

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122023\
 Data File : VL040918.D
 Acq On : 20 Dec 2023 13:39
 Operator : SY/MD
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 21 07:10:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 21 07:06:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.179	49	1237585	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	3097436	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2621128	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	1992497	10.320	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.864	85	14463	0.061	ppbv	96
3) Chlorodifluoromethane	2.684	51	18037	0.097	ppbv	98
4) Chloromethane	2.819	50	6189	0.090	ppbv #	76
5) Vinyl Chloride	2.928	62	5034	0.079	ppbv	89
6) Bromomethane	3.118	94	1242	0.042	ppbv #	49
7) Chloroethane	3.195	64	1122	0.047	ppbv #	69
8) Dichlorotetrafluoroethane	2.864	85	14463	0.085	ppbv	92
9) Propene	2.700	41	7166	0.117	ppbv	90
10) Heptane	7.558	43	11371	0.074	ppbv	91
11) Trichlorofluoromethane	3.558	101	15163	0.082	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.057	101	12326	0.086	ppbv	99
13) Ethanol	3.234	45	78	0.006	ppbv #	37
14) Bromoethene	3.366	108	3851	0.073	ppbv #	12
15) Acetone	3.494	43	21608	0.146	ppbv	97
16) 1,3-Butadiene	2.983	39	2116	0.033	ppbv #	9
17) tert-Butyl alcohol	3.874	59	611	0.006	ppbv #	72
18) 1,1-Dichloroethene	3.883	96	5322	0.090	ppbv #	62
19) Isopropyl Alcohol	3.597	45	2794	0.036	ppbv #	95
20) Methylene Chloride	3.931	84	9099	0.170	ppbv #	73
21) Allyl Chloride	3.993	41	5549	0.063	ppbv #	1
22) trans-1,2-Dichloroethene	4.439	96	4870	0.072	ppbv #	65
23) Vinyl Acetate	4.607	43	1068	0.006	ppbv #	19
24) 1,1-Dichloroethane	4.546	63	3689	0.025	ppbv #	96
25) Ethyl Acetate	5.208	43	20183	0.078	ppbv #	93
26) Hexane	5.202	57	7869	0.069	ppbv #	48
27) Carbon Disulfide	4.124	76	6652	0.043	ppbv #	1
28) Methyl tert-Butyl Ether	4.568	73	45	0.000	ppbv #	53
29) Chloroform	5.263	83	9500	0.049	ppbv	93
30) Cyclohexane	6.581	84	3528	0.037	ppbv #	1
31) cis-1,2-Dichloroethene	5.070	61	9387	0.080	ppbv #	73
32) 1,1,1-Trichloroethane	5.983	97	8837	0.048	ppbv #	23
34) 2-Butanone	4.764	43	428	0.003	ppbv #	54
35) Carbon Tetrachloride	6.478	117	12438	0.064	ppbv #	68
36) Benzene	6.353	78	9061	0.037	ppbv #	90
37) 1,2-Dichloroethane	5.793	62	9648	0.066	ppbv #	85
38) Trichloroethene	7.272	130	2003	0.022	ppbv #	9
39) 1,2-Dichloropropane	6.636	63	791316	8.293	ppbv #	24
40) 1,4-Dioxane	7.295	88	373	0.009	ppbv #	1
41) Tetrahydrofuran	5.555	42	127	0.001	ppbv #	38
42) Bromodichloromethane	7.227	83	15880	0.076	ppbv #	84
43) Methyl Methacrylate	7.455	69	1446	0.015	ppbv #	1
44) 2,2,4-Trimethylpentane	7.308	57	18340	0.045	ppbv #	43
45) t-1,3-Dichloropropene	8.690	75	1811	0.026	ppbv	89

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

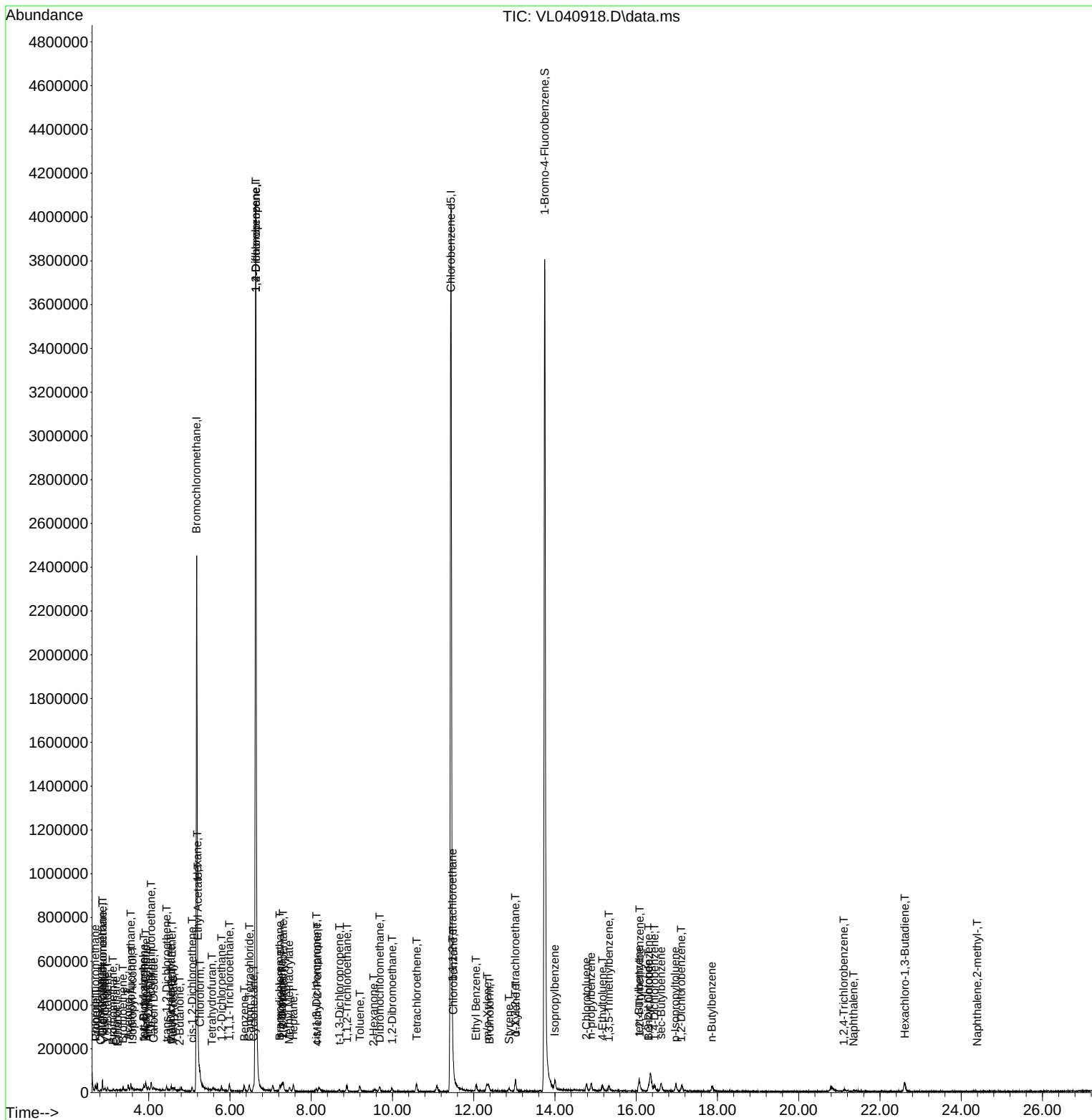
Instrument :
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 ClientSampleId :

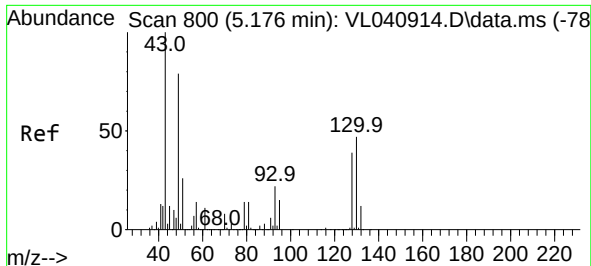
Quant Time: Dec 21 07:10:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 21 07:06:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	1191	0.014	ppbv	# 28
47) 1,1,2-Trichloroethane	8.880	97	5211	0.051	ppbv	# 67
48) Dibromochloromethane	9.687	129	5511	0.032	ppbv	# 1
49) Bromoform	12.391	173	1152	0.009	ppbv	# 1
50) 4-Methyl-2-Pentanone	8.153	43	168	0.001	ppbv	# 40
51) 2-Hexanone	9.536	43	459	0.003	ppbv	# 30
52) Tetrachloroethene	10.597	164	3528	0.043	ppbv	# 18
53) Toluene	9.201	91	6125	0.023	ppbv	# 20
54) 1,2-Dibromoethane	9.992	107	4358	0.031	ppbv	# 27
56) 1,1,1,2-Tetrachloroethane	11.481	131	4144	0.036	ppbv	# 1
57) Chlorobenzene	11.497	112	805	0.004	ppbv	# 68
58) Ethyl Benzene	12.057	91	11391	0.034	ppbv	# 96
59) m/p-Xylene	12.336	91	8340	0.029	ppbv	# 100
60) o-Xylene	13.034	91	9761	0.036	ppbv	# 48
61) Styrene	12.870	104	2937	0.023	ppbv	# 1
62) Isopropylbenzene	13.995	105	16289	0.041	ppbv	# 47
63) 1,1,2,2-Tetrachloroethane	13.024	83	10668	0.055	ppbv	# 52
64) n-propylbenzene	14.886	120	1866	0.018	ppbv	# 1
65) tert-Butylbenzene	16.066	119	8754	0.025	ppbv	# 17
66) Benzyl Chloride	16.304	91	316	0.013	ppbv	# 66
67) sec-Butylbenzene	16.613	105	27025	0.055	ppbv	# 92
69) p-Isopropyltoluene	16.960	119	5851	0.015	ppbv	# 1
70) n-Butylbenzene	17.857	91	2049	0.005	ppbv	# 33
71) 2-Chlorotoluene	14.773	91	19449	0.063	ppbv	# 90
72) 4-Ethyltoluene	15.166	105	7849	0.027	ppbv	# 34
73) 1,3,5-Trimethylbenzene	15.326	105	8392	0.033	ppbv	# 98
74) 1,2,4-Trimethylbenzene	16.085	105	11818	0.042	ppbv	# 80
75) 1,3-Dichlorobenzene	16.304	146	2411	0.015	ppbv	# 22
76) 1,4-Dichlorobenzene	16.449	146	2412	0.015	ppbv	# 1
77) 1,2-Dichlorobenzene	17.108	146	4048	0.026	ppbv	# 1
78) Hexachloro-1,3-Butadiene	22.612	225	3989	0.041	ppbv	# 1
79) Naphthalene	21.349	128	429	0.003	ppbv	# 69
80) Naphthalene,2-methyl-	24.394	142	76	0.003	ppbv	# 66
81) 1,2,4-Trichlorobenzene	21.108	180	508	0.006	ppbv	# 11

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

Quant Time: Dec 21 07:10:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 21 07:06:17 2023
Response via : Initial Calibration

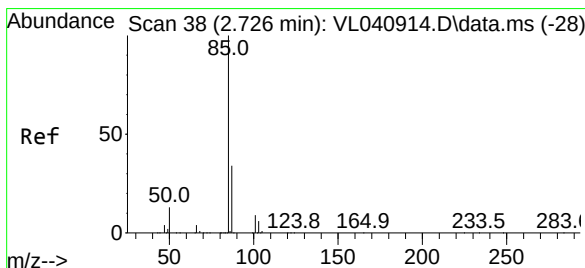
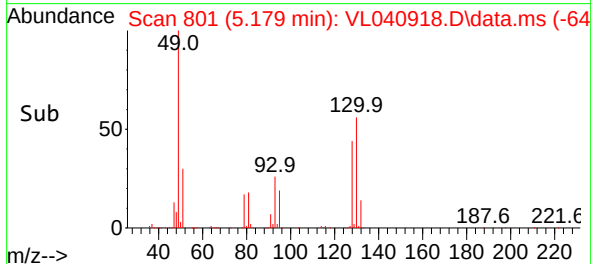
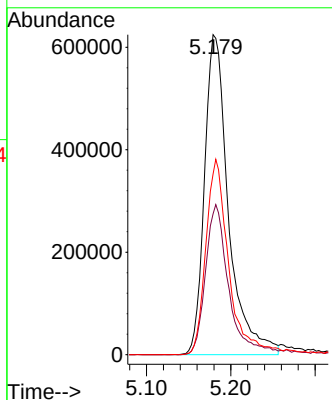
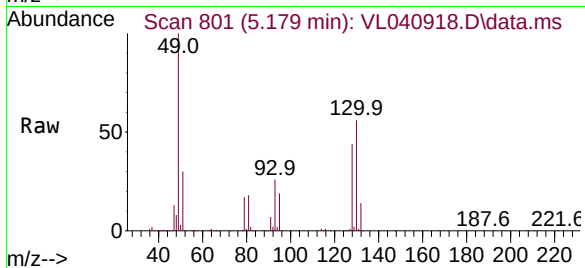




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.179 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VL040918.D
 Acq: 20 Dec 2023 13:39

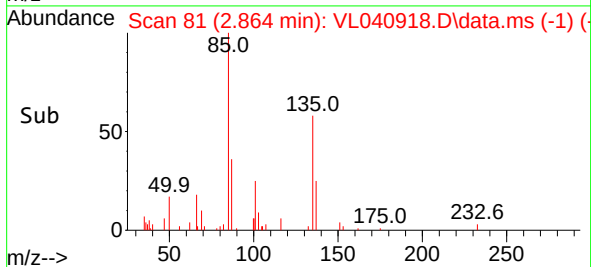
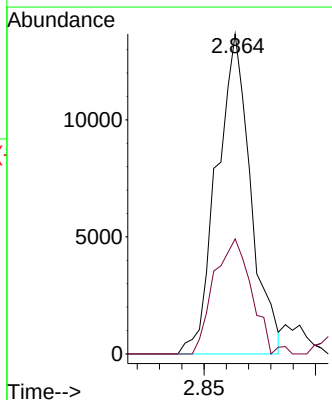
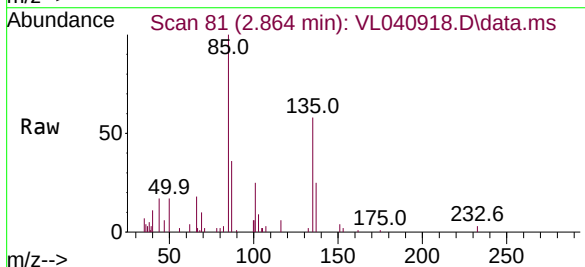
Instrument :
 MSVOA_L
 ClientSampleId :

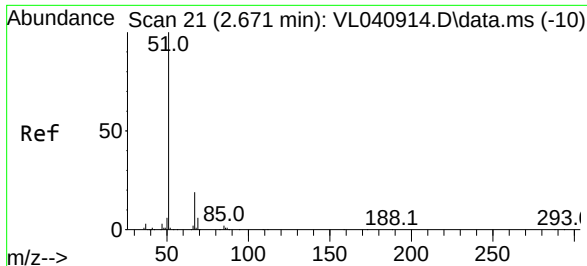
Tgt Ion: 49 Resp: 1237585
 Ion Ratio Lower Upper
 49 100
 128 46.7 23.8 71.2
 130 60.4 30.1 90.5



#2
 Dichlorodifluoromethane
 Concen: 0.061 ppbv
 RT: 2.864 min Scan# 81
 Delta R.T. 0.138 min
 Lab File: VL040918.D
 Acq: 20 Dec 2023 13:39

Tgt Ion: 85 Resp: 14463
 Ion Ratio Lower Upper
 85 100
 87 36.0 27.0 40.6

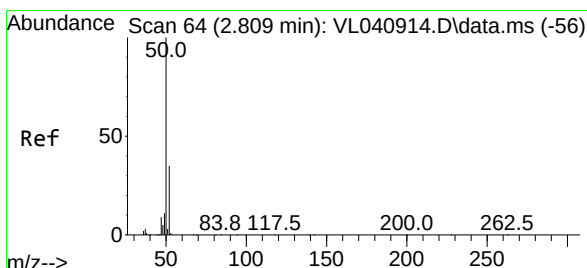
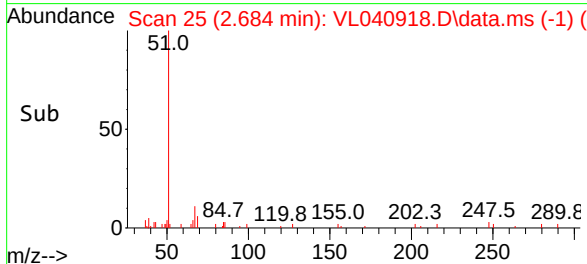
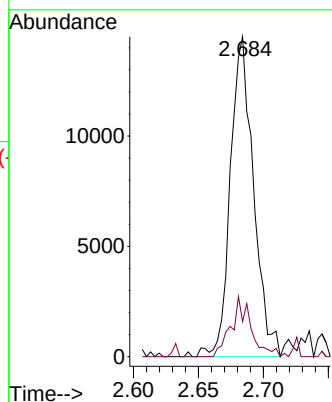
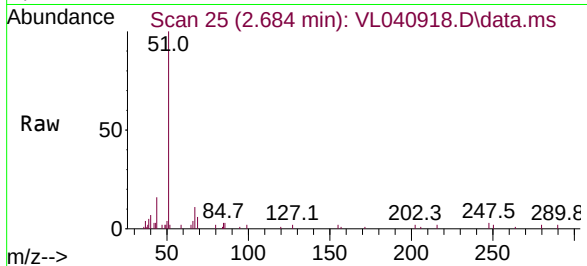




#3
Chlorodifluoromethane
Concen: 0.097 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

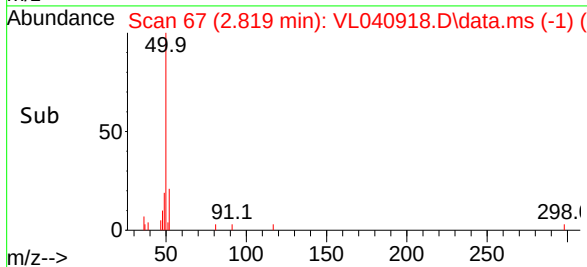
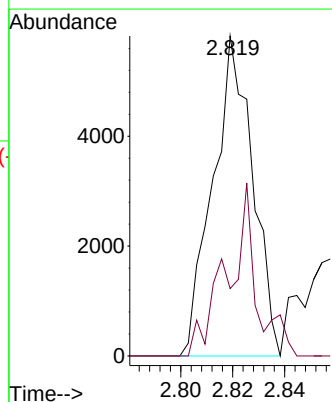
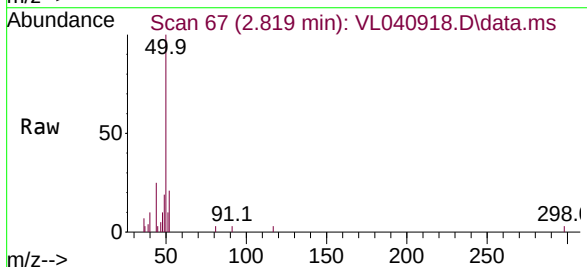
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MSVOA_L
ClientSampleId :

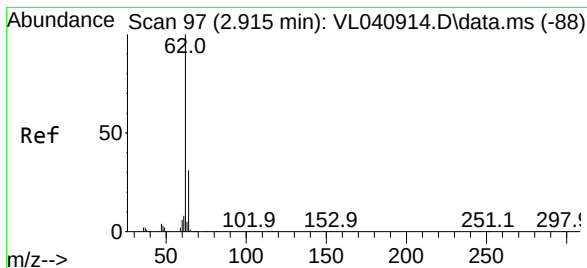
Tgt Ion: 51 Resp: 18037
Ion Ratio Lower Upper
51 100
67 17.6 14.7 22.1



#4
Chloromethane
Concen: 0.090 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.010 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 50 Resp: 6189
Ion Ratio Lower Upper
50 100
52 21.1 28.0 42.0#

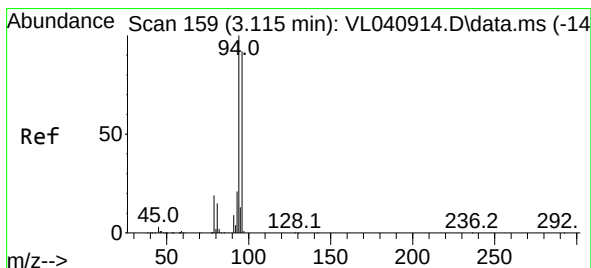
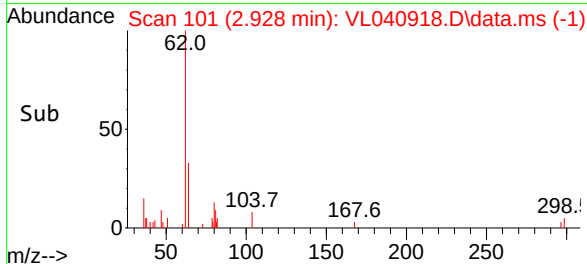
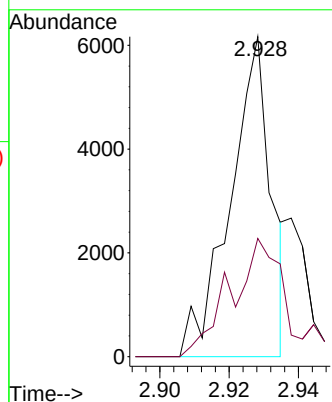
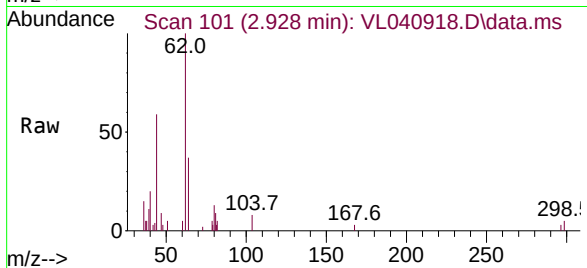




#5
 Vinyl Chloride
 Concen: 0.079 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.013 min
 Lab File: VL040918.D
 Acq: 20 Dec 2023 13:39

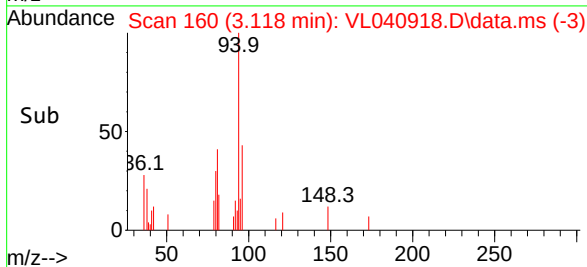
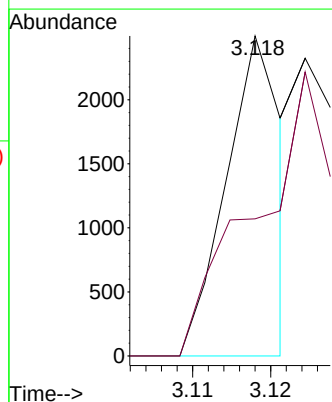
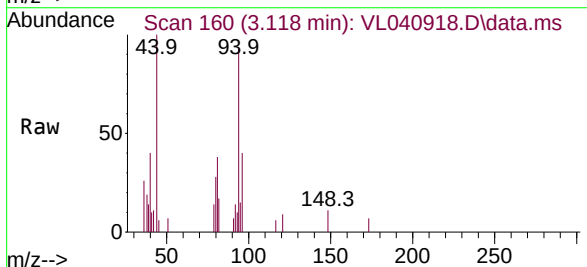
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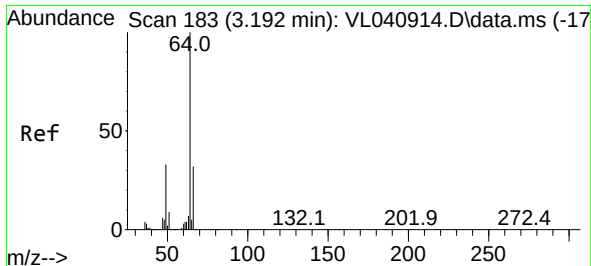
Tgt Ion: 62 Resp: 5034
 Ion Ratio Lower Upper
 62 100
 64 37.0 24.9 37.3



#6
 Bromomethane
 Concen: 0.042 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.003 min
 Lab File: VL040918.D
 Acq: 20 Dec 2023 13:39

