1 46.7



#52
Toluene
Concen: 19.627 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Tgt Ion: 92 Resp: 93146
Ion Ratio Lower Upper
92 100
91 173.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 19.470 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampled :

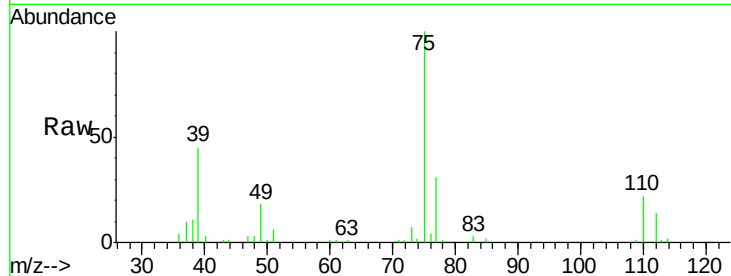
VN0811WBS01

Tot Ion: 75 Resp: 65564

Ion Ratio Lower Upper

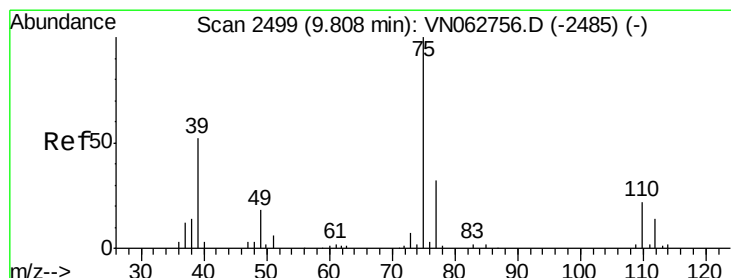
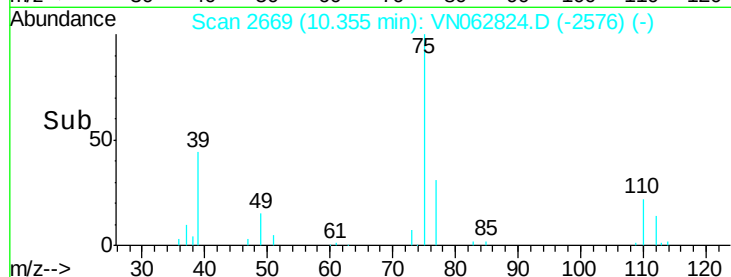
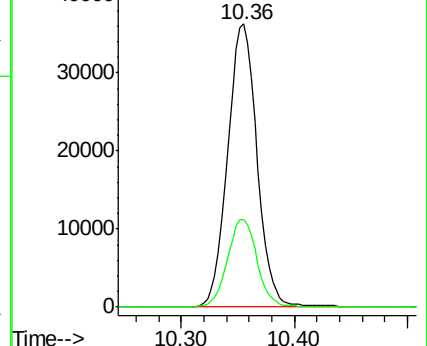
75 100

77 31.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.700 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

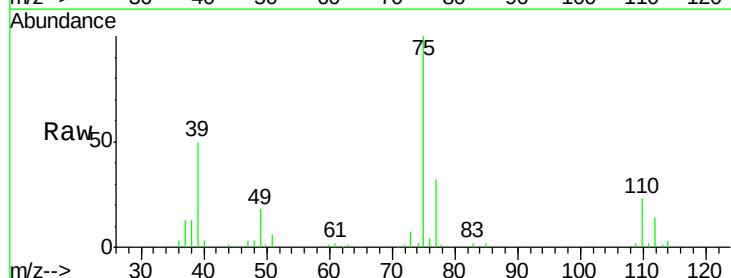
Tgt Ion: 75 Resp: 66604

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

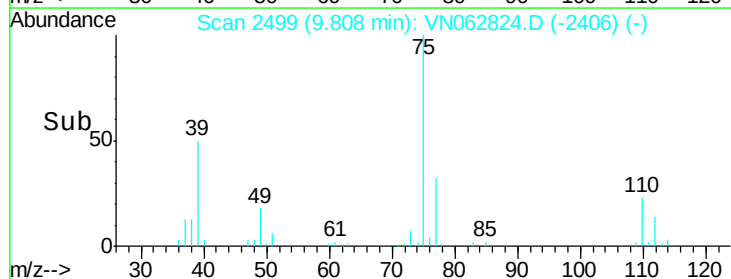
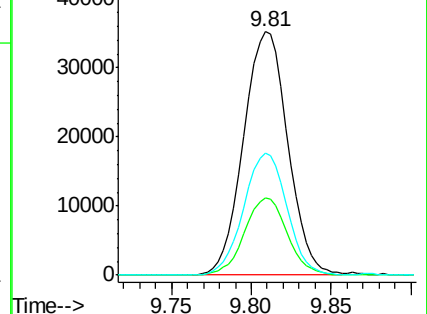
39 50.4 41.9 62.9

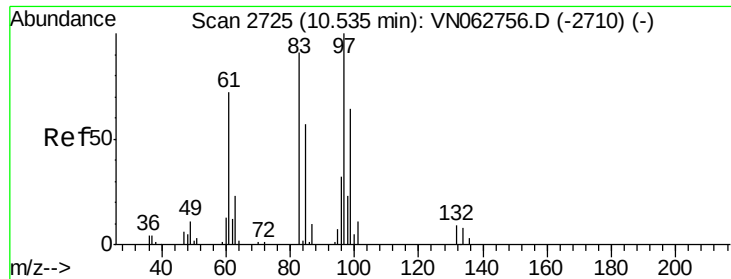


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.186 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBS01

Tot Ion: 97 Resp: 38887

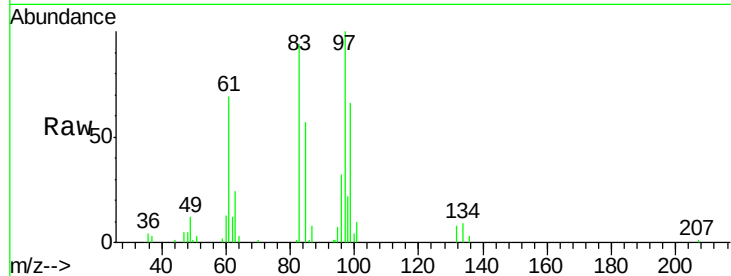
Ion Ratio Lower Upper

97 100

83 93.7 72.6 108.8

85 57.0 46.0 69.0

99 65.6 51.1 76.7

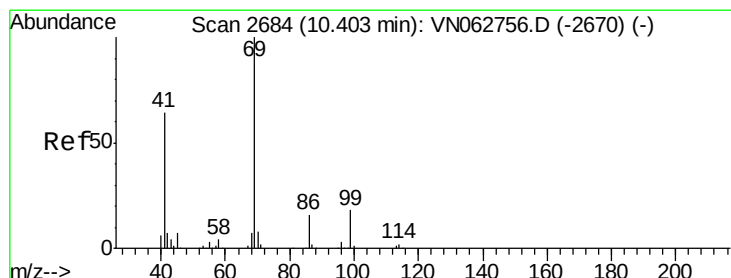
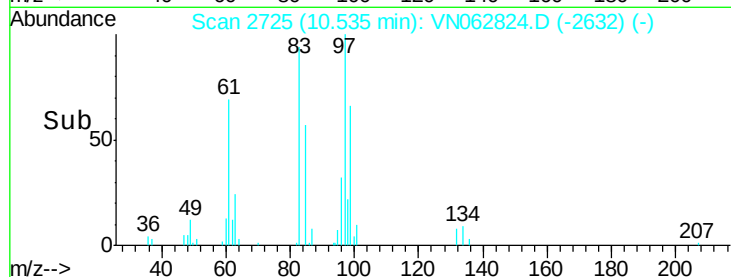
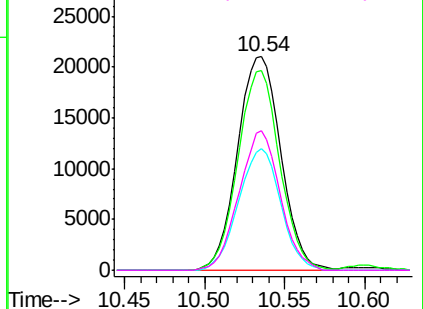


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 19.094 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

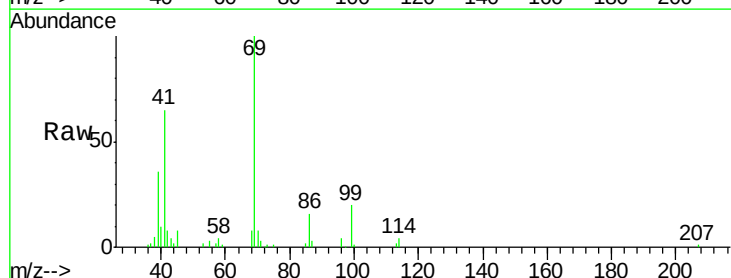
Tgt Ion: 69 Resp: 58252

Ion Ratio Lower Upper

69 100

41 65.3 52.2 78.2

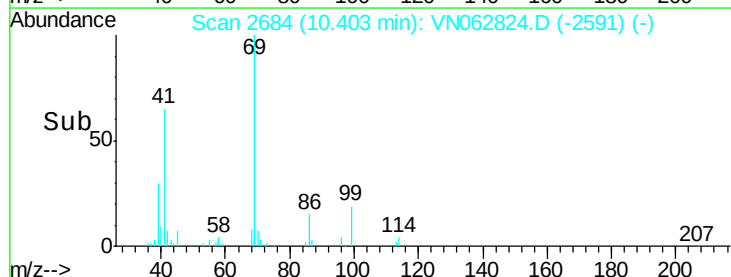
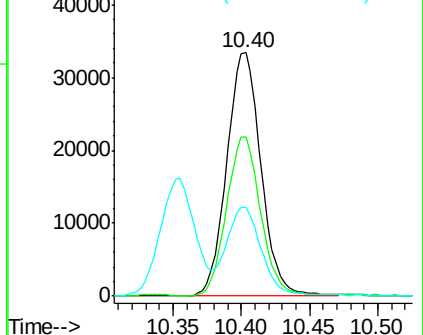
39 36.5 30.9 46.3

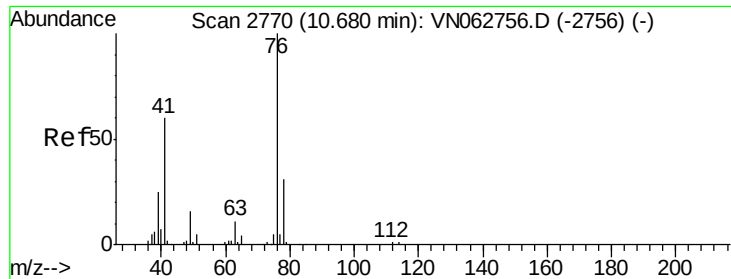


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.047 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampled :

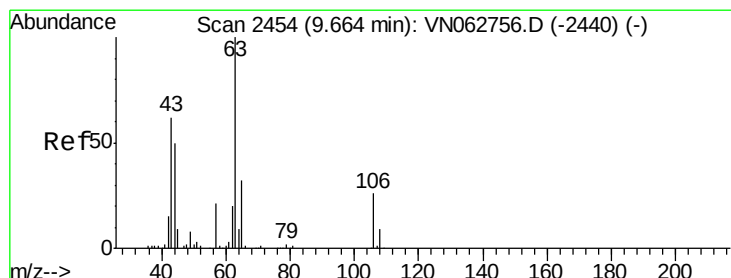
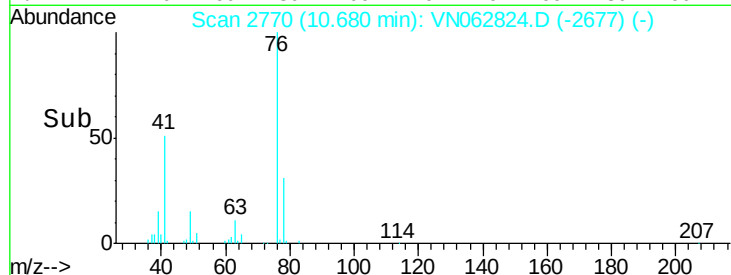
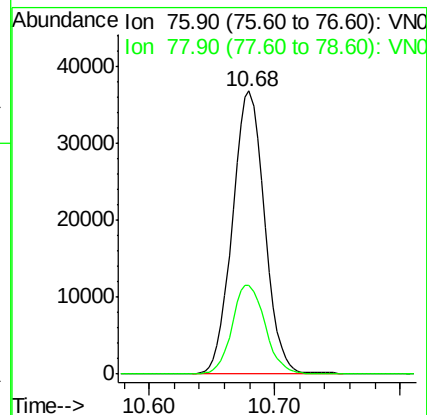
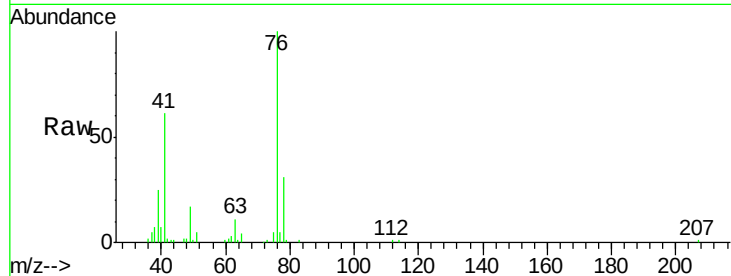
VN0811WBS01

Tot Ion: 76 Resp: 65597

Ion Ratio Lower Upper

76 100

78 32.3 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 90.320 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062824.D

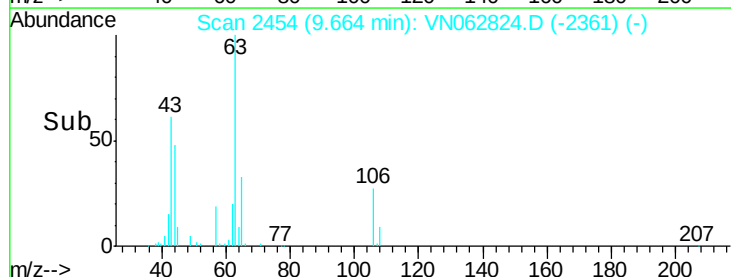
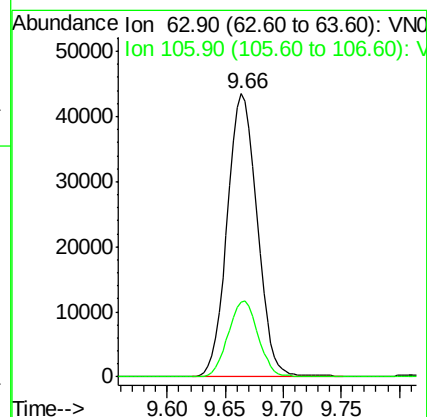
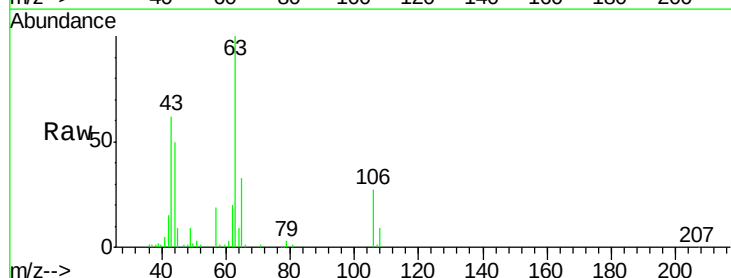
Acq: 11 Aug 2020 12:39

