

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
 Data File : VL041184.D
 Acq On : 29 Apr 2024 14:46
 Operator : SY/MD
 Sample : VSTDIC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 30 05:09:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 30 05:04:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1028130	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2580260	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2325780	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1783384	10.153	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.848	85	4752	0.033	ppbv	98
3) Chlorodifluoromethane	2.668	51	5873	0.037	ppbv	100
4) Chloromethane	2.809	50	2197	0.035	ppbv #	39
5) Vinyl Chloride	2.919	62	1508	0.025	ppbv #	47
6) Bromomethane	3.121	94	187	0.008	ppbv #	67
7) Chloroethane	3.192	64	338	0.015	ppbv #	83
8) Dichlorotetrafluoroethane	2.848	85	4752	0.033	ppbv	89
9) Propene	3.073	41	785	0.013	ppbv	98
10) Heptane	7.578	43	1084	0.007	ppbv #	1
11) Trichlorofluoromethane	3.552	101	2282	0.016	ppbv #	83
12) 1,1,2-Trichlorotrifluo...	4.057	101	1976	0.019	ppbv #	39
13) Ethanol	3.237	45	56	0.004	ppbv #	38
14) Bromoethene	3.359	108	764	0.017	ppbv #	1
15) Acetone	3.462	43	482	0.004	ppbv #	48
16) 1,3-Butadiene	2.980	39	1353	0.022	ppbv #	10
17) tert-Butyl alcohol	3.893	59	1542	0.012	ppbv #	23
18) 1,1-Dichloroethene	3.877	96	1326	0.027	ppbv #	23
19) Isopropyl Alcohol	3.568	45	147	0.002	ppbv #	41
20) Methylene Chloride	3.928	84	8232	0.193	ppbv #	65
21) Allyl Chloride	3.989	41	2364	0.030	ppbv #	4
22) trans-1,2-Dichloroethene	4.433	96	583	0.012	ppbv #	77
23) Vinyl Acetate	4.623	43	2615	0.019	ppbv #	52
24) 1,1-Dichloroethane	4.555	63	2539	0.024	ppbv #	75
25) Ethyl Acetate	5.211	43	3627	0.015	ppbv #	75
26) Hexane	5.205	57	2109	0.020	ppbv #	1
27) Carbon Disulfide	4.124	76	4275	0.034	ppbv #	43
28) Methyl tert-Butyl Ether	4.578	73	109	0.001	ppbv #	52
29) Chloroform	5.266	83	3765	0.025	ppbv	98
30) Cyclohexane	6.597	84	764	0.009	ppbv #	1
31) cis-1,2-Dichloroethene	5.076	61	3424	0.034	ppbv #	57
32) 1,1,1-Trichloroethane	5.996	97	1989	0.013	ppbv #	12
34) 2-Butanone	4.777	43	544	0.004	ppbv #	54
35) Carbon Tetrachloride	6.497	117	946	0.006	ppbv	87
36) Benzene	6.369	78	2897	0.013	ppbv #	68
37) 1,2-Dichloroethane	5.803	62	1828	0.016	ppbv #	82
38) Trichloroethene	7.285	130	402	0.005	ppbv #	39
39) 1,2-Dichloropropane	6.648	63	652759	7.784	ppbv #	25
40) 1,4-Dioxane	7.285	88	67	0.002	ppbv #	1
41) Tetrahydrofuran	5.555	42	208	0.002	ppbv #	38
42) Bromodichloromethane	7.246	83	4127	0.025	ppbv #	49
43) Methyl Methacrylate	7.471	69	314	0.004	ppbv #	1
44) 2,2,4-Trimethylpentane	7.324	57	3797	0.010	ppbv #	1
45) t-1,3-Dichloropropene	8.713	75	914	0.014	ppbv #	43

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
 Data File : VL041184.D
 Acq On : 29 Apr 2024 14:46
 Operator : SY/MD
 Sample : VSTDIC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

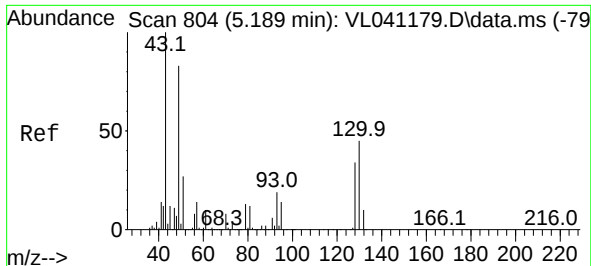
Quant Time: Apr 30 05:09:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 30 05:04:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	492	0.006	ppbv #	59
47) 1,1,2-Trichloroethane	8.896	97	2242	0.027	ppbv #	58
48) Dibromochloromethane	9.706	129	1807	0.013	ppbv #	10
49) Bromoform	12.404	173	498	0.004	ppbv #	27
50) 4-Methyl-2-Pentanone	8.179	43	228	0.001	ppbv #	40
51) 2-Hexanone	9.549	43	223	0.001	ppbv #	29
52) Tetrachloroethene	10.616	164	623	0.008	ppbv #	42
53) Toluene	9.217	91	5197	0.021	ppbv #	43
54) 1,2-Dibromoethane	10.002	107	1586	0.014	ppbv #	40
56) 1,1,1,2-Tetrachloroethane	11.503	131	743	0.008	ppbv #	9
57) Chlorobenzene	11.523	112	1884	0.011	ppbv #	24
58) Ethyl Benzene	12.063	91	1329	0.004	ppbv	95
59) m/p-Xylene	12.378	91	1670	0.006	ppbv #	31
60) o-Xylene	13.056	91	2735	0.011	ppbv #	1
61) Styrene	12.899	104	1401	0.011	ppbv #	1
62) Isopropylbenzene	14.034	105	3355	0.009	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	13.044	83	1382	0.008	ppbv #	24
64) n-propylbenzene	14.912	120	997	0.010	ppbv #	1
65) tert-Butylbenzene	16.095	119	3961	0.012	ppbv #	1
66) Benzyl Chloride	16.326	91	543	0.014	ppbv #	65
67) sec-Butylbenzene	16.635	105	6258	0.013	ppbv #	48
69) p-Isopropyltoluene	16.992	119	3556	0.009	ppbv #	47
70) n-Butylbenzene	17.892	91	5869	0.014	ppbv #	30
71) 2-Chlorotoluene	14.799	91	2088	0.007	ppbv #	1
72) 4-Ethyltoluene	15.182	105	1430	0.005	ppbv #	54
73) 1,3,5-Trimethylbenzene	15.346	105	819	0.003	ppbv #	30
74) 1,2,4-Trimethylbenzene	16.105	105	3375	0.012	ppbv #	68
75) 1,3-Dichlorobenzene	16.320	146	1310	0.008	ppbv #	1
76) 1,4-Dichlorobenzene	16.471	146	1223	0.008	ppbv #	1
77) 1,2-Dichlorobenzene	17.140	146	1249	0.008	ppbv #	22
78) Hexachloro-1,3-Butadiene	22.622	225	1407	0.010	ppbv #	18
79) Naphthalene	21.368	128	320	0.001	ppbv #	68
80) Naphthalene,2-methyl-	24.435	142	254	0.002	ppbv #	65
81) 1,2,4-Trichlorobenzene	21.133	180	230	0.002	ppbv #	1

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

Quant Time: Apr 30 05:09:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSV0A_LFri Aug 26 06:05:16 2022
QLast Update : Tue Apr 30 05:04:57 2024
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.185 min Scan# 80

Delta R.T. -0.004 min

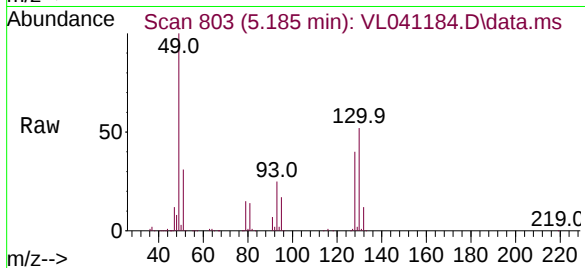
Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :



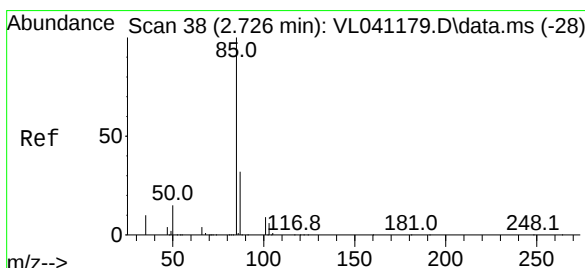
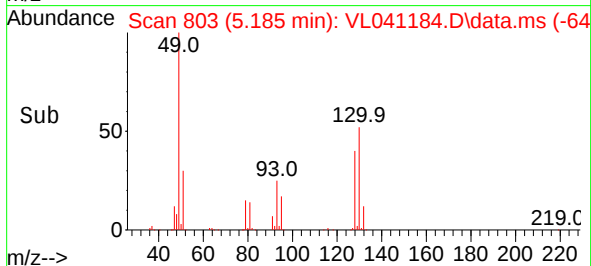
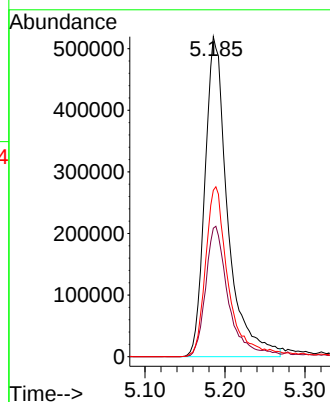
Tgt Ion: 49 Resp: 1028130

Ion Ratio Lower Upper

49 100

128 40.8 21.5 64.5

130 55.2 27.2 81.6



#2

Dichlorodifluoromethane

Concen: 0.033 ppbv

RT: 2.848 min Scan# 76

Delta R.T. 0.122 min

Lab File: VL041184.D

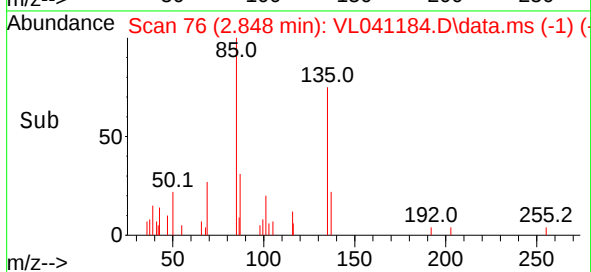
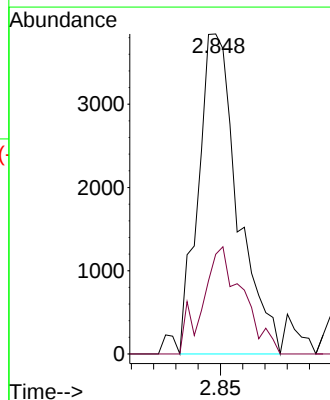
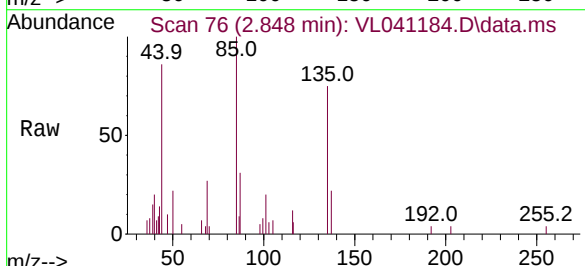
Acq: 29 Apr 2024 14:46

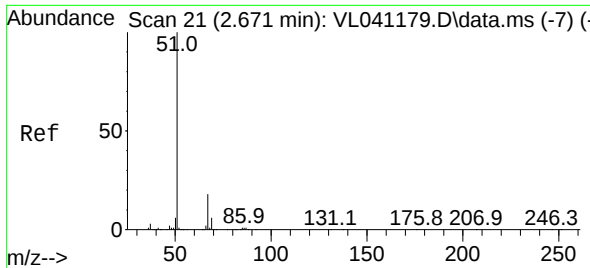
Tgt Ion: 85 Resp: 4752

Ion Ratio Lower Upper

85 100

87 31.2 25.7 38.5

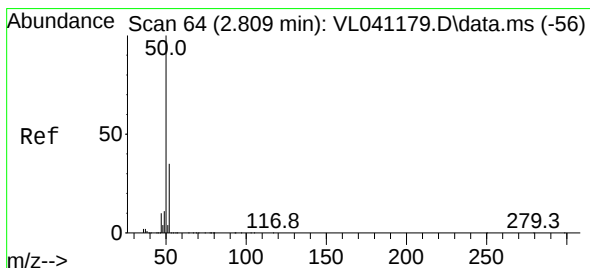
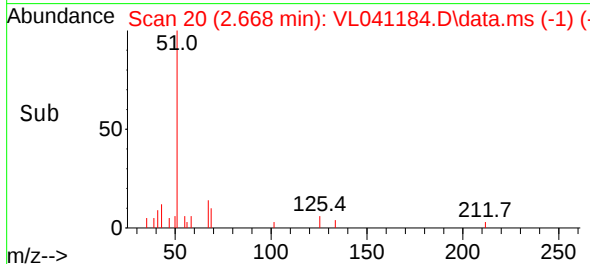
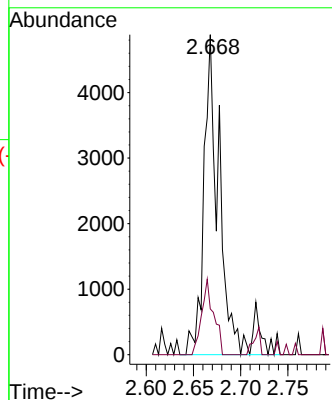
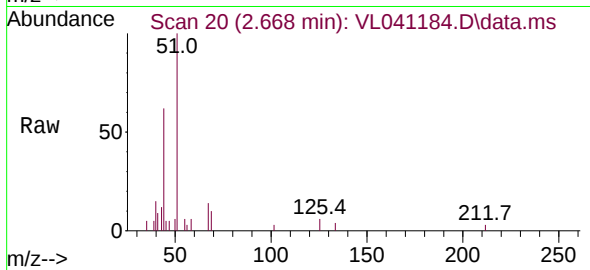




#3
Chlorodifluoromethane
Concen: 0.037 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

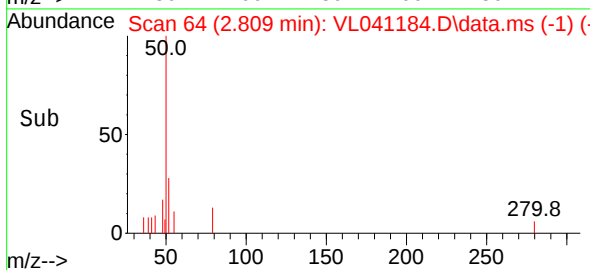
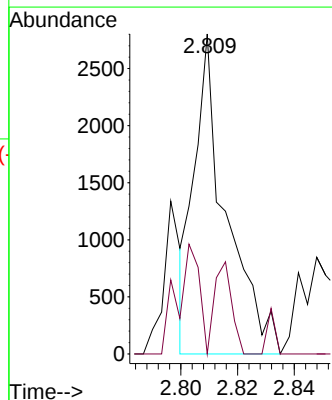
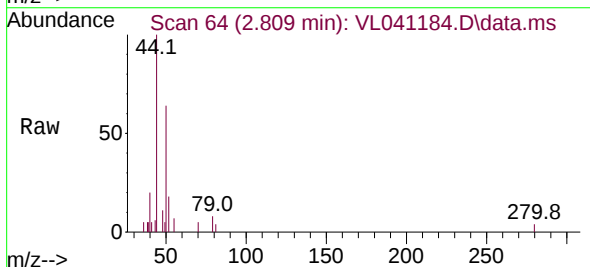
Instrument :
MSVOA_L
ClientSampleId :

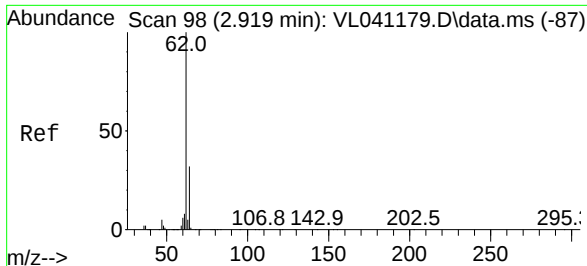
Tgt Ion: 51 Resp: 5873
Ion Ratio Lower Upper
51 100
67 17.3 14.0 21.0



#4
Chloromethane
Concen: 0.035 ppbv
RT: 2.809 min Scan# 64
Delta R.T. -0.000 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

Tgt Ion: 50 Resp: 2197
Ion Ratio Lower Upper
50 100
52 0.0 28.3 42.5#

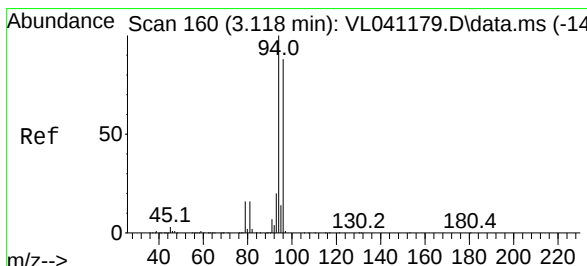
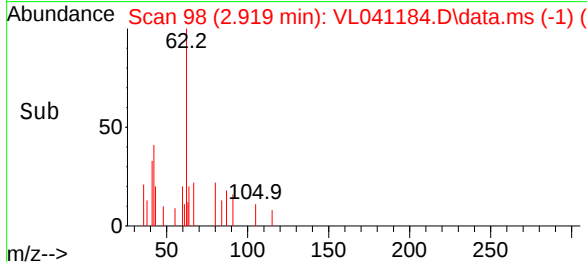
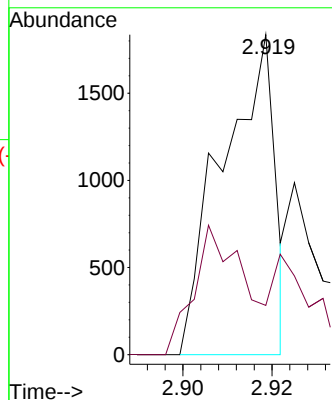
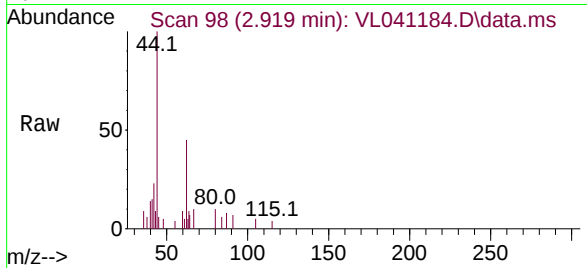




#5
 Vinyl Chloride
 Concen: 0.025 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VL041184.D
 Acq: 29 Apr 2024 14:46

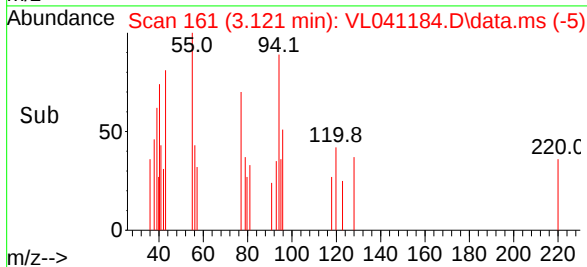
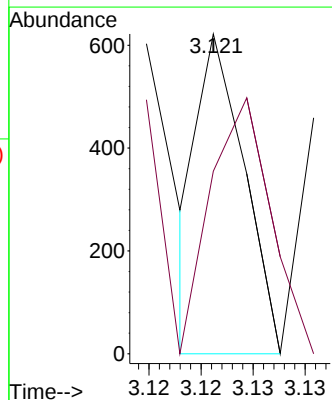
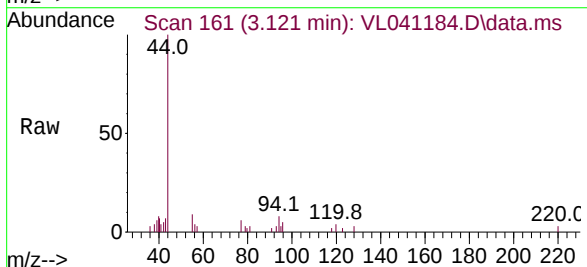
Instrument :
 MSVOA_L
 ClientSampleId :

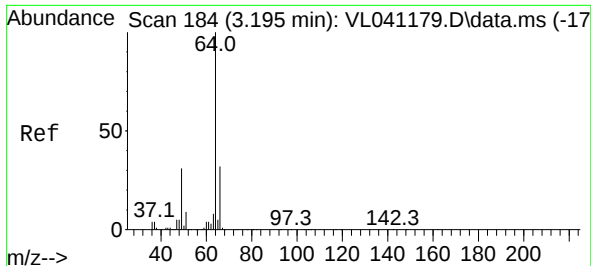
Tgt Ion: 62 Resp: 1508
 Ion Ratio Lower Upper
 62 100
 64 2.2 25.7 38.5#



#6
 Bromomethane
 Concen: 0.008 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VL041184.D
 Acq: 29 Apr 2024 14:46

Tgt Ion: 94 Resp: 187
 Ion Ratio Lower Upper
 94 100
 96 57.1 70.1 105.1#

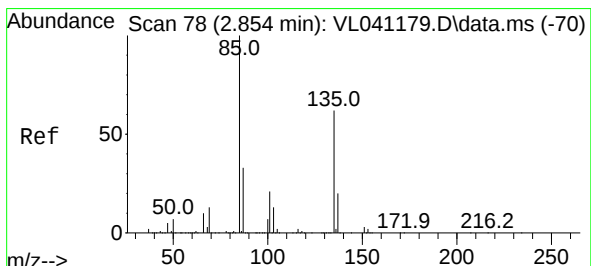
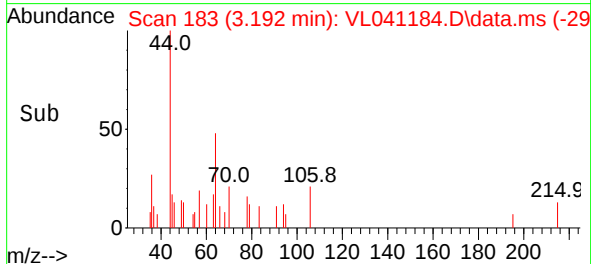
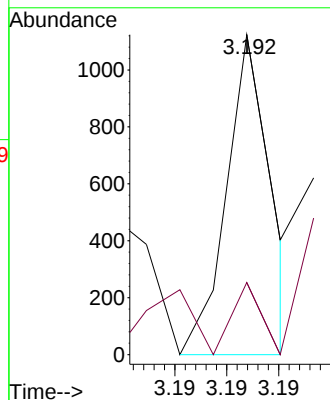
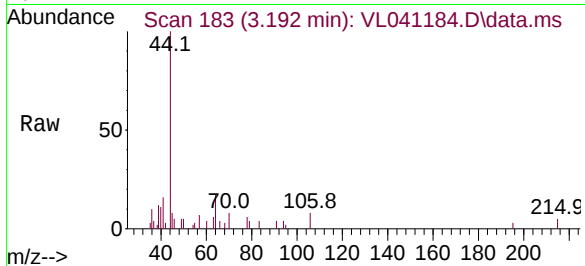




#7
Chloroethane
Concen: 0.015 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

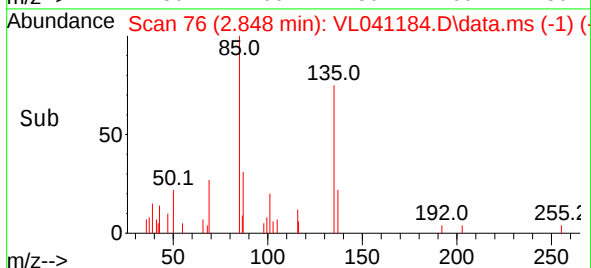
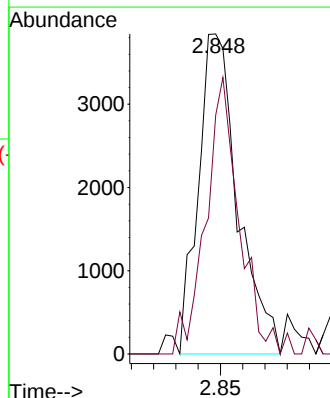
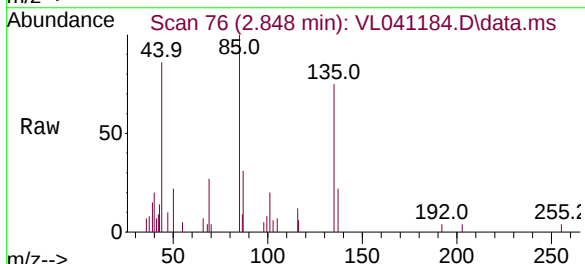
Instrument :
MSVOA_L
ClientSampleId :