Tgt Ion: 94 Resp: 1242
 Ion Ratio Lower Upper
 94 100
 96 42.9 73.2 109.8#

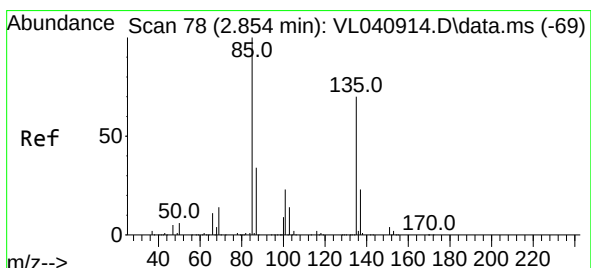
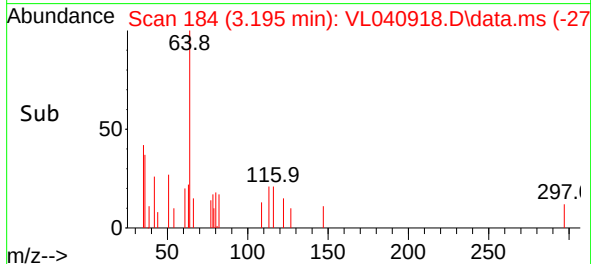
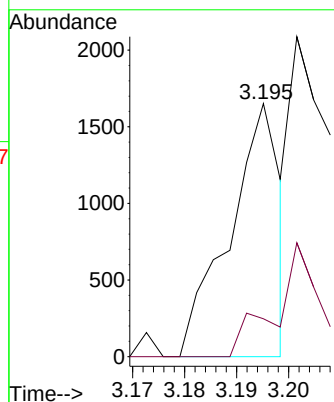
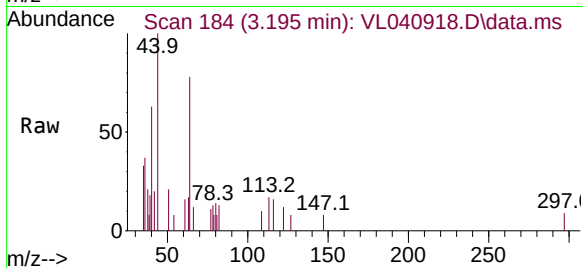




#7
Chloroethane
Concen: 0.047 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

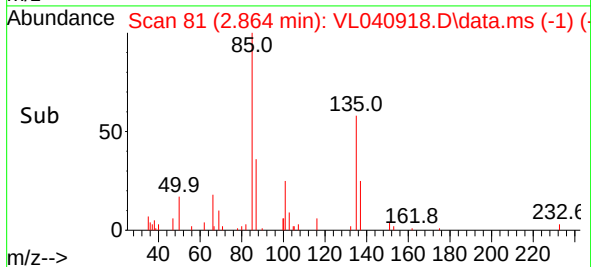
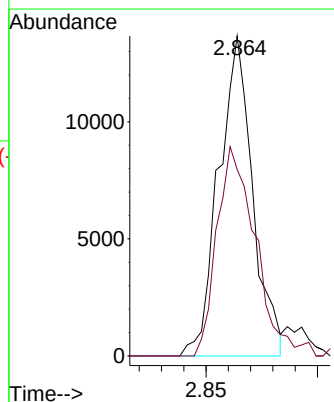
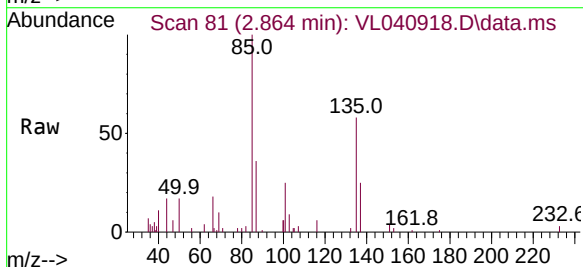
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ClientSampleId :

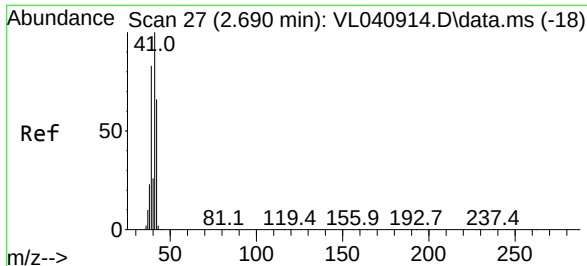
Tgt Ion: 64 Resp: 1122
Ion Ratio Lower Upper
64 100
66 15.0 25.7 38.5#



#8
Dichlorotetrafluoroethane
Concen: 0.085 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 85 Resp: 14463
Ion Ratio Lower Upper
85 100
135 76.3 55.8 83.8





#9

Propene

Concen: 0.117 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.010 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

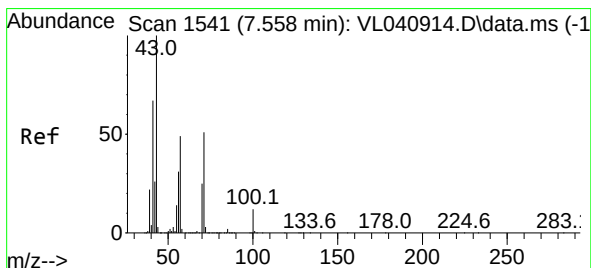
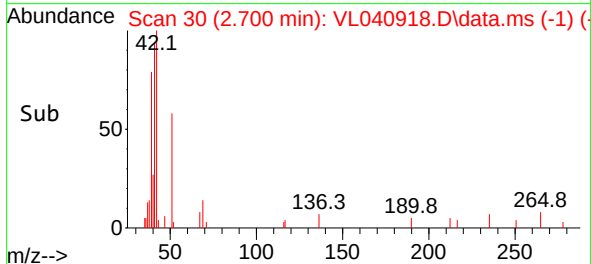
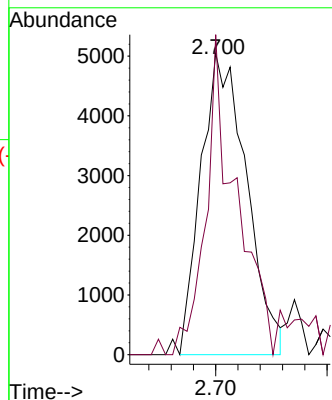
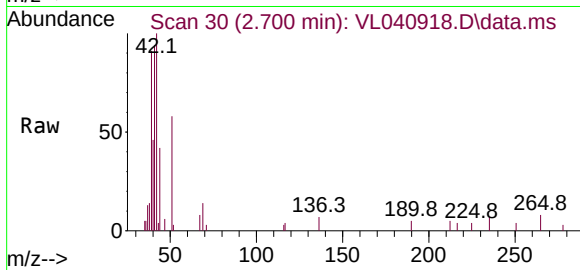
ClientSampleId :

Tgt Ion: 41 Resp: 7166

Ion Ratio Lower Upper

41 100

42 78.1 55.8 83.6



#10

Heptane

Concen: 0.074 ppbv

RT: 7.558 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VL040918.D

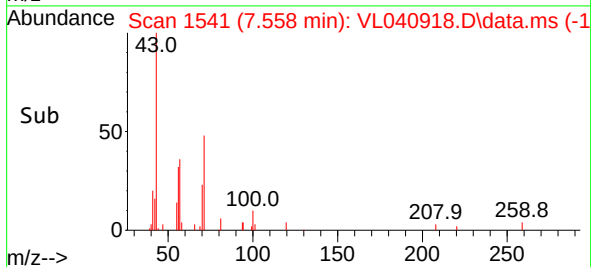
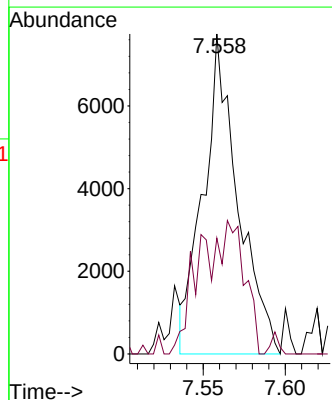
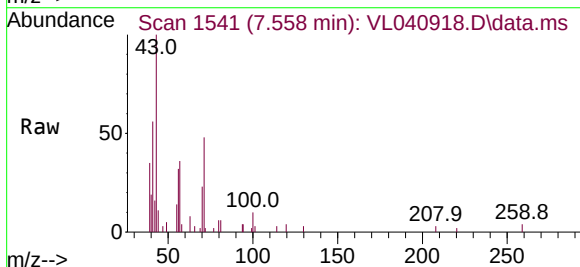
Acq: 20 Dec 2023 13:39

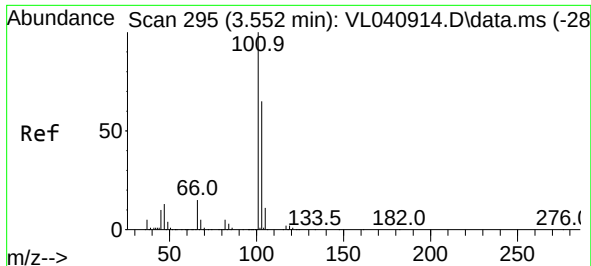
Tgt Ion: 43 Resp: 11371

Ion Ratio Lower Upper

43 100

57 55.2 39.3 58.9

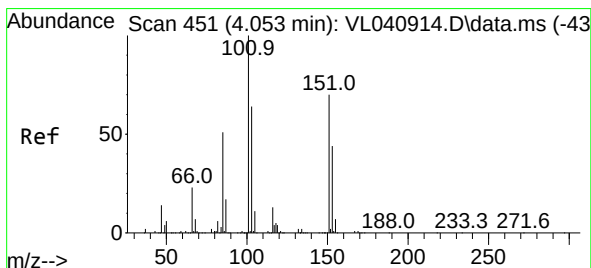
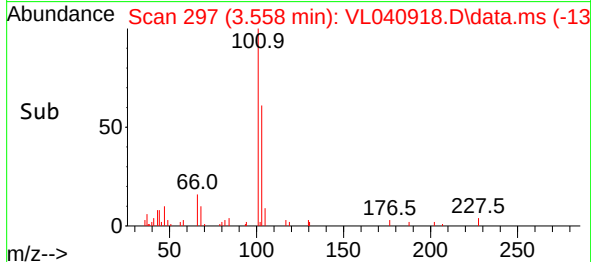
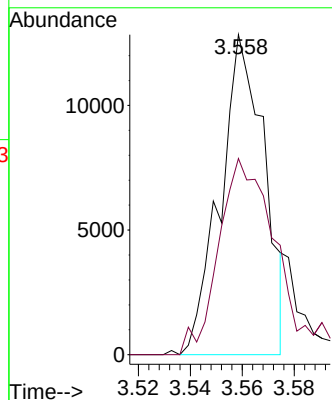
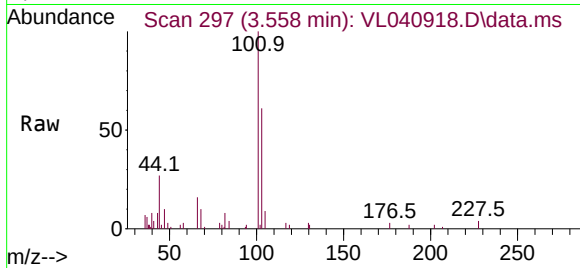




#11
 Trichlorofluoromethane
 Concen: 0.082 ppbv
 RT: 3.558 min Scan# 295
 Delta R.T. 0.007 min
 Lab File: VL040918.D
 Acq: 20 Dec 2023 13:39

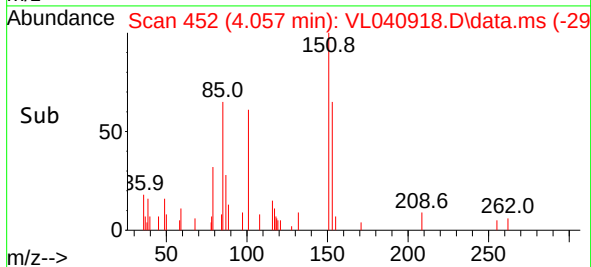
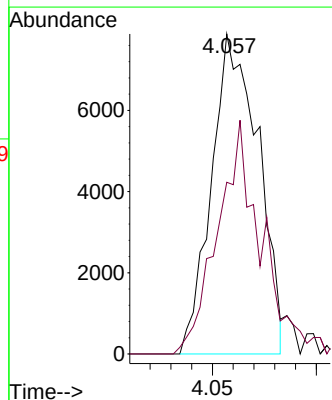
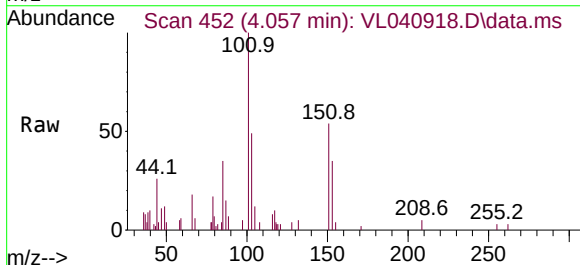
Instrument :
 MSVOA_L
 ClientSampleId :

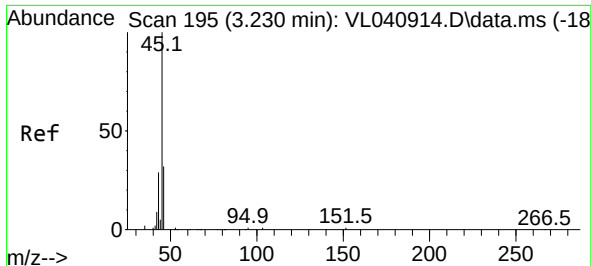
Tgt Ion:101 Resp: 15163
 Ion Ratio Lower Upper
 101 100
 103 61.3 51.9 77.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.086 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.003 min
 Lab File: VL040918.D
 Acq: 20 Dec 2023 13:39

Tgt Ion:101 Resp: 12326
 Ion Ratio Lower Upper
 101 100
 151 69.0 55.8 83.8

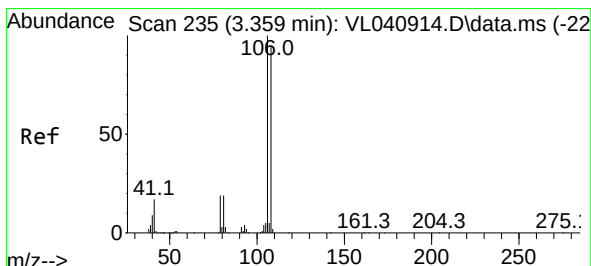
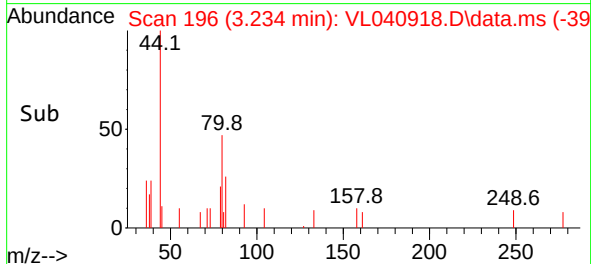
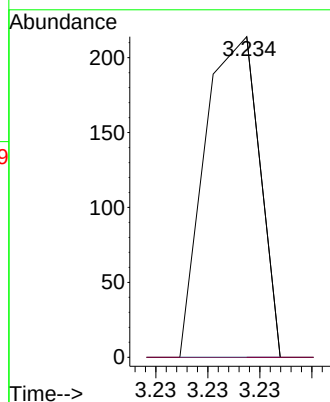
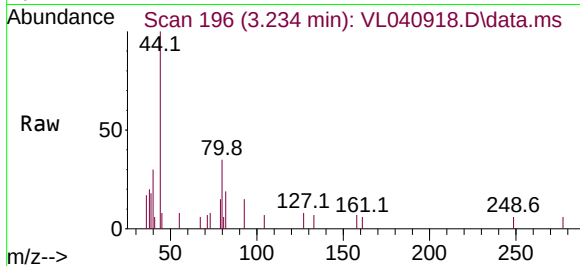




#13
Ethanol
Concen: 0.006 ppbv
RT: 3.234 min Scan# 195
Delta R.T. 0.003 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

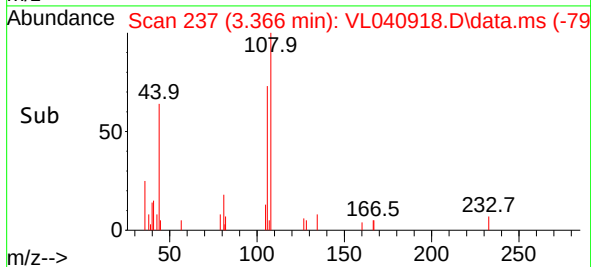
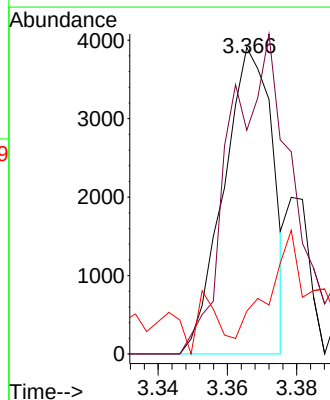
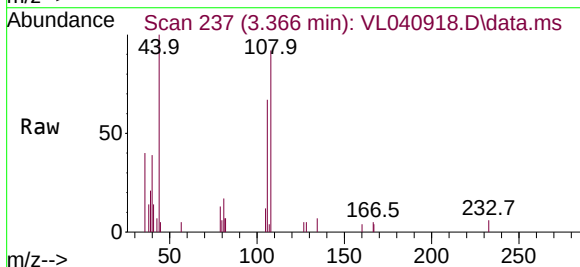
Instrument :
MSVOA_L
ClientSampleId :

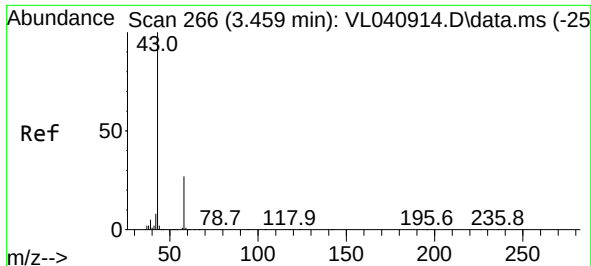
Tgt Ion: 45 Resp: 78
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.0#



#14
Bromoethene
Concen: 0.073 ppbv
RT: 3.366 min Scan# 237
Delta R.T. 0.007 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 108 Resp: 3851
Ion Ratio Lower Upper
108 100
106 0.0 87.5 131.3#
79 22.0 16.6 24.8

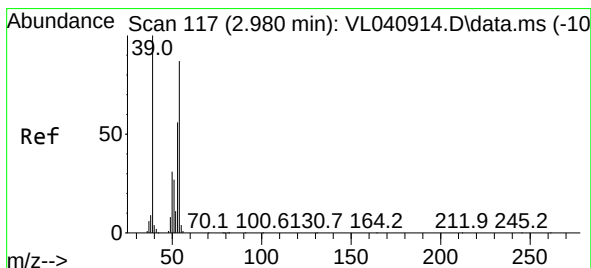
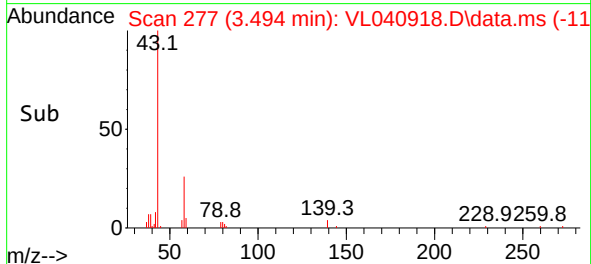
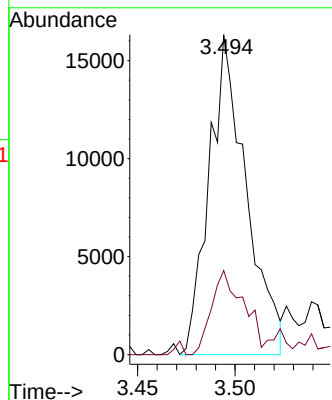
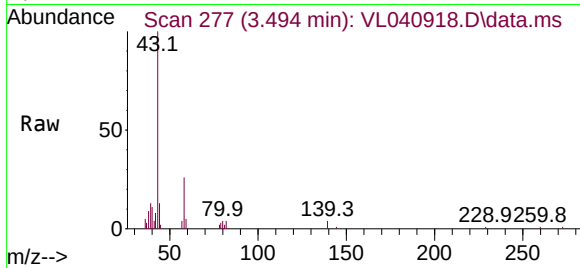




#15
Acetone
Concen: 0.146 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.036 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

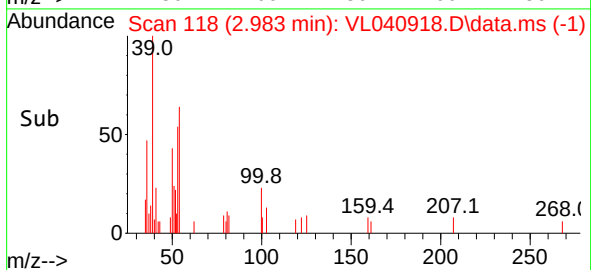
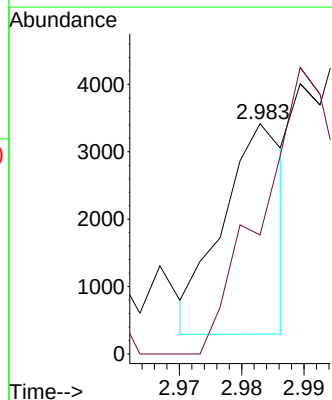
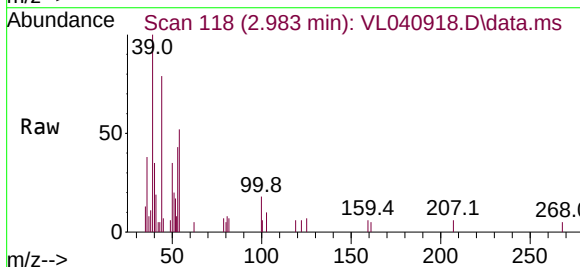
Instrument :
MSVOA_L
ClientSampleId :

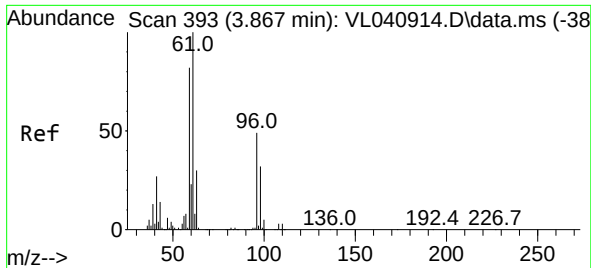
Tgt Ion: 43 Resp: 21608
Ion Ratio Lower Upper
43 100
58 27.0 20.6 30.8



#16
1,3-Butadiene
Concen: 0.033 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.003 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 39 Resp: 2116
Ion Ratio Lower Upper
39 100
54 0.0 63.8 95.6#

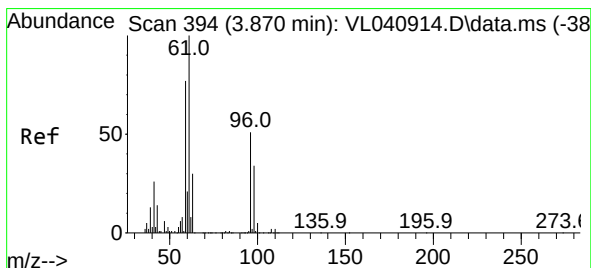
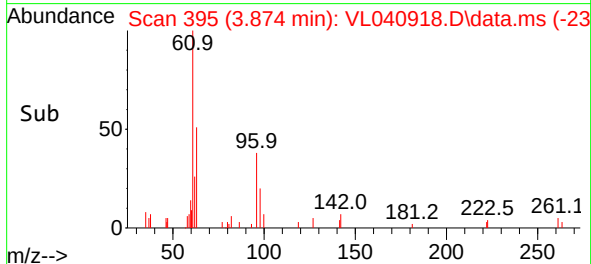
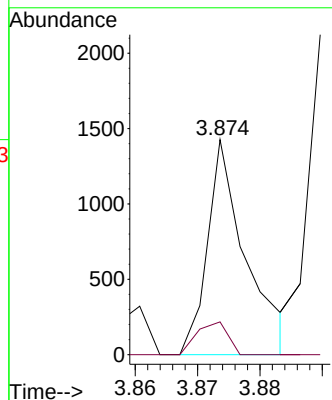
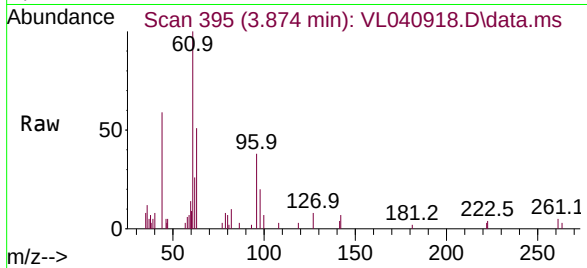