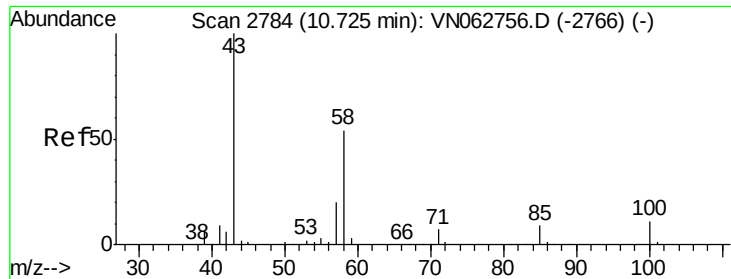
Tgt Ion: 63 Resp: 77888

Ion Ratio Lower Upper

63 100

106 26.6 20.9 31.3

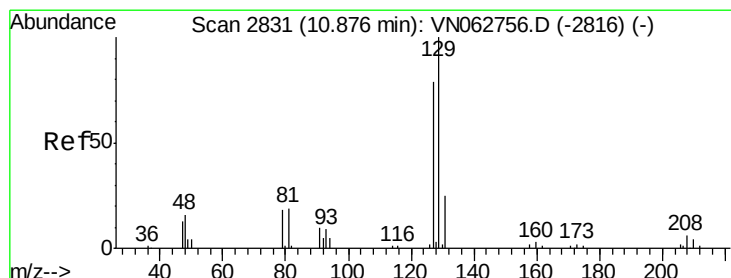
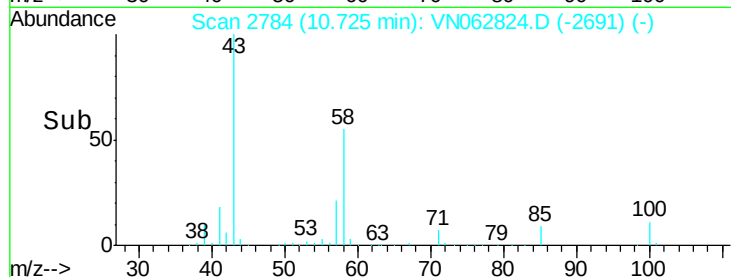
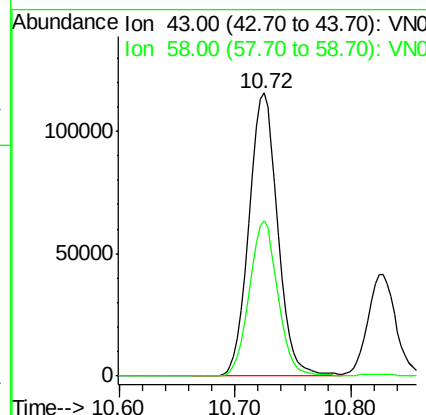
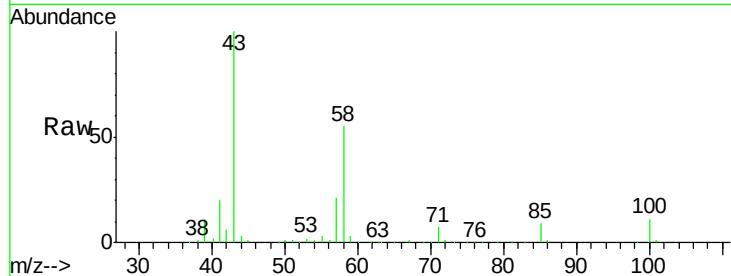




#59
2-Hexanone
Concen: 92.856 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

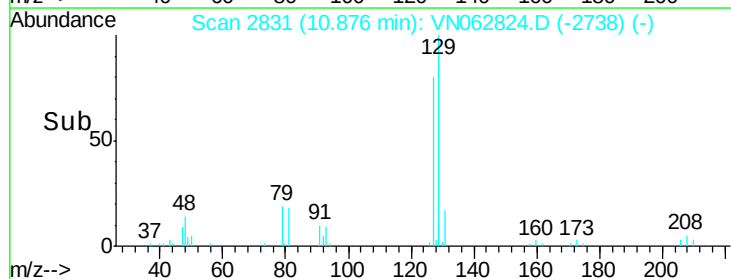
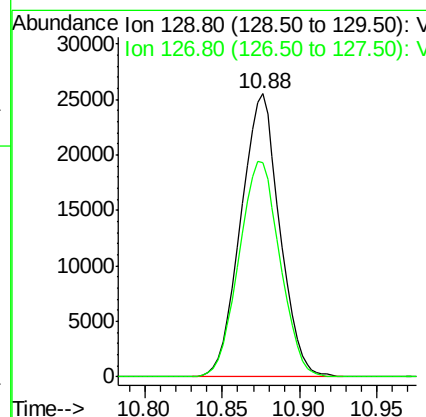
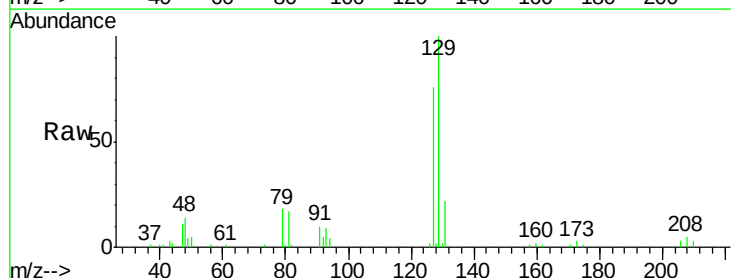
Instrument :
MSVOA_N
ClientSampled :
VN0811WBS01

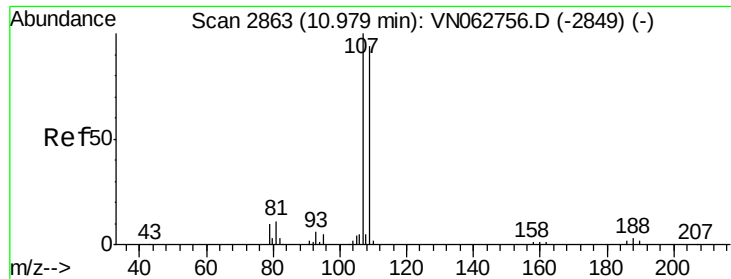
Tot Ion: 43 Resp: 201132
Ion Ratio Lower Upper
43 100
58 54.1 26.7 80.1



#60
Dibromochloromethane
Concen: 19.281 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Tgt Ion: 129 Resp: 44596
Ion Ratio Lower Upper
129 100
127 80.2 39.1 117.2

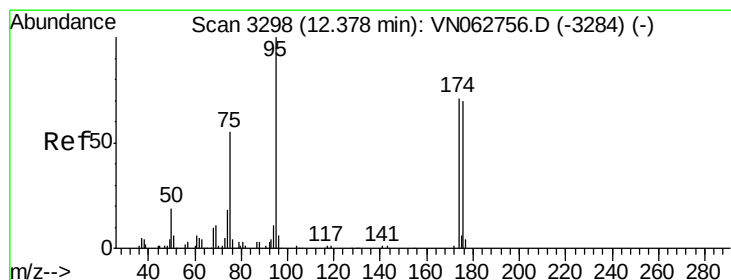
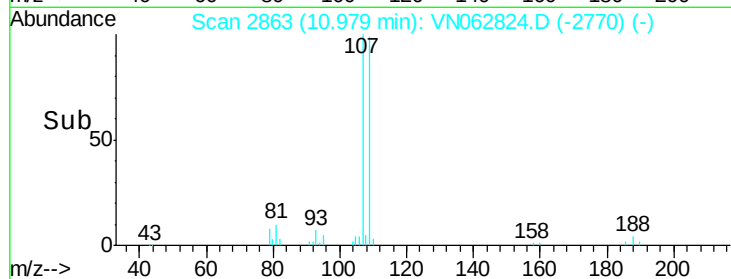
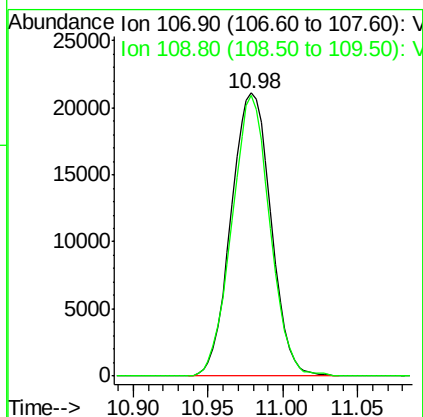
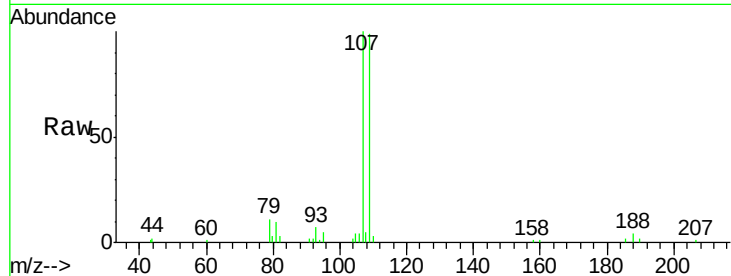




#61
 1,2-Dibromoethane
 Concen: 19.581 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

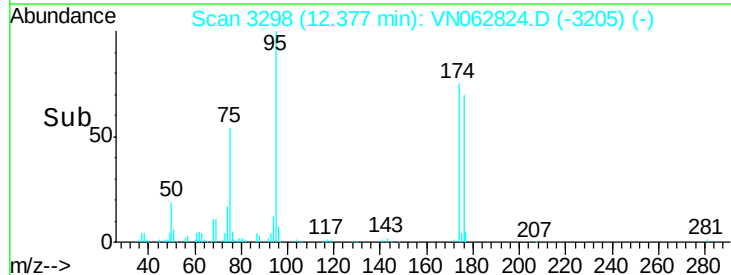
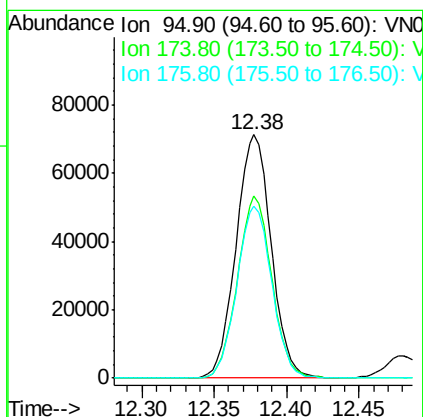
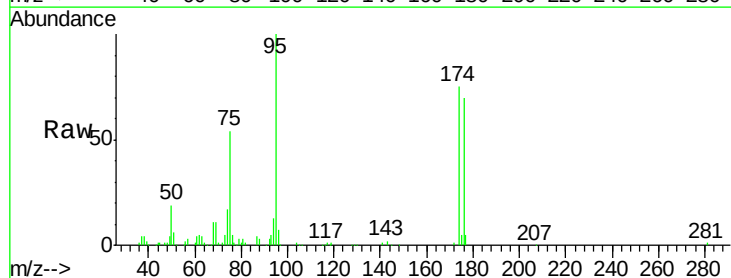
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBS01

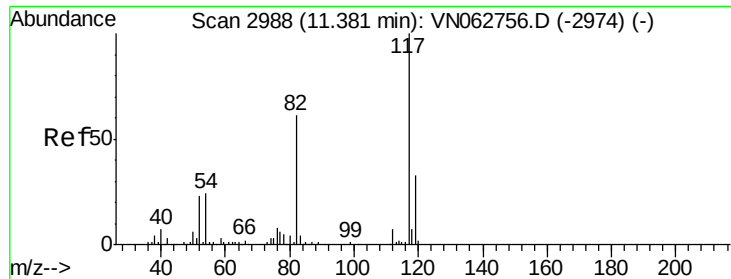
Tot Ion:107 Resp: 39162
 Ion Ratio Lower Upper
 107 100
 109 94.5 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 45.002 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

Tgt Ion: 95 Resp: 120144
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 144.8
 176 70.1 0.0 142.2

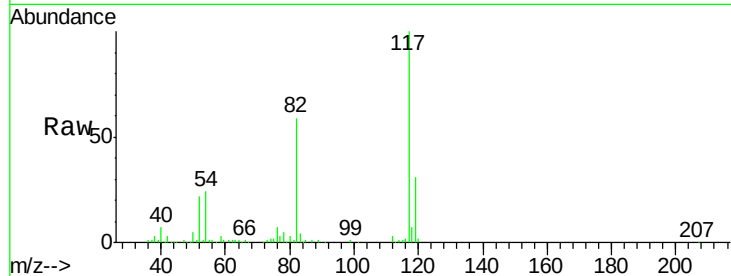




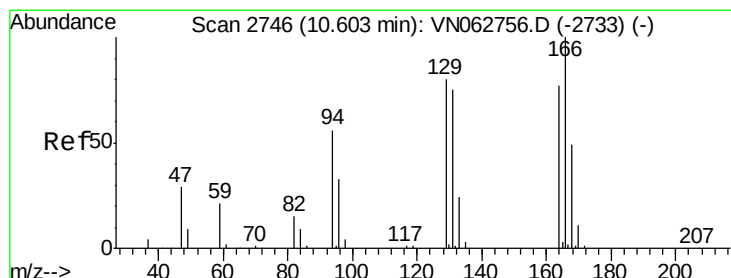
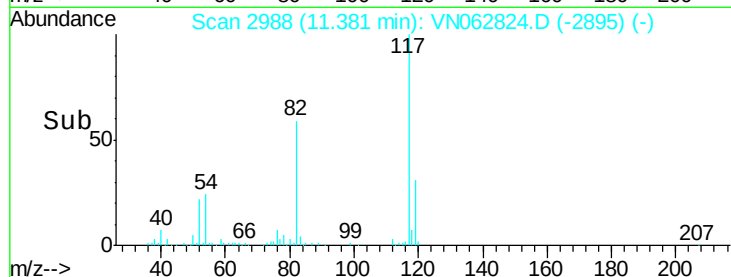
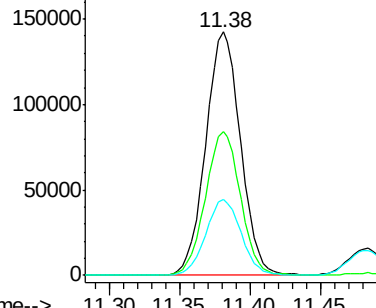
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

