

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041892.D
 Acq On : 14 Jan 2025 14:30
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 14 21:21:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 16:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	146186	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	430874	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	379402	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	297462	9.954	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	10599	0.532	ppbv	99
3) Chlorodifluoromethane	1.476	51	10582	0.507	ppbv	98
4) Chloromethane	1.534	50	3990	0.533	ppbv	98
5) Vinyl Chloride	1.580	62	4097	0.540	ppbv	94
6) Bromomethane	1.670	94	1852	0.512	ppbv #	78
7) Chloroethane	1.706	64	1532	0.519	ppbv #	77
8) Dichlorotetrafluoroethane	1.557	85	9372	0.539	ppbv	95
9) Propene	1.486	41	4690	0.546	ppbv	85
10) Heptane	4.988	43	11230	0.489	ppbv	95
11) Trichlorofluoromethane	1.881	101	10873	0.525	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	8027	0.494	ppbv	90
13) Ethanol	1.725	45	695	1.104	ppbv	85
14) Bromoethene	1.784	108	3071	0.517	ppbv #	94
15) Acetone	1.839	43	10273	0.585	ppbv	99
16) 1,3-Butadiene	1.612	39	4038	0.512	ppbv	99
17) tert-Butyl alcohol	2.046	59	11158	0.516	ppbv #	94
18) 1,1-Dichloroethene	2.036	96	3803	0.520	ppbv	95
19) Isopropyl Alcohol	1.891	45	6317	0.607	ppbv #	32
20) Methylene Chloride	2.065	84	4286	0.618	ppbv	93
21) Allyl Chloride	2.101	41	6553	0.539	ppbv	96
22) trans-1,2-Dichloroethene	2.347	96	4015	0.486	ppbv	89
23) Vinyl Acetate	2.467	43	3434	0.449	ppbv #	73
24) 1,1-Dichloroethane	2.415	63	8512	0.533	ppbv	97
25) Ethyl Acetate	2.845	43	23529	0.497	ppbv	97
26) Hexane	2.829	57	5842	0.312	ppbv #	1
27) Carbon Disulfide	2.153	76	8847	0.477	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	7621	0.532	ppbv	97
29) Chloroform	2.855	83	15360	0.519	ppbv	92
30) Cyclohexane	3.871	84	7579	0.467	ppbv	92
31) cis-1,2-Dichloroethene	2.726	61	10275	0.521	ppbv #	89
32) 1,1,1-Trichloroethane	3.379	97	14198	0.501	ppbv	98
34) 2-Butanone	2.567	43	13981	0.510	ppbv	94
35) Carbon Tetrachloride	3.774	117	12590	0.464	ppbv	89
36) Benzene	3.667	78	19954	0.505	ppbv	95
37) 1,2-Dichloroethane	3.227	62	11613	0.523	ppbv	97
38) Trichloroethene	4.561	130	8199	0.523	ppbv #	89
39) 1,2-Dichloropropane	4.324	63	5219	0.376	ppbv #	82
40) 1,4-Dioxane	4.616	88	2300	0.329	ppbv #	1
41) Tetrahydrofuran	3.072	42	7183	0.481	ppbv	94
42) Bromodichloromethane	4.506	83	5876	0.197	ppbv	88
43) Methyl Methacrylate	4.891	69	6816	0.464	ppbv	97
44) 2,2,4-Trimethylpentane	4.645	57	31243	0.489	ppbv	95
45) t-1,3-Dichloropropene	6.428	75	6121	0.445	ppbv	91

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

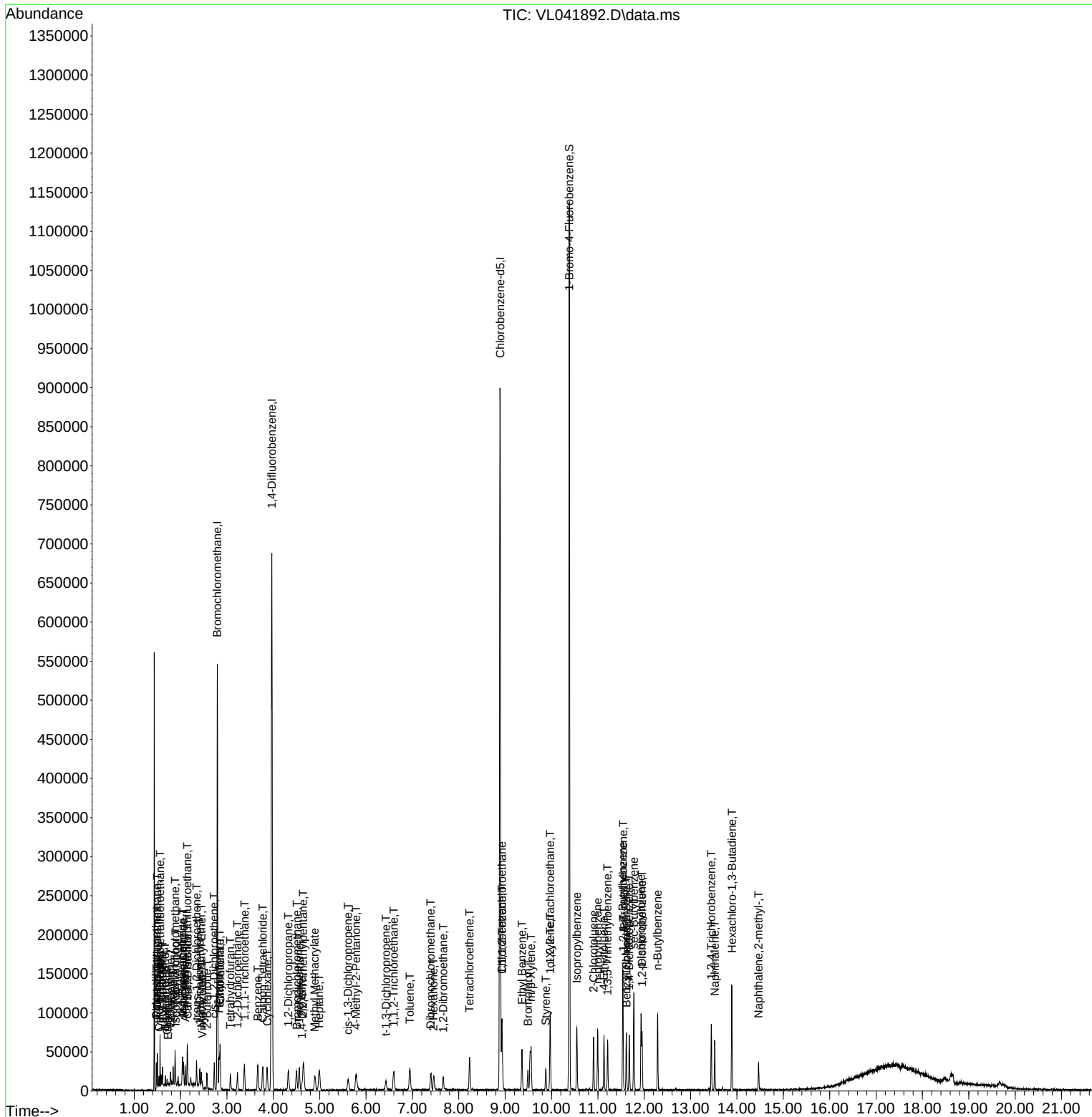
Instrument :
 MSVOA_L
 ClientSampleId :

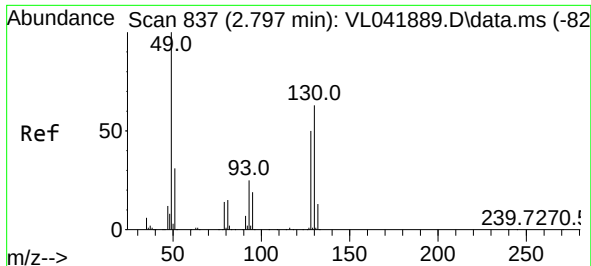
Quant Time: Jan 14 21:21:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 16:31:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	2134	0.118	ppbv	# 51
47) 1,1,2-Trichloroethane	6.597	97	7324	0.498	ppbv	# 84
48) Dibromochloromethane	7.393	129	5548	0.245	ppbv	# 10
49) Bromoform	9.493	173	8162	0.438	ppbv	97
50) 4-Methyl-2-Pentanone	5.784	43	10757	0.288	ppbv	# 62
51) 2-Hexanone	7.454	43	13390	0.466	ppbv	# 97
52) Tetrachloroethene	8.231	164	4136	0.302	ppbv	93
53) Toluene	6.946	91	20118	0.467	ppbv	96
54) 1,2-Dibromoethane	7.665	107	10511	0.520	ppbv	89
56) 1,1,1,2-Tetrachloroethane	8.930	131	9524	0.503	ppbv	# 1
57) Chlorobenzene	8.930	112	18701	0.534	ppbv	# 90
58) Ethyl Benzene	9.364	91	28584	0.482	ppbv	# 88
59) m/p-Xylene	9.558	91	15504	0.326	ppbv	# 1
60) o-Xylene	9.972	91	22370	0.474	ppbv	97
61) Styrene	9.879	104	9788	0.463	ppbv	99
62) Isopropylbenzene	10.545	105	36561	0.501	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.969	83	15485	0.521	ppbv	98
64) n-propylbenzene	10.995	120	9128	0.495	ppbv	93
65) tert-Butylbenzene	11.536	119	33122	0.498	ppbv	98
66) Benzyl Chloride	11.620	91	1935	0.470	ppbv	99
67) sec-Butylbenzene	11.775	105	45326	0.495	ppbv	98
69) p-Isopropyltoluene	11.931	119	35136	0.466	ppbv	98
70) n-Butylbenzene	12.287	91	35409	0.473	ppbv	96
71) 2-Chlorotoluene	10.908	91	26436	0.490	ppbv	99
72) 4-Ethyltoluene	11.131	105	27363	0.485	ppbv	97
73) 1,3,5-Trimethylbenzene	11.209	105	23183	0.465	ppbv	93
74) 1,2,4-Trimethylbenzene	11.545	105	25777	0.478	ppbv	89
75) 1,3-Dichlorobenzene	11.610	146	16708	0.522	ppbv	100
76) 1,4-Dichlorobenzene	11.678	146	15738	0.503	ppbv	96
77) 1,2-Dichlorobenzene	11.953	146	16364	0.516	ppbv	93
78) Hexachloro-1,3-Butadiene	13.892	225	14162	0.544	ppbv	96
79) Naphthalene	13.520	128	28052	0.516	ppbv	98
80) Naphthalene,2-methyl-	14.468	142	10859	0.422	ppbv	97
81) 1,2,4-Trichlorobenzene	13.445	180	14136	0.533	ppbv	95

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 16:31:18 2025
Response via : Initial Calibration

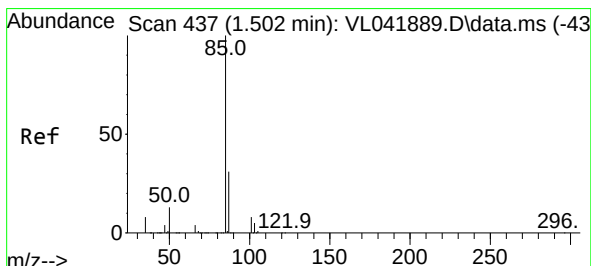
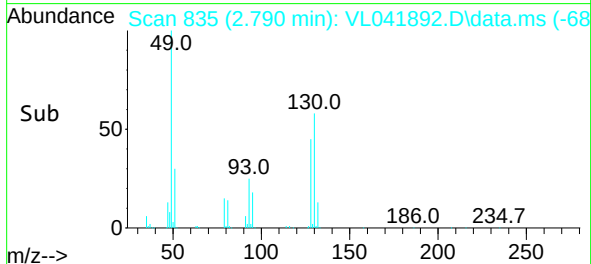
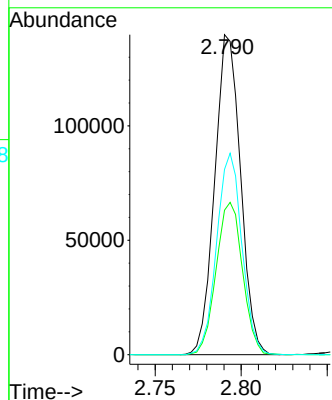
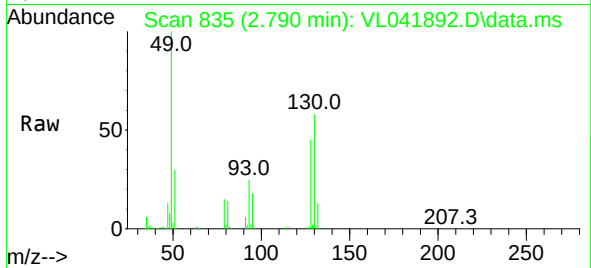




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

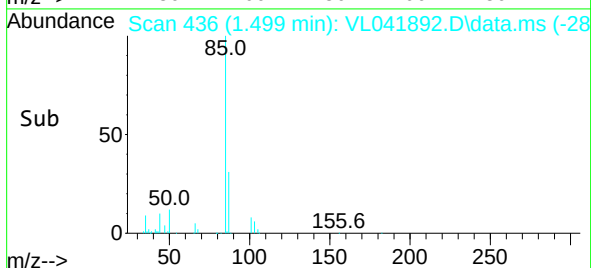
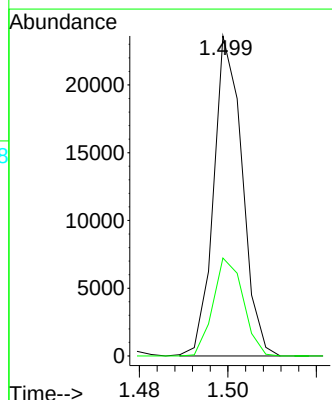
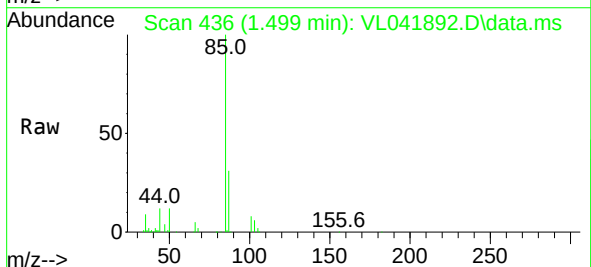
Instrument :
MSVOA_L
ClientSampleId :

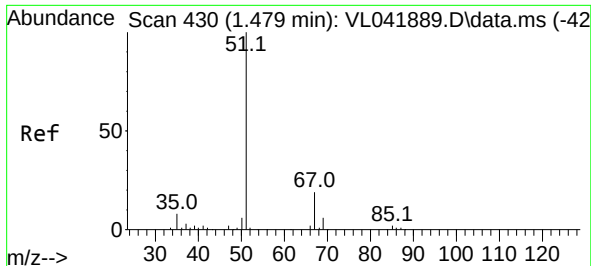
Tgt Ion: 49 Resp: 146186
Ion Ratio Lower Upper
49 100
128 48.7 24.3 73.0
130 61.5 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 0.532 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion: 85 Resp: 10599
Ion Ratio Lower Upper
85 100
87 30.6 24.9 37.3

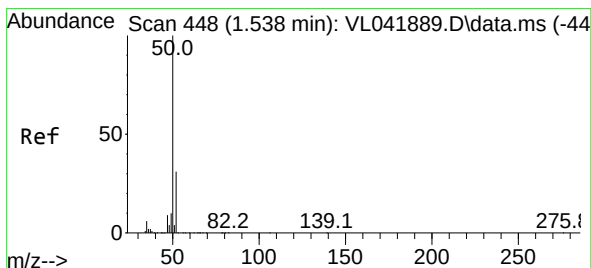
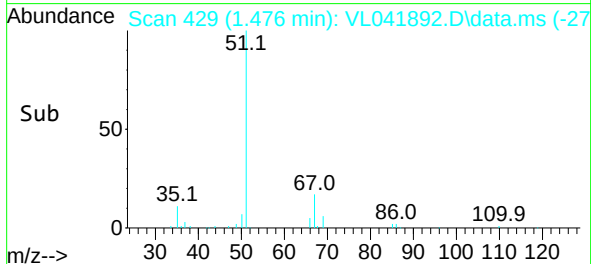
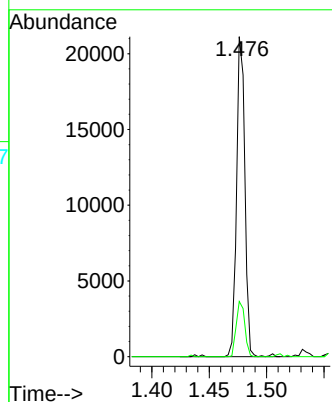
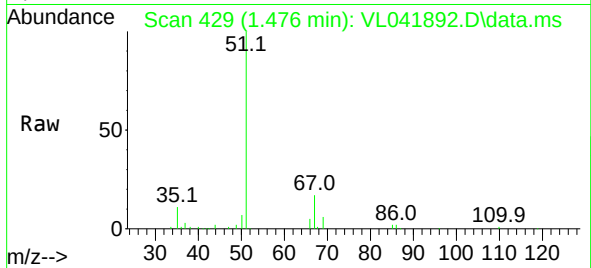




#3
Chlorodifluoromethane
Concen: 0.507 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

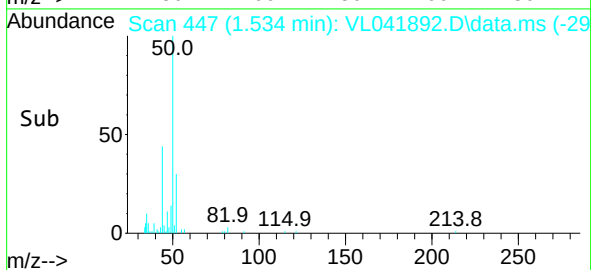
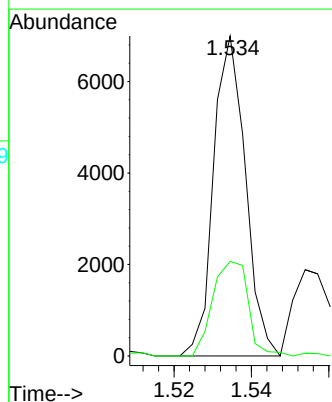
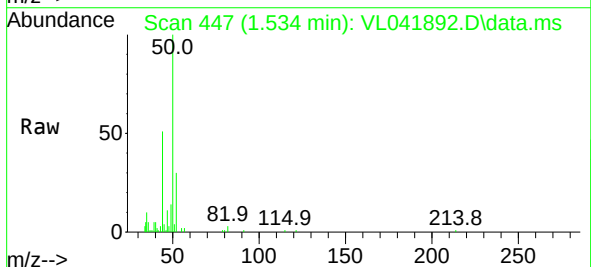
Instrument :
MSVOA_L
ClientSampleId :

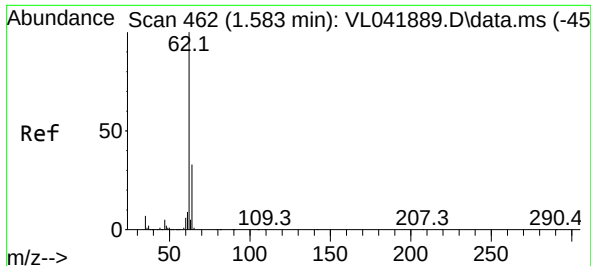
Tgt Ion: 51 Resp: 10582
Ion Ratio Lower Upper
51 100
67 17.8 15.0 22.4



#4
Chloromethane
Concen: 0.533 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion: 50 Resp: 3990
Ion Ratio Lower Upper
50 100
52 29.6 24.6 36.8

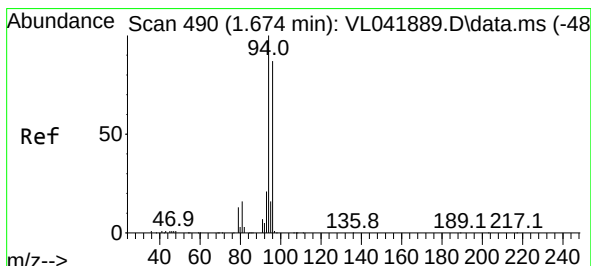
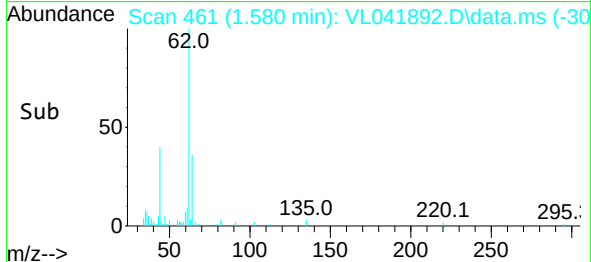
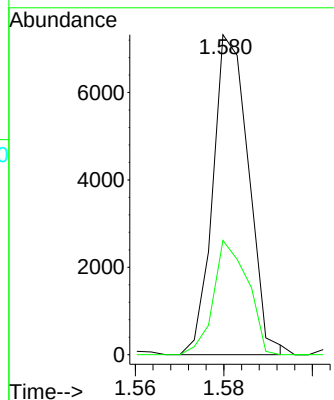
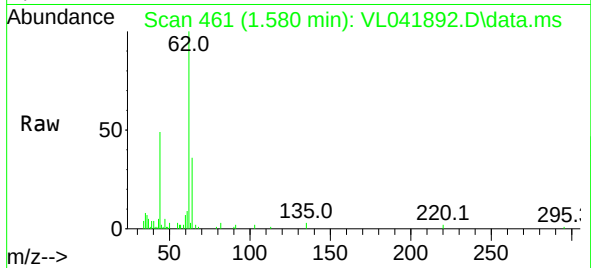




#5
 Vinyl Chloride
 Concen: 0.540 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.003 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30

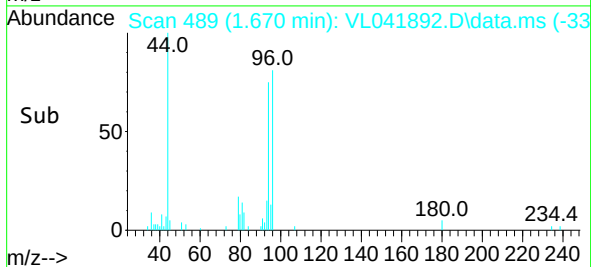
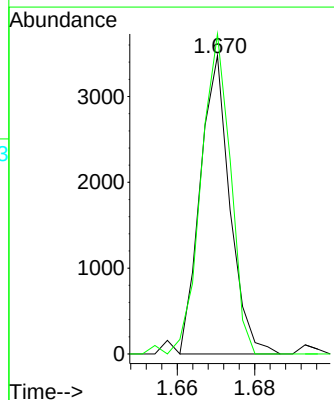
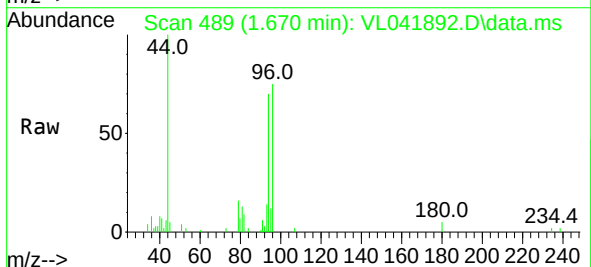
Instrument :
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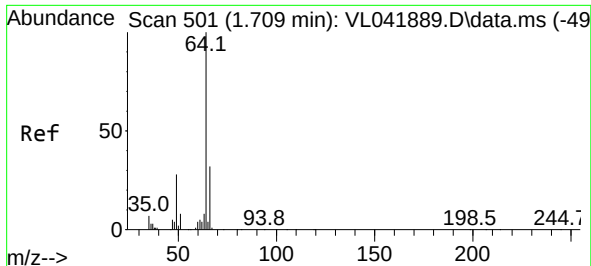
Tgt Ion: 62 Resp: 4097
 Ion Ratio Lower Upper
 62 100
 64 35.7 26.1 39.1



#6
 Bromomethane
 Concen: 0.512 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30

