

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041888.D
 Acq On : 14 Jan 2025 11:40
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 14 21:19:53 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	2.794	49	151983	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	455570	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	395574	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	317243	10.182	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	11222	0.542	ppbv	97
3) Chlorodifluoromethane	1.476	51	11427	0.527	ppbv	98
4) Chloromethane	1.534	50	4633	0.595	ppbv #	88
5) Vinyl Chloride	1.583	62	4109	0.521	ppbv	90
6) Bromomethane	1.670	94	1954	0.520	ppbv #	77
7) Chloroethane	1.709	64	1671	0.545	ppbv	100
8) Dichlorotetrafluoroethane	1.557	85	8917	0.493	ppbv	99
9) Propene	1.486	41	4949	0.554	ppbv	91
10) Heptane	4.994	43	11425	0.478	ppbv	97
11) Trichlorofluoromethane	1.881	101	9906	0.460	ppbv	89
12) 1,1,2-Trichlorotrifluo...	2.143	101	8347	0.495	ppbv	99
13) Ethanol	1.729	45	553	0.845	ppbv #	52
14) Bromoethene	1.784	108	2955	0.478	ppbv #	82
15) Acetone	1.842	43	10038	0.550	ppbv	90
16) 1,3-Butadiene	1.612	39	4829	0.589	ppbv	91
17) tert-Butyl alcohol	2.049	59	10637	0.473	ppbv #	88
18) 1,1-Dichloroethene	2.036	96	3626	0.477	ppbv	95
19) Isopropyl Alcohol	1.891	45	6365	0.588	ppbv #	32
20) Methylene Chloride	2.065	84	4359	0.604	ppbv	91
21) Allyl Chloride	2.101	41	6185	0.489	ppbv	95
22) trans-1,2-Dichloroethene	2.347	96	4132	0.481	ppbv	91
23) Vinyl Acetate	2.467	43	4508	0.567	ppbv #	92
24) 1,1-Dichloroethane	2.412	63	8388	0.505	ppbv #	94
25) Ethyl Acetate	2.849	43	24398	0.496	ppbv #	96
26) Hexane	2.836	57	10331	0.531	ppbv	99
27) Carbon Disulfide	2.153	76	8804	0.457	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	6336	0.426	ppbv	95
29) Chloroform	2.855	83	15742	0.512	ppbv	95
30) Cyclohexane	3.868	84	6553	0.388	ppbv #	60
31) cis-1,2-Dichloroethene	2.344	61	7218	0.352	ppbv	96
32) 1,1,1-Trichloroethane	3.376	97	14604	0.496	ppbv	95
34) 2-Butanone	2.567	43	15277	0.527	ppbv	97
35) Carbon Tetrachloride	3.768	117	14044	0.490	ppbv	84
36) Benzene	3.664	78	21546	0.516	ppbv	96
37) 1,2-Dichloroethane	3.227	62	11973	0.510	ppbv	98
38) Trichloroethene	4.561	130	7688	0.463	ppbv #	89
39) 1,2-Dichloropropane	4.337	63	1610	0.110	ppbv	95
40) 1,4-Dioxane	4.613	88	1107	0.150	ppbv #	1
41) Tetrahydrofuran	3.069	42	8443	0.534	ppbv	97
42) Bromodichloromethane	4.502	83	15340	0.488	ppbv	89
43) Methyl Methacrylate	4.891	69	7309	0.471	ppbv #	90
44) 2,2,4-Trimethylpentane	4.648	57	20546	0.304	ppbv #	42
45) t-1,3-Dichloropropene	6.419	75	1770	0.122	ppbv #	86

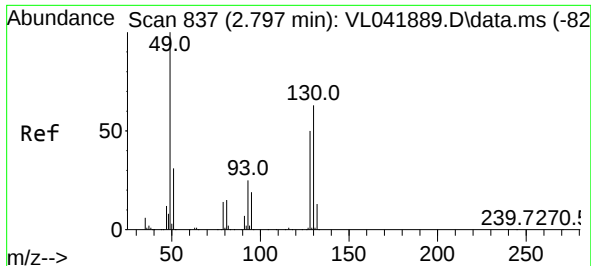
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 Data File : VL041888.D
 Acq On : 14 Jan 2025 11:40
 Operator : SY/MD
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
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Quant Time: Jan 14 21:19:53 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	4470	0.234	ppbv	95
47) 1,1,2-Trichloroethane	6.597	97	3651	0.235	ppbv #	91
48) Dibromochloromethane	7.399	129	11087	0.463	ppbv	99
49) Bromoform	9.490	173	9073	0.461	ppbv	97
50) 4-Methyl-2-Pentanone	5.774	43	4977	0.126	ppbv #	39
51) 2-Hexanone	7.458	43	7862	0.259	ppbv #	35
52) Tetrachloroethene	8.234	164	7221	0.498	ppbv #	85
53) Toluene	6.946	91	22160	0.487	ppbv	92
54) 1,2-Dibromoethane	7.661	107	10815	0.506	ppbv	85
56) 1,1,1,2-Tetrachloroethane	8.933	131	9870	0.500	ppbv #	1
57) Chlorobenzene	8.930	112	19334	0.530	ppbv #	88
58) Ethyl Benzene	9.361	91	30456	0.493	ppbv	97
59) m/p-Xylene	9.561	91	19790	0.399	ppbv #	1
60) o-Xylene	9.969	91	24142	0.491	ppbv	94
61) Styrene	9.879	104	10428	0.473	ppbv	99
62) Isopropylbenzene	10.549	105	38174	0.502	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.969	83	16637	0.537	ppbv	99
64) n-propylbenzene	10.995	120	8606	0.448	ppbv	85
65) tert-Butylbenzene	11.539	119	33232	0.479	ppbv	100
66) Benzyl Chloride	11.620	91	2397	0.558	ppbv #	96
67) sec-Butylbenzene	11.775	105	47437	0.497	ppbv	98
69) p-Isopropyltoluene	11.934	119	38770	0.493	ppbv	97
70) n-Butylbenzene	12.290	91	38146	0.489	ppbv	97
71) 2-Chlorotoluene	10.911	91	27534	0.489	ppbv	99
72) 4-Ethyltoluene	11.131	105	28313	0.481	ppbv	98
73) 1,3,5-Trimethylbenzene	11.209	105	25156	0.484	ppbv	95
74) 1,2,4-Trimethylbenzene	11.542	105	27444	0.488	ppbv	96
75) 1,3-Dichlorobenzene	11.617	146	17033	0.511	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	17963	0.551	ppbv	94
77) 1,2-Dichlorobenzene	11.953	146	17772	0.538	ppbv	98
78) Hexachloro-1,3-Butadiene	13.892	225	13201	0.487	ppbv	98
79) Naphthalene	13.523	128	32709	0.577	ppbv	98
80) Naphthalene,2-methyl-	14.468	142	15991	0.595	ppbv	96
81) 1,2,4-Trichlorobenzene	13.452	180	15628	0.565	ppbv	94

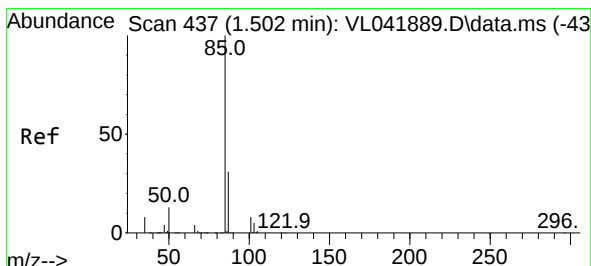
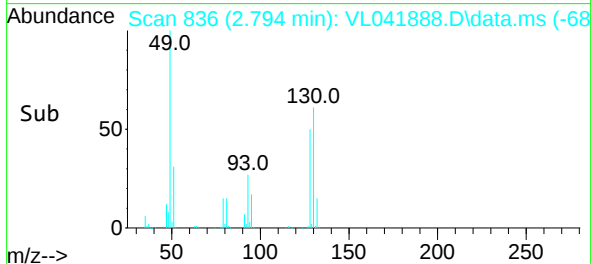
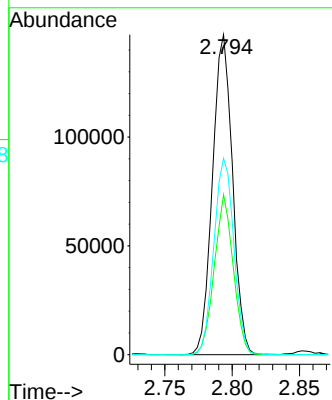
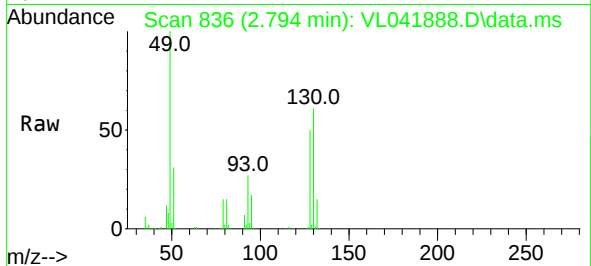
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

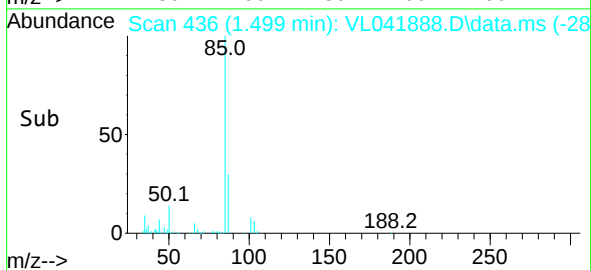
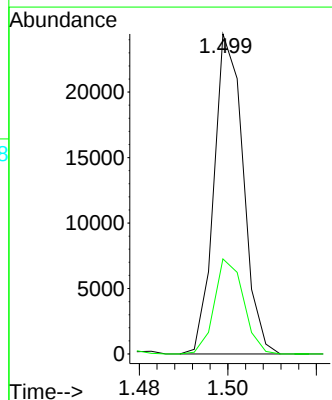
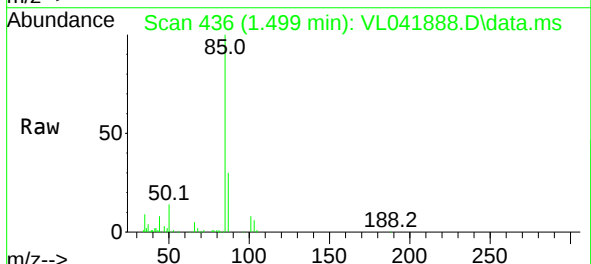
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MSVOA_L
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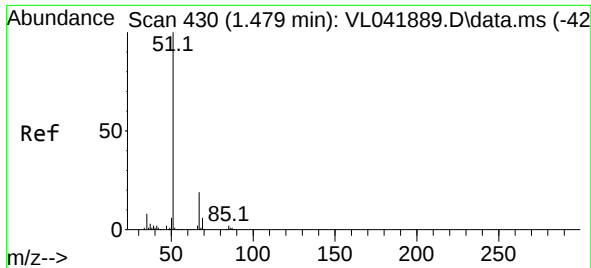
Tgt Ion: 49 Resp: 151983
Ion Ratio Lower Upper
49 100
128 47.5 24.3 73.0
130 61.5 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 0.542 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 85 Resp: 11222
Ion Ratio Lower Upper
85 100
87 29.7 24.9 37.3

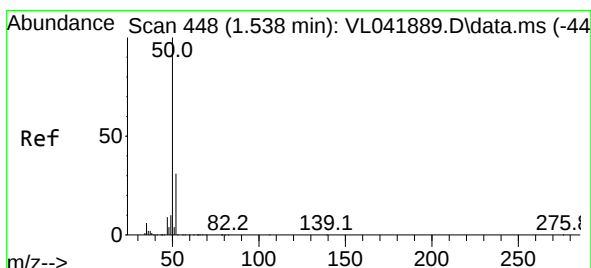
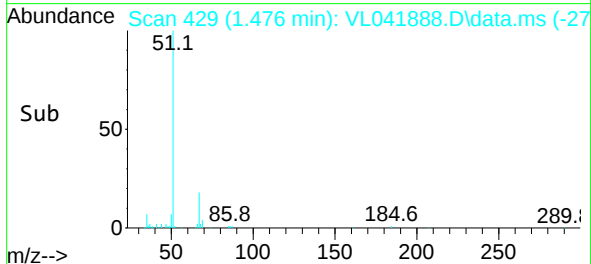
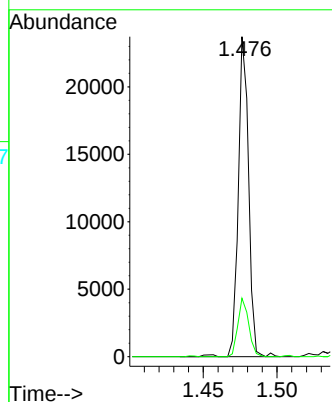
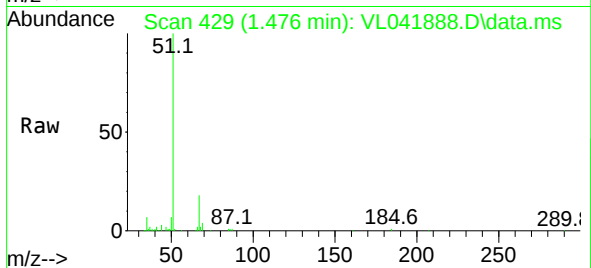




#3
Chlorodifluoromethane
Concen: 0.527 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

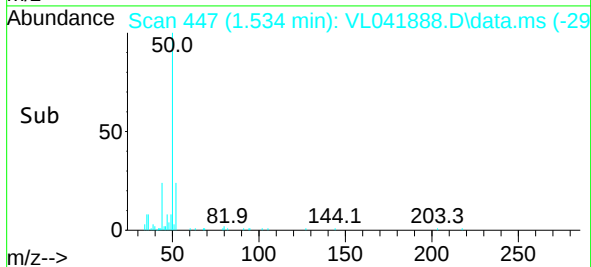
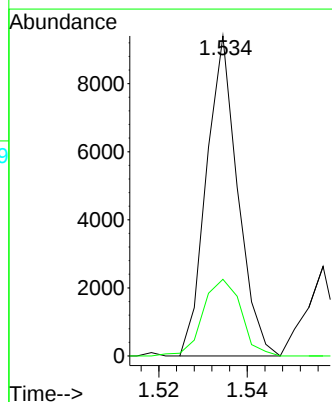
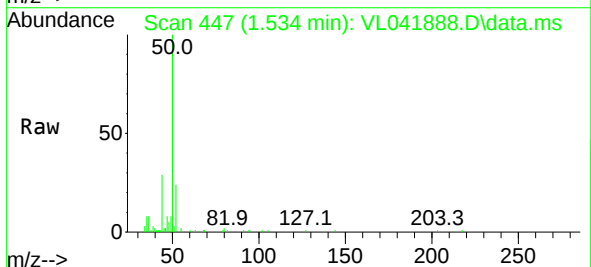
Instrument :
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ClientSampleId :

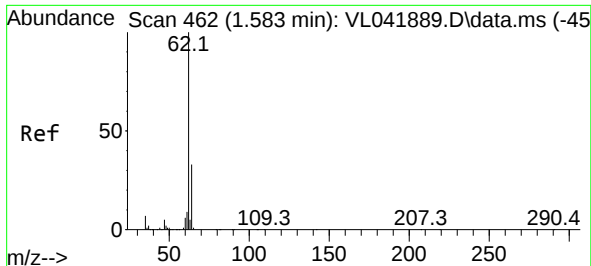
Tgt Ion: 51 Resp: 11427
Ion Ratio Lower Upper
51 100
67 19.5 15.0 22.4



#4
Chloromethane
Concen: 0.595 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 50 Resp: 4633
Ion Ratio Lower Upper
50 100
52 24.0 24.6 36.8#

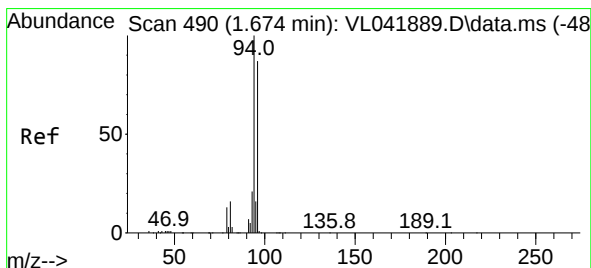
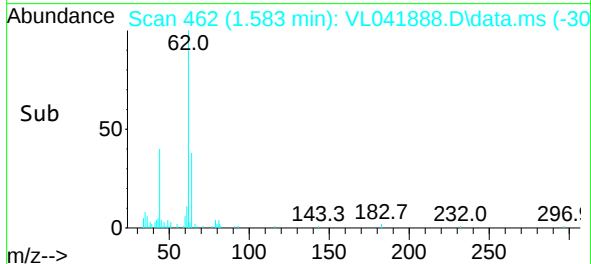
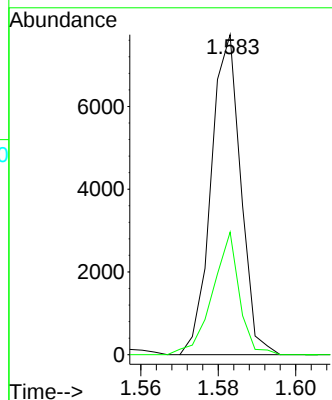
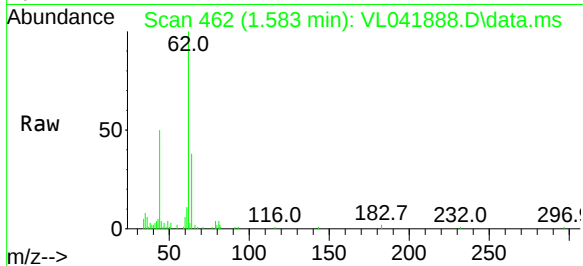




#5
 Vinyl Chloride
 Concen: 0.521 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

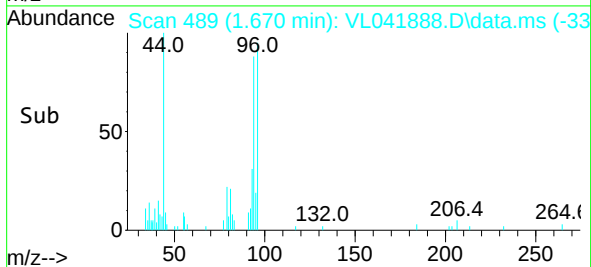
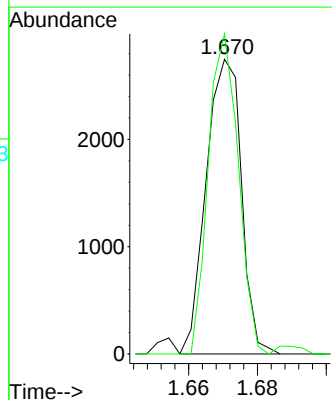
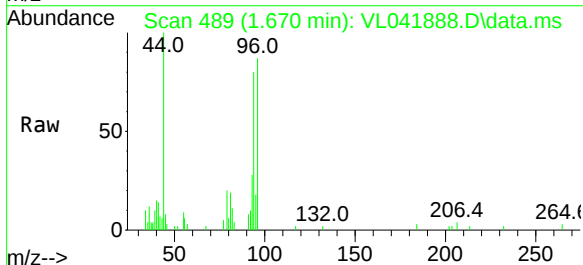
Instrument :
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 ClientSampleId :

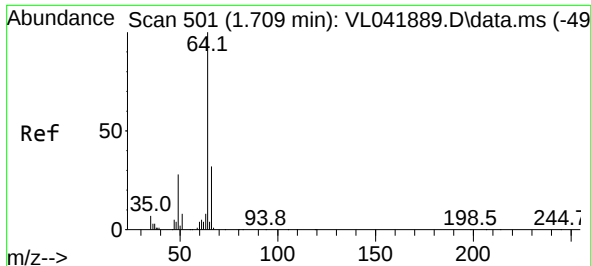
Tgt Ion: 62 Resp: 4109
 Ion Ratio Lower Upper
 62 100
 64 38.3 26.1 39.1