Tot Ion:117 Resp: 246470
Ion Ratio Lower Upper
117 100
82 59.0 49.0 73.4
119 31.2 26.2 39.2

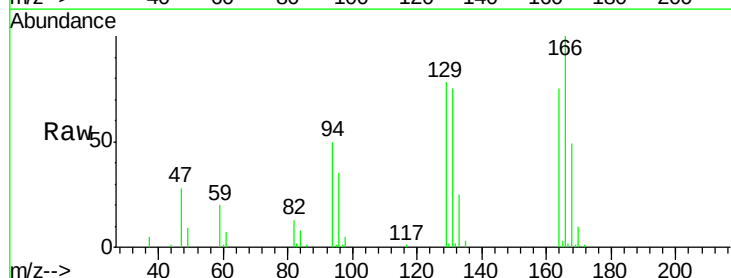


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

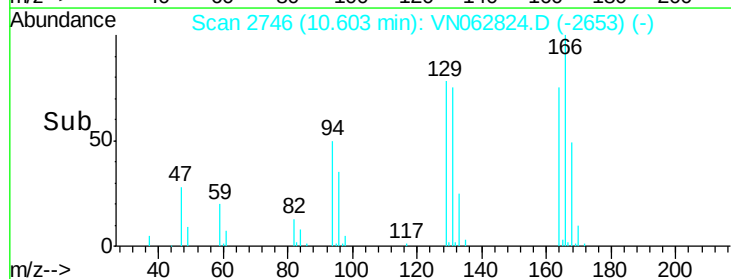
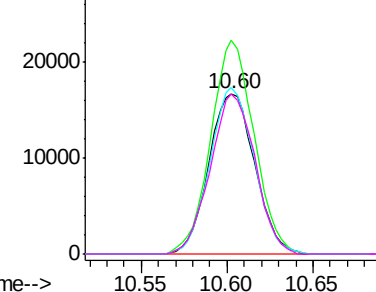


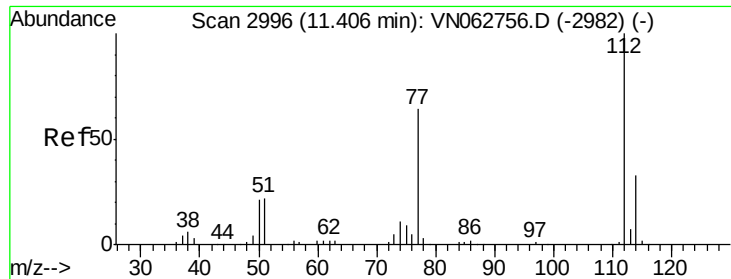
#64
Tetrachloroethene
Concen: 19.438 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Tgt Ion:164 Resp: 30912
Ion Ratio Lower Upper
164 100
166 133.2 103.8 155.8
129 103.6 82.7 124.1
131 99.6 78.2 117.2



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

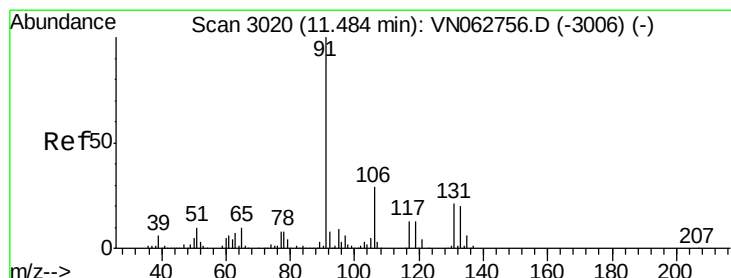
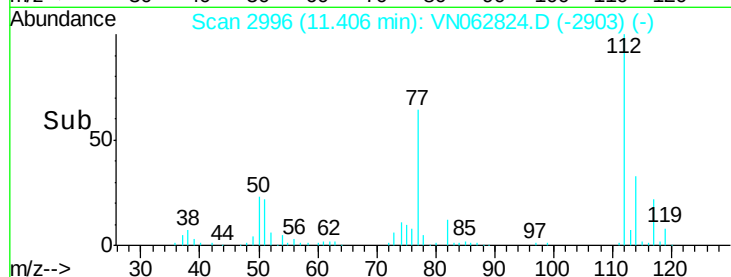
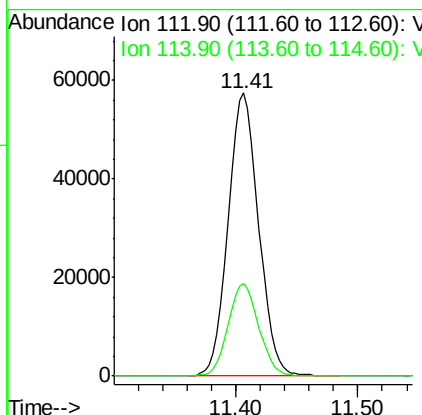
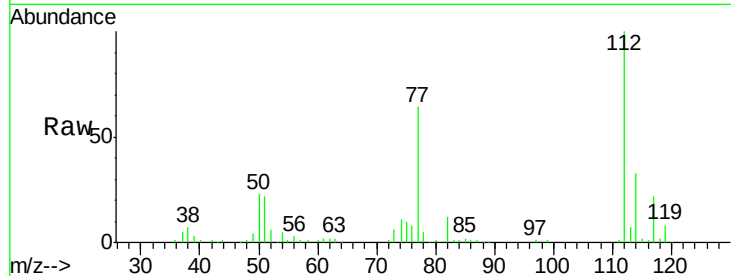




#65
Chlorobenzene
Concen: 19.461 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

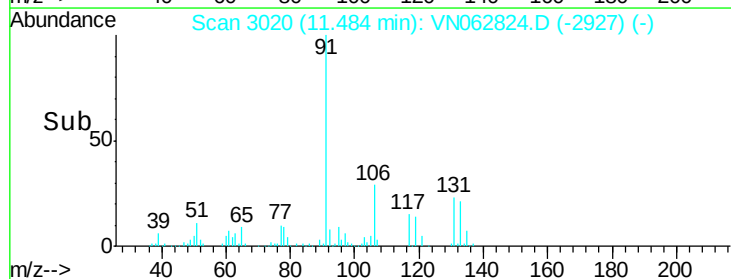
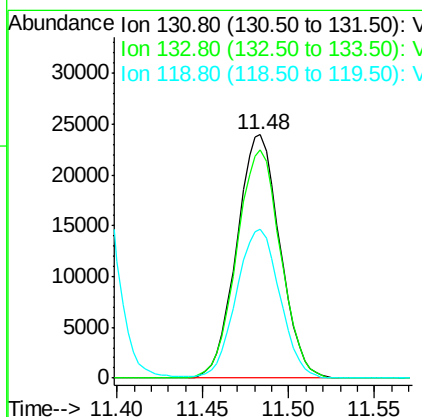
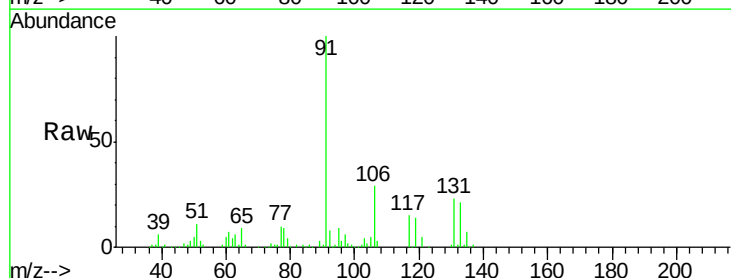
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBS01

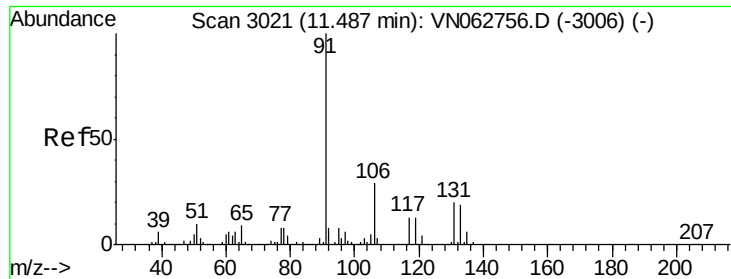
Tot Ion:112 Resp: 100266
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.172 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Tgt Ion:131 Resp: 41736
Ion Ratio Lower Upper
131 100
133 95.2 48.6 145.8
119 61.7 32.2 96.6





#67

Ethyl Benzene

Concen: 19.466 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampled :

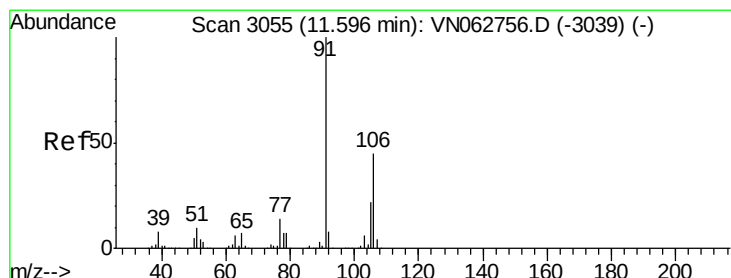
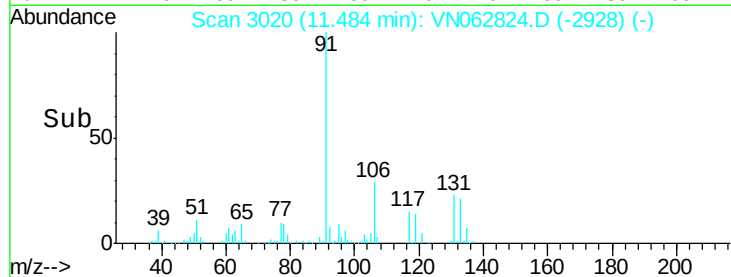
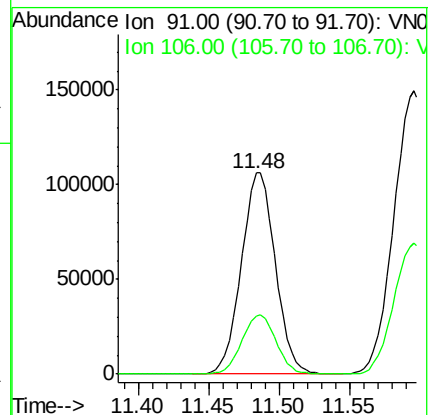
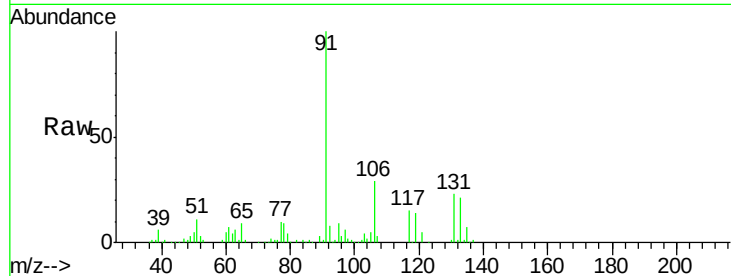
VN0811WBS01

Tot Ion: 91 Resp: 179475

Ion Ratio Lower Upper

91 100

106 28.9 23.2 34.8



#68

m/p-Xylenes

Concen: 40.295 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062824.D

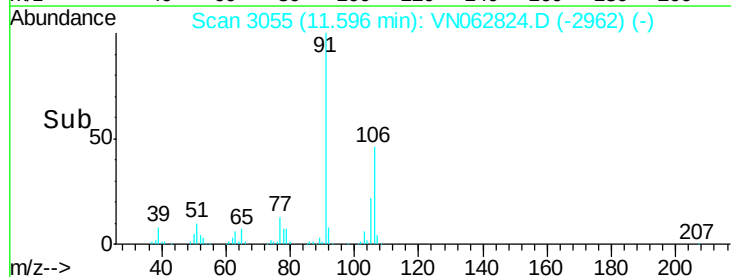
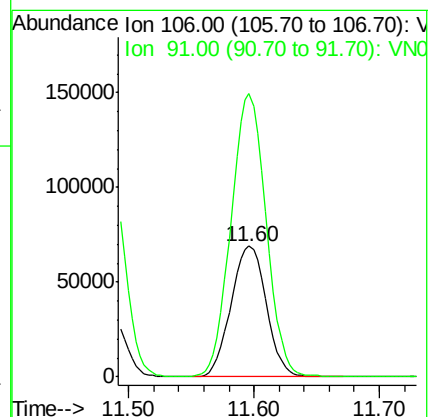
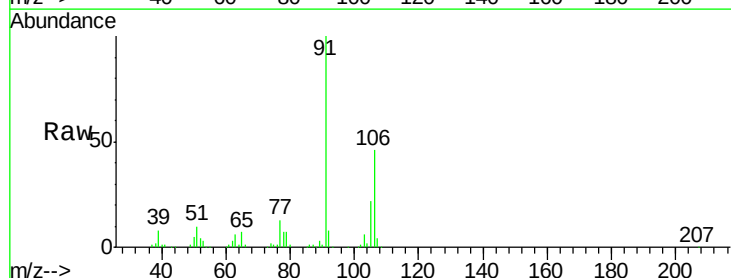
Acq: 11 Aug 2020 12:39