#17
tert-Butyl alcohol
Concen: 0.006 ppbv
RT: 3.874 min Scan# 393
Delta R.T. 0.007 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

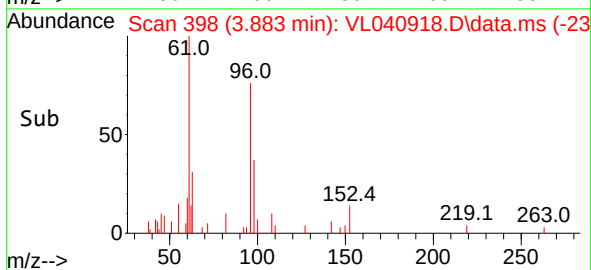
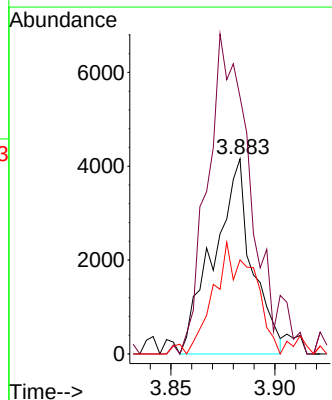
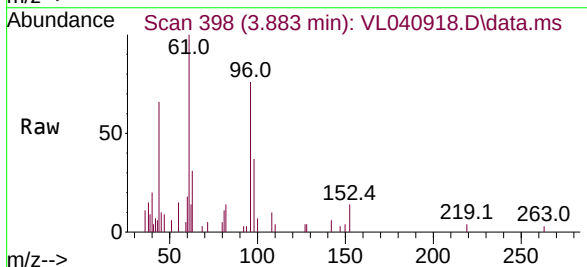
Instrument :
MSVOA_L
ClientSampleId :

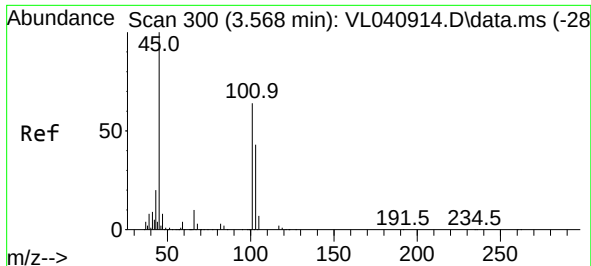
Tgt Ion: 59 Resp: 611
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#18
1,1-Dichloroethene
Concen: 0.090 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.013 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 96 Resp: 5322
Ion Ratio Lower Upper
96 100
61 131.7 156.6 235.0#
98 48.2 52.5 78.7#

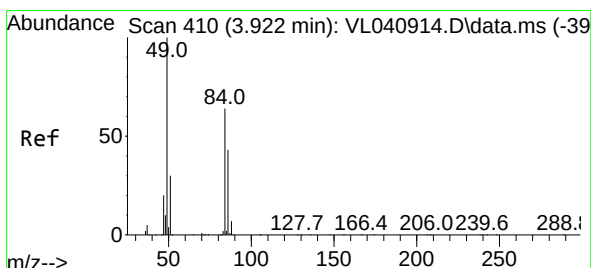
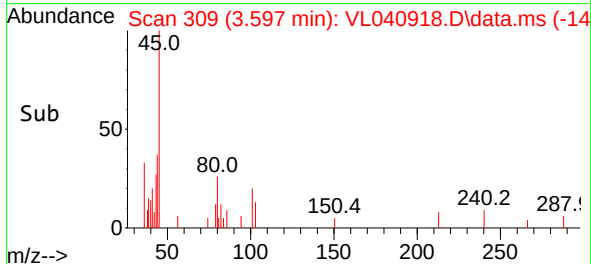
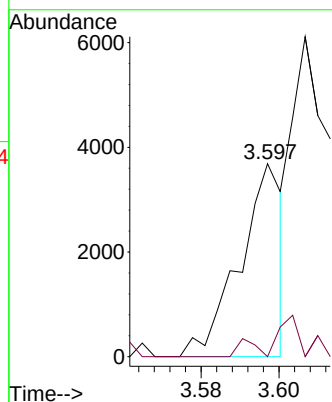
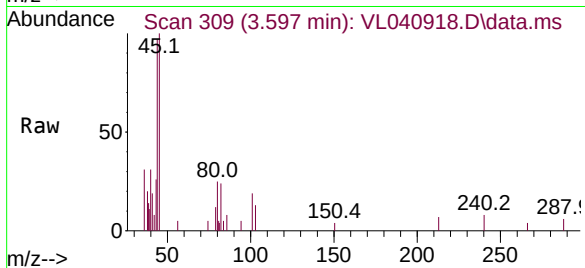




#19
Isopropyl Alcohol
Concen: 0.036 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.029 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

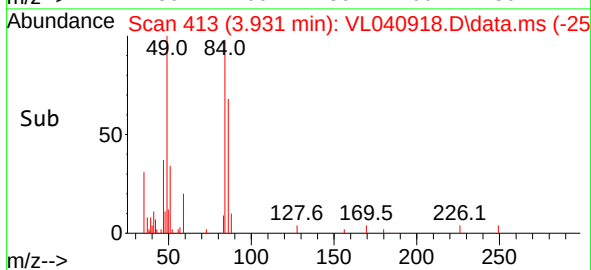
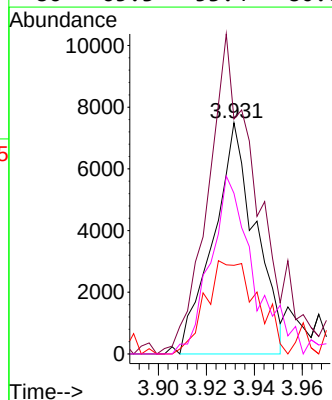
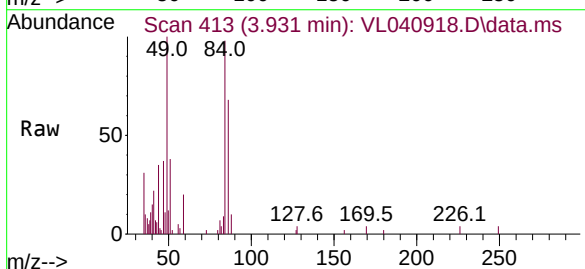
Instrument :
MSVOA_L
ClientSampleId :

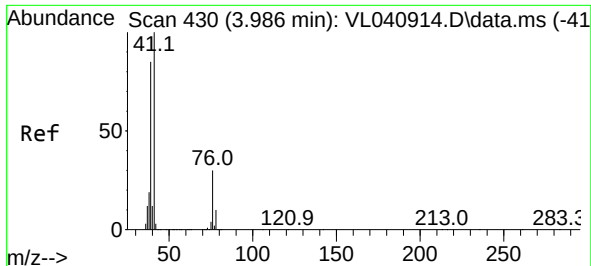
Tgt Ion: 45 Resp: 2794
Ion Ratio Lower Upper
45 100
58 0.0 1.5 2.3#



#20
Methylene Chloride
Concen: 0.170 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.010 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 84 Resp: 9099
Ion Ratio Lower Upper
84 100
49 101.4 124.6 187.0#
51 36.2 37.2 55.8#
86 65.3 53.4 80.0





#21

Allyl Chloride

Concen: 0.063 ppbv

RT: 3.993 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

ClientSampleId :

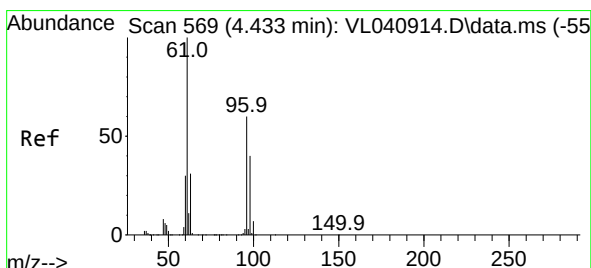
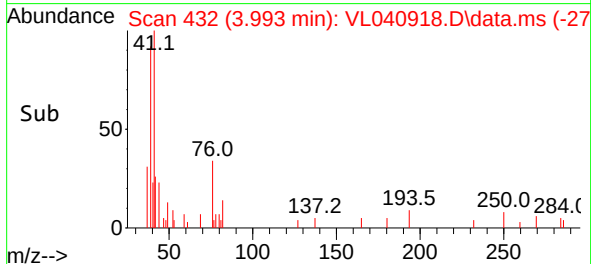
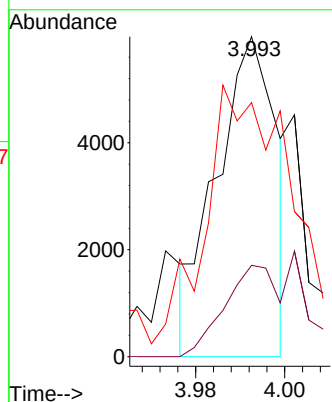
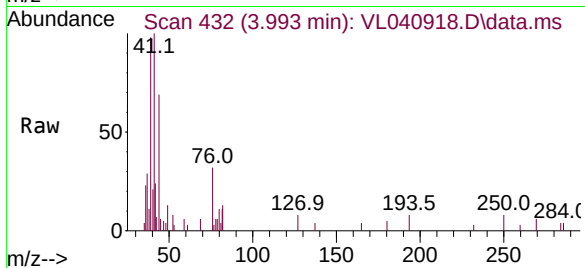
Tgt Ion: 41 Resp: 5549

Ion Ratio Lower Upper

41 100

76 0.0 23.9 35.9#

39 187.7 66.5 99.7#



#22

trans-1,2-Dichloroethene

Concen: 0.072 ppbv

RT: 4.439 min Scan# 571

Delta R.T. 0.007 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

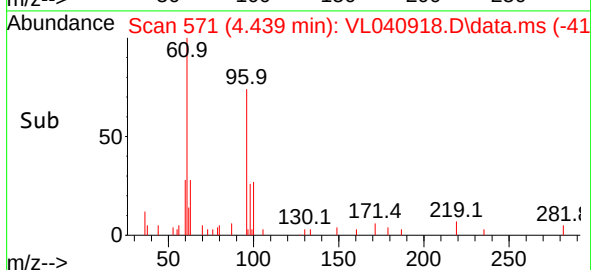
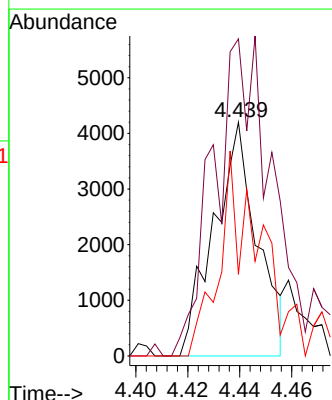
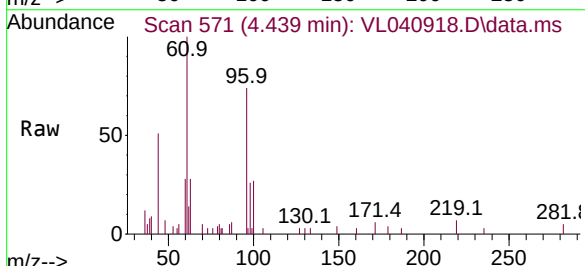
Tgt Ion: 96 Resp: 4870

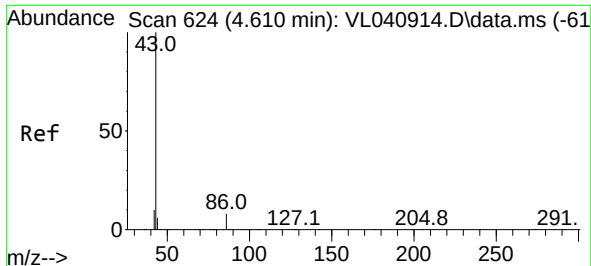
Ion Ratio Lower Upper

96 100

61 123.4 133.0 199.6#

98 33.7 53.7 80.5#

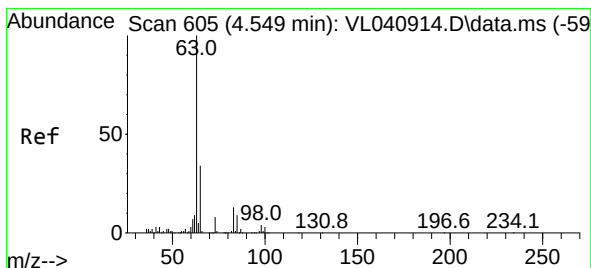
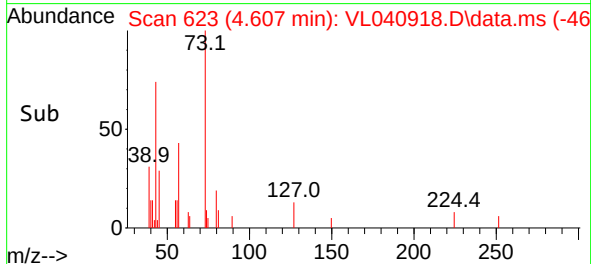
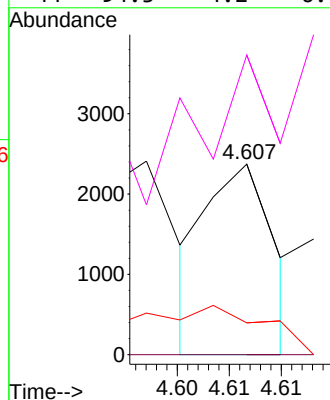
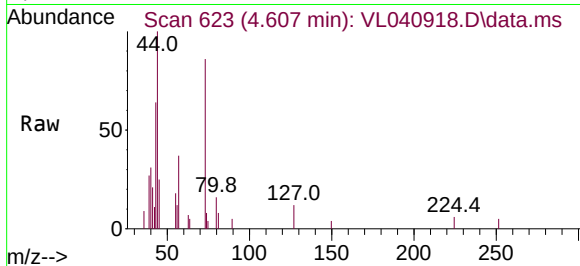




#23
 Vinyl Acetate
 Concen: 0.006 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL040918.D
 Acq: 20 Dec 2023 13:39

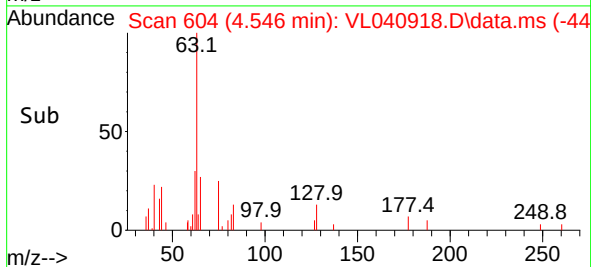
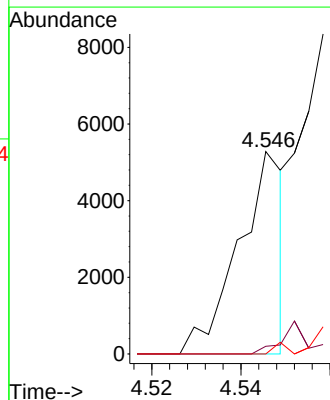
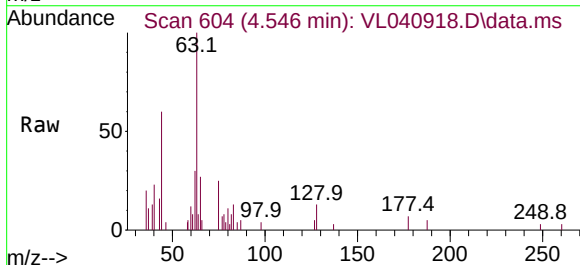
Instrument :
 MSVOA_L
 ClientSampleId :

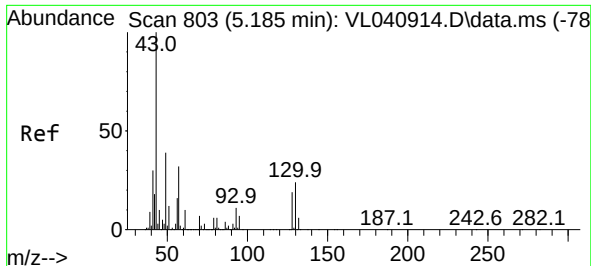
Tgt Ion: 43 Resp: 1068
 Ion Ratio Lower Upper
 43 100
 86 0.0 5.5 8.3#
 42 0.0 8.4 12.6#
 44 94.3 4.2 6.4#



#24
 1,1-Dichloroethane
 Concen: 0.025 ppbv
 RT: 4.546 min Scan# 604
 Delta R.T. -0.003 min
 Lab File: VL040918.D
 Acq: 20 Dec 2023 13:39

Tgt Ion: 63 Resp: 3689
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.1 6.5
 100 0.0 1.4 4.2#



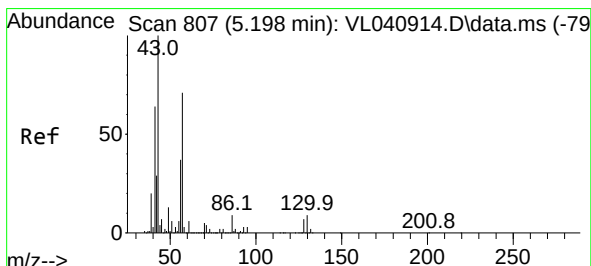
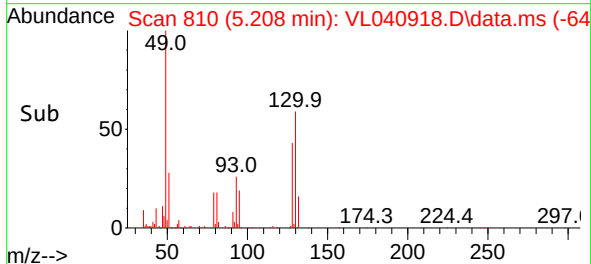
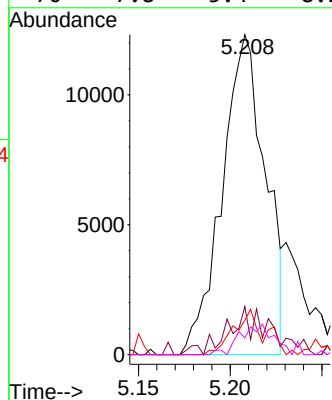
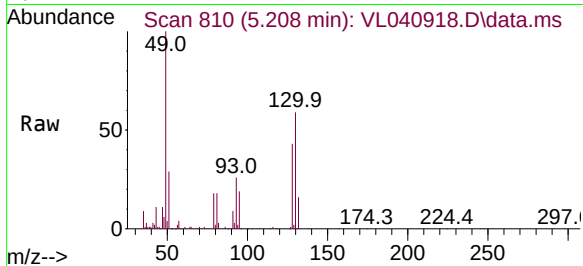


#25
Ethyl Acetate
Concen: 0.078 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.023 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 20183

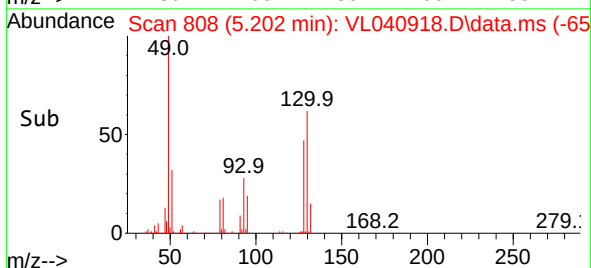
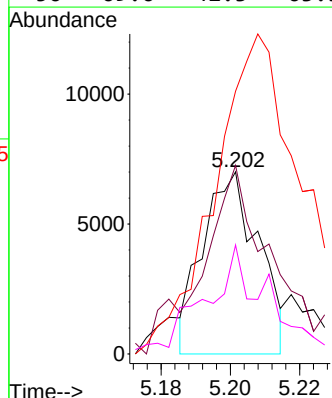
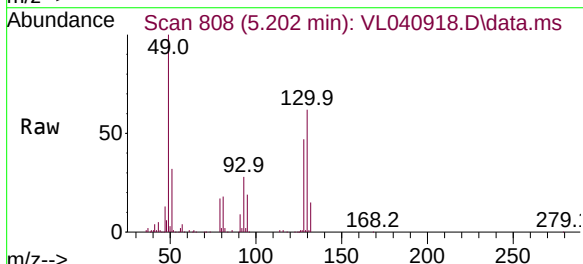
Ion	Ratio	Lower	Upper
43	100		
45	15.5	8.2	12.2#
61	10.1	7.6	11.4
70	7.8	5.4	8.2

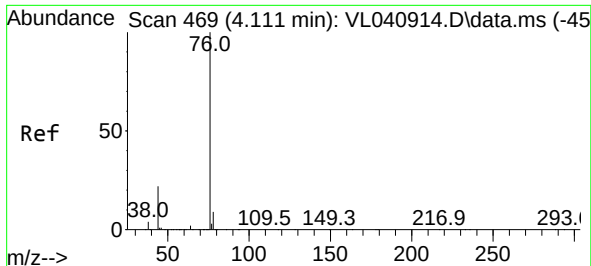


#26
Hexane
Concen: 0.069 ppbv
RT: 5.202 min Scan# 808
Delta R.T. 0.003 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 57 Resp: 7869

Ion	Ratio	Lower	Upper
57	100		
41	141.0	75.2	112.8#
43	334.5	188.0	282.0#
56	69.6	42.3	63.5#

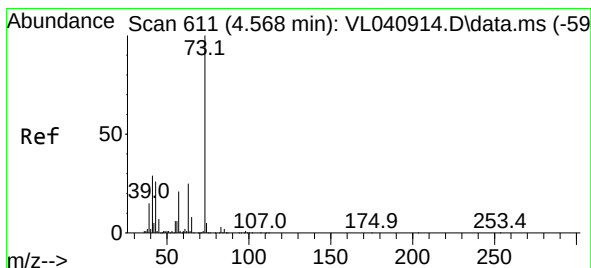
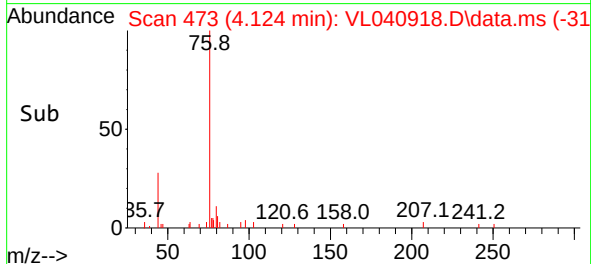
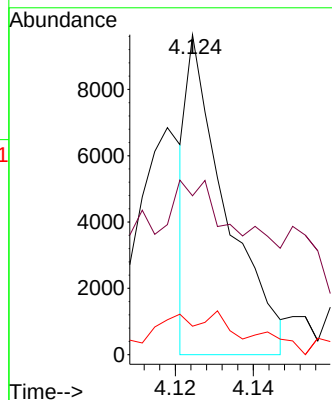
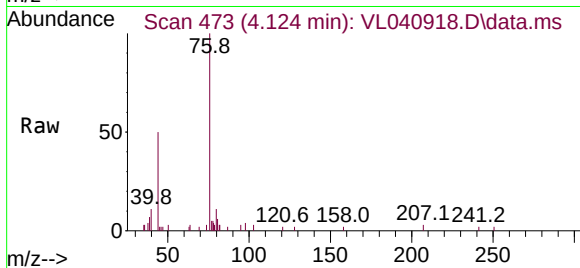




#27
Carbon Disulfide
Concen: 0.043 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

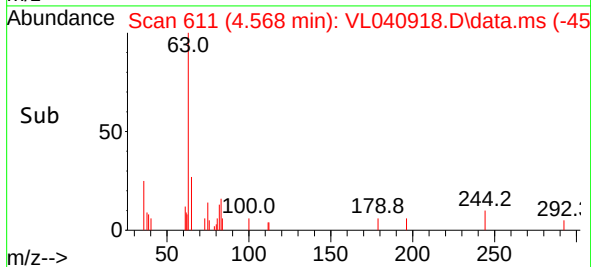
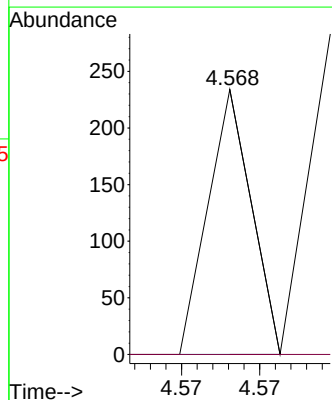
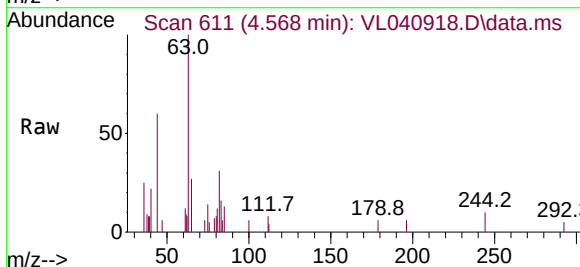
Instrument :
MSVOA_L
ClientSampleId :