Tgt Ion: 94 Resp: 1852
 Ion Ratio Lower Upper
 94 100
 96 107.2 69.5 104.3#

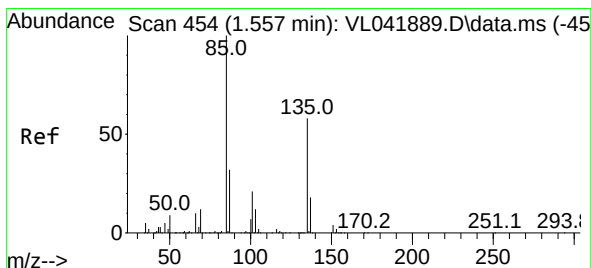
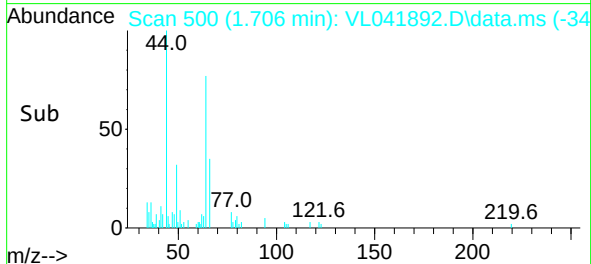
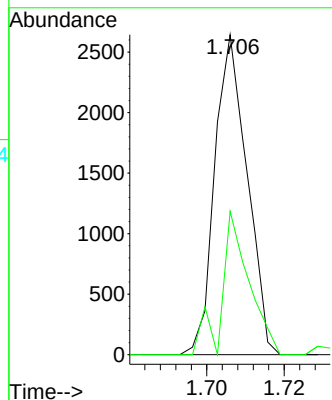
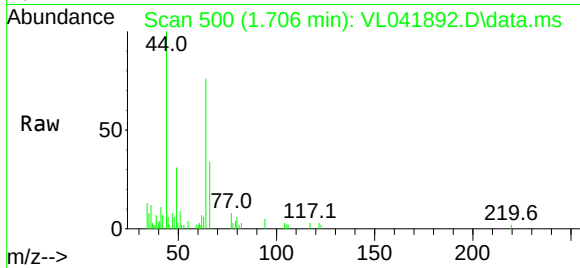




#7
Chloroethane
Concen: 0.519 ppbv
RT: 1.706 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

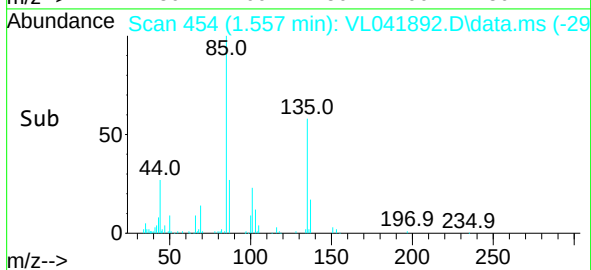
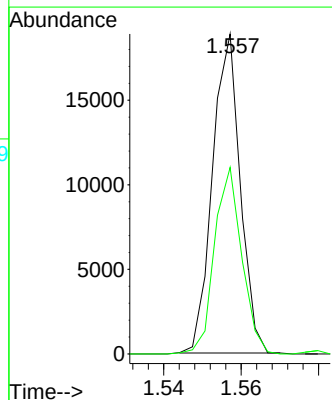
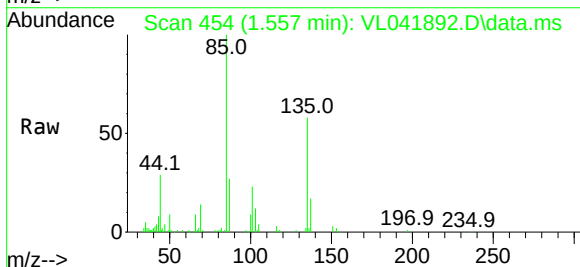
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ClientSampleId :

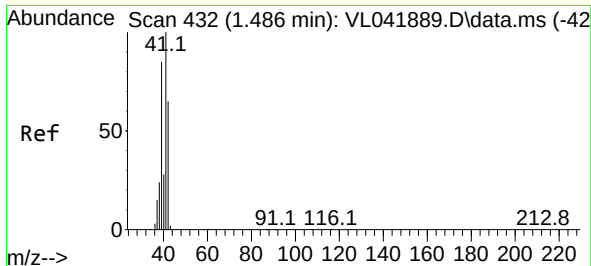
Tgt Ion: 64 Resp: 1532
Ion Ratio Lower Upper
64 100
66 44.8 25.7 38.5#



#8
Dichlorotetrafluoroethane
Concen: 0.539 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion: 85 Resp: 9372
Ion Ratio Lower Upper
85 100
135 58.3 50.0 75.0





#9

Propene

Concen: 0.546 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Instrument :

MSVOA_L

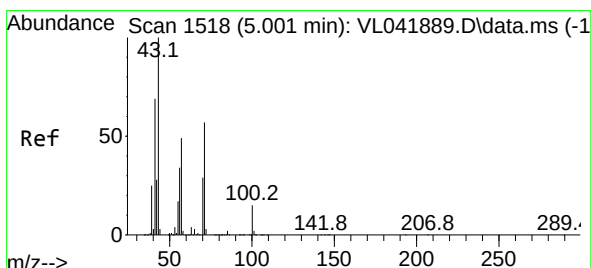
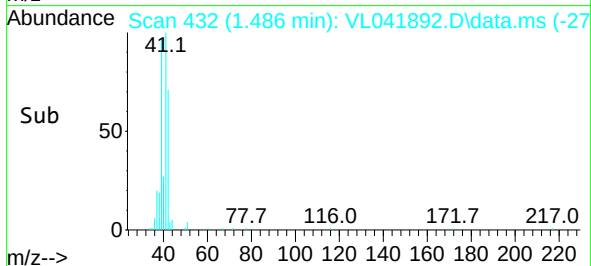
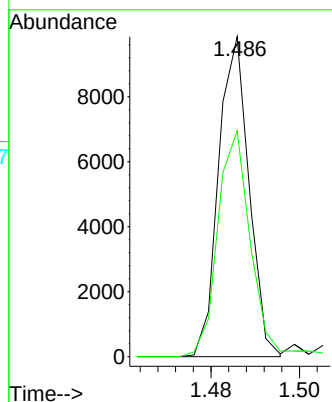
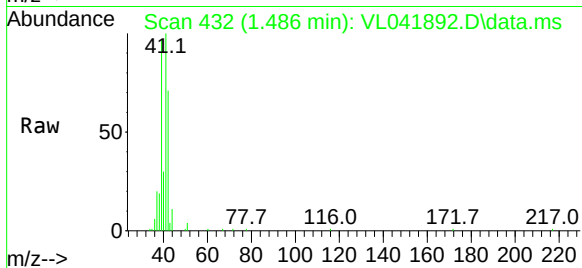
ClientSampleId :

Tgt Ion: 41 Resp: 4690

Ion Ratio Lower Upper

41 100

42 76.8 52.0 78.0



#10

Heptane

Concen: 0.489 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. -0.013 min

Lab File: VL041892.D

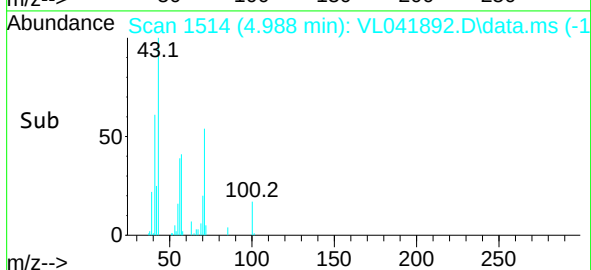
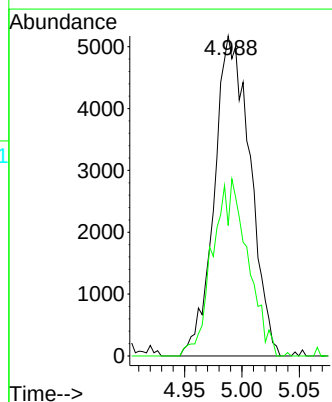
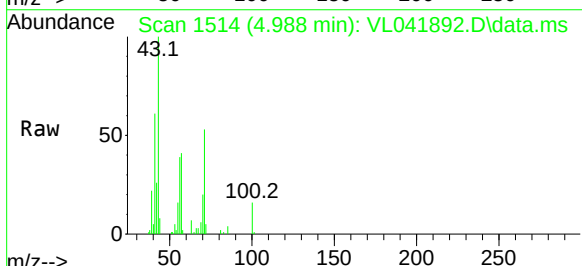
Acq: 14 Jan 2025 14:30

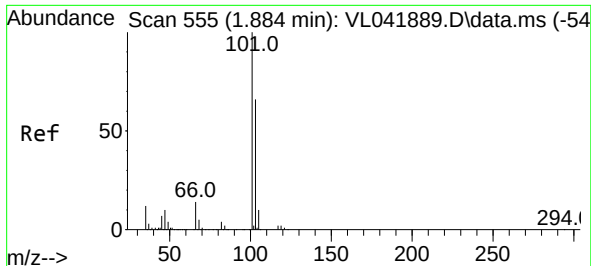
Tgt Ion: 43 Resp: 11230

Ion Ratio Lower Upper

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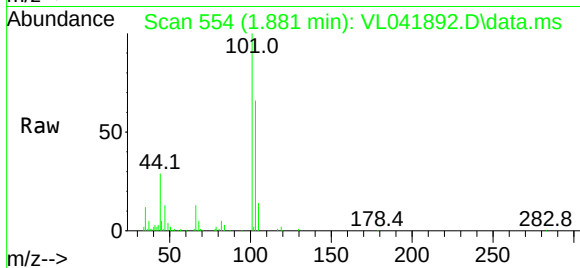
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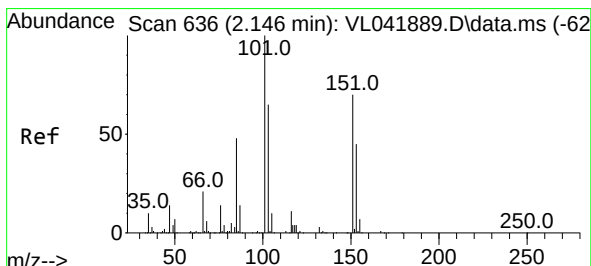
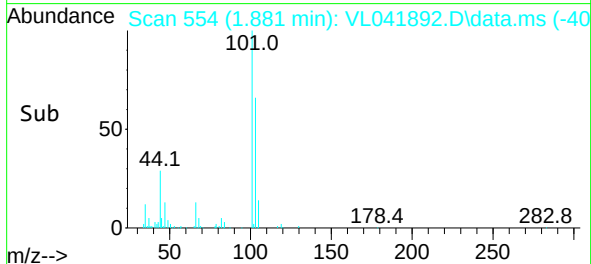
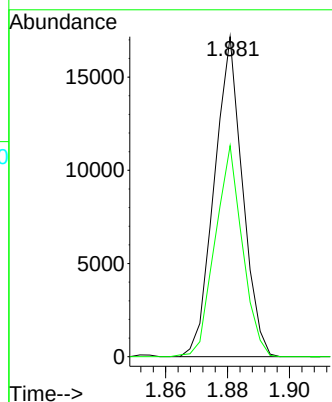


#11
 Trichlorofluoromethane
 Concen: 0.525 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30

Instrument :
 MSVOA_L
 ClientSampleId :

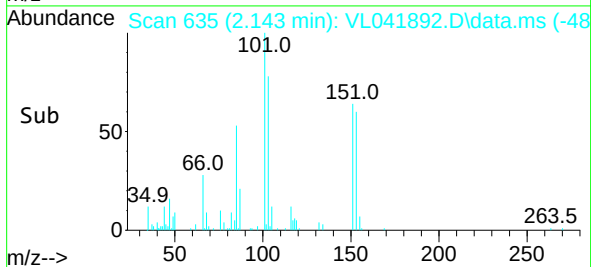
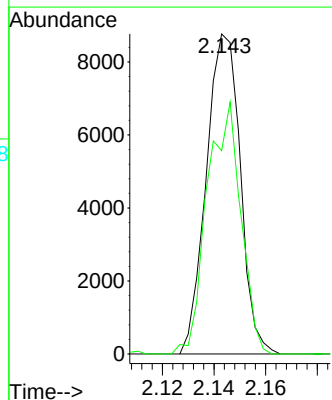
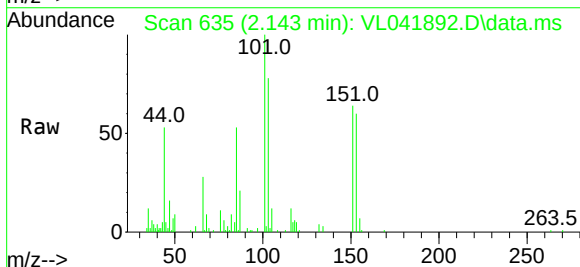


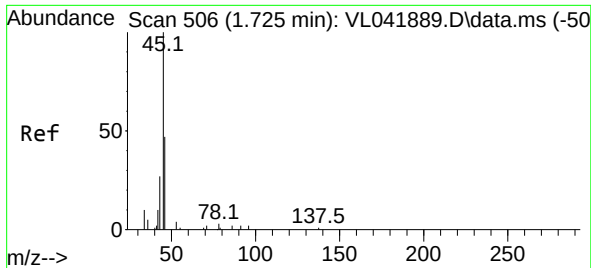
Tgt Ion:101 Resp: 10873
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.494 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.003 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30

Tgt Ion:101 Resp: 8027
 Ion Ratio Lower Upper
 101 100
 151 78.5 56.1 84.1

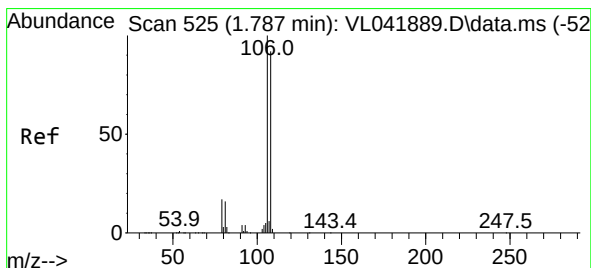
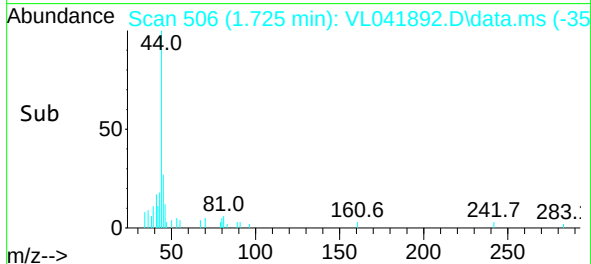
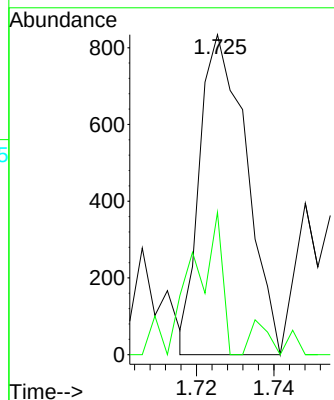
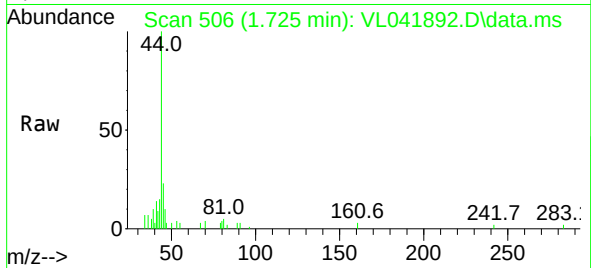




#13
Ethanol
Concen: 1.104 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.000 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

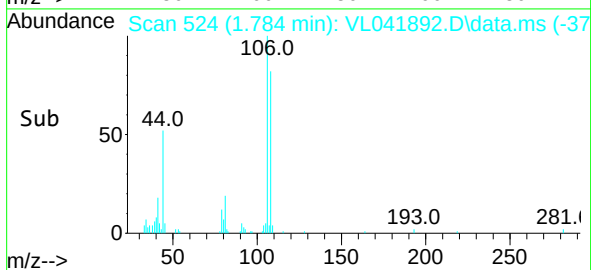
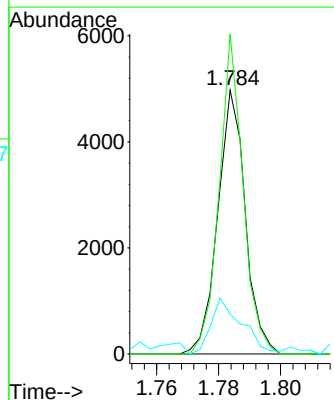
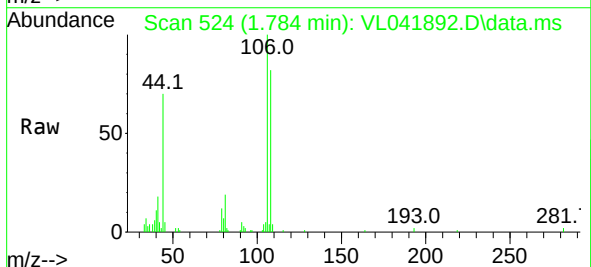
Instrument :
MSVOA_L
ClientSampleId :

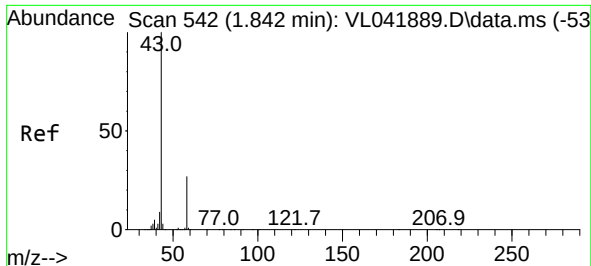
Tgt Ion: 45 Resp: 695
Ion Ratio Lower Upper
45 100
46 35.4 18.1 72.5



#14
Bromoethene
Concen: 0.517 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion: 108 Resp: 3071
Ion Ratio Lower Upper
108 100
106 105.1 85.5 128.3
79 33.4 15.3 22.9#

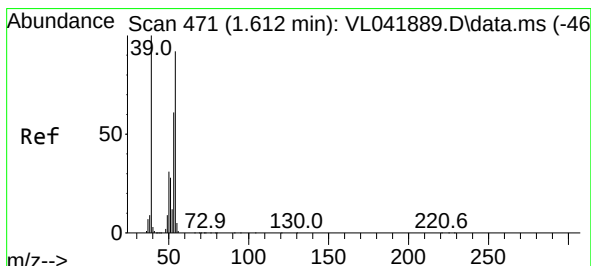
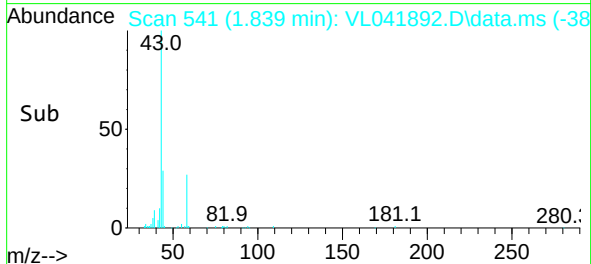
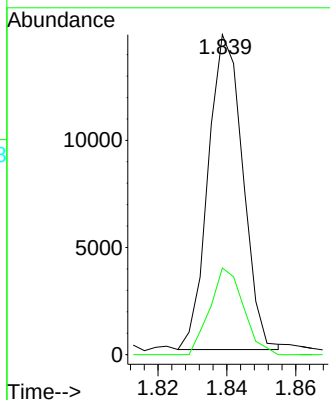
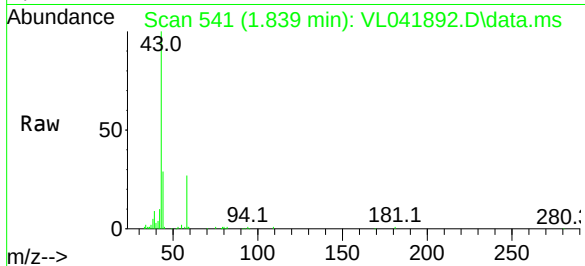




#15
Acetone
Concen: 0.585 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

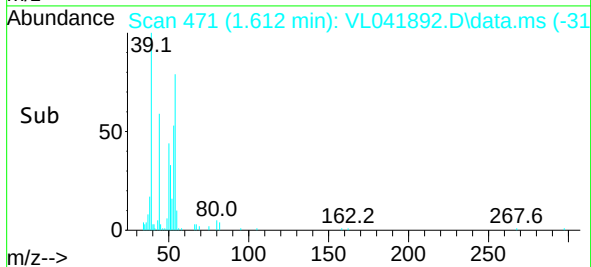
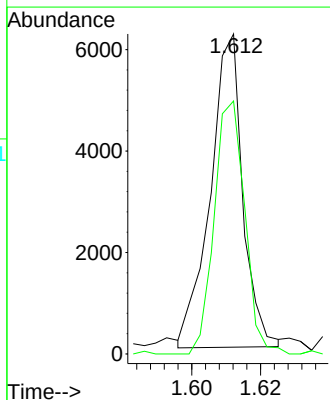
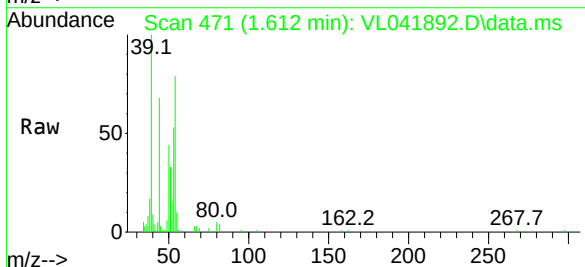
Instrument :
MSVOA_L
ClientSampleId :

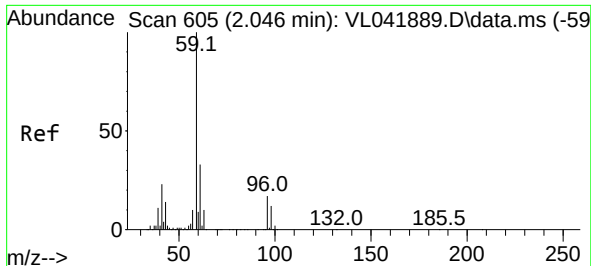
Tgt Ion: 43 Resp: 10273
Ion Ratio Lower Upper
43 100
58 26.7 21.9 32.9



#16
1,3-Butadiene
Concen: 0.512 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion: 39 Resp: 4038
Ion Ratio Lower Upper
39 100
54 77.8 61.6 92.4





#17

tert-Butyl alcohol

Concen: 0.516 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.000 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Instrument :

MSVOA_1

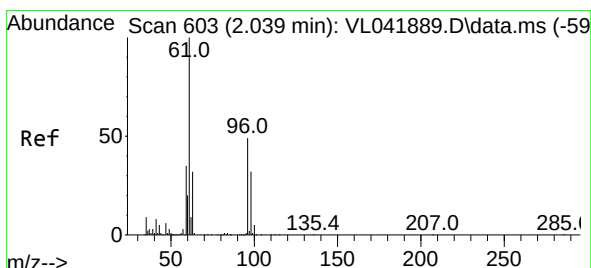
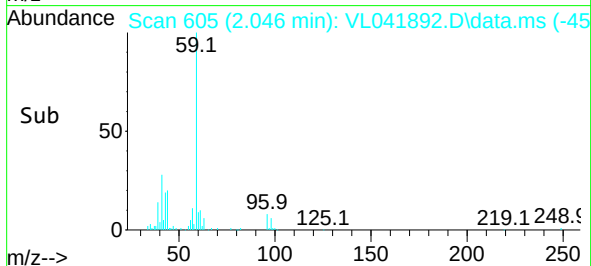
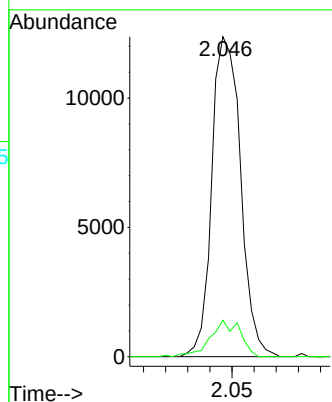
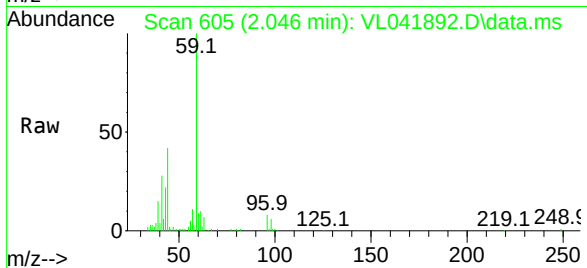
ClientSampleId :

Tgt Ion: 59 Resp: 11158

Ion Ratio Lower Upper

59 100

57 12.0 7.8 11.8#



#18

1,1-Dichloroethene

Concen: 0.520 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.003 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