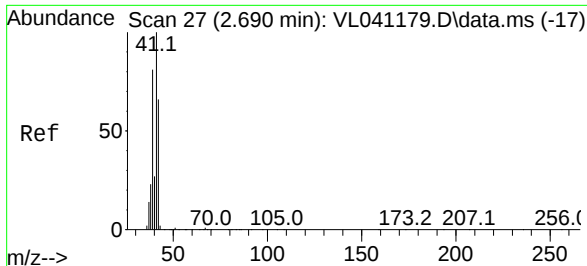
Tgt Ion: 64 Resp: 338
Ion Ratio Lower Upper
64 100
66 22.5 25.4 38.2#



#8
Dichlorotetrafluoroethane
Concen: 0.033 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.006 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

Tgt Ion: 85 Resp: 4752
Ion Ratio Lower Upper
85 100
135 73.3 51.5 77.3





#9

Propene

Concen: 0.013 ppbv

RT: 3.073 min Scan# 14

Delta R.T. 0.383 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

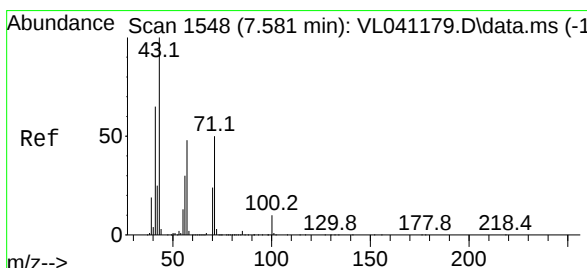
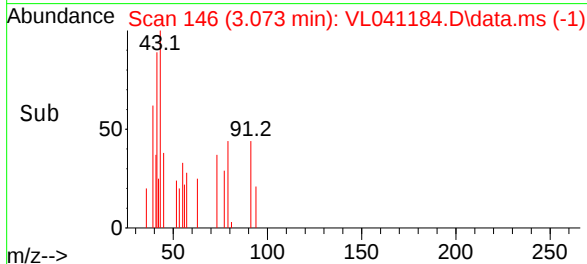
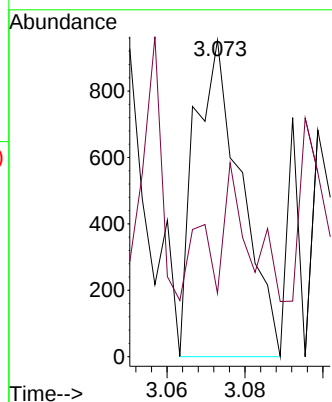
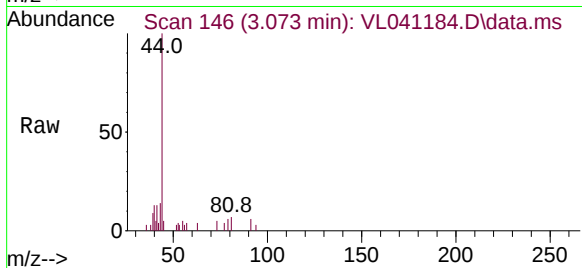
ClientSampleId :

Tgt Ion: 41 Resp: 785

Ion Ratio Lower Upper

41 100

42 71.0 55.3 82.9



#10

Heptane

Concen: 0.007 ppbv

RT: 7.578 min Scan# 1547

Delta R.T. -0.003 min

Lab File: VL041184.D

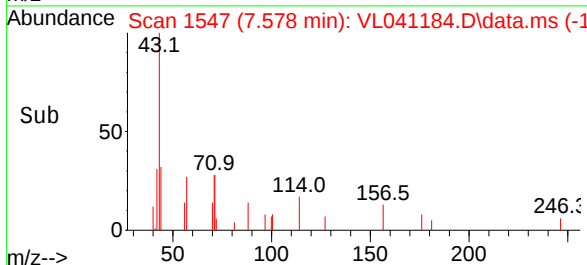
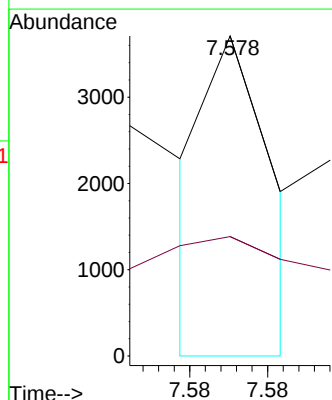
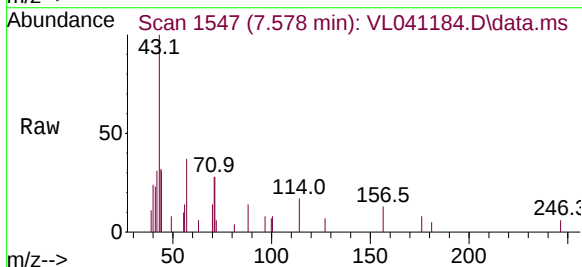
Acq: 29 Apr 2024 14:46

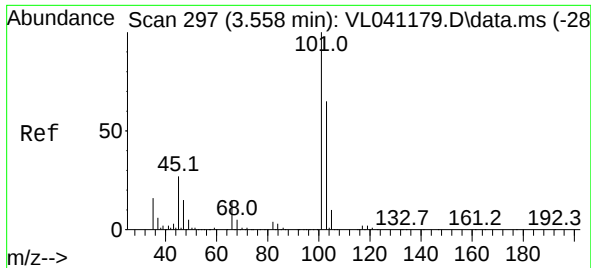
Tgt Ion: 43 Resp: 1084

Ion Ratio Lower Upper

43 100

57 294.8 38.7 58.1#

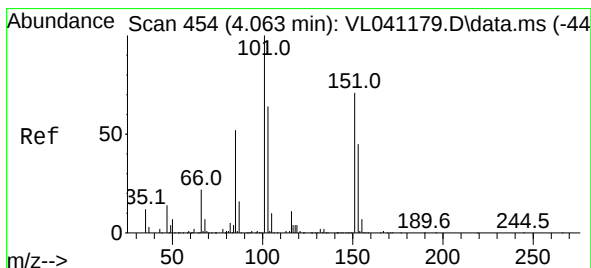
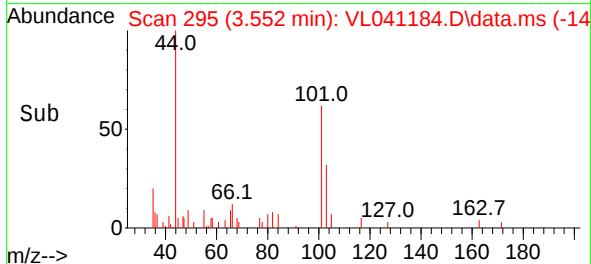
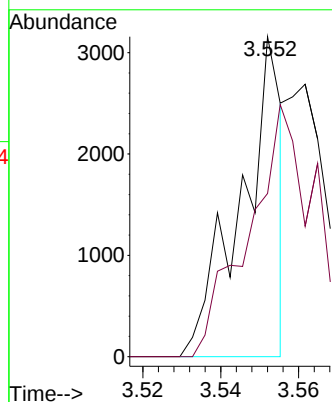
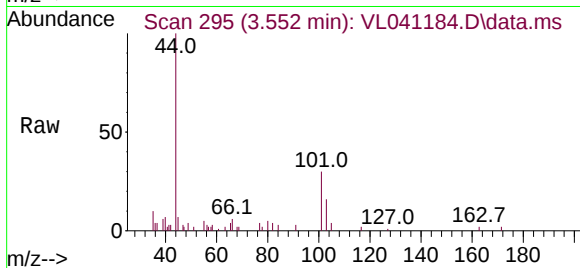




#11
 Trichlorofluoromethane
 Concen: 0.016 ppbv
 RT: 3.552 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VL041184.D
 Acq: 29 Apr 2024 14:46

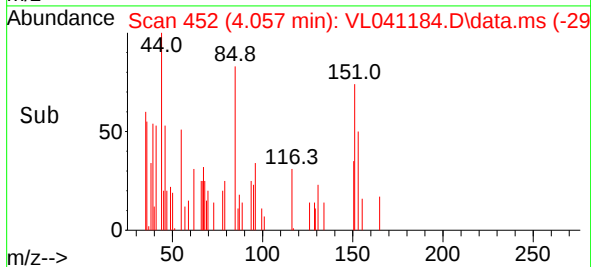
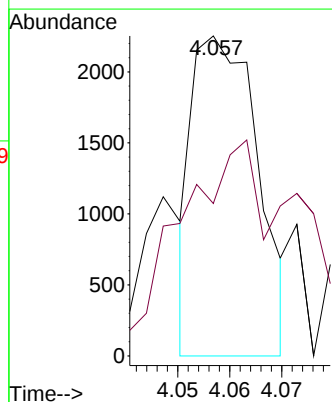
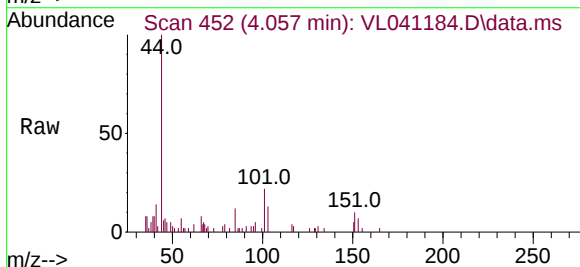
Instrument :
 MSVOA_L
 ClientSampleId :

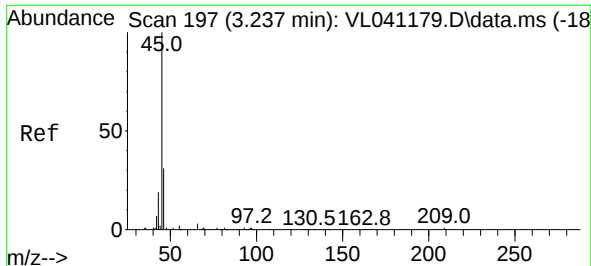
Tgt Ion:101 Resp: 2282
 Ion Ratio Lower Upper
 101 100
 103 51.0 51.6 77.4#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.019 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.006 min
 Lab File: VL041184.D
 Acq: 29 Apr 2024 14:46

Tgt Ion:101 Resp: 1976
 Ion Ratio Lower Upper
 101 100
 151 121.4 56.8 85.2#





#13

Ethanol

Concen: 0.004 ppbv

RT: 3.237 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

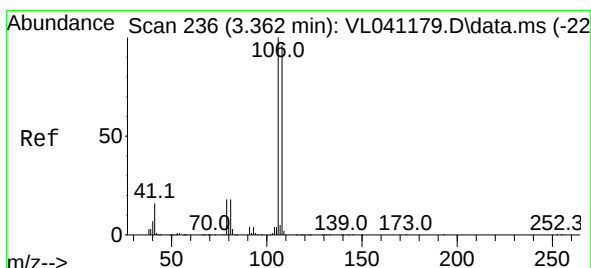
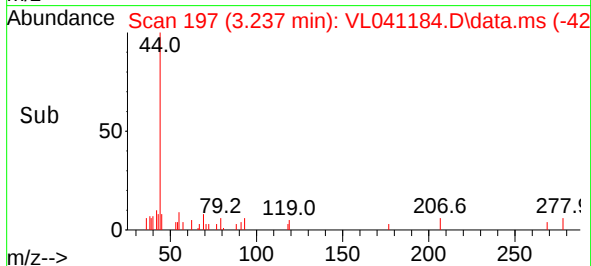
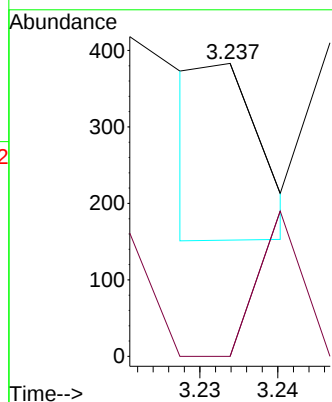
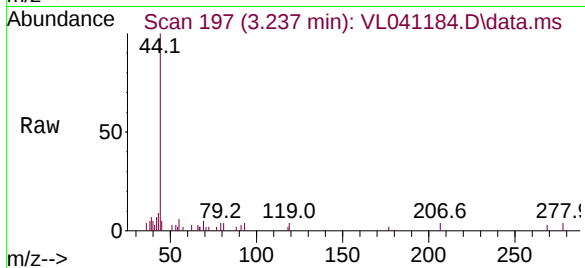
ClientSampleId :

Tgt Ion: 45 Resp: 56

Ion Ratio Lower Upper

45 100

46 0.0 14.8 59.0#



#14

Bromoethene

Concen: 0.017 ppbv

RT: 3.359 min Scan# 235

Delta R.T. -0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

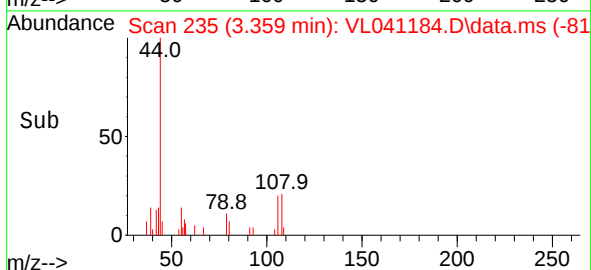
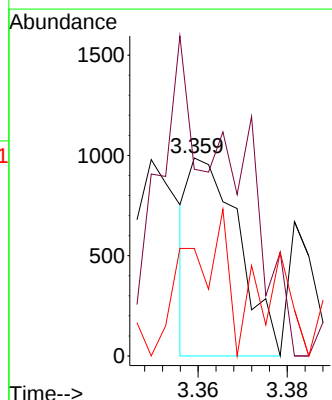
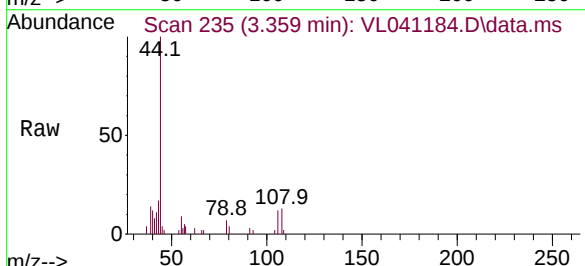
Tgt Ion: 108 Resp: 764

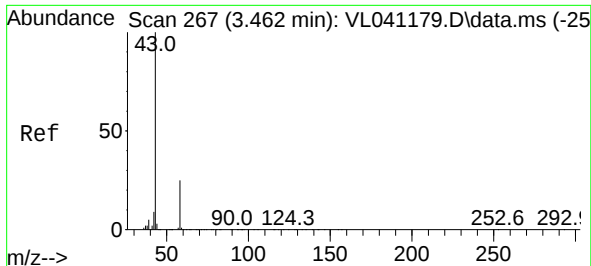
Ion Ratio Lower Upper

108 100

106 247.5 88.2 132.4#

79 145.9 17.4 26.0#





#15

Acetone

Concen: 0.004 ppbv

RT: 3.462 min Scan# 20

Delta R.T. -0.000 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

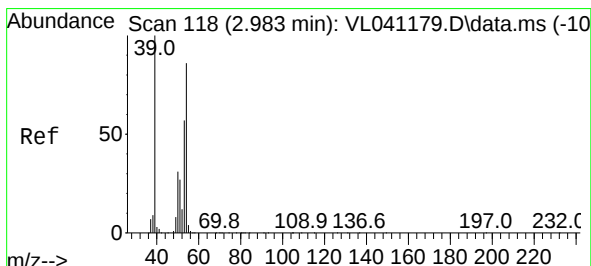
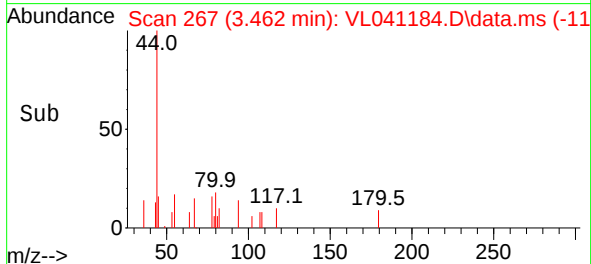
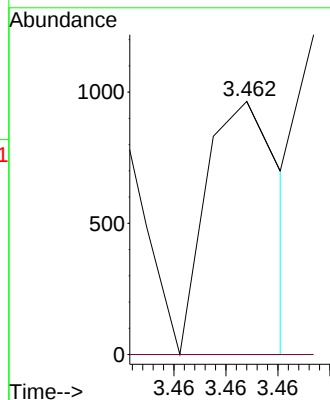
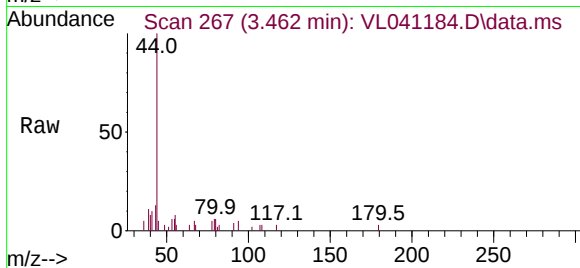
ClientSampleId :

Tgt Ion: 43 Resp: 482

Ion Ratio Lower Upper

43 100

58 0.0 21.4 32.0#



#16

1,3-Butadiene

Concen: 0.022 ppbv

RT: 2.980 min Scan# 117

Delta R.T. -0.003 min

Lab File: VL041184.D

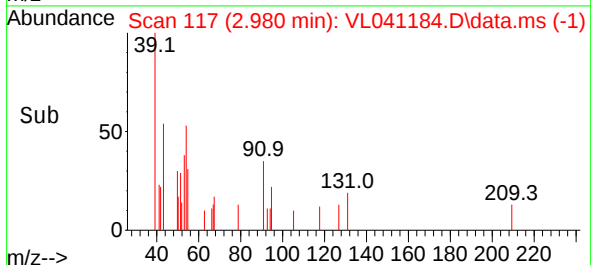
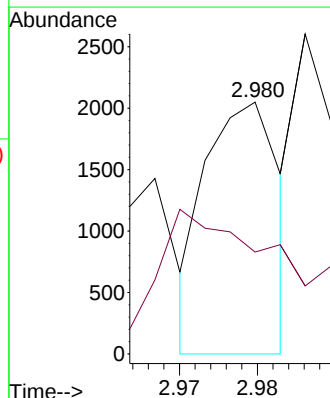
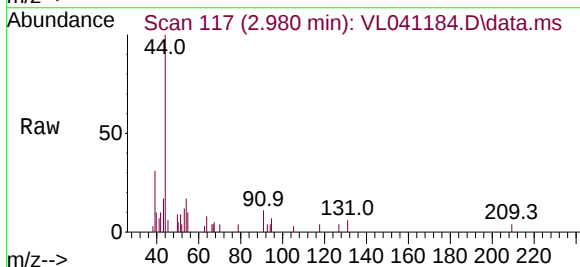
Acq: 29 Apr 2024 14:46

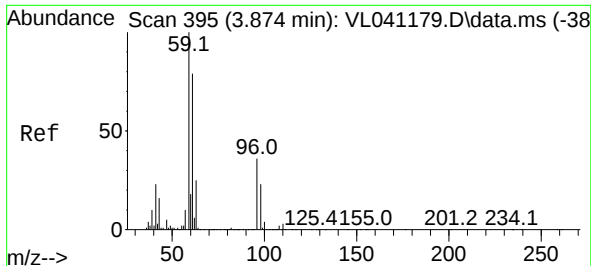
Tgt Ion: 39 Resp: 1353

Ion Ratio Lower Upper

39 100

54 0.0 62.2 93.4#





#17

tert-Butyl alcohol

Concen: 0.012 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.019 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

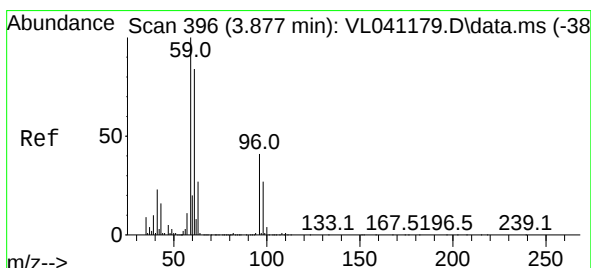
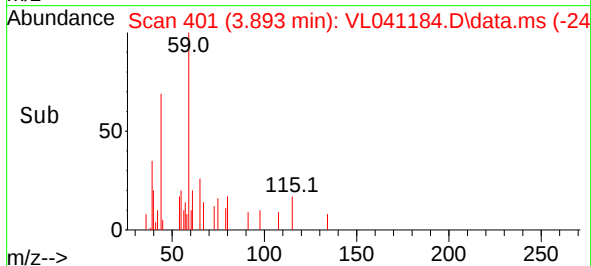
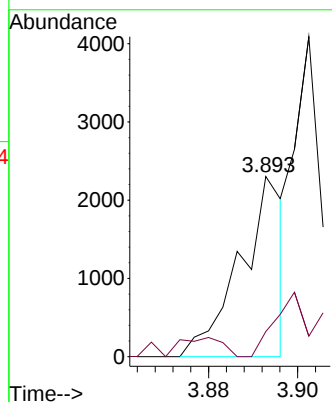
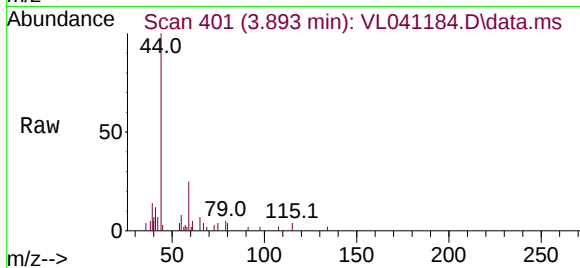
ClientSampleId :

Tgt Ion: 59 Resp: 1542

Ion Ratio Lower Upper

59 100

57 39.4 8.4 12.6#



#18

1,1-Dichloroethene

Concen: 0.027 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.000 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

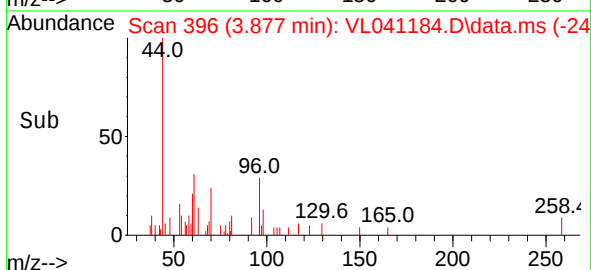
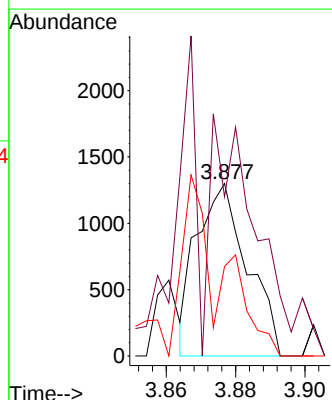
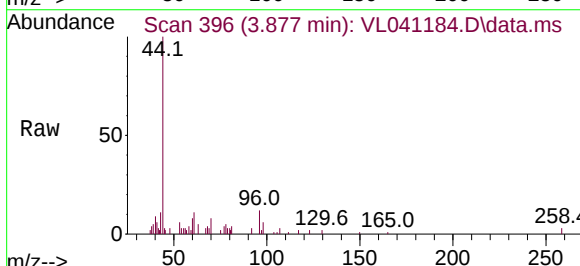
Tgt Ion: 96 Resp: 1326