#6
 Bromomethane
 Concen: 0.520 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

Tgt Ion: 94 Resp: 1954
 Ion Ratio Lower Upper
 94 100
 96 108.6 69.5 104.3#

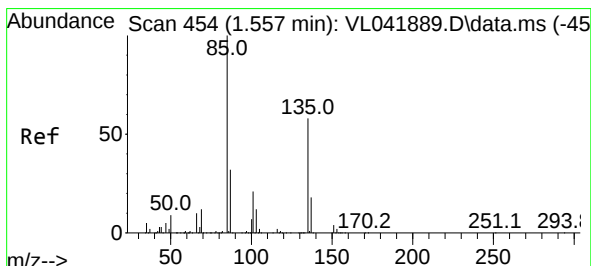
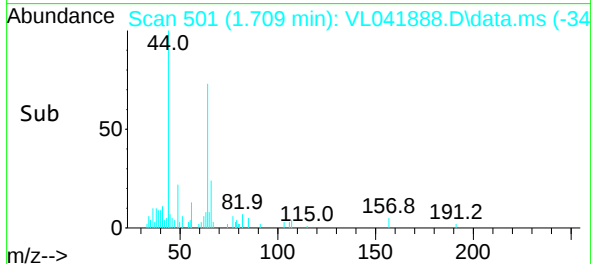
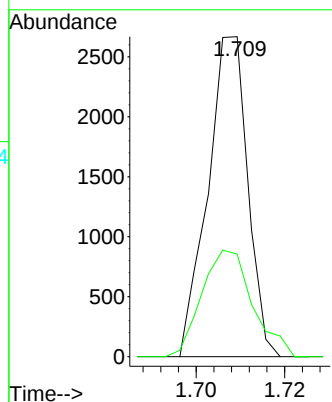
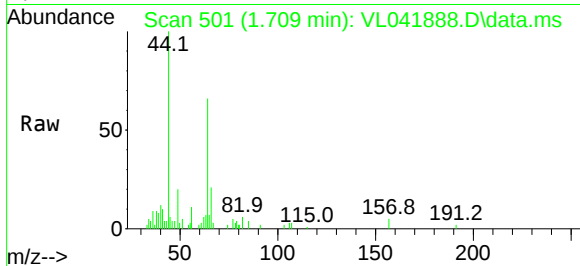




#7
Chloroethane
Concen: 0.545 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

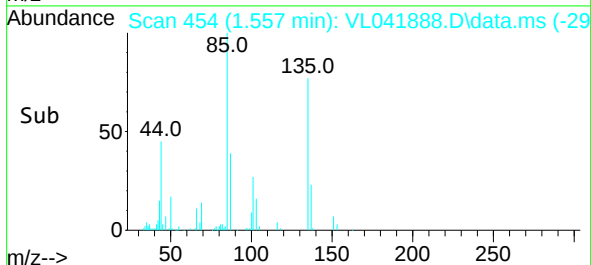
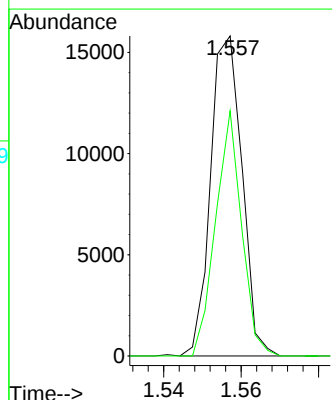
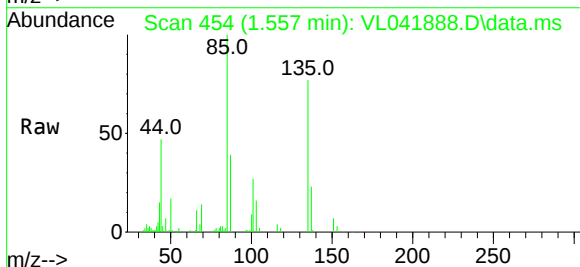
Instrument :
MSVOA_L
ClientSampleId :

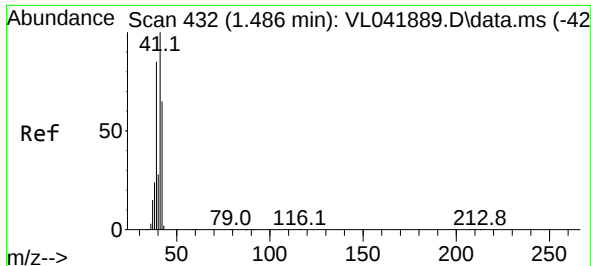
Tgt Ion: 64 Resp: 1671
Ion Ratio Lower Upper
64 100
66 32.0 25.7 38.5



#8
Dichlorotetrafluoroethane
Concen: 0.493 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 85 Resp: 8917
Ion Ratio Lower Upper
85 100
135 63.5 50.0 75.0





#9

Propene

Concen: 0.554 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

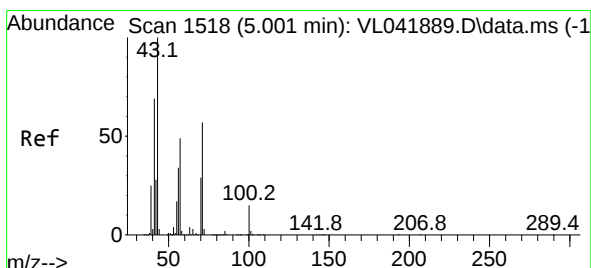
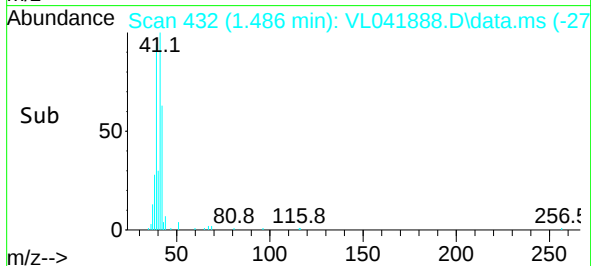
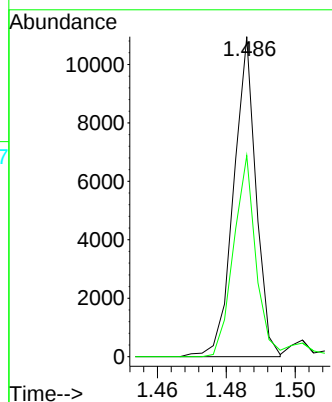
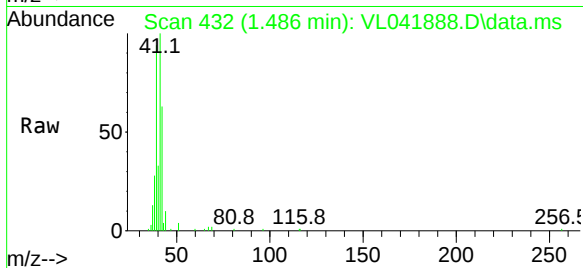
ClientSampleId :

Tgt Ion: 41 Resp: 4949

Ion Ratio Lower Upper

41 100

42 72.3 52.0 78.0



#10

Heptane

Concen: 0.478 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VL041888.D

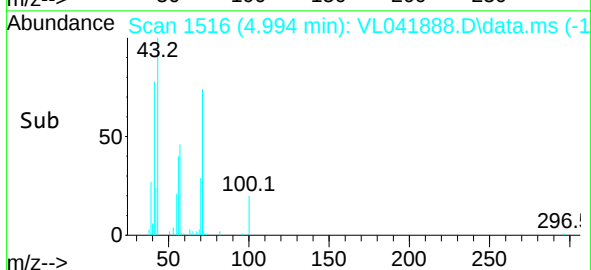
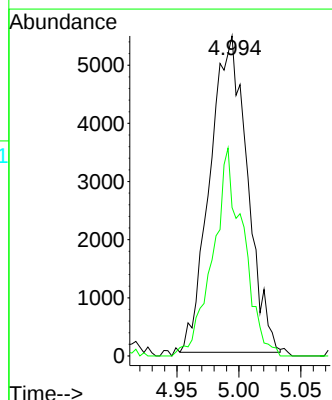
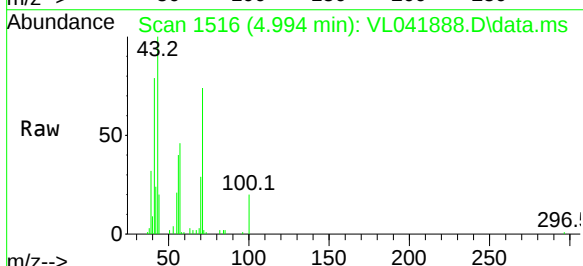
Acq: 14 Jan 2025 11:40

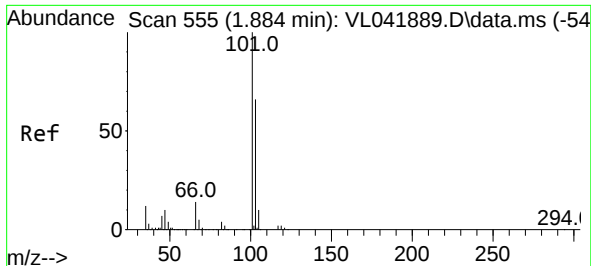
Tgt Ion: 43 Resp: 11425

Ion Ratio Lower Upper

43 100

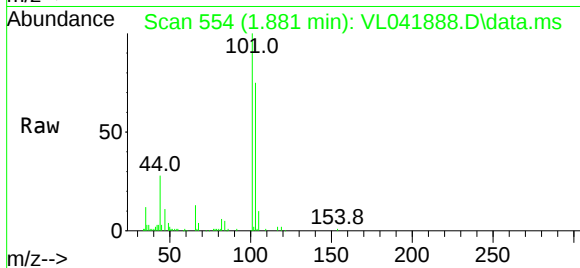
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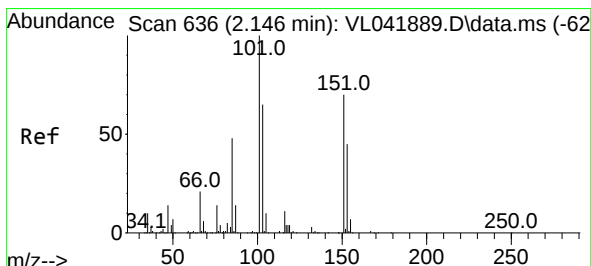
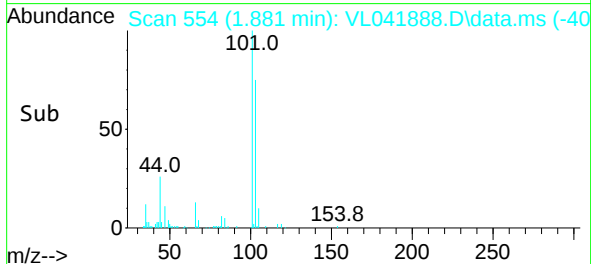
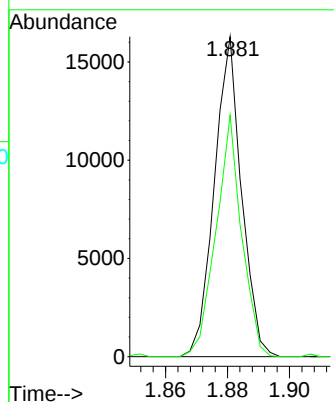


#11
 Trichlorofluoromethane
 Concen: 0.460 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

Instrument :
 MSVOA_L
 ClientSampleId :

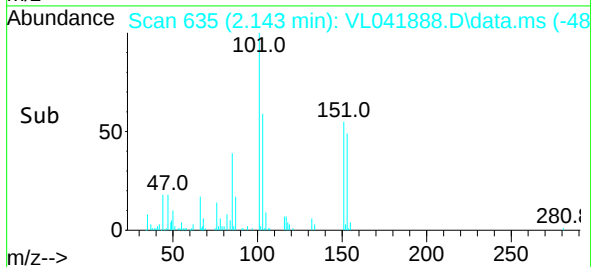
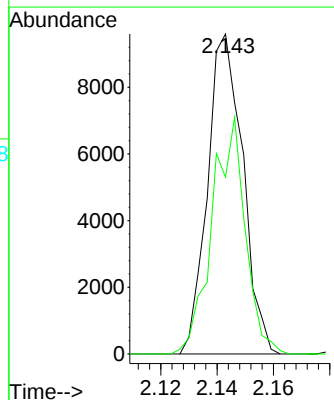
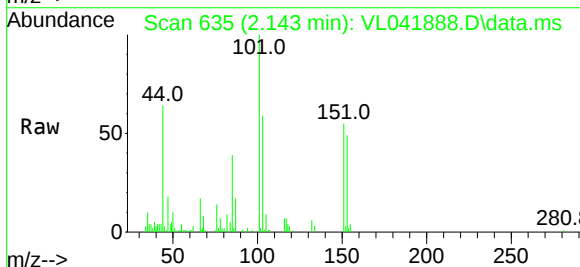


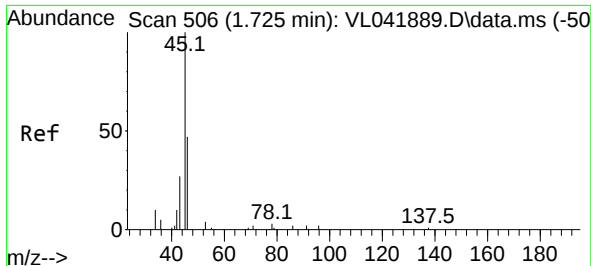
Tgt Ion:101 Resp: 9906
 Ion Ratio Lower Upper
 101 100
 103 75.5 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.495 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.003 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

Tgt Ion:101 Resp: 8347
 Ion Ratio Lower Upper
 101 100
 151 69.6 56.1 84.1

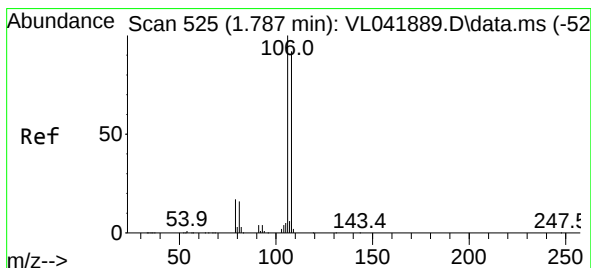
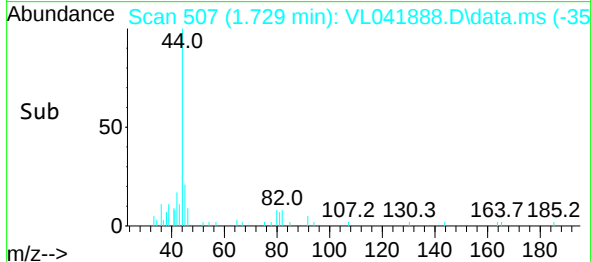
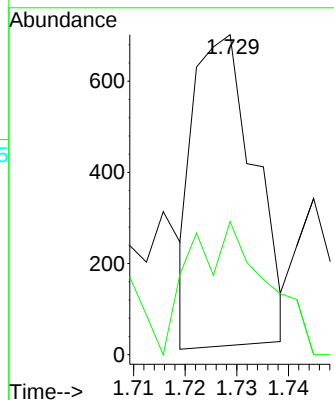
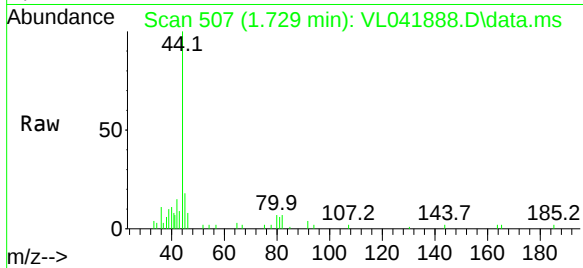




#13
Ethanol
Concen: 0.845 ppbv
RT: 1.729 min Scan# 506
Delta R.T. 0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

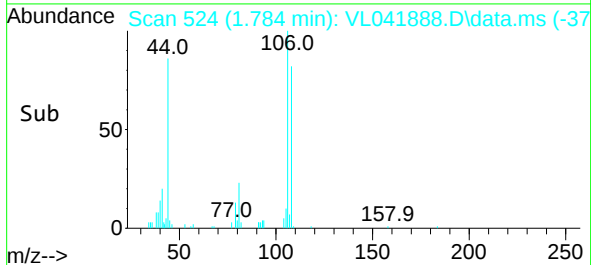
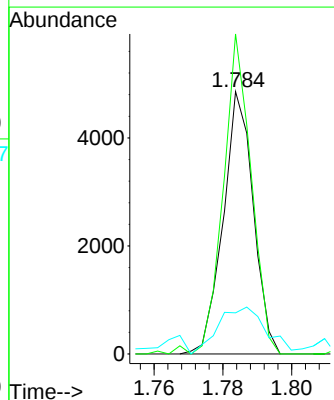
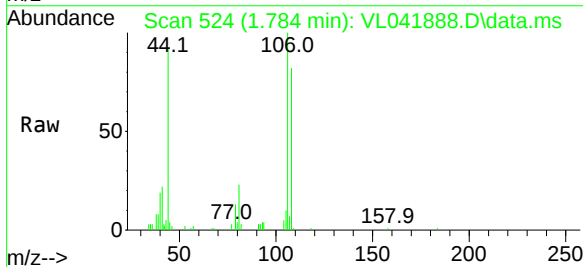
Instrument :
MSVOA_L
ClientSampleId :

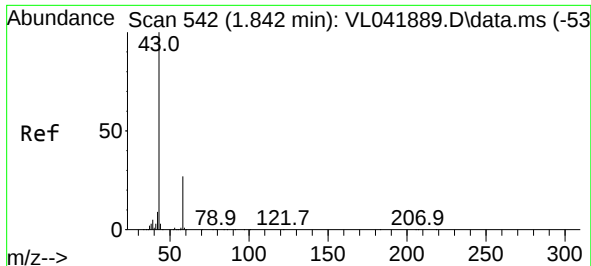
Tgt Ion: 45 Resp: 553
Ion Ratio Lower Upper
45 100
46 76.7 18.1 72.5#



#14
Bromoethene
Concen: 0.478 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 108 Resp: 2955
Ion Ratio Lower Upper
108 100
106 113.6 85.5 128.3
79 55.3 15.3 22.9#





#15

Acetone

Concen: 0.550 ppbv

RT: 1.842 min Scan# 542

Delta R.T. 0.000 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

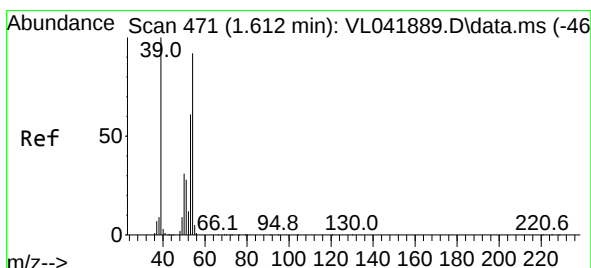
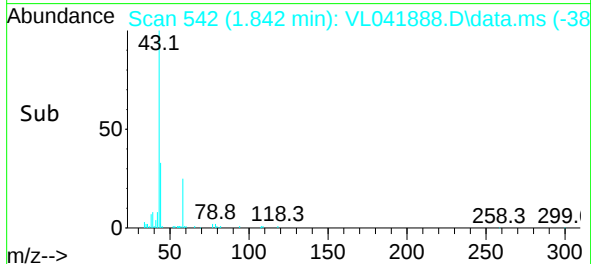
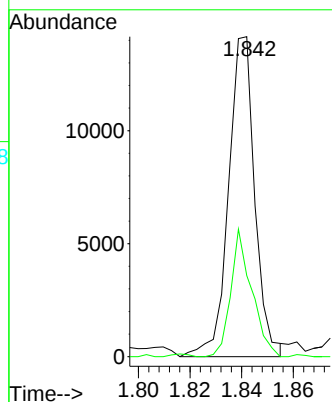
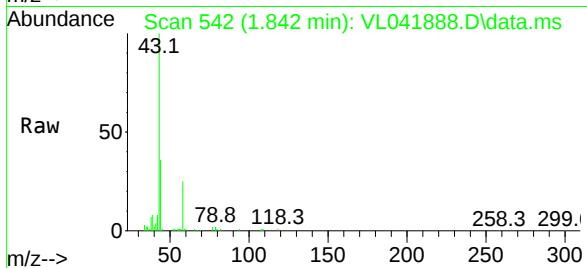
ClientSampleId :