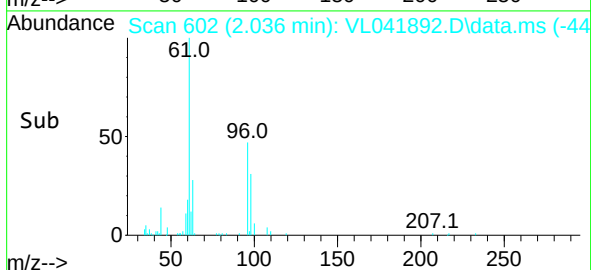
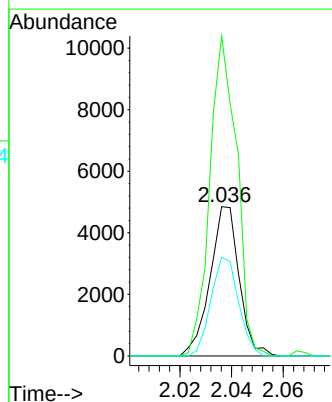
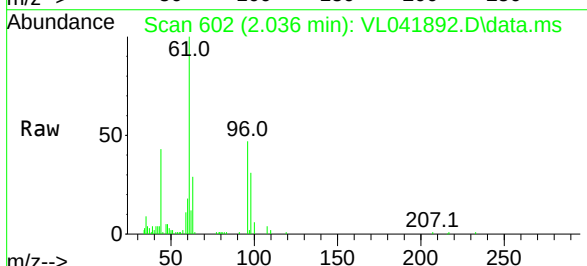
Tgt Ion: 96 Resp: 3803

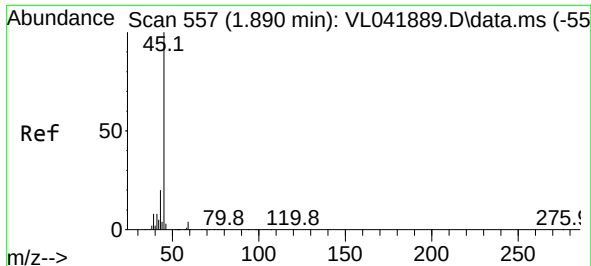
Ion Ratio Lower Upper

96 100

61 214.3 163.1 244.7

98 66.0 52.7 79.1

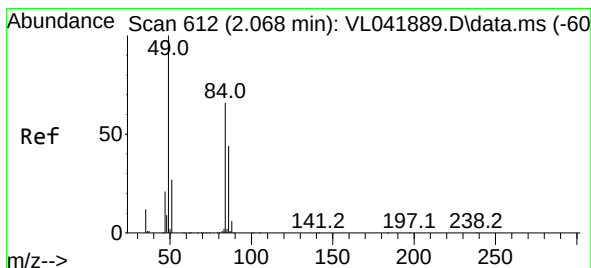
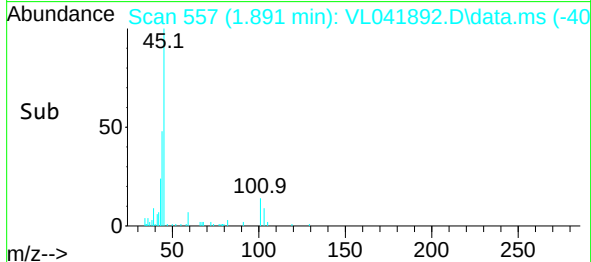
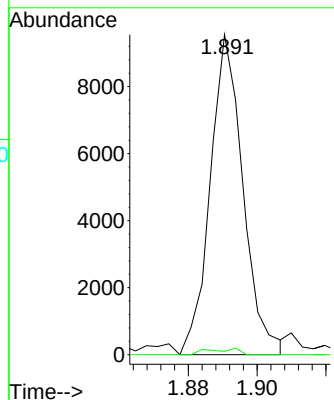
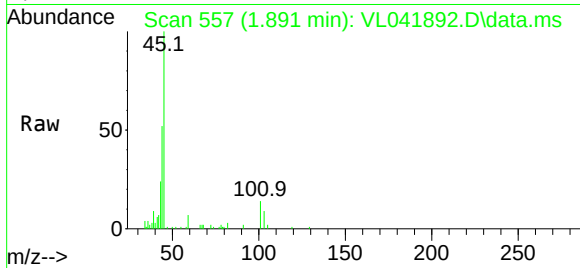




#19
Isopropyl Alcohol
Concen: 0.607 ppbv
RT: 1.891 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

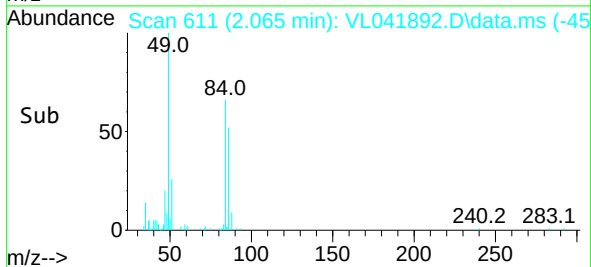
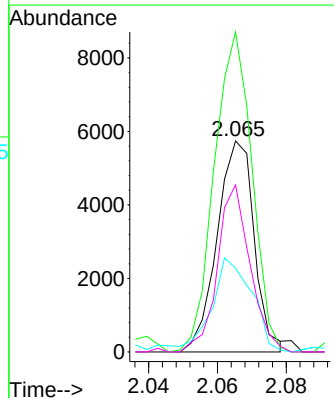
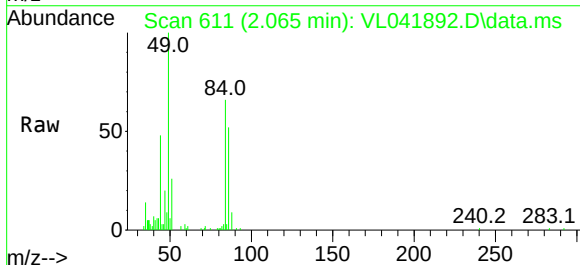
Instrument :
MSVOA_L
ClientSampleId :

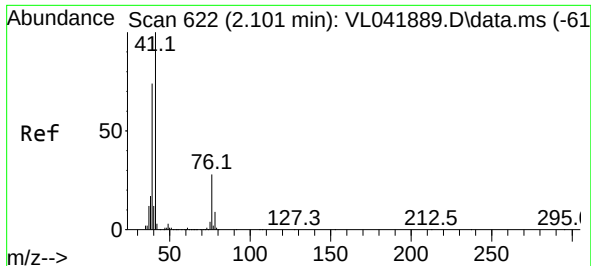
Tgt Ion: 45 Resp: 6317
Ion Ratio Lower Upper
45 100
58 0.0 35.0 52.6#



#20
Methylene Chloride
Concen: 0.618 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

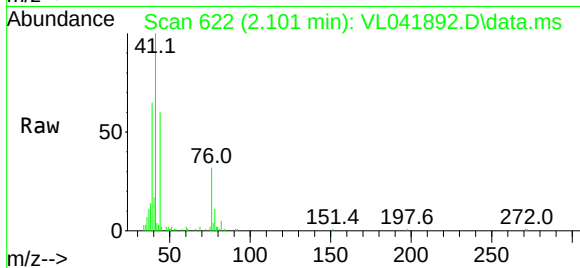
Tgt Ion: 84 Resp: 4286
Ion Ratio Lower Upper
84 100
49 150.6 123.1 184.7
51 38.8 35.8 53.8
86 79.1 53.7 80.5



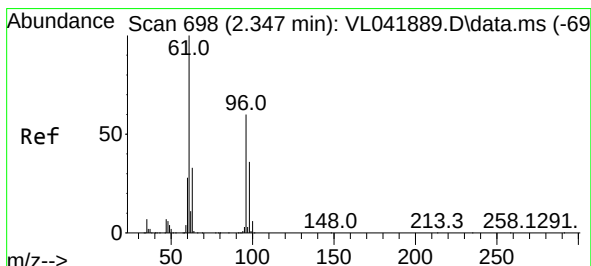
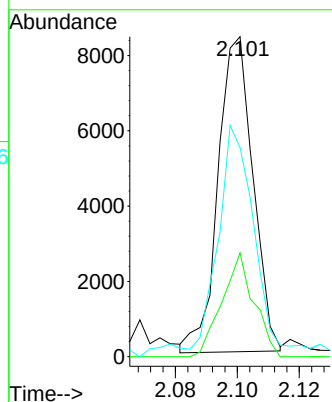
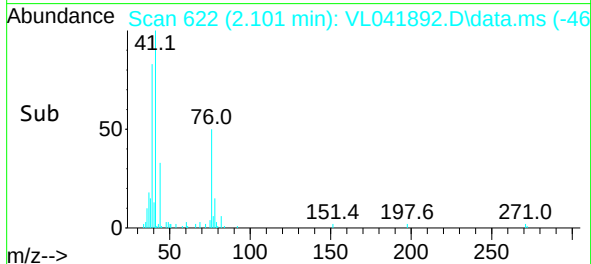


#21
 Allyl Chloride
 Concen: 0.539 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30

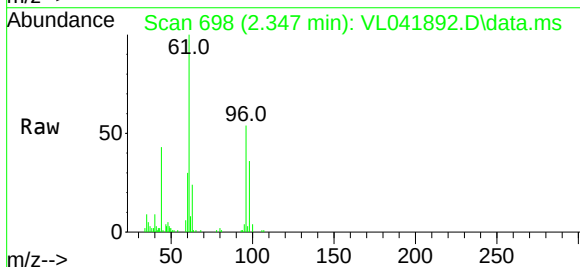
Instrument :
 MSVOA_L
 ClientSampleId :



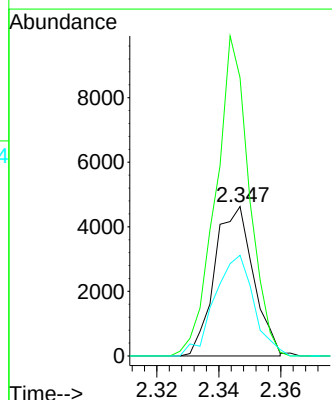
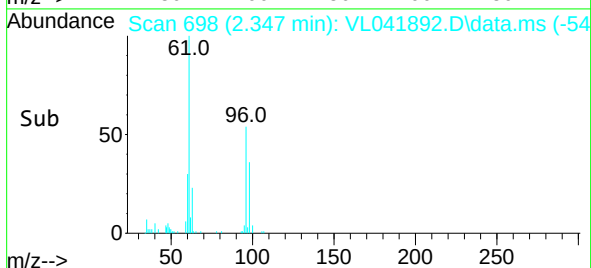
Tgt Ion: 41 Resp: 6553
 Ion Ratio Lower Upper
 41 100
 76 30.2 24.2 36.4
 39 80.0 60.6 91.0

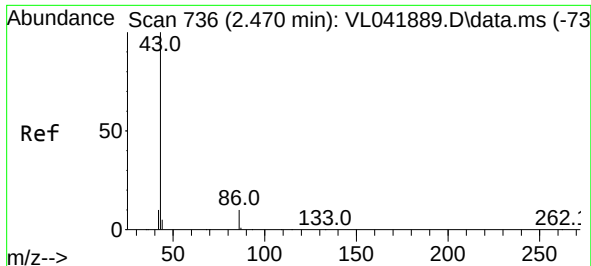


#22
 trans-1,2-Dichloroethene
 Concen: 0.486 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30



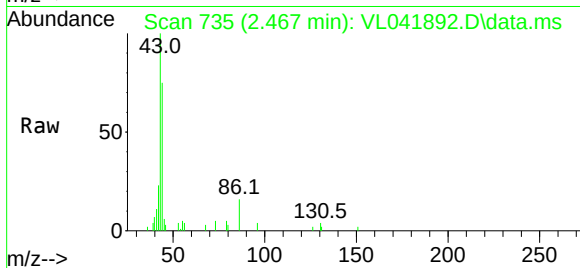
Tgt Ion: 96 Resp: 4015
 Ion Ratio Lower Upper
 96 100
 61 183.7 134.5 201.7
 98 67.4 48.9 73.3



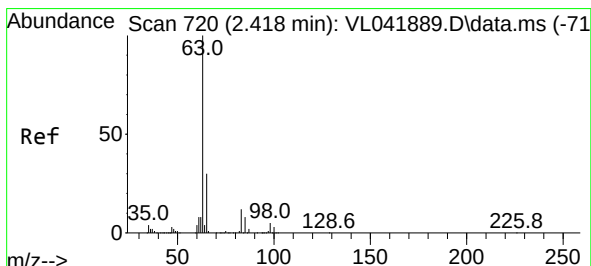
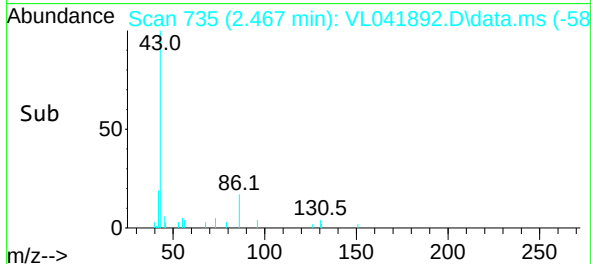
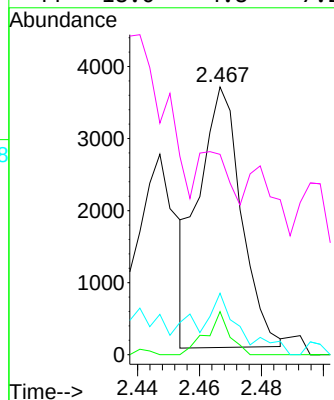


#23
Vinyl Acetate
Concen: 0.449 ppbv
RT: 2.467 min Scan# 719
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Instrument :
MSVOA_L
ClientSampleId :

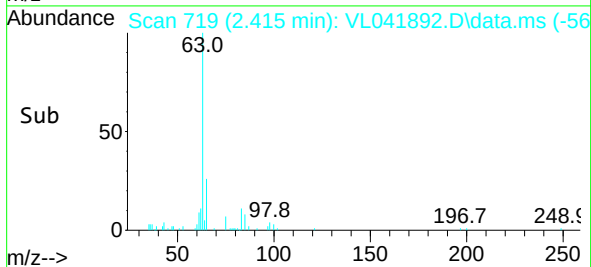
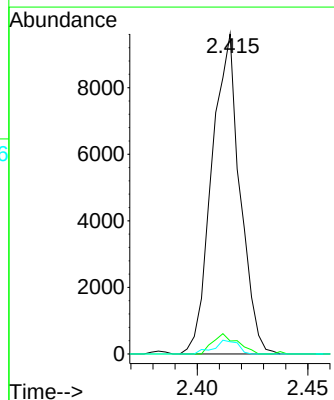
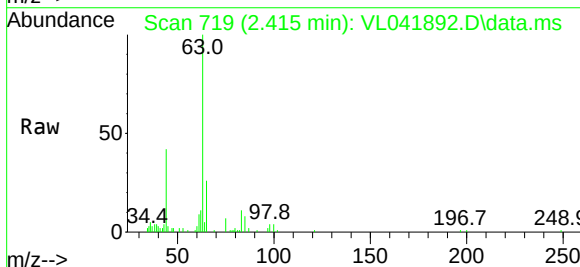


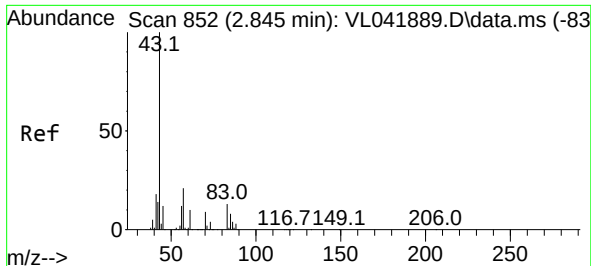
Tgt Ion:	43	Resp:	3434
Ion	Ratio	Lower	Upper
43	100		
86	17.1	6.2	9.4#
42	19.1	8.5	12.7#
44	18.0	4.8	7.2#



#24
1,1-Dichloroethane
Concen: 0.533 ppbv
RT: 2.415 min Scan# 719
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

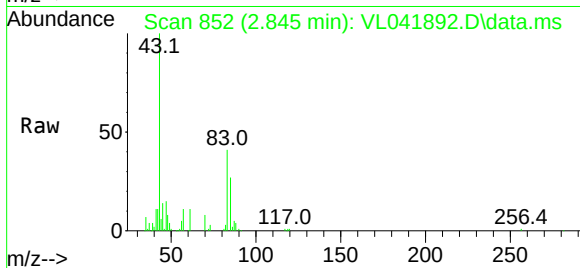
Tgt Ion:	63	Resp:	8512
Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.6	7.8
100	3.8	1.4	4.2



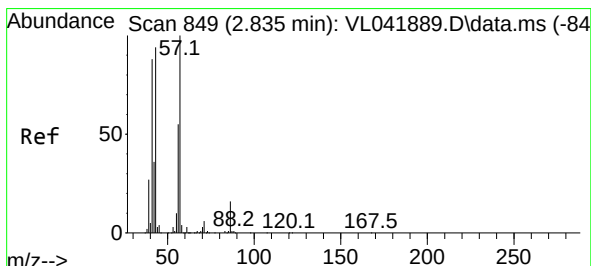
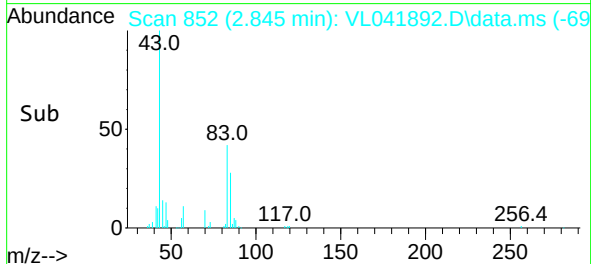
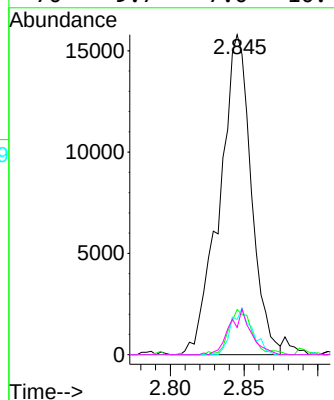


#25
Ethyl Acetate
Concen: 0.497 ppbv
RT: 2.845 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Instrument :
MSVOA_L
ClientSampleId :

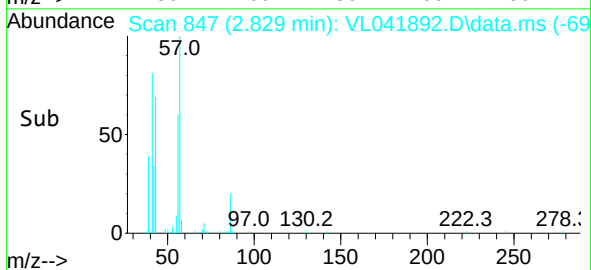
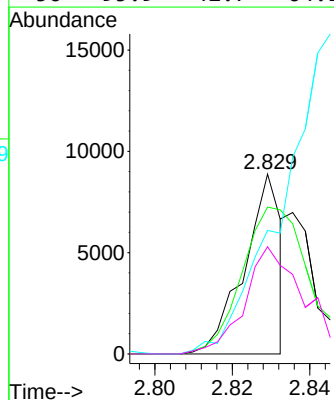
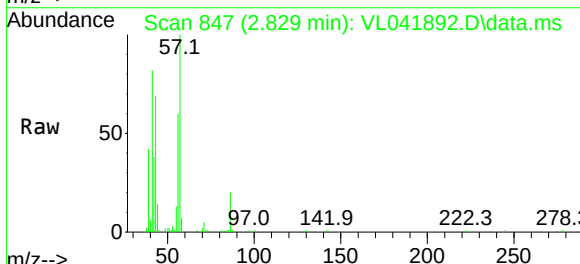


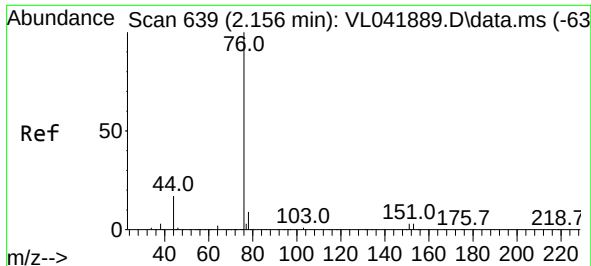
Tgt Ion: 43	Resp: 23529
Ion Ratio	Lower Upper
43 100	
45 11.5	8.2 12.2
61 9.6	7.4 11.0
70 9.7	7.0 10.4



#26
Hexane
Concen: 0.312 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.006 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion: 57	Resp: 5842
Ion Ratio	Lower Upper
57 100	
41 148.9	73.8 110.8#
43 0.0	197.3 295.9#
56 95.9	42.7 64.1#





#27

Carbon Disulfide

Concen: 0.477 ppbv

RT: 2.153 min Scan# 61

Delta R.T. -0.003 min

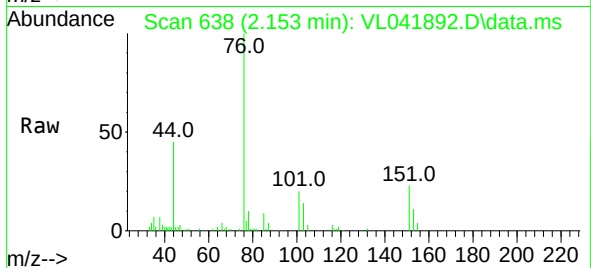
Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Instrument :

MSVOA_L

ClientSampleId :



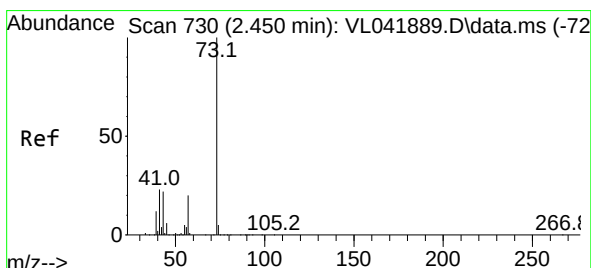
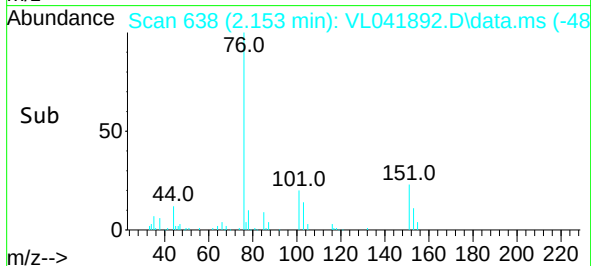
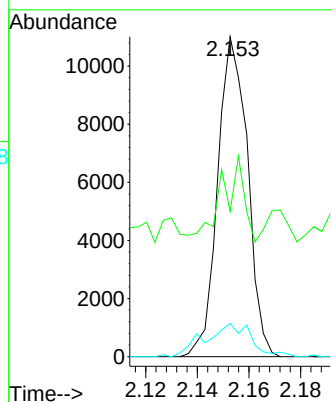
Tgt Ion: 76 Resp: 8847

Ion Ratio Lower Upper

76 100

44 149.7 15.4 23.0#

78 16.6 9.3 13.9#



#28

Methyl tert-Butyl Ether

Concen: 0.532 ppbv

RT: 2.447 min Scan# 729

Delta R.T. -0.003 min

Lab File: VL041892.D

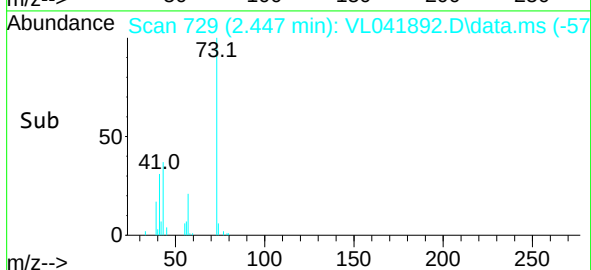
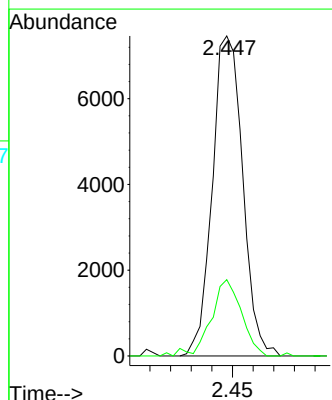
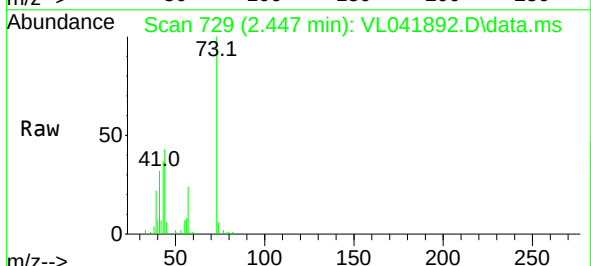
Acq: 14 Jan 2025 14:30