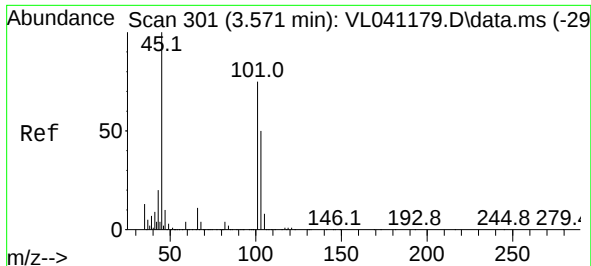
Ion Ratio Lower Upper

96 100

61 57.6 164.4 246.6#

98 51.8 51.8 77.8





#19

Isopropyl Alcohol

Concen: 0.002 ppbv

RT: 3.568 min Scan# 301

Delta R.T. -0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

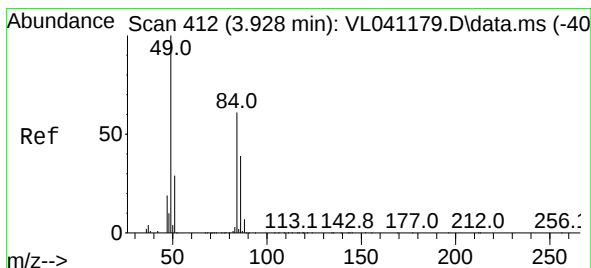
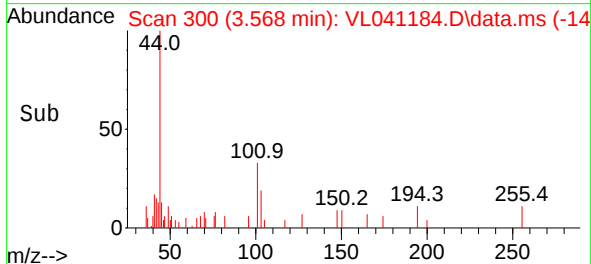
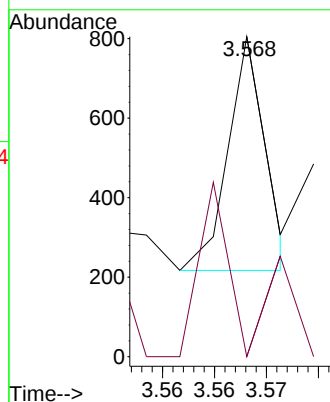
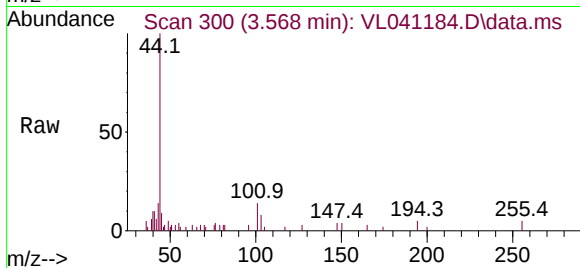
ClientSampleId :

Tgt Ion: 45 Resp: 147

Ion Ratio Lower Upper

45 100

58 0.0 26.8 40.2#



#20

Methylene Chloride

Concen: 0.193 ppbv

RT: 3.928 min Scan# 412

Delta R.T. -0.000 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Tgt Ion: 84 Resp: 8232

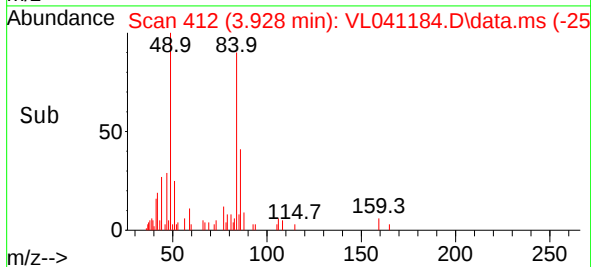
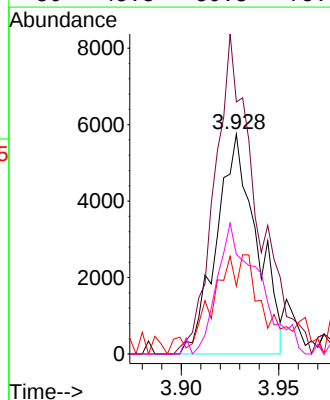
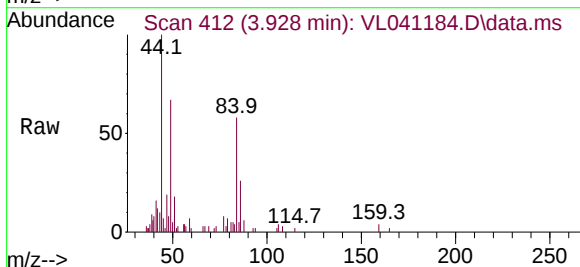
Ion Ratio Lower Upper

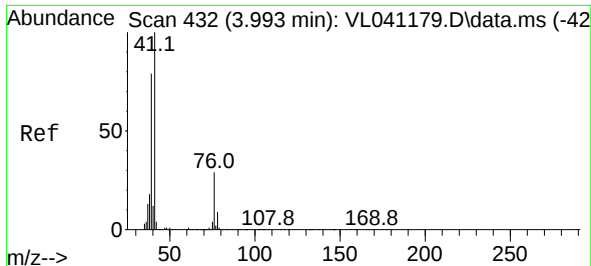
84 100

49 111.4 130.4 195.6#

51 23.2 38.0 57.0#

86 45.3 50.3 75.5#





#21

Allyl Chloride

Concen: 0.030 ppbv

RT: 3.989 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041184.D

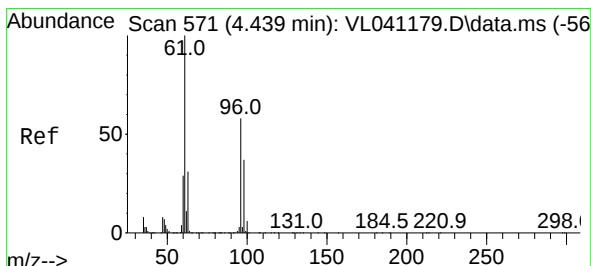
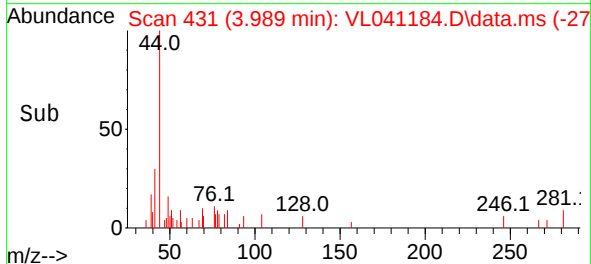
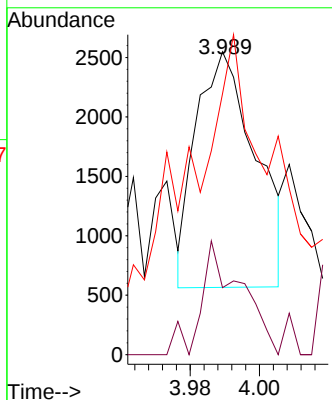
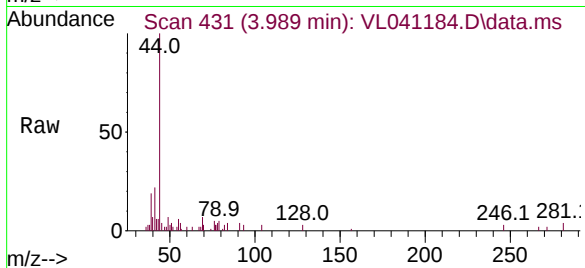
Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 41	Resp: 2364
Ion Ratio	Lower Upper
41	100
76	35.5 23.7 35.5
39	194.3 64.7 97.1#



#22

trans-1,2-Dichloroethene

Concen: 0.012 ppbv

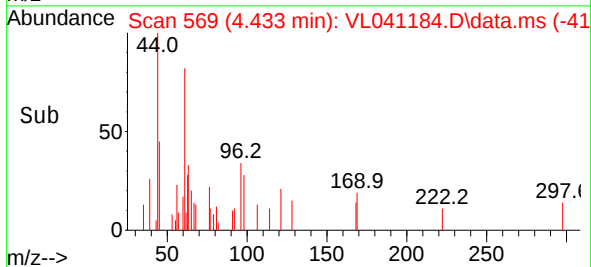
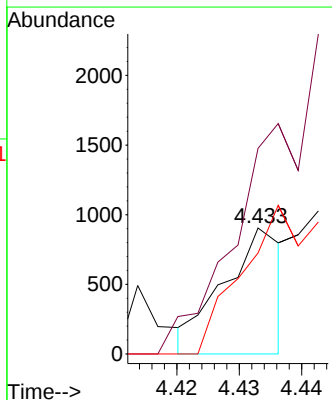
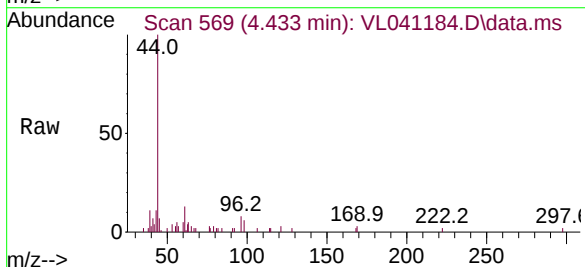
RT: 4.433 min Scan# 569

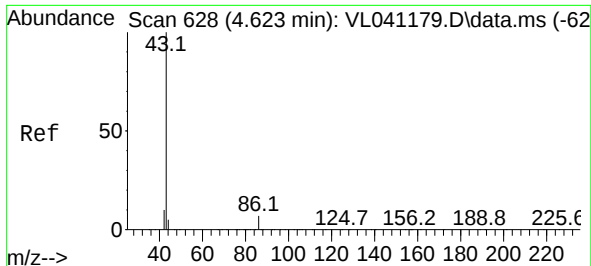
Delta R.T. -0.006 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

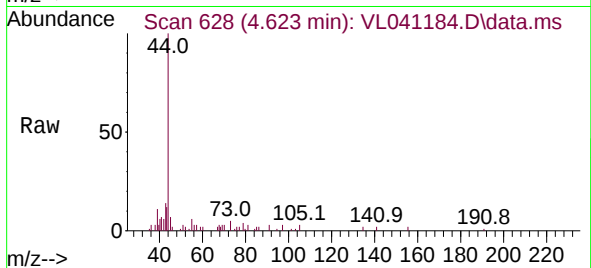
Tgt Ion: 96	Resp: 583
Ion Ratio	Lower Upper
96	100
61	190.9 137.6 206.4
98	101.4 50.6 76.0#



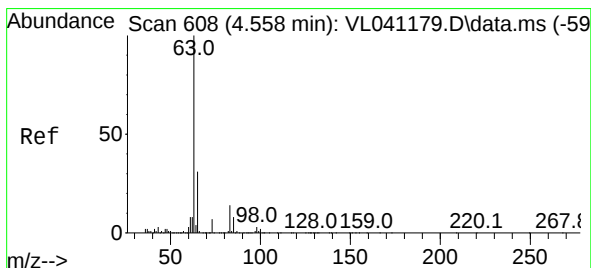
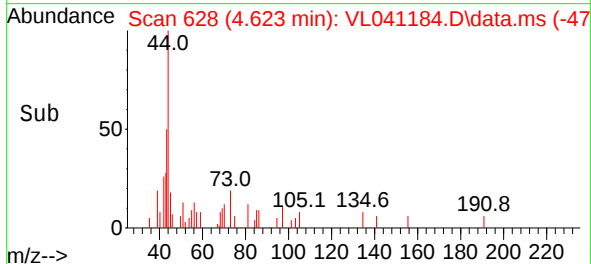
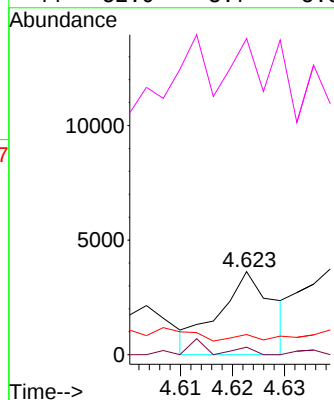


#23
 Vinyl Acetate
 Concen: 0.019 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL041184.D
 Acq: 29 Apr 2024 14:46

Instrument :
 MSVOA_L
 ClientSampleId :

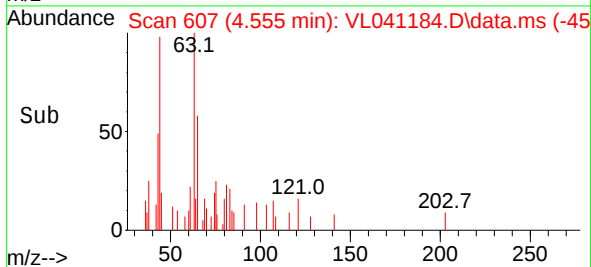
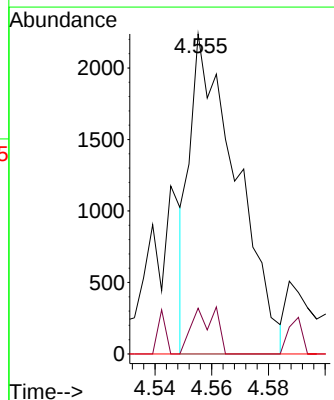
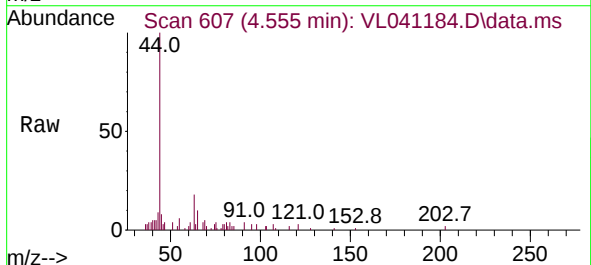


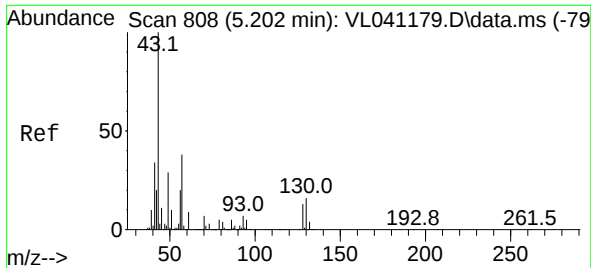
Tgt Ion:	43	Resp:	2615
Ion	Ratio	Lower	Upper
43	100		
86	12.7	4.9	7.3#
42	2.9	8.0	12.0#
44	52.9	3.7	5.5#



#24
 1,1-Dichloroethane
 Concen: 0.024 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.003 min
 Lab File: VL041184.D
 Acq: 29 Apr 2024 14:46

Tgt Ion:	63	Resp:	2539
Ion	Ratio	Lower	Upper
63	100		
98	15.7	1.6	4.8#
100	0.0	1.1	3.5#

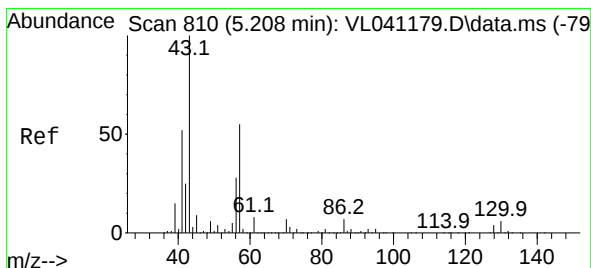
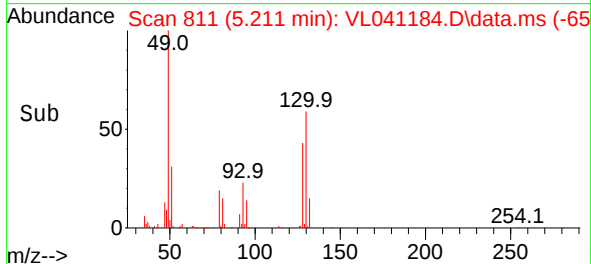
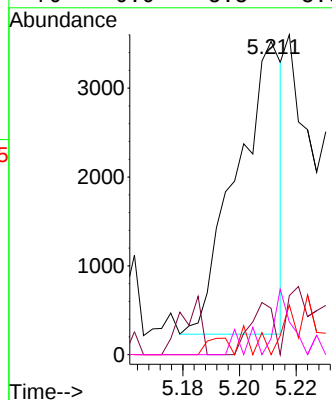
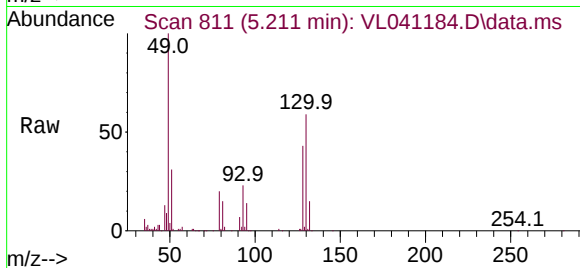




#25
Ethyl Acetate
Concen: 0.015 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

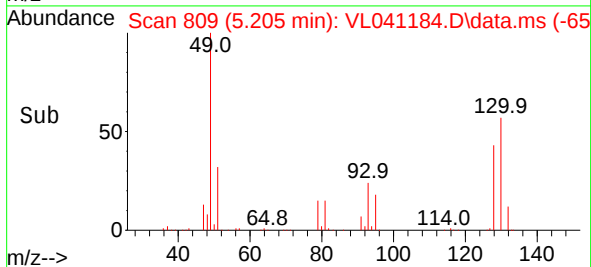
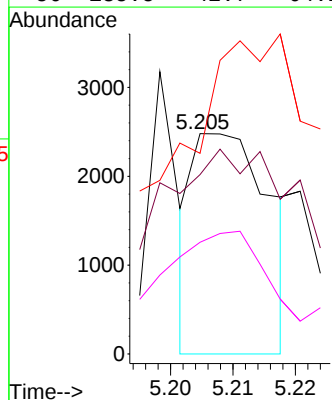
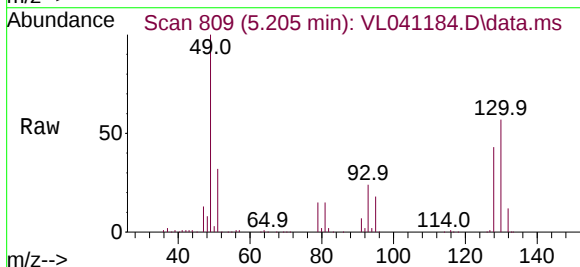
Instrument :
MSVOA_L
ClientSampleId :

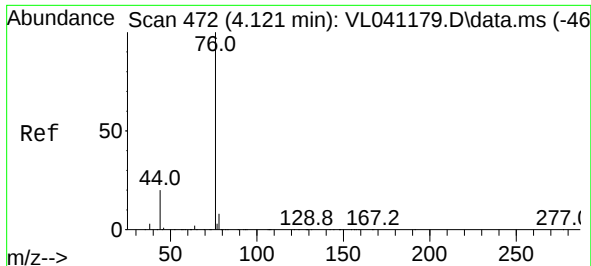
Tgt Ion: 43 Resp: 3627
Ion Ratio Lower Upper
43 100
45 0.0 8.2 12.2#
61 0.0 7.7 11.5#
70 0.0 5.8 8.6#



#26
Hexane
Concen: 0.020 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

Tgt Ion: 57 Resp: 2109
Ion Ratio Lower Upper
57 100
41 252.4 75.8 113.8#
43 0.0 187.0 280.4#
56 135.5 42.7 64.1#

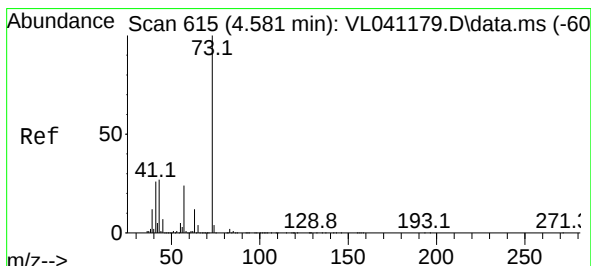
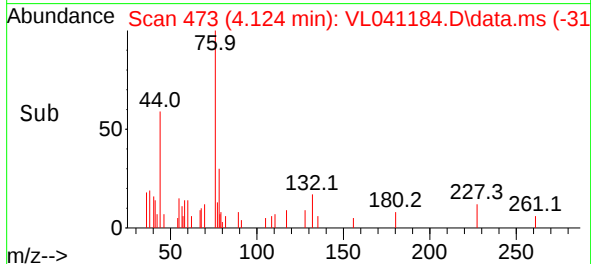
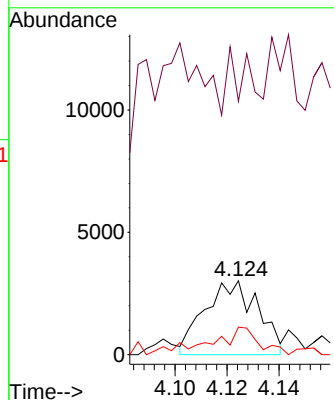
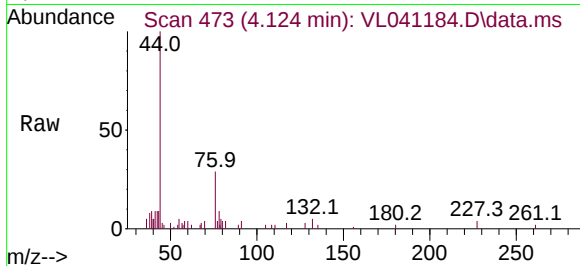




#27
Carbon Disulfide
Concen: 0.034 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

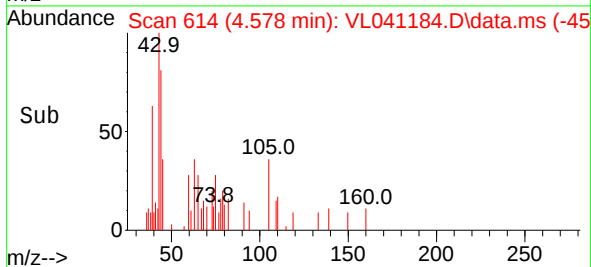
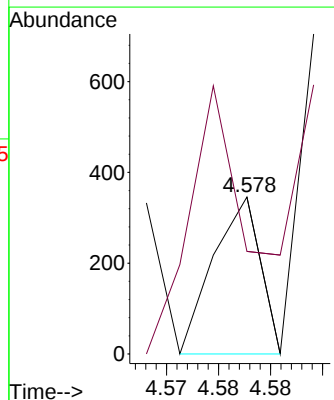
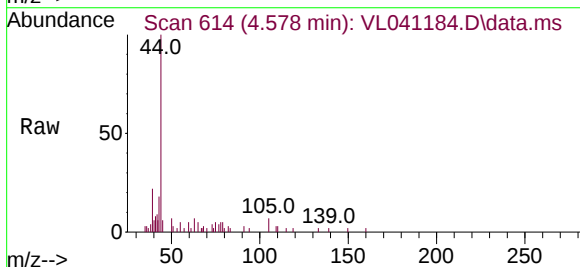
Instrument :
MSVOA_L
ClientSampleId :

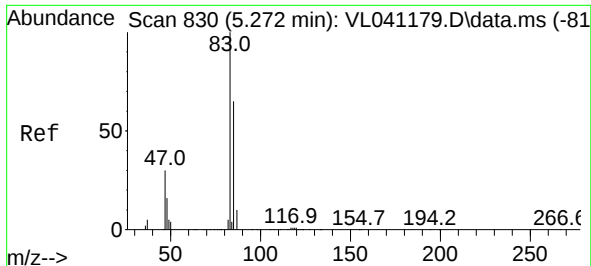
Tgt Ion: 76 Resp: 4275
Ion Ratio Lower Upper
76 100
44 0.0 16.3 24.5#
78 39.8 7.3 10.9#



#28
Methyl tert-Butyl Ether
Concen: 0.001 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.003 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