Tgt Ion: 43 Resp: 10038

Ion Ratio Lower Upper

43 100

58 32.7 21.9 32.9



#16

1,3-Butadiene

Concen: 0.589 ppbv

RT: 1.612 min Scan# 471

Delta R.T. 0.000 min

Lab File: VL041888.D

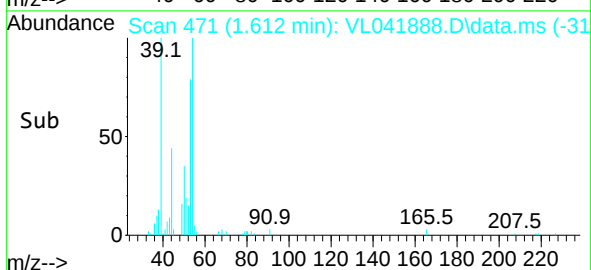
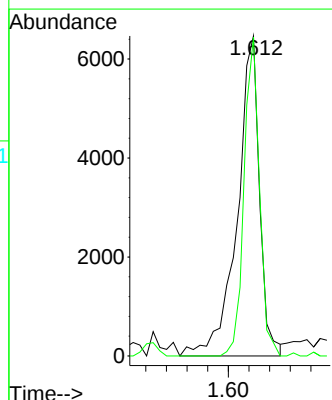
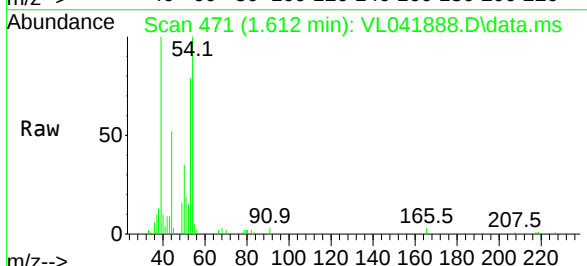
Acq: 14 Jan 2025 11:40

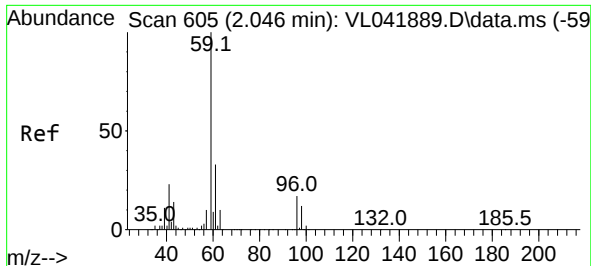
Tgt Ion: 39 Resp: 4829

Ion Ratio Lower Upper

39 100

54 69.3 61.6 92.4





#17

tert-Butyl alcohol

Concen: 0.473 ppbv

RT: 2.049 min Scan# 605

Delta R.T. 0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

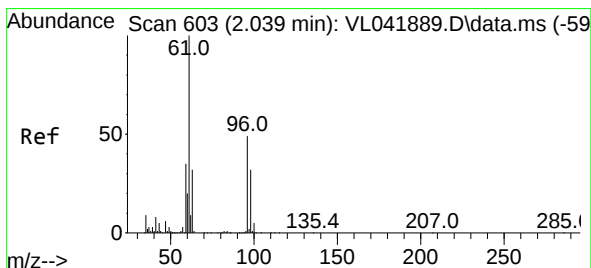
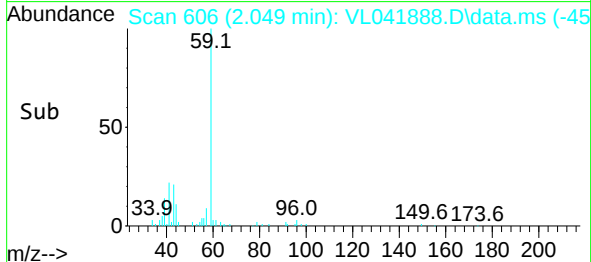
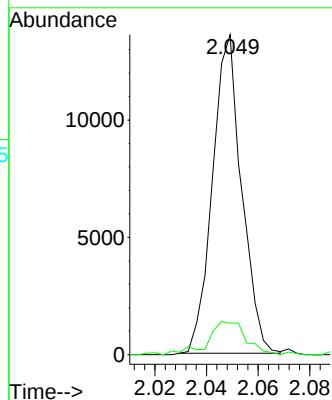
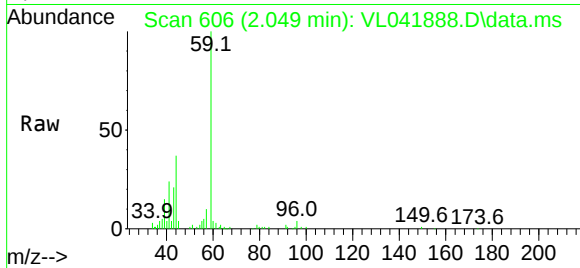
ClientSampleId :

Tgt Ion: 59 Resp: 10637

Ion Ratio Lower Upper

59 100

57 14.1 7.8 11.8#



#18

1,1-Dichloroethene

Concen: 0.477 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

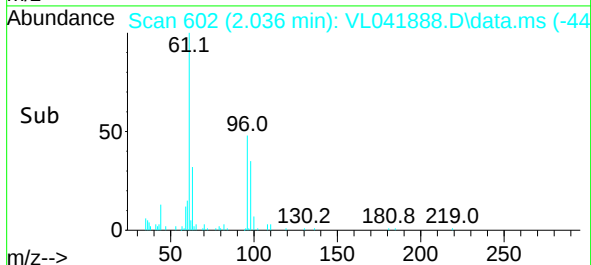
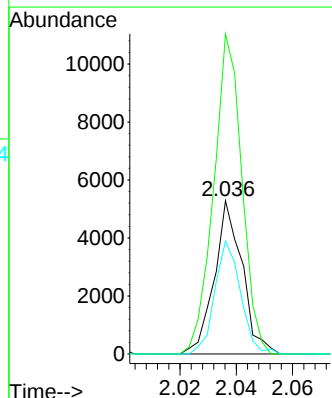
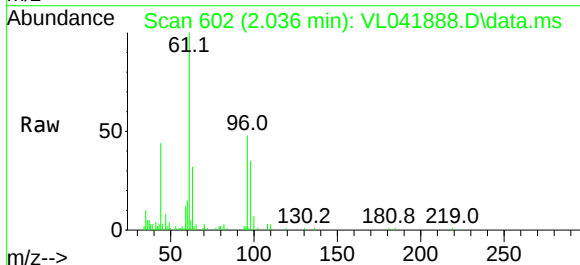
Tgt Ion: 96 Resp: 3626

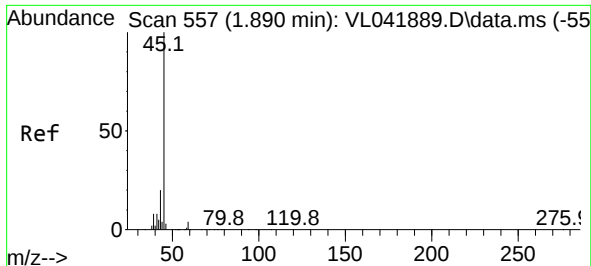
Ion Ratio Lower Upper

96 100

61 209.0 163.1 244.7

98 73.7 52.7 79.1

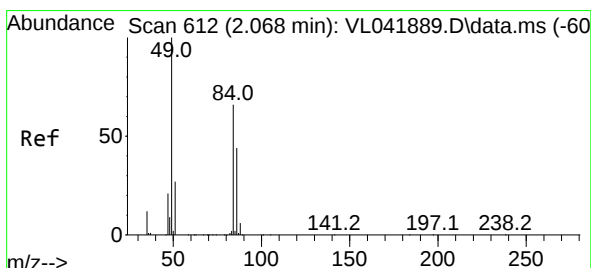
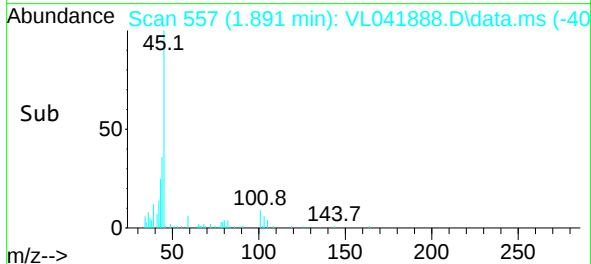
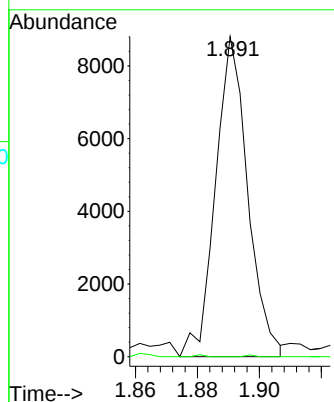
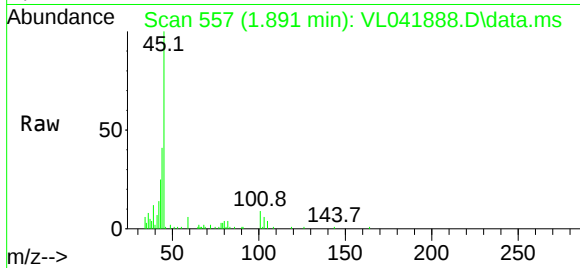




#19
Isopropyl Alcohol
Concen: 0.588 ppbv
RT: 1.891 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

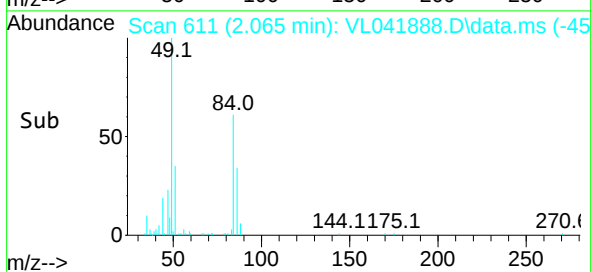
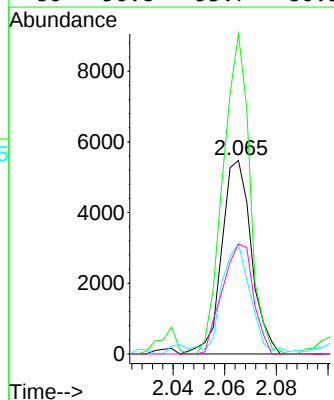
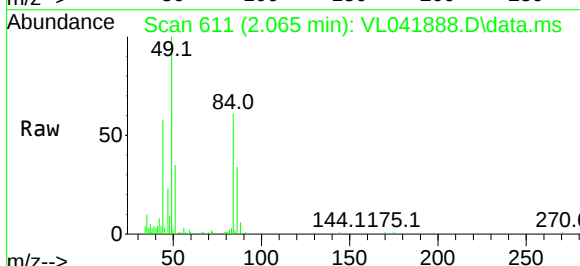
Instrument :
MSVOA_1
ClientSampleId :

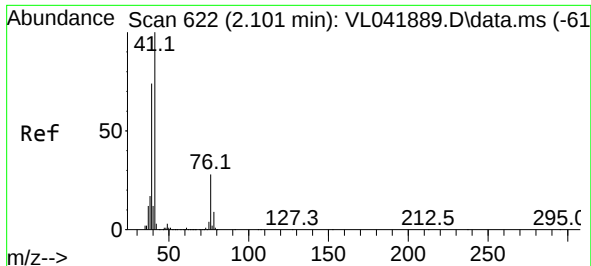
Tgt Ion: 45 Resp: 6365
Ion Ratio Lower Upper
45 100
58 0.0 35.0 52.6#



#20
Methylene Chloride
Concen: 0.604 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 84 Resp: 4359
Ion Ratio Lower Upper
84 100
49 163.1 123.1 184.7
51 52.3 35.8 53.8
86 56.8 53.7 80.5

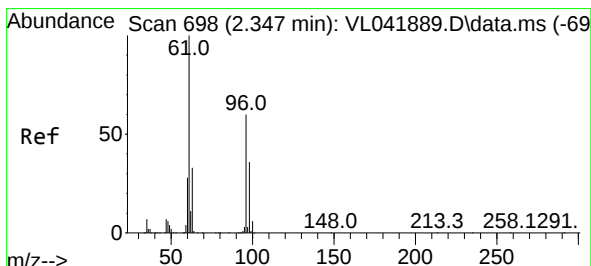
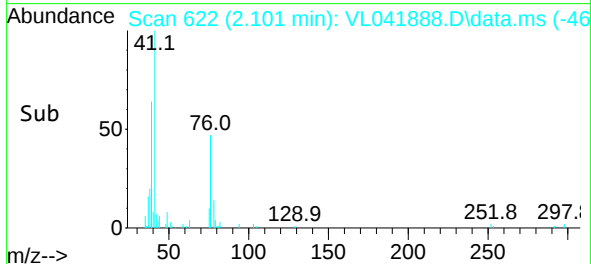
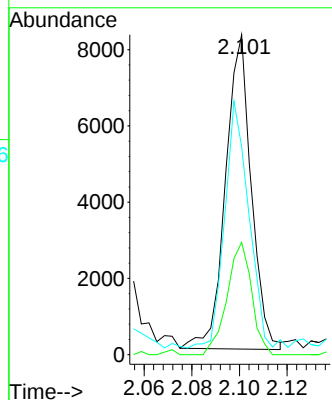
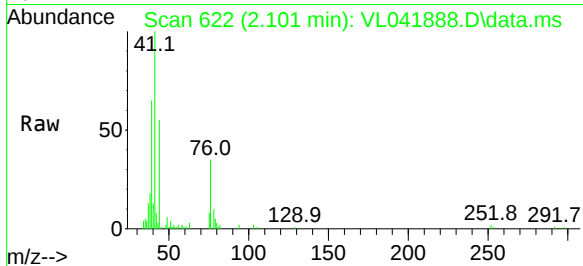




#21
 Allyl Chloride
 Concen: 0.489 ppbv
 RT: 2.101 min Scan# 6185
 Delta R.T. 0.000 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

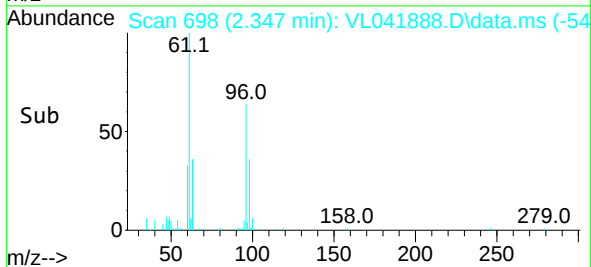
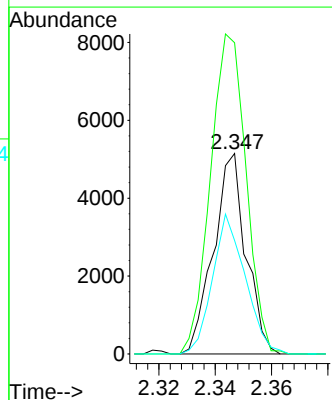
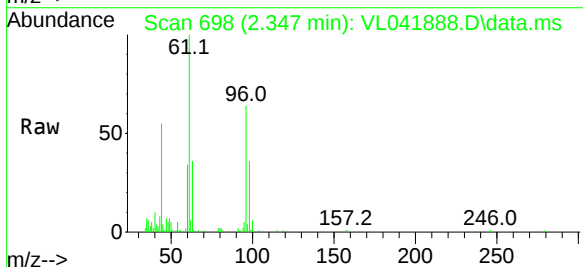
Instrument :
 MSVOA_L
 ClientSampleId :

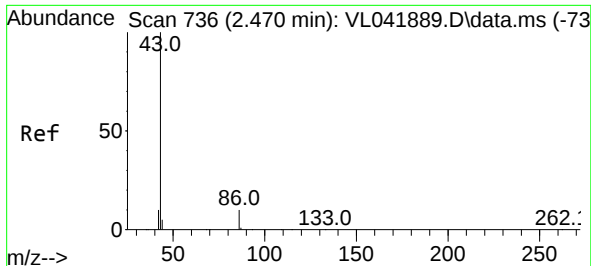
Tgt Ion: 41 Resp: 6185
 Ion Ratio Lower Upper
 41 100
 76 34.0 24.2 36.4
 39 79.4 60.6 91.0



#22
 trans-1,2-Dichloroethene
 Concen: 0.481 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

Tgt Ion: 96 Resp: 4132
 Ion Ratio Lower Upper
 96 100
 61 155.2 134.5 201.7
 98 56.6 48.9 73.3





#23

Vinyl Acetate

Concen: 0.567 ppbv

RT: 2.467 min Scan# 718

Delta R.T. -0.003 min

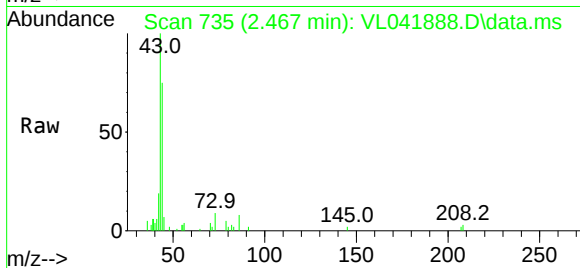
Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 4508

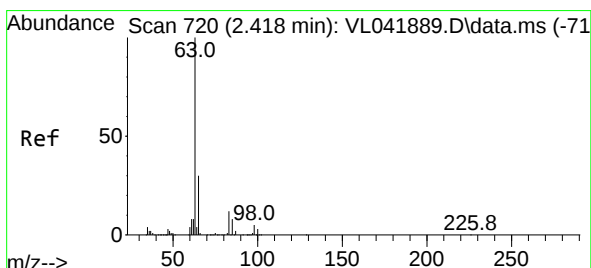
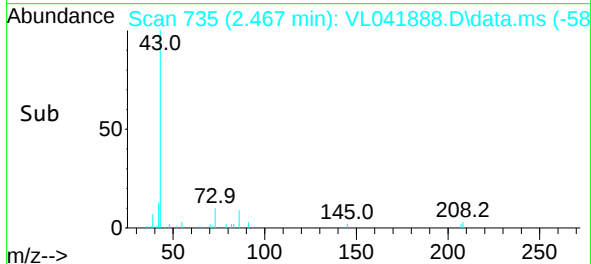
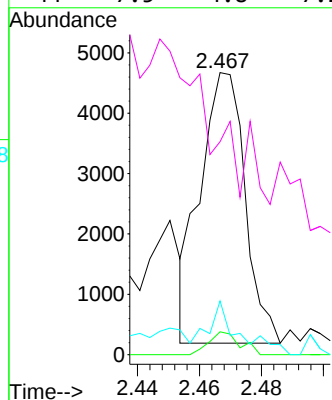
Ion Ratio Lower Upper