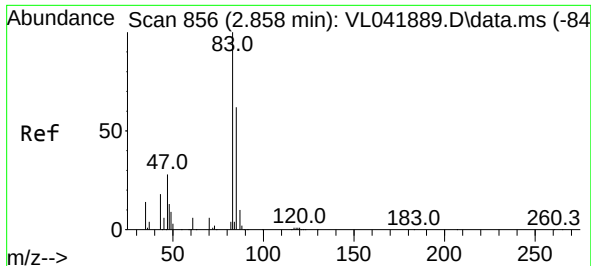
Tgt Ion: 73 Resp: 7621

Ion Ratio Lower Upper

73 100

57 24.1 18.1 27.1





#29

Chloroform

Concen: 0.519 ppbv

RT: 2.855 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Instrument :

MSVOA_L

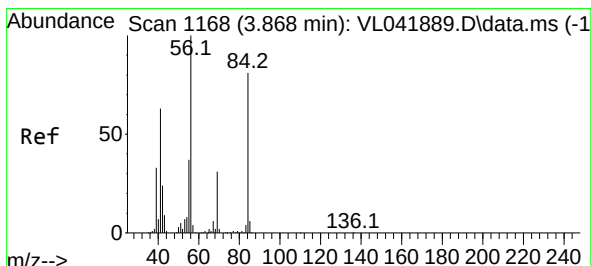
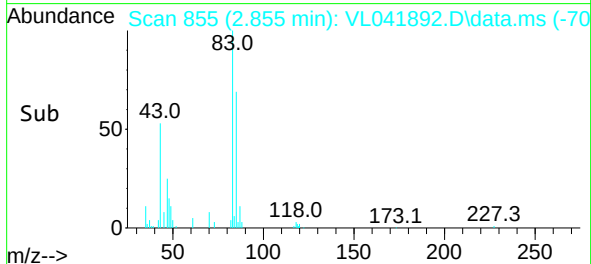
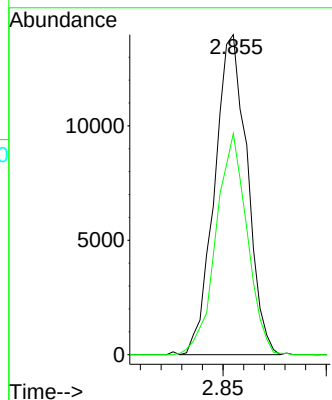
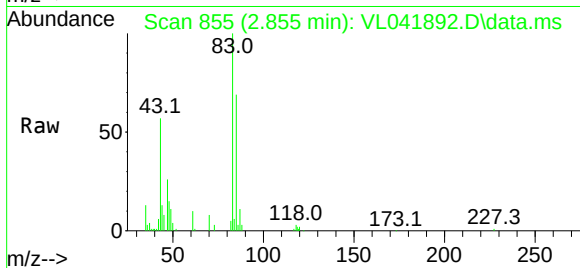
ClientSampleId :

Tgt Ion: 83 Resp: 15360

Ion Ratio Lower Upper

83 100

85 68.7 50.1 75.1



#30

Cyclohexane

Concen: 0.467 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

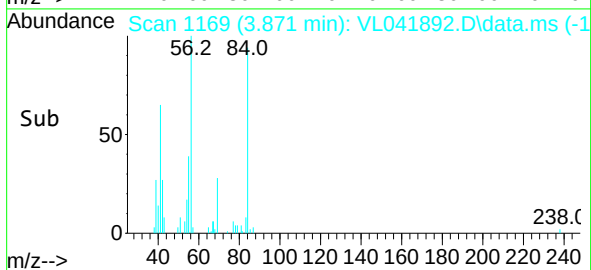
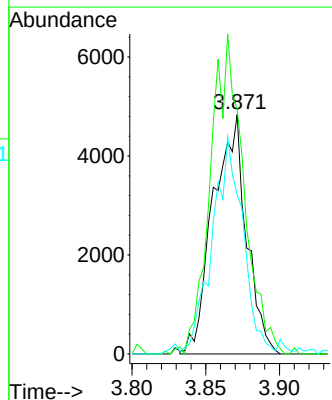
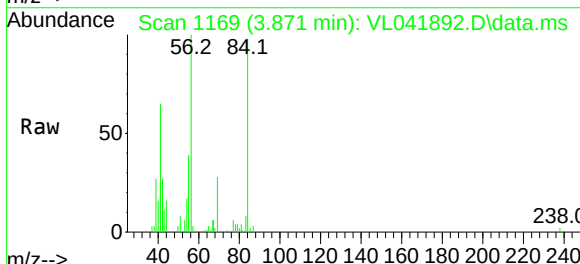
Tgt Ion: 84 Resp: 7579

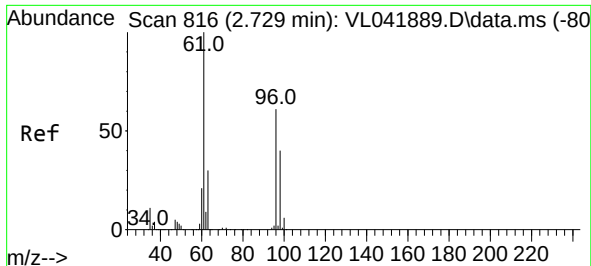
Ion Ratio Lower Upper

84 100

56 133.2 99.3 148.9

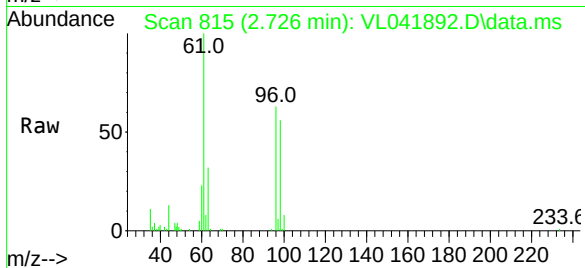
41 87.5 64.3 96.5



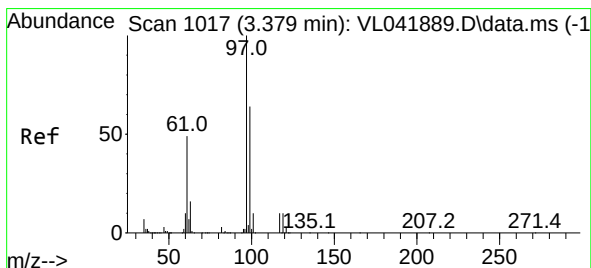
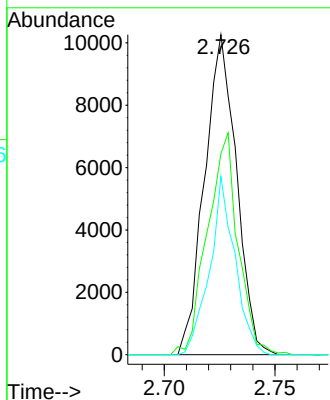
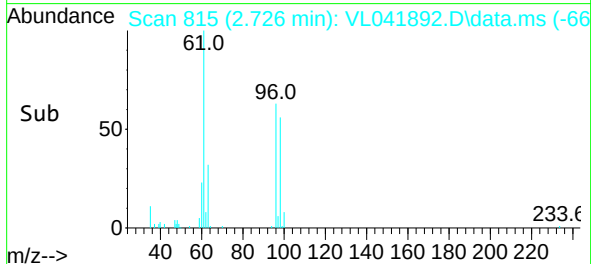


#31
 cis-1,2-Dichloroethene
 Concen: 0.521 ppbv
 RT: 2.726 min Scan# 816
 Delta R.T. -0.003 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30

Instrument :
 MSVOA_L
 ClientSampleId :

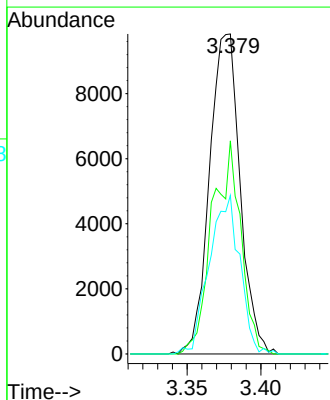
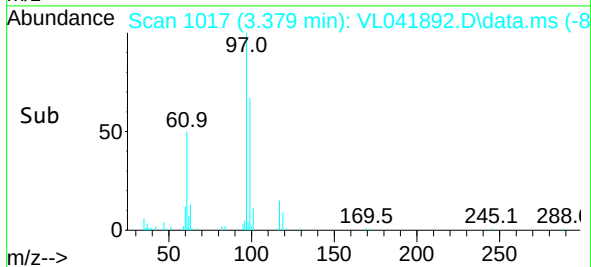
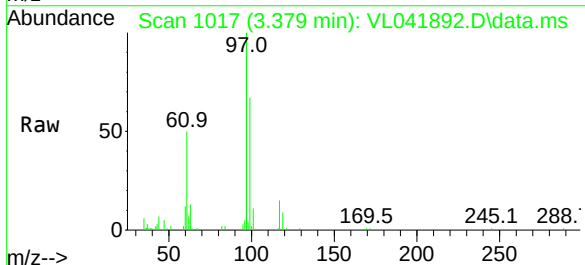


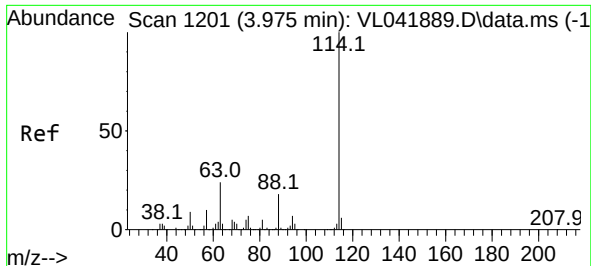
Tgt Ion: 61 Resp: 10275
 Ion Ratio Lower Upper
 61 100
 96 62.2 48.7 73.1
 98 55.7 31.6 47.4#



#32
 1,1,1-Trichloroethane
 Concen: 0.501 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. 0.000 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30

Tgt Ion: 97 Resp: 14198
 Ion Ratio Lower Upper
 97 100
 99 62.4 51.1 76.7
 61 49.6 39.0 58.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Instrument :

MSVOA_L

ClientSampleId :

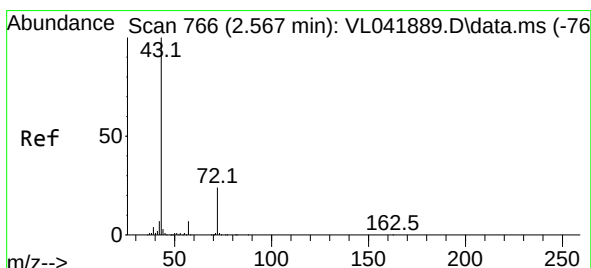
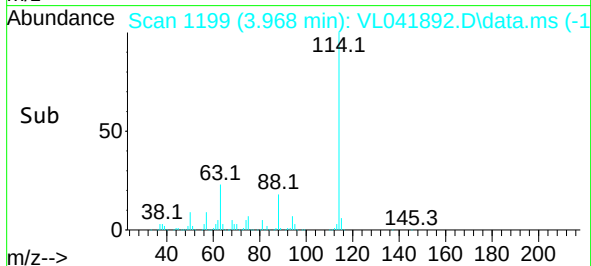
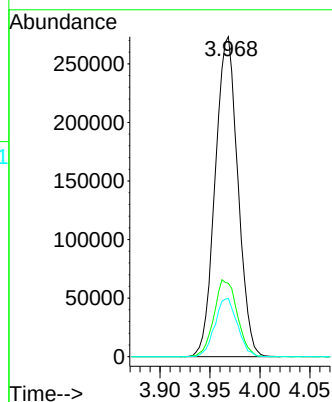
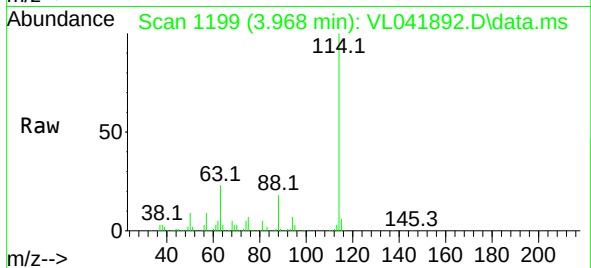
Tgt Ion:114 Resp: 430874

Ion Ratio Lower Upper

114 100

63 24.7 19.8 29.6

88 18.1 14.4 21.6



#34

2-Butanone

Concen: 0.510 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.000 min

Lab File: VL041892.D

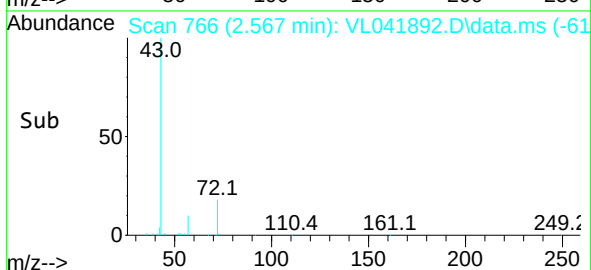
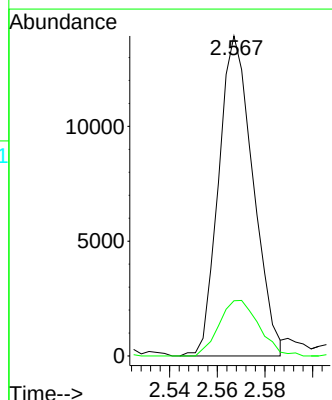
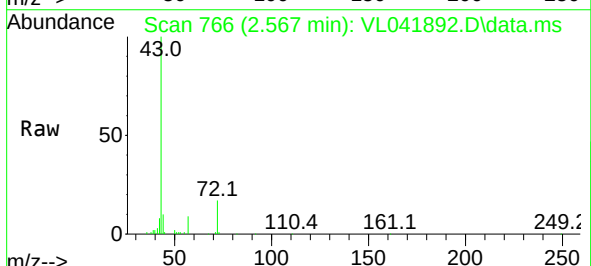
Acq: 14 Jan 2025 14:30

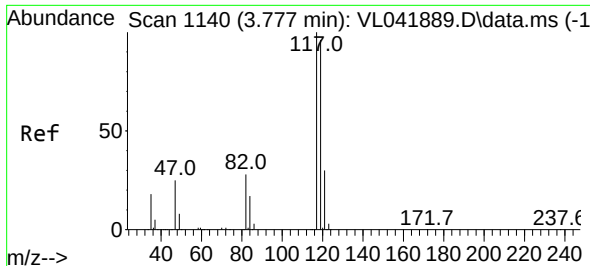
Tgt Ion: 43 Resp: 13981

Ion Ratio Lower Upper

43 100

72 20.3 18.6 28.0

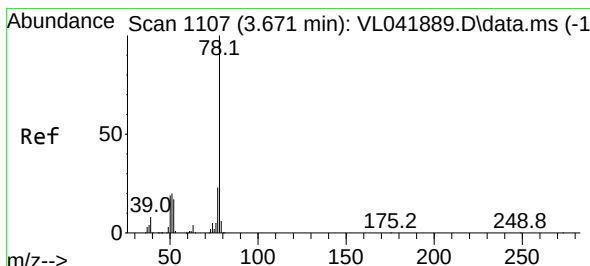
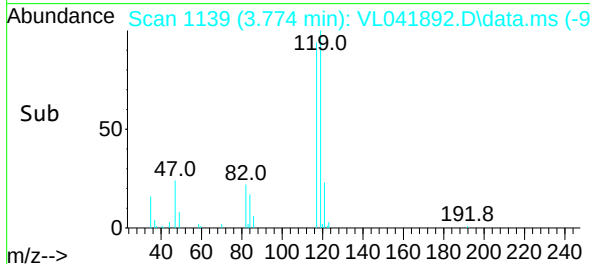
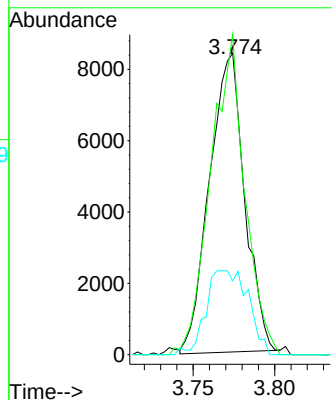
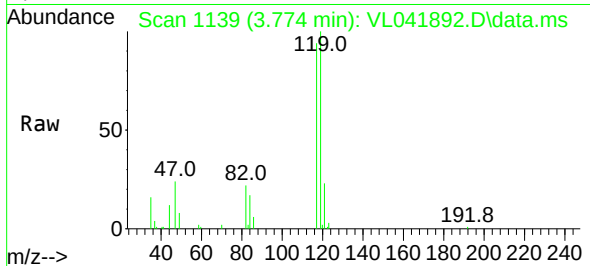




#35
Carbon Tetrachloride
Concen: 0.464 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

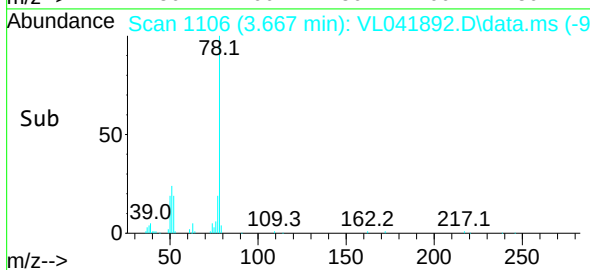
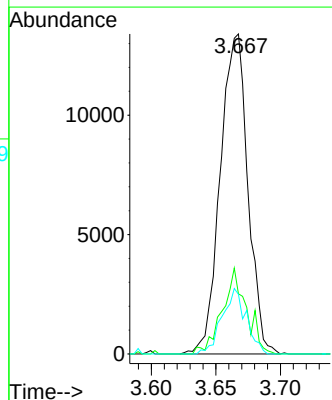
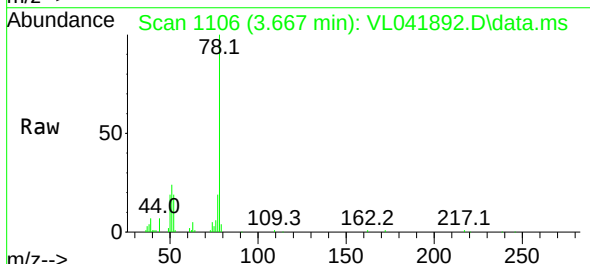
Instrument :
MSVOA_L
ClientSampleId :

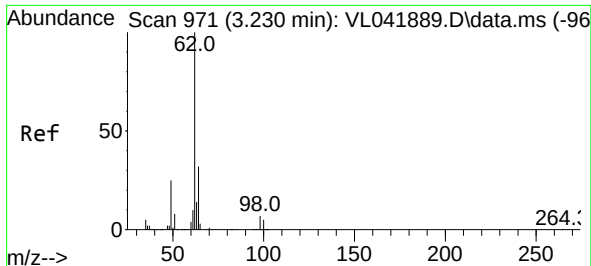
Tgt Ion:117 Resp: 12590
Ion Ratio Lower Upper
117 100
119 107.7 76.9 115.3
121 24.8 23.8 35.6



#36
Benzene
Concen: 0.505 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion: 78 Resp: 19954
Ion Ratio Lower Upper
78 100
77 18.8 18.1 27.1
50 18.7 15.2 22.8





#37

1,2-Dichloroethane

Concen: 0.523 ppbv

RT: 3.227 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Instrument :

MSVOA_L

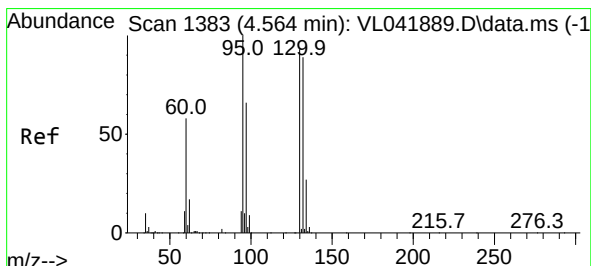
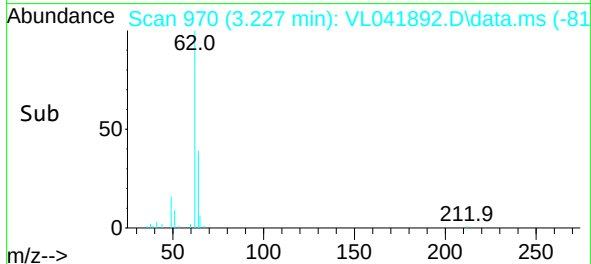
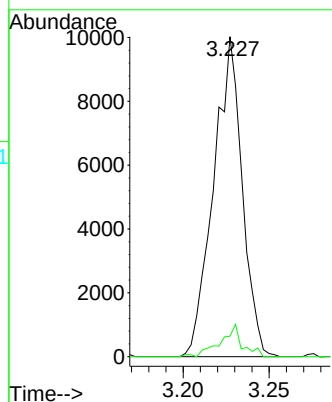
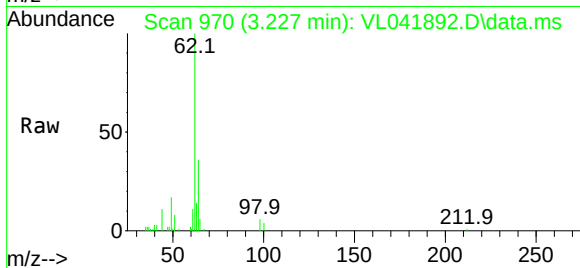
ClientSampleId :

Tgt Ion: 62 Resp: 11613

Ion Ratio Lower Upper

62 100

98 7.6 5.4 8.0



#38

Trichloroethene

Concen: 0.523 ppbv

RT: 4.561 min Scan# 1382

Delta R.T. -0.003 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Tgt Ion:130 Resp: 8199

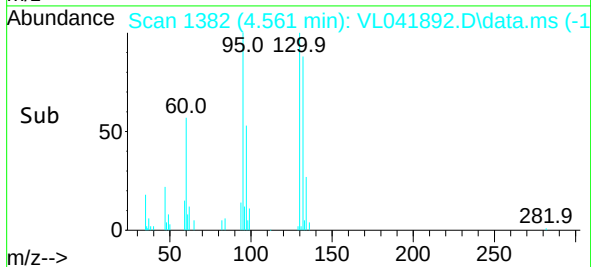
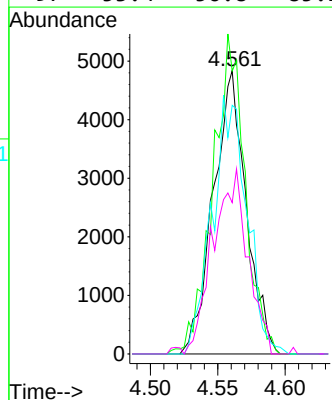
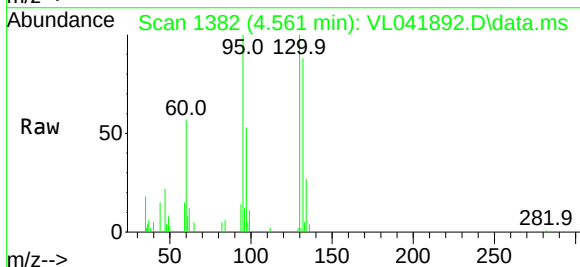
Ion Ratio Lower Upper

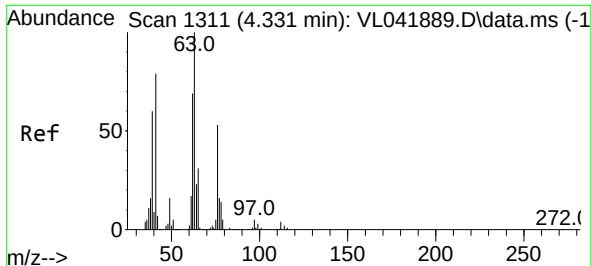
130 100

95 99.8 85.8 128.8

132 87.7 76.5 114.7

97 53.4 56.8 85.2#





#39

1,2-Dichloropropane

Concen: 0.376 ppbv

RT: 4.324 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Instrument :

MSVOA_L

ClientSampleId :