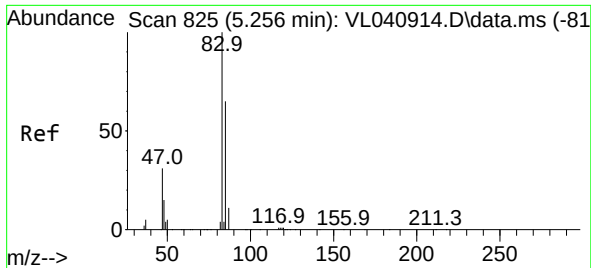
Tgt Ion: 76 Resp: 6652
Ion Ratio Lower Upper
76 100
44 87.9 18.4 27.6#
78 35.1 7.9 11.9#



#28
Methyl tert-Butyl Ether
Concen: 0.000 ppbv
RT: 4.568 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 73 Resp: 45
Ion Ratio Lower Upper
73 100
57 0.0 18.0 27.0#

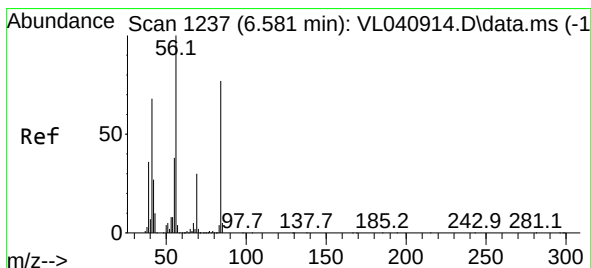
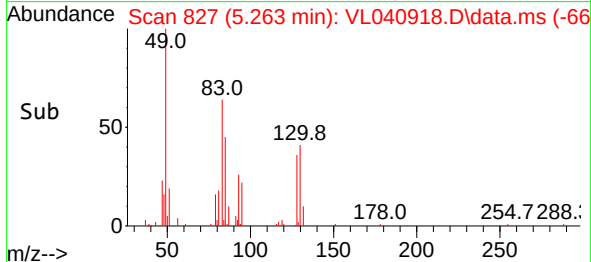
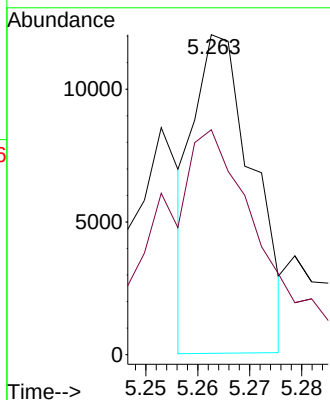
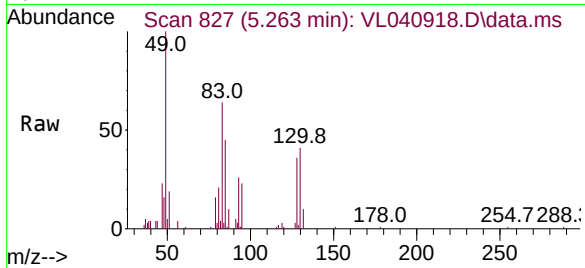




#29
Chloroform
Concen: 0.049 ppbv
RT: 5.263 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

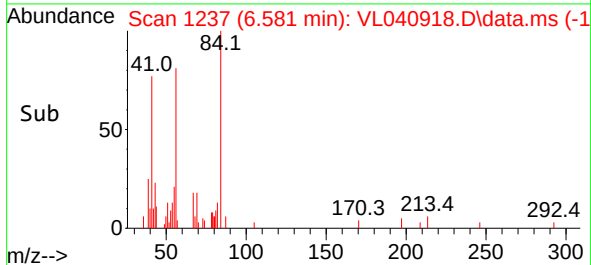
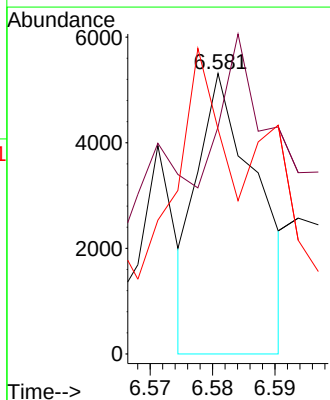
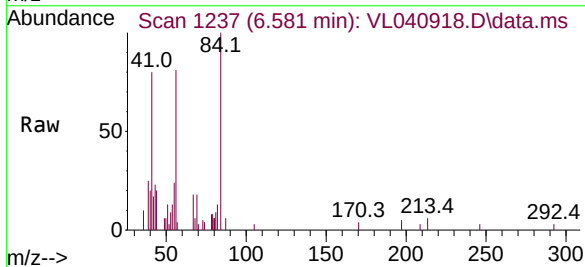
Instrument :
MSVOA_L
ClientSampleId :

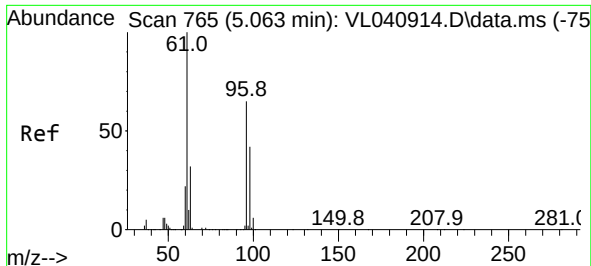
Tgt Ion: 83 Resp: 9500
Ion Ratio Lower Upper
83 100
85 59.5 52.3 78.5



#30
Cyclohexane
Concen: 0.037 ppbv
RT: 6.581 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 84 Resp: 3528
Ion Ratio Lower Upper
84 100
56 0.0 111.4 167.2#
41 284.2 70.0 105.0#

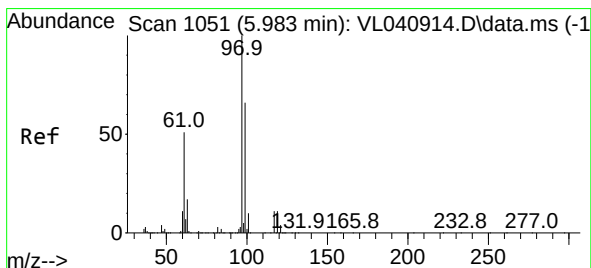
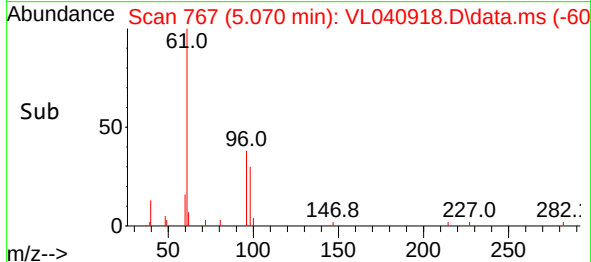
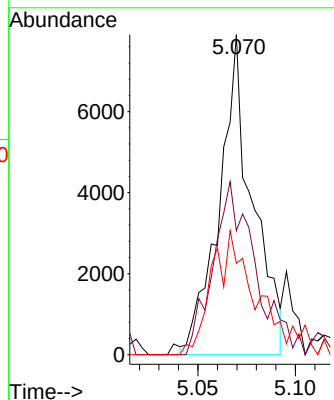
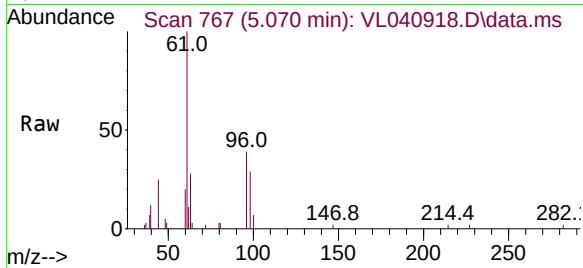




#31
 cis-1,2-Dichloroethene
 Concen: 0.080 ppbv
 RT: 5.070 min Scan# 765
 Delta R.T. 0.007 min
 Lab File: VL040918.D
 Acq: 20 Dec 2023 13:39

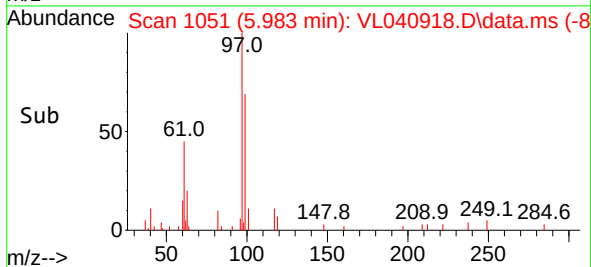
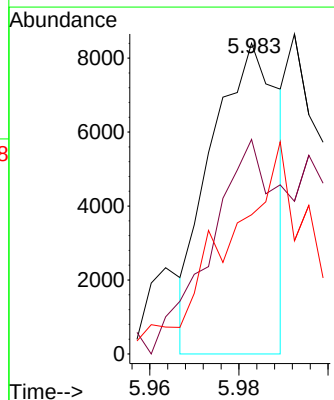
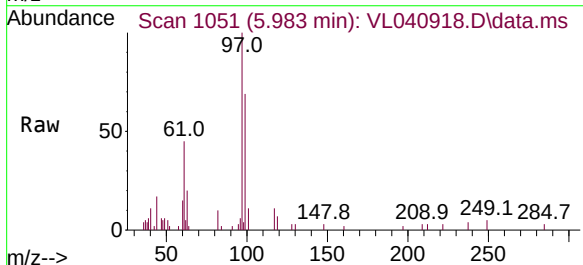
Instrument :
 MSVOA_L
 ClientSampleId :

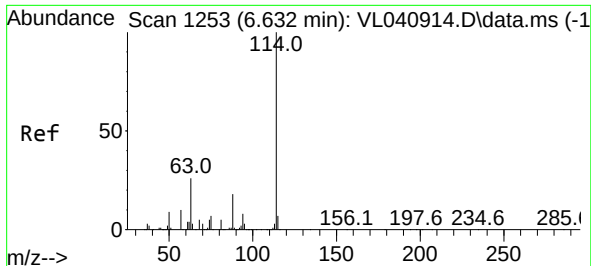
Tgt Ion: 61 Resp: 9387
 Ion Ratio Lower Upper
 61 100
 96 39.7 51.7 77.5#
 98 29.3 33.2 49.8#



#32
 1,1,1-Trichloroethane
 Concen: 0.048 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. 0.000 min
 Lab File: VL040918.D
 Acq: 20 Dec 2023 13:39

Tgt Ion: 97 Resp: 8837
 Ion Ratio Lower Upper
 97 100
 99 127.7 51.8 77.6#
 61 0.0 41.0 61.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.636 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

ClientSampleId :

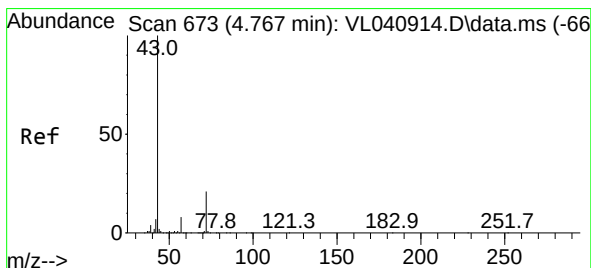
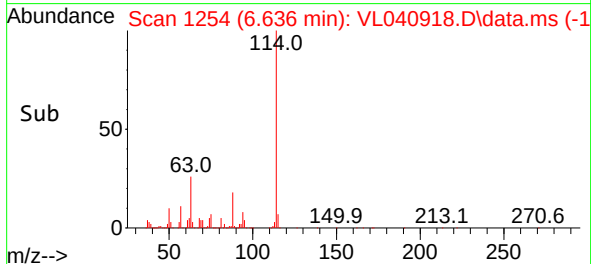
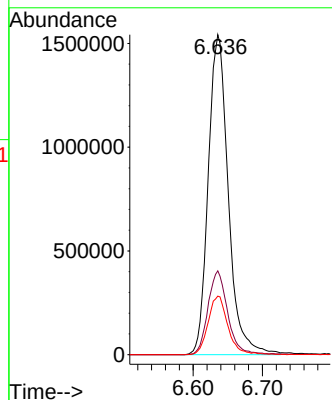
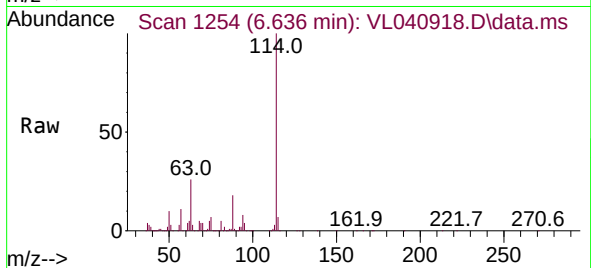
Tgt Ion:114 Resp: 3097436

Ion Ratio Lower Upper

114 100

63 26.0 21.0 31.6

88 18.1 14.3 21.5



#34

2-Butanone

Concen: 0.003 ppbv

RT: 4.764 min Scan# 672

Delta R.T. -0.003 min

Lab File: VL040918.D

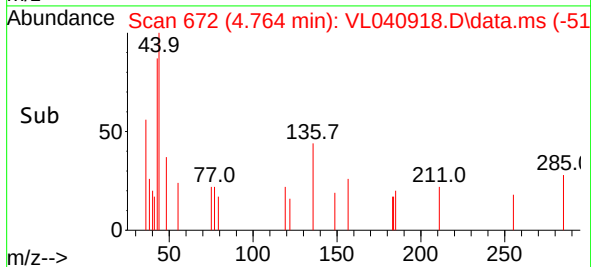
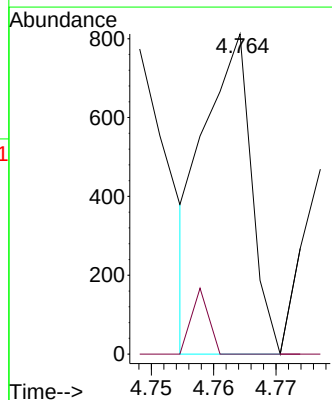
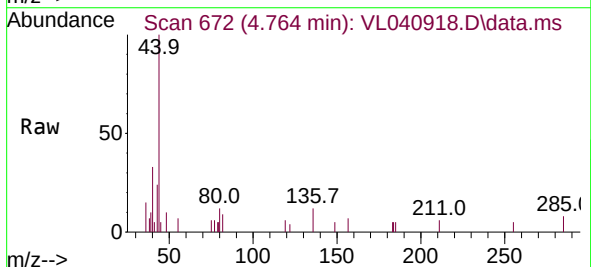
Acq: 20 Dec 2023 13:39

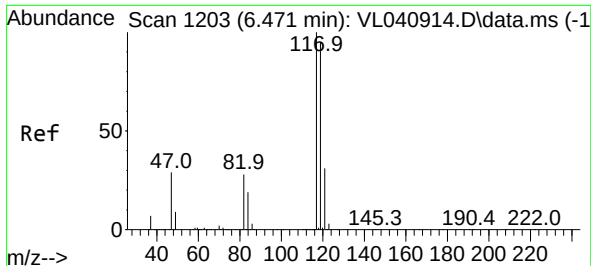
Tgt Ion: 43 Resp: 428

Ion Ratio Lower Upper

43 100

72 0.0 17.2 25.8#

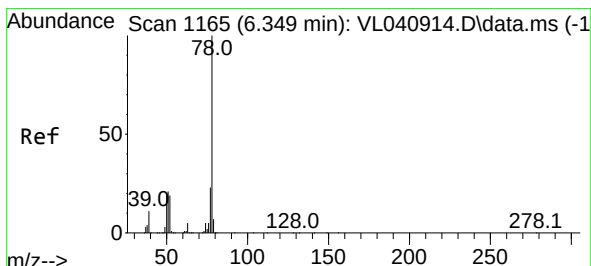
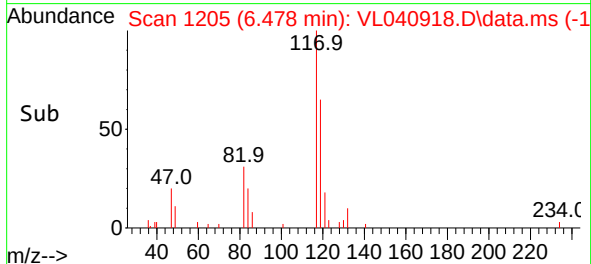
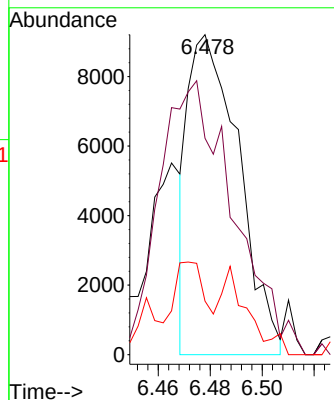
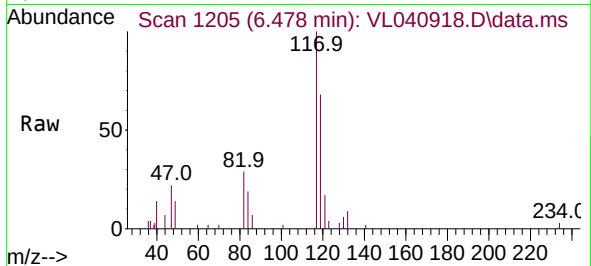




#35
Carbon Tetrachloride
Concen: 0.064 ppbv
RT: 6.478 min Scan# 1117
Delta R.T. 0.007 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

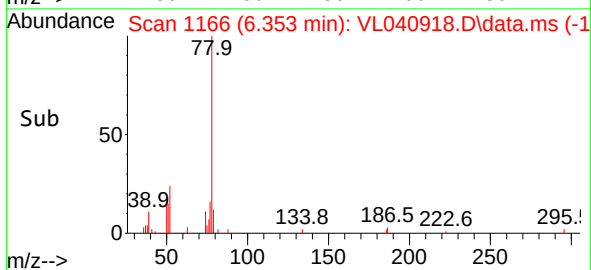
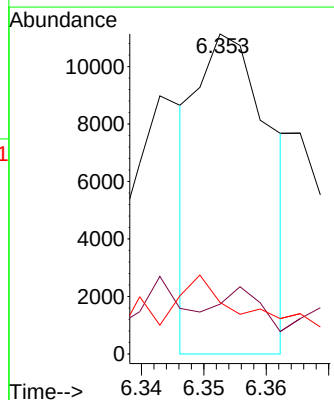
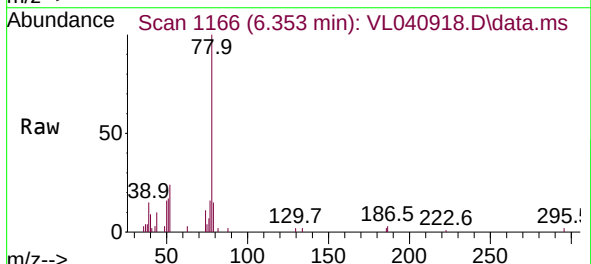
Instrument :
MSVOA_L
ClientSampleId :

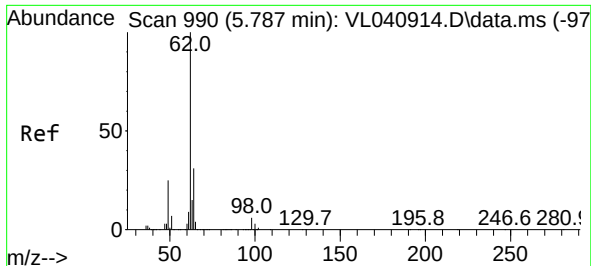
Tgt Ion:117 Resp: 12438
Ion Ratio Lower Upper
117 100
119 65.4 76.3 114.5#
121 10.7 24.9 37.3#



#36
Benzene
Concen: 0.037 ppbv
RT: 6.353 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 78 Resp: 9061
Ion Ratio Lower Upper
78 100
77 30.2 18.4 27.6#
50 18.0 16.0 24.0





#37

1,2-Dichloroethane

Concen: 0.066 ppbv

RT: 5.793 min Scan# 990

Delta R.T. 0.007 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

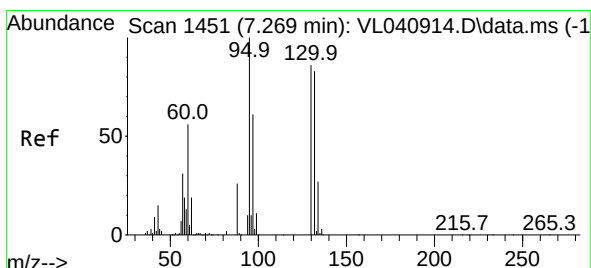
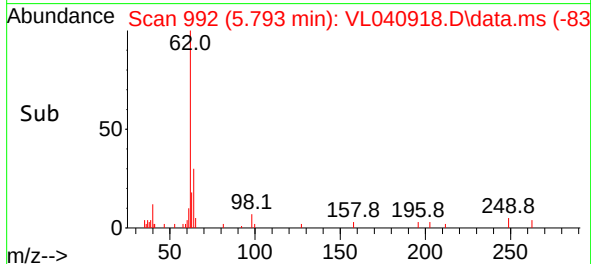
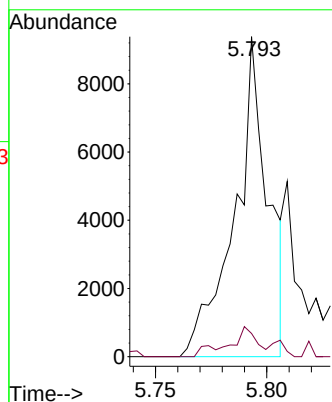
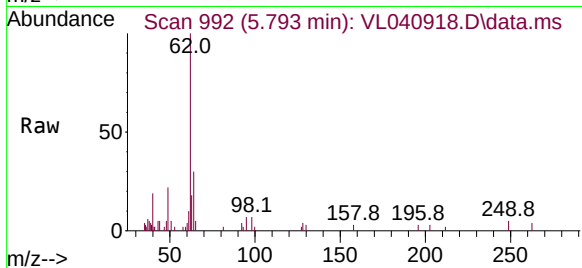
ClientSampleId :

Tgt Ion: 62 Resp: 9648

Ion Ratio Lower Upper

62 100

98 10.8 4.6 7.0#



#38

Trichloroethene

Concen: 0.022 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.003 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Tgt Ion:130 Resp: 2003

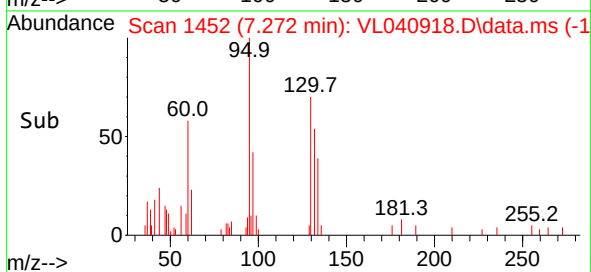
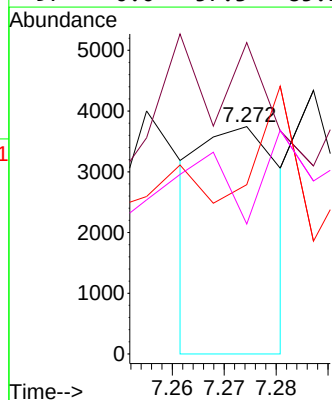
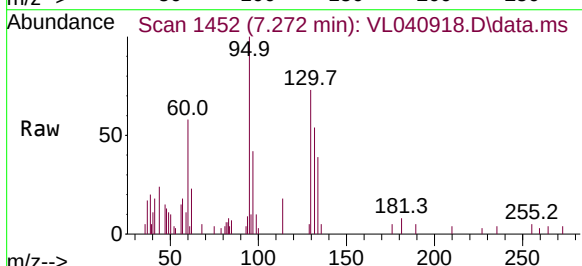
Ion Ratio Lower Upper

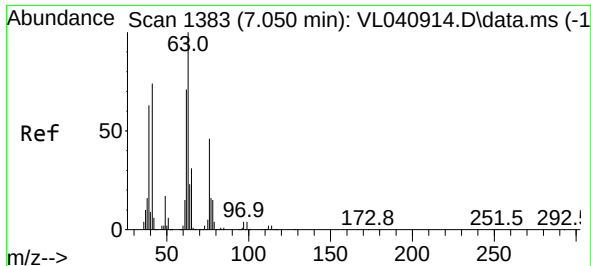
130 100

95 212.4 93.5 140.3#

132 0.0 77.4 116.2#

97 0.0 57.3 85.9#





#39

1,2-Dichloropropane

Concen: 8.293 ppbv

RT: 6.636 min Scan# 11

Delta R.T. -0.415 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

ClientSampleId :