43 100

86 8.5 6.2 9.4

42 16.1 8.5 12.7#

44 7.5 4.8 7.2#



#24

1,1-Dichloroethane

Concen: 0.505 ppbv

RT: 2.412 min Scan# 718

Delta R.T. -0.006 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

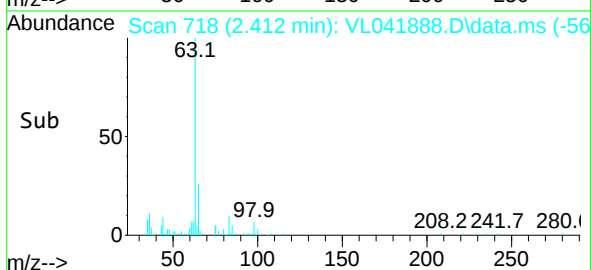
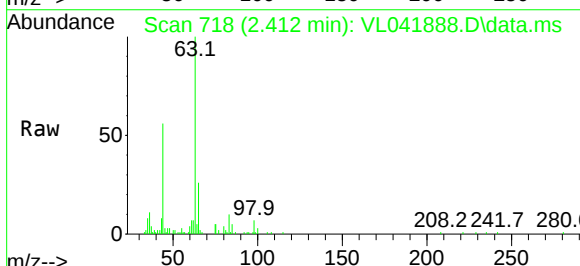
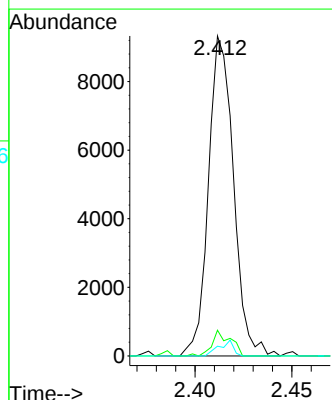
Tgt Ion: 63 Resp: 8388

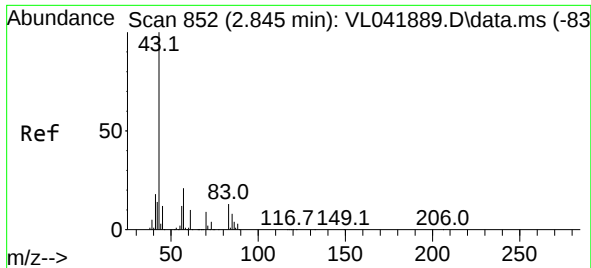
Ion Ratio Lower Upper

63 100

98 8.1 2.6 7.8#

100 3.1 1.4 4.2

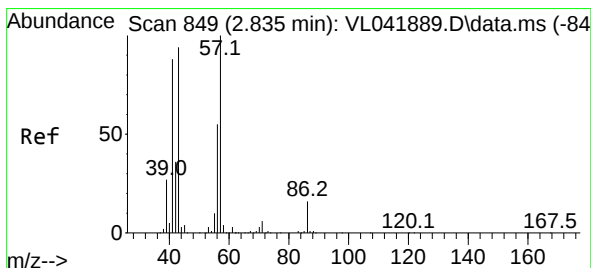
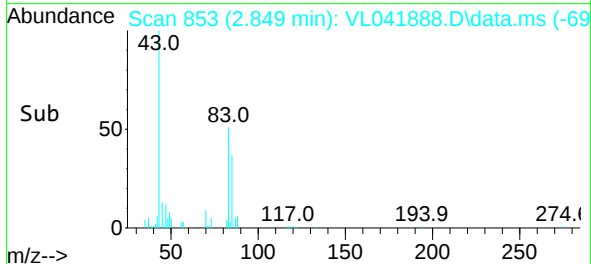
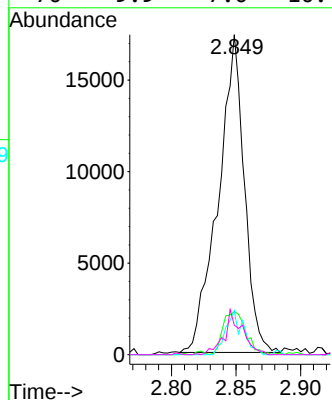
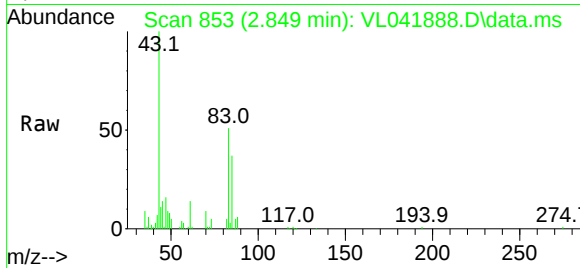




#25
Ethyl Acetate
Concen: 0.496 ppbv
RT: 2.849 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

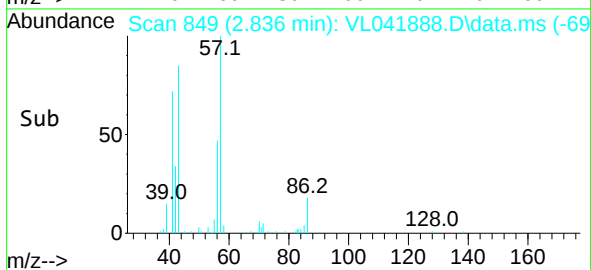
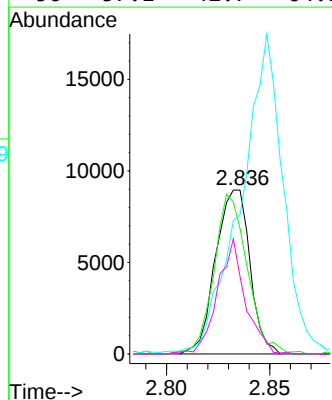
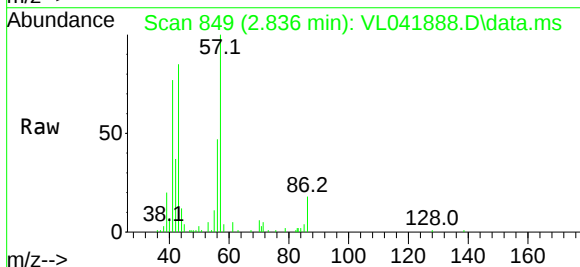
Instrument :
MSVOA_L
ClientSampleId :

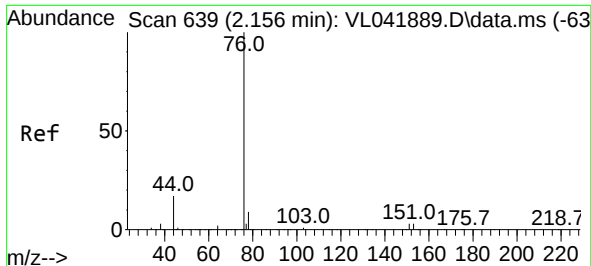
Tgt Ion:	43	Resp:	24398
Ion	Ratio	Lower	Upper
43	100		
45	12.4	8.2	12.2
61	9.8	7.4	11.0
70	9.9	7.0	10.4



#26
Hexane
Concen: 0.531 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.000 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

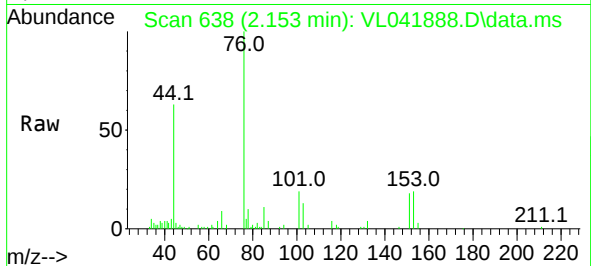
Tgt Ion:	57	Resp:	10331
Ion	Ratio	Lower	Upper
57	100		
41	95.0	73.8	110.8
43	246.7	197.3	295.9
56	57.1	42.7	64.1



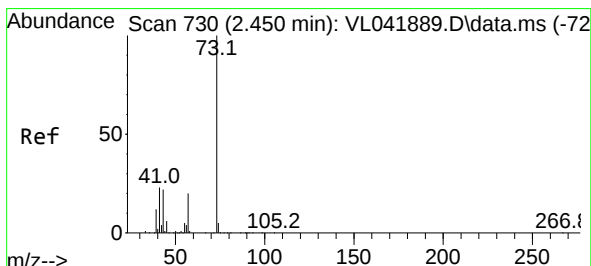
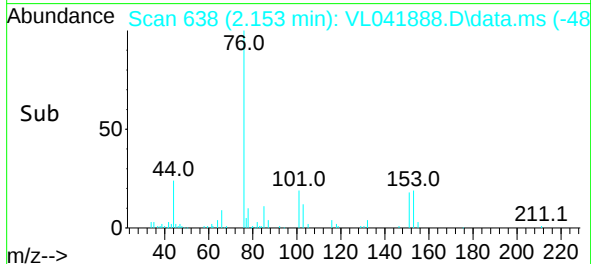
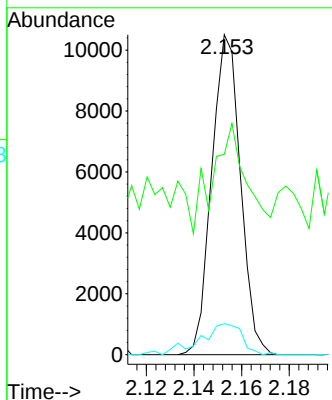


#27
Carbon Disulfide
Concen: 0.457 ppbv
RT: 2.153 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Instrument :
MSVOA_L
ClientSampleId :

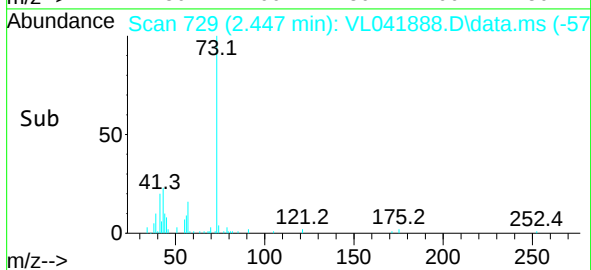
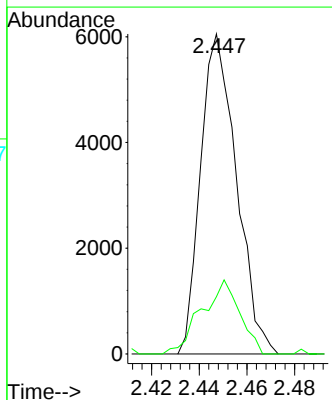
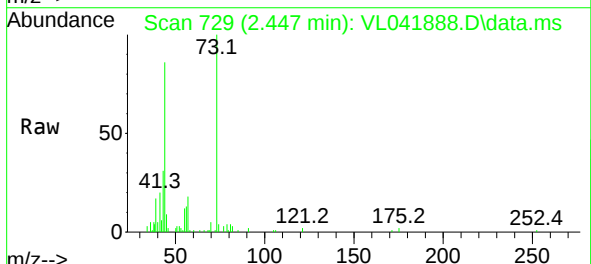


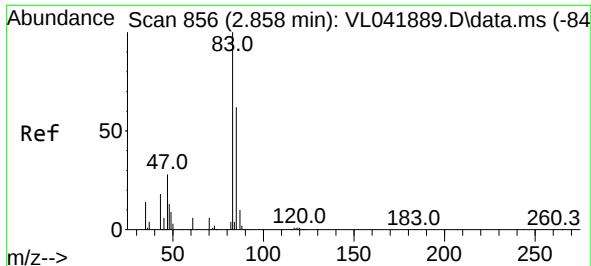
Tgt Ion: 76 Resp: 8804
Ion Ratio Lower Upper
76 100
44 100.5 15.4 23.0#
78 14.2 9.3 13.9#



#28
Methyl tert-Butyl Ether
Concen: 0.426 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 73 Resp: 6336
Ion Ratio Lower Upper
73 100
57 24.9 18.1 27.1





#29

Chloroform

Concen: 0.512 ppbv

RT: 2.855 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

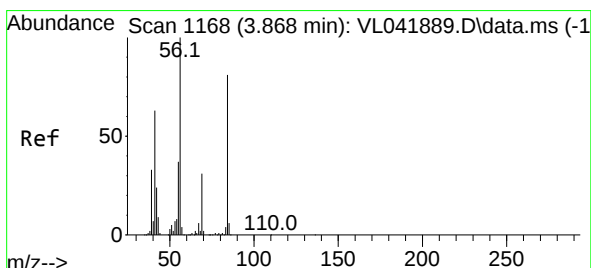
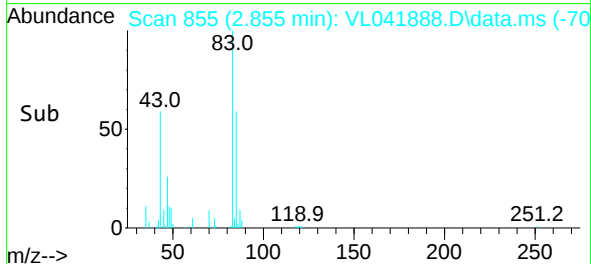
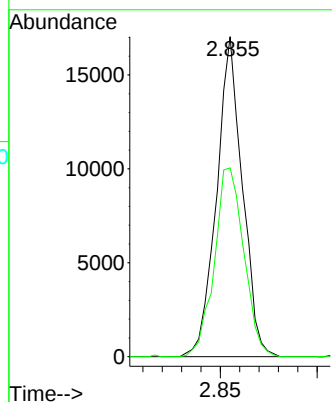
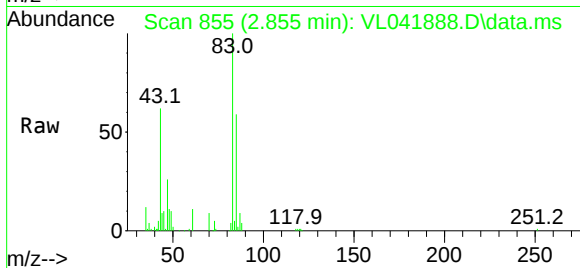
ClientSampleId :

Tgt Ion: 83 Resp: 15742

Ion Ratio Lower Upper

83 100

85 59.0 50.1 75.1



#30

Cyclohexane

Concen: 0.388 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

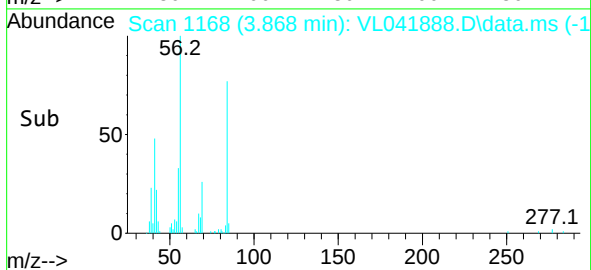
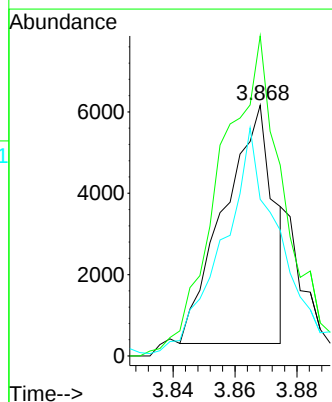
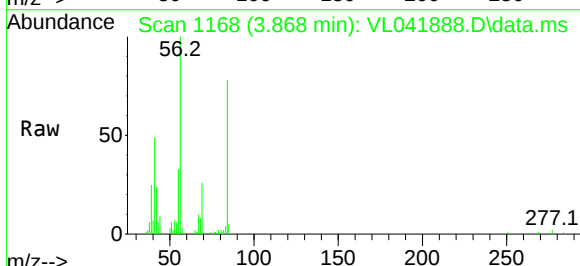
Tgt Ion: 84 Resp: 6553

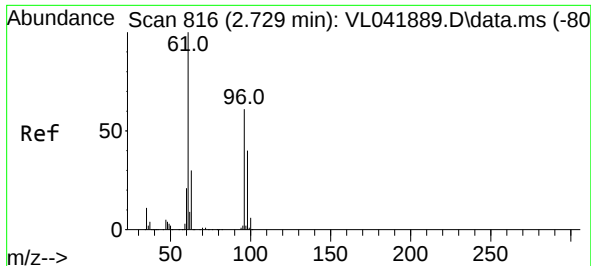
Ion Ratio Lower Upper

84 100

56 171.6 99.3 148.9#

41 112.4 64.3 96.5#

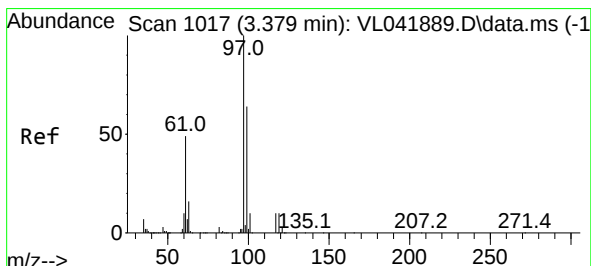
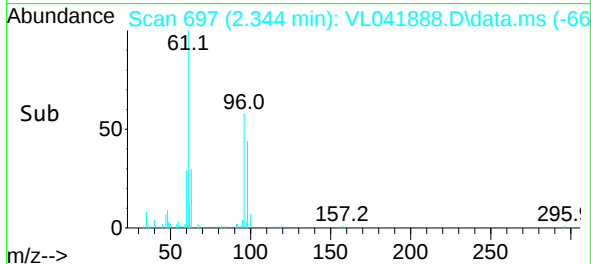
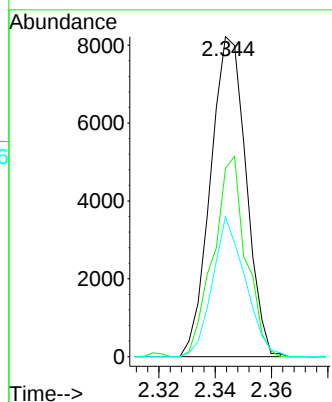
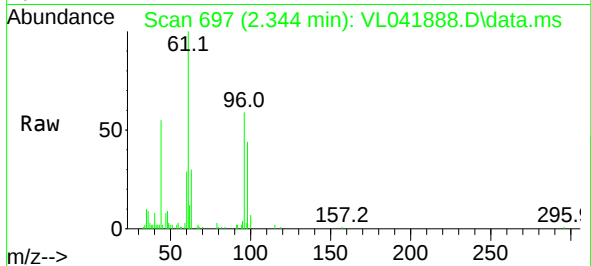




#31
 cis-1,2-Dichloroethene
 Concen: 0.352 ppbv
 RT: 2.344 min Scan# 61
 Delta R.T. -0.385 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

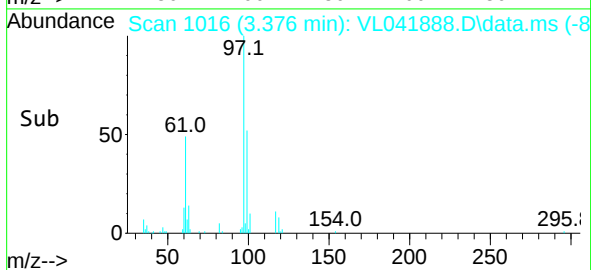
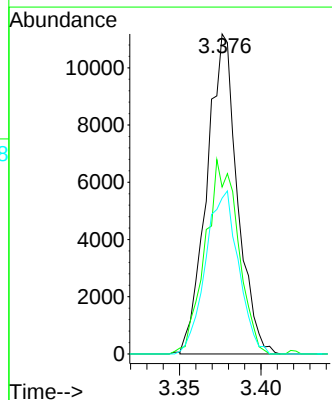
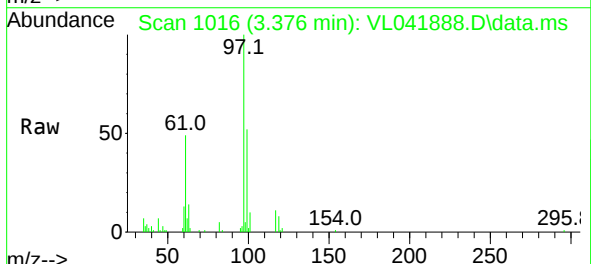
Instrument :
 MSVOA_L
 ClientSampleId :

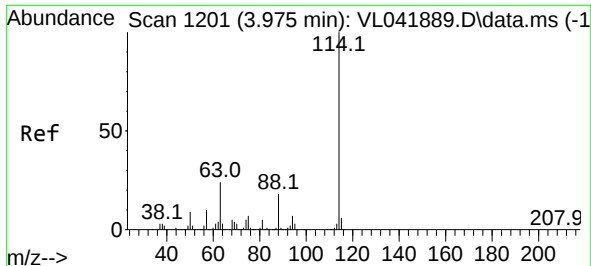
Tgt Ion: 61 Resp: 7218
 Ion Ratio Lower Upper
 61 100
 96 58.9 48.7 73.1
 98 43.7 31.6 47.4



#32
 1,1,1-Trichloroethane
 Concen: 0.496 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. -0.003 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