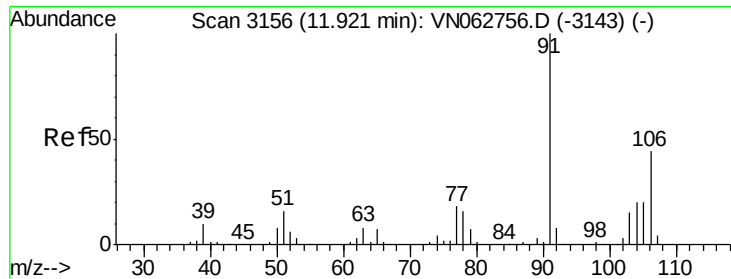
Tgt Ion: 106 Resp: 134857

Ion Ratio Lower Upper

106 100

91 214.0 175.9 263.9

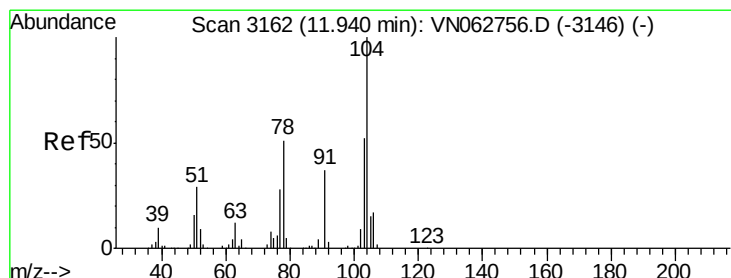
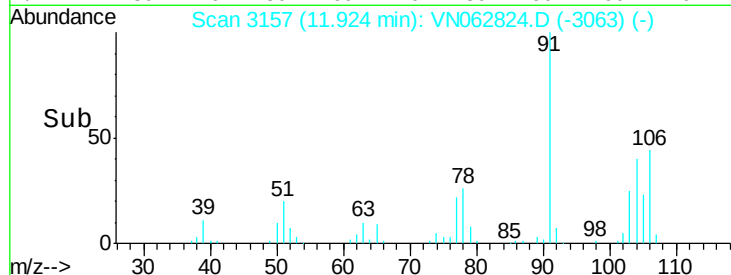
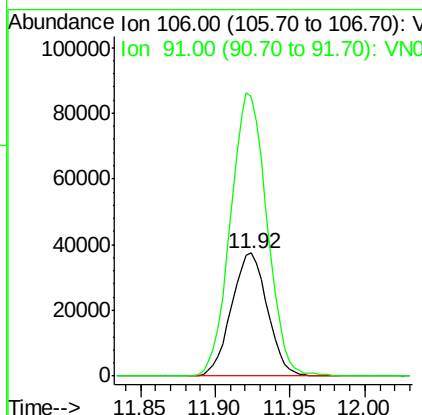
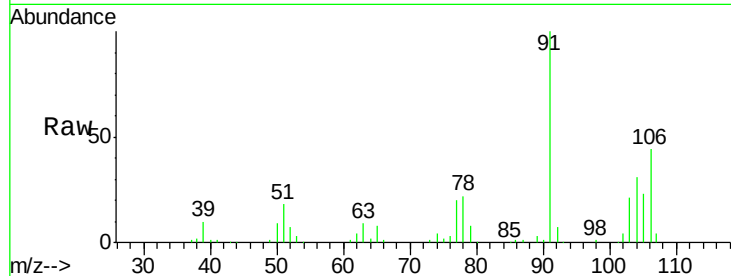




#69
o-Xylene
Concen: 20.070 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

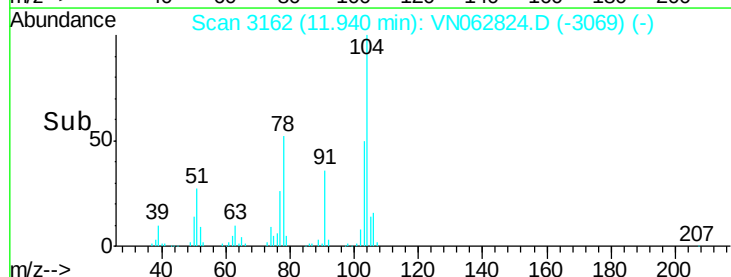
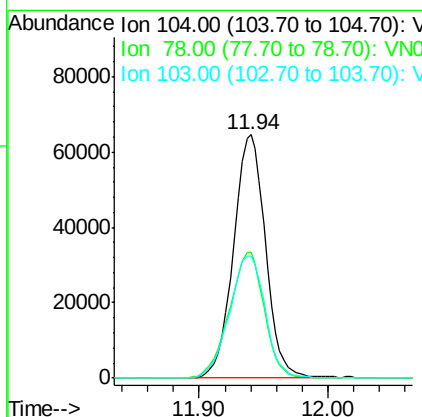
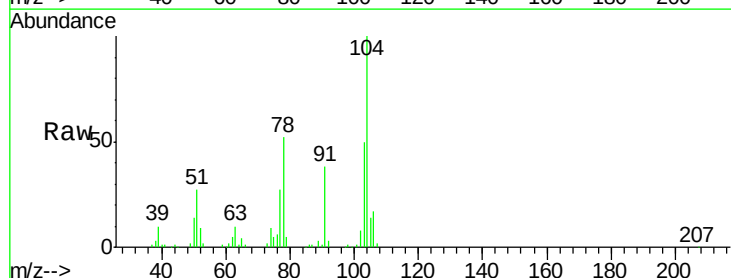
Instrument :
MSVOA_N
ClientSampled :
VN0811WBS01

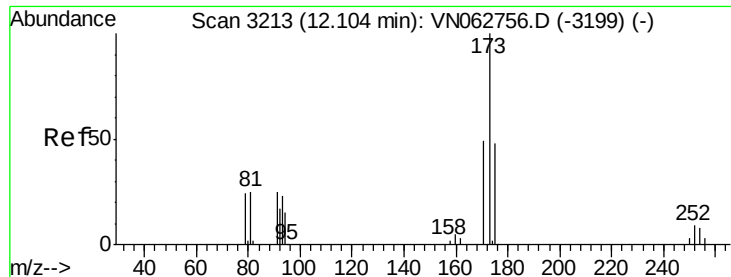
Tot Ion:106 Resp: 62946
Ion Ratio Lower Upper
106 100
91 232.4 115.8 347.4



#70
Styrene
Concen: 20.225 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Tgt Ion:104 Resp: 111502
Ion Ratio Lower Upper
104 100
78 56.5 45.9 68.9
103 56.0 45.1 67.7





#71

Bromoform

Concen: 19.157 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBS01

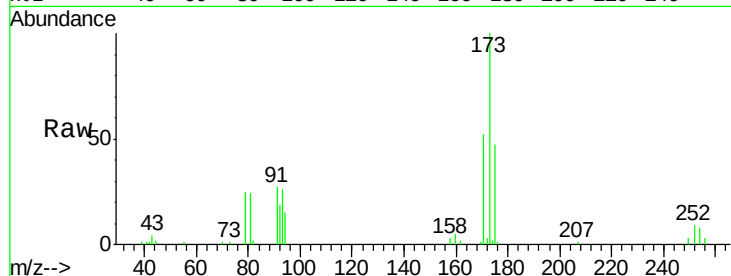
Tot Ion:173 Resp: 32430

Ion Ratio Lower Upper

173 100

175 45.4 24.0 72.0

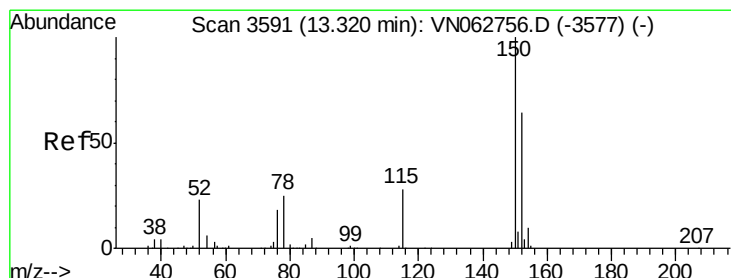
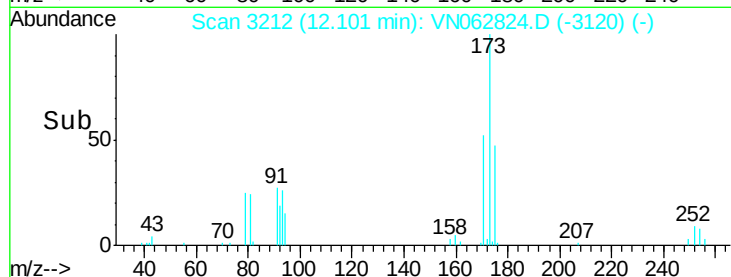
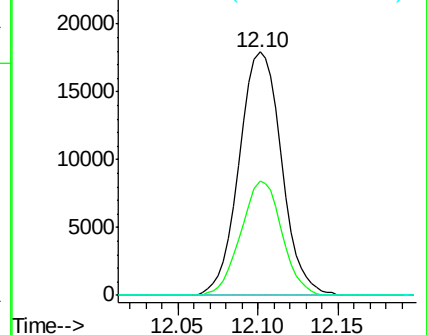
254 0.0 0.0 0.0



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: VN062824.D

Acq: 11 Aug 2020 12:39

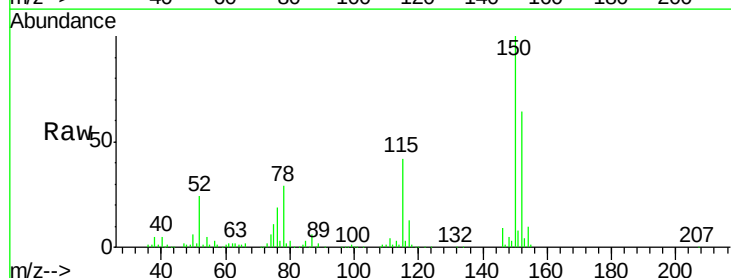
Tgt Ion:152 Resp: 116031

Ion Ratio Lower Upper

152 100

115 64.1 31.6 94.8

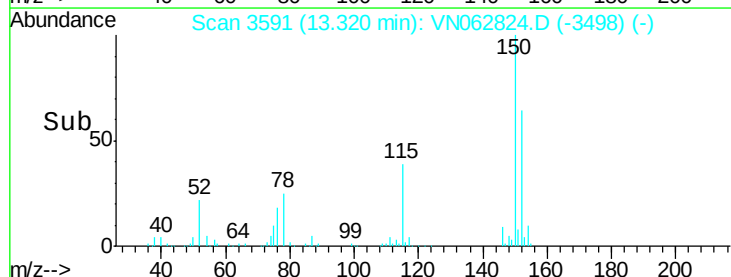
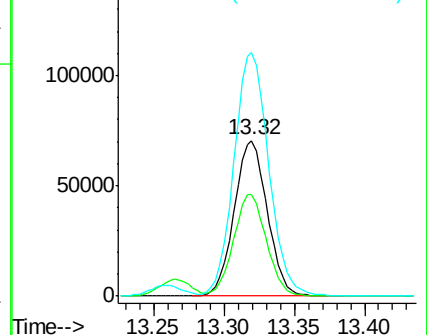
150 163.9 0.0 349.2

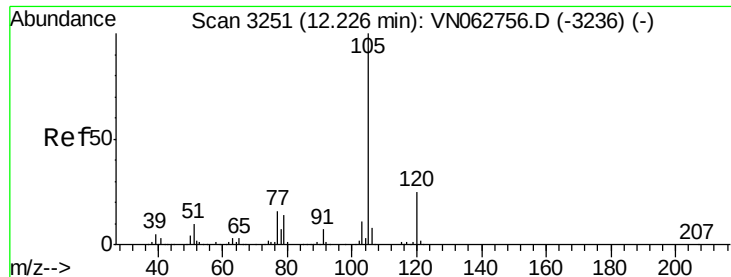


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.595 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

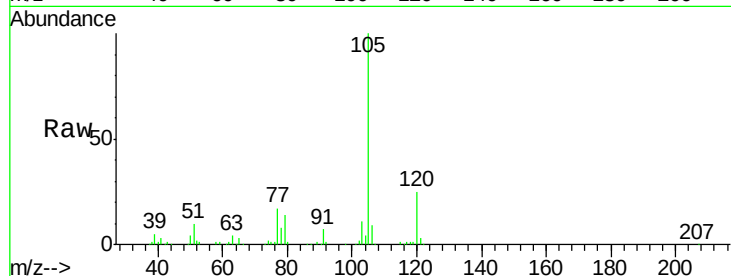
VN0811WBS01

Tot Ion:105 Resp: 179944

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

100000

80000

60000

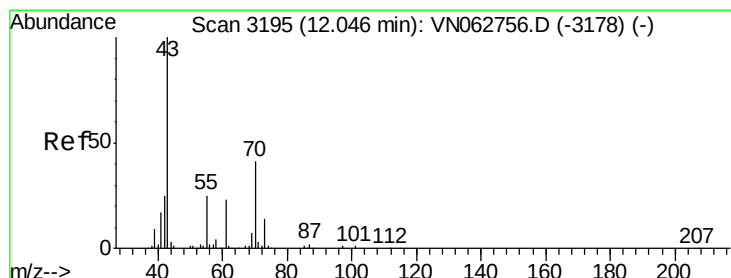
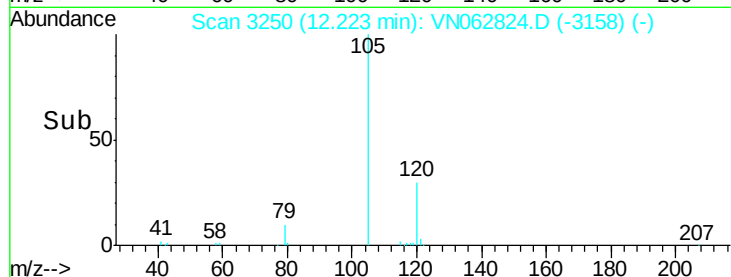
40000

20000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 18.712 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Tgt Ion: 43 Resp: 66252