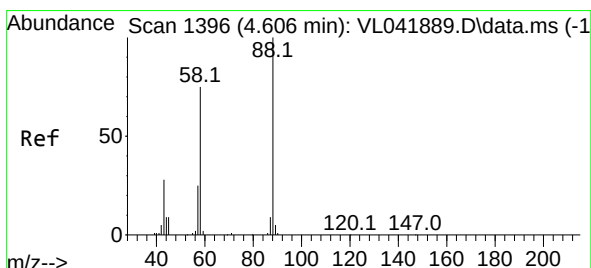
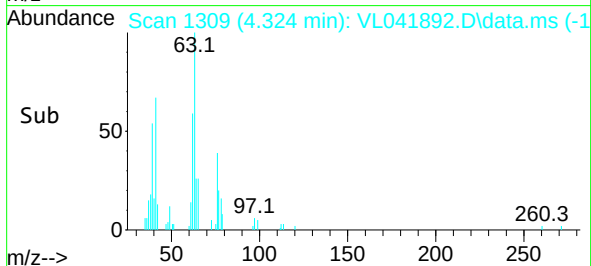
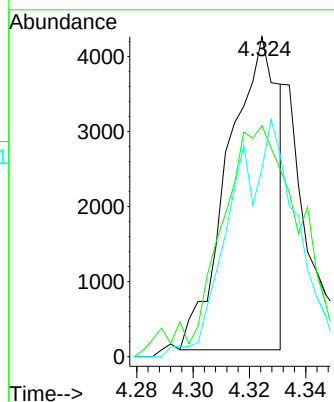
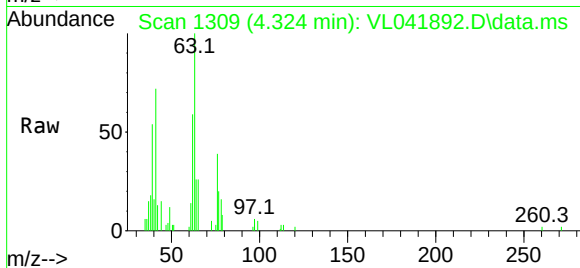
Tgt Ion: 63 Resp: 5219

Ion Ratio Lower Upper

63 100

41 62.6 63.7 95.5#

62 56.6 55.4 83.2



#40

1,4-Dioxane

Concen: 0.329 ppbv

RT: 4.616 min Scan# 1399

Delta R.T. 0.010 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Tgt Ion: 88 Resp: 2300

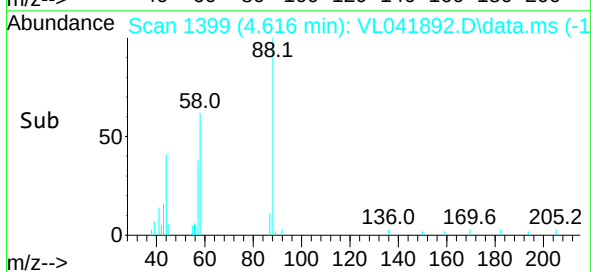
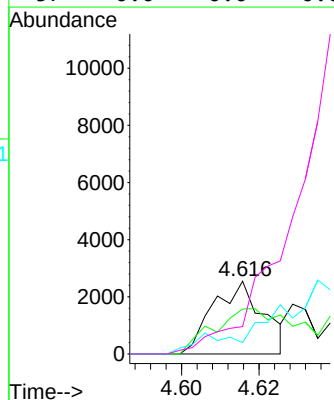
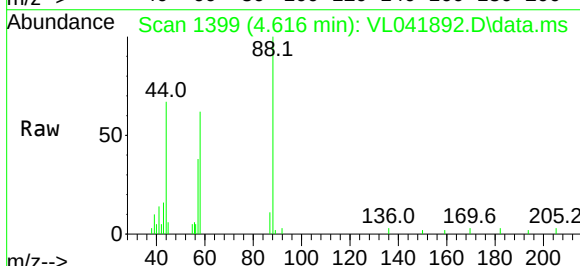
Ion Ratio Lower Upper

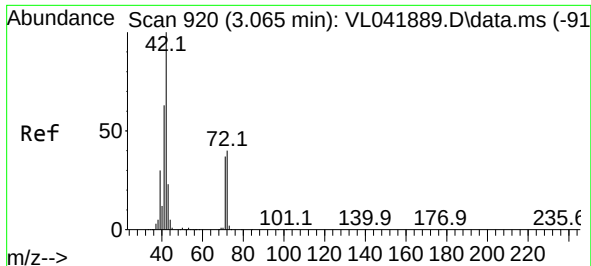
88 100

58 175.5 62.1 93.1#

43 0.0 0.0 0.0

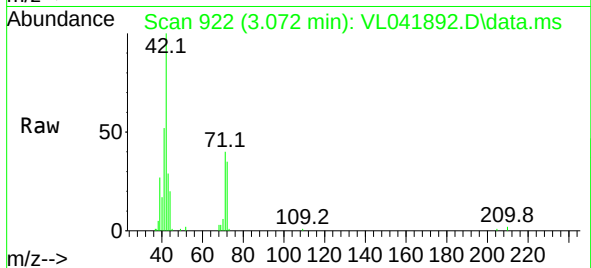
57 0.0 0.0 0.0



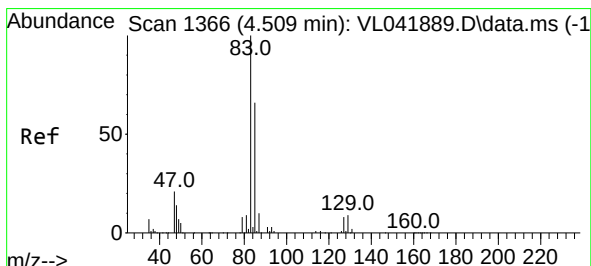
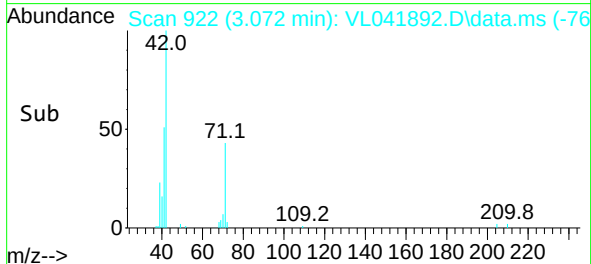
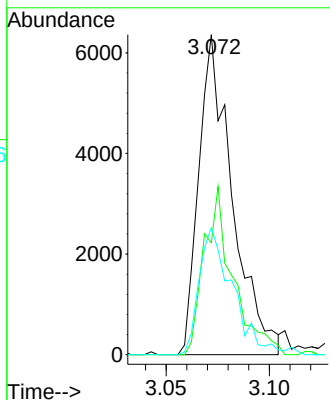


#41
Tetrahydrofuran
Concen: 0.481 ppbv
RT: 3.072 min Scan# 91
Delta R.T. 0.007 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Instrument :
MSVOA_L
ClientSampleId :

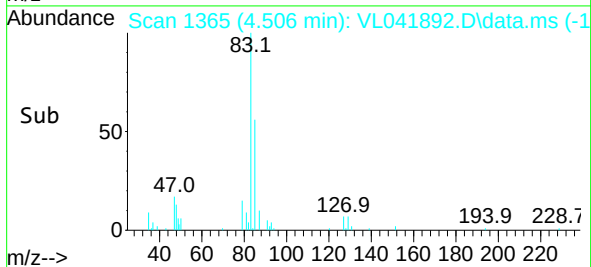
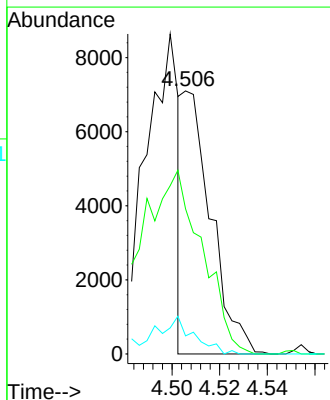
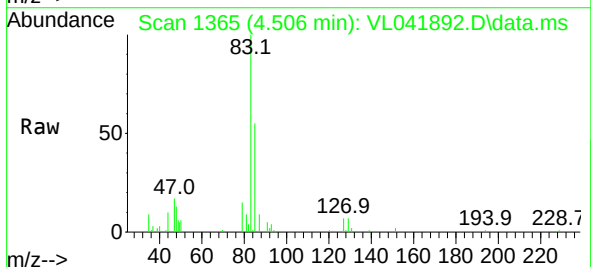


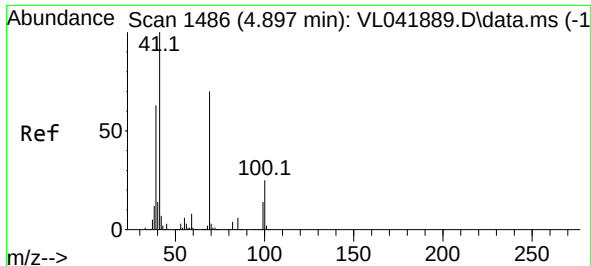
Tgt Ion: 42 Resp: 7183
Ion Ratio Lower Upper
42 100
72 45.5 32.3 48.5
71 39.8 29.9 44.9



#42
Bromodichloromethane
Concen: 0.197 ppbv
RT: 4.506 min Scan# 1365
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion: 83 Resp: 5876
Ion Ratio Lower Upper
83 100
85 55.1 52.6 78.8
127 6.9 6.4 9.6

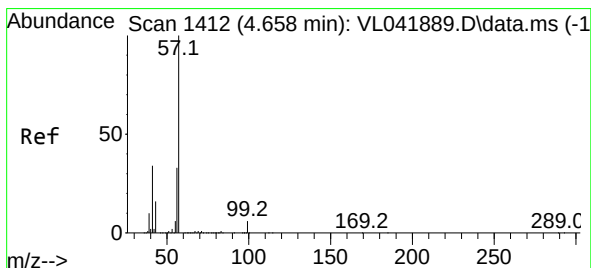
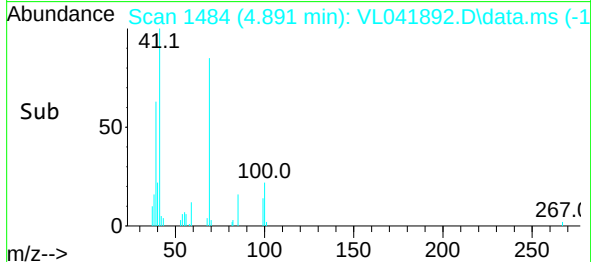
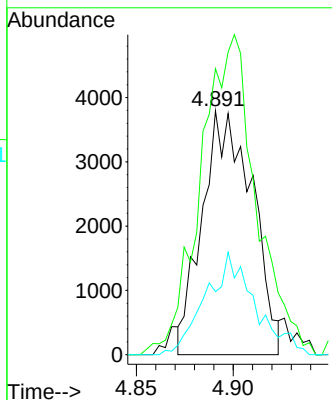
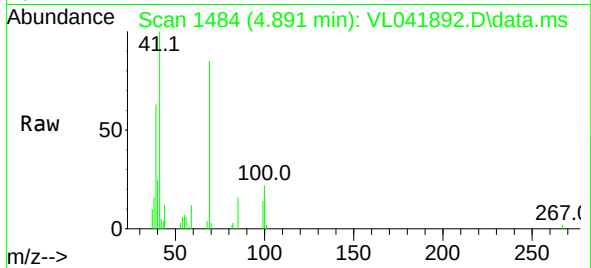




#43
Methyl Methacrylate
Concen: 0.464 ppbv
RT: 4.891 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

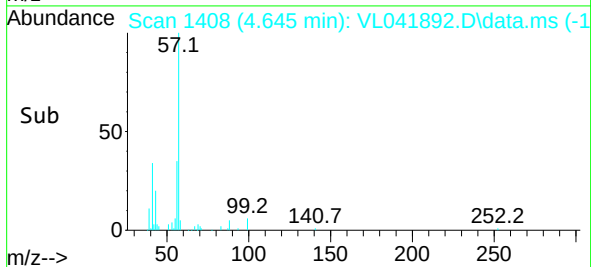
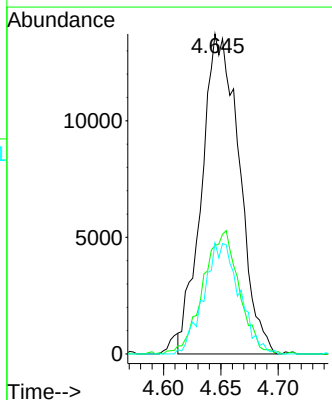
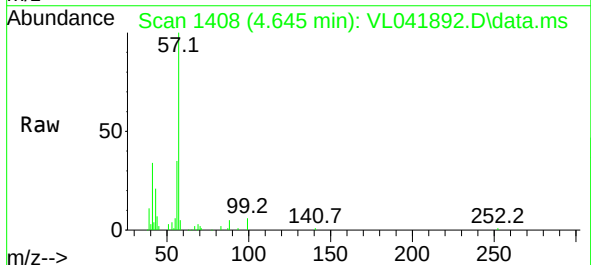
Instrument :
MSVOA_L
ClientSampleId :

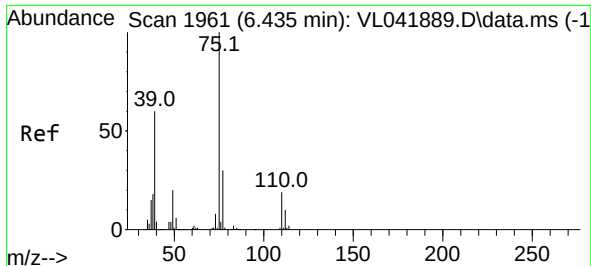
Tgt Ion: 69 Resp: 6816
Ion Ratio Lower Upper
69 100
41 146.2 118.6 177.8
100 41.1 29.3 43.9



#44
2,2,4-Trimethylpentane
Concen: 0.489 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. -0.013 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion: 57 Resp: 31243
Ion Ratio Lower Upper
57 100
41 37.2 26.6 40.0
56 33.1 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 0.445 ppbv

RT: 6.428 min Scan# 1961

Delta R.T. -0.006 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Instrument :

MSVOA_L

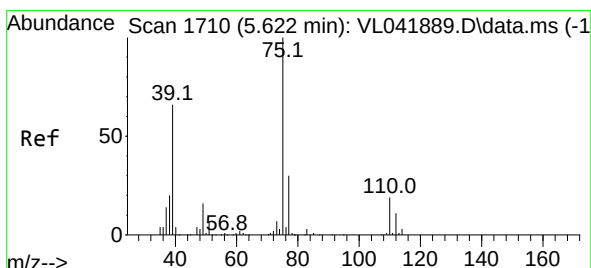
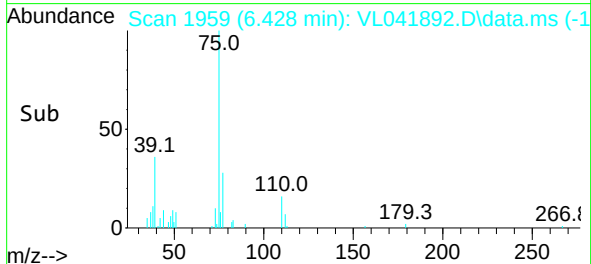
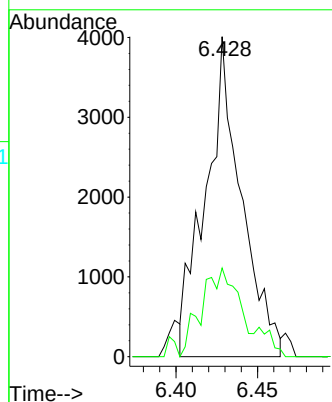
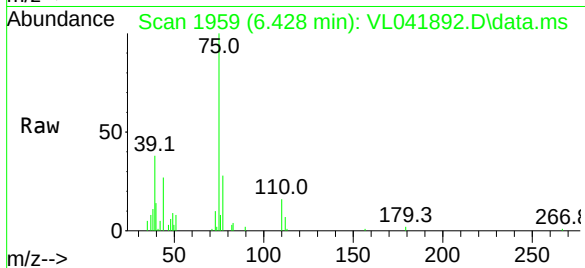
ClientSampleId :

Tgt Ion: 75 Resp: 6121

Ion Ratio Lower Upper

75 100

77 25.6 24.3 36.5



#46

cis-1,3-Dichloropropene

Concen: 0.118 ppbv

RT: 5.609 min Scan# 1706

Delta R.T. -0.013 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

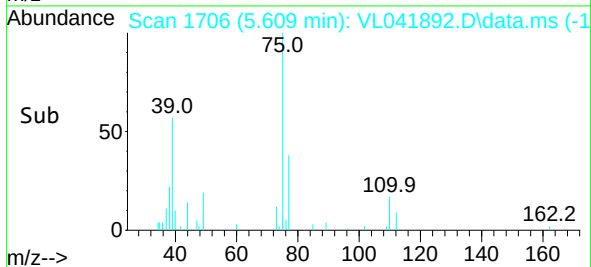
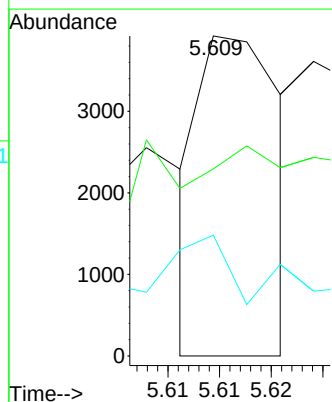
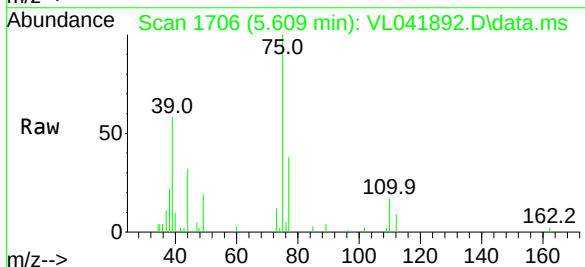
Tgt Ion: 75 Resp: 2134

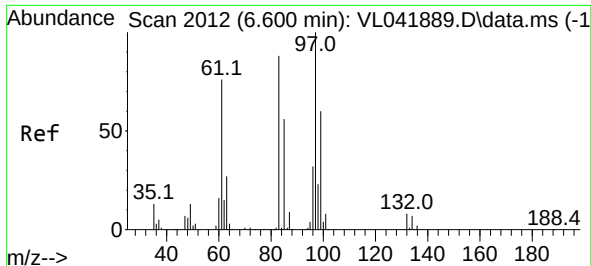
Ion Ratio Lower Upper

75 100

39 14.6 53.1 79.7#

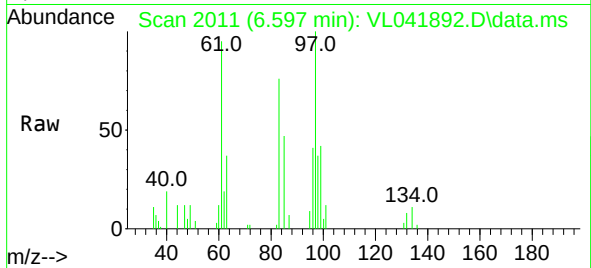
77 21.8 23.8 35.8#



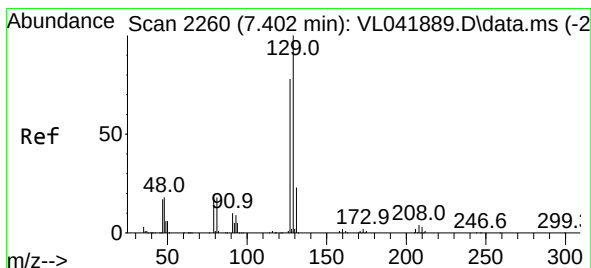
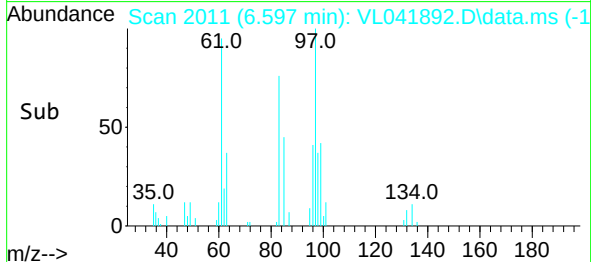
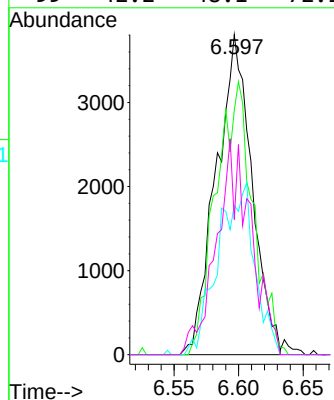


#47
 1,1,2-Trichloroethane
 Concen: 0.498 ppbv
 RT: 6.597 min Scan# 2012
 Delta R.T. -0.003 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30

Instrument :
 MSVOA_L
 ClientSampleId :

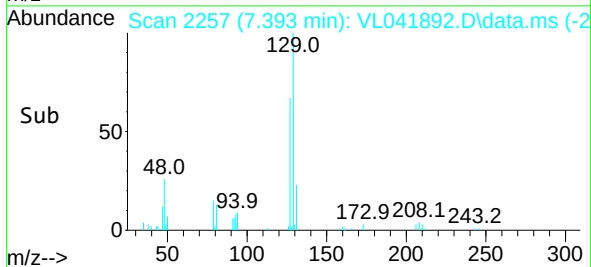
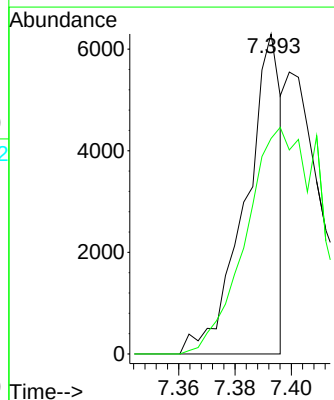
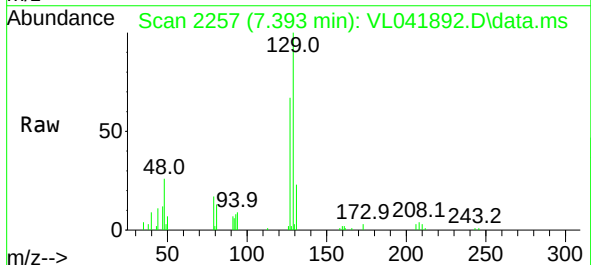


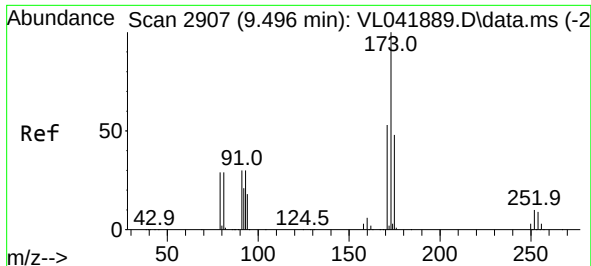
Tgt Ion: 97 Resp: 7324
 Ion Ratio Lower Upper
 97 100
 83 76.3 70.4 105.6
 85 46.7 45.0 67.4
 99 42.2 48.1 72.1#



#48
 Dibromochloromethane
 Concen: 0.245 ppbv
 RT: 7.393 min Scan# 2257
 Delta R.T. -0.010 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30

Tgt Ion: 129 Resp: 5548
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.3 117.8#

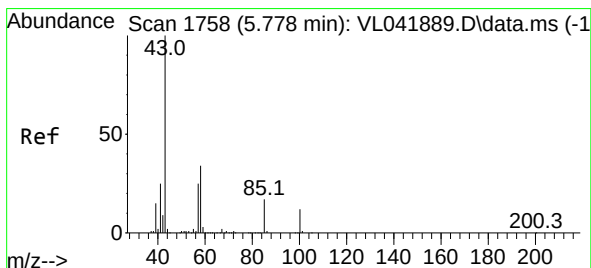
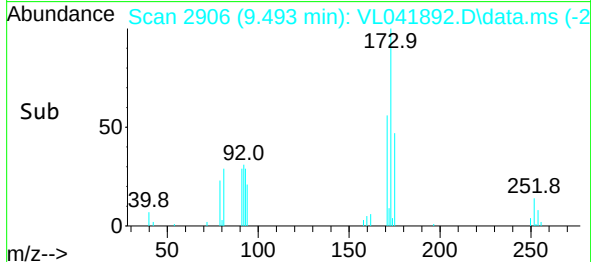
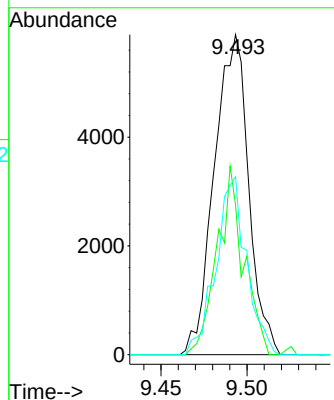
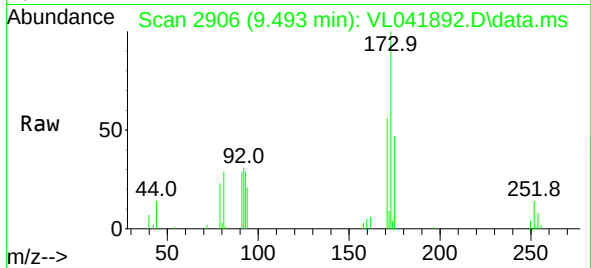