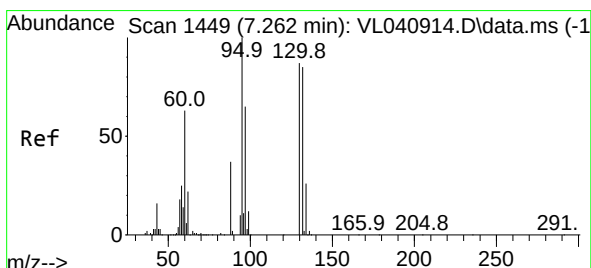
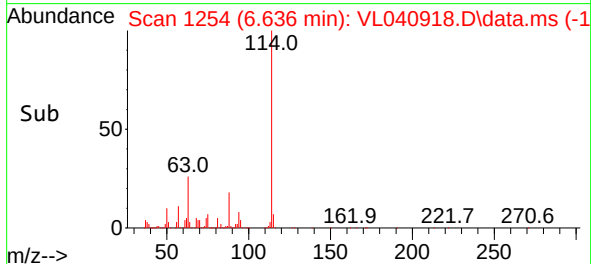
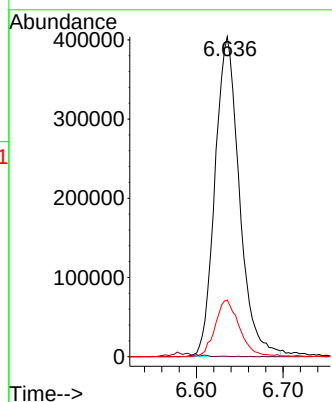
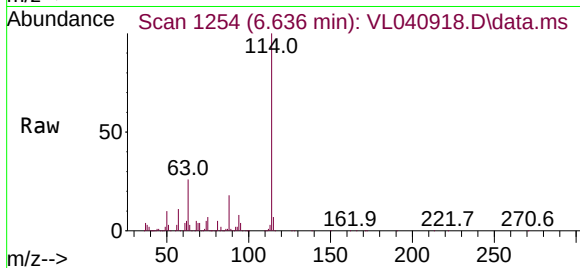
Tgt Ion: 63 Resp: 791316

Ion Ratio Lower Upper

63 100

41 0.1 59.0 88.6#

62 17.7 56.6 85.0#



#40

1,4-Dioxane

Concen: 0.009 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.032 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Tgt Ion: 88 Resp: 373

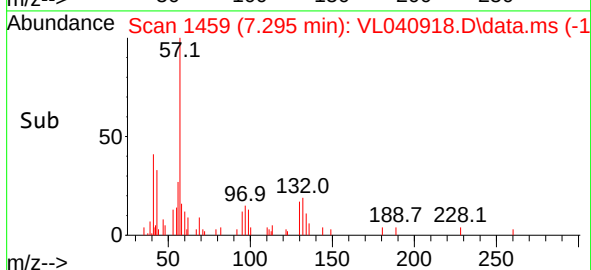
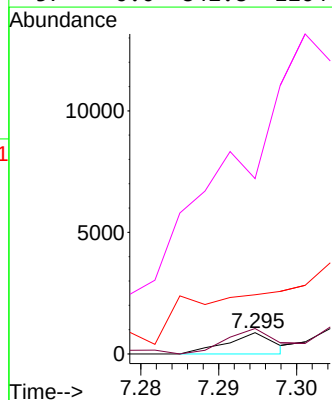
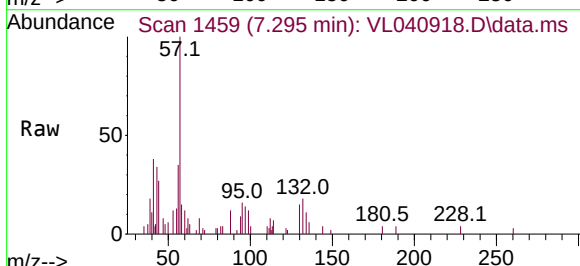
Ion Ratio Lower Upper

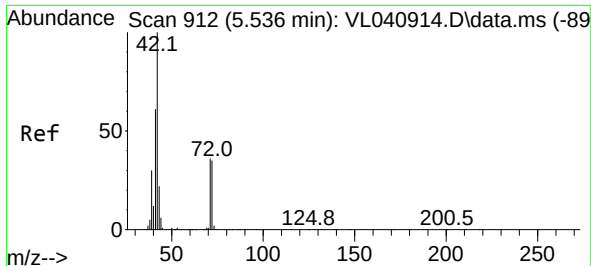
88 100

58 93.0 97.3 145.9#

43 0.0 200.6 300.8#

57 0.0 842.8 1264.2#

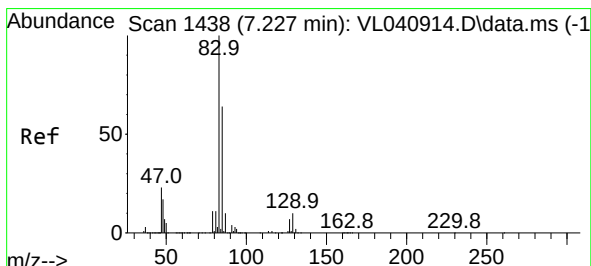
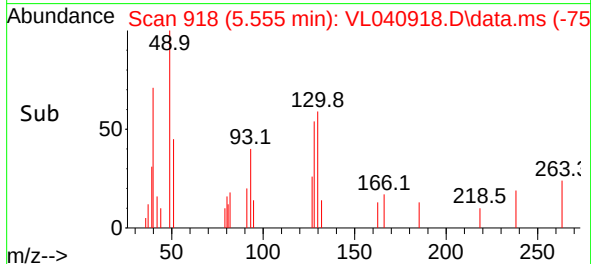
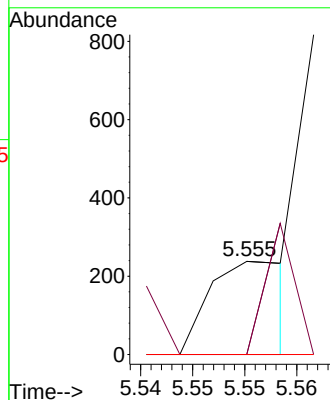
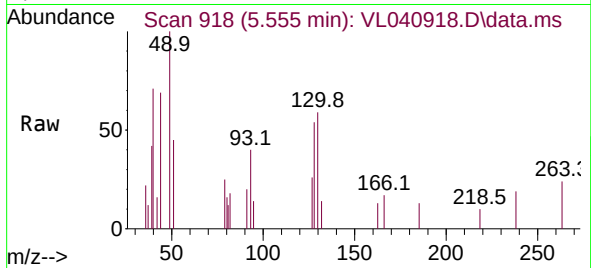




#41
Tetrahydrofuran
Concen: 0.001 ppbv
RT: 5.555 min Scan# 912
Delta R.T. 0.019 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

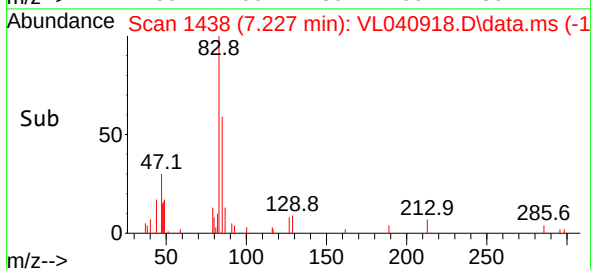
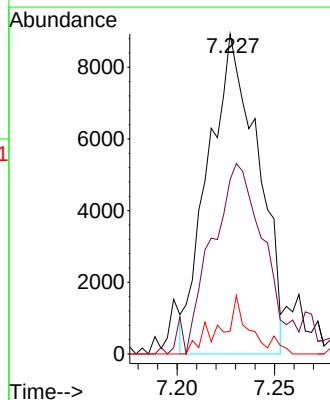
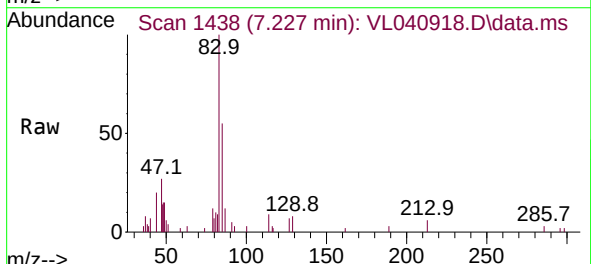
Instrument :
MSVOA_L
ClientSampleId :

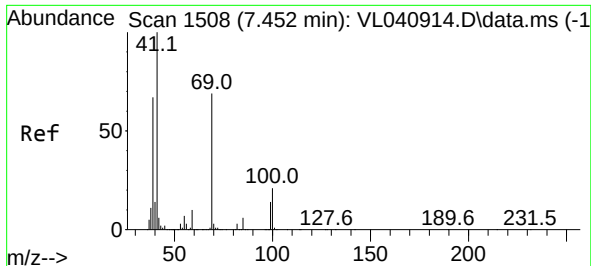
Tgt Ion: 42 Resp: 127
Ion Ratio Lower Upper
42 100
72 0.0 29.6 44.4#
71 0.0 29.1 43.7#



#42
Bromodichloromethane
Concen: 0.076 ppbv
RT: 7.227 min Scan# 1438
Delta R.T. 0.000 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 83 Resp: 15880
Ion Ratio Lower Upper
83 100
85 50.0 51.4 77.0#
127 8.1 5.9 8.9

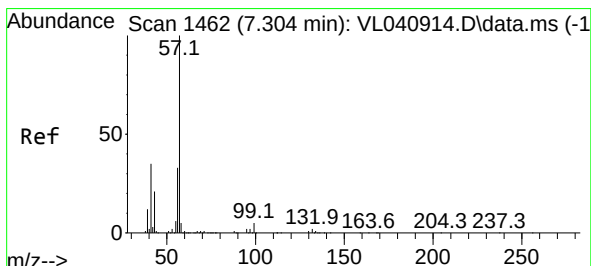
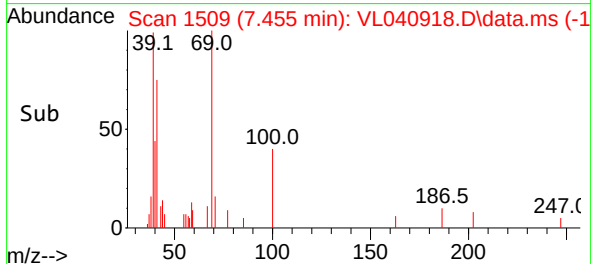
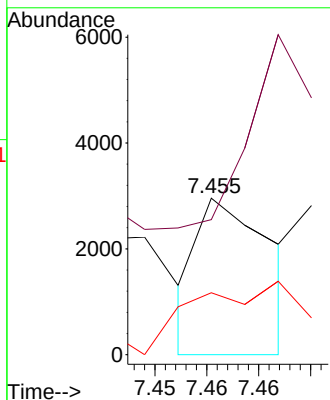
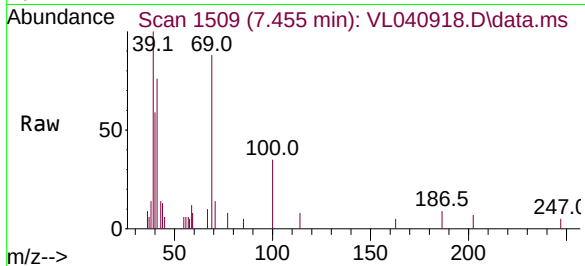




#43
Methyl Methacrylate
Concen: 0.015 ppbv
RT: 7.455 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

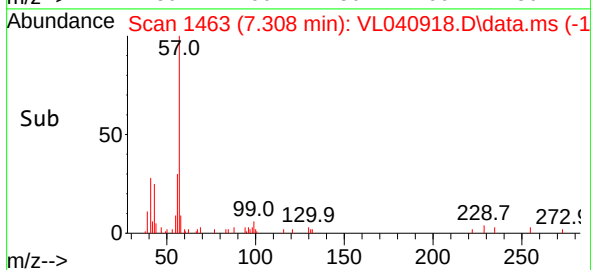
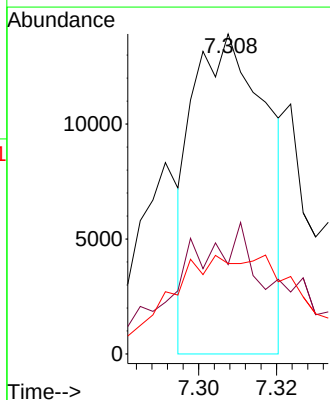
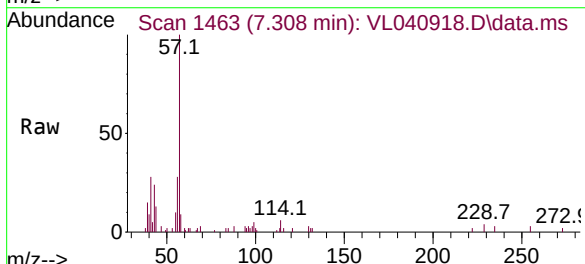
Instrument :
MSVOA_1
ClientSampleId :

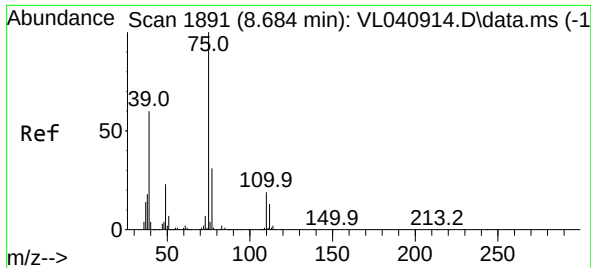
Tgt Ion: 69 Resp: 1446
Ion Ratio Lower Upper
69 100
41 0.0 119.9 179.9#
100 0.0 25.1 37.7#



#44
2,2,4-Trimethylpentane
Concen: 0.045 ppbv
RT: 7.308 min Scan# 1463
Delta R.T. 0.003 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 57 Resp: 18340
Ion Ratio Lower Upper
57 100
41 68.8 28.2 42.4#
56 0.0 25.3 37.9#

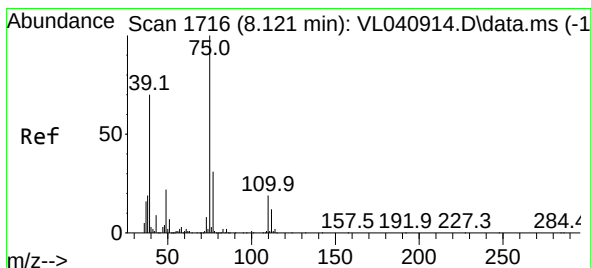
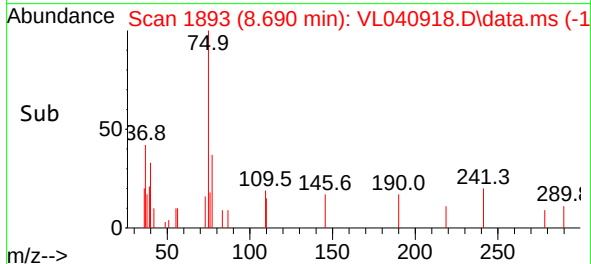
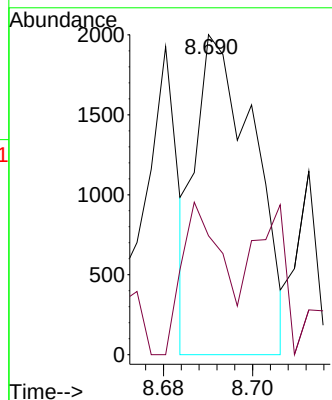
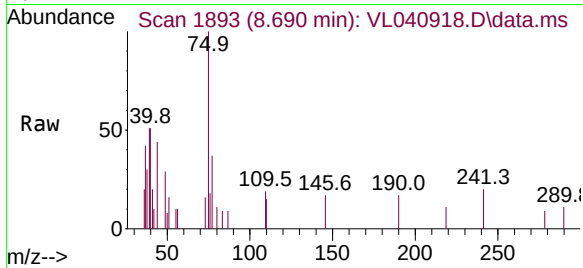




#45
 t-1,3-Dichloropropene
 Concen: 0.026 ppbv
 RT: 8.690 min Scan# 1891
 Delta R.T. 0.007 min
 Lab File: VL040918.D
 Acq: 20 Dec 2023 13:39

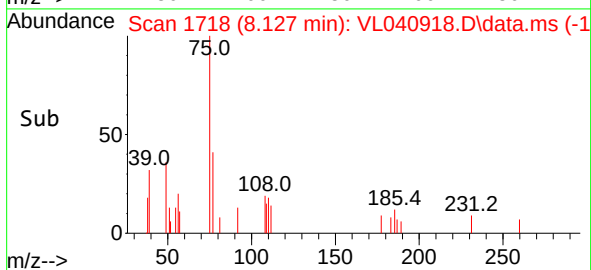
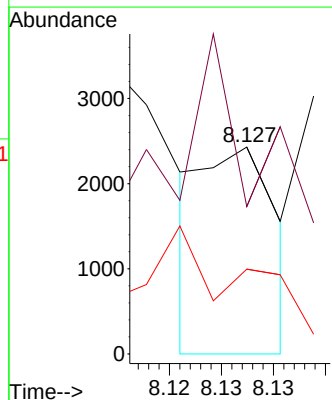
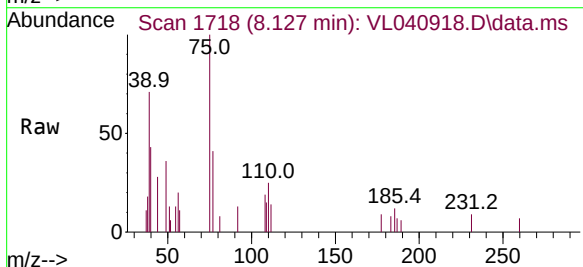
Instrument :
 MSVOA_L
 ClientSampleId :

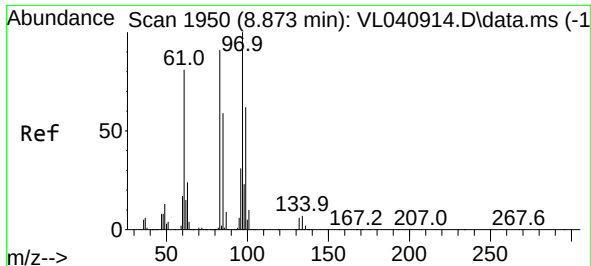
Tgt Ion: 75 Resp: 1811
 Ion Ratio Lower Upper
 75 100
 77 37.1 24.8 37.2



#46
 cis-1,3-Dichloropropene
 Concen: 0.014 ppbv
 RT: 8.127 min Scan# 1718
 Delta R.T. 0.007 min
 Lab File: VL040918.D
 Acq: 20 Dec 2023 13:39

Tgt Ion: 75 Resp: 1191
 Ion Ratio Lower Upper
 75 100
 39 0.0 56.2 84.4#
 77 7.4 24.5 36.7#





#47

1,1,2-Trichloroethane

Concen: 0.051 ppbv

RT: 8.880 min Scan# 1950

Delta R.T. 0.007 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 5211

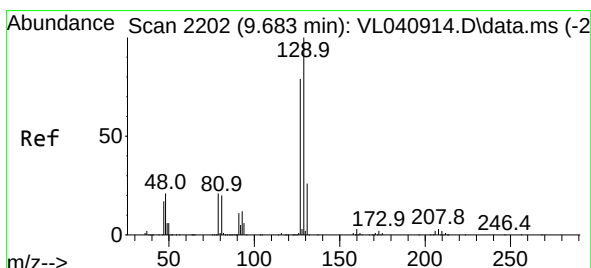
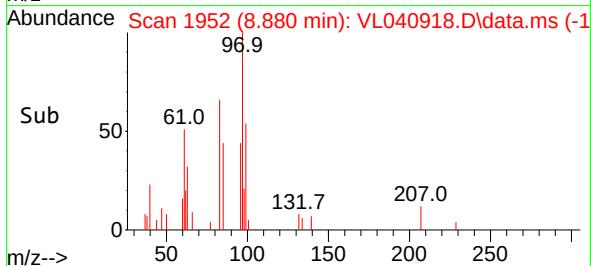
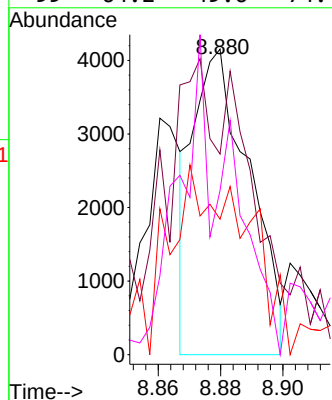
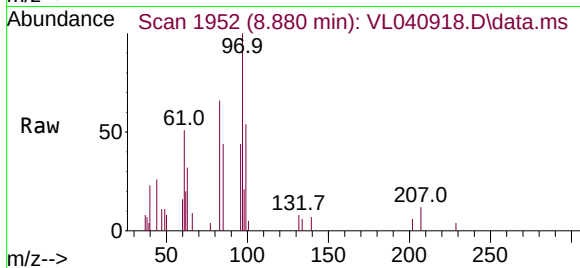
Ion Ratio Lower Upper

97 100

83 50.4 72.6 108.8#

85 21.7 47.4 71.0#

99 64.2 49.6 74.4



#48

Dibromochloromethane

Concen: 0.032 ppbv

RT: 9.687 min Scan# 2203

Delta R.T. 0.003 min

Lab File: VL040918.D

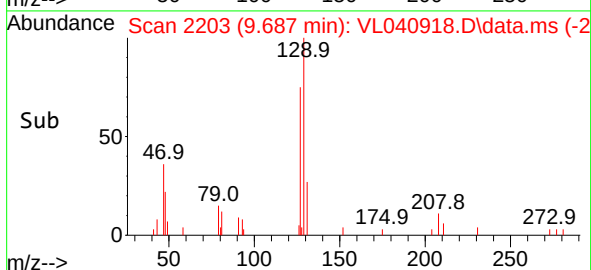
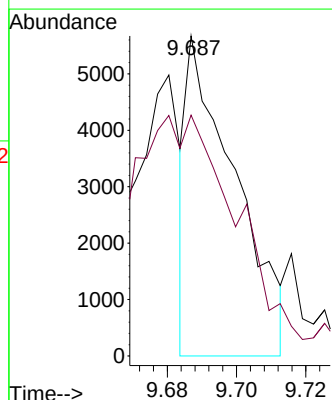
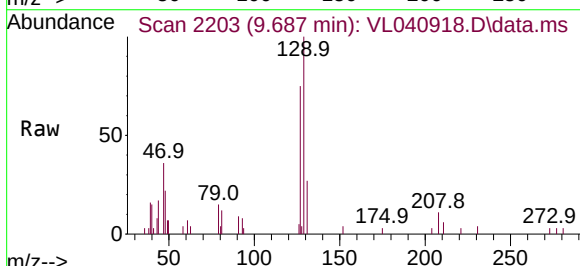
Acq: 20 Dec 2023 13:39

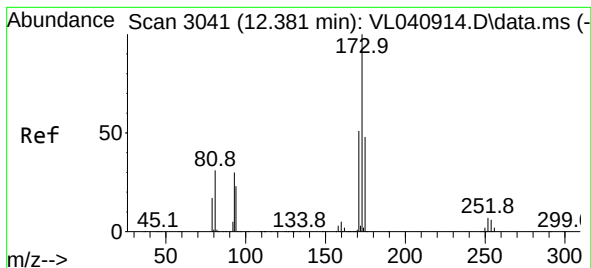
Tgt Ion: 129 Resp: 5511

Ion Ratio Lower Upper

129 100

127 178.1 39.6 119.0#





#49

Bromoform

Concen: 0.009 ppbv

RT: 12.391 min Scan# 3041

Delta R.T. 0.010 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

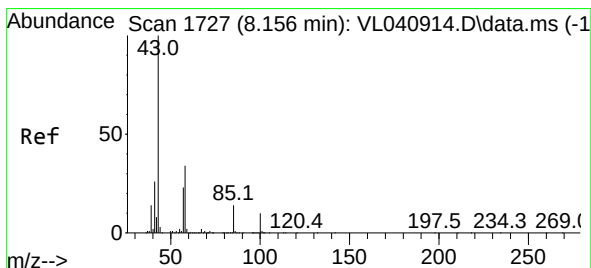
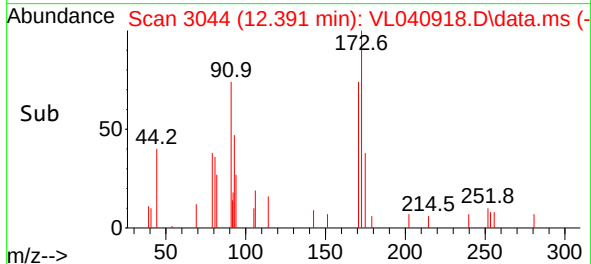
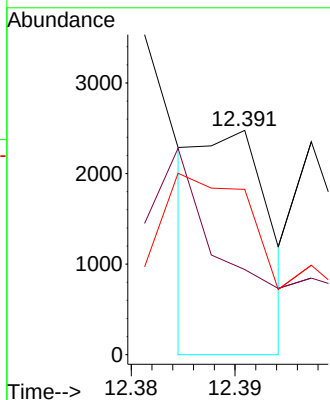
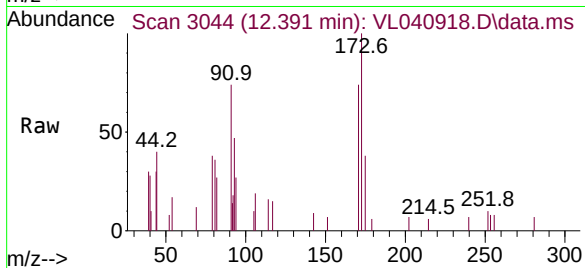
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173 Resp: 1152