Tgt Ion: 73 Resp: 109
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2#





#29

Chloroform

Concen: 0.025 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

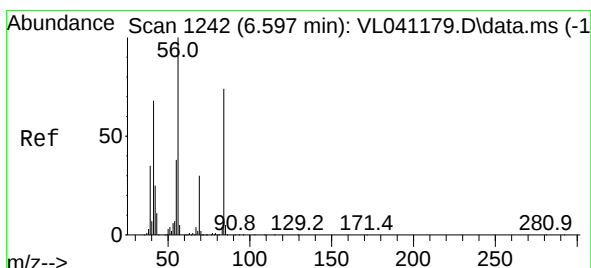
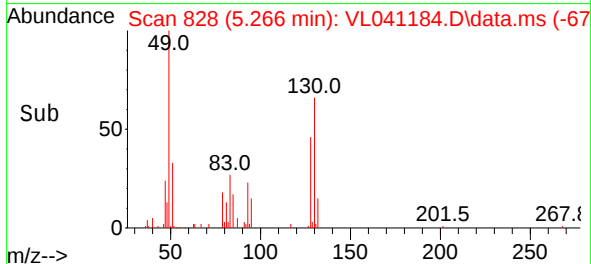
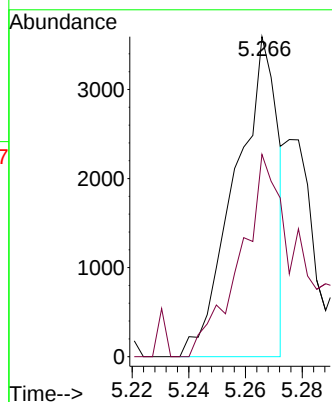
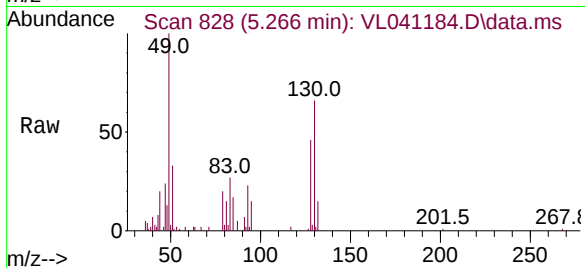
ClientSampleId :

Tgt Ion: 83 Resp: 3765

Ion Ratio Lower Upper

83 100

85 63.2 51.7 77.5



#30

Cyclohexane

Concen: 0.009 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

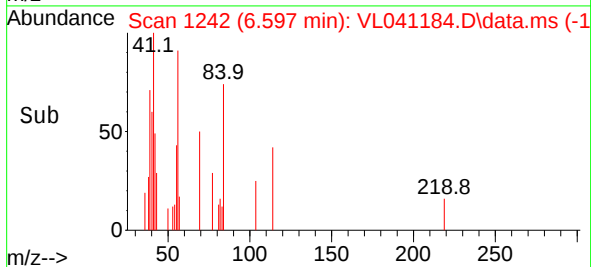
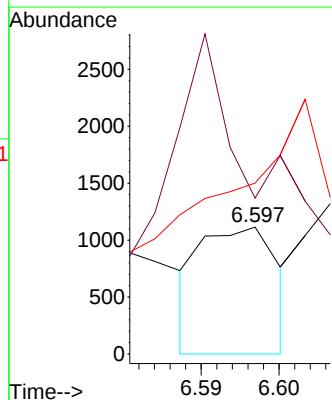
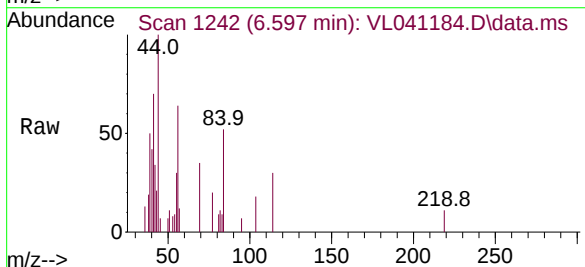
Tgt Ion: 84 Resp: 764

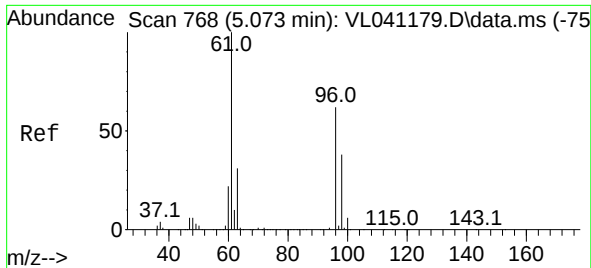
Ion Ratio Lower Upper

84 100

56 0.0 116.8 175.2#

41 0.0 73.8 110.8#





#31

cis-1,2-Dichloroethene

Concen: 0.034 ppbv

RT: 5.076 min Scan# 7

Delta R.T. 0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

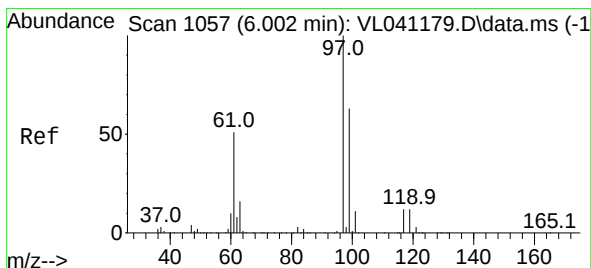
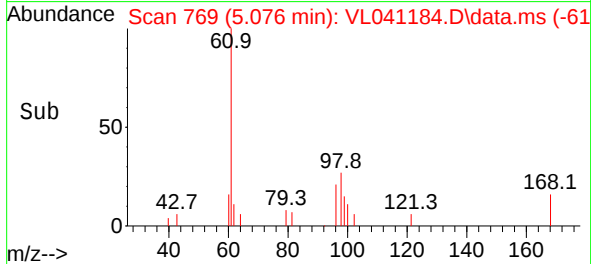
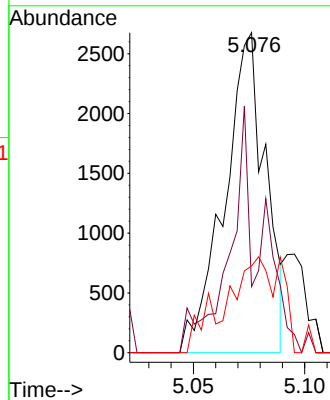
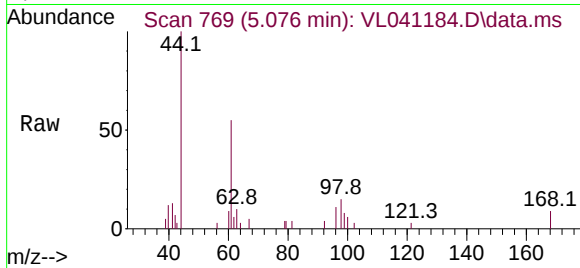
Tgt Ion: 61 Resp: 3424

Ion Ratio Lower Upper

61 100

96 18.7 49.8 74.6#

98 24.5 30.0 45.0#



#32

1,1,1-Trichloroethane

Concen: 0.013 ppbv

RT: 5.996 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

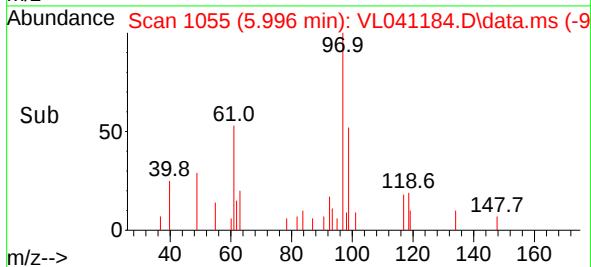
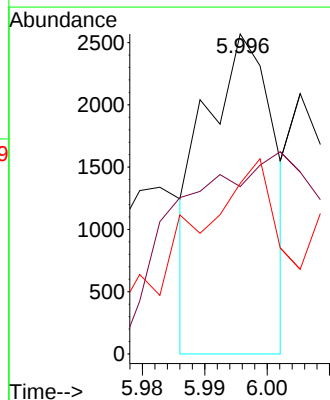
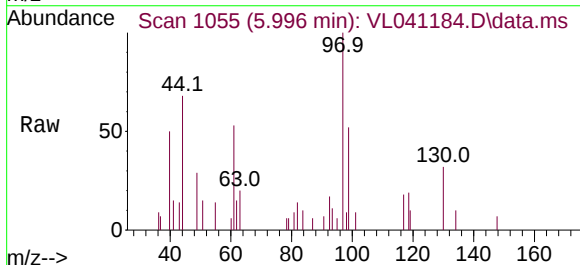
Tgt Ion: 97 Resp: 1989

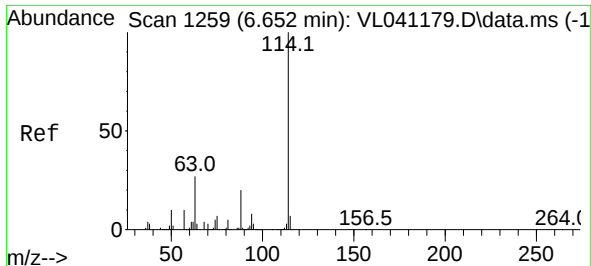
Ion Ratio Lower Upper

97 100

99 0.0 51.7 77.5#

61 118.5 41.1 61.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

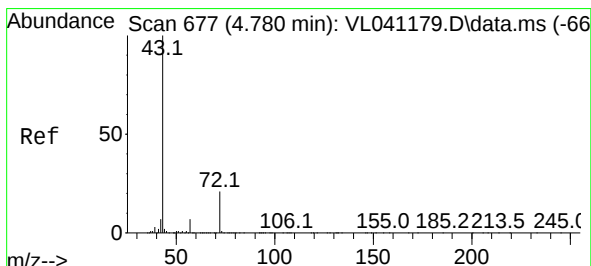
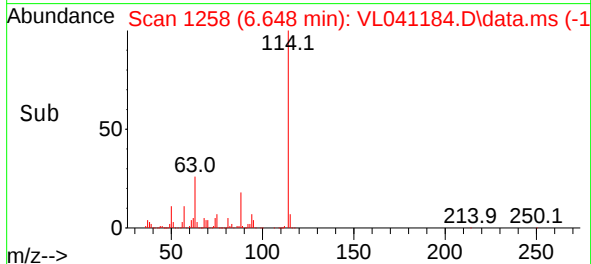
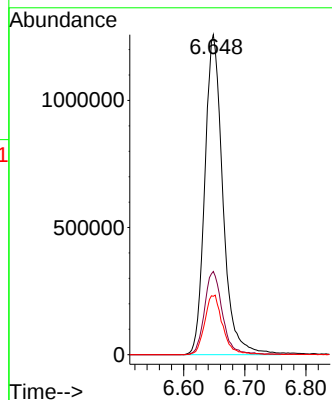
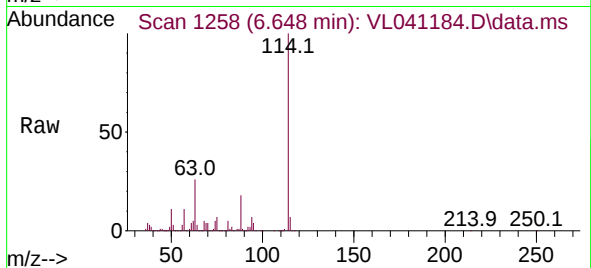
Tgt Ion:114 Resp: 2580260

Ion Ratio Lower Upper

114 100

63 26.2 21.8 32.6

88 18.7 15.2 22.8



#34

2-Butanone

Concen: 0.004 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.003 min

Lab File: VL041184.D

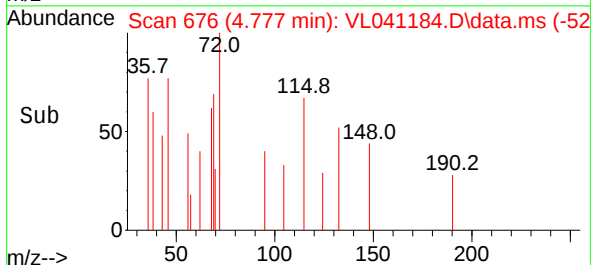
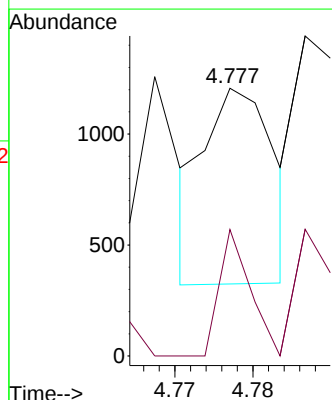
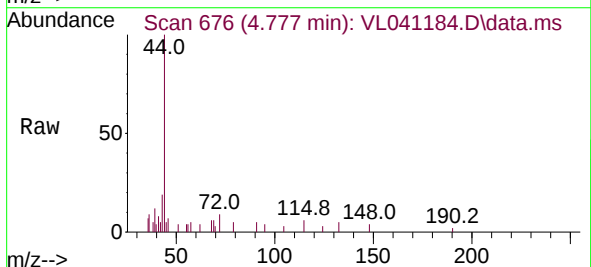
Acq: 29 Apr 2024 14:46

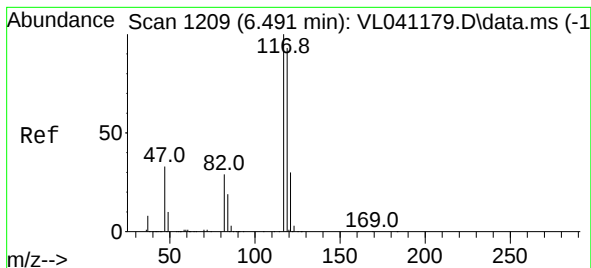
Tgt Ion: 43 Resp: 544

Ion Ratio Lower Upper

43 100

72 0.0 17.3 25.9#





#35

Carbon Tetrachloride

Concen: 0.006 ppbv

RT: 6.497 min Scan# 117

Delta R.T. 0.006 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

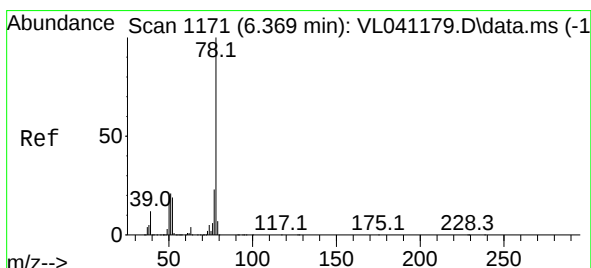
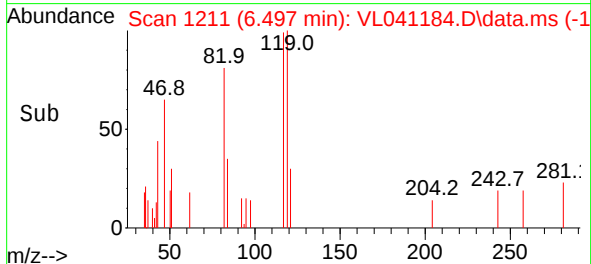
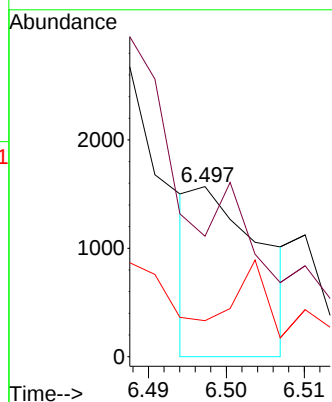
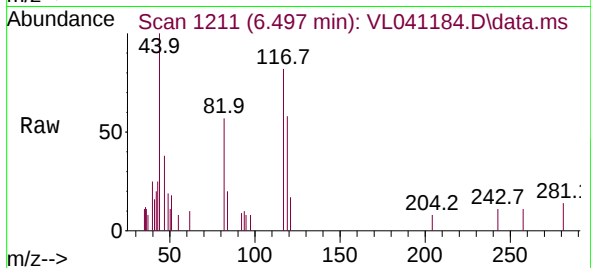
Tgt Ion:117 Resp: 946

Ion Ratio Lower Upper

117 100

119 76.8 74.3 111.5

121 28.5 23.8 35.8



#36

Benzene

Concen: 0.013 ppbv

RT: 6.369 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

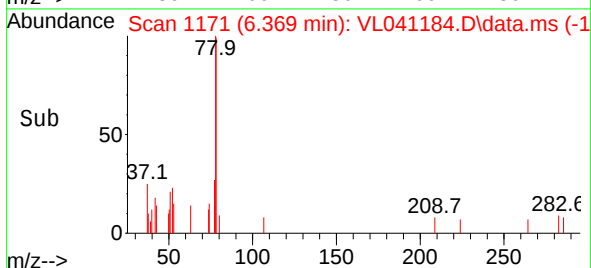
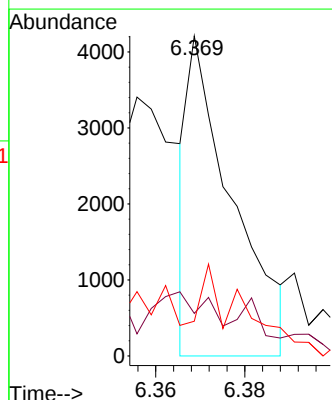
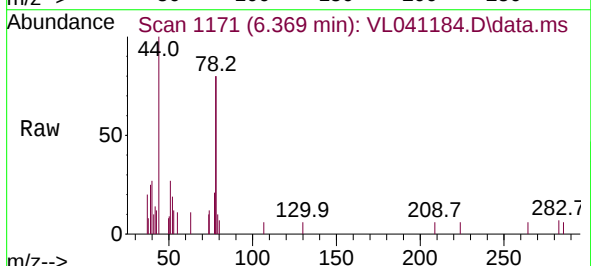
Tgt Ion: 78 Resp: 2897

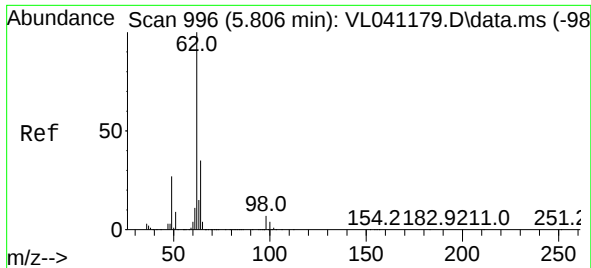
Ion Ratio Lower Upper

78 100

77 9.9 18.3 27.5#

50 2.5 15.9 23.9#

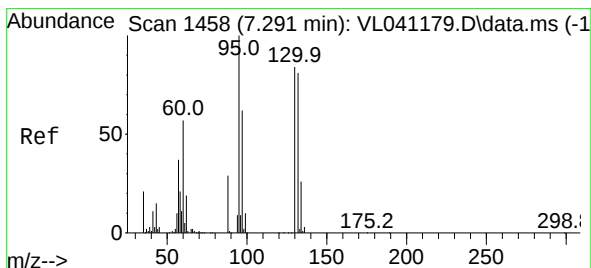
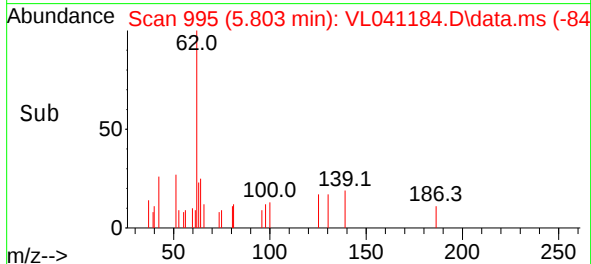
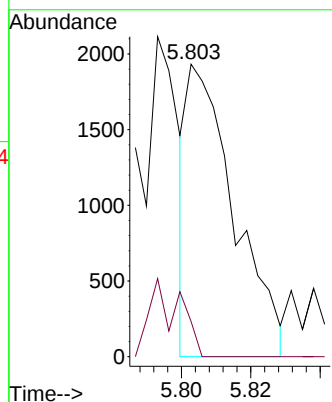
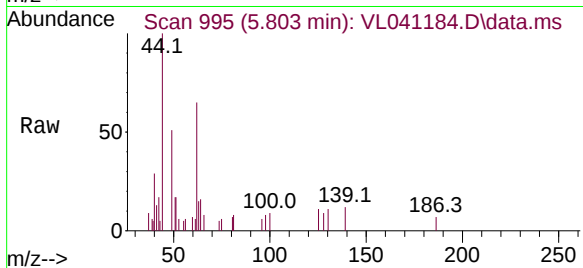




#37
1,2-Dichloroethane
Concen: 0.016 ppbv
RT: 5.803 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

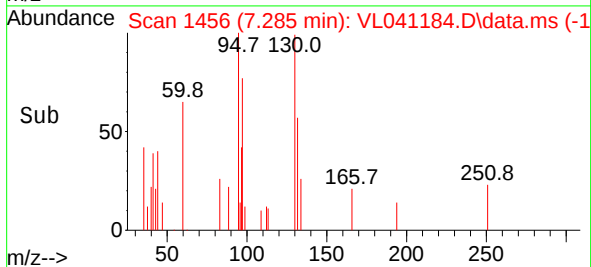
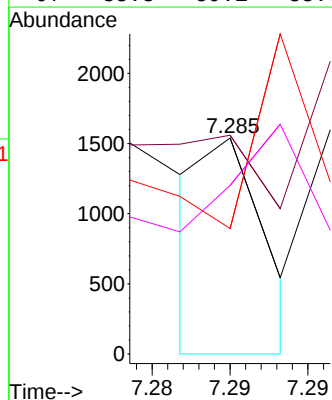
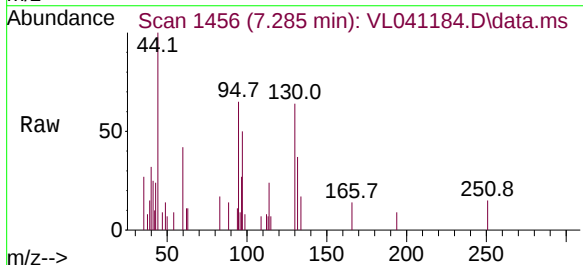
Instrument :
MSVOA_L
ClientSampleId :

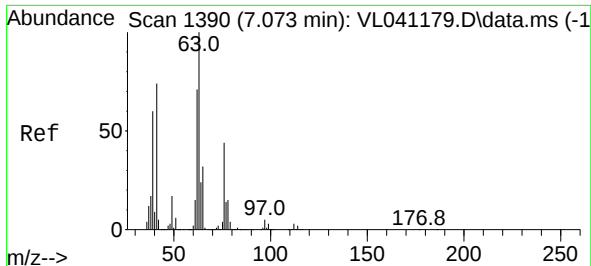
Tgt Ion: 62 Resp: 1828
Ion Ratio Lower Upper
62 100
98 0.0 5.0 7.4#



#38
Trichloroethene
Concen: 0.005 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

Tgt Ion:130 Resp: 402
Ion Ratio Lower Upper
130 100
95 74.6 95.0 142.6#
132 0.0 77.0 115.4#
97 33.3 59.1 88.7#





#39

1,2-Dichloropropane

Concen: 7.784 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

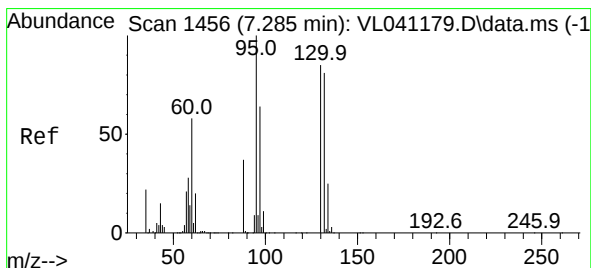
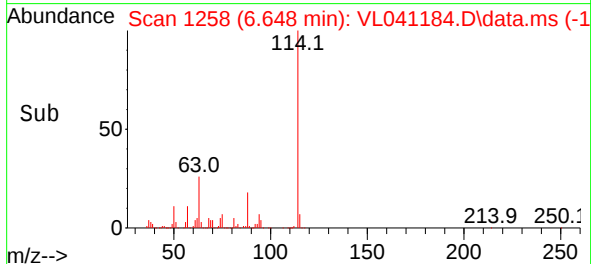
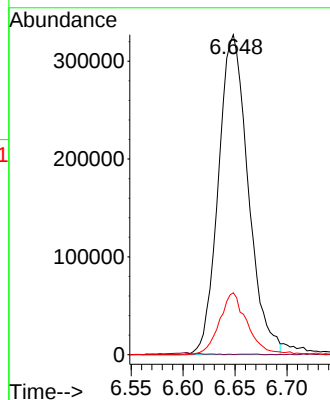
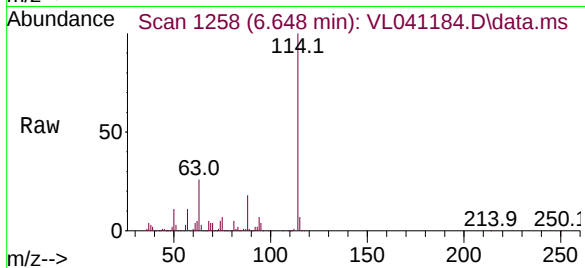
Tgt Ion: 63 Resp: 652759