#49
Bromoform
Concen: 0.438 ppbv
RT: 9.493 min Scan# 2907
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

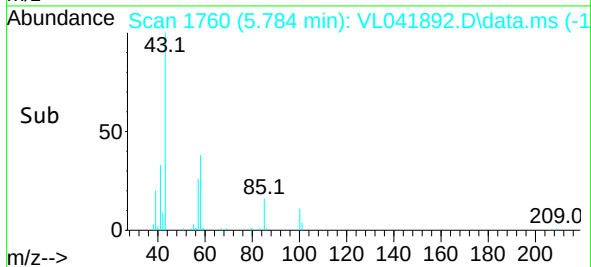
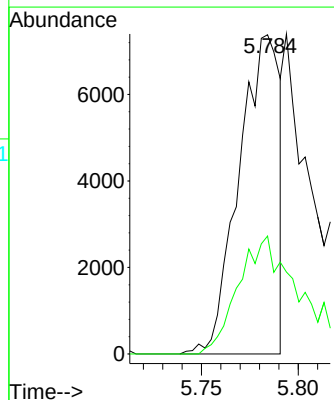
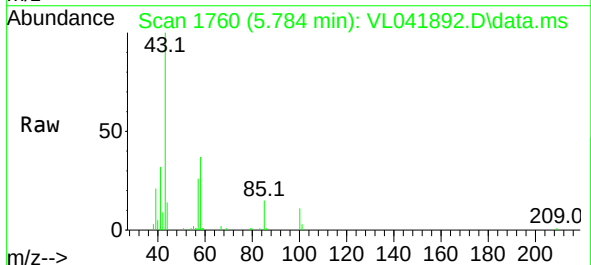
Instrument :
MSVOA_L
ClientSampleId :

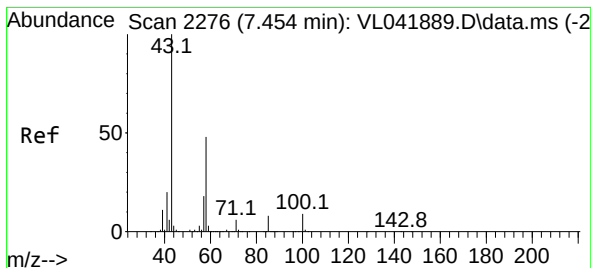
Tgt Ion:173 Resp: 8162
Ion Ratio Lower Upper
173 100
175 46.3 38.4 57.6
171 49.7 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 0.288 ppbv
RT: 5.784 min Scan# 1760
Delta R.T. 0.007 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion: 43 Resp: 10757
Ion Ratio Lower Upper
43 100
58 59.0 29.0 43.6#





#51

2-Hexanone

Concen: 0.466 ppbv

RT: 7.454 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Instrument :

MSVOA_L

ClientSampleId :

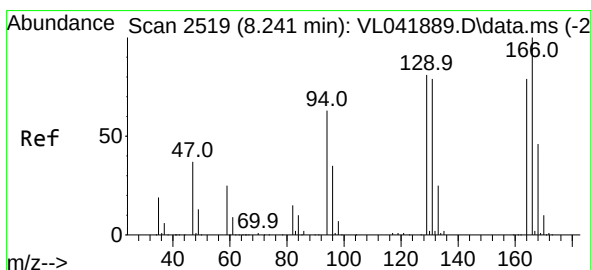
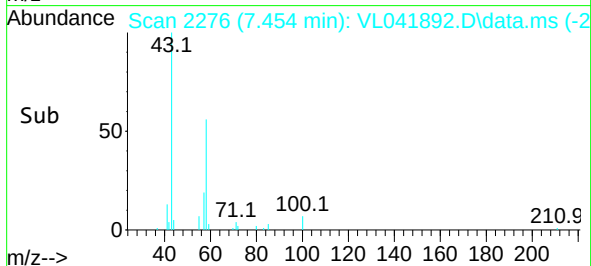
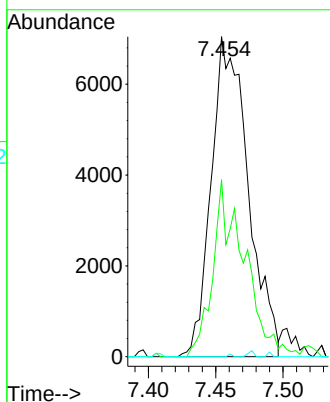
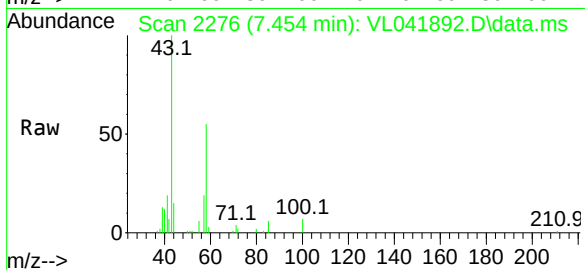
Tgt Ion: 43 Resp: 13390

Ion Ratio Lower Upper

43 100

58 48.5 40.4 60.6

98 0.5 0.2 0.2#



#52

Tetrachloroethene

Concen: 0.302 ppbv

RT: 8.231 min Scan# 2516

Delta R.T. -0.010 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Tgt Ion: 164 Resp: 4136

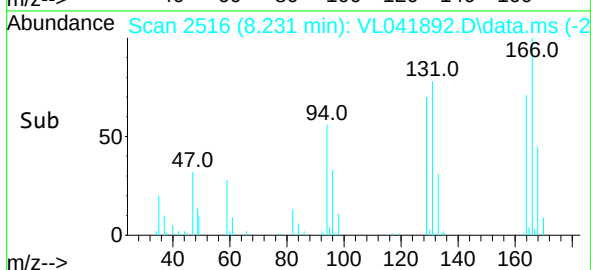
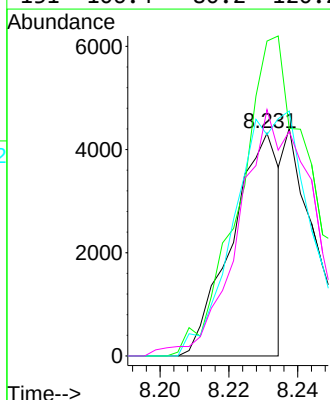
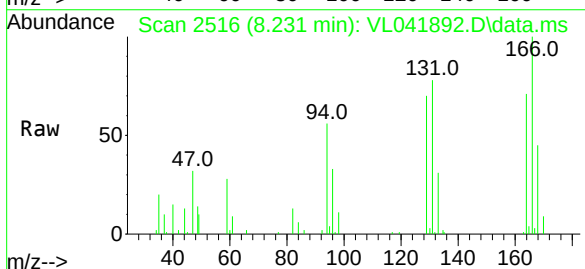
Ion Ratio Lower Upper

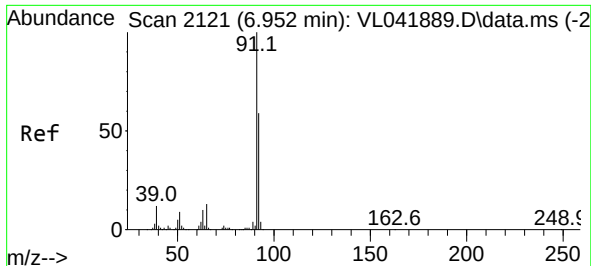
164 100

166 139.7 100.8 151.2

129 99.4 82.0 123.0

131 106.4 80.2 120.2

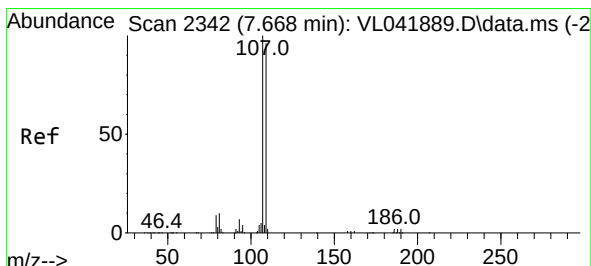
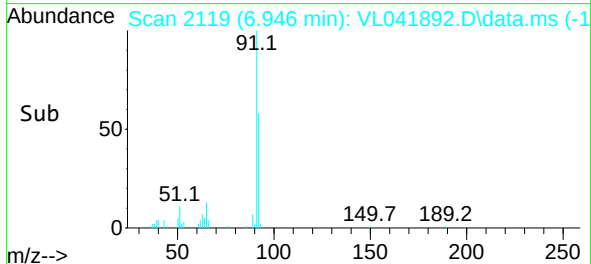
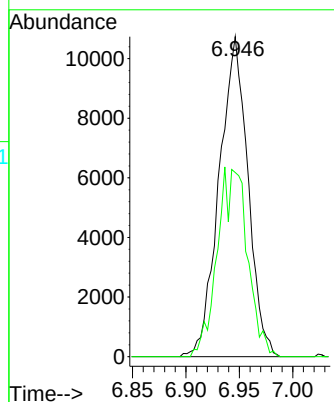
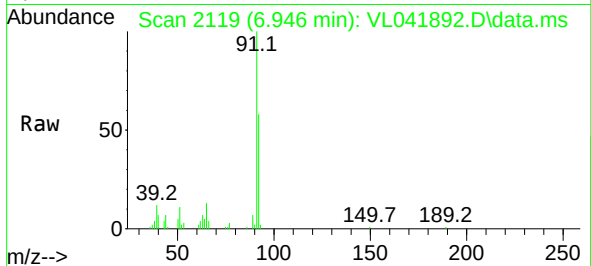




#53
Toluene
Concen: 0.467 ppbv
RT: 6.946 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

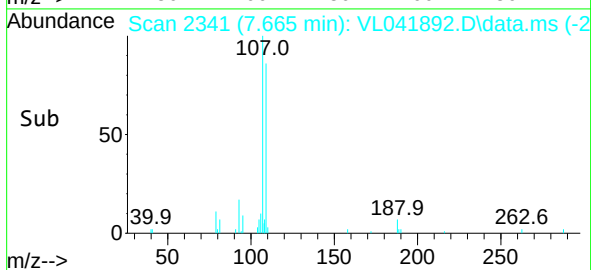
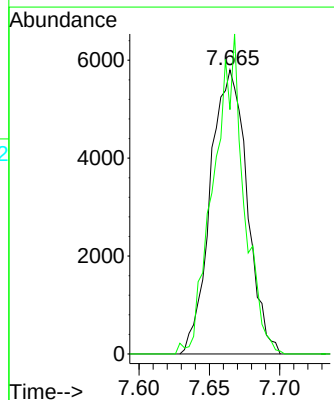
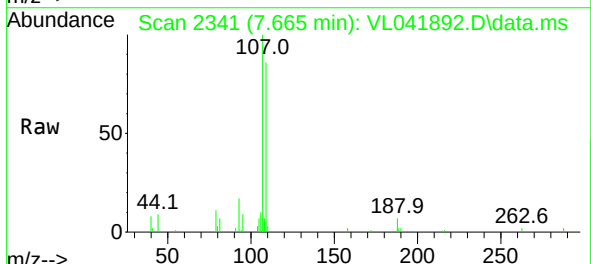
Instrument :
MSVOA_L
ClientSampleId :

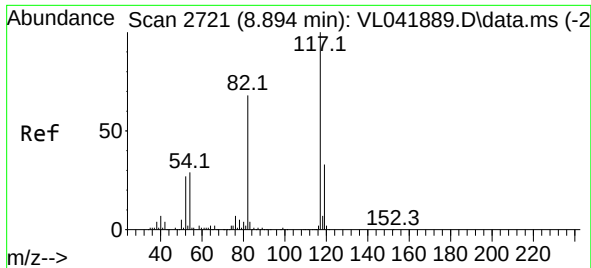
Tgt Ion: 91 Resp: 20118
Ion Ratio Lower Upper
91 100
92 62.3 47.4 71.0



#54
1,2-Dibromoethane
Concen: 0.520 ppbv
RT: 7.665 min Scan# 2341
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion: 107 Resp: 10511
Ion Ratio Lower Upper
107 100
109 85.0 76.7 115.1

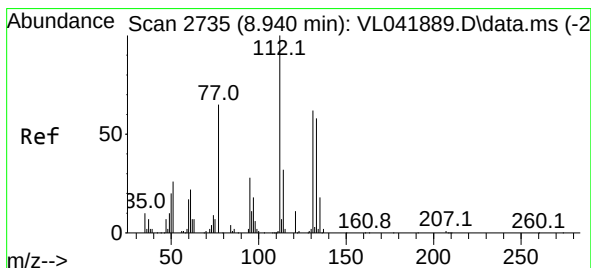
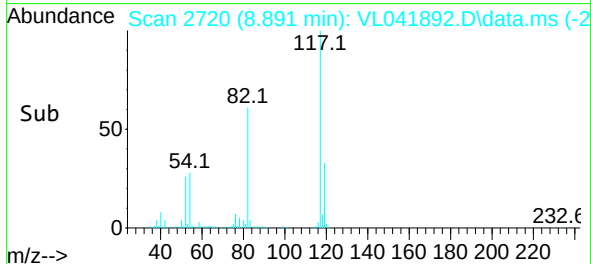
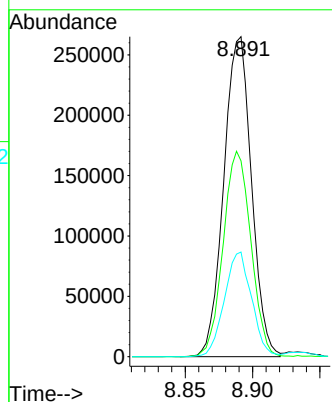
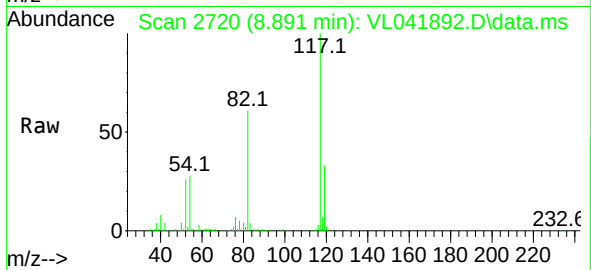




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

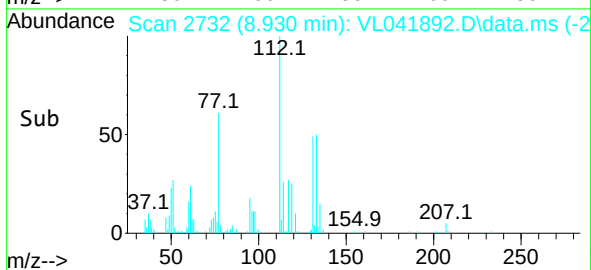
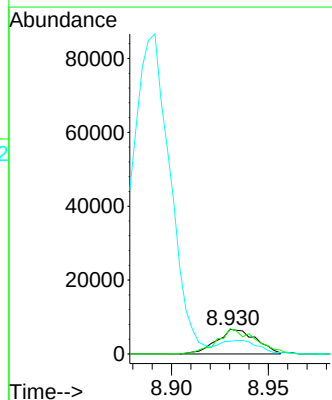
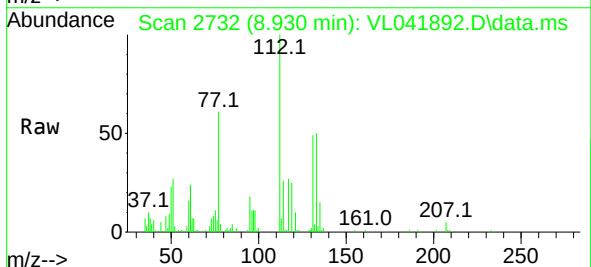
Instrument :
MSVOA_L
ClientSampleId :

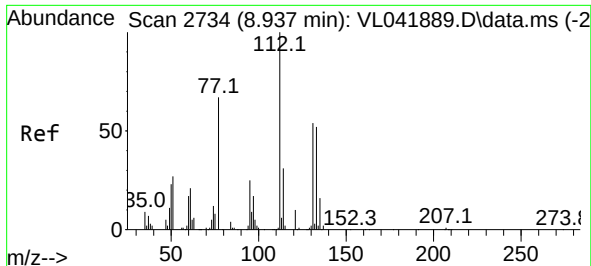
Tgt Ion:117 Resp: 379402
Ion Ratio Lower Upper
117 100
82 64.4 54.2 81.4
119 33.5 25.0 37.6



#56
1,1,1,2-Tetrachloroethane
Concen: 0.503 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. -0.010 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion:131 Resp: 9524
Ion Ratio Lower Upper
131 100
133 99.8 76.0 114.0
119 1332.8 49.7 74.5#

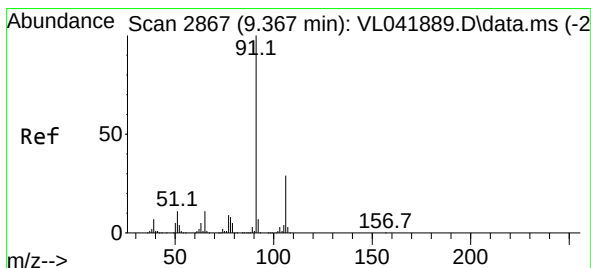
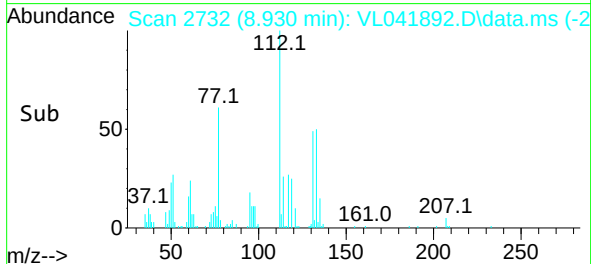
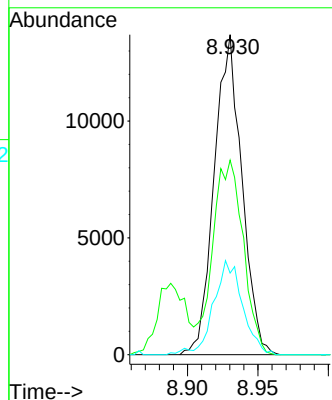
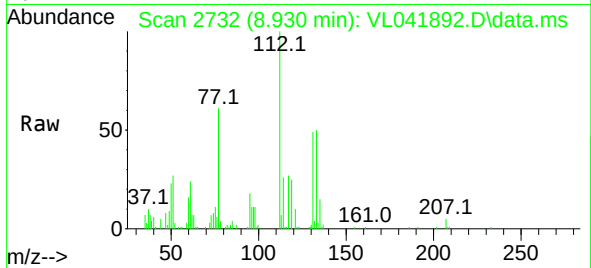




#57
Chlorobenzene
Concen: 0.534 ppbv
RT: 8.930 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

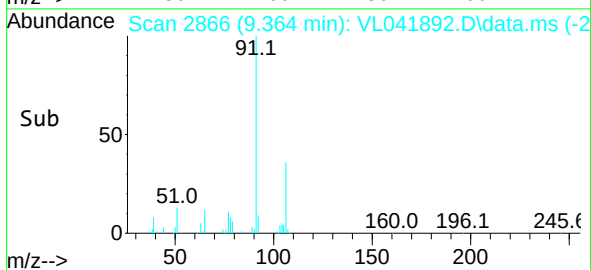
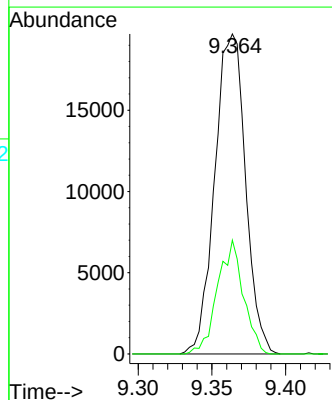
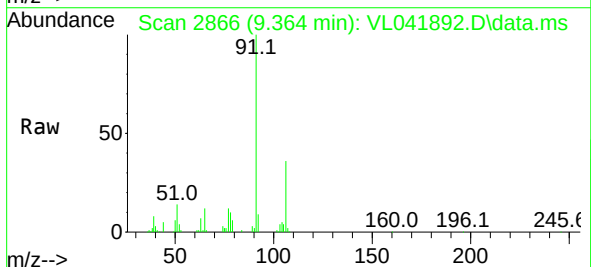
Instrument :
MSVOA_L
ClientSampleId :

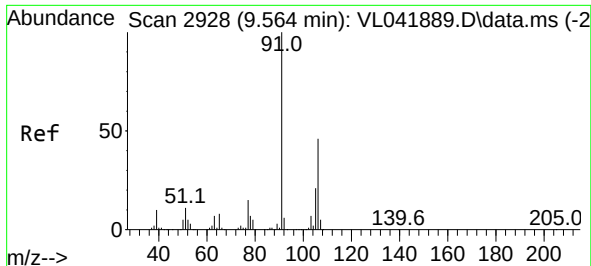
Tgt Ion:112 Resp: 18701
Ion Ratio Lower Upper
112 100
77 60.8 54.6 82.0
114 25.5 28.2 34.4#



#58
Ethyl Benzene
Concen: 0.482 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion: 91 Resp: 28584
Ion Ratio Lower Upper
91 100
106 35.5 23.1 34.7#





#59

m/p-Xylene

Concen: 0.326 ppbv

RT: 9.558 min Scan# 2926

Delta R.T. -0.006 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Instrument :

MSVOA_L

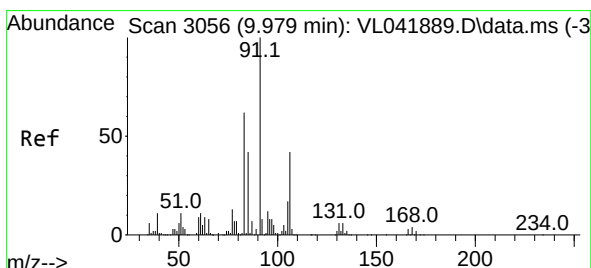
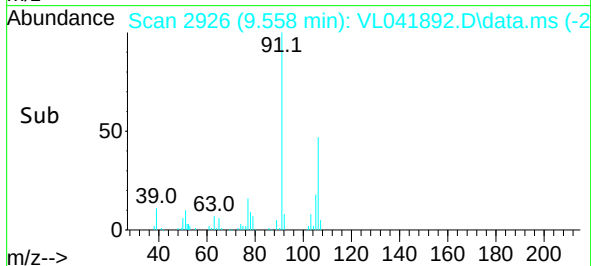
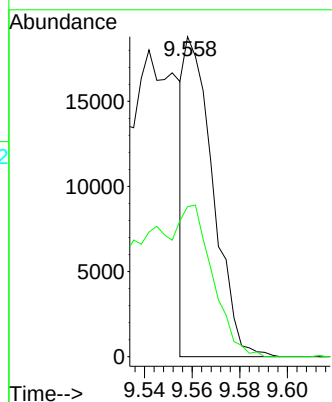
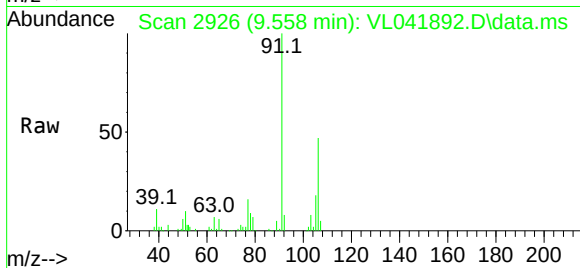
ClientSampleId :

Tgt Ion: 91 Resp: 15504

Ion Ratio Lower Upper

91 100

106 131.9 36.0 54.0#



#60

o-Xylene

Concen: 0.474 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. -0.006 min

Lab File: VL041892.D

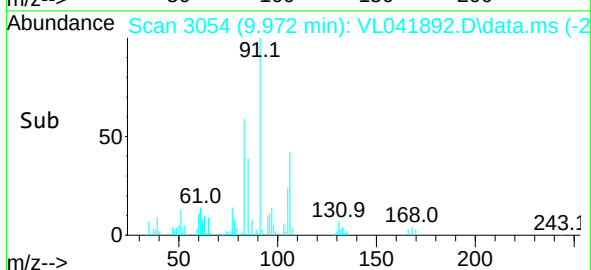
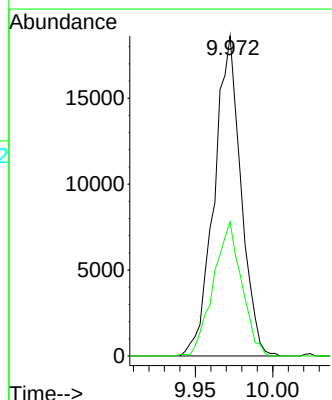
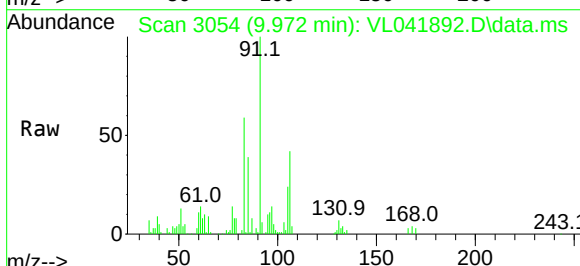
Acq: 14 Jan 2025 14:30