Tgt Ion: 97 Resp: 14604
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.1 76.7
 61 54.7 39.0 58.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.010 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

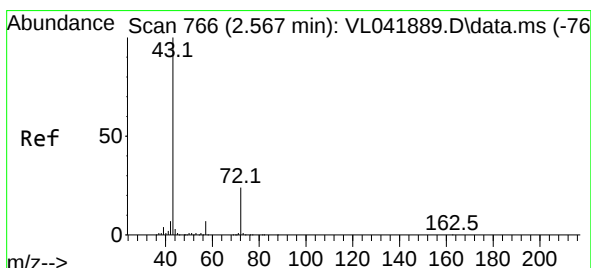
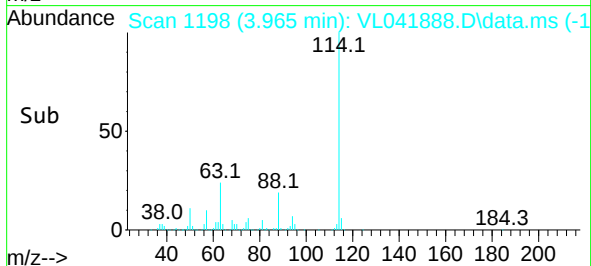
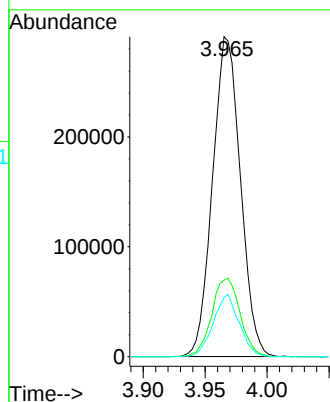
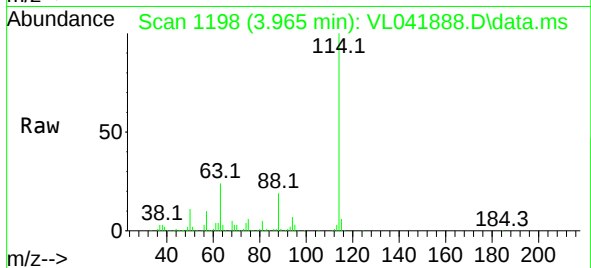
Tgt Ion:114 Resp: 455570

Ion Ratio Lower Upper

114 100

63 24.9 19.8 29.6

88 18.1 14.4 21.6



#34

2-Butanone

Concen: 0.527 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.000 min

Lab File: VL041888.D

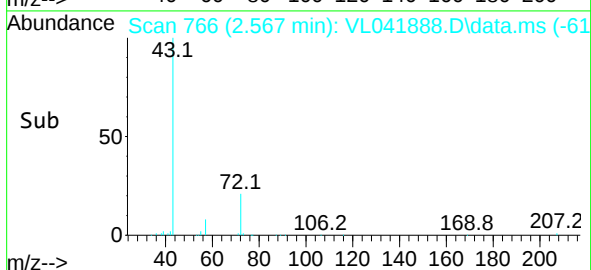
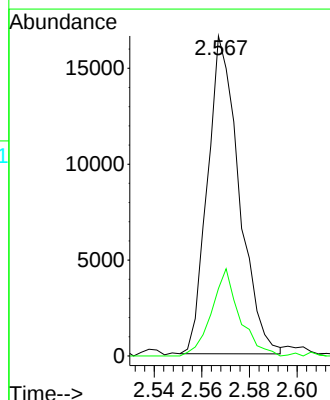
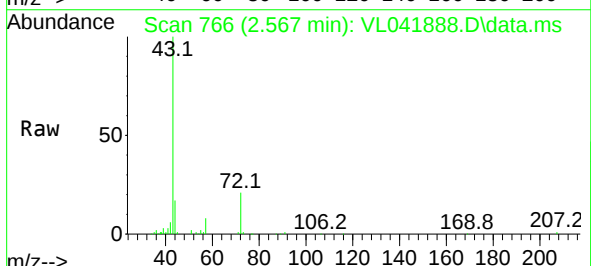
Acq: 14 Jan 2025 11:40

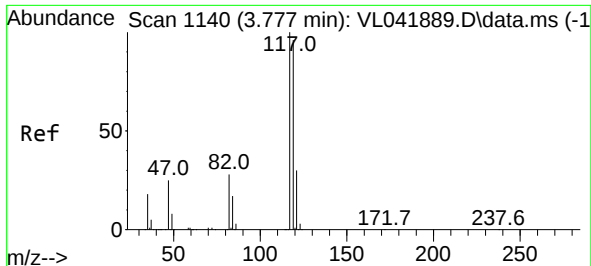
Tgt Ion: 43 Resp: 15277

Ion Ratio Lower Upper

43 100

72 24.8 18.6 28.0

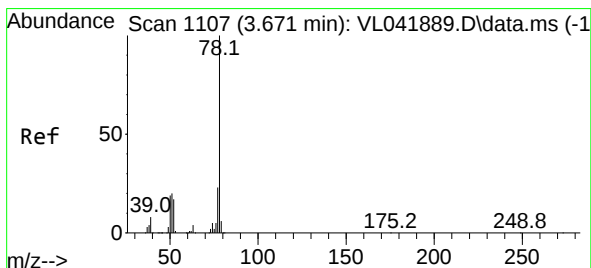
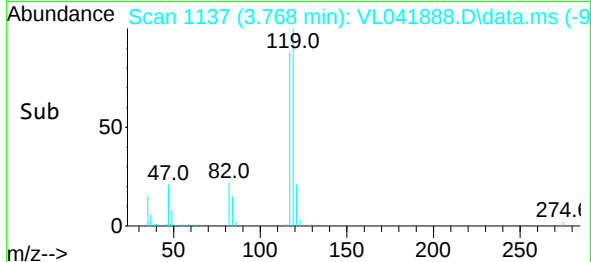
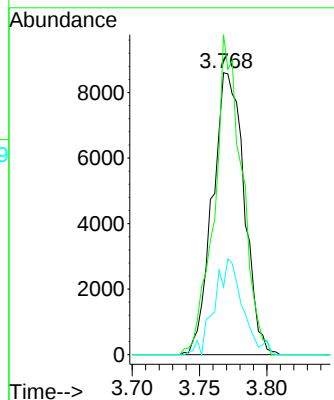
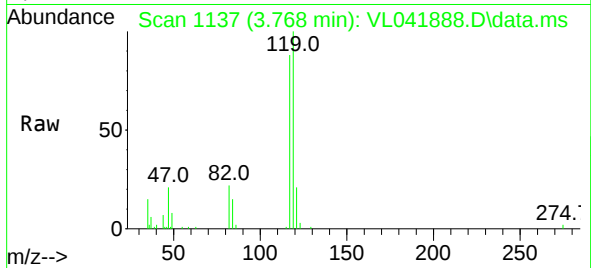




#35
Carbon Tetrachloride
Concen: 0.490 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. -0.010 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

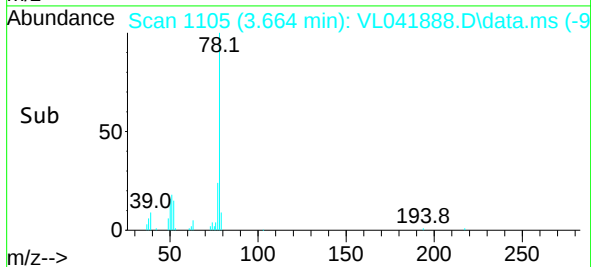
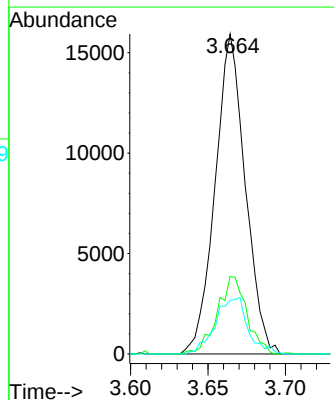
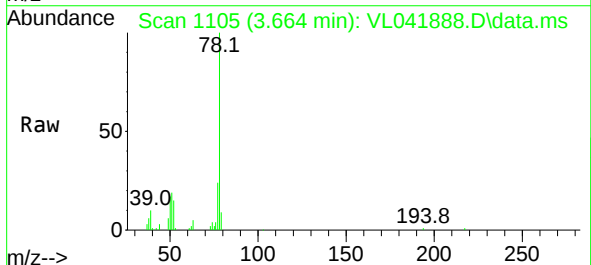
Instrument :
MSVOA_L
ClientSampleId :

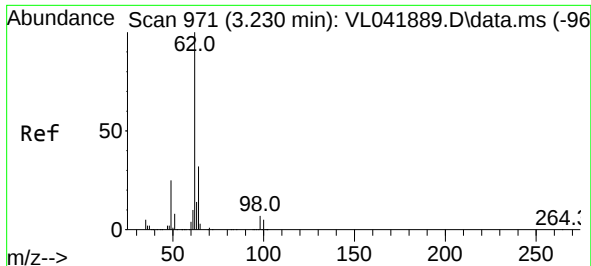
Tgt Ion:117 Resp: 14044
Ion Ratio Lower Upper
117 100
119 113.5 76.9 115.3
121 24.1 23.8 35.6



#36
Benzene
Concen: 0.516 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 78 Resp: 21546
Ion Ratio Lower Upper
78 100
77 24.2 18.1 27.1
50 16.7 15.2 22.8

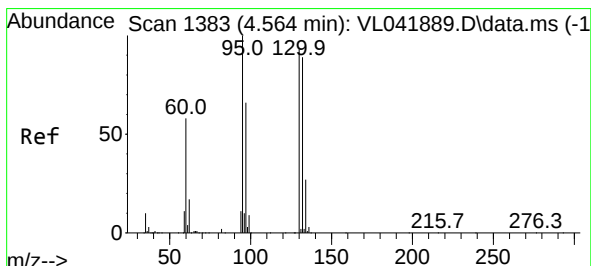
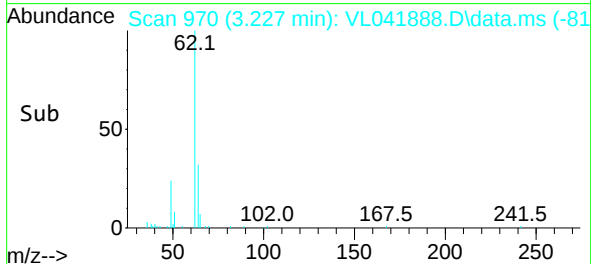
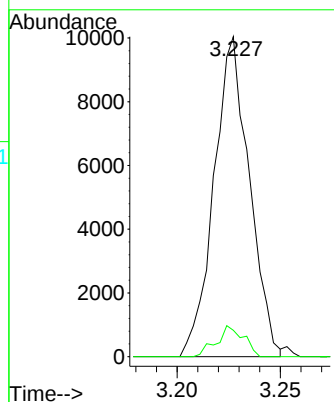
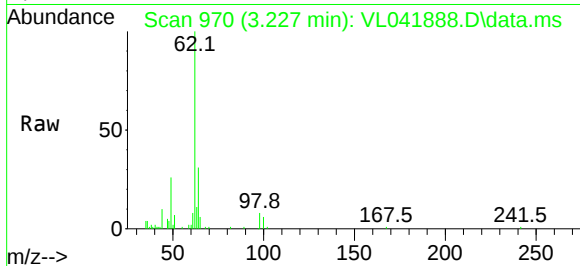




#37
1,2-Dichloroethane
Concen: 0.510 ppbv
RT: 3.227 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

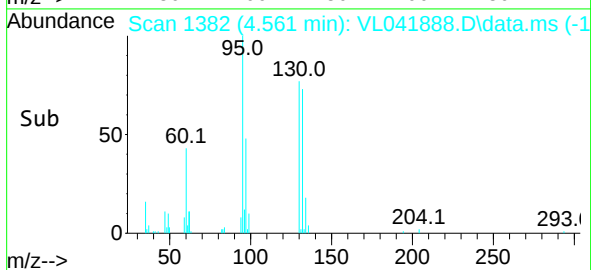
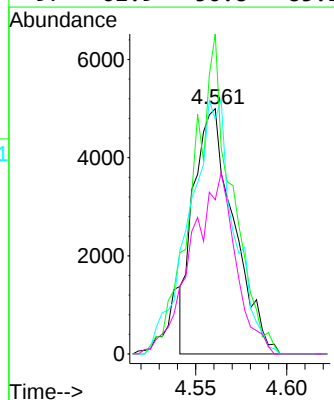
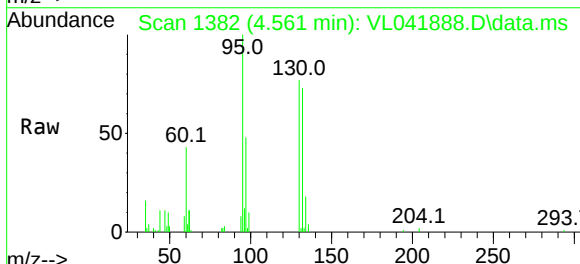
Instrument :
MSVOA_L
ClientSampleId :

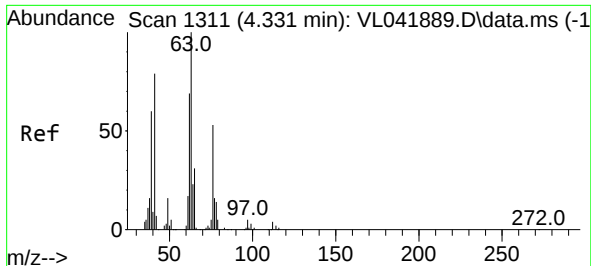
Tgt Ion: 62 Resp: 11973
Ion Ratio Lower Upper
62 100
98 7.4 5.4 8.0



#38
Trichloroethene
Concen: 0.463 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion:130 Resp: 7688
Ion Ratio Lower Upper
130 100
95 130.5 85.8 128.8#
132 95.7 76.5 114.7
97 62.9 56.8 85.2





#39

1,2-Dichloropropane

Concen: 0.110 ppbv

RT: 4.337 min Scan# 1311

Delta R.T. 0.007 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

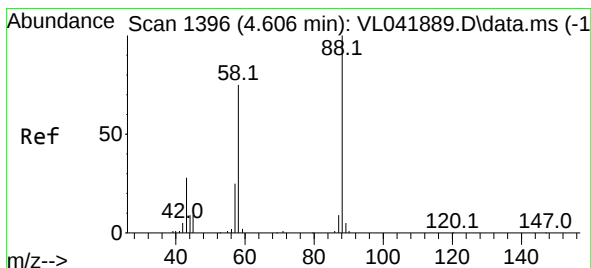
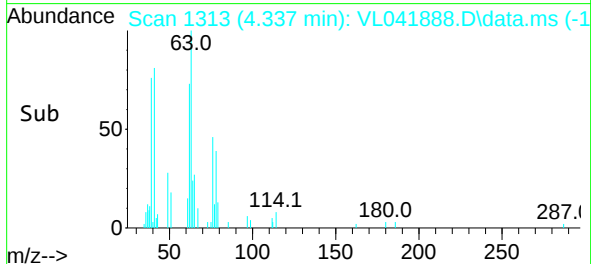
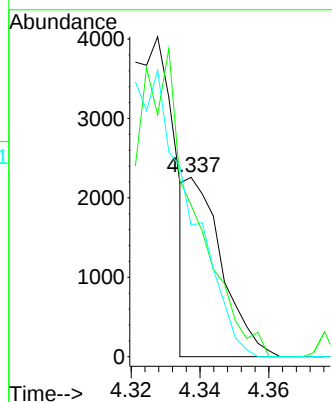
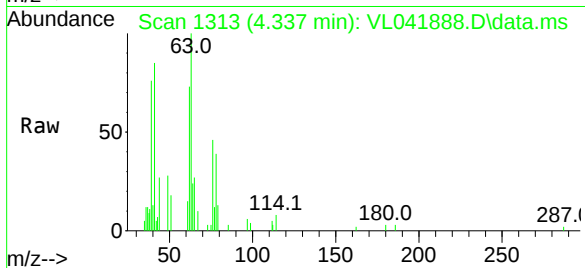
Tgt Ion: 63 Resp: 1610

Ion Ratio Lower Upper

63 100

41 84.6 63.7 95.5

62 73.4 55.4 83.2



#40

1,4-Dioxane

Concen: 0.150 ppbv

RT: 4.613 min Scan# 1398

Delta R.T. 0.007 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Tgt Ion: 88 Resp: 1107

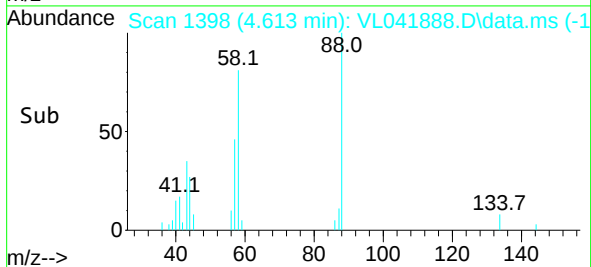
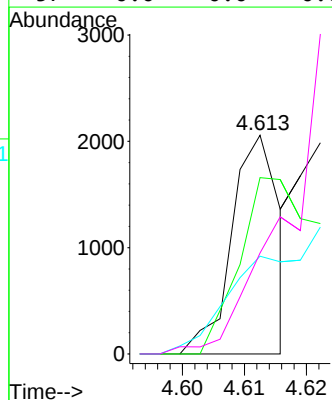
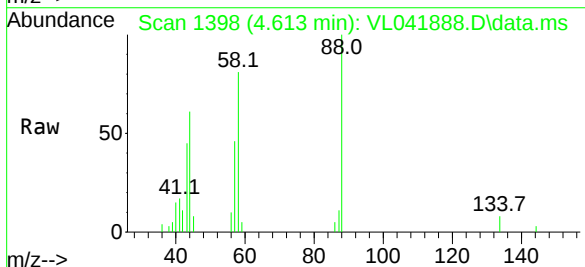
Ion Ratio Lower Upper

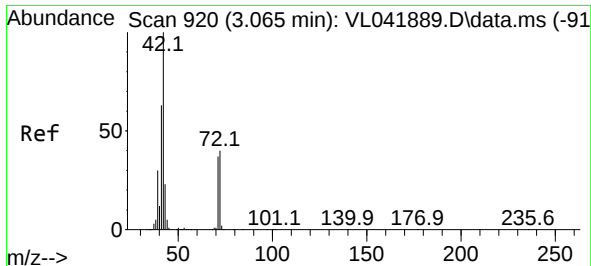
88 100

58 398.7 62.1 93.1#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

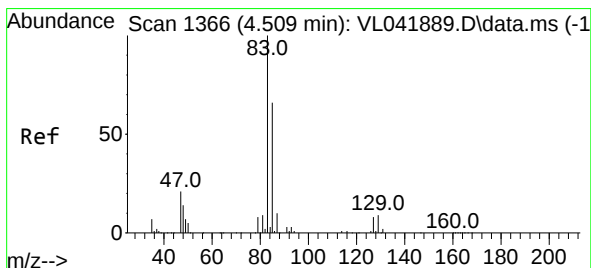
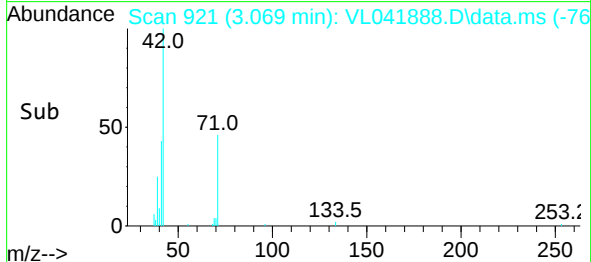
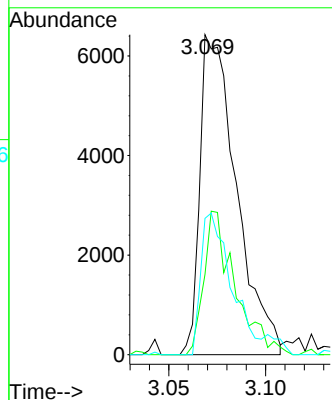
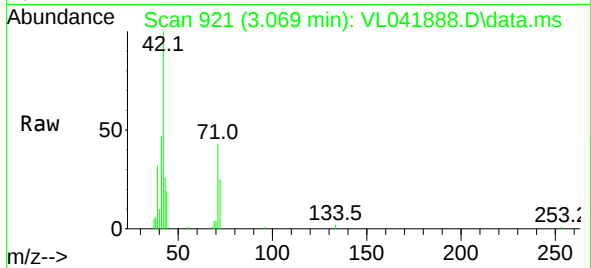