Ion Ratio Lower Upper

63 100

41 0.0 59.4 89.0#

62 19.4 56.8 85.2#



#40

1,4-Dioxane

Concen: 0.002 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.000 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Tgt Ion: 88 Resp: 67

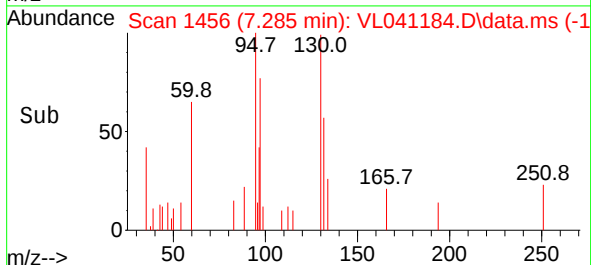
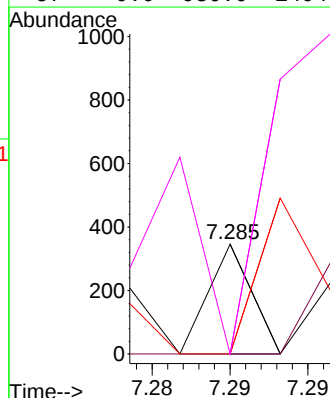
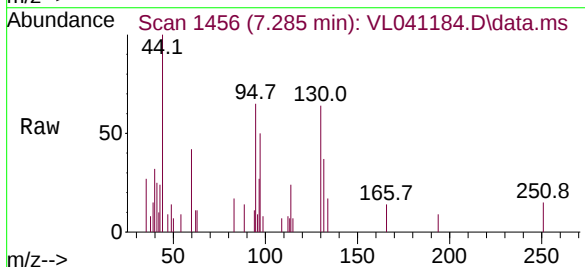
Ion Ratio Lower Upper

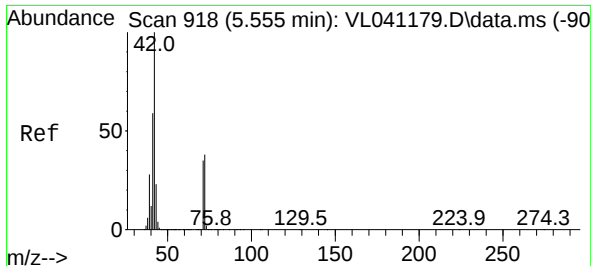
88 100

58 0.0 106.1 159.1#

43 0.0 219.8 329.6#

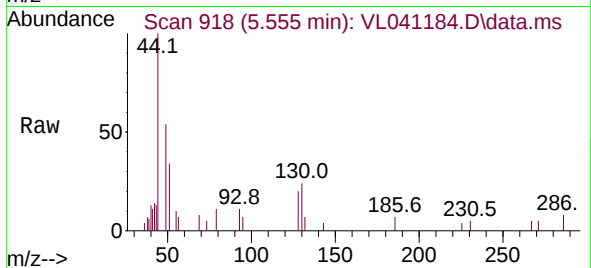
57 0.0 936.0 1404.0#



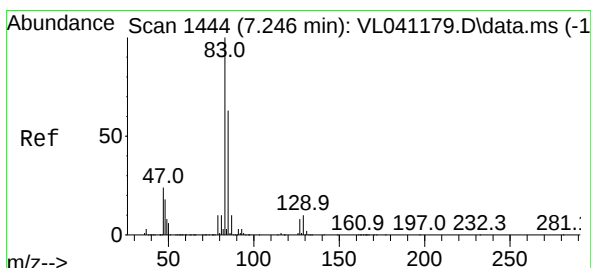
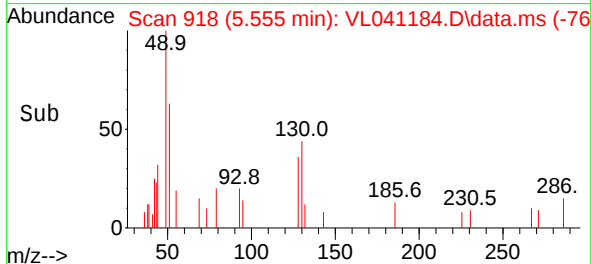
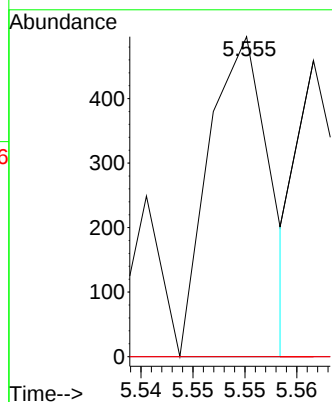


#41
Tetrahydrofuran
Concen: 0.002 ppbv
RT: 5.555 min Scan# 918
Delta R.T. -0.000 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

Instrument :
MSVOA_L
ClientSampleId :

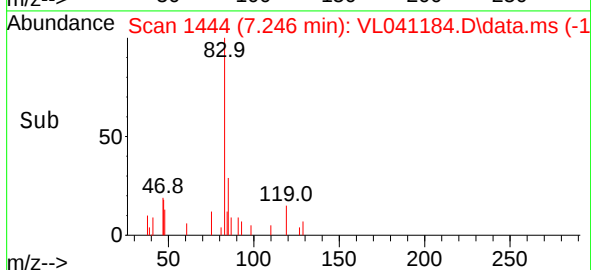
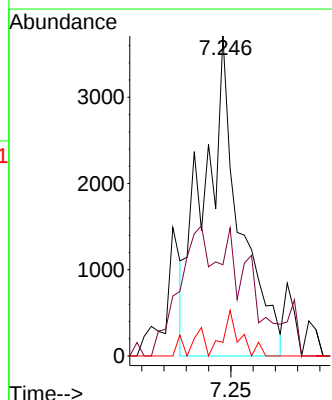
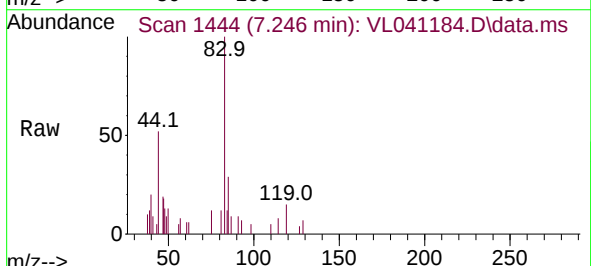


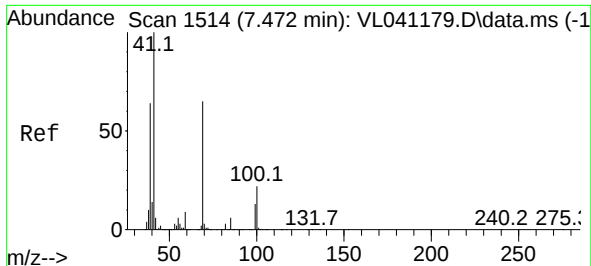
Tgt Ion: 42 Resp: 208
Ion Ratio Lower Upper
42 100
72 0.0 29.4 44.0#
71 0.0 29.1 43.7#



#42
Bromodichloromethane
Concen: 0.025 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

Tgt Ion: 83 Resp: 4127
Ion Ratio Lower Upper
83 100
85 19.9 50.6 75.8#
127 4.6 6.2 9.4#





#43

Methyl Methacrylate

Concen: 0.004 ppbv

RT: 7.471 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VL041184.D

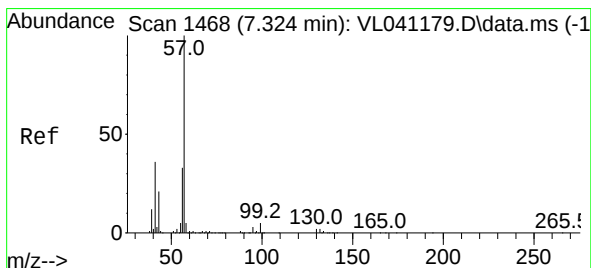
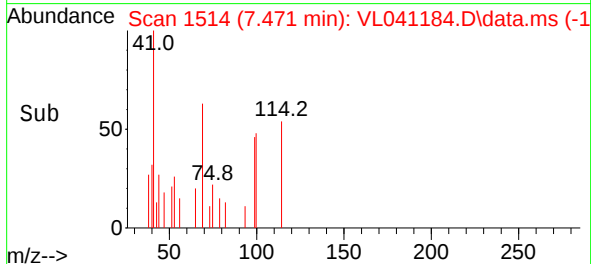
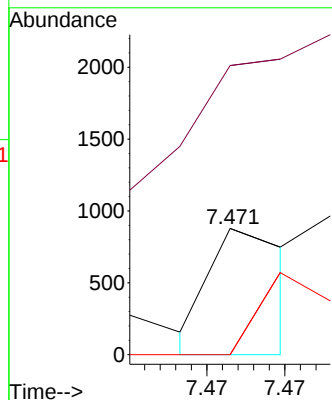
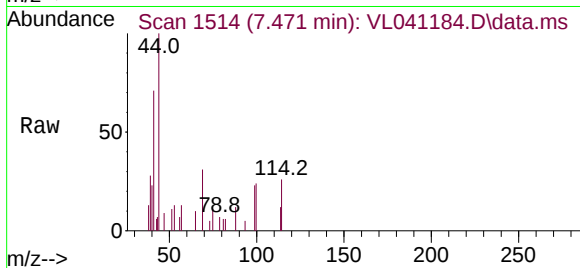
Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	69	Resp:	314
Ion Ratio	Lower	Upper	
69	100		
41	0.0	125.2	187.8#
100	0.0	26.7	40.1#



#44

2,2,4-Trimethylpentane

Concen: 0.010 ppbv

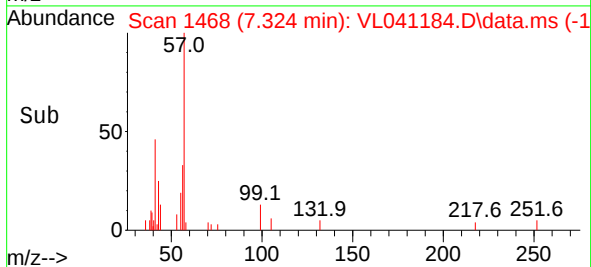
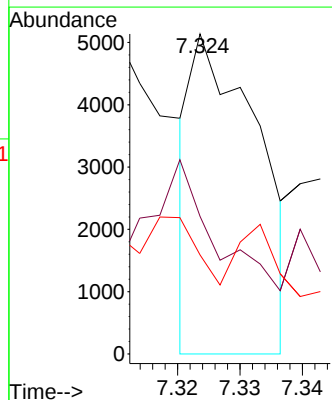
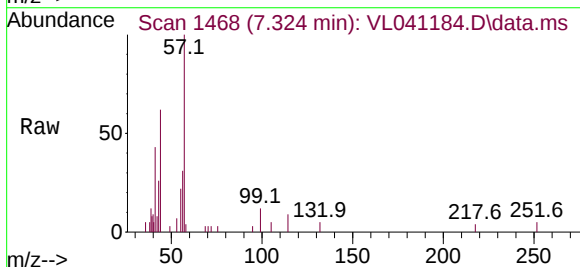
RT: 7.324 min Scan# 1468

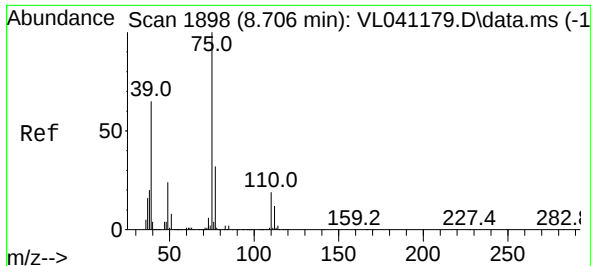
Delta R.T. -0.000 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Tgt Ion:	57	Resp:	3797
Ion Ratio	Lower	Upper	
57	100		
41	162.5	29.5	44.3#
56	138.1	25.3	37.9#





#45

t-1,3-Dichloropropene

Concen: 0.014 ppbv

RT: 8.713 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

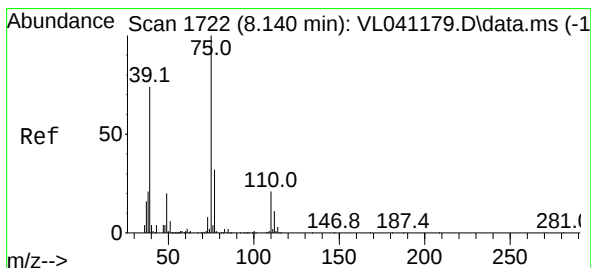
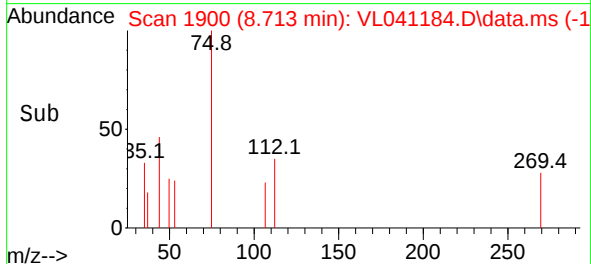
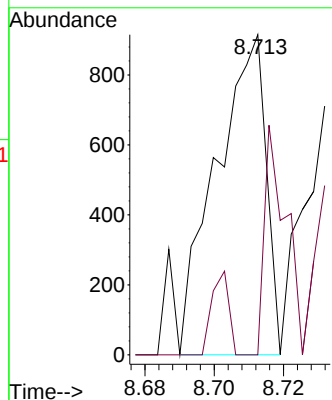
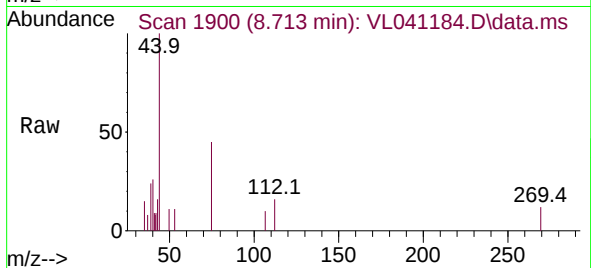
ClientSampleId :

Tgt Ion: 75 Resp: 914

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#



#46

cis-1,3-Dichloropropene

Concen: 0.006 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.006 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

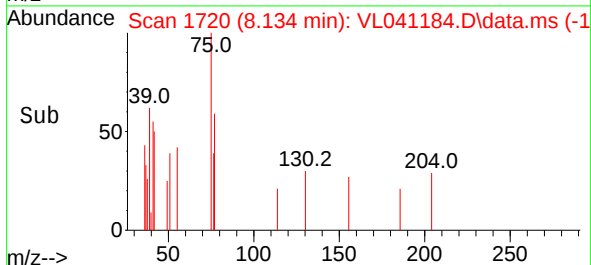
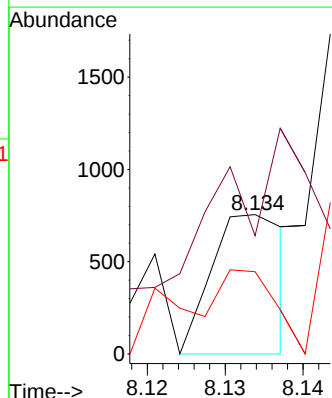
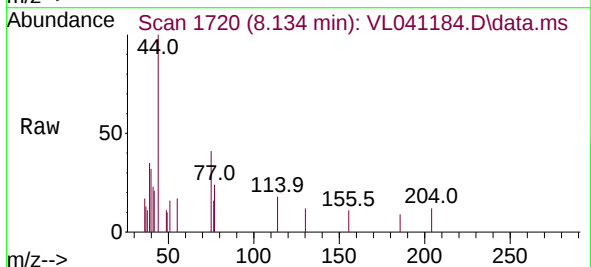
Tgt Ion: 75 Resp: 492

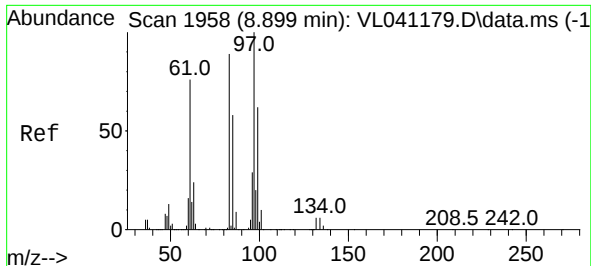
Ion Ratio Lower Upper

75 100

39 27.3 59.4 89.2#

77 27.3 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 0.027 ppbv

RT: 8.896 min Scan# 1957

Delta R.T. -0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 2242

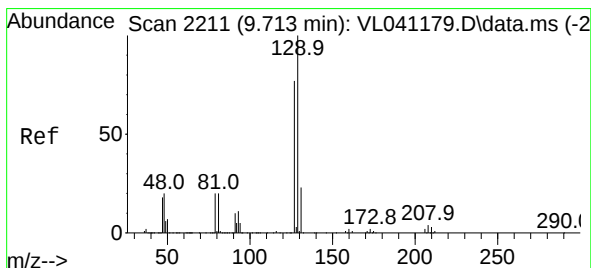
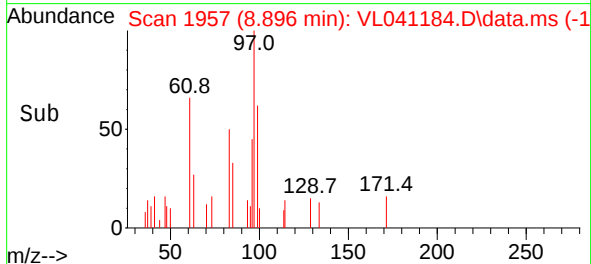
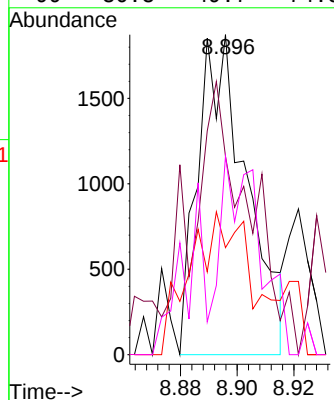
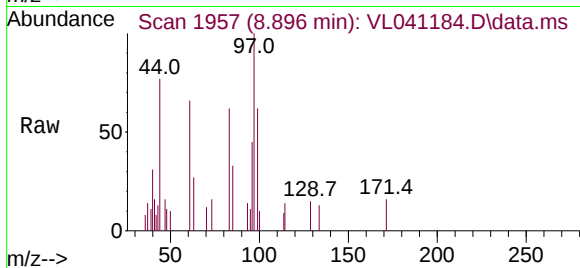
Ion Ratio Lower Upper

97 100

83 51.3 71.2 106.8#

85 16.8 46.0 69.0#

99 36.8 49.7 74.5#



#48

Dibromochloromethane

Concen: 0.013 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. -0.006 min

Lab File: VL041184.D

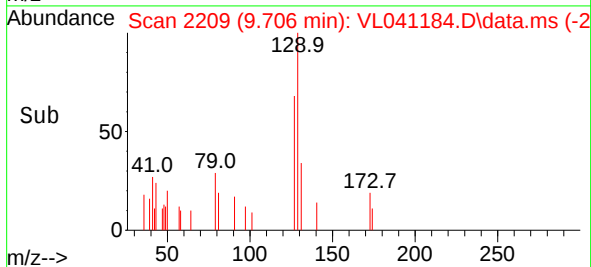
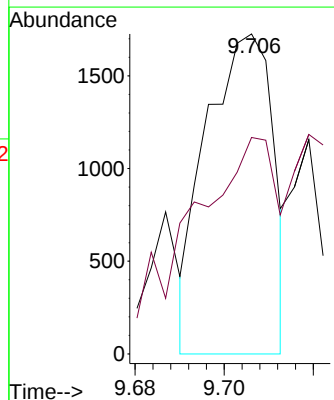
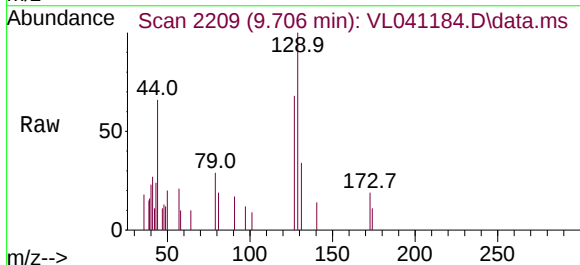
Acq: 29 Apr 2024 14:46

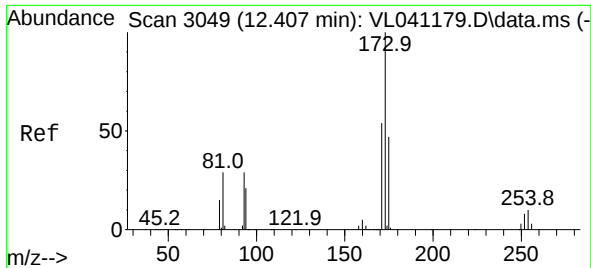
Tgt Ion: 129 Resp: 1807

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.5#





#49

Bromoform

Concen: 0.004 ppbv

RT: 12.404 min Scan# 3049

Delta R.T. -0.003 min

Lab File: VL041184.D

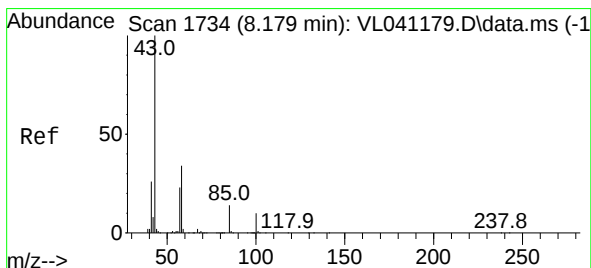
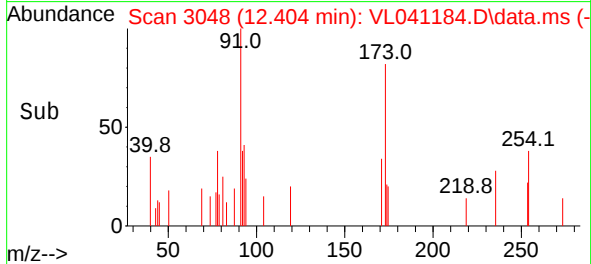
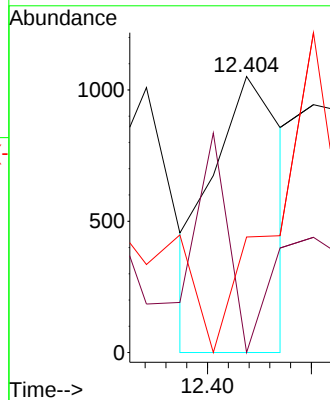
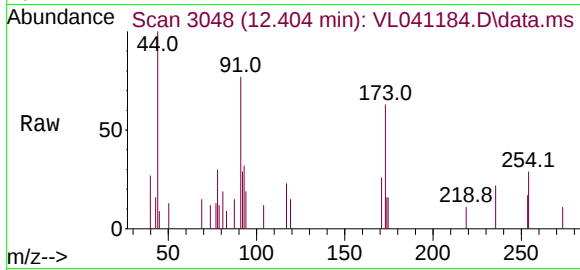
Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173	Resp:	498
Ion Ratio	Lower	Upper
173	100	
175	0.0	39.8 59.8#
171	0.0	41.8 62.8#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