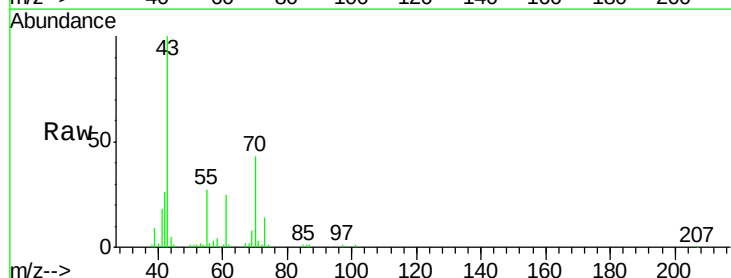
Ion Ratio Lower Upper

43 100

70 43.0 32.3 48.5

55 25.9 20.2 30.2

61 24.7 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

60000

50000

40000

30000

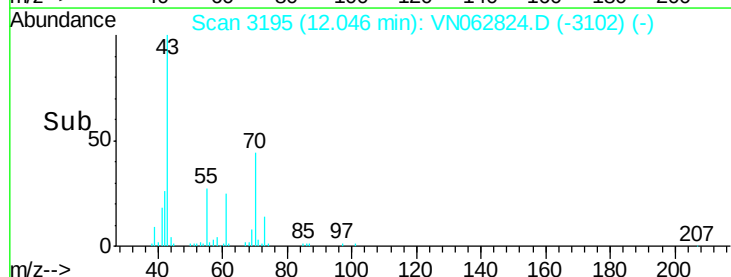
20000

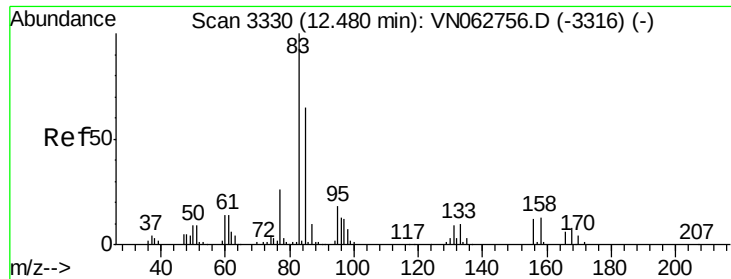
10000

0

Time-->

12.00 12.05 12.10

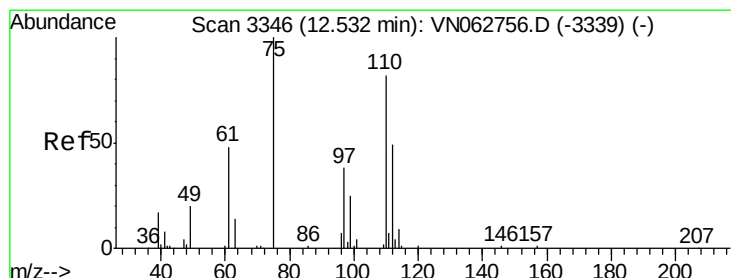
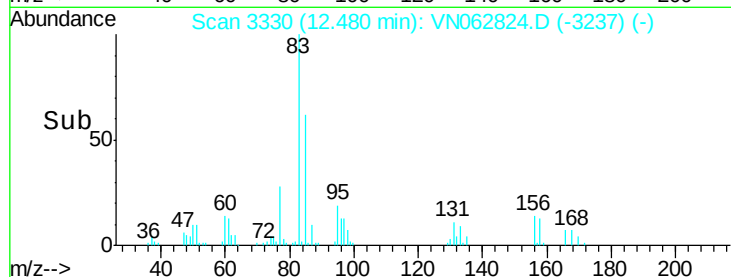
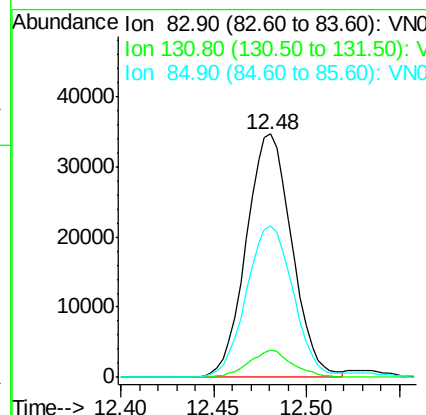
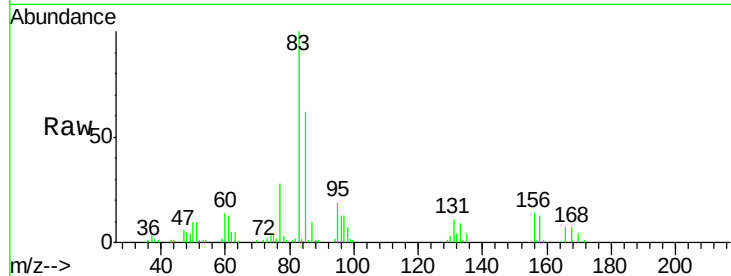




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.246 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

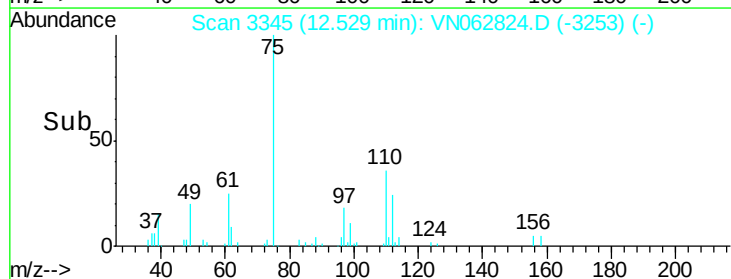
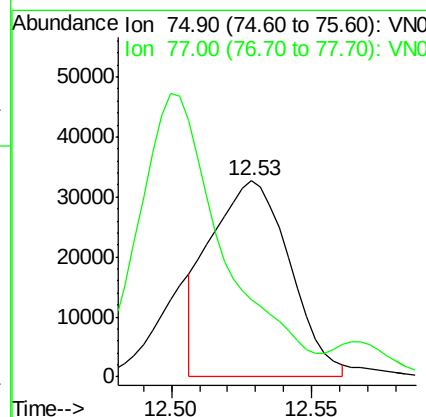
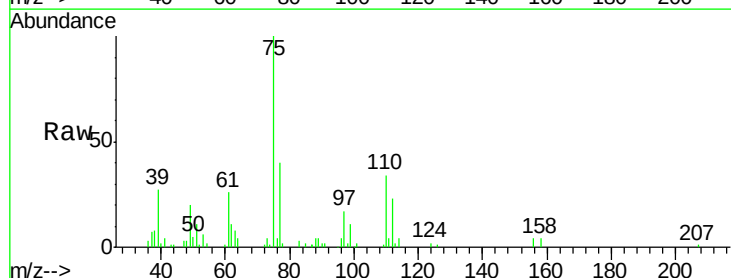
Instrument :
 MSVOA_N
 ClientSampled :
 VN0811WBS01

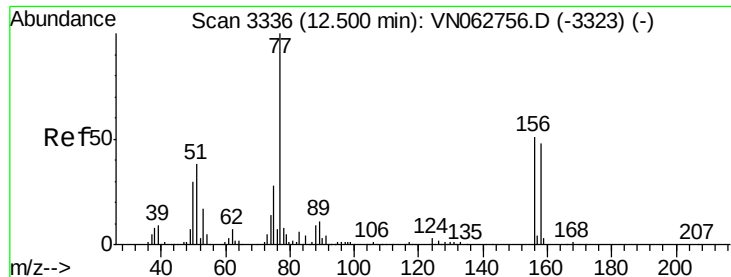
Tot Ion	83	Resp	59195
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	64.0	31.9	95.9



#76
 1,2,3-Trichloropropane
 Concen: 20.390 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

Tgt Ion	75	Resp	63806
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.712 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBS01

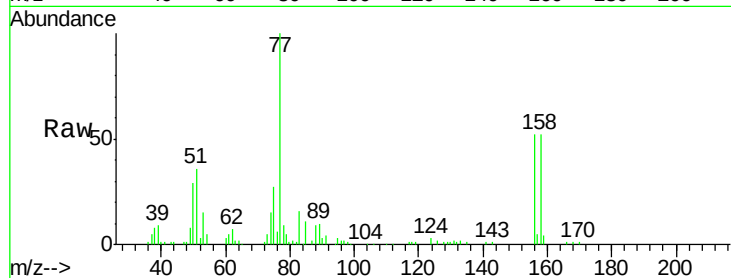
Tot Ion:156 Resp: 42792

Ion Ratio Lower Upper

156 100

77 231.3 119.7 359.1

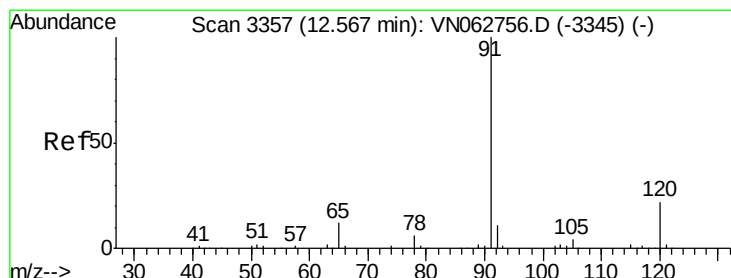
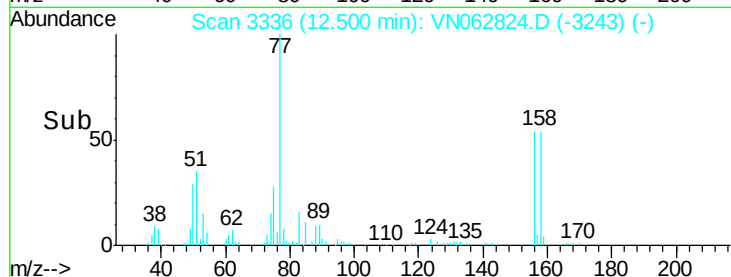
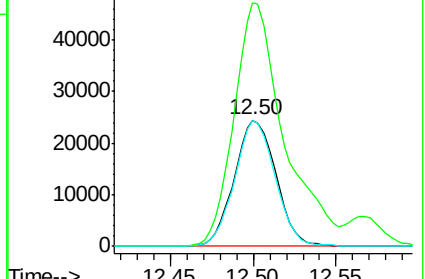
158 96.7 48.1 144.3



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: 20.062 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062824.D

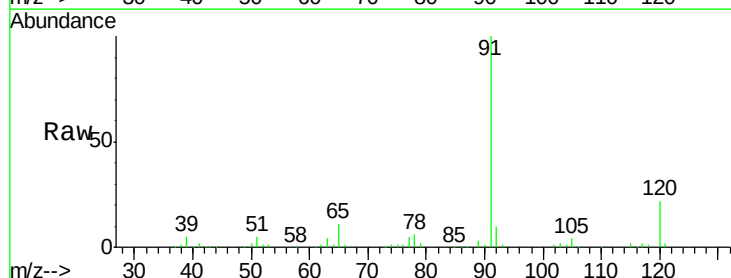
Acq: 11 Aug 2020 12:39

Tgt Ion: 91 Resp: 205754

Ion Ratio Lower Upper

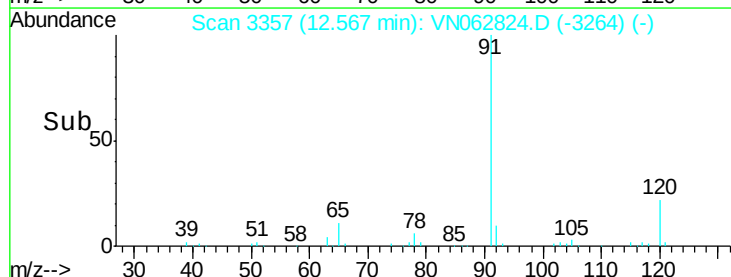
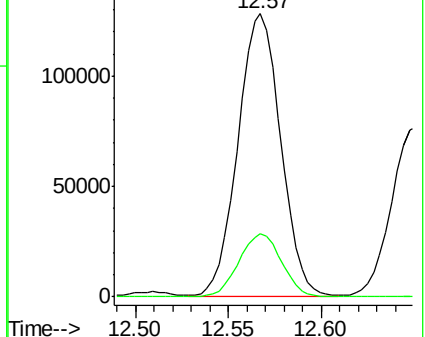
91 100

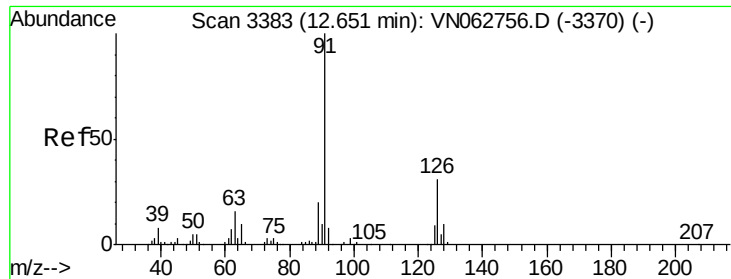
120 22.3 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.970 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampled :

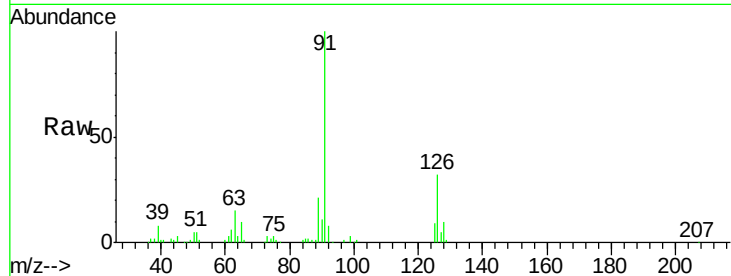
VN0811WBS01

Tot Ion: 91 Resp: 128437

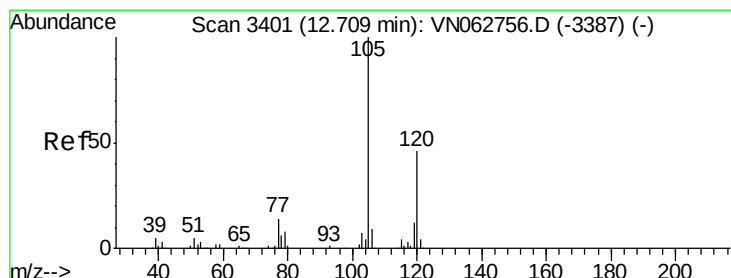
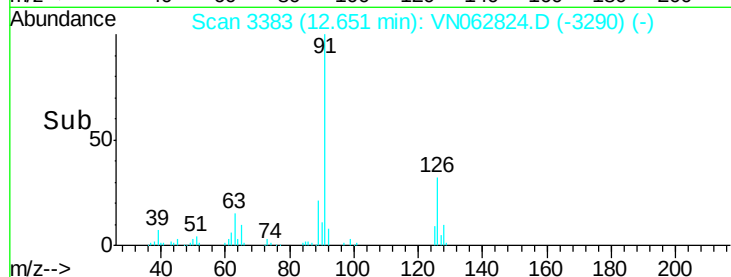
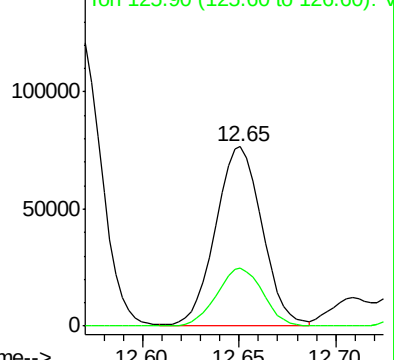
Ion Ratio Lower Upper

91 100

126 32.2 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062824.D (-3290) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.711 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062824.D