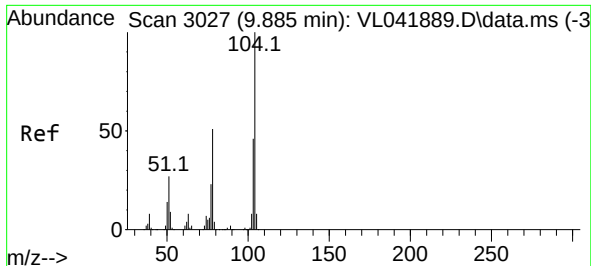
Tgt Ion: 91 Resp: 22370

Ion Ratio Lower Upper

91 100

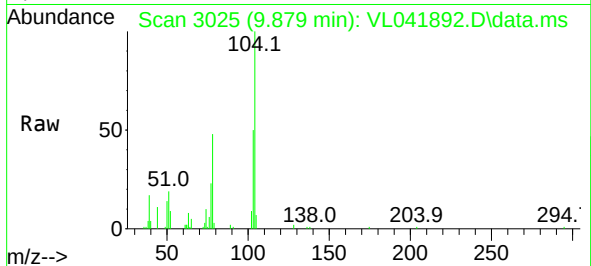
106 44.2 21.3 63.9



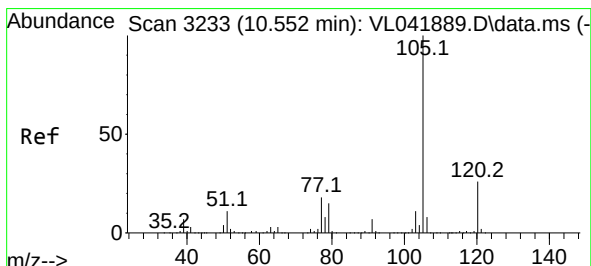
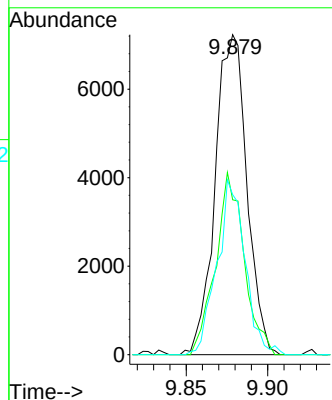
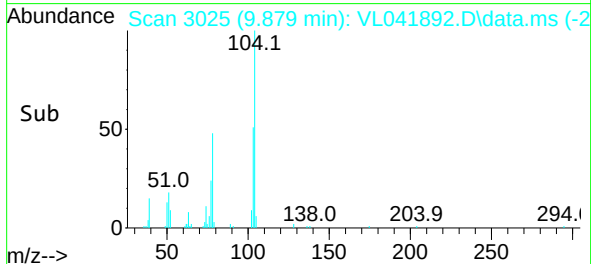


#61
Styrene
Concen: 0.463 ppbv
RT: 9.879 min Scan# 3027
Delta R.T. -0.006 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

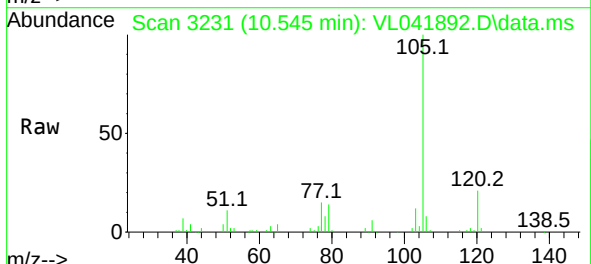
Instrument :
MSVOA_L
ClientSampleId :



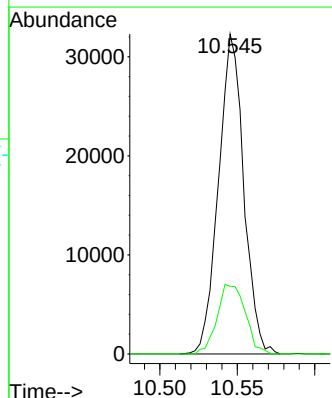
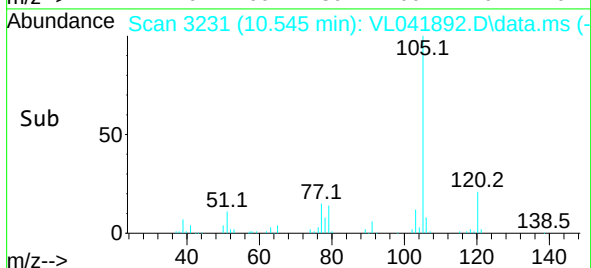
Tgt Ion:104 Resp: 9788
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.6
103 48.2 37.2 55.8

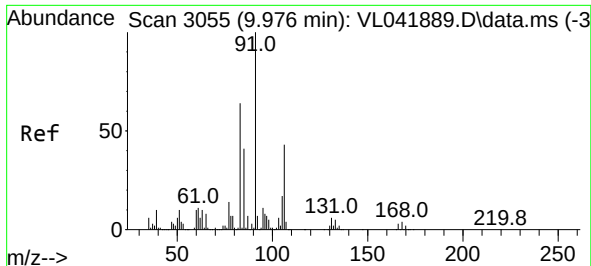


#62
Isopropylbenzene
Concen: 0.501 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.006 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30



Tgt Ion:105 Resp: 36561
Ion Ratio Lower Upper
105 100
120 24.3 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 0.521 ppbv

RT: 9.969 min Scan# 3055

Delta R.T. -0.006 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

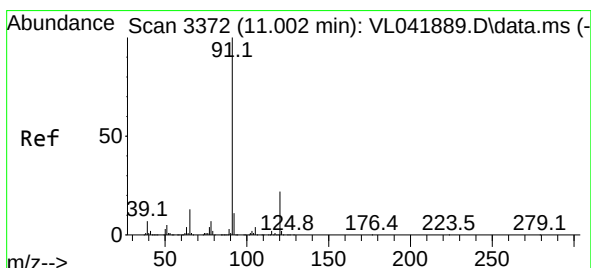
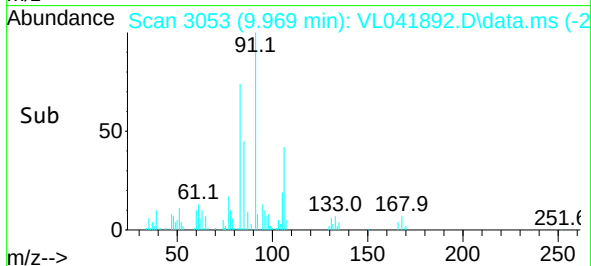
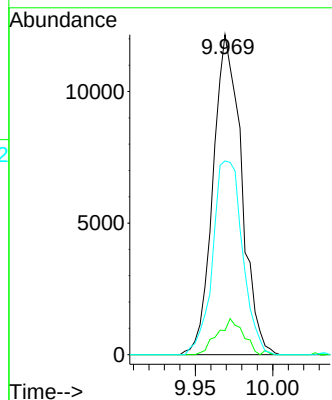
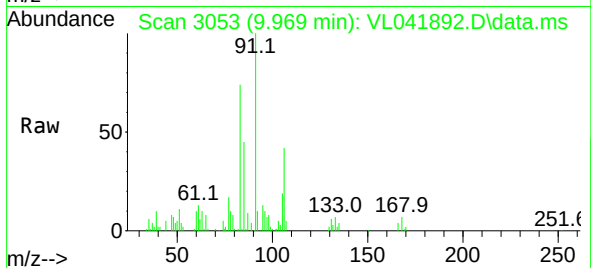
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 83 Resp: 15485

Ion	Ratio	Lower	Upper
83	100		
131	10.5	4.8	14.4
85	63.5	32.4	97.2



#64

n-propylbenzene

Concen: 0.495 ppbv

RT: 10.995 min Scan# 3370

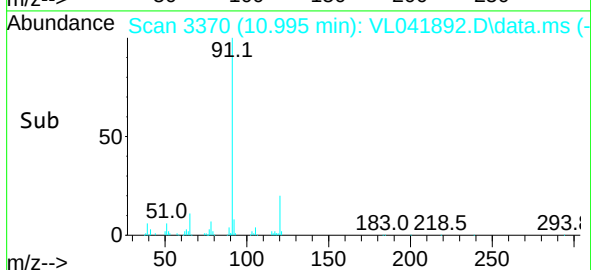
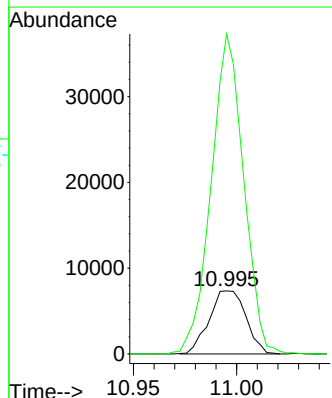
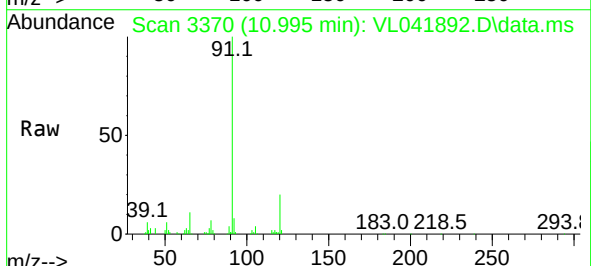
Delta R.T. -0.006 min

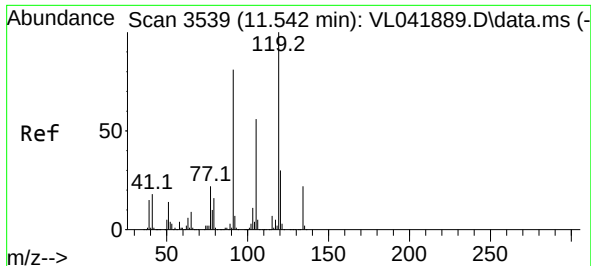
Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Tgt Ion: 120 Resp: 9128

Ion	Ratio	Lower	Upper
120	100		
91	447.9	374.1	561.1

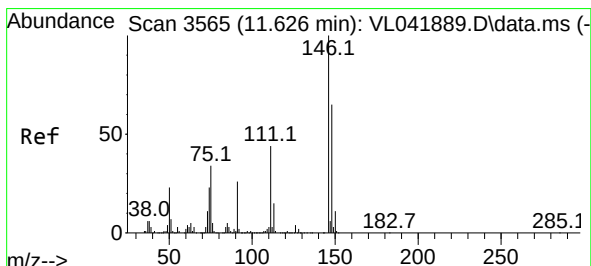
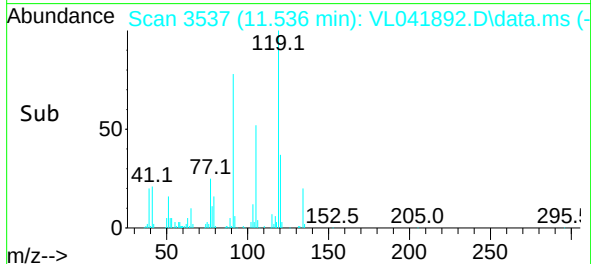
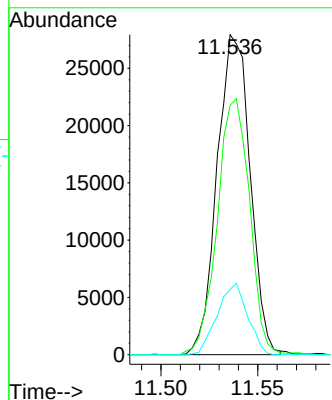
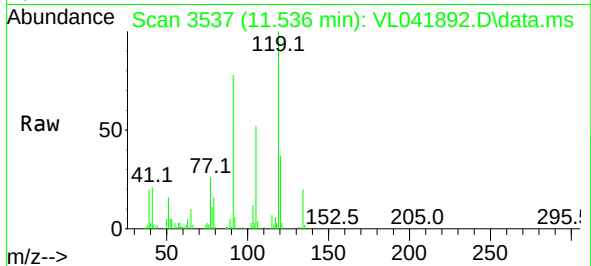




#65
 tert-Butylbenzene
 Concen: 0.498 ppbv
 RT: 11.536 min Scan# 3537
 Delta R.T. -0.006 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30

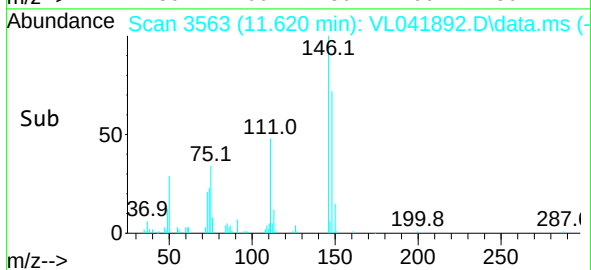
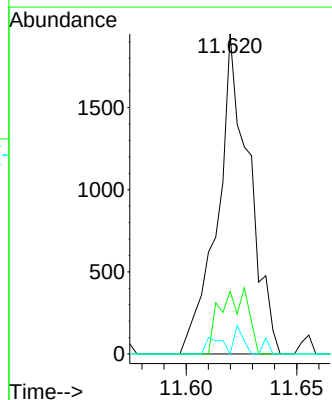
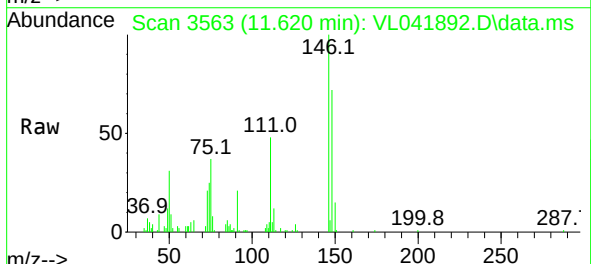
Instrument :
 MSVOA_L
 ClientSampleId :

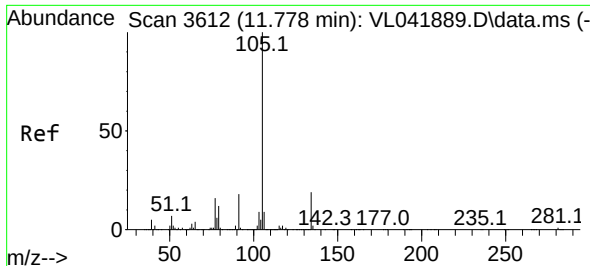
Tgt Ion:119 Resp: 33122
 Ion Ratio Lower Upper
 119 100
 91 78.4 64.6 97.0
 134 20.4 16.8 25.2



#66
 Benzyl Chloride
 Concen: 0.470 ppbv
 RT: 11.620 min Scan# 3563
 Delta R.T. -0.006 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30

Tgt Ion: 91 Resp: 1935
 Ion Ratio Lower Upper
 91 100
 126 17.9 14.1 21.1
 128 6.1 4.3 6.5

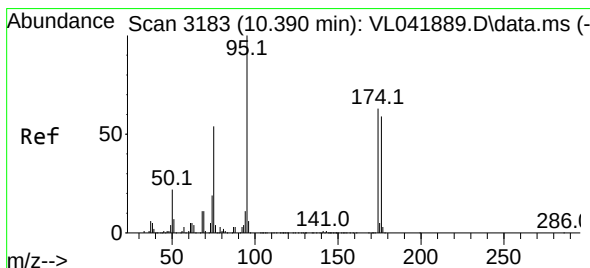
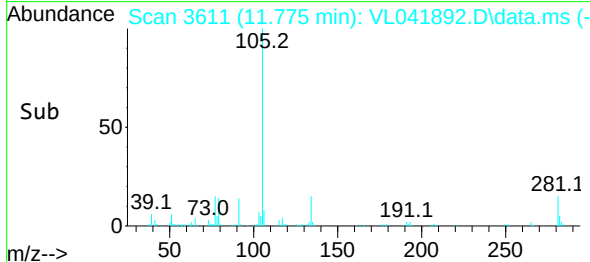
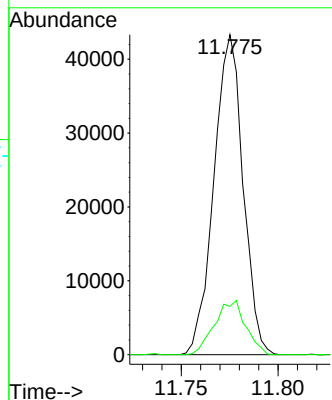
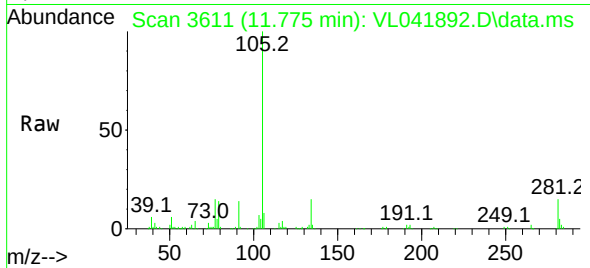




#67
 sec-Butylbenzene
 Concen: 0.495 ppbv
 RT: 11.775 min Scan# 3612
 Delta R.T. -0.003 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30

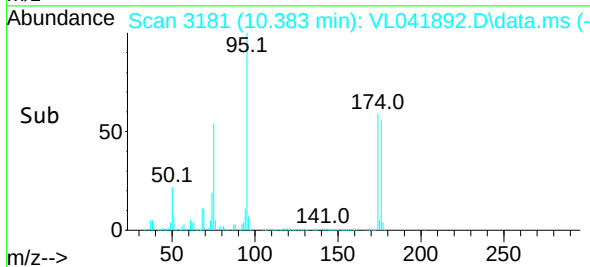
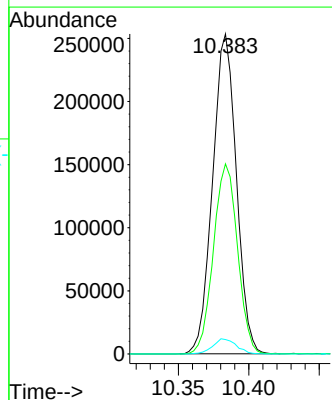
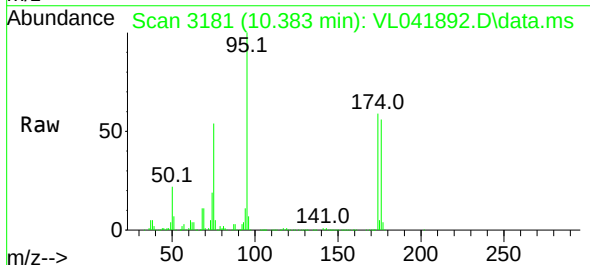
Instrument :
 MSVOA_L
 ClientSampleId :

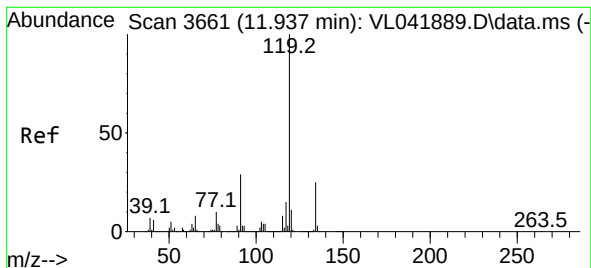
Tgt Ion:105 Resp: 45326
 Ion Ratio Lower Upper
 105 100
 134 18.1 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.954 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. -0.006 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30

Tgt Ion: 95 Resp: 297462
 Ion Ratio Lower Upper
 95 100
 174 60.4 49.0 73.4
 175 4.7 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.466 ppbv

RT: 11.931 min Scan# 3

Delta R.T. -0.006 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

Instrument :

MSVOA_L

ClientSampleId :

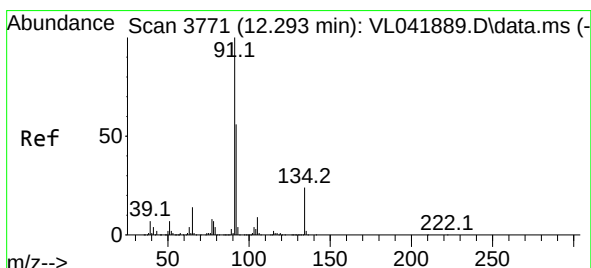
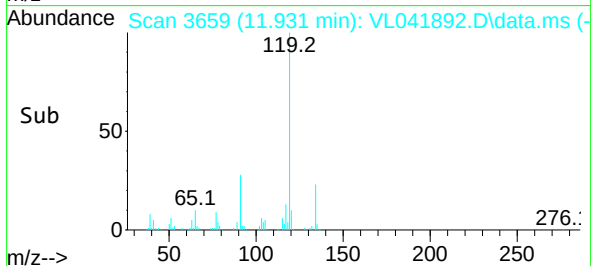
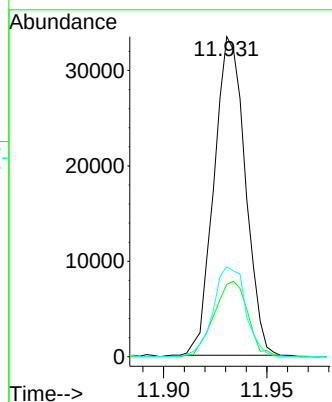
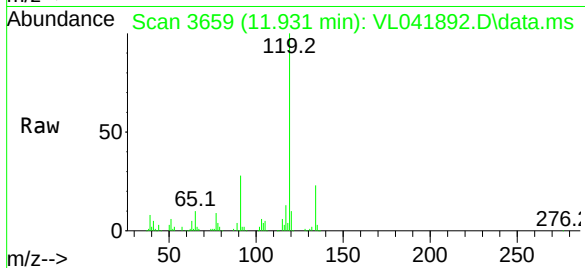
Tgt Ion:119 Resp: 35136

Ion Ratio Lower Upper

119 100

134 25.5 19.8 29.6

91 29.5 23.0 34.4



#70

n-Butylbenzene

Concen: 0.473 ppbv

RT: 12.287 min Scan# 3769

Delta R.T. -0.006 min

Lab File: VL041892.D

Acq: 14 Jan 2025 14:30

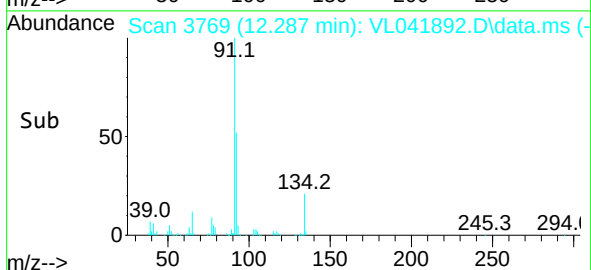
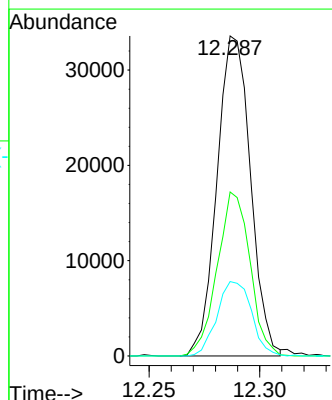
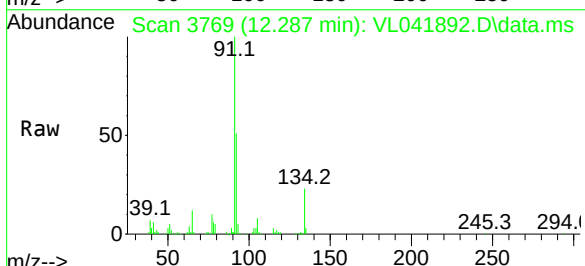
Tgt Ion: 91 Resp: 35409