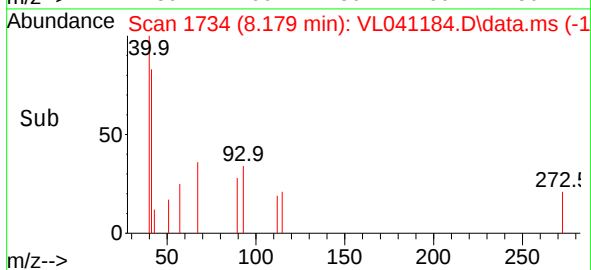
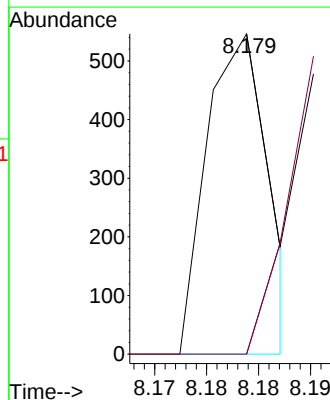
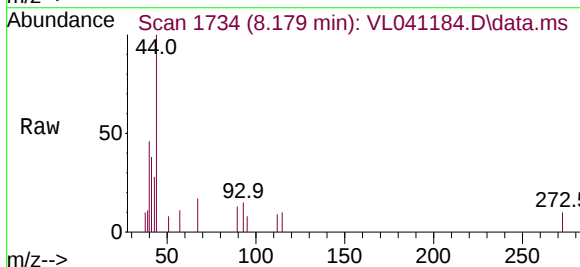
RT: 8.179 min Scan# 1734

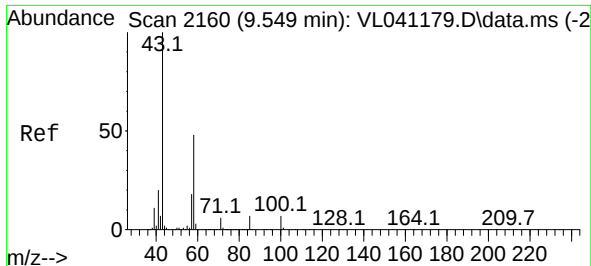
Delta R.T. -0.000 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Tgt Ion: 43	Resp:	228
Ion Ratio	Lower	Upper
43	100	
58	0.0	27.7 41.5#

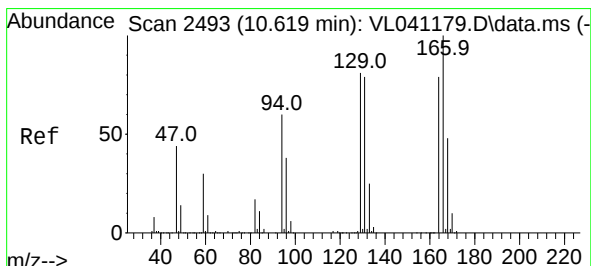
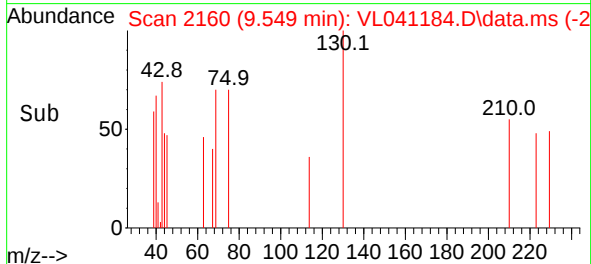
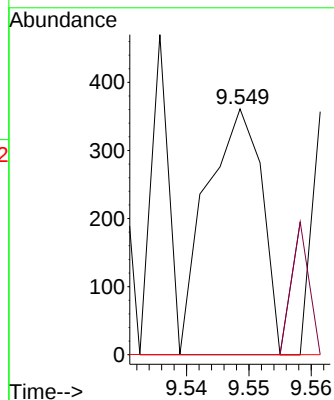
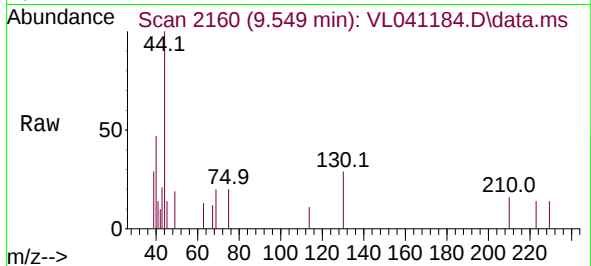




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. -0.000 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

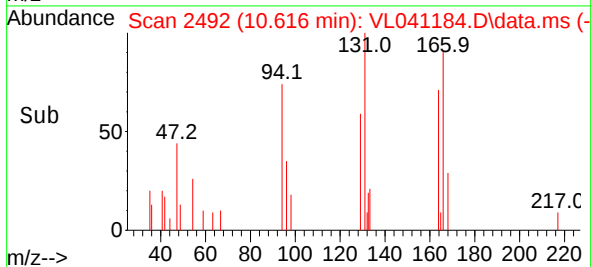
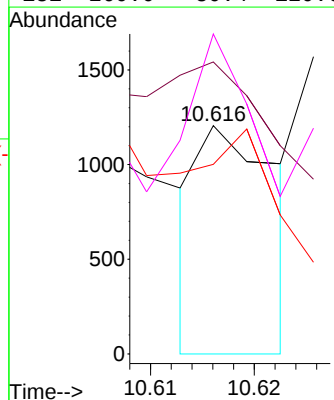
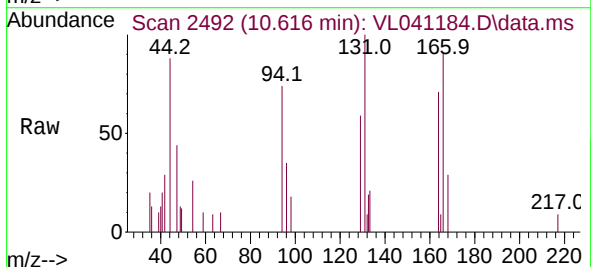
Instrument :
MSVOA_L
ClientSampleId :

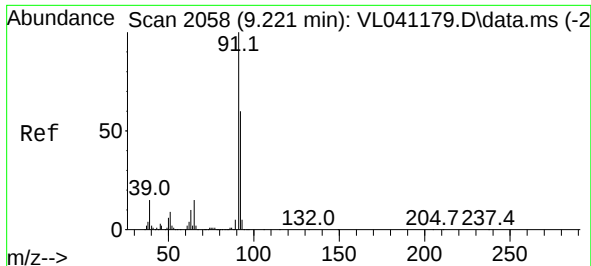
Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 0.0 0.0 0.0



#52
Tetrachloroethene
Concen: 0.008 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.003 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

Tgt Ion: 164 Resp: 623
Ion Ratio Lower Upper
164 100
166 133.9 101.1 151.7
129 80.9 81.7 122.5#
131 260.0 80.4 120.6#





#53

Toluene

Concen: 0.021 ppbv

RT: 9.217 min Scan# 2058

Delta R.T. -0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

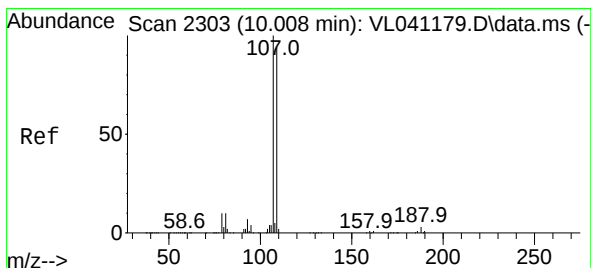
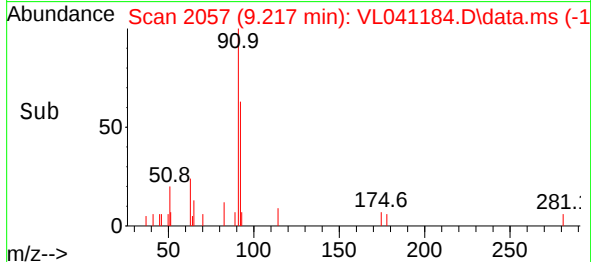
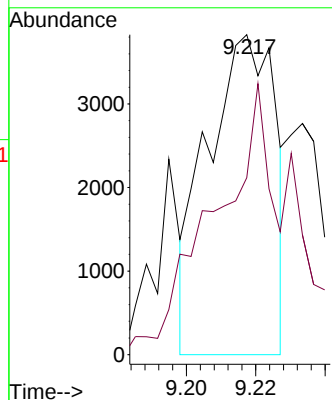
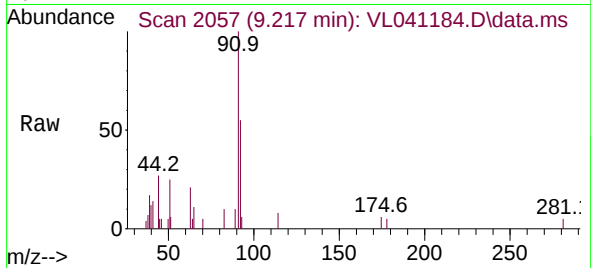
ClientSampleId :

Tgt Ion: 91 Resp: 5197

Ion Ratio Lower Upper

91 100

92 103.9 48.2 72.4#



#54

1,2-Dibromoethane

Concen: 0.014 ppbv

RT: 10.002 min Scan# 2301

Delta R.T. -0.006 min

Lab File: VL041184.D

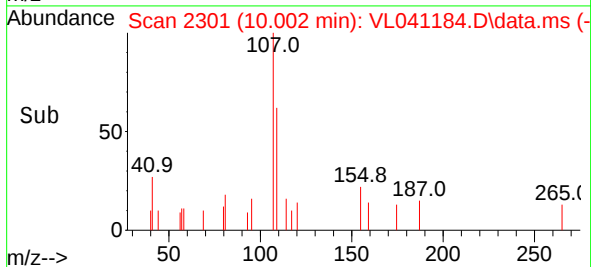
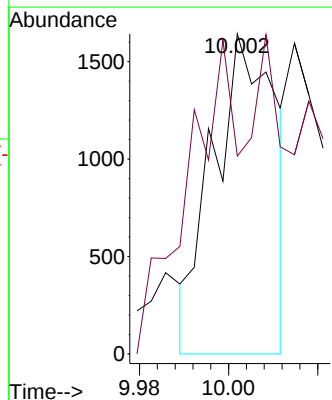
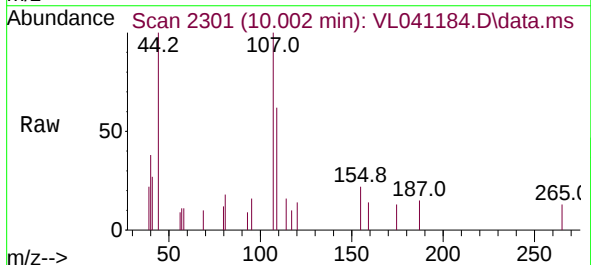
Acq: 29 Apr 2024 14:46

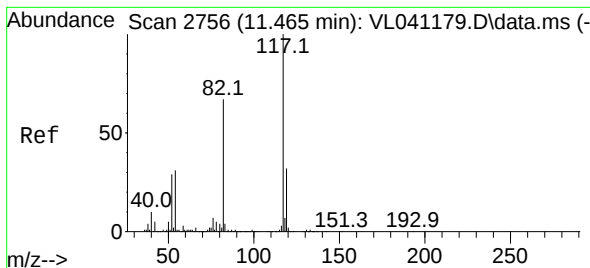
Tgt Ion: 107 Resp: 1586

Ion Ratio Lower Upper

107 100

109 36.2 75.2 112.8#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2756

Delta R.T. -0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

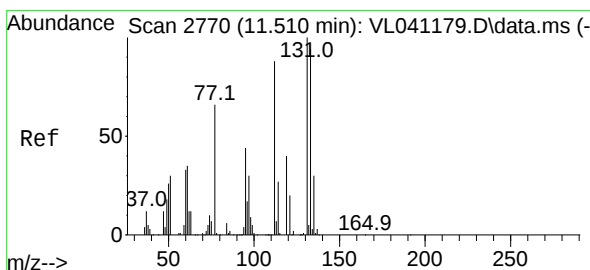
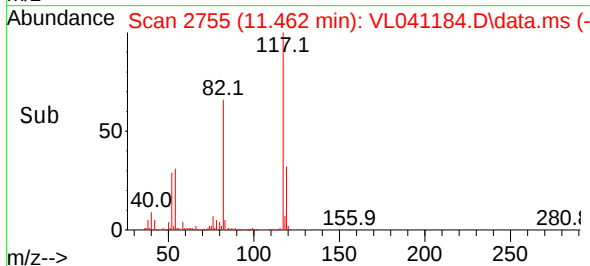
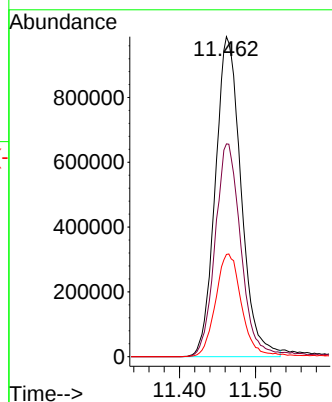
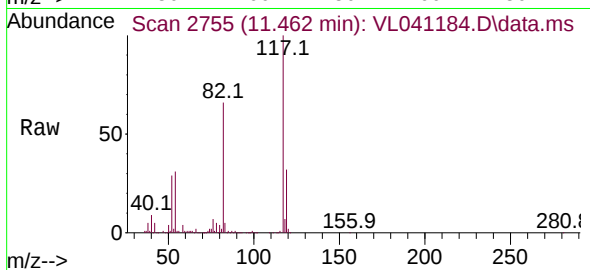
Tgt Ion:117 Resp: 2325780

Ion Ratio Lower Upper

117 100

82 68.2 53.6 80.4

119 33.3 27.2 40.8



#56

1,1,1,2-Tetrachloroethane

Concen: 0.008 ppbv

RT: 11.503 min Scan# 2768

Delta R.T. -0.006 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

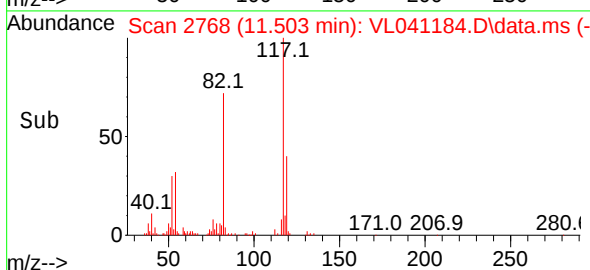
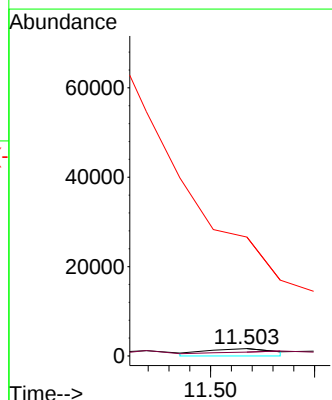
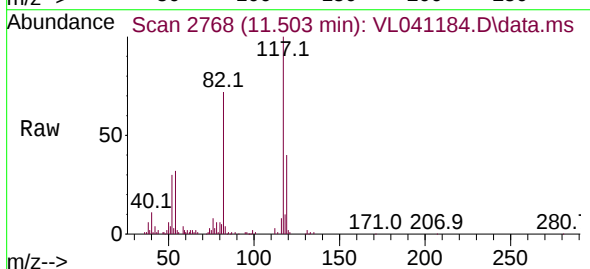
Tgt Ion:131 Resp: 743

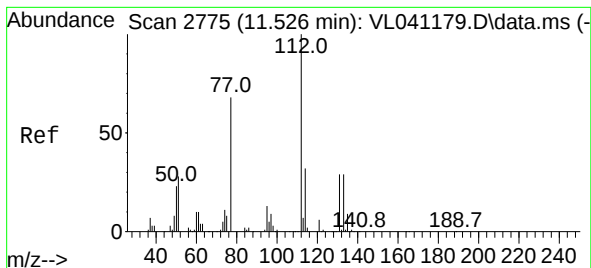
Ion Ratio Lower Upper

131 100

133 0.0 76.3 114.5#

119 0.0 49.4 74.2#





#57

Chlorobenzene

Concen: 0.011 ppbv

RT: 11.523 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

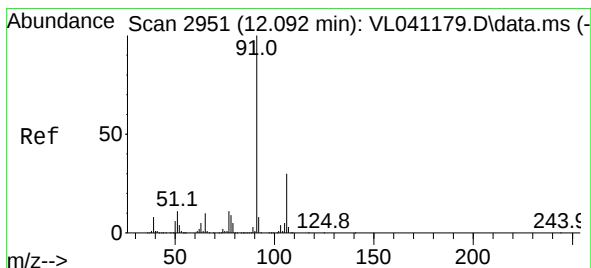
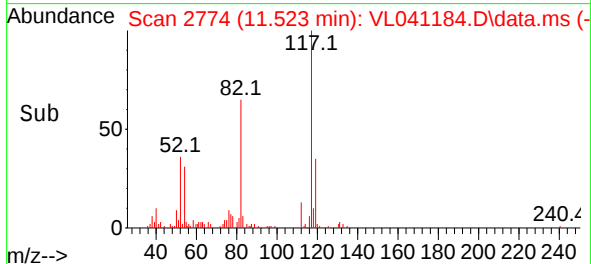
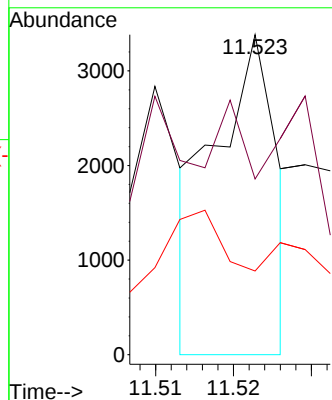
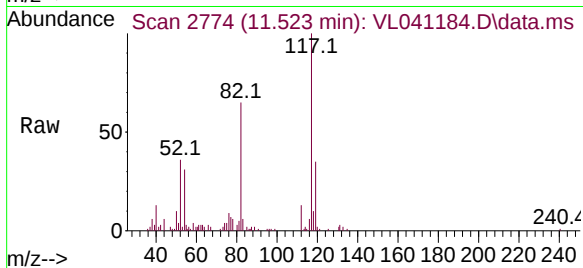
Tgt Ion:112 Resp: 1884

Ion Ratio Lower Upper

112 100

77 0.0 54.9 82.3#

114 0.0 28.7 35.1#



#58

Ethyl Benzene

Concen: 0.004 ppbv

RT: 12.063 min Scan# 2942

Delta R.T. -0.029 min

Lab File: VL041184.D

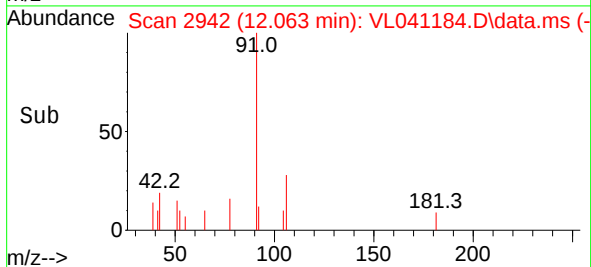
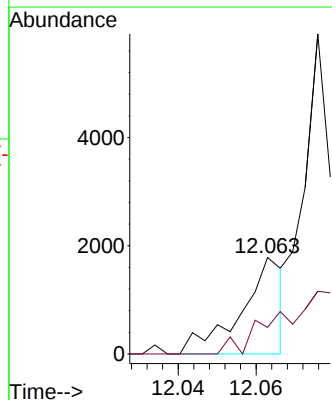
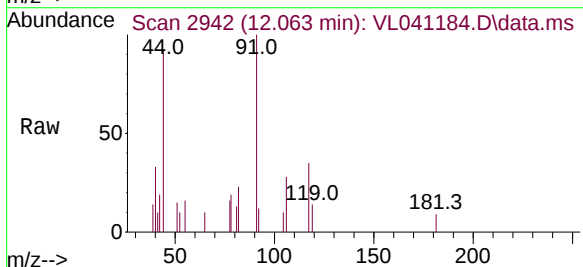
Acq: 29 Apr 2024 14:46

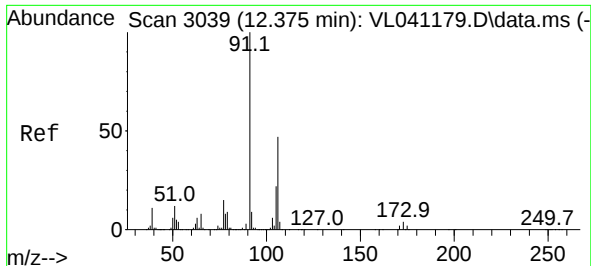
Tgt Ion: 91 Resp: 1329

Ion Ratio Lower Upper

91 100

106 27.6 24.3 36.5





#59

m/p-Xylene

Concen: 0.006 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. 0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

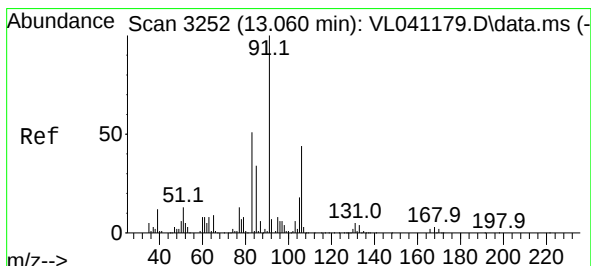
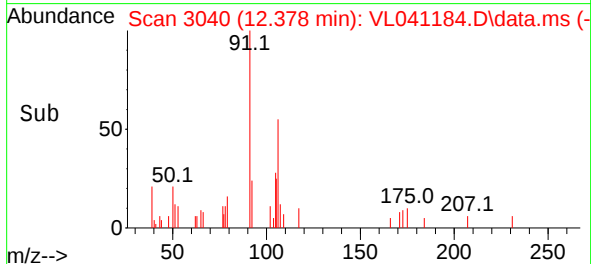
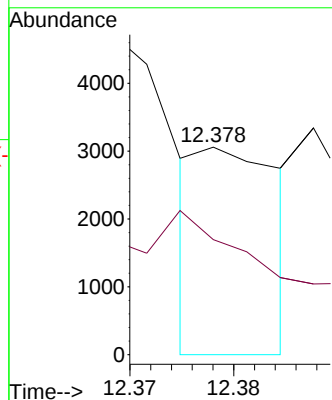
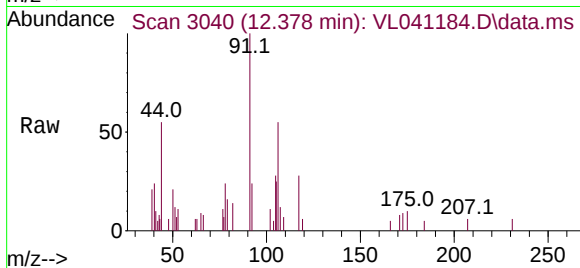
ClientSampleId :

Tgt Ion: 91 Resp: 1670

Ion Ratio Lower Upper

91 100

106 0.0 35.7 53.5#



#60

o-Xylene

Concen: 0.011 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. -0.003 min

Lab File: VL041184.D

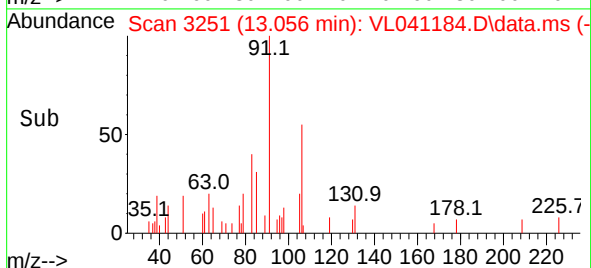
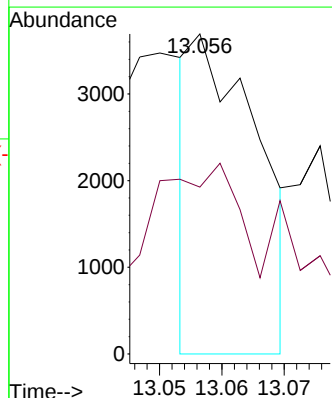
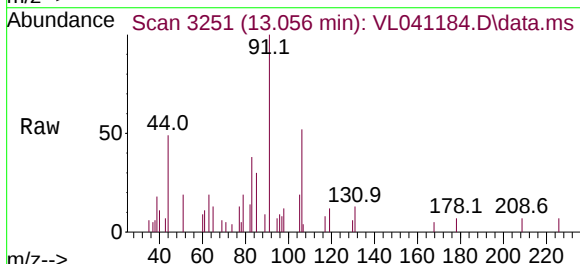
Acq: 29 Apr 2024 14:46