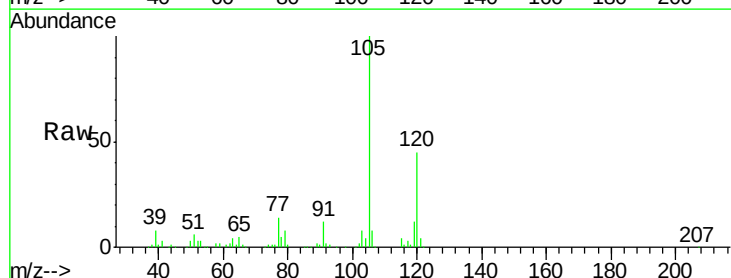
Acq: 11 Aug 2020 12:39

Tgt Ion:105 Resp: 156985

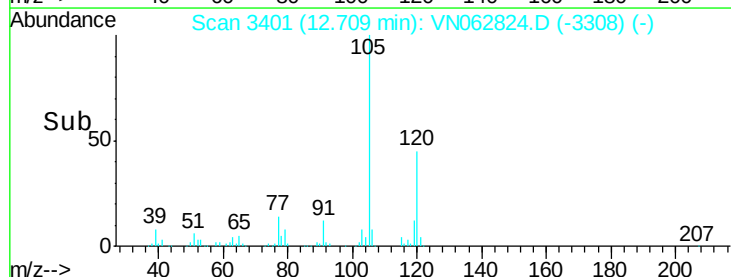
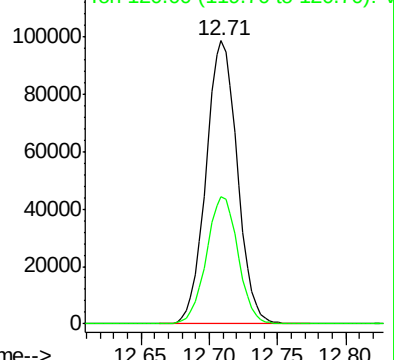
Ion Ratio Lower Upper

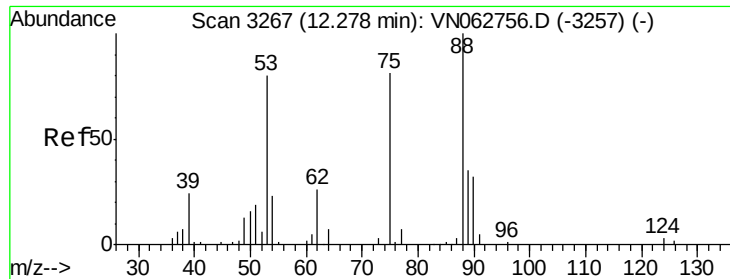
105 100

120 45.5 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062824.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.722 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampled :

VN0811WBS01

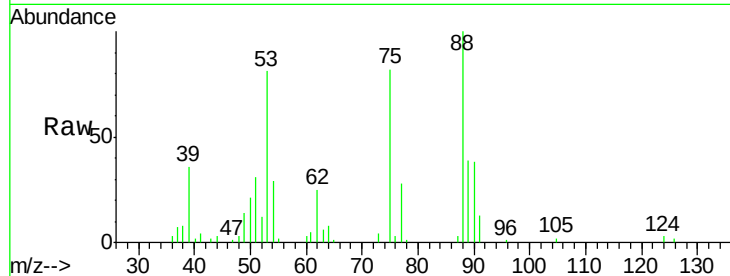
Tot Ion: 75 Resp: 20216

Ion Ratio Lower Upper

75 100

53 101.3 79.1 118.7

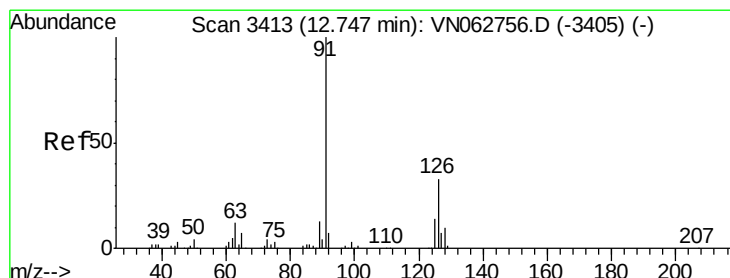
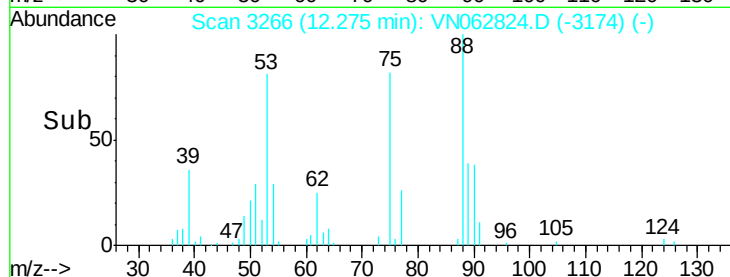
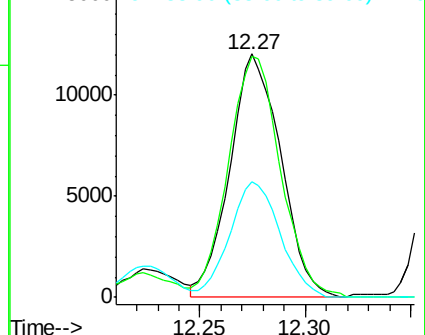
89 47.2 36.2 54.2



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: 19.663 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062824.D

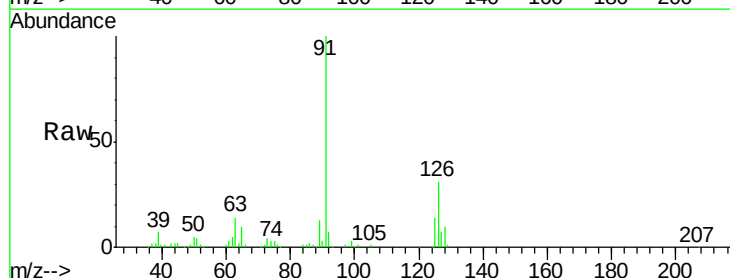
Acq: 11 Aug 2020 12:39

Tgt Ion: 91 Resp: 130323

Ion Ratio Lower Upper

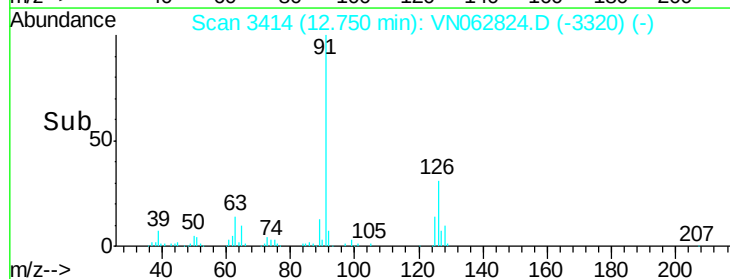
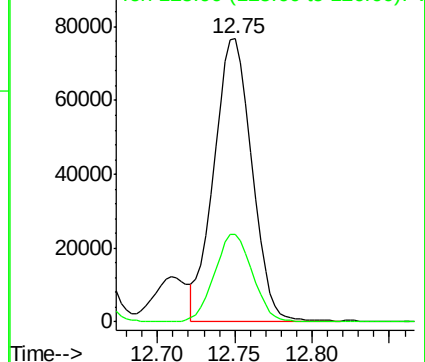
91 100

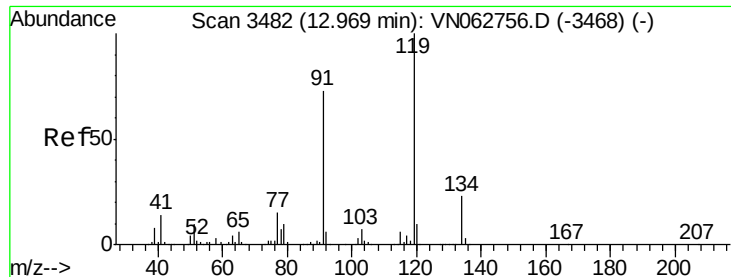
126 31.2 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

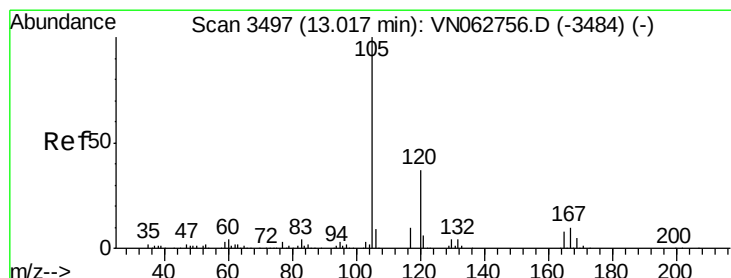
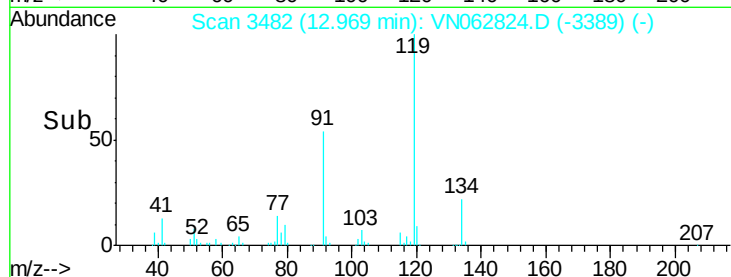
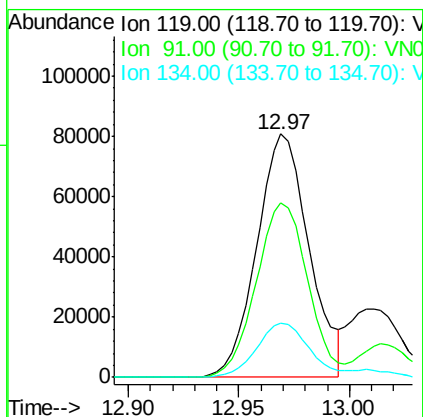
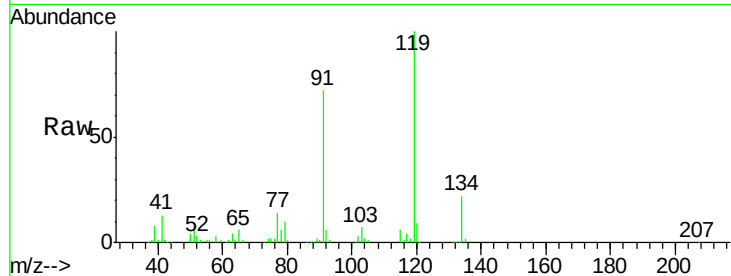




#83
 tert-Butylbenzene
 Concen: 20.645 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

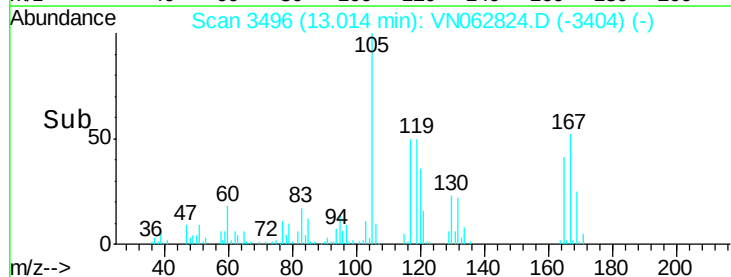
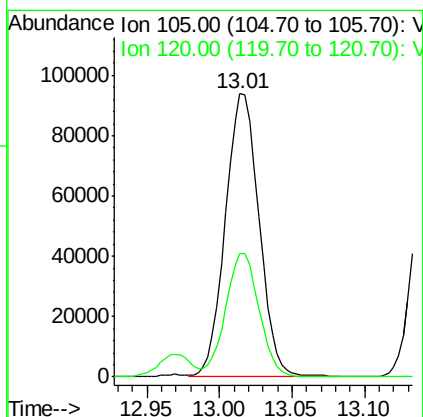
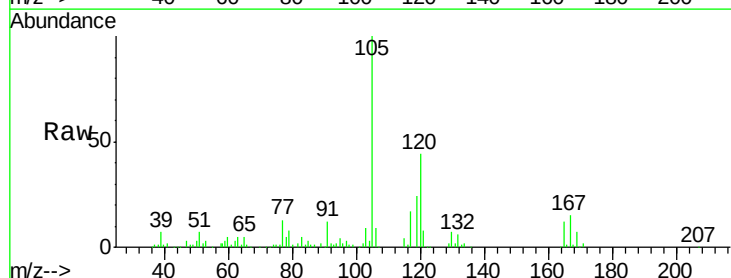
Instrument :
 MSVOA_N
 ClientSampled :
 VN0811WBS01

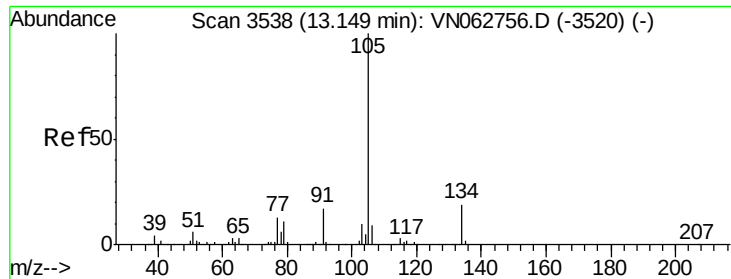
Tot Ion:119 Resp: 132413
 Ion Ratio Lower Upper
 119 100
 91 71.0 36.5 109.5
 134 22.5 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.684 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

Tgt Ion:105 Resp: 149992
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.4 64.2





#85

sec-Butylbenzene

Concen: 20.234 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampled :

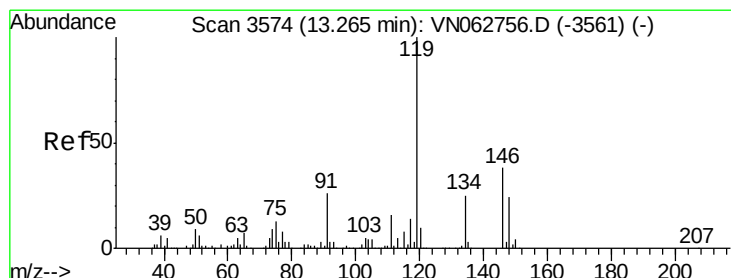
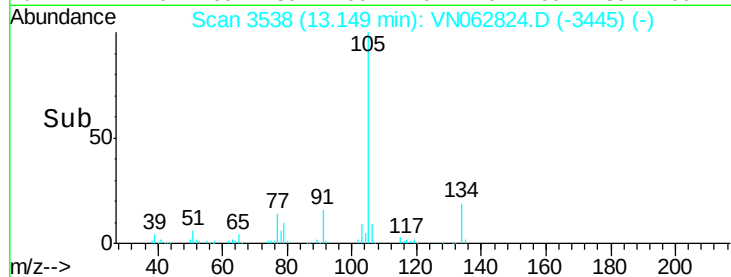
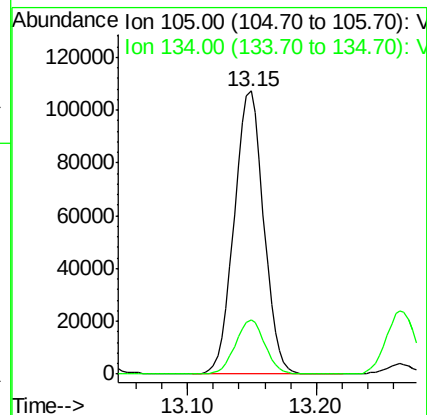
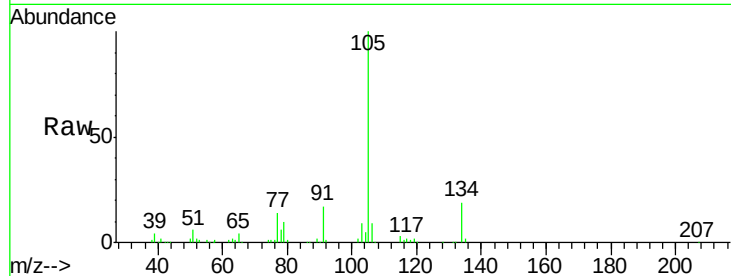
VN0811WBS01