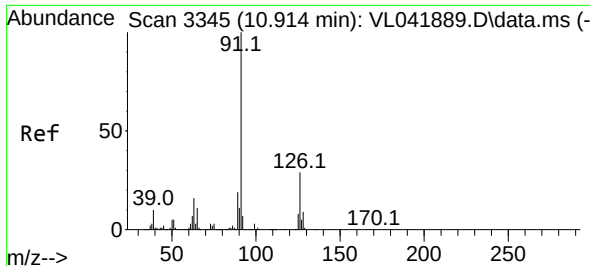
Ion Ratio Lower Upper

91 100

92 50.1 43.8 65.6

134 23.9 19.0 28.6

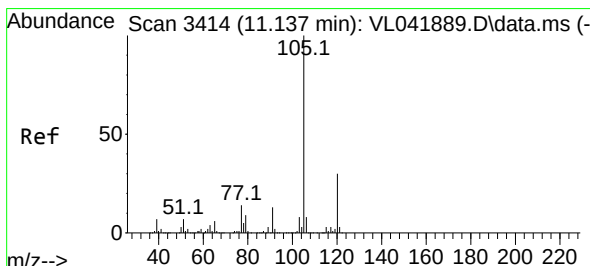
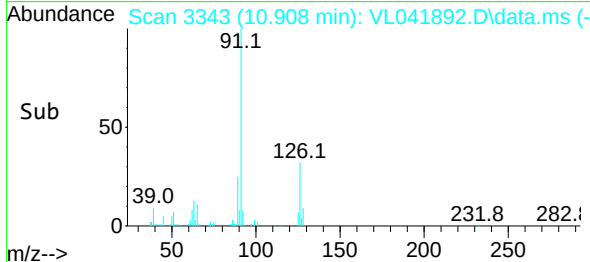
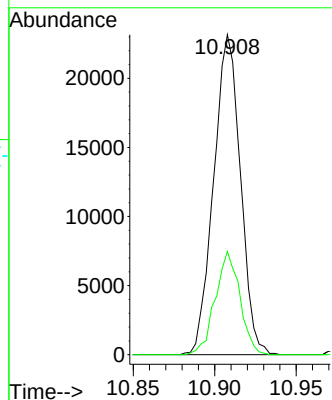
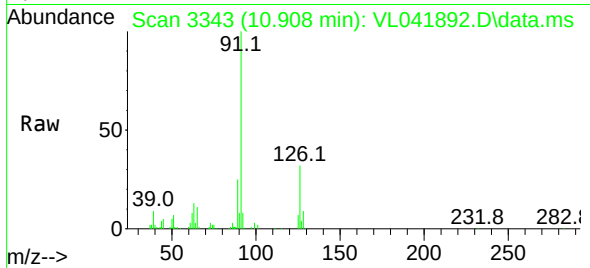




#71
2-Chlorotoluene
Concen: 0.490 ppbv
RT: 10.908 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

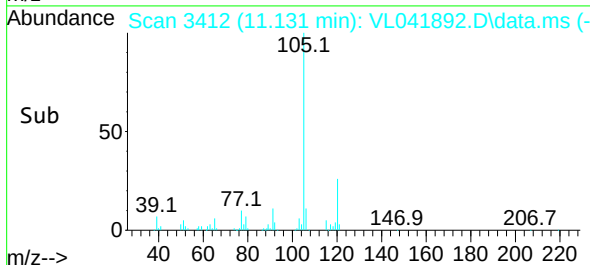
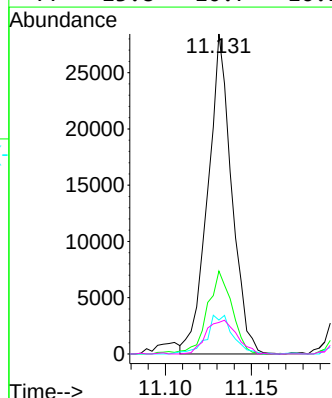
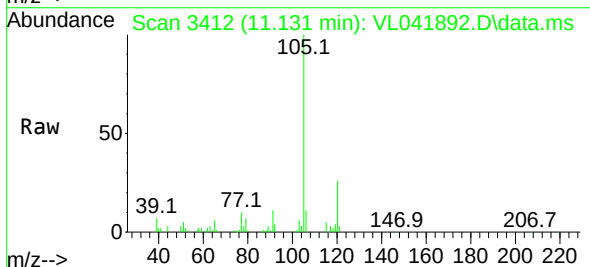
Instrument :
MSVOA_L
ClientSampleId :

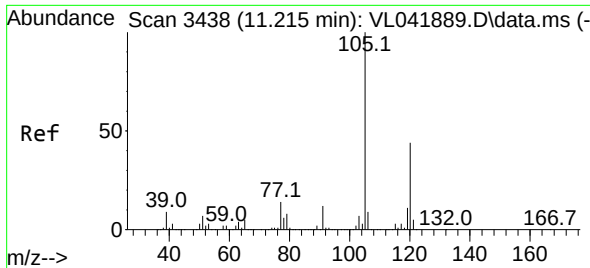
Tgt Ion: 91 Resp: 26436
Ion Ratio Lower Upper
91 100
126 29.7 11.7 46.7



#72
4-Ethyltoluene
Concen: 0.485 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.006 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion:105 Resp: 27363
Ion Ratio Lower Upper
105 100
120 27.1 23.7 35.5
91 13.3 10.2 15.2
77 13.8 10.7 16.1

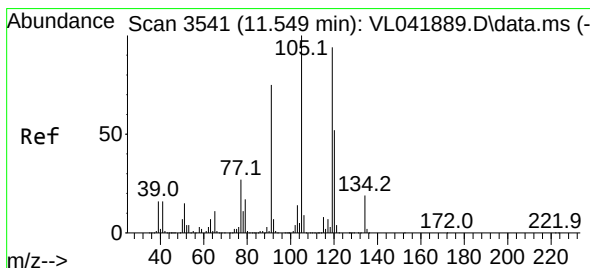
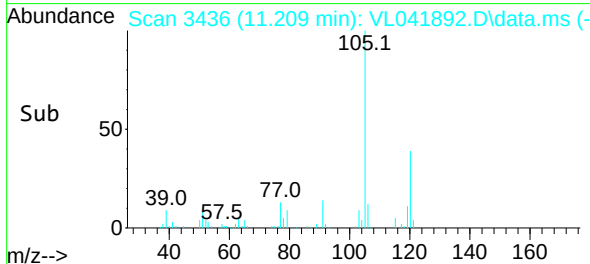
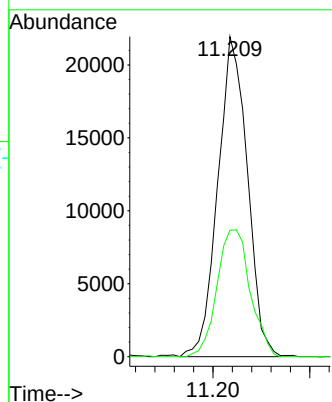
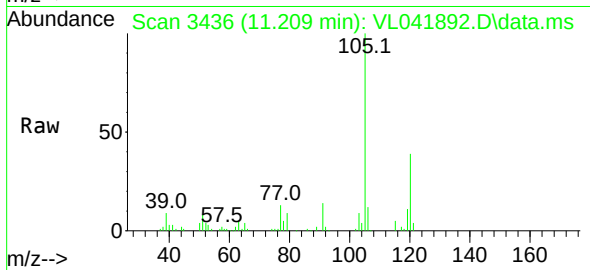




#73
1,3,5-Trimethylbenzene
Concen: 0.465 ppbv
RT: 11.209 min Scan# 3438
Delta R.T. -0.006 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

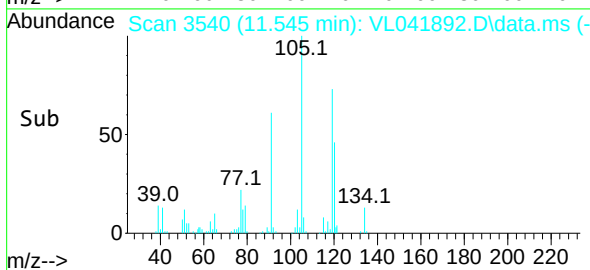
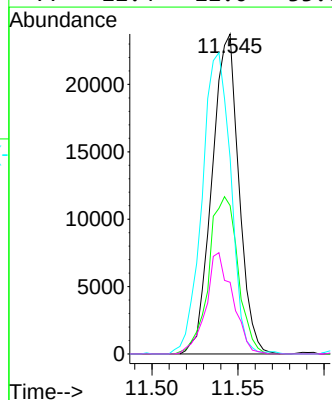
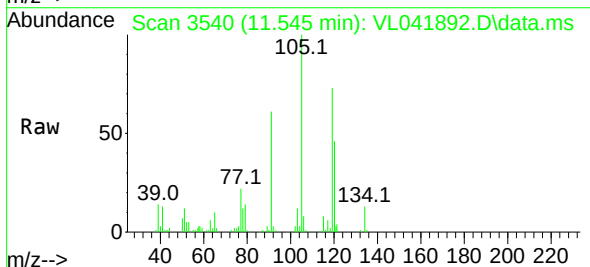
Instrument :
MSVOA_L
ClientSampleId :

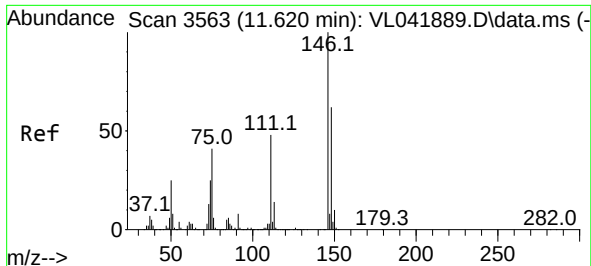
Tgt Ion:105 Resp: 23183
Ion Ratio Lower Upper
105 100
120 39.5 35.4 53.2



#74
1,2,4-Trimethylbenzene
Concen: 0.478 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion:105 Resp: 25777
Ion Ratio Lower Upper
105 100
120 49.7 41.4 62.2
91 61.0 60.2 90.2
77 22.4 22.0 33.0

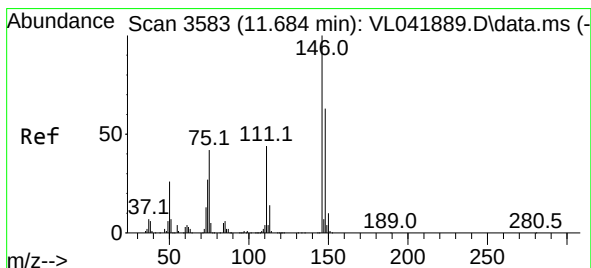
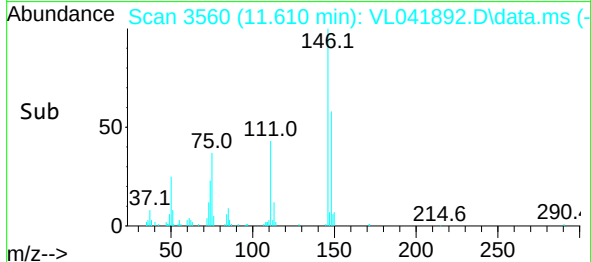
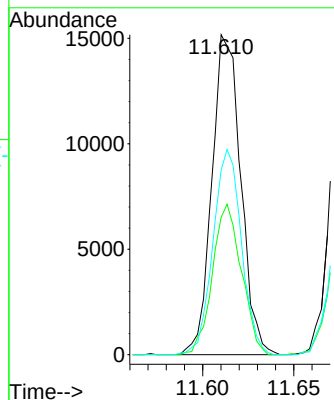
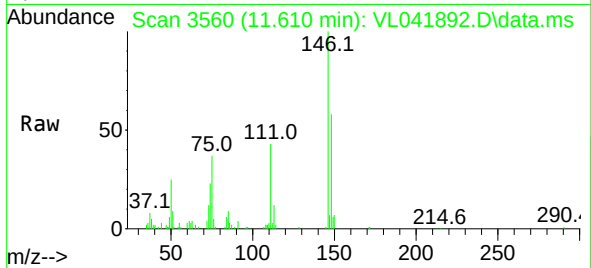




#75
1,3-Dichlorobenzene
Concen: 0.522 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.010 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

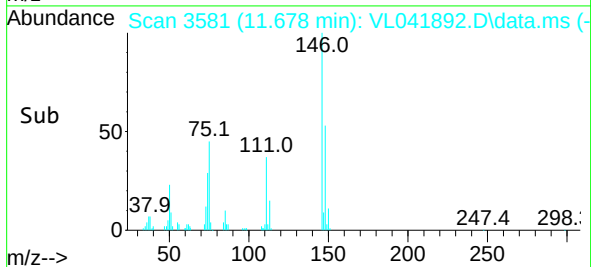
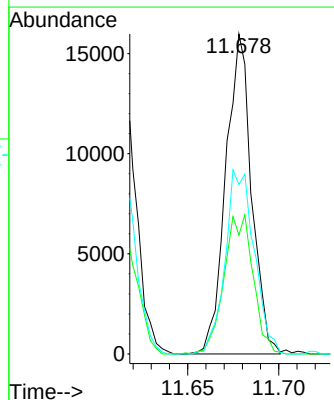
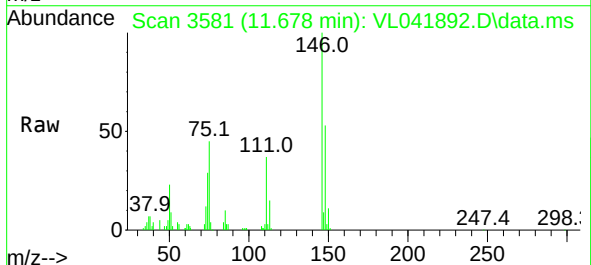
Instrument :
MSVOA_L
ClientSampleId :

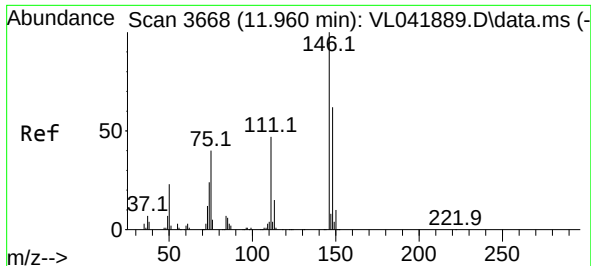
Tgt Ion:146 Resp: 16708
Ion Ratio Lower Upper
146 100
111 47.2 23.6 70.8
148 63.2 31.4 94.0



#76
1,4-Dichlorobenzene
Concen: 0.503 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.006 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion:146 Resp: 15738
Ion Ratio Lower Upper
146 100
111 48.9 22.4 67.0
148 64.9 31.9 95.5

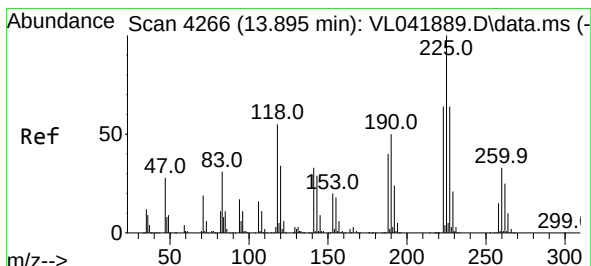
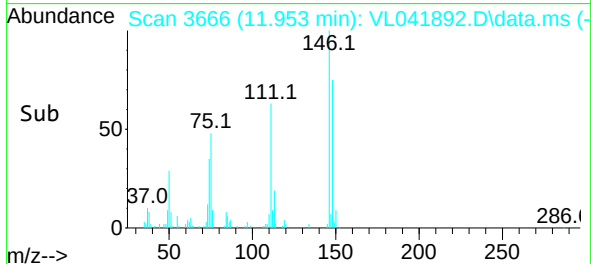
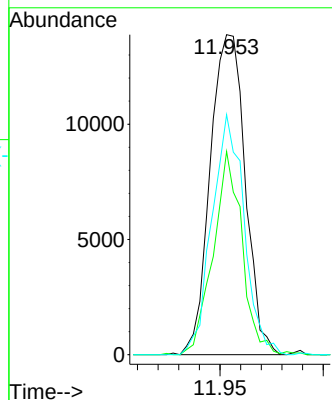
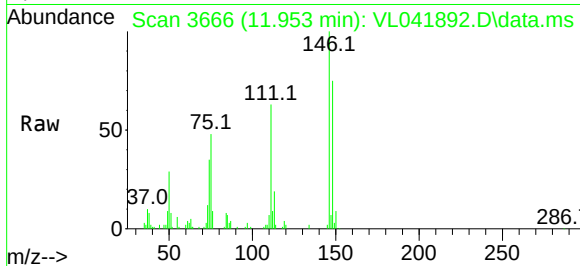




#77
1,2-Dichlorobenzene
Concen: 0.516 ppbv
RT: 11.953 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

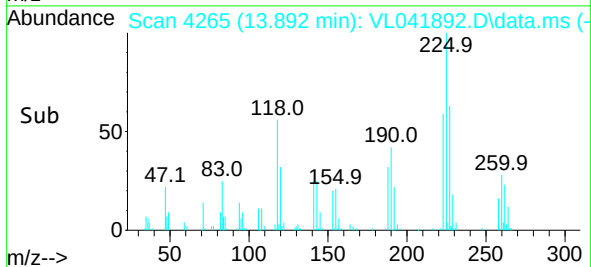
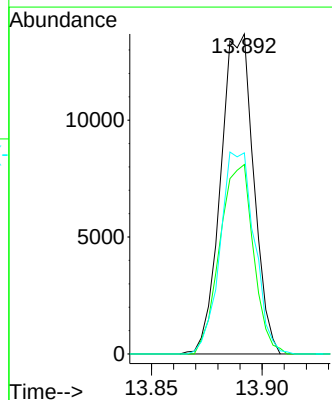
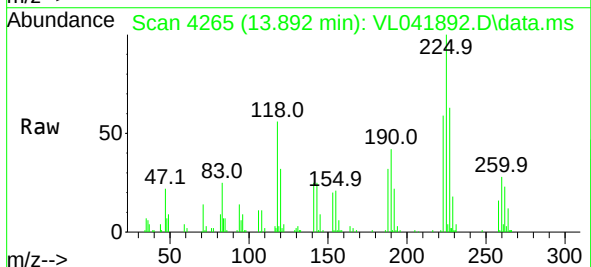
Instrument :
MSVOA_L
ClientSampleId :

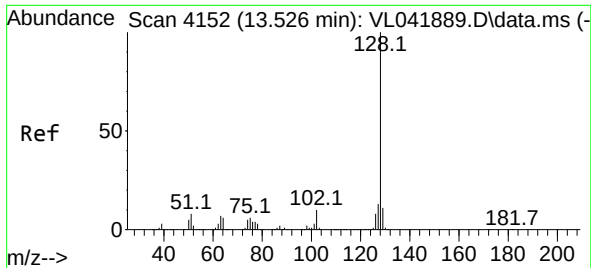
Tgt Ion:146 Resp: 16364
Ion Ratio Lower Upper
146 100
111 52.4 24.2 72.6
148 69.0 31.7 95.1



#78
Hexachloro-1,3-Butadiene
Concen: 0.544 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

Tgt Ion:225 Resp: 14162
Ion Ratio Lower Upper
225 100
223 60.4 50.8 76.2
227 65.6 50.3 75.5

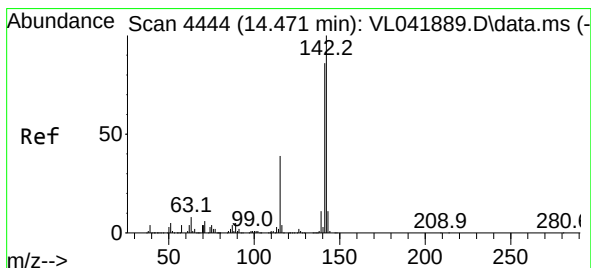
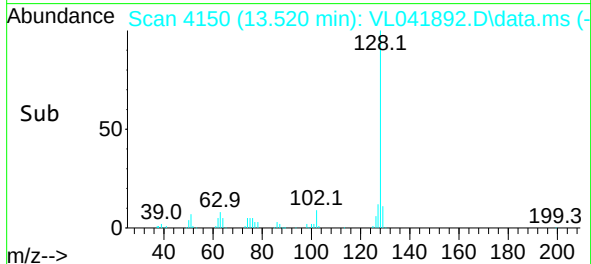
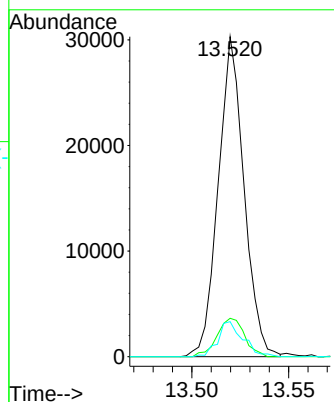
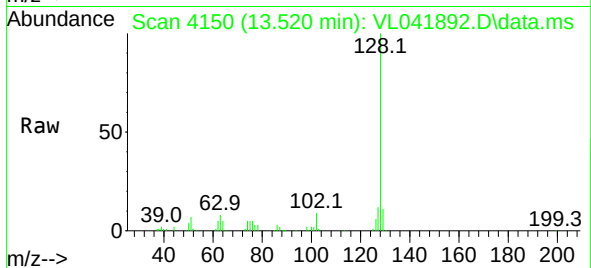




#79
Naphthalene
Concen: 0.516 ppbv
RT: 13.520 min Scan# 4152
Delta R.T. -0.006 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

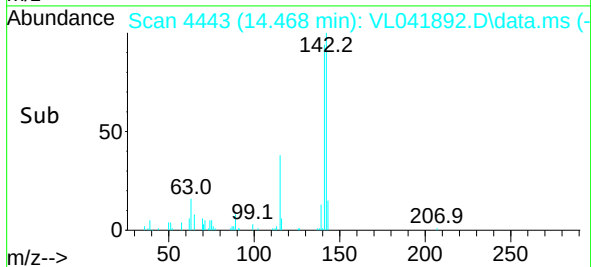
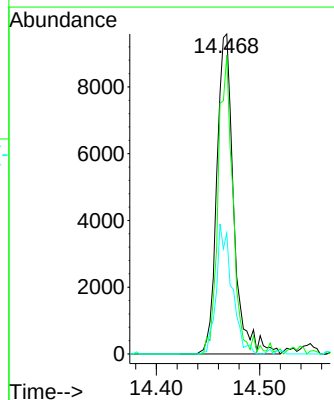
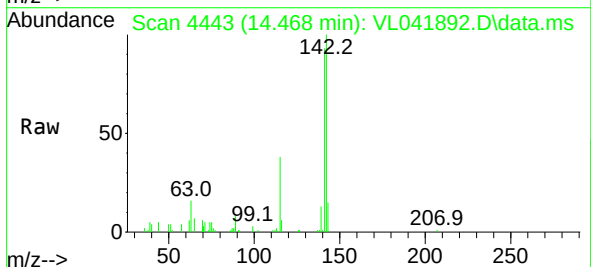
Instrument :
MSVOA_L
ClientSampleId :

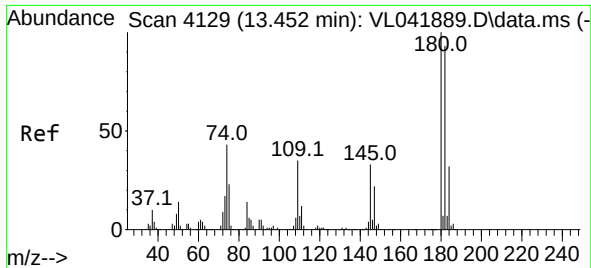
Tgt Ion:128 Resp: 28052
Ion Ratio Lower Upper
128 100
127 12.0 10.2 15.4
129 11.0 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 0.422 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. -0.003 min
Lab File: VL041892.D
Acq: 14 Jan 2025 14:30

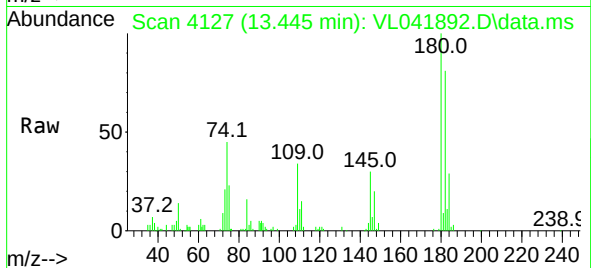
Tgt Ion:142 Resp: 10859
Ion Ratio Lower Upper
142 100
141 81.1 68.1 102.1
115 38.6 31.7 47.5





#81
 1,2,4-Trichlorobenzene
 Concen: 0.533 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL041892.D
 Acq: 14 Jan 2025 14:30

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	180	Resp:	14136
Ion	Ratio	Lower	Upper
180	100		
182	90.4	77.0	115.6
184	31.7	24.9	37.3