Ion	Ratio	Lower	Upper
173	100		
175	393.5	39.3	58.9#
171	0.0	41.8	62.6#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 8.153 min Scan# 1726

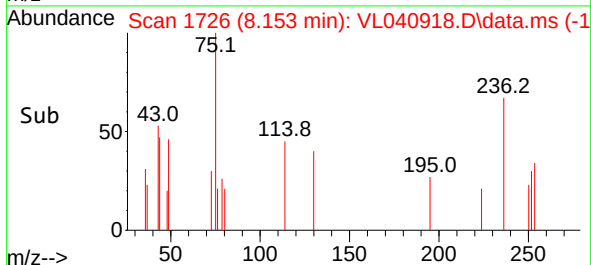
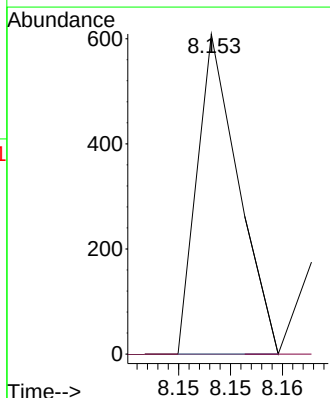
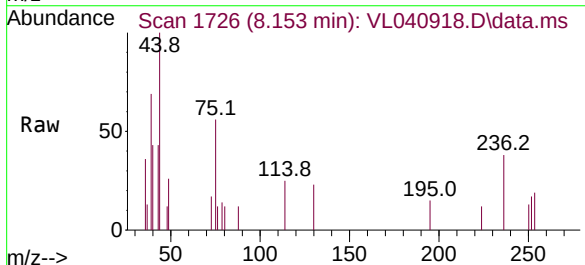
Delta R.T. -0.003 min

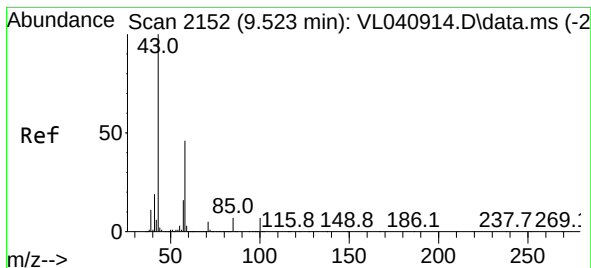
Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Tgt Ion: 43 Resp: 168

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.4	41.0#





#51

2-Hexanone

Concen: 0.003 ppbv

RT: 9.536 min Scan# 2152

Delta R.T. 0.013 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

ClientSampleId :

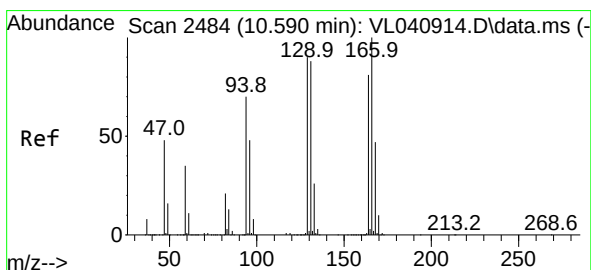
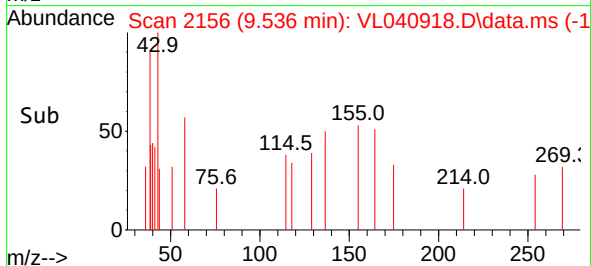
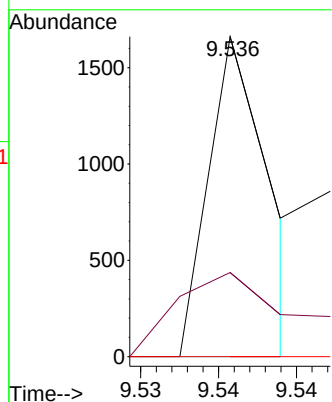
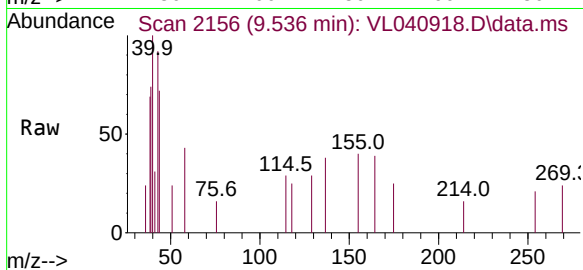
Tgt Ion: 43 Resp: 459

Ion Ratio Lower Upper

43 100

58 0.0 37.3 55.9#

98 0.0 0.2 0.2#



#52

Tetrachloroethene

Concen: 0.043 ppbv

RT: 10.597 min Scan# 2486

Delta R.T. 0.007 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Tgt Ion: 164 Resp: 3528

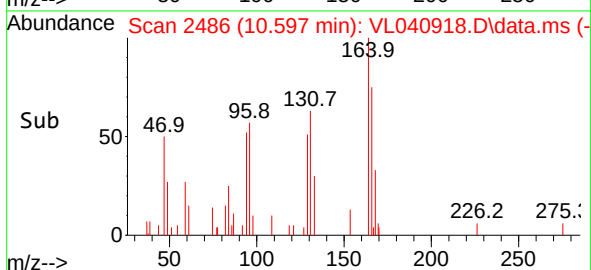
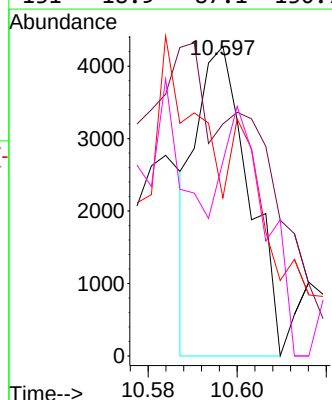
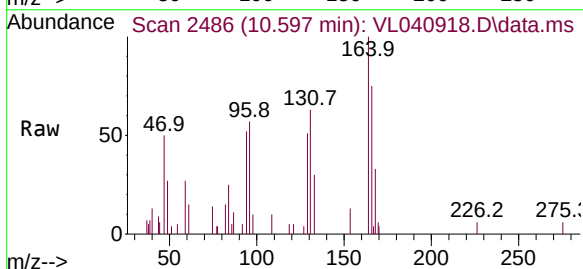
Ion Ratio Lower Upper

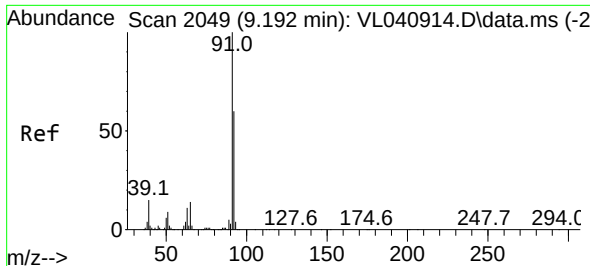
164 100

166 31.1 98.9 148.3#

129 26.7 88.7 133.1#

131 18.9 87.1 130.7#

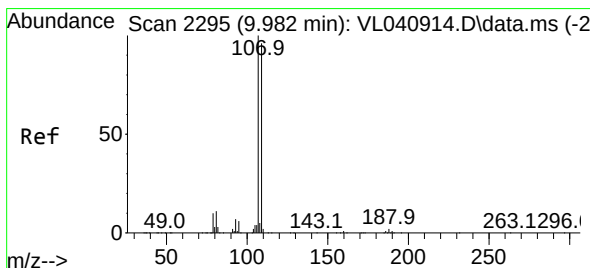
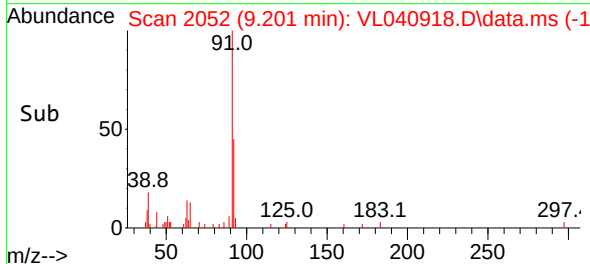
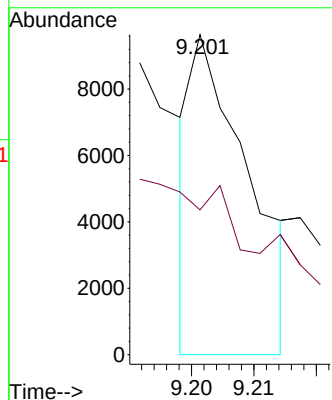
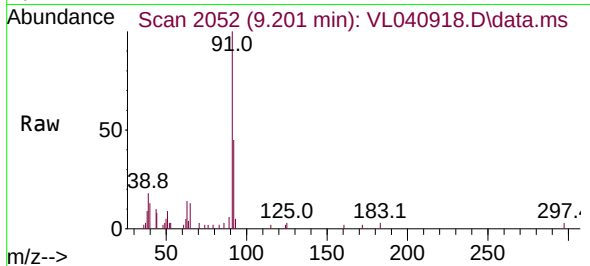




#53
Toluene
Concen: 0.023 ppbv
RT: 9.201 min Scan# 2049
Delta R.T. 0.010 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

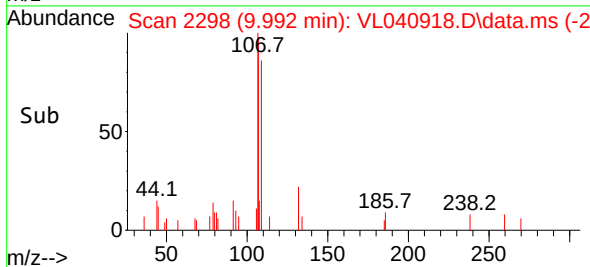
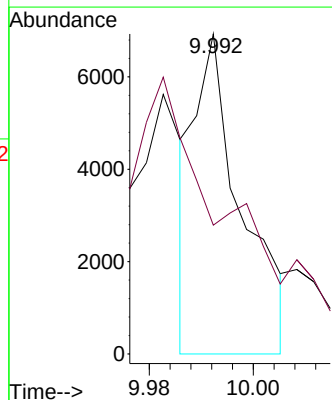
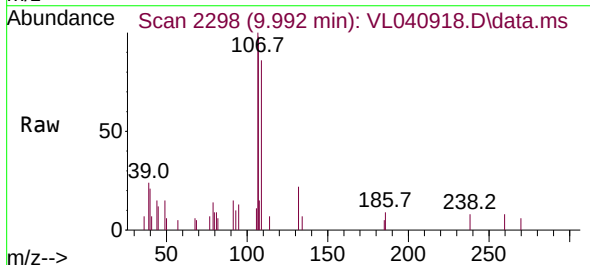
Instrument :
MSVOA_L
ClientSampleId :

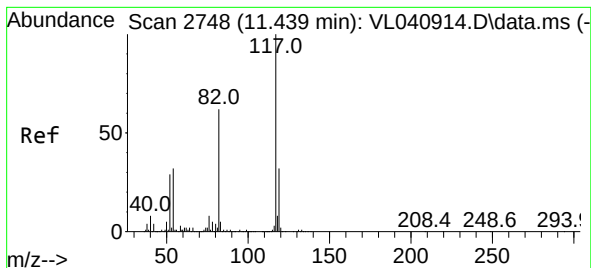
Tgt Ion: 91 Resp: 6125
Ion Ratio Lower Upper
91 100
92 0.0 49.2 73.8#



#54
1,2-Dibromoethane
Concen: 0.031 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. 0.010 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 107 Resp: 4358
Ion Ratio Lower Upper
107 100
109 24.6 77.0 115.4#

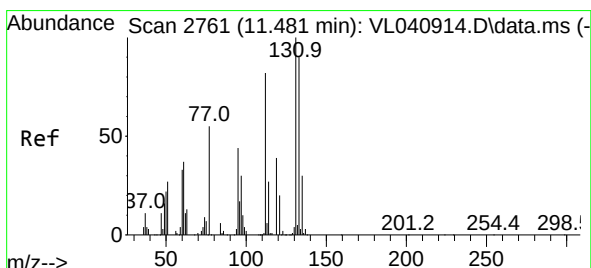
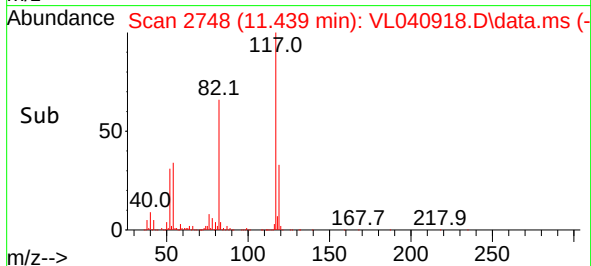
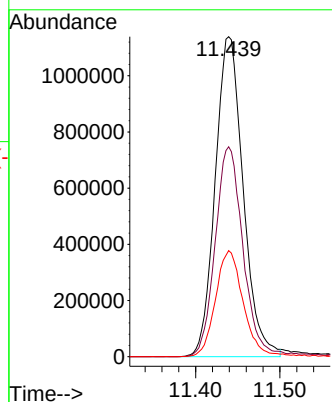
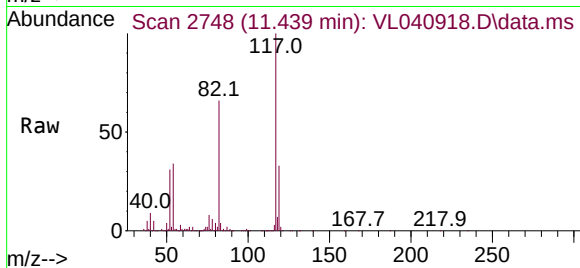




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2748
Delta R.T. 0.000 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

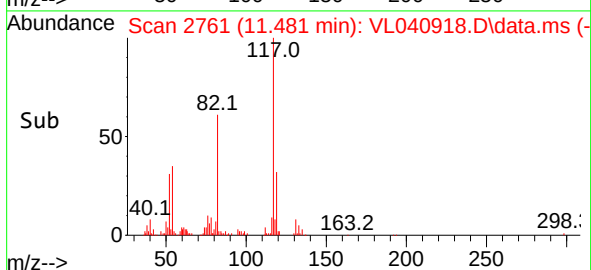
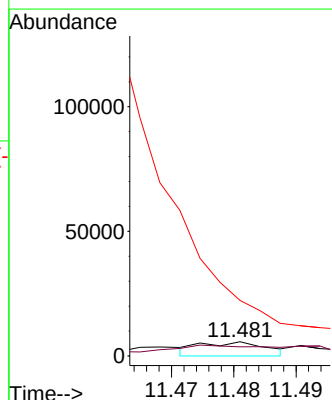
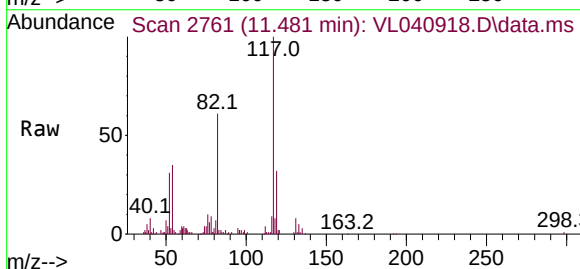
Instrument :
MSVOA_L
ClientSampleId :

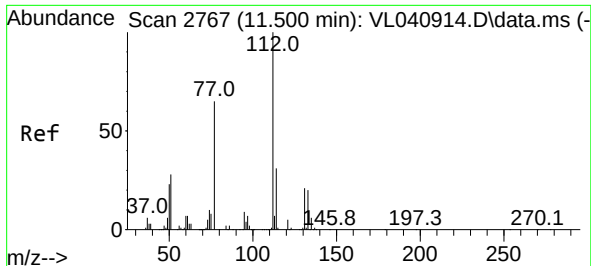
Tgt Ion:117 Resp: 2621128
Ion Ratio Lower Upper
117 100
82 66.6 49.6 74.4
119 33.2 23.4 35.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.036 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.000 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion:131 Resp: 4144
Ion Ratio Lower Upper
131 100
133 227.3 76.3 114.5#
119 0.0 48.6 73.0#

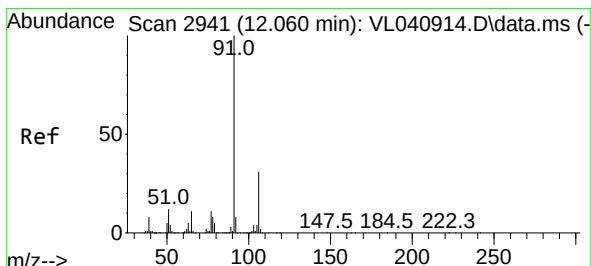
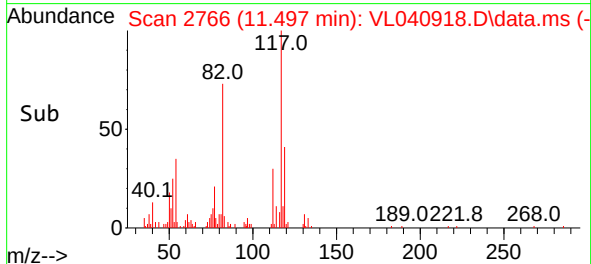
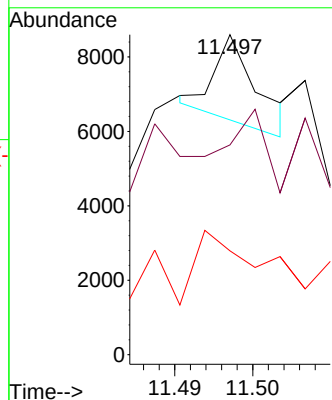
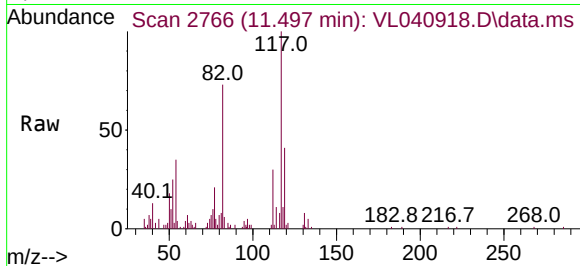




#57
Chlorobenzene
Concen: 0.004 ppbv
RT: 11.497 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

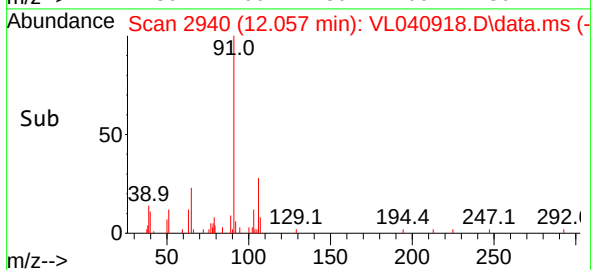
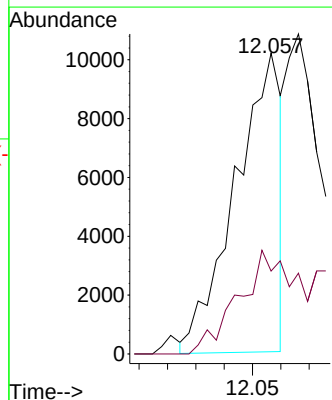
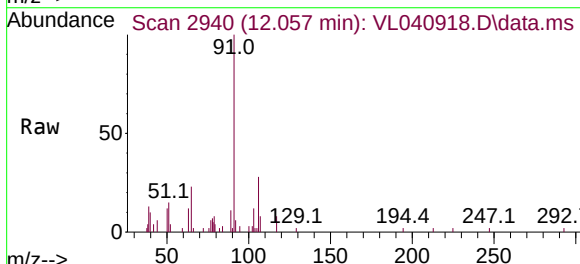
Instrument :
MSVOA_L
ClientSampleId :

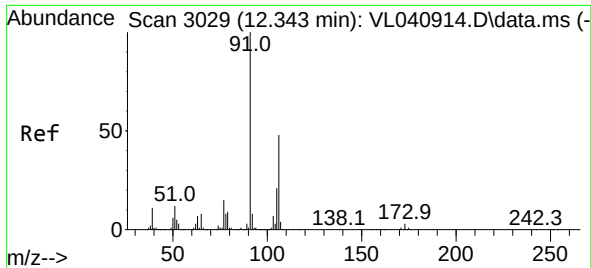
Tgt Ion:112 Resp: 805
Ion Ratio Lower Upper
112 100
77 70.4 52.7 79.1
114 79.6 28.4 34.7#



#58
Ethyl Benzene
Concen: 0.034 ppbv
RT: 12.057 min Scan# 2940
Delta R.T. -0.003 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 91 Resp: 11391
Ion Ratio Lower Upper
91 100
106 28.7 24.9 37.3





#59

m/p-Xylene

Concen: 0.029 ppbv

RT: 12.336 min Scan# 3027

Delta R.T. -0.006 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

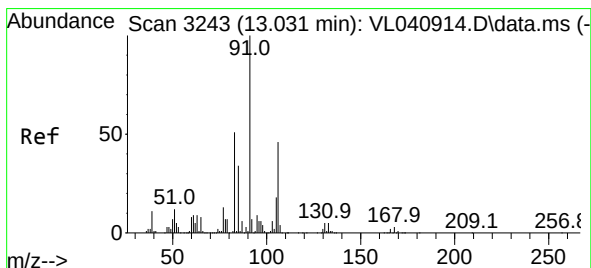
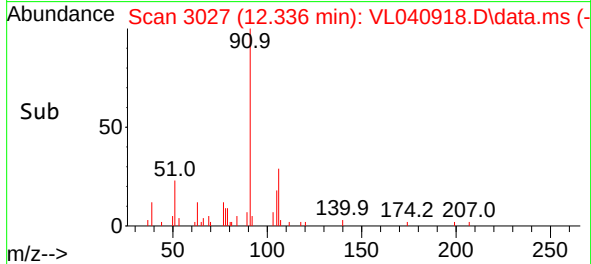
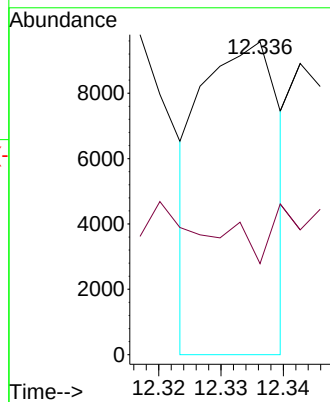
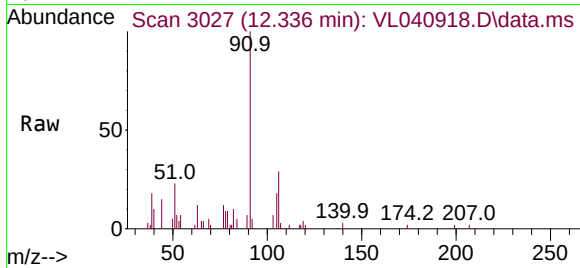
ClientSampleId :