Tot Ion:105 Resp: 170425

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.6



#86

p-Isopropyltoluene

Concen: 20.454 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

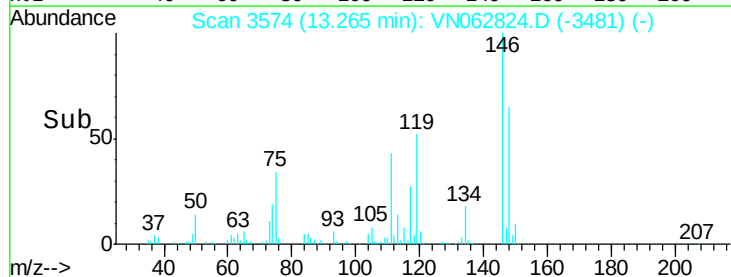
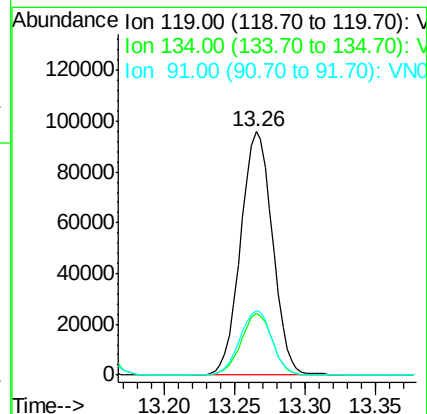
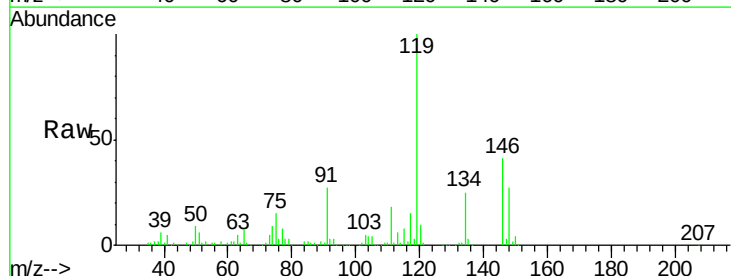
Tgt Ion:119 Resp: 152918

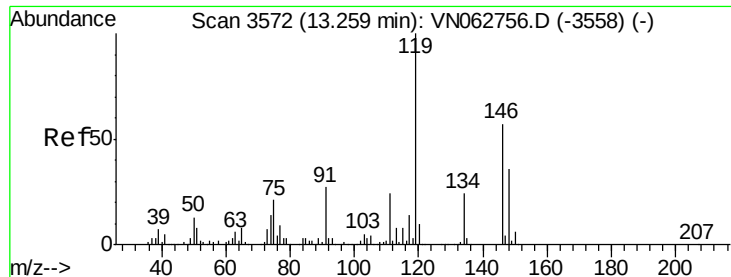
Ion Ratio Lower Upper

119 100

134 24.7 12.6 37.8

91 26.5 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 19.702 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampled :

VN0811WBS01

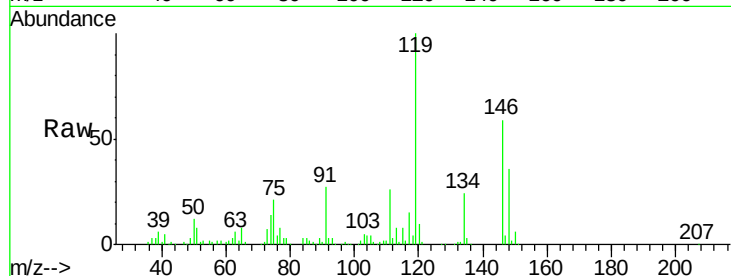
Tot Ion:146 Resp: 76407

Ion Ratio Lower Upper

146 100

111 43.2 21.7 65.1

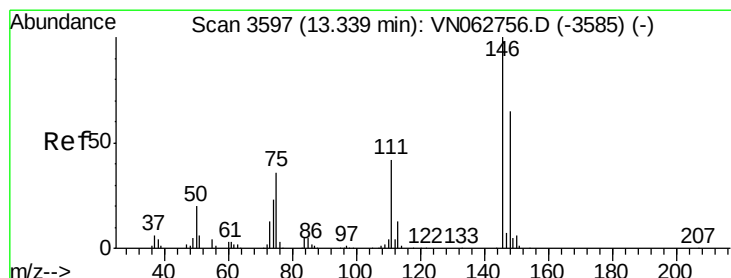
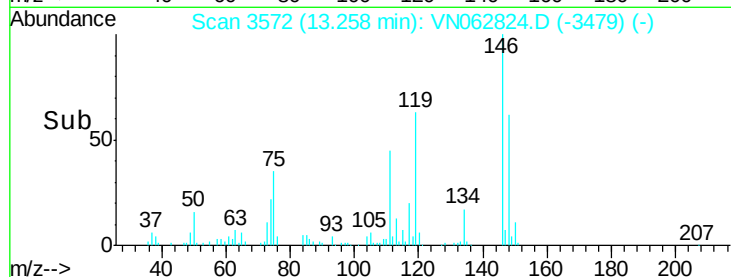
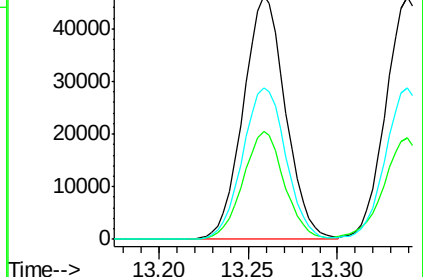
148 63.9 31.4 94.2



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: 19.685 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

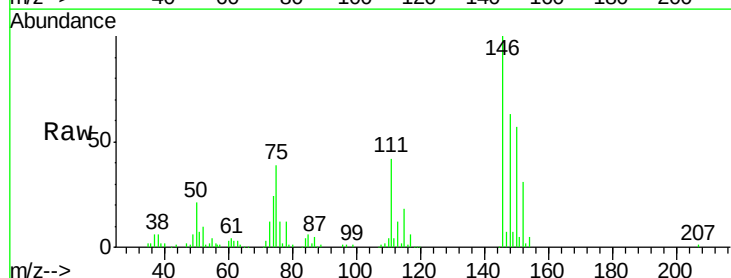
Tgt Ion:146 Resp: 76572

Ion Ratio Lower Upper

146 100

111 43.2 21.6 64.6

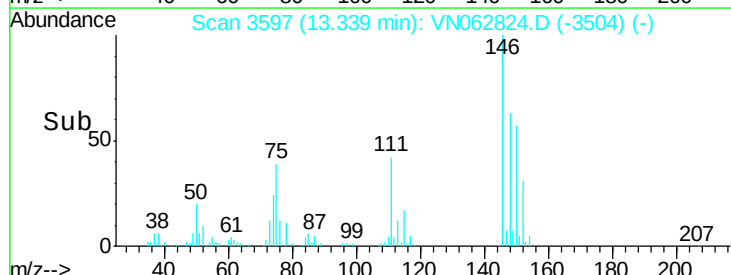
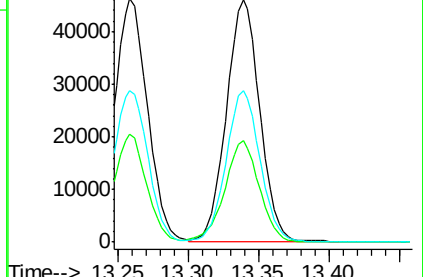
148 62.6 32.6 97.8

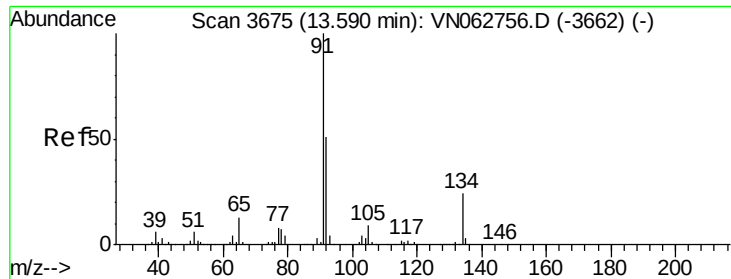


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

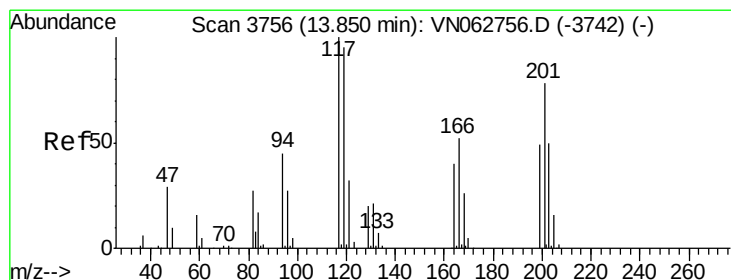
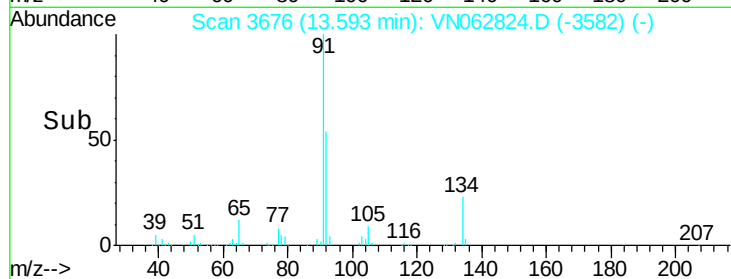
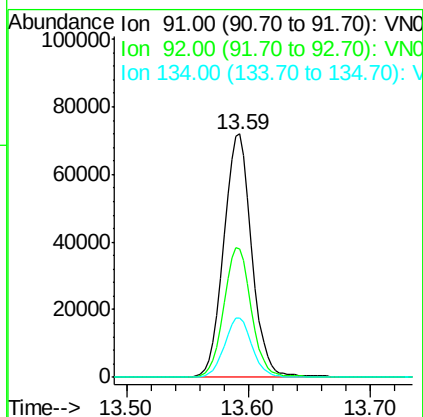
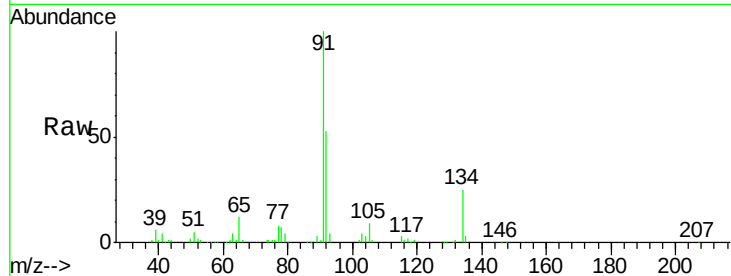




#89
n-Butylbenzene
Concen: 18.392 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

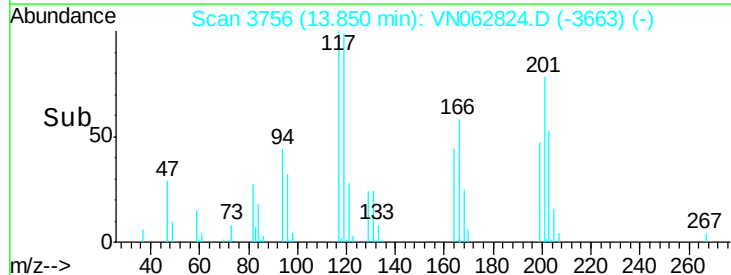
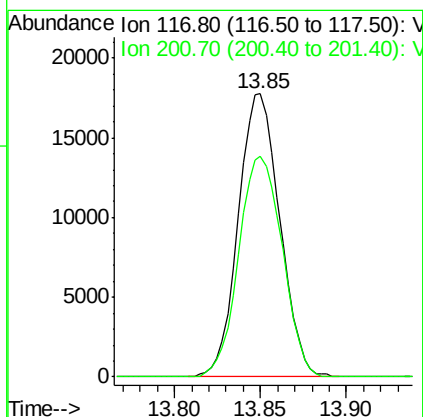
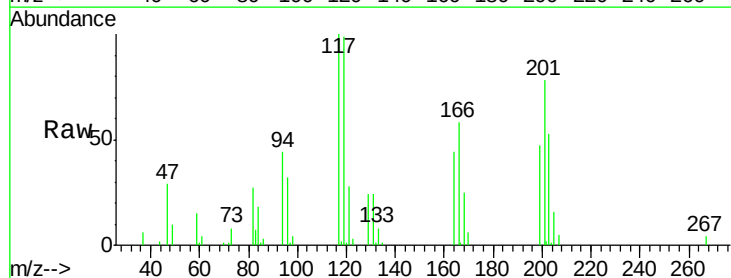
Instrument :
MSVOA_N
ClientSampled :
VN0811WBS01

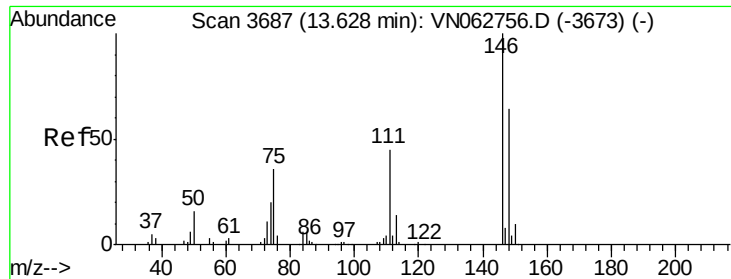
Tot Ion: 91 Resp: 116295
Ion Ratio Lower Upper
91 100
92 52.4 25.7 77.0
134 24.0 12.2 36.6



#90
Hexachloroethane
Concen: 18.501 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062824.D
Acq: 11 Aug 2020 12:39