#41
Tetrahydrofuran
Concen: 0.534 ppbv
RT: 3.069 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

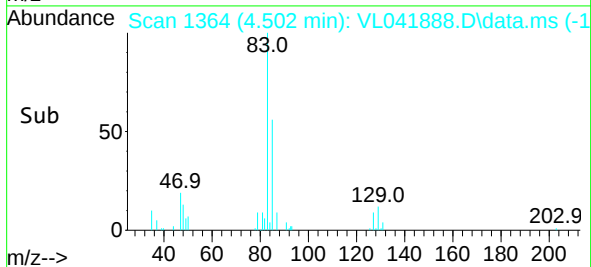
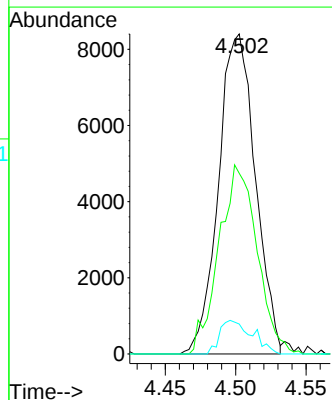
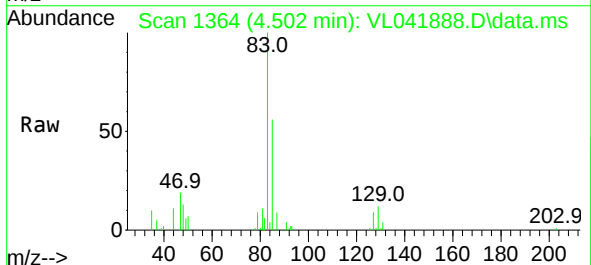
Instrument :
MSVOA_L
ClientSampleId :

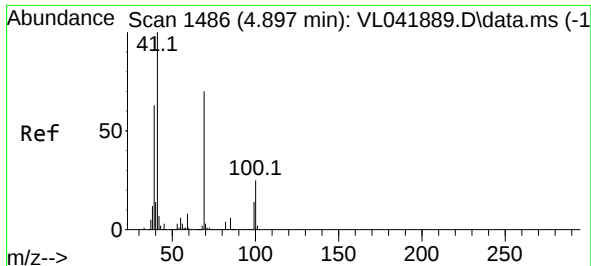
Tgt Ion: 42 Resp: 8443
Ion Ratio Lower Upper
42 100
72 39.0 32.3 48.5
71 39.7 29.9 44.9



#42
Bromodichloromethane
Concen: 0.488 ppbv
RT: 4.502 min Scan# 1364
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 83 Resp: 15340
Ion Ratio Lower Upper
83 100
85 56.4 52.6 78.8
127 9.4 6.4 9.6

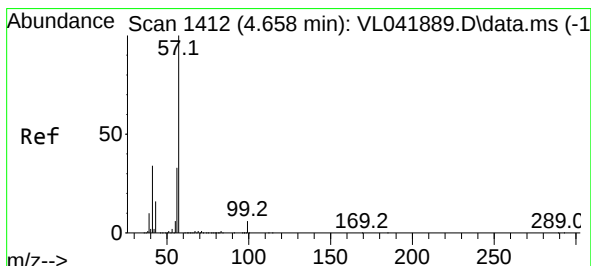
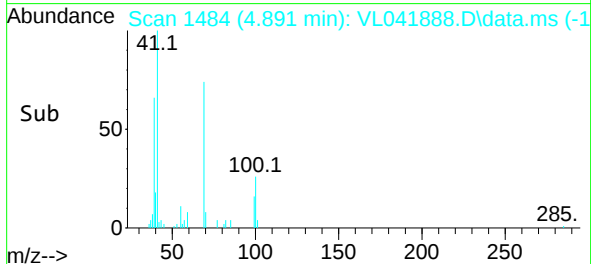
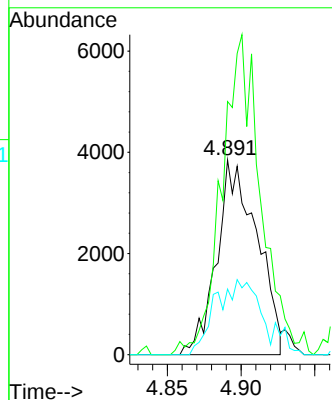
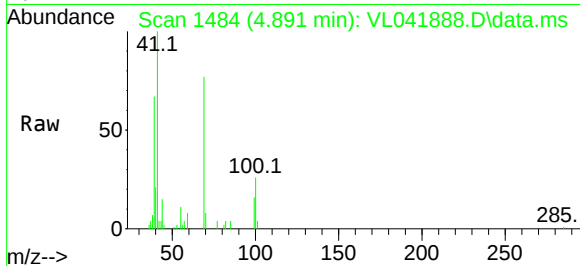




#43
Methyl Methacrylate
Concen: 0.471 ppbv
RT: 4.891 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

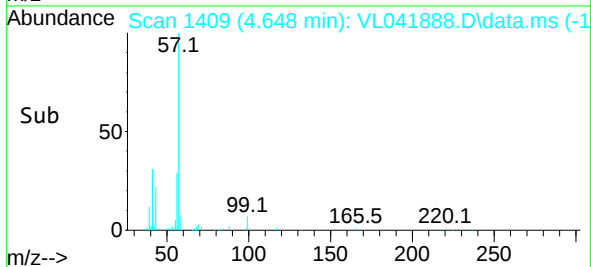
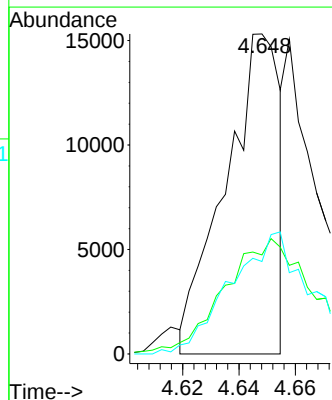
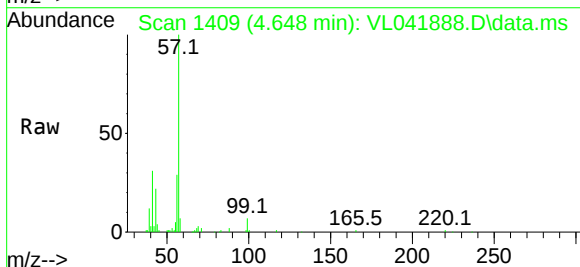
Instrument :
MSVOA_L
ClientSampleId :

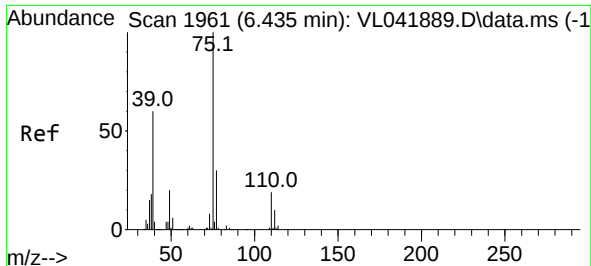
Tgt Ion: 69 Resp: 7309
Ion Ratio Lower Upper
69 100
41 158.6 118.6 177.8
100 45.7 29.3 43.9#



#44
2,2,4-Trimethylpentane
Concen: 0.304 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. -0.010 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 57 Resp: 20546
Ion Ratio Lower Upper
57 100
41 0.0 26.6 40.0#
56 0.0 25.4 38.2#





#45

t-1,3-Dichloropropene

Concen: 0.122 ppbv

RT: 6.419 min Scan# 1961

Delta R.T. -0.016 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

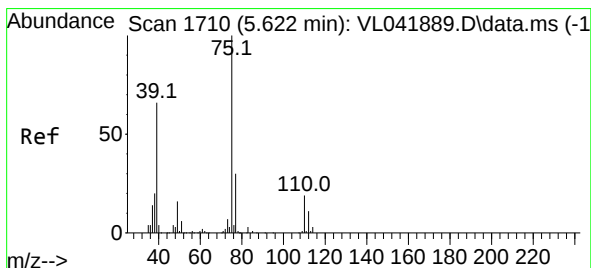
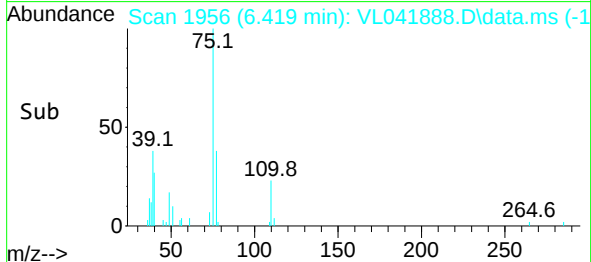
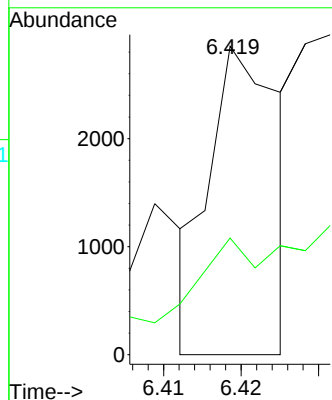
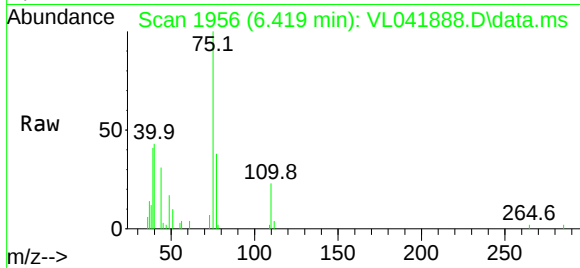
ClientSampleId :

Tgt Ion: 75 Resp: 1770

Ion Ratio Lower Upper

75 100

77 37.8 24.3 36.5#



#46

cis-1,3-Dichloropropene

Concen: 0.234 ppbv

RT: 5.609 min Scan# 1706

Delta R.T. -0.013 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

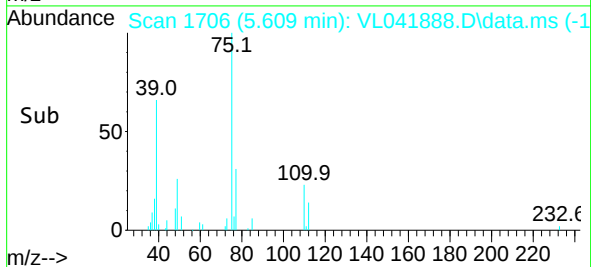
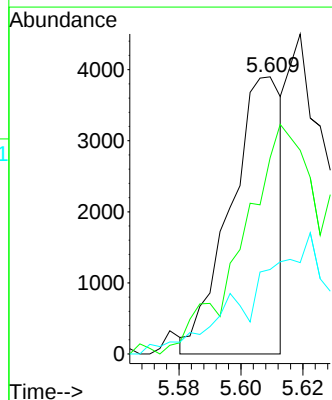
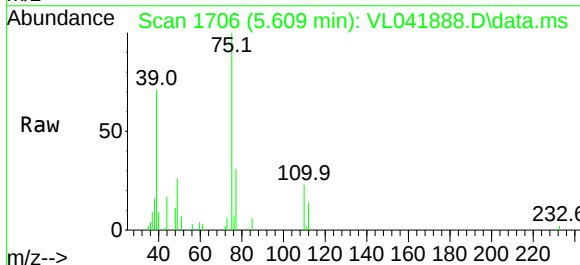
Tgt Ion: 75 Resp: 4470

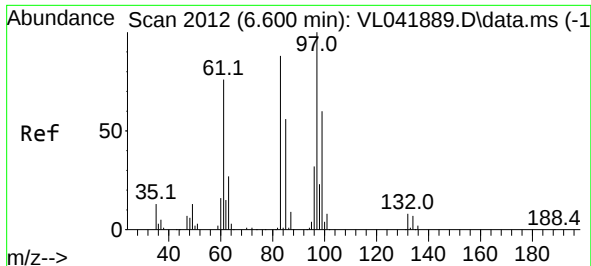
Ion Ratio Lower Upper

75 100

39 71.0 53.1 79.7

77 27.9 23.8 35.8





#47

1,1,2-Trichloroethane

Concen: 0.235 ppbv

RT: 6.597 min Scan# 20

Delta R.T. -0.003 min

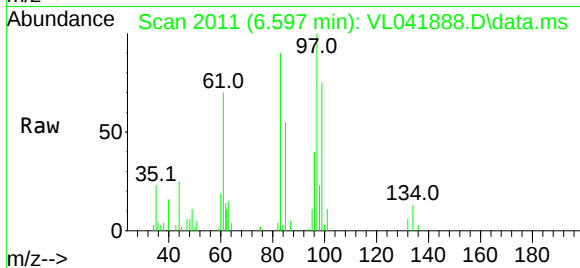
Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 3651

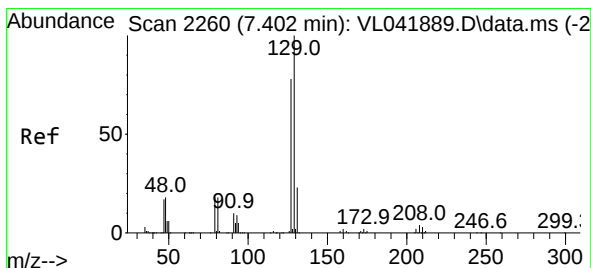
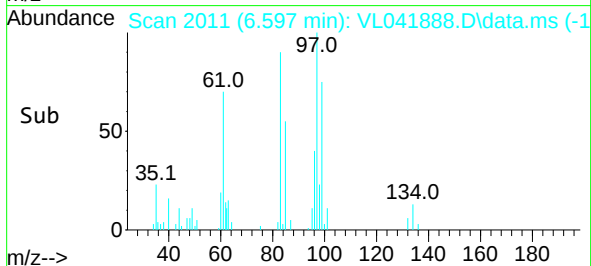
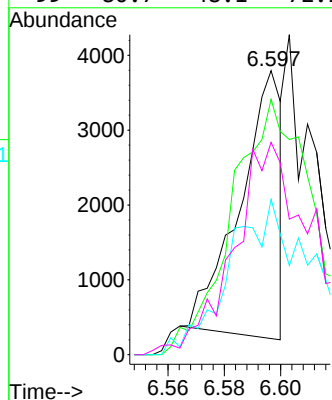
Ion Ratio Lower Upper

97 100

83 89.4 70.4 105.6

85 57.9 45.0 67.4

99 80.7 48.1 72.1#



#48

Dibromochloromethane

Concen: 0.463 ppbv

RT: 7.399 min Scan# 2259

Delta R.T. -0.003 min

Lab File: VL041888.D

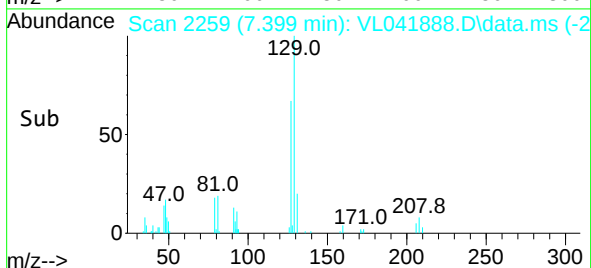
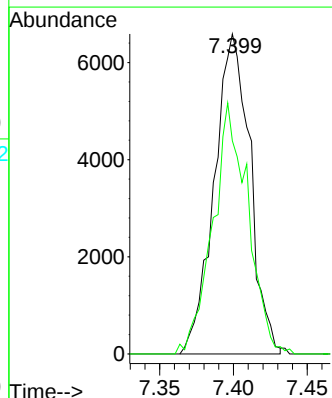
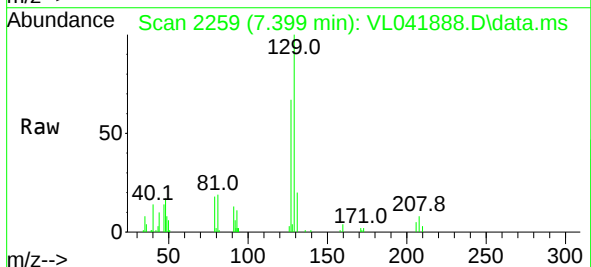
Acq: 14 Jan 2025 11:40

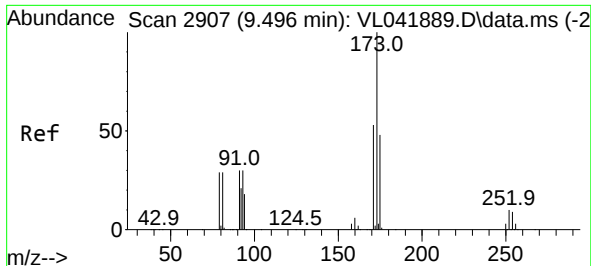
Tgt Ion: 129 Resp: 11087

Ion Ratio Lower Upper

129 100

127 77.2 39.3 117.8

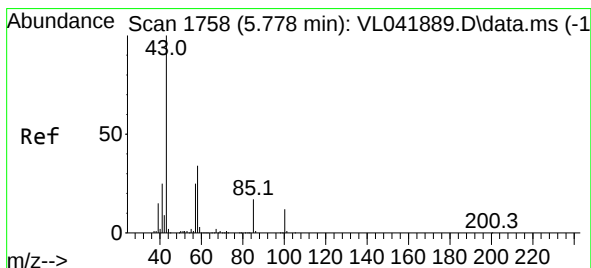
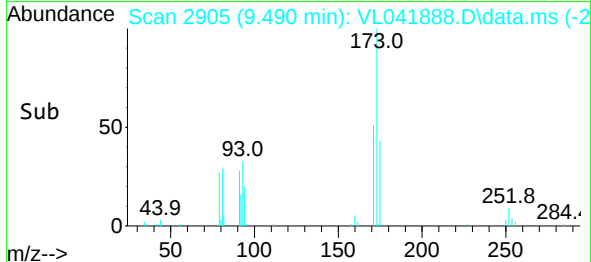
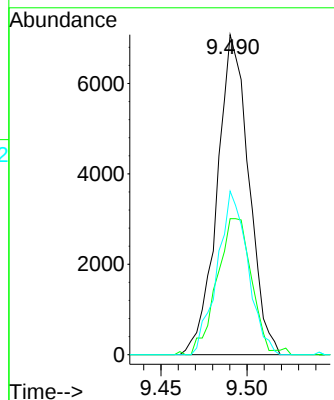
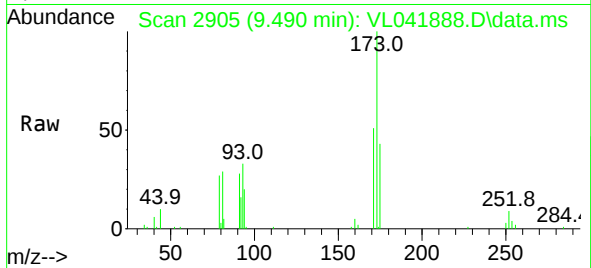




#49
Bromoform
Concen: 0.461 ppbv
RT: 9.490 min Scan# 2907
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