Tgt Ion: 91 Resp: 8340

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 0.036 ppbv

RT: 13.034 min Scan# 3244

Delta R.T. 0.003 min

Lab File: VL040918.D

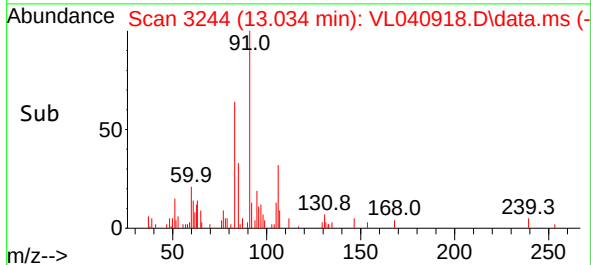
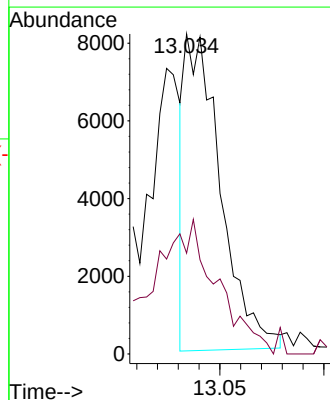
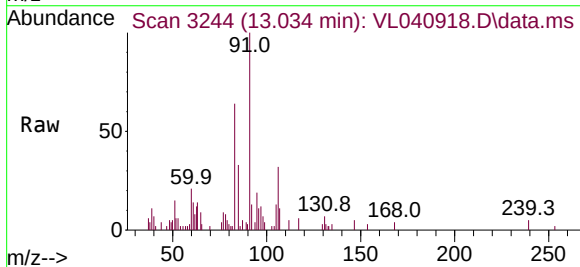
Acq: 20 Dec 2023 13:39

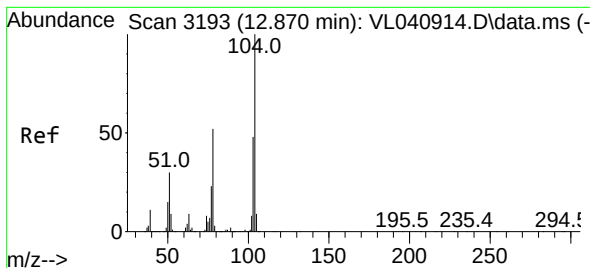
Tgt Ion: 91 Resp: 9761

Ion Ratio Lower Upper

91 100

106 79.1 22.6 67.7#





#61

Styrene

Concen: 0.023 ppbv

RT: 12.870 min Scan# 3193

Delta R.T. 0.000 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

ClientSampleId :

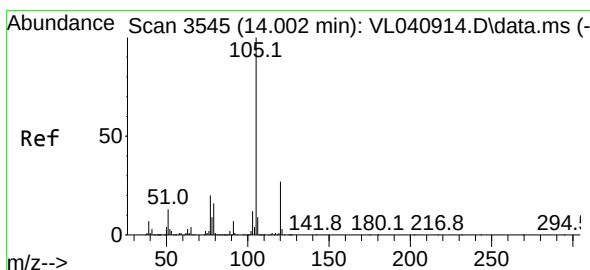
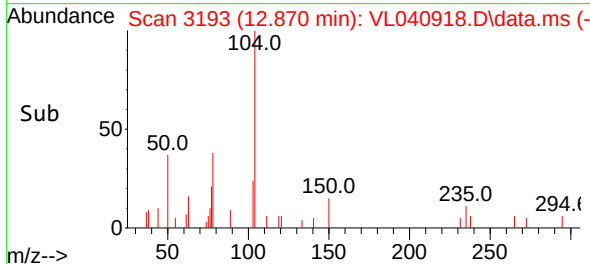
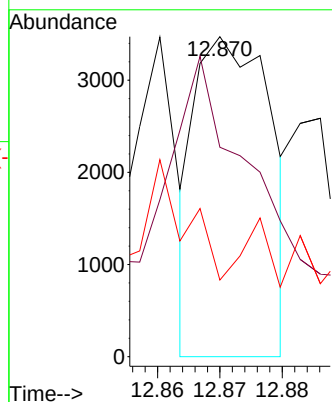
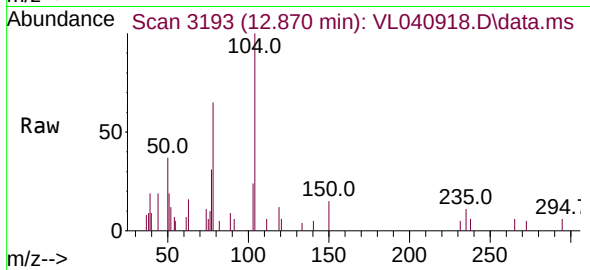
Tgt Ion:104 Resp: 2937

Ion Ratio Lower Upper

104 100

78 186.6 43.0 64.4#

103 0.0 37.6 56.4#



#62

Isopropylbenzene

Concen: 0.041 ppbv

RT: 13.995 min Scan# 3543

Delta R.T. -0.006 min

Lab File: VL040918.D

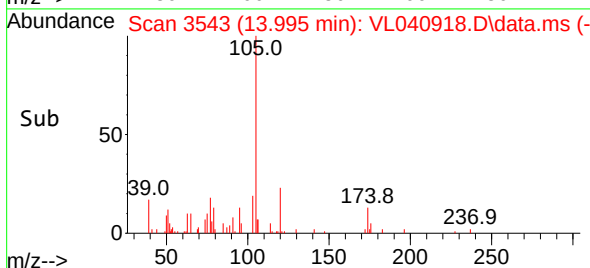
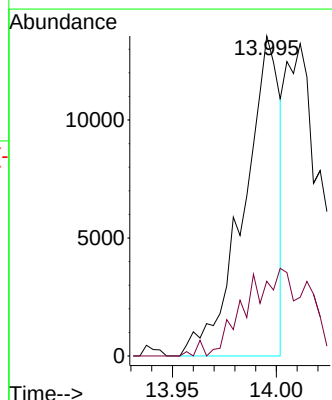
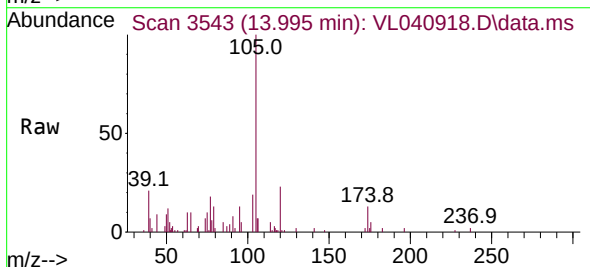
Acq: 20 Dec 2023 13:39

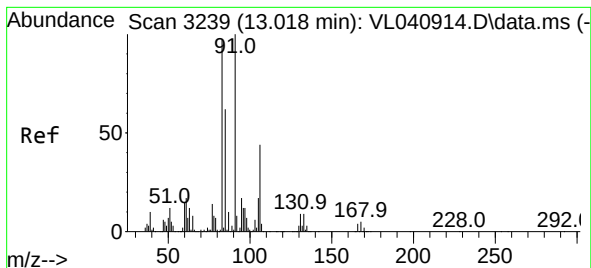
Tgt Ion:105 Resp: 16289

Ion Ratio Lower Upper

105 100

120 52.9 20.7 31.1#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.055 ppbv

RT: 13.024 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

ClientSampleId :

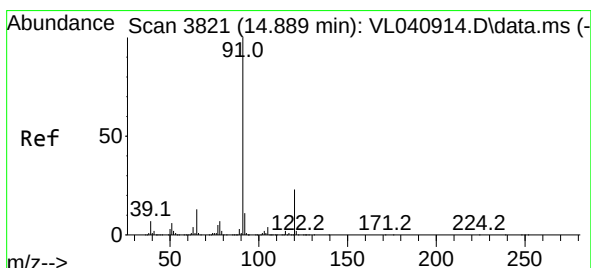
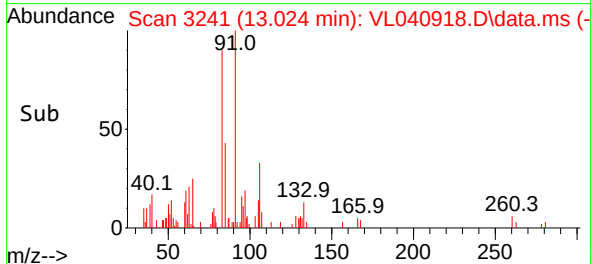
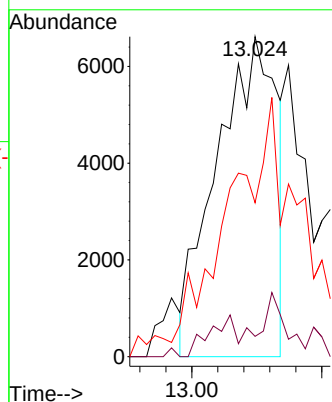
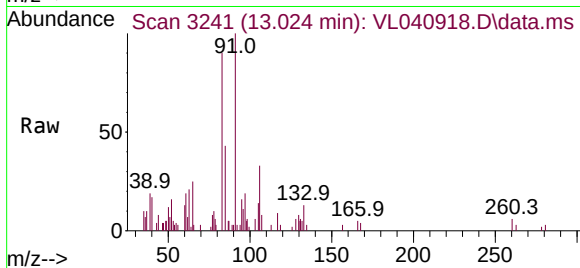
Tgt Ion: 83 Resp: 10668

Ion Ratio Lower Upper

83 100

131 17.8 4.7 14.0#

85 106.0 32.6 98.0#



#64

n-propylbenzene

Concen: 0.018 ppbv

RT: 14.886 min Scan# 3820

Delta R.T. -0.003 min

Lab File: VL040918.D

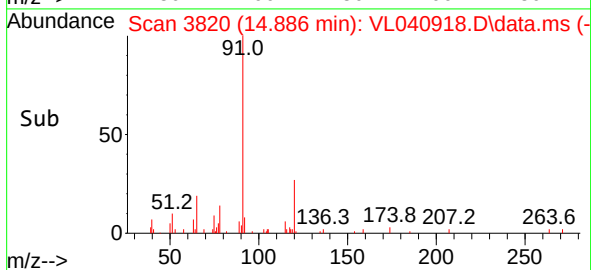
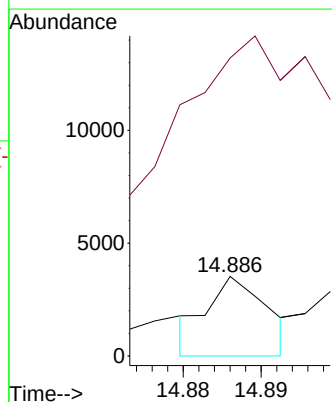
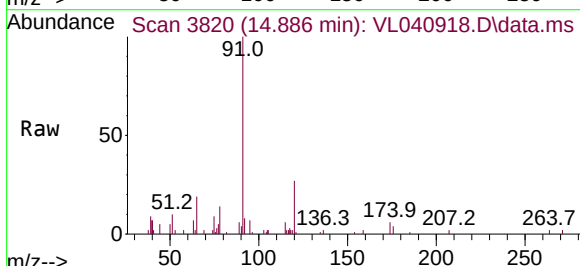
Acq: 20 Dec 2023 13:39

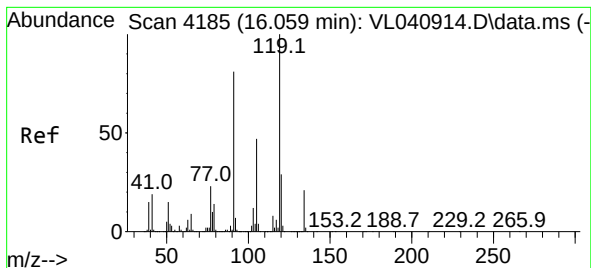
Tgt Ion:120 Resp: 1866

Ion Ratio Lower Upper

120 100

91 2045.6 381.9 572.9#





#65

tert-Butylbenzene

Concen: 0.025 ppbv

RT: 16.066 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

ClientSampleId :

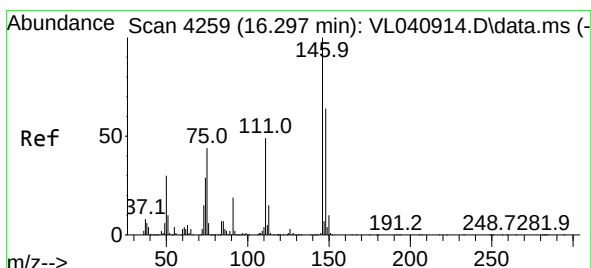
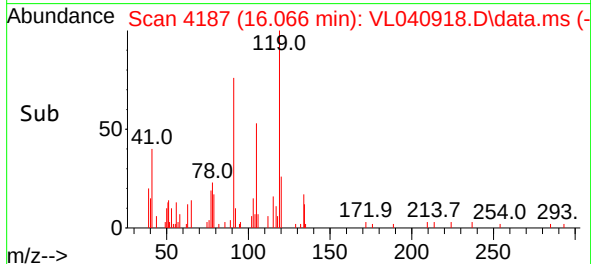
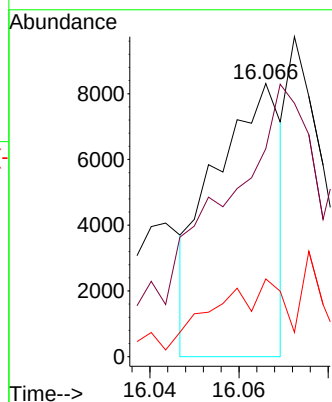
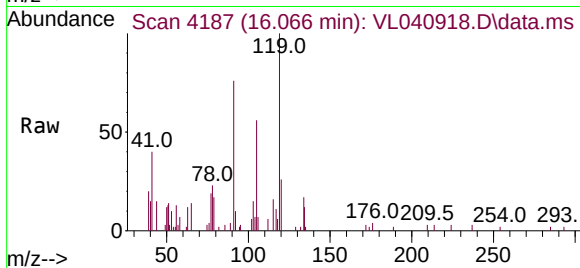
Tgt Ion:119 Resp: 8754

Ion Ratio Lower Upper

119 100

91 0.0 67.2 100.8#

134 0.0 15.8 23.6#



#66

Benzyl Chloride

Concen: 0.013 ppbv

RT: 16.304 min Scan# 4261

Delta R.T. 0.007 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

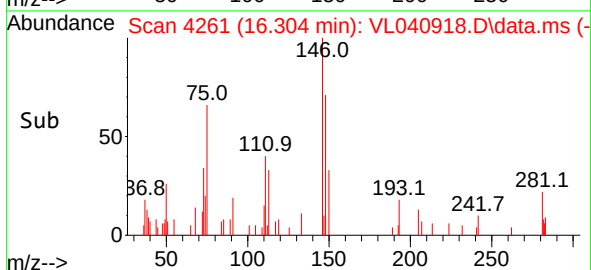
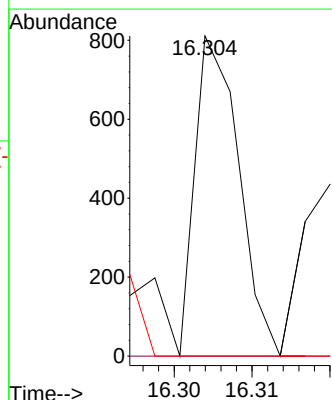
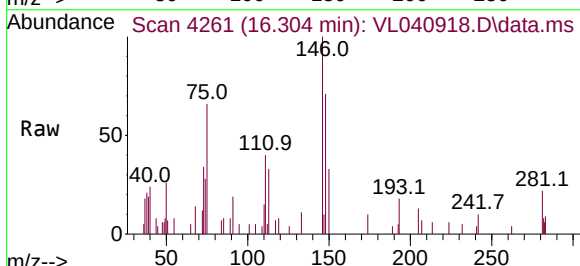
Tgt Ion: 91 Resp: 316

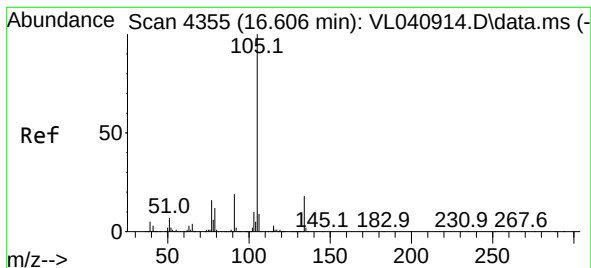
Ion Ratio Lower Upper

91 100

126 0.0 14.1 21.1#

128 0.0 4.6 6.8#





#67

sec-Butylbenzene

Concen: 0.055 ppbv

RT: 16.613 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

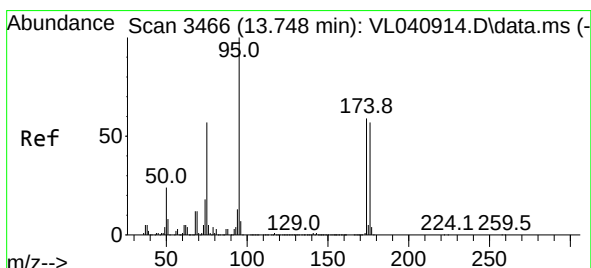
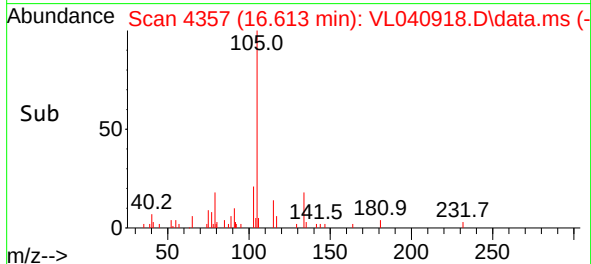
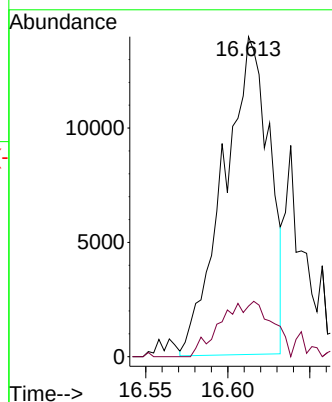
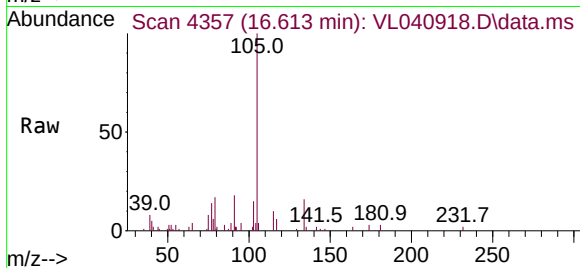
ClientSampleId :

Tgt Ion:105 Resp: 27025

Ion Ratio Lower Upper

105 100

134 21.6 14.4 21.6



#68

1-Bromo-4-Fluorobenzene

Concen: 10.320 ppbv

RT: 13.748 min Scan# 3466

Delta R.T. 0.000 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

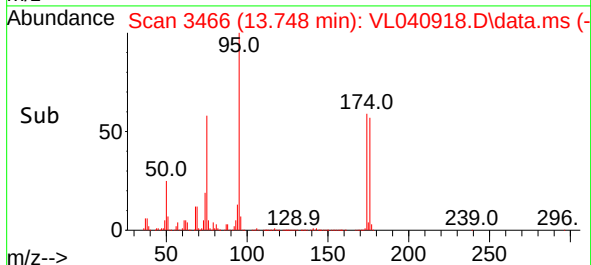
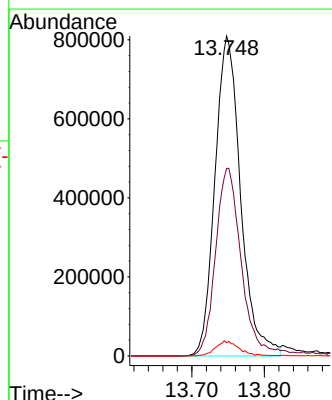
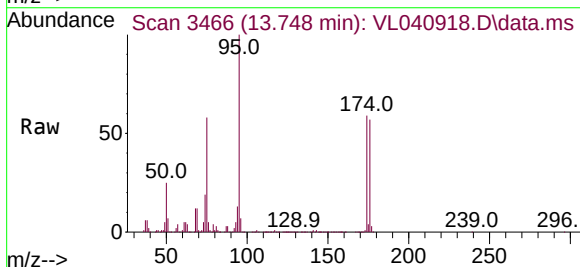
Tgt Ion: 95 Resp: 1992497

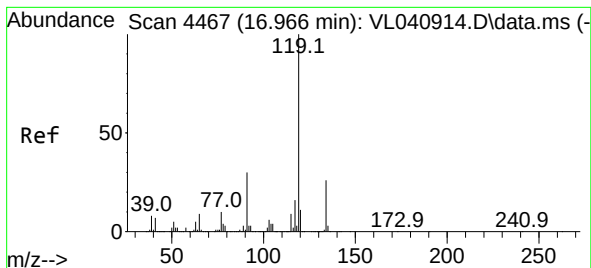
Ion Ratio Lower Upper

95 100

174 58.9 48.0 72.0

175 4.5 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.015 ppbv

RT: 16.960 min Scan# 4467

Delta R.T. -0.006 min

Lab File: VL040918.D

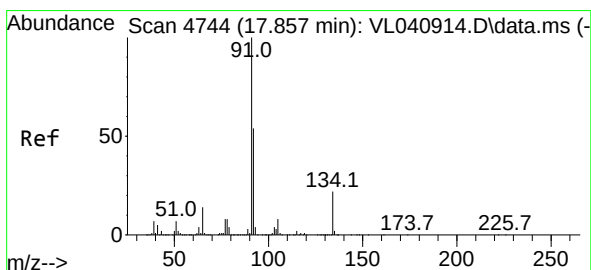
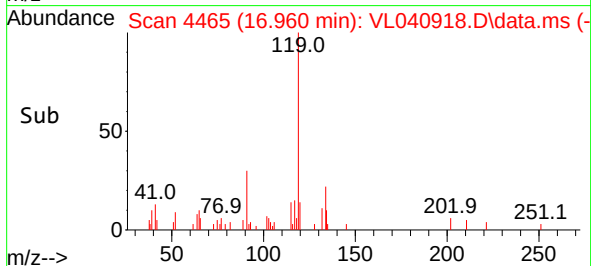
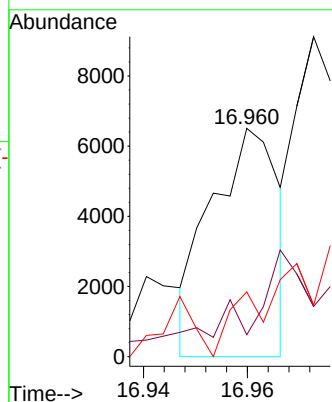
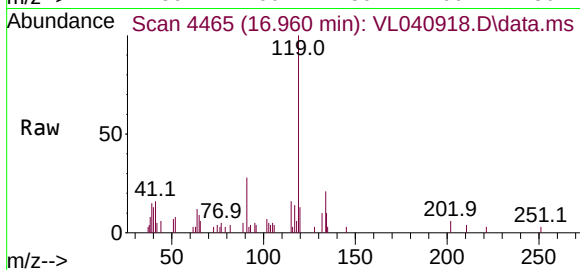
Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	5851
Ion	Ratio	Lower	Upper
119	100		
134	103.3	20.3	30.5#
91	0.0	24.1	36.1#



#70

n-Butylbenzene

Concen: 0.005 ppbv

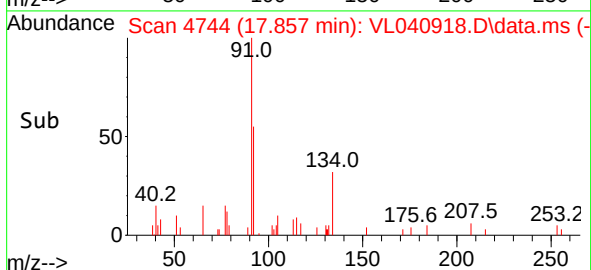
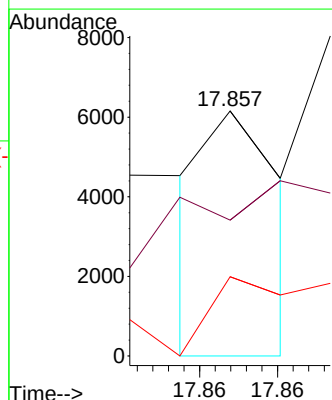
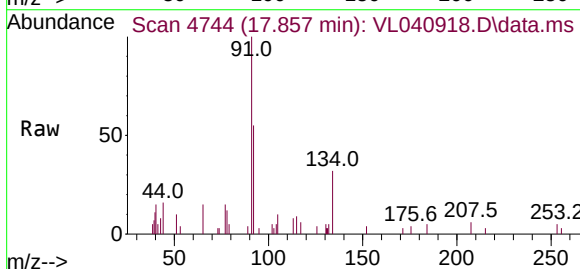
RT: 17.857 min Scan# 4744

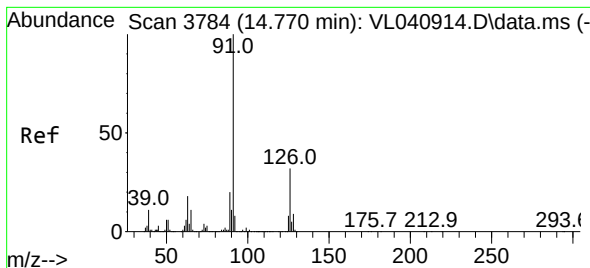
Delta R.T. 0.000 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Tgt Ion:	91	Resp:	2049
Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.4	65.0#
134	0.0	17.6	26.4#