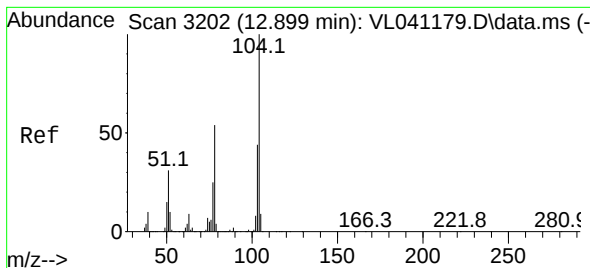
Tgt Ion: 91 Resp: 2735

Ion Ratio Lower Upper

91 100

106 156.1 22.4 67.3#





#61

Styrene

Concen: 0.011 ppbv

RT: 12.899 min Scan# 31

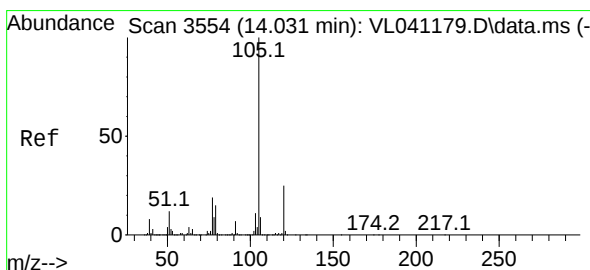
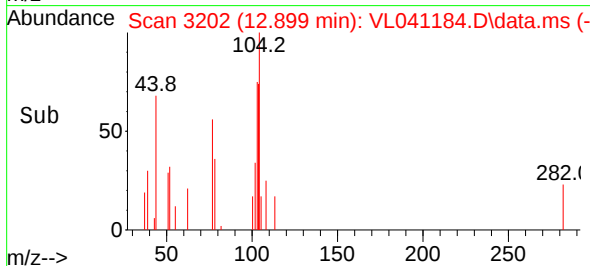
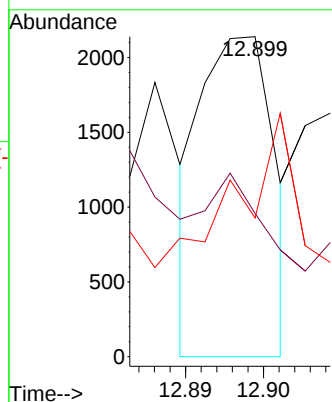
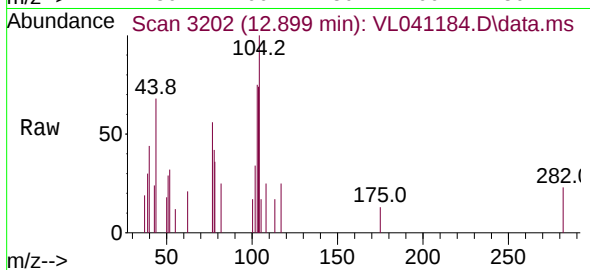
Delta R.T. -0.000 min MSVOA_L

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :
ClientSampleId :

Tgt Ion:104 Resp: 1401
Ion Ratio Lower Upper
104 100
78 0.0 42.6 63.8#
103 181.1 38.4 57.6#



#62

Isopropylbenzene

Concen: 0.009 ppbv

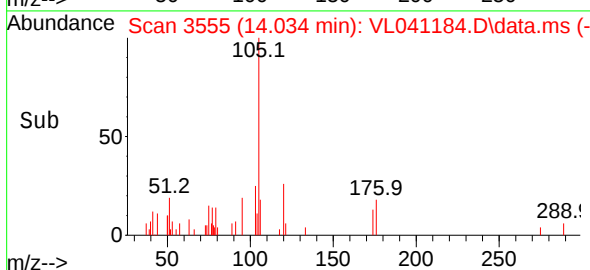
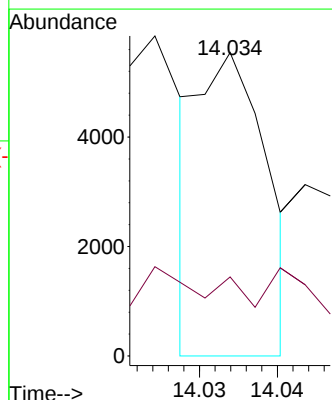
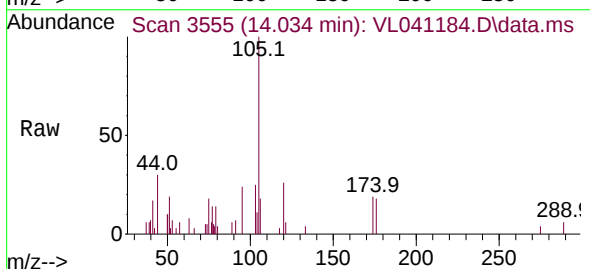
RT: 14.034 min Scan# 3555

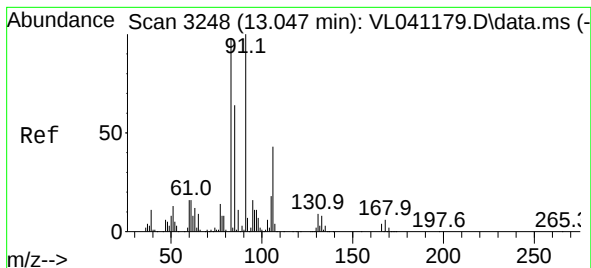
Delta R.T. 0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Tgt Ion:105 Resp: 3355
Ion Ratio Lower Upper
105 100
120 0.0 20.2 30.2#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.008 ppbv

RT: 13.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041184.D

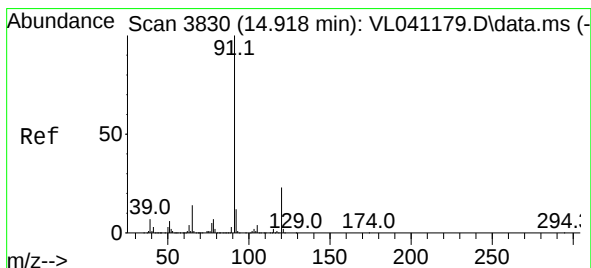
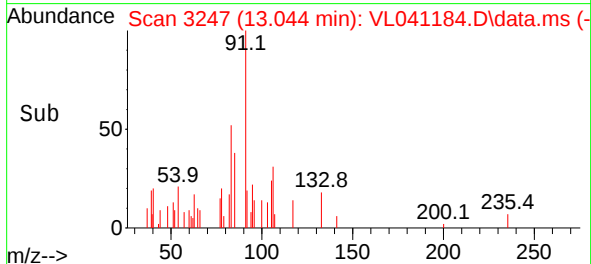
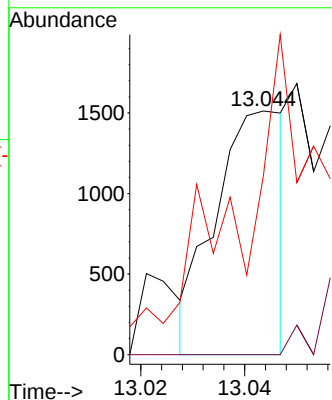
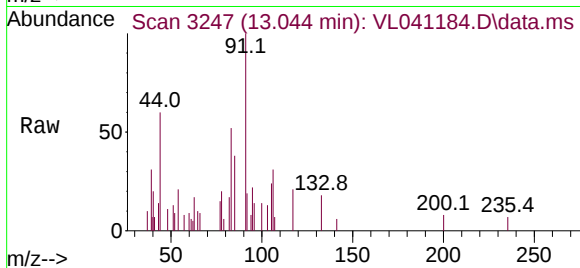
Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	83	Resp:	1382
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.5#
85	0.0	32.7	98.1#



#64

n-propylbenzene

Concen: 0.010 ppbv

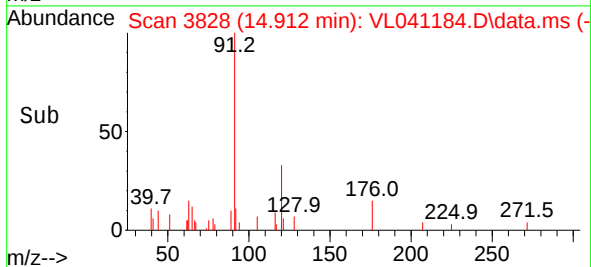
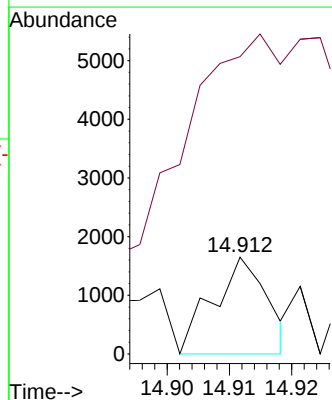
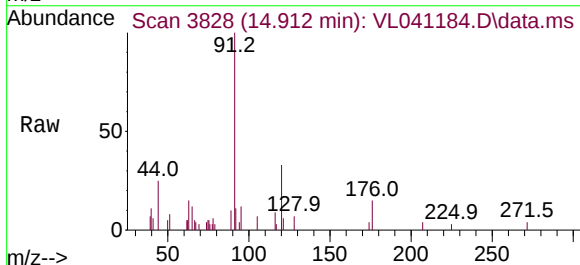
RT: 14.912 min Scan# 3828

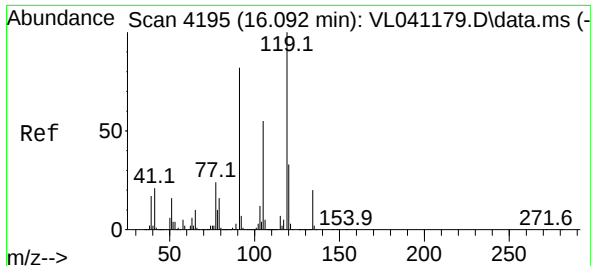
Delta R.T. -0.006 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Tgt Ion:	120	Resp:	997
Ion	Ratio	Lower	Upper
120	100		
91	0.0	384.8	577.2#





#65

tert-Butylbenzene

Concen: 0.012 ppbv

RT: 16.095 min Scan# 4195

Delta R.T. 0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

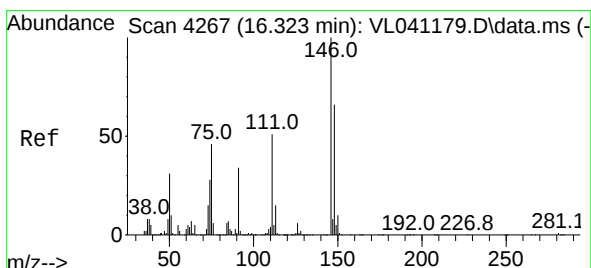
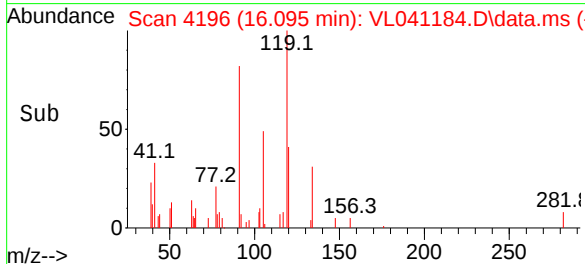
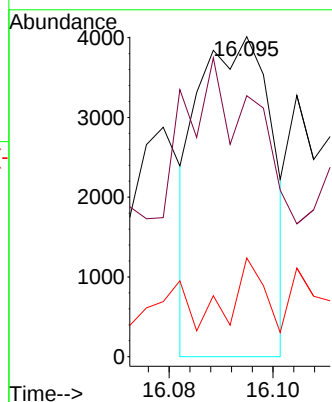
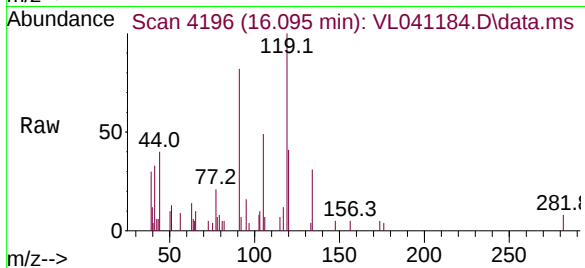
Tgt Ion:119 Resp: 3961

Ion Ratio Lower Upper

119 100

91 250.3 67.0 100.4#

134 54.4 15.2 22.8#



#66

Benzyl Chloride

Concen: 0.014 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. 0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

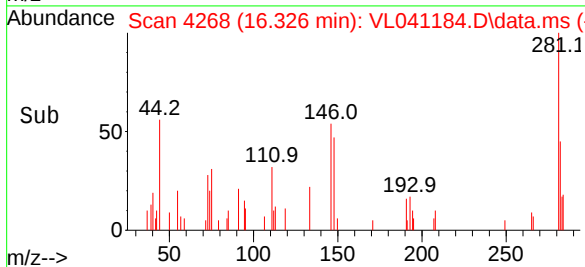
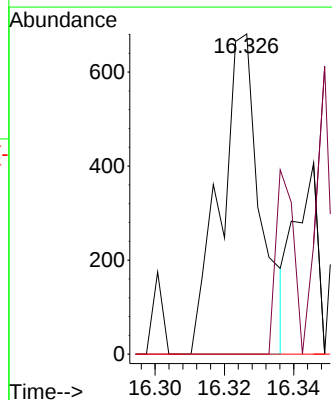
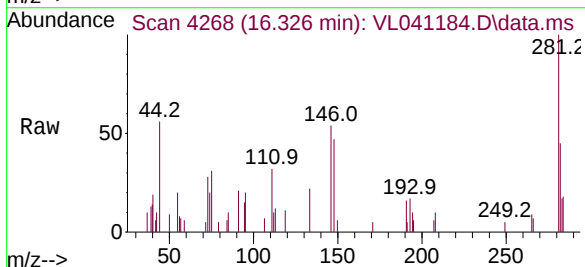
Tgt Ion: 91 Resp: 543

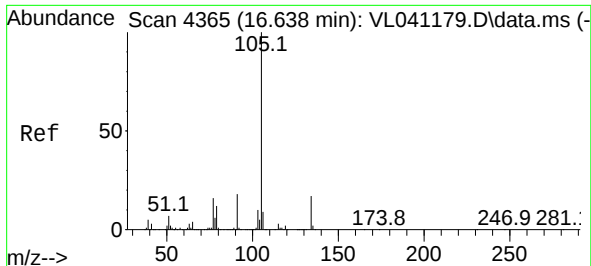
Ion Ratio Lower Upper

91 100

126 0.0 14.6 21.8#

128 0.0 4.7 7.1#





#67

sec-Butylbenzene

Concen: 0.013 ppbv

RT: 16.635 min Scan# 4365

Delta R.T. -0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

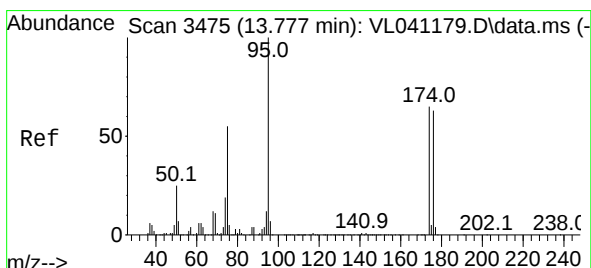
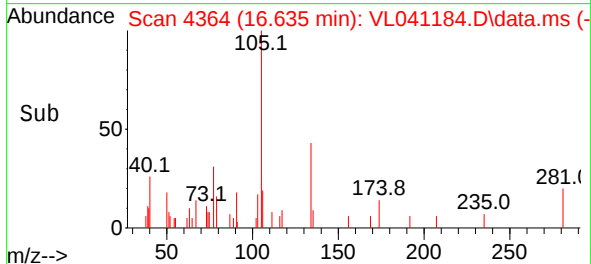
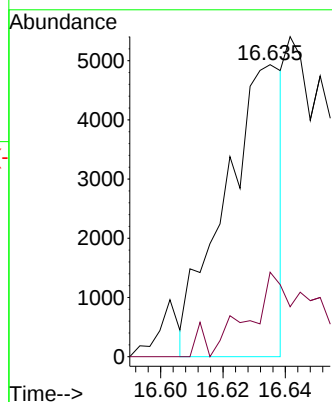
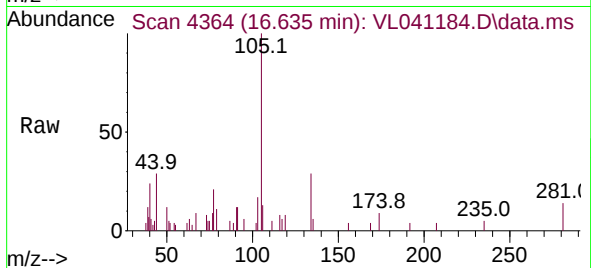
ClientSampleId :

Tgt Ion:105 Resp: 6258

Ion Ratio Lower Upper

105 100

134 40.2 13.8 20.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.153 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. -0.000 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

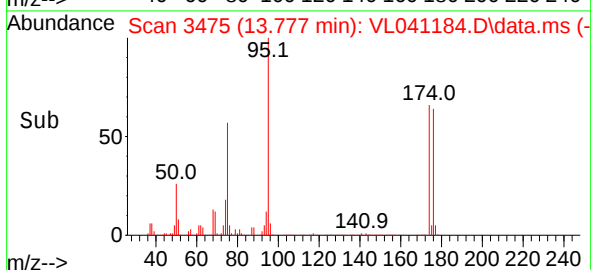
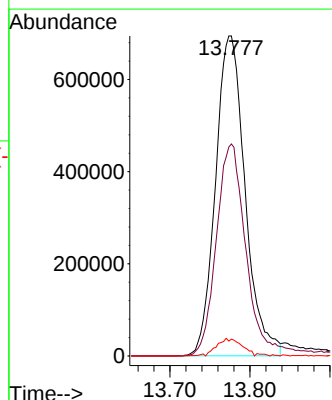
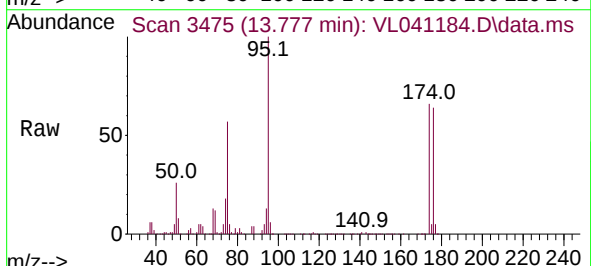
Tgt Ion: 95 Resp: 1783384

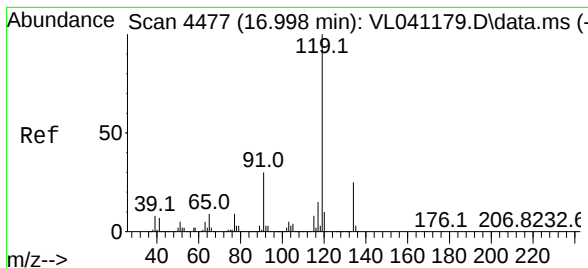
Ion Ratio Lower Upper

95 100

174 67.0 53.6 80.4

175 5.0 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.009 ppbv

RT: 16.992 min Scan# 4475

Delta R.T. -0.006 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

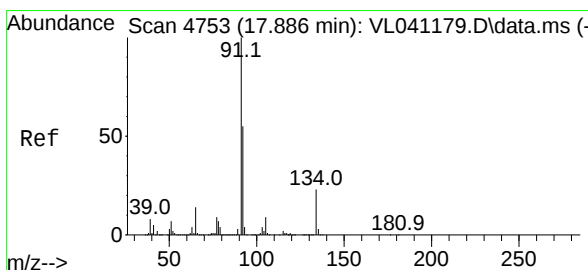
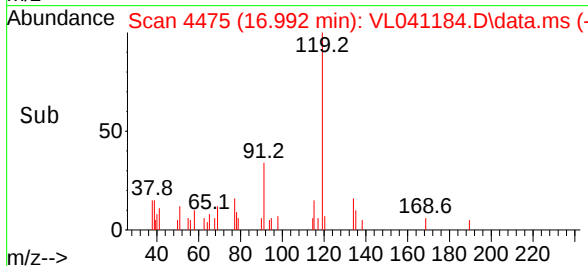
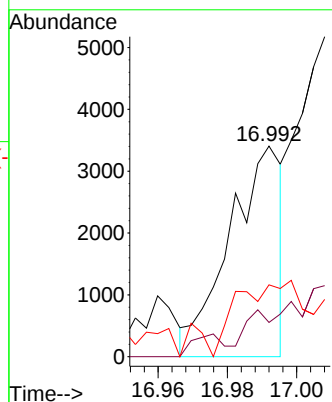
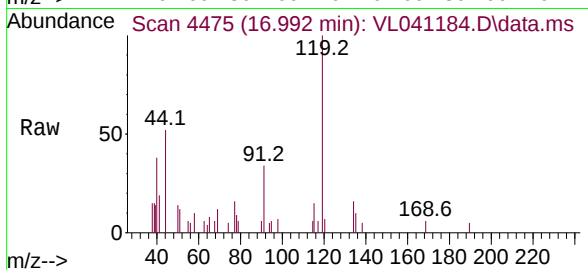
Tgt Ion:119 Resp: 3556

Ion Ratio Lower Upper

119 100

134 0.0 20.1 30.1#

91 0.0 24.2 36.2#



#70

n-Butylbenzene

Concen: 0.014 ppbv

RT: 17.892 min Scan# 4755

Delta R.T. 0.006 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

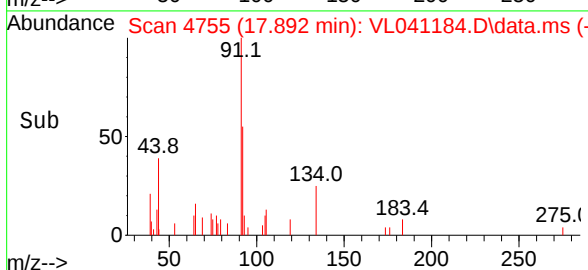
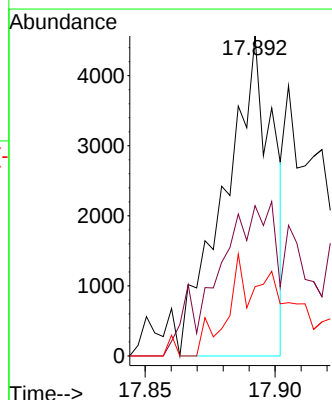
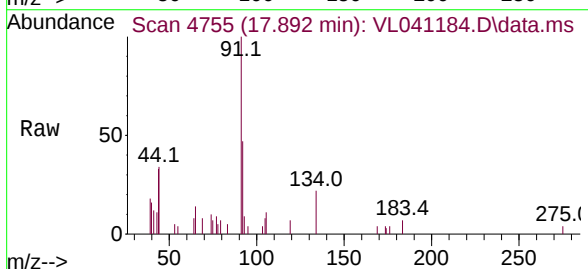
Tgt Ion: 91 Resp: 5869