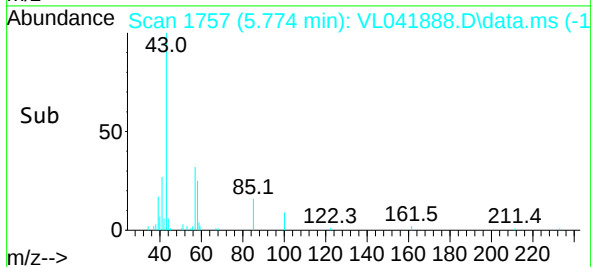
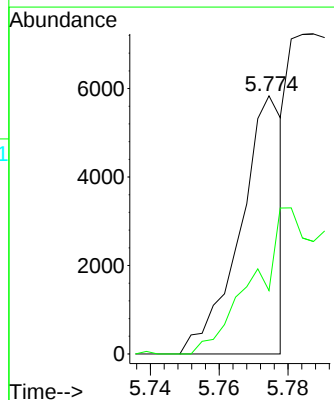
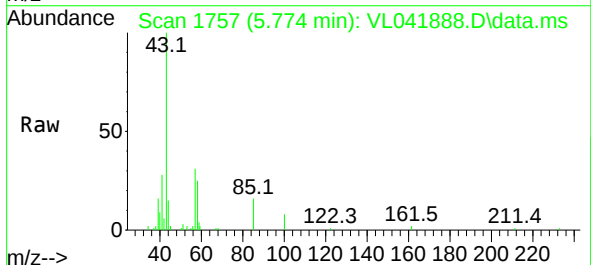
Instrument :
MSVOA_L
ClientSampleId :

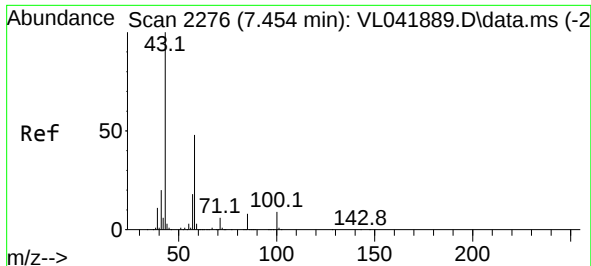
Tgt Ion:173 Resp: 9073
Ion Ratio Lower Upper
173 100
175 46.6 38.4 57.6
171 49.2 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 0.126 ppbv
RT: 5.774 min Scan# 1757
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 43 Resp: 4977
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#

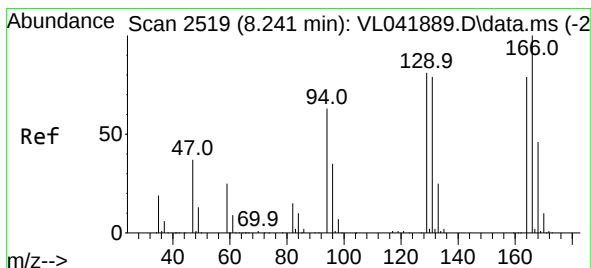
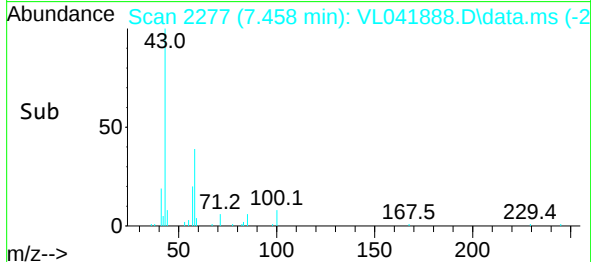
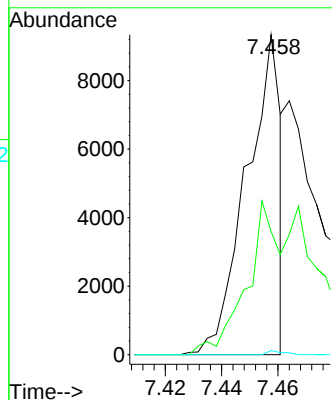
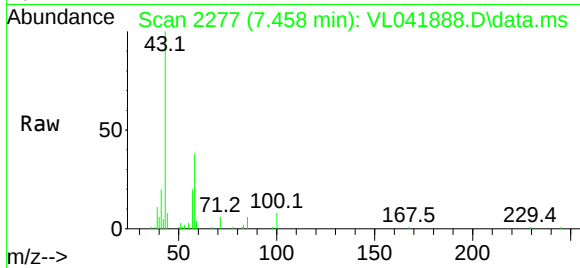




#51
2-Hexanone
Concen: 0.259 ppbv
RT: 7.458 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

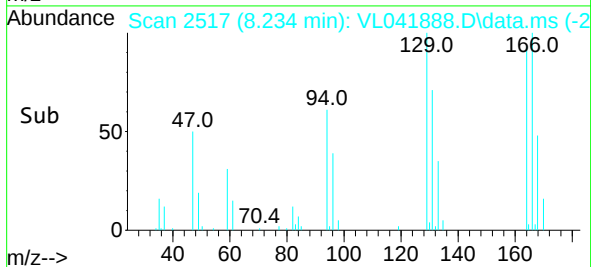
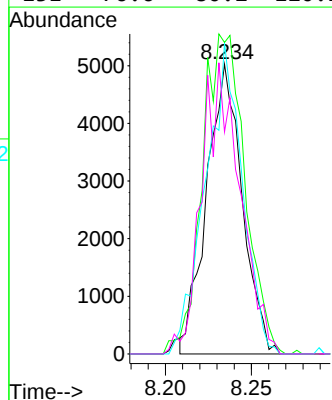
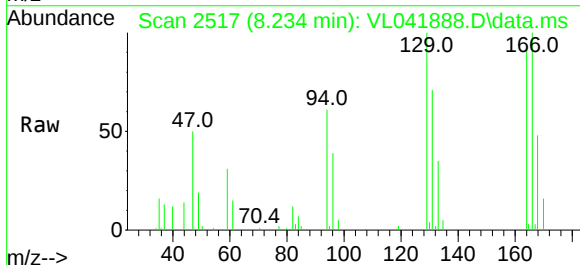
Instrument :
MSVOA_L
ClientSampleId :

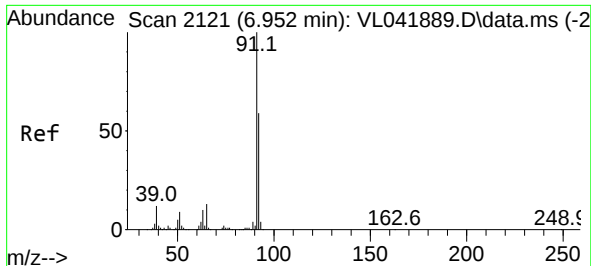
Tgt Ion: 43 Resp: 7862
Ion Ratio Lower Upper
43 100
58 95.9 40.4 60.6#
98 0.6 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.498 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 164 Resp: 7221
Ion Ratio Lower Upper
164 100
166 106.2 100.8 151.2
129 107.3 82.0 123.0
131 76.6 80.2 120.2#

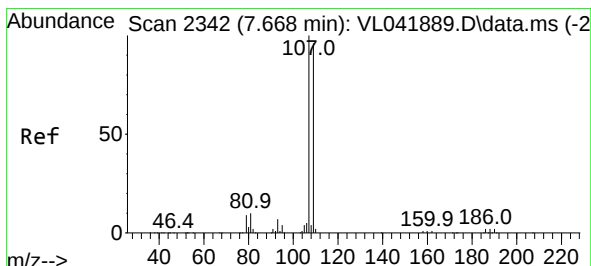
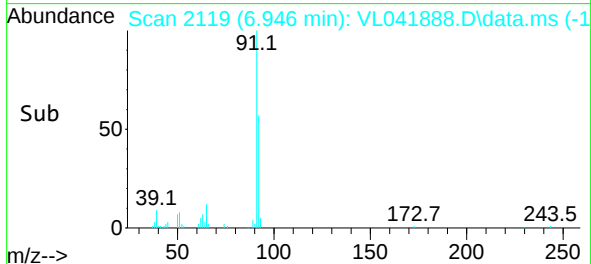
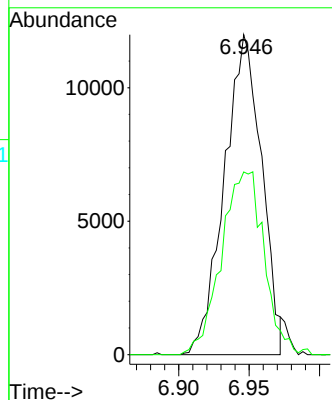
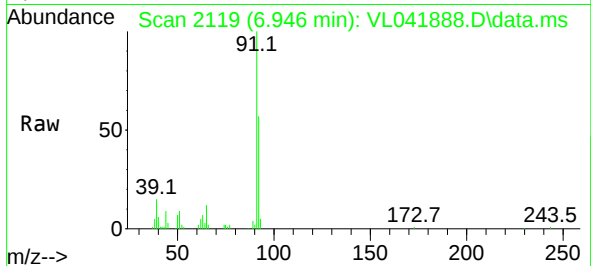




#53
Toluene
Concen: 0.487 ppbv
RT: 6.946 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

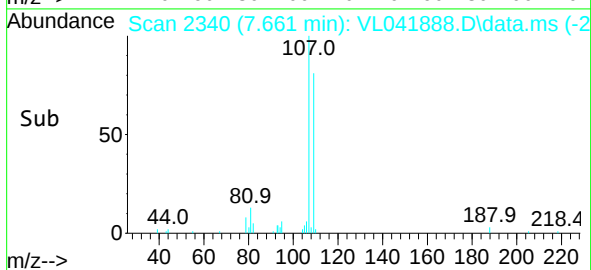
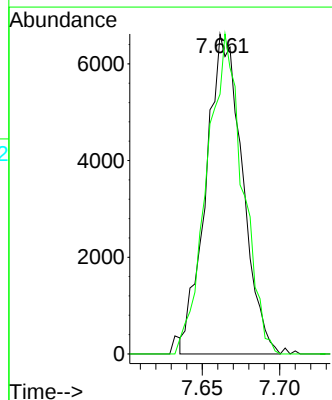
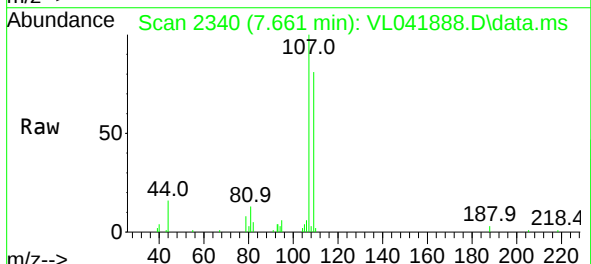
Instrument :
MSVOA_L
ClientSampleId :

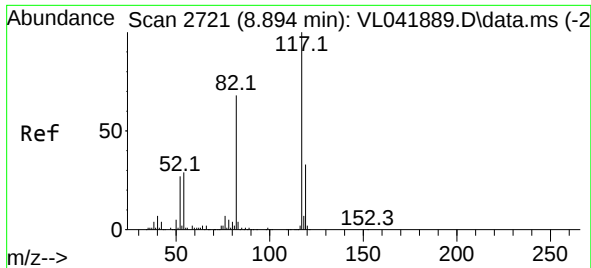
Tgt Ion: 91 Resp: 22160
Ion Ratio Lower Upper
91 100
92 65.4 47.4 71.0



#54
1,2-Dibromoethane
Concen: 0.506 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 107 Resp: 10815
Ion Ratio Lower Upper
107 100
109 81.2 76.7 115.1

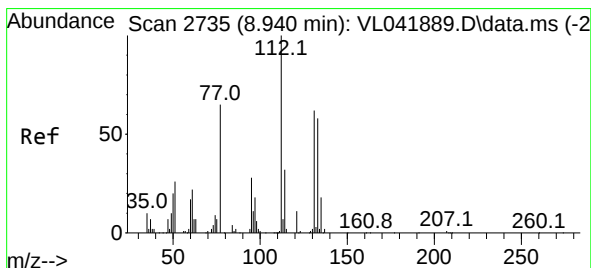
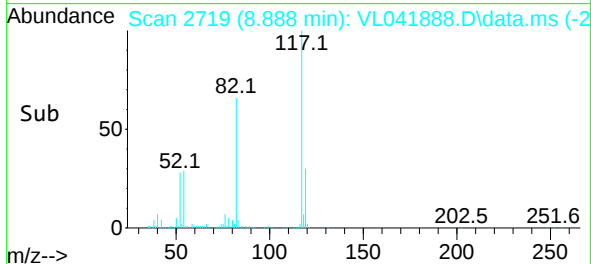
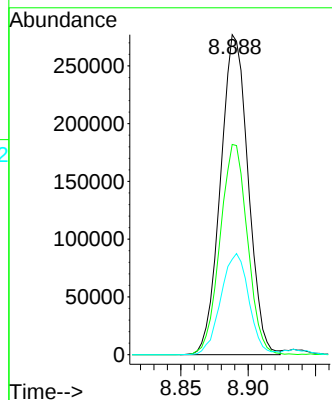
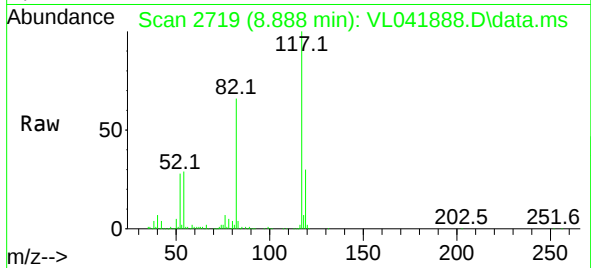




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

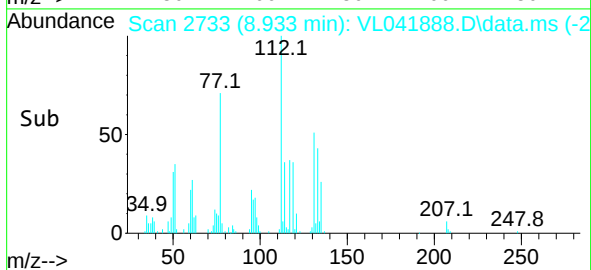
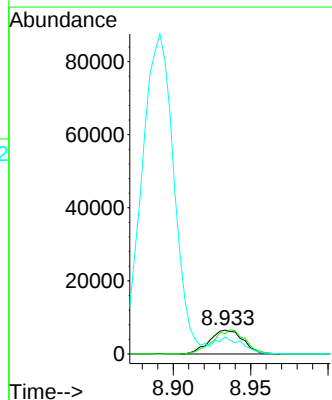
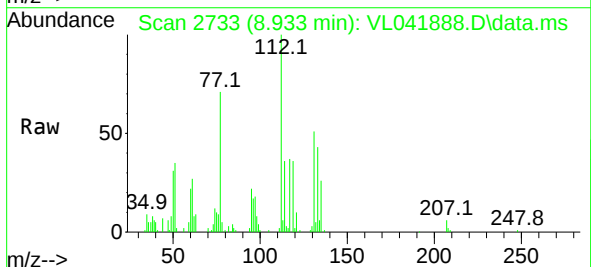
Instrument :
MSVOA_L
ClientSampleId :

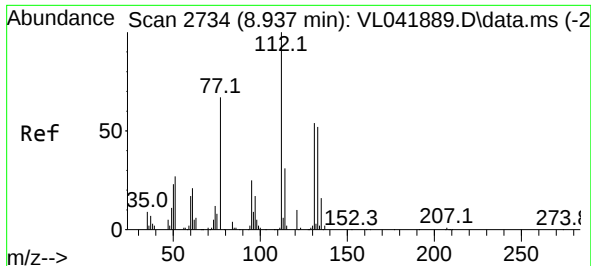
Tgt Ion:117 Resp: 395574
Ion Ratio Lower Upper
117 100
82 65.1 54.2 81.4
119 33.5 25.0 37.6



#56
1,1,1,2-Tetrachloroethane
Concen: 0.500 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion:131 Resp: 9870
Ion Ratio Lower Upper
131 100
133 97.8 76.0 114.0
119 1343.5 49.7 74.5#

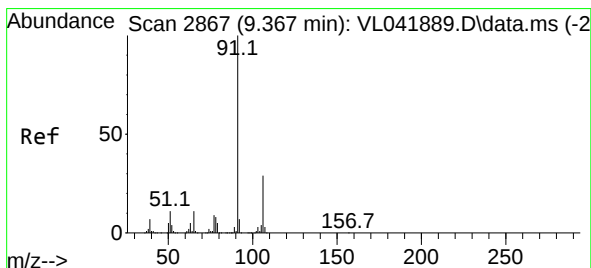
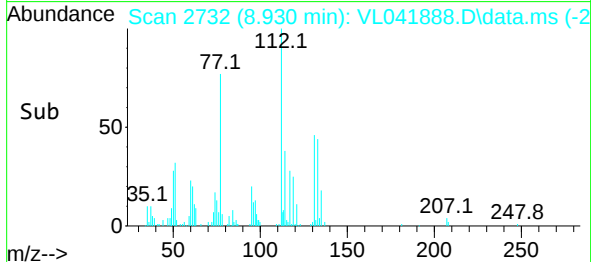
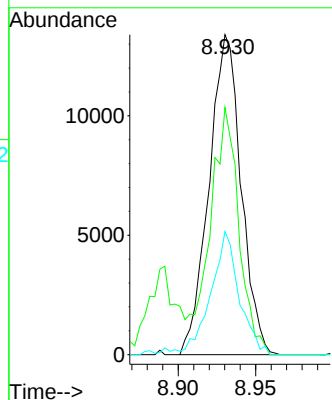
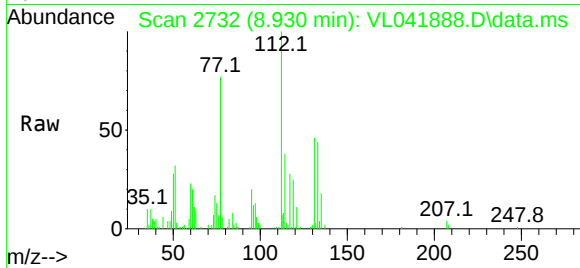




#57
Chlorobenzene
Concen: 0.530 ppbv
RT: 8.930 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

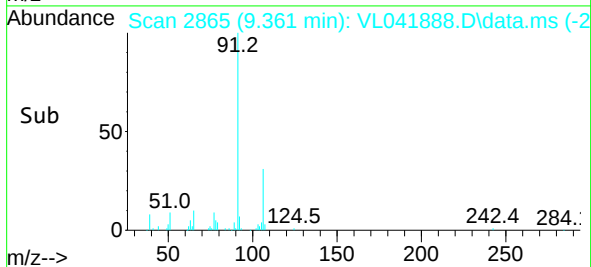
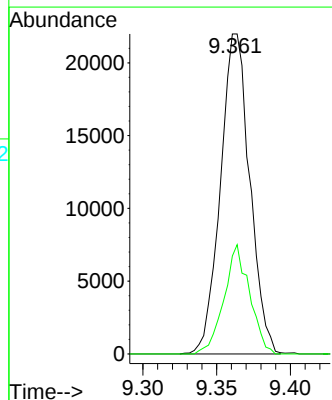
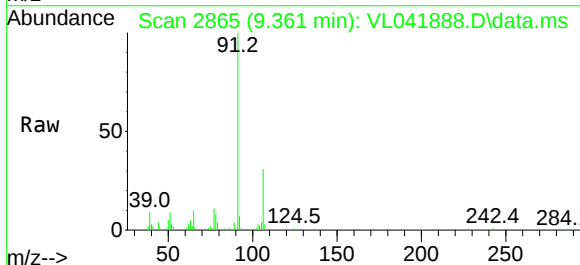
Instrument :
MSVOA_L
ClientSampleId :

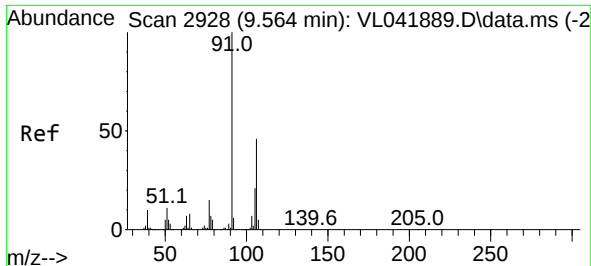
Tgt Ion:112 Resp: 19334
Ion Ratio Lower Upper
112 100
77 77.3 54.6 82.0
114 38.5 28.2 34.4#