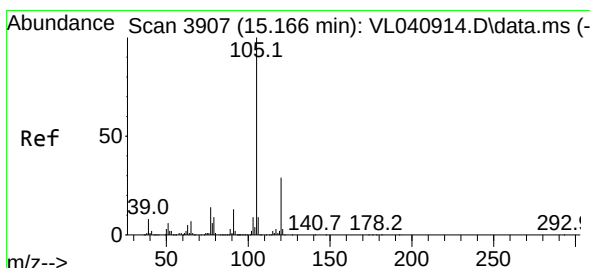
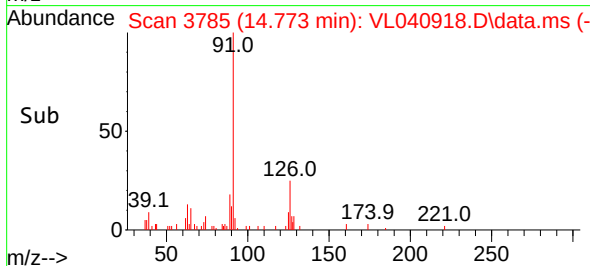
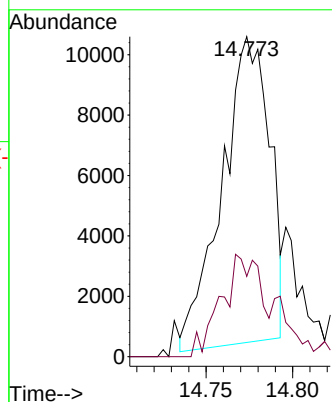
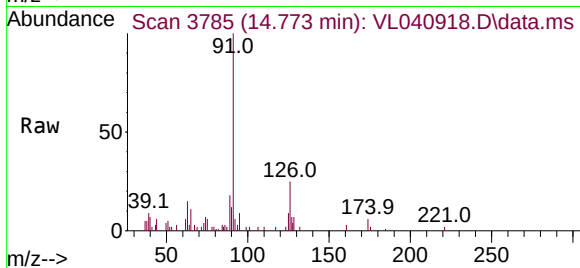




#71
2-Chlorotoluene
Concen: 0.063 ppbv
RT: 14.773 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

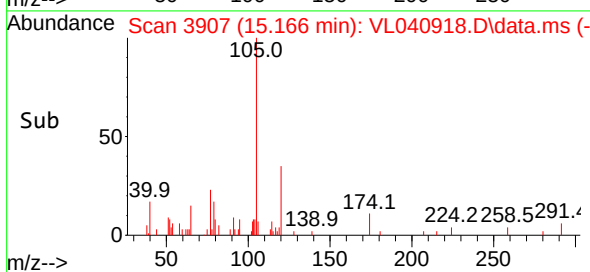
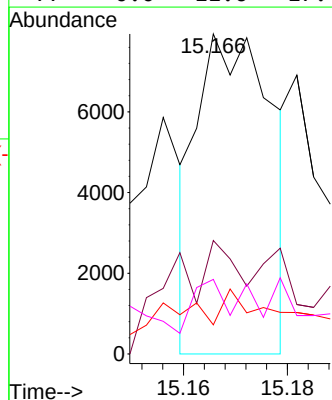
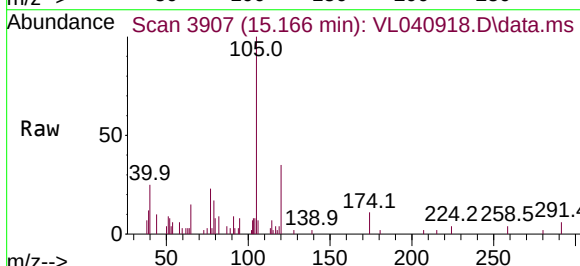
Instrument :
MSVOA_L
ClientSampleId :

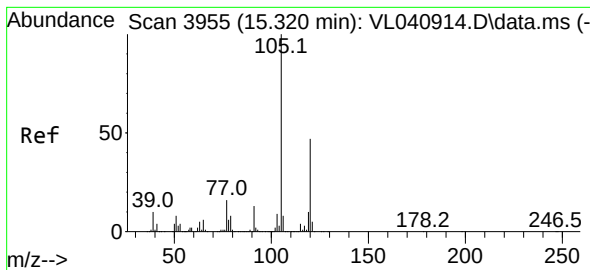
Tgt Ion: 91 Resp: 19449
Ion Ratio Lower Upper
91 100
126 36.3 12.4 49.6



#72
4-Ethyltoluene
Concen: 0.027 ppbv
RT: 15.166 min Scan# 3907
Delta R.T. 0.000 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion: 105 Resp: 7849
Ion Ratio Lower Upper
105 100
120 70.0 23.8 35.8#
91 45.9 10.9 16.3#
77 0.0 11.6 17.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.033 ppbv

RT: 15.326 min Scan# 3957

Delta R.T. 0.007 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

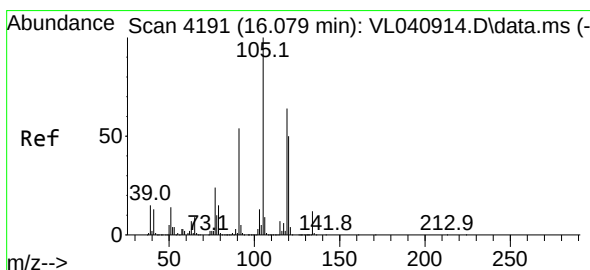
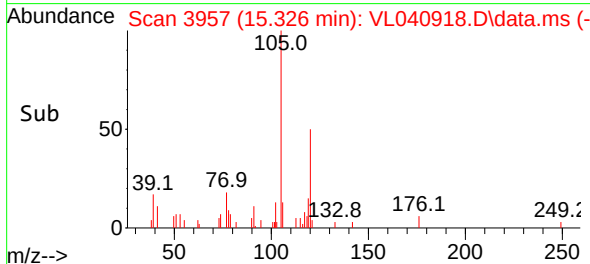
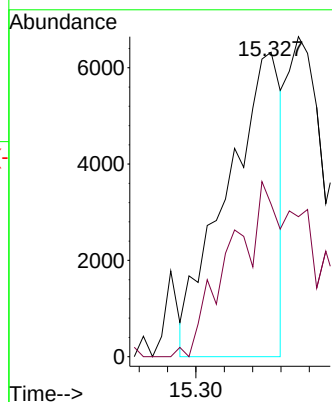
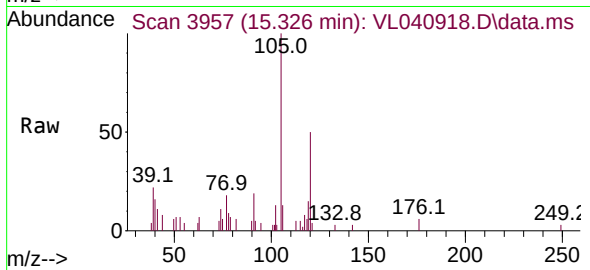
ClientSampleId :

Tgt Ion:105 Resp: 8392

Ion Ratio Lower Upper

105 100

120 46.1 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 0.042 ppbv

RT: 16.085 min Scan# 4193

Delta R.T. 0.007 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Tgt Ion:105 Resp: 11818

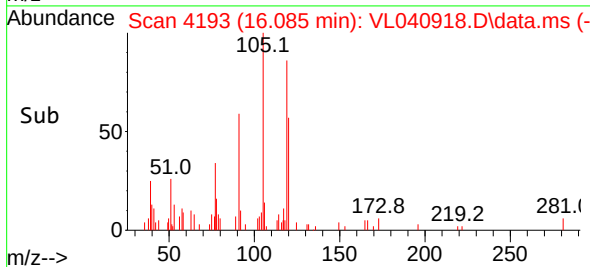
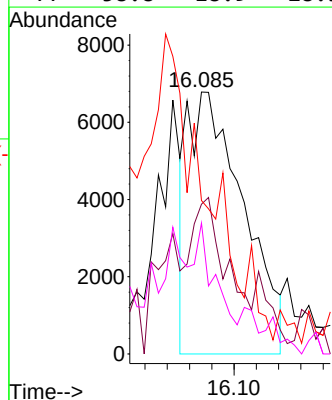
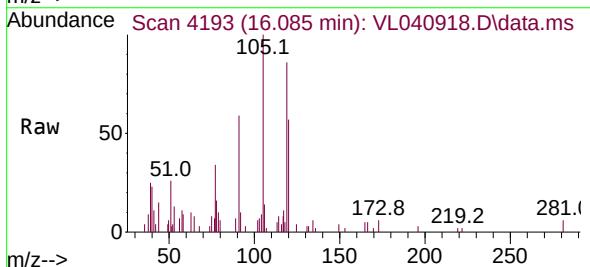
Ion Ratio Lower Upper

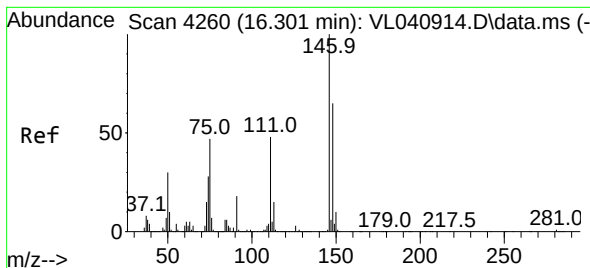
105 100

120 61.9 40.2 60.4#

91 53.9 43.0 64.6

77 58.8 18.9 28.3#





#75

1,3-Dichlorobenzene

Concen: 0.015 ppbv

RT: 16.304 min Scan# 4260

Delta R.T. 0.003 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

ClientSampleId :

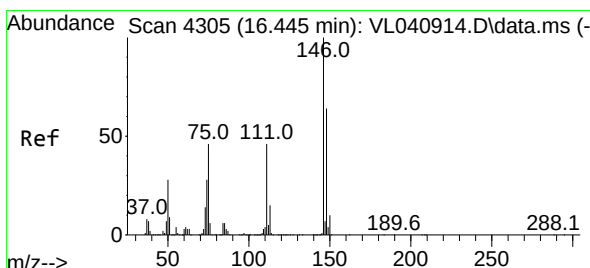
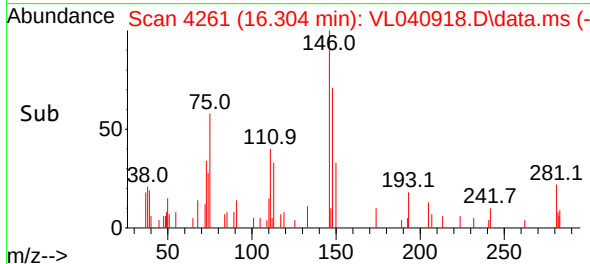
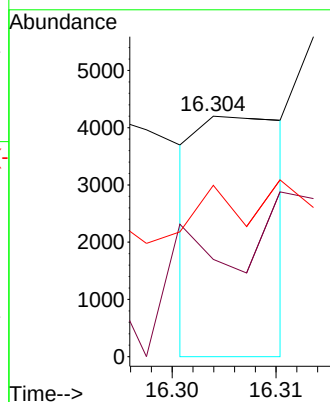
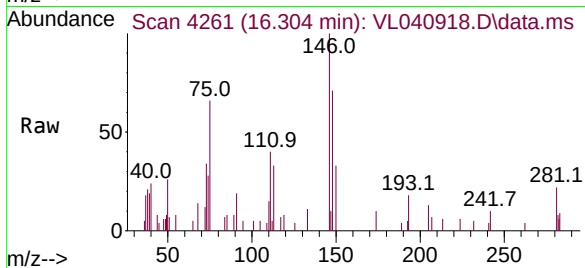
Tgt Ion:146 Resp: 2411

Ion Ratio Lower Upper

146 100

111 0.0 24.7 74.1#

148 0.0 32.1 96.5#



#76

1,4-Dichlorobenzene

Concen: 0.015 ppbv

RT: 16.449 min Scan# 4306

Delta R.T. 0.003 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

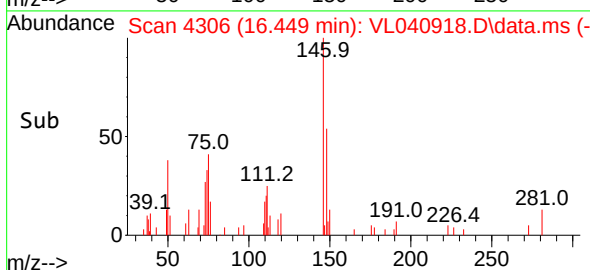
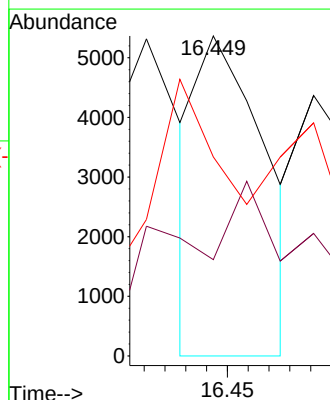
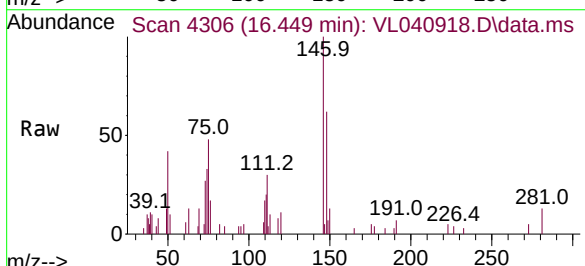
Tgt Ion:146 Resp: 2412

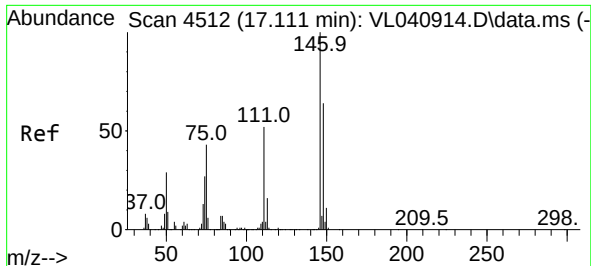
Ion Ratio Lower Upper

146 100

111 217.7 24.1 72.4#

148 401.2 33.2 99.6#

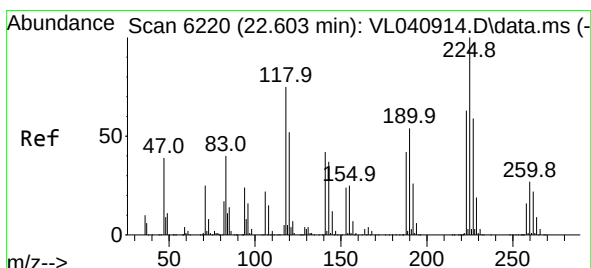
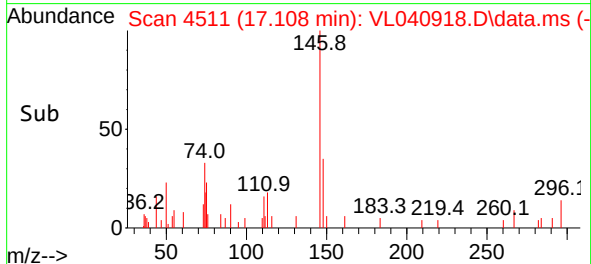
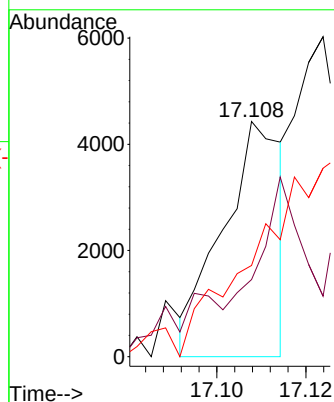
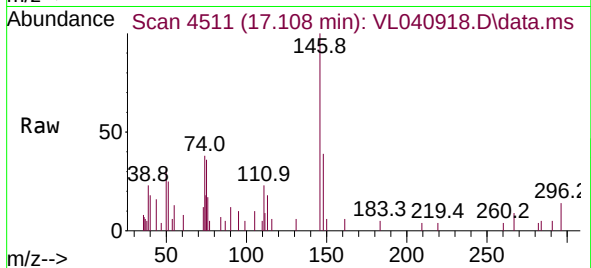




#77
1,2-Dichlorobenzene
Concen: 0.026 ppbv
RT: 17.108 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

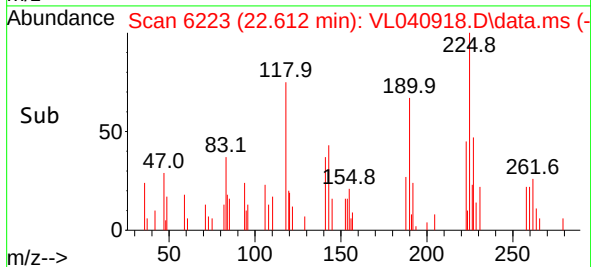
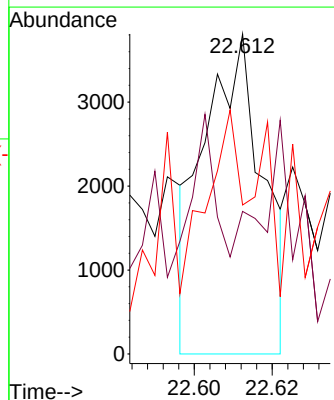
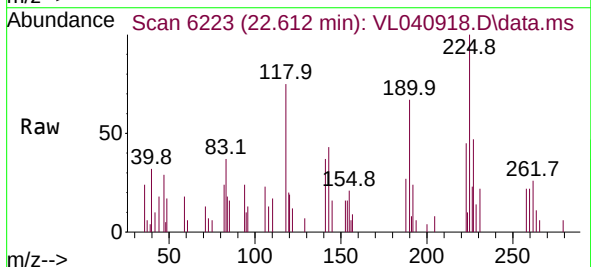
Instrument :
MSVOA_L
ClientSampleId :

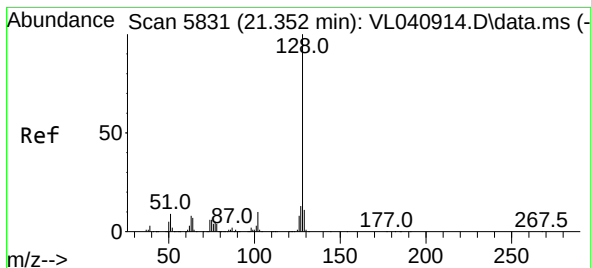
Tgt Ion:146 Resp: 4048
Ion Ratio Lower Upper
146 100
111 171.2 25.5 76.5#
148 0.0 32.2 96.6#



#78
Hexachloro-1,3-Butadiene
Concen: 0.041 ppbv
RT: 22.612 min Scan# 6223
Delta R.T. 0.010 min
Lab File: VL040918.D
Acq: 20 Dec 2023 13:39

Tgt Ion:225 Resp: 3989
Ion Ratio Lower Upper
225 100
223 164.1 51.5 77.3#
227 179.1 51.7 77.5#





#79

Naphthalene

Concen: 0.003 ppbv

RT: 21.349 min Scan# 5831

Delta R.T. -0.003 min

Lab File: VL040918.D

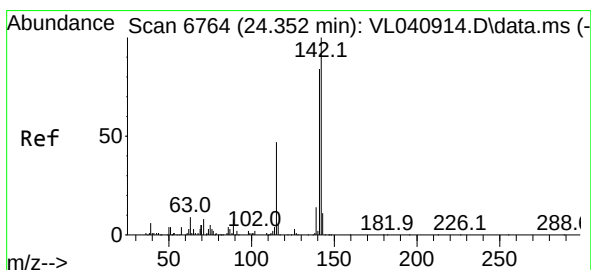
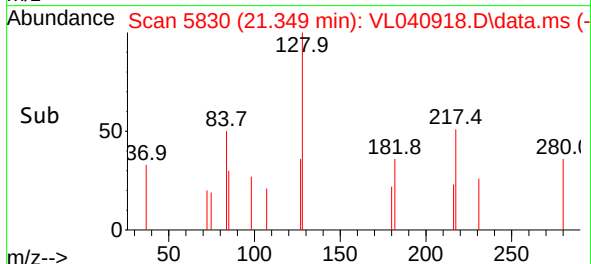
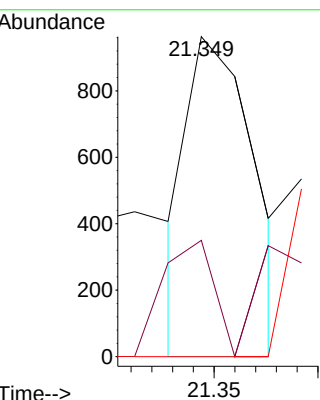
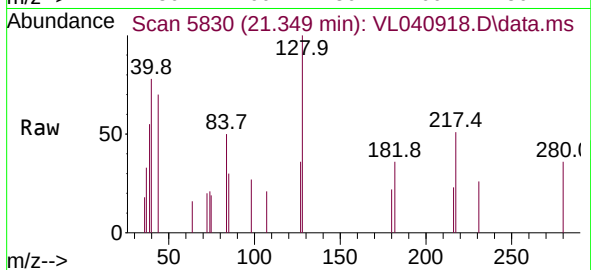
Acq: 20 Dec 2023 13:39

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:128	Resp:	429
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.6 15.8#
129	0.0	8.7 13.1#



#80

Naphthalene,2-methyl-

Concen: 0.003 ppbv

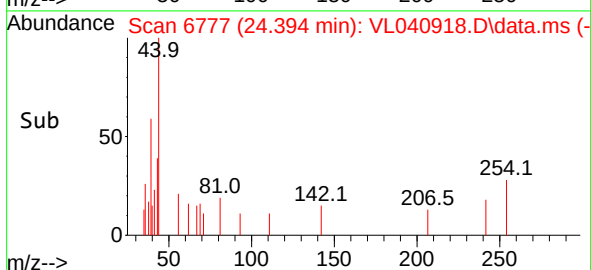
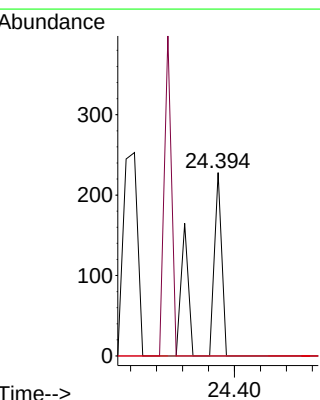
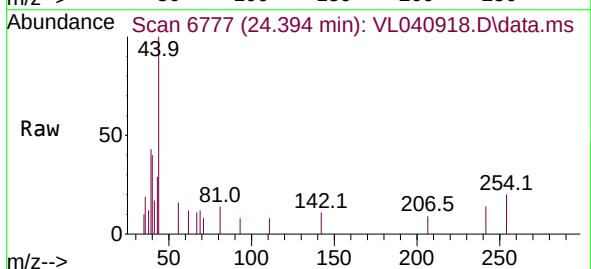
RT: 24.394 min Scan# 6777

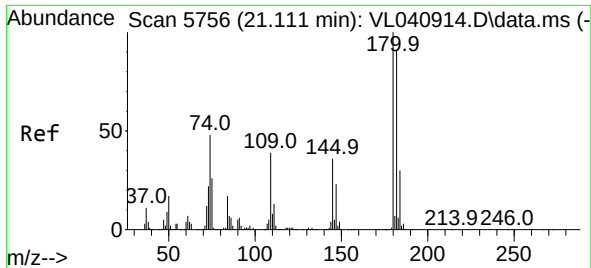
Delta R.T. 0.042 min

Lab File: VL040918.D

Acq: 20 Dec 2023 13:39

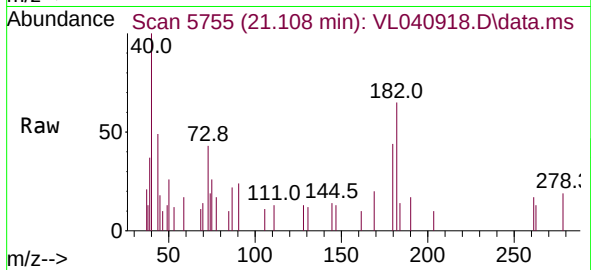
Tgt Ion:142	Resp:	76
Ion Ratio	Lower	Upper
142	100	
141	101.3	68.5 102.7
115	0.0	34.5 51.7#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.006 ppbv
 RT: 21.108 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL040918.D
 Acq: 20 Dec 2023 13:39

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 508
 Ion Ratio Lower Upper
 180 100
 182 0.0 79.4 119.0#
 184 0.0 24.5 36.7#