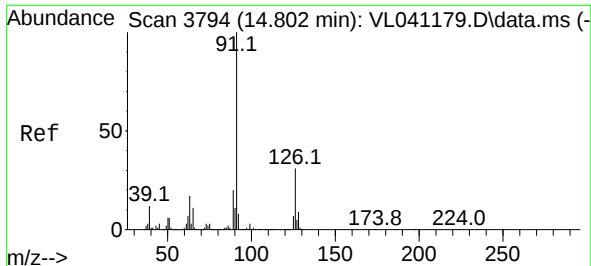
Ion Ratio Lower Upper

91 100

92 0.0 43.3 64.9#

134 49.8 17.8 26.8#

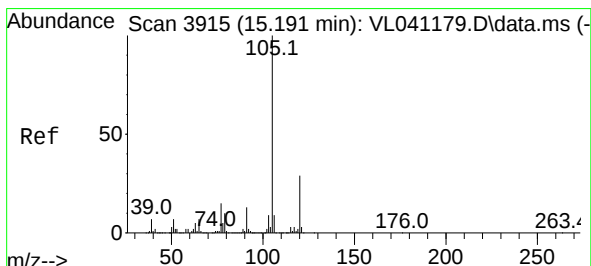
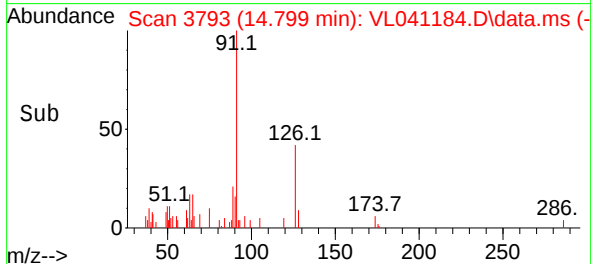
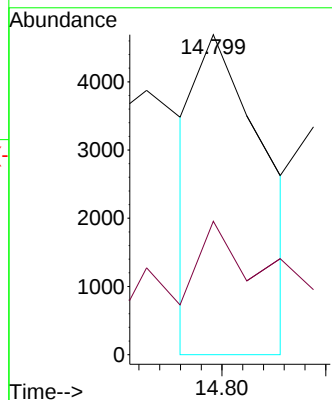
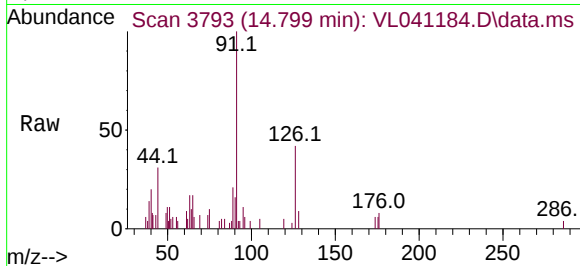




#71
2-Chlorotoluene
Concen: 0.007 ppbv
RT: 14.799 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

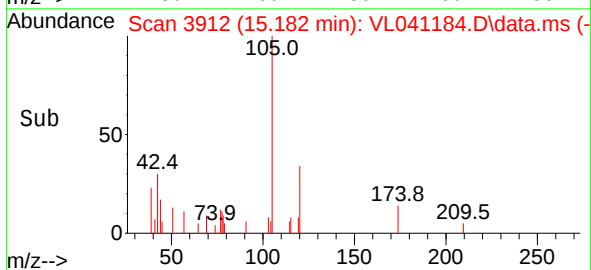
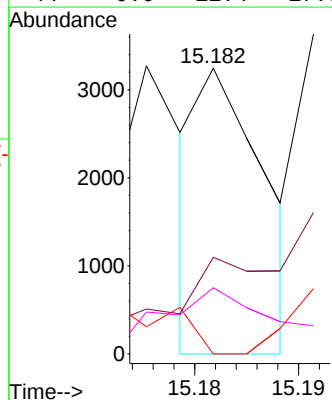
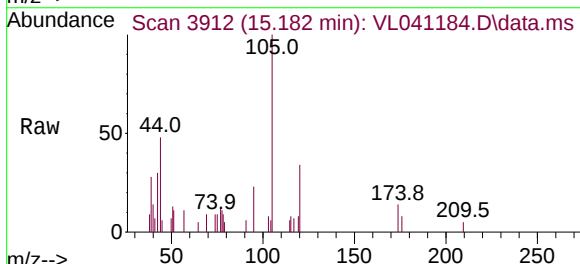
Instrument :
MSVOA_L
ClientSampleId :

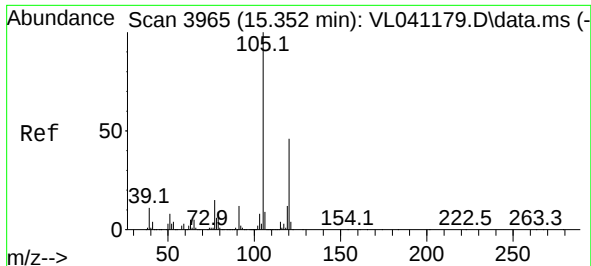
Tgt Ion: 91 Resp: 2088
Ion Ratio Lower Upper
91 100
126 159.9 12.2 48.8#



#72
4-Ethyltoluene
Concen: 0.005 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.010 min
Lab File: VL041184.D
Acq: 29 Apr 2024 14:46

Tgt Ion:105 Resp: 1430
Ion Ratio Lower Upper
105 100
120 0.0 24.7 37.1#
91 0.0 10.3 15.5#
77 0.0 11.4 17.0#





#73

1,3,5-Trimethylbenzene

Concen: 0.003 ppbv

RT: 15.346 min Scan# 3965

Delta R.T. -0.006 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

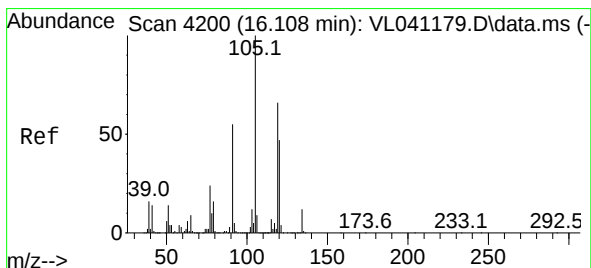
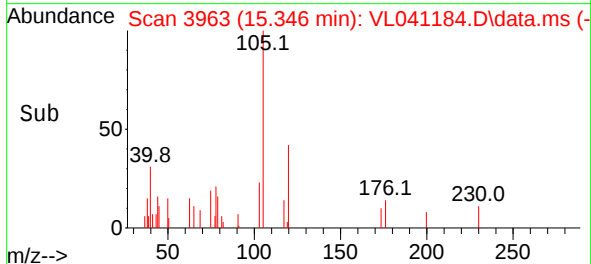
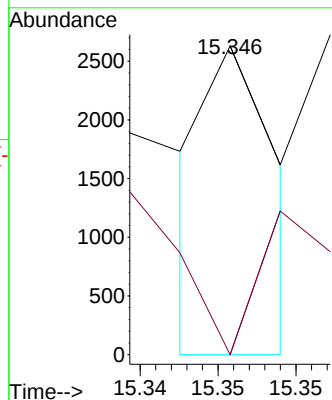
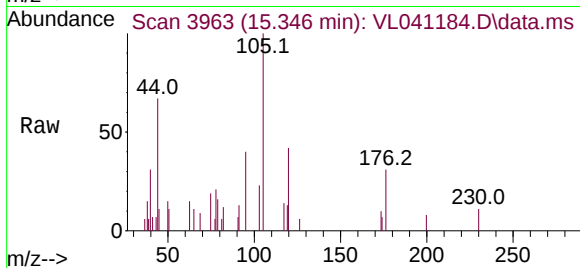
ClientSampleId :

Tgt Ion:105 Resp: 819

Ion Ratio Lower Upper

105 100

120 0.0 37.0 55.4#



#74

1,2,4-Trimethylbenzene

Concen: 0.012 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. -0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Tgt Ion:105 Resp: 3375

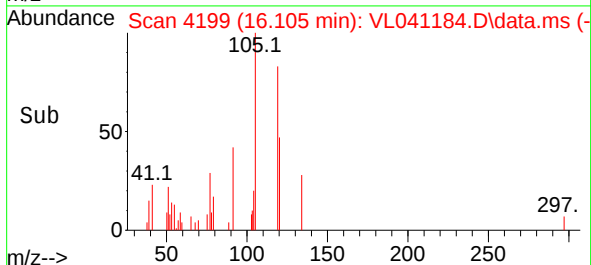
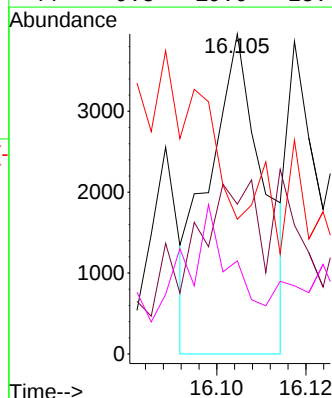
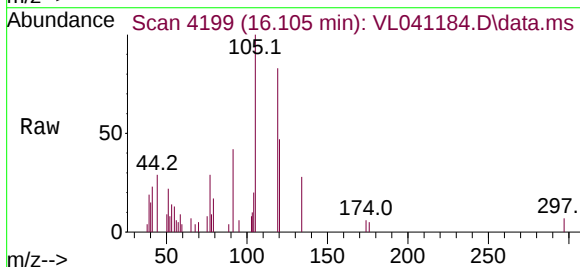
Ion Ratio Lower Upper

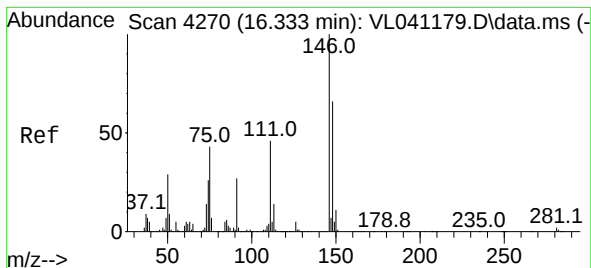
105 100

120 42.0 37.8 56.6

91 16.4 44.3 66.5#

77 9.8 19.0 28.4#





#75

1,3-Dichlorobenzene

Concen: 0.008 ppbv

RT: 16.320 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

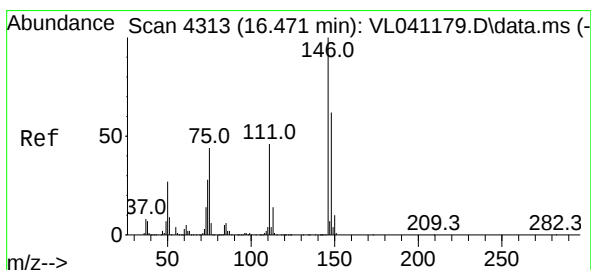
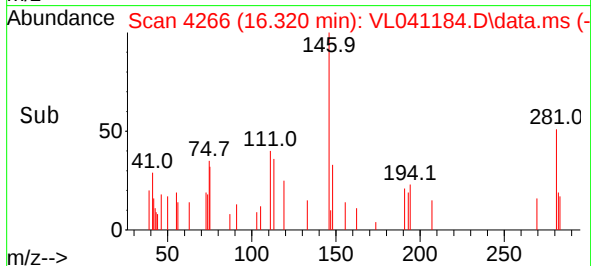
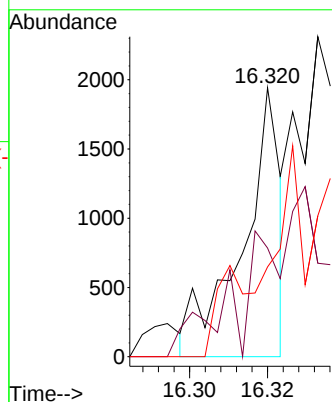
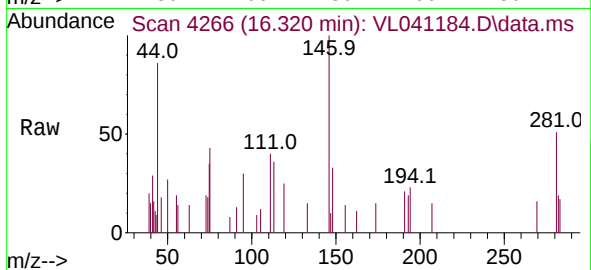
Tgt Ion:146 Resp: 1310

Ion Ratio Lower Upper

146 100

111 113.1 23.7 71.1#

148 312.3 32.5 97.4#



#76

1,4-Dichlorobenzene

Concen: 0.008 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. -0.000 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

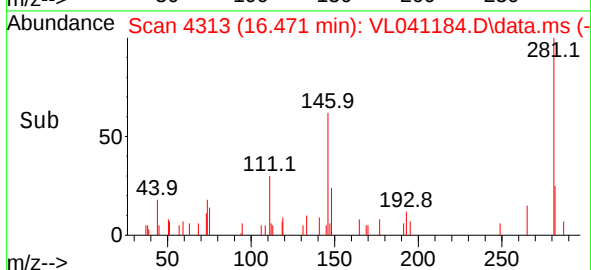
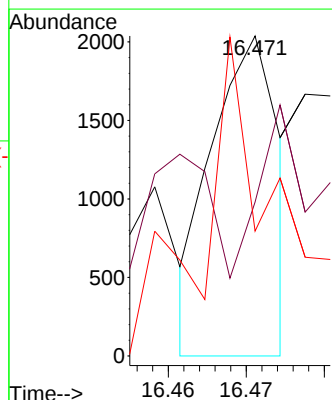
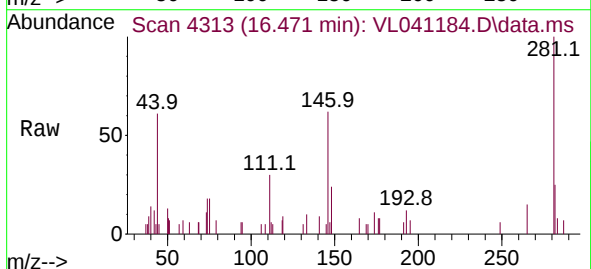
Tgt Ion:146 Resp: 1223

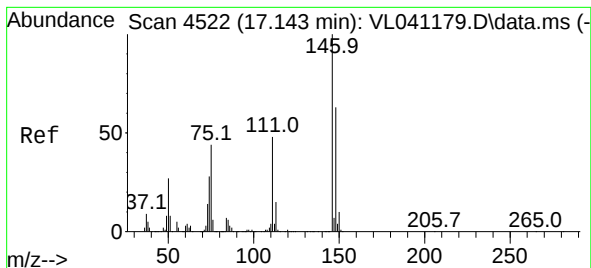
Ion Ratio Lower Upper

146 100

111 0.0 23.3 69.8#

148 169.2 32.6 97.7#





#77

1,2-Dichlorobenzene

Concen: 0.008 ppbv

RT: 17.140 min Scan# 4522

Delta R.T. -0.003 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

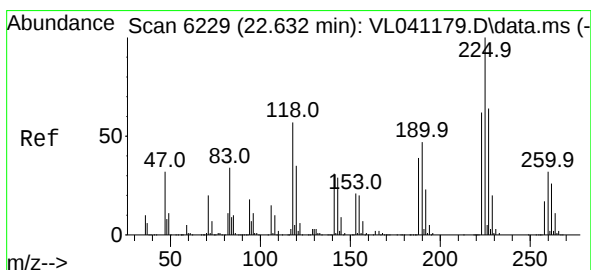
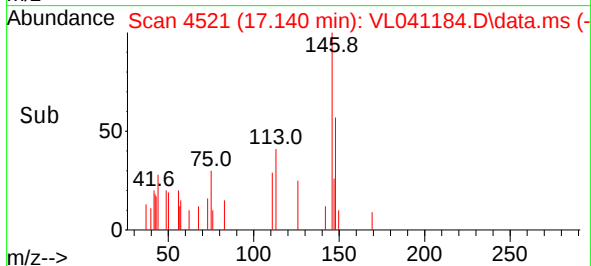
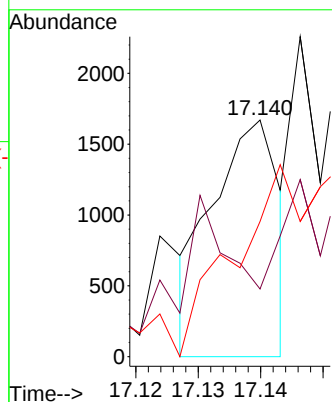
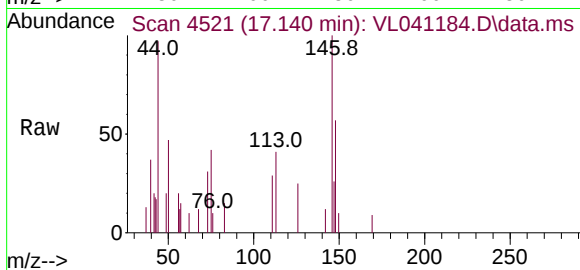
Tgt Ion:146 Resp: 1249

Ion Ratio Lower Upper

146 100

111 0.0 24.5 73.5#

148 0.0 32.6 98.0#



#78

Hexachloro-1,3-Butadiene

Concen: 0.010 ppbv

RT: 22.622 min Scan# 6226

Delta R.T. -0.010 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

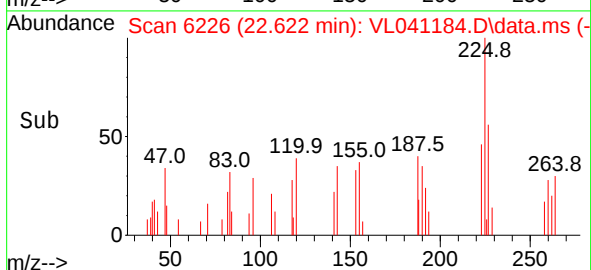
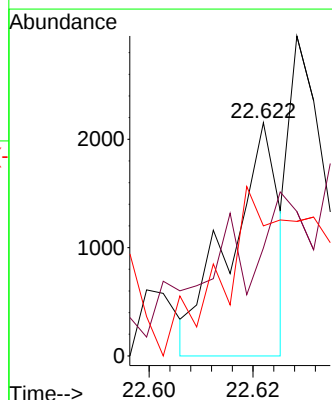
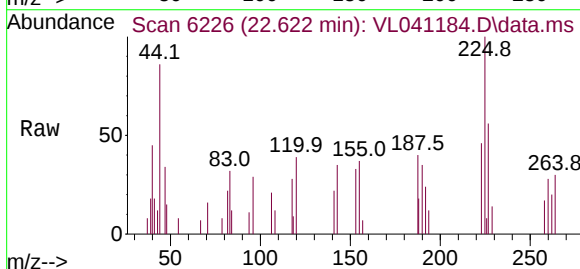
Tgt Ion:225 Resp: 1407

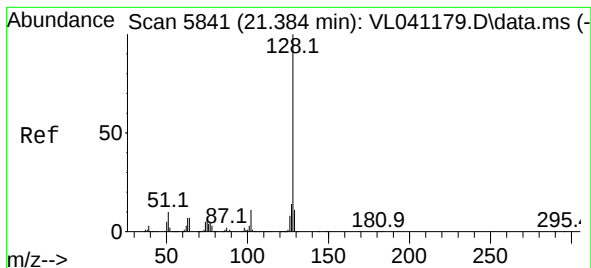
Ion Ratio Lower Upper

225 100

223 0.0 50.9 76.3#

227 0.0 52.0 78.0#





#79

Naphthalene

Concen: 0.001 ppbv

RT: 21.368 min Scan# 51

Delta R.T. -0.016 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

Instrument :

MSVOA_L

ClientSampleId :

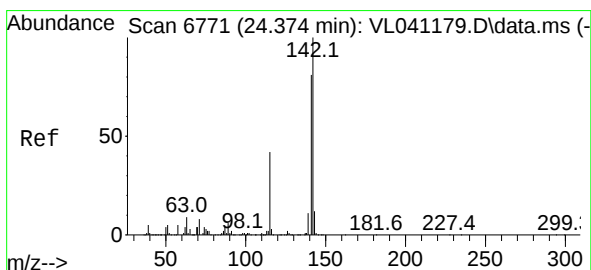
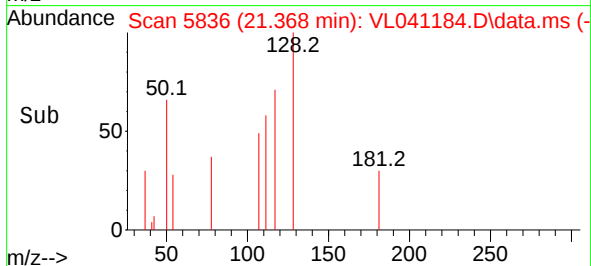
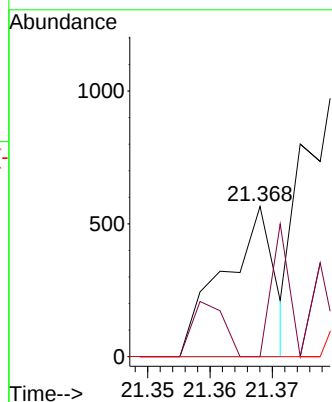
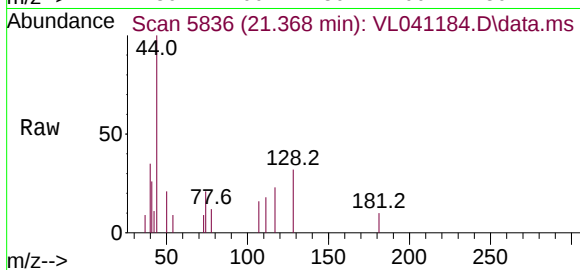
Tgt Ion:128 Resp: 320

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.9 13.3#



#80

Naphthalene, 2-methyl-

Concen: 0.002 ppbv

RT: 24.435 min Scan# 6790

Delta R.T. 0.061 min

Lab File: VL041184.D

Acq: 29 Apr 2024 14:46

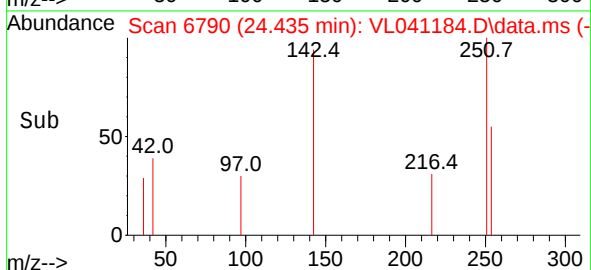
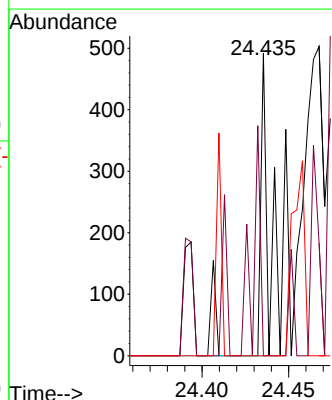
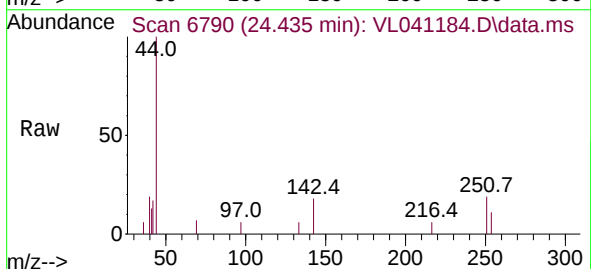
Tgt Ion:142 Resp: 254

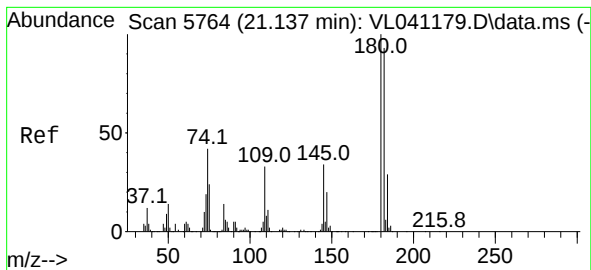
Ion Ratio Lower Upper

142 100

141 64.6 67.9 101.9#

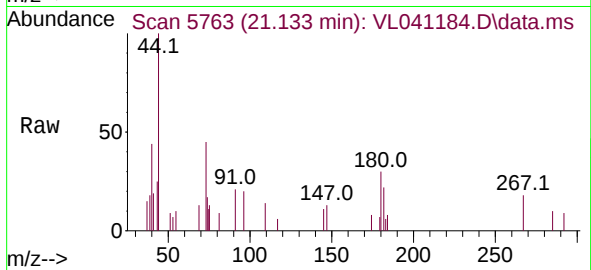
115 0.0 31.4 47.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.002 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041184.D
 Acq: 29 Apr 2024 14:46

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 230
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.2 115.8#
 184 455.2 24.6 36.8#