Tgt Ion: 117 Resp: 29815
Ion Ratio Lower Upper
117 100
201 81.6 39.2 117.6

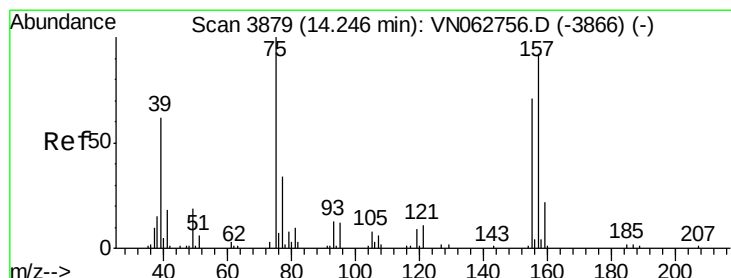
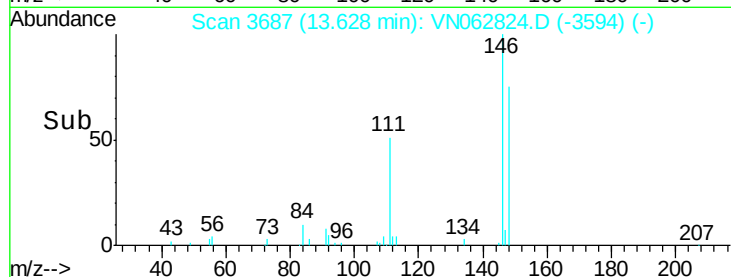
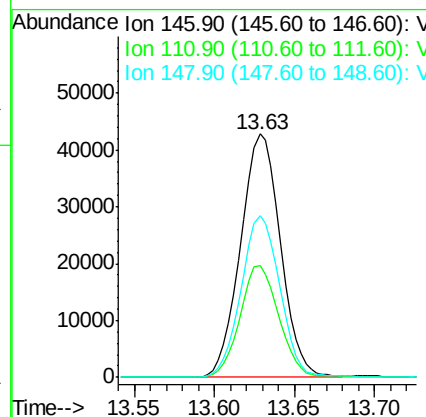
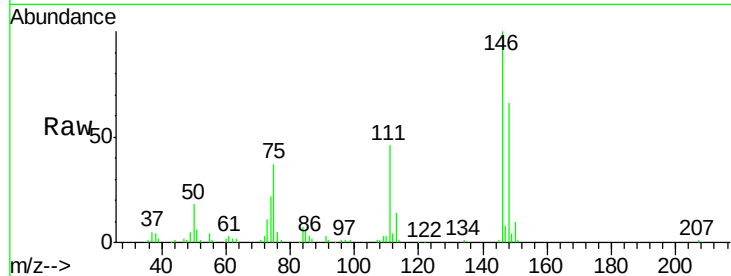




#91
 1,2-Dichlorobenzene
 Concen: 20.014 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

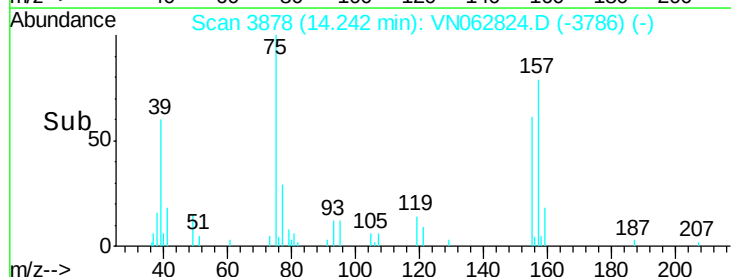
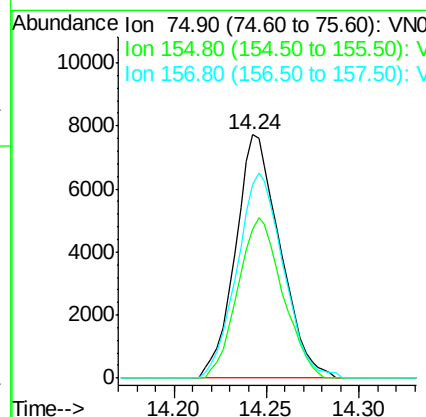
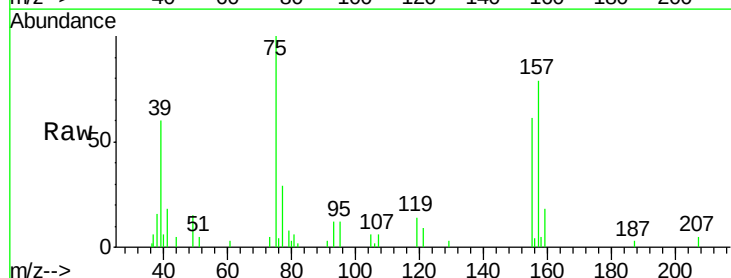
Instrument :
 MSVOA_N
 ClientSampled :
 VN0811WBS01

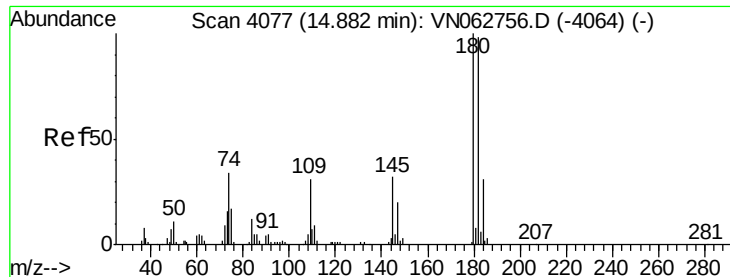
Tot Ion:146 Resp: 72768
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.8 68.4
 148 64.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.546 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

Tgt Ion: 75 Resp: 12906
 Ion Ratio Lower Upper
 75 100
 155 65.7 35.0 105.1
 157 86.9 43.2 129.6

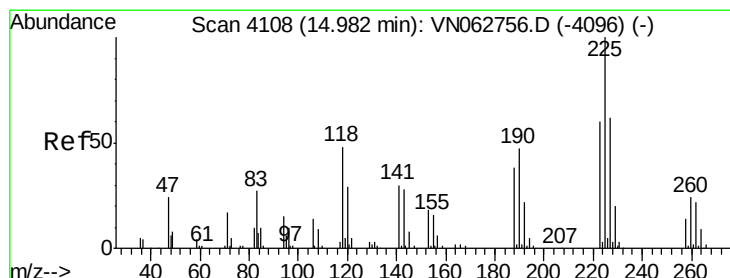
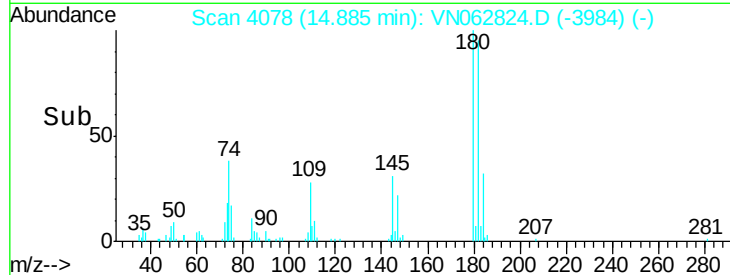
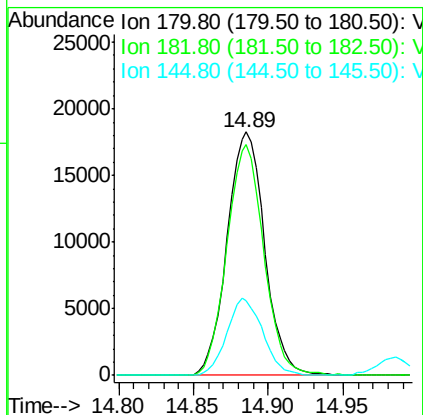
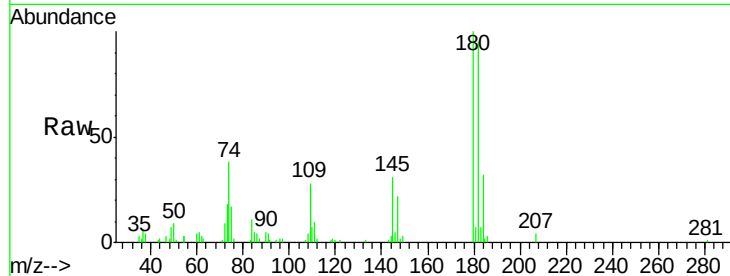




#93
 1,2,4-Trichlorobenzene
 Concen: 18.598 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

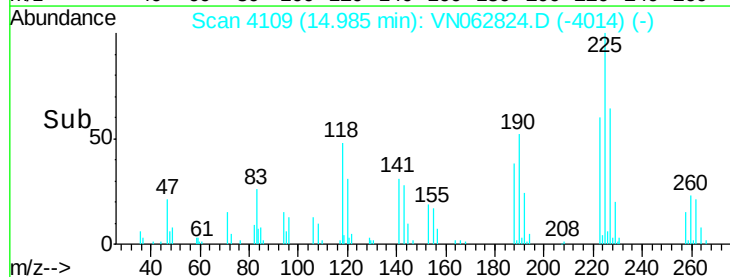
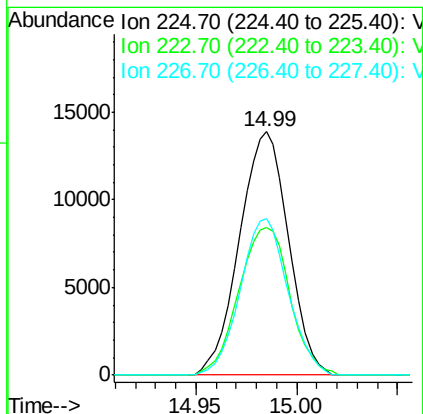
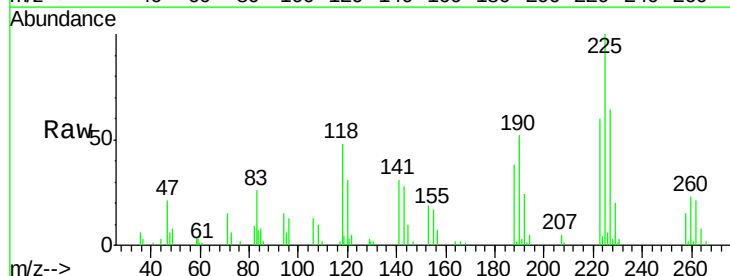
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBS01

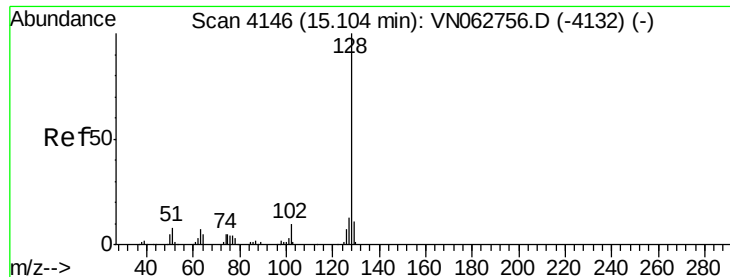
Tot Ion:180 Resp: 31952
 Ion Ratio Lower Upper
 180 100
 182 93.0 49.1 147.4
 145 30.1 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 19.657 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062824.D
 Acq: 11 Aug 2020 12:39

Tgt Ion:225 Resp: 23570
 Ion Ratio Lower Upper
 225 100
 223 63.3 30.6 92.0
 227 62.7 31.6 95.0





#95

Naphthalene

Concen: 17.594 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampled :

VN0811WBS01

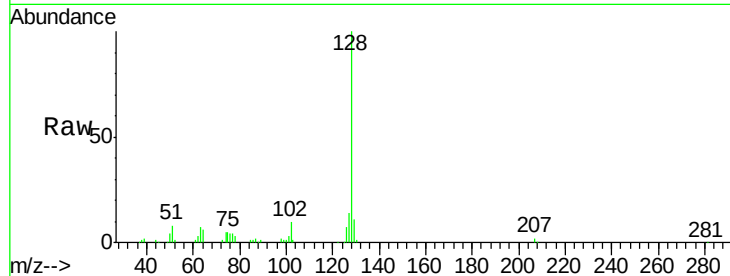
Tot Ion:128 Resp: 80002

Ion Ratio Lower Upper

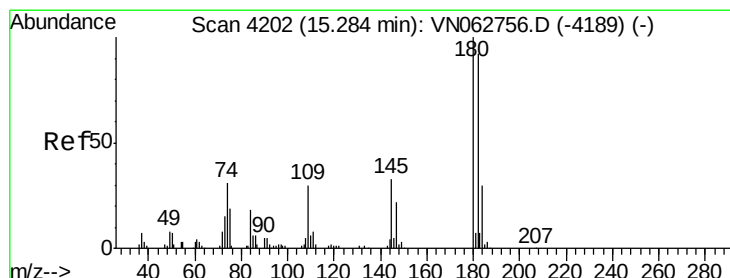
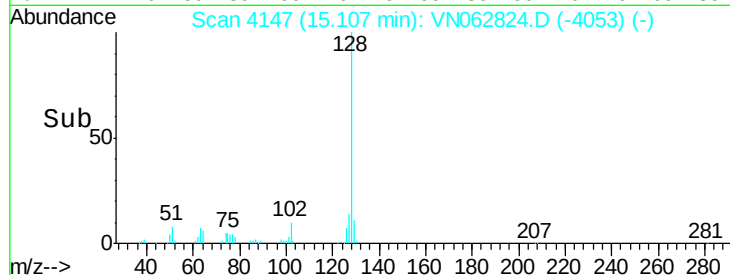
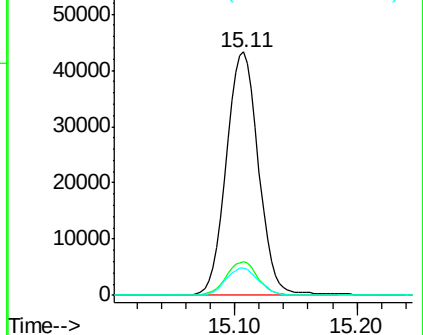
128 100

127 13.6 10.8 16.2

129 11.3 8.8 13.2



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: 18.823 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN062824.D

Acq: 11 Aug 2020 12:39

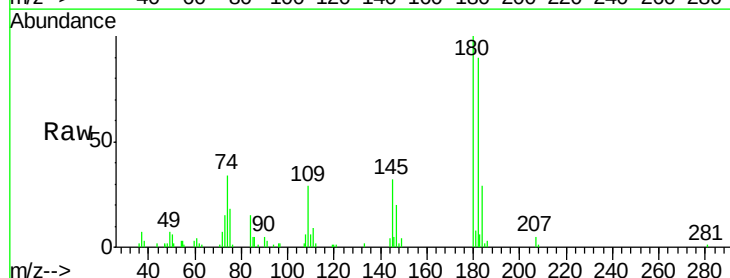
Tgt Ion:180 Resp: 32748

Ion Ratio Lower Upper

180 100

182 91.7 47.9 143.6

145 33.0 17.3 51.7



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