#58
Ethyl Benzene
Concen: 0.493 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 91 Resp: 30456
Ion Ratio Lower Upper
91 100
106 30.6 23.1 34.7

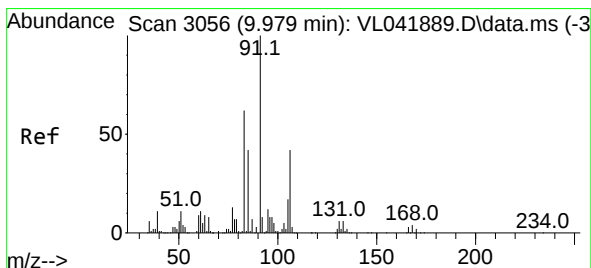
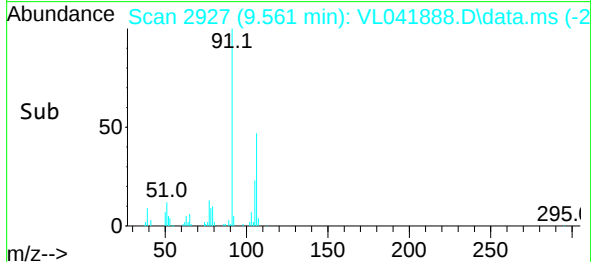
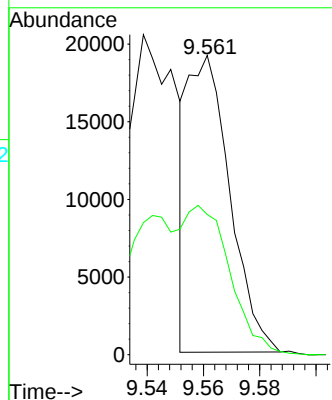
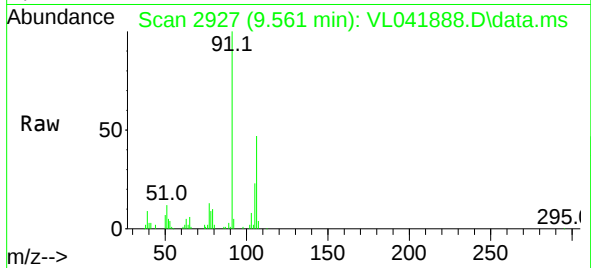




#59
m/p-Xylene
Concen: 0.399 ppbv
RT: 9.561 min Scan# 2928
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

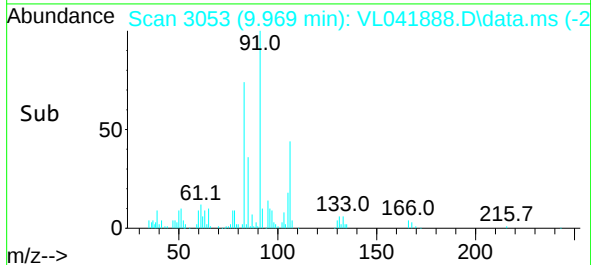
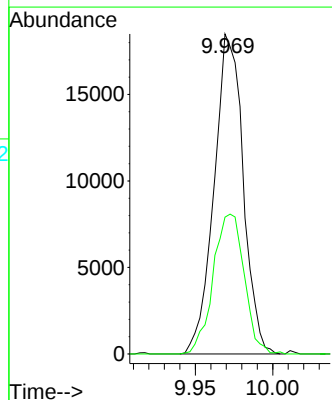
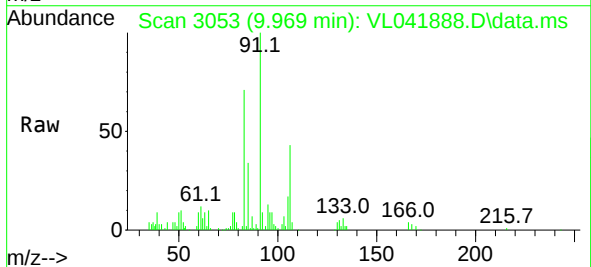
Instrument :
MSVOA_L
ClientSampleId :

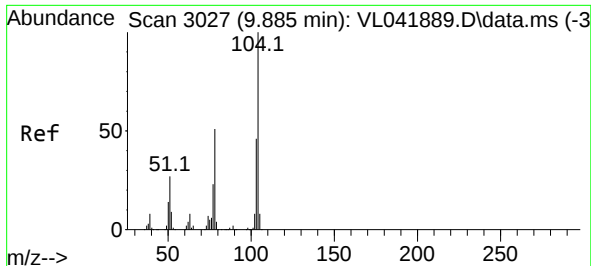
Tgt Ion: 91 Resp: 19790
Ion Ratio Lower Upper
91 100
106 115.2 36.0 54.0#



#60
o-Xylene
Concen: 0.491 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.010 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 91 Resp: 24142
Ion Ratio Lower Upper
91 100
106 46.6 21.3 63.9

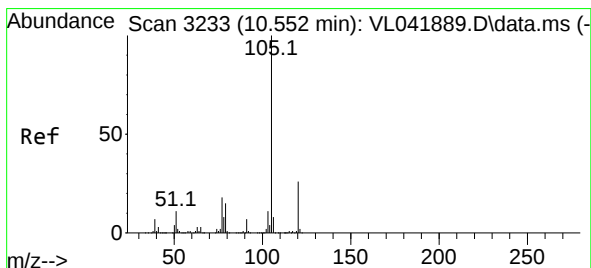
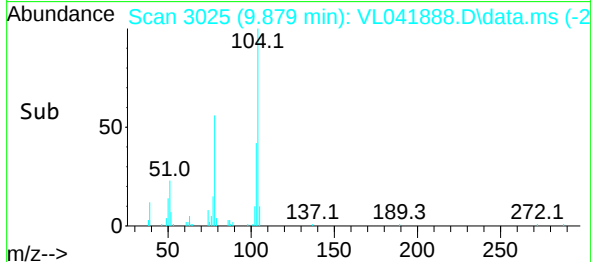
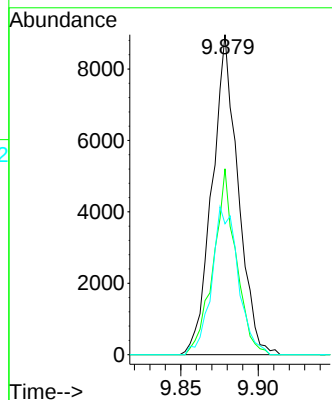
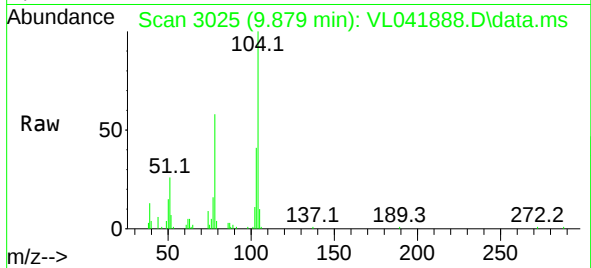




#61
Styrene
Concen: 0.473 ppbv
RT: 9.879 min Scan# 3027
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

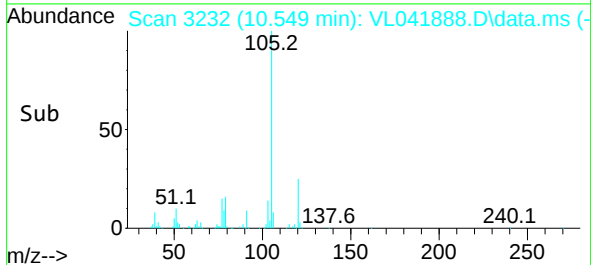
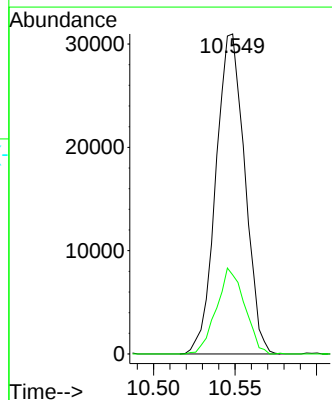
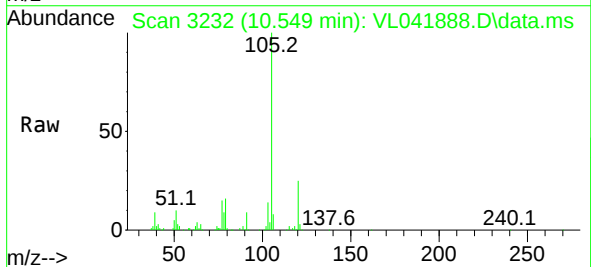
Instrument :
MSVOA_L
ClientSampleId :

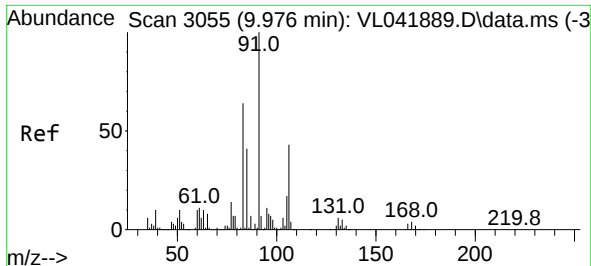
Tgt Ion:104 Resp: 10428
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.6
103 47.2 37.2 55.8



#62
Isopropylbenzene
Concen: 0.502 ppbv
RT: 10.549 min Scan# 3232
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion:105 Resp: 38174
Ion Ratio Lower Upper
105 100
120 26.1 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 0.537 ppbv

RT: 9.969 min Scan# 3055

Delta R.T. -0.006 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

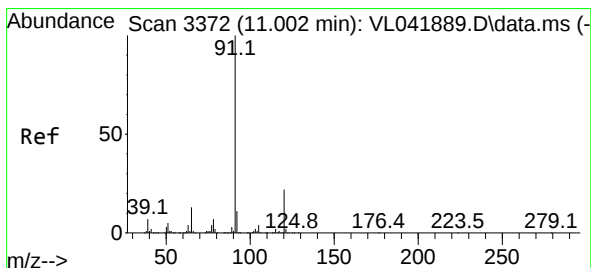
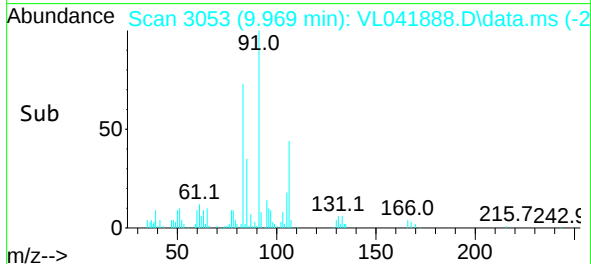
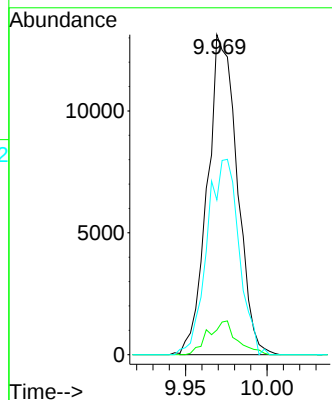
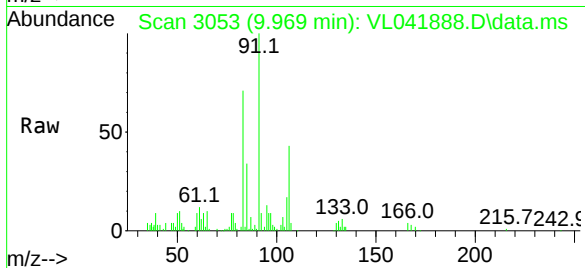
Tgt Ion: 83 Resp: 16637

Ion Ratio Lower Upper

83 100

131 10.2 4.8 14.4

85 65.6 32.4 97.2



#64

n-propylbenzene

Concen: 0.448 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. -0.006 min

Lab File: VL041888.D

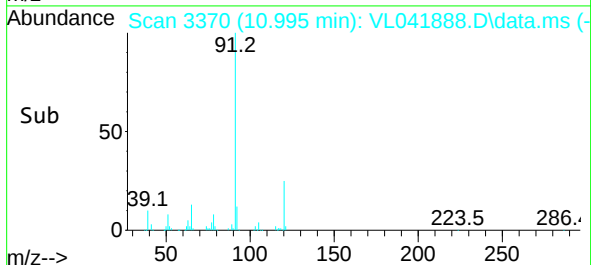
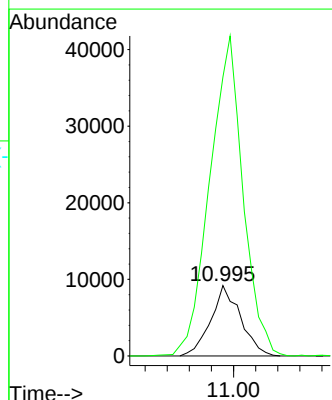
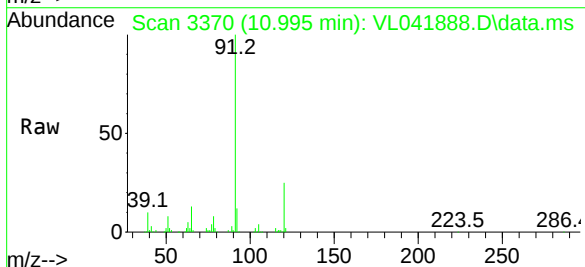
Acq: 14 Jan 2025 11:40

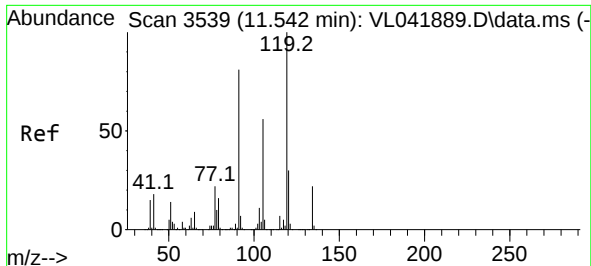
Tgt Ion: 120 Resp: 8606

Ion Ratio Lower Upper

120 100

91 508.2 374.1 561.1

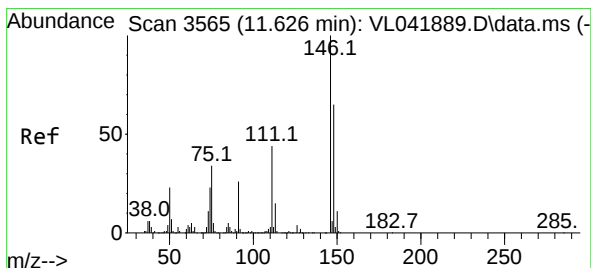
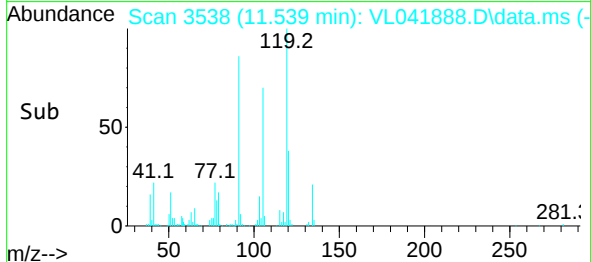
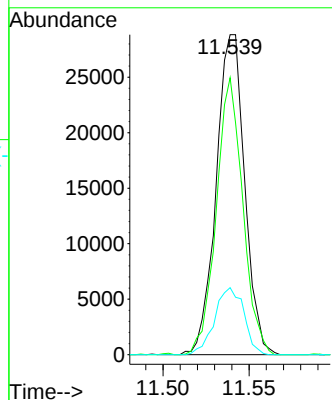
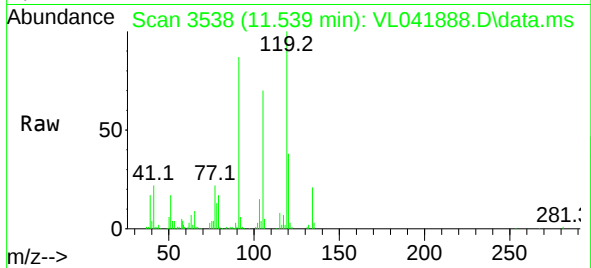




#65
tert-Butylbenzene
Concen: 0.479 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

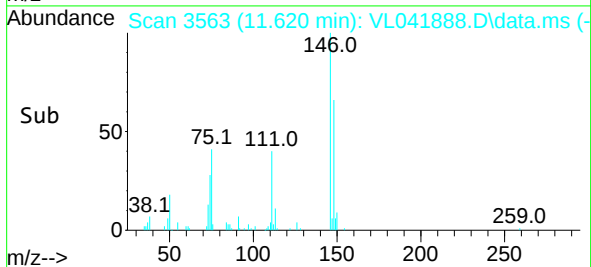
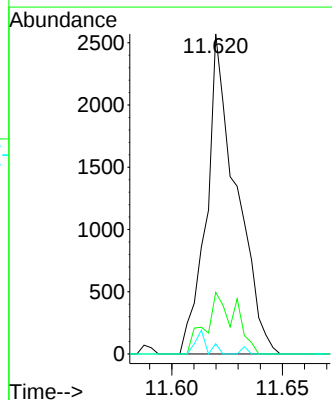
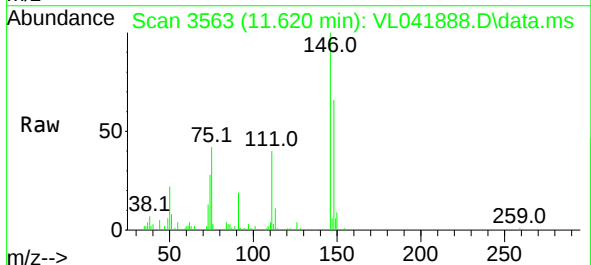
Instrument :
MSVOA_L
ClientSampleId :

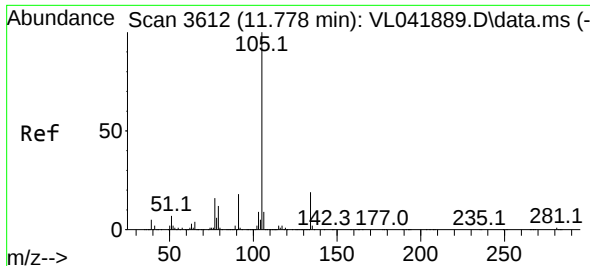
Tgt Ion:119 Resp: 33232
Ion Ratio Lower Upper
119 100
91 80.6 64.6 97.0
134 21.5 16.8 25.2



#66
Benzyl Chloride
Concen: 0.558 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 91 Resp: 2397
Ion Ratio Lower Upper
91 100
126 19.3 14.1 21.1
128 3.3 4.3 6.5#

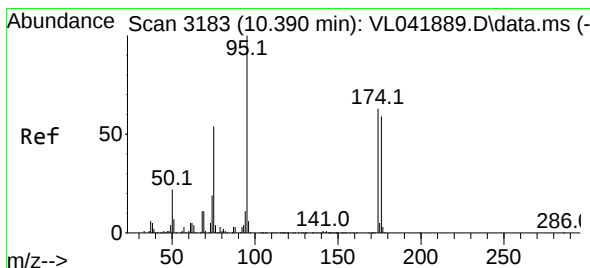
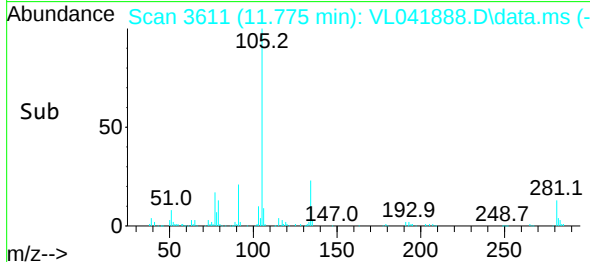
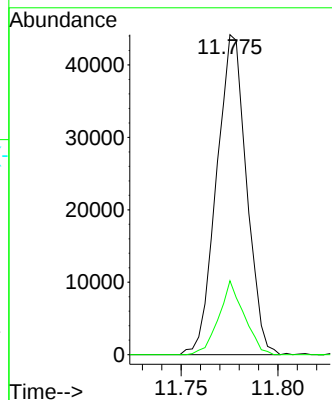
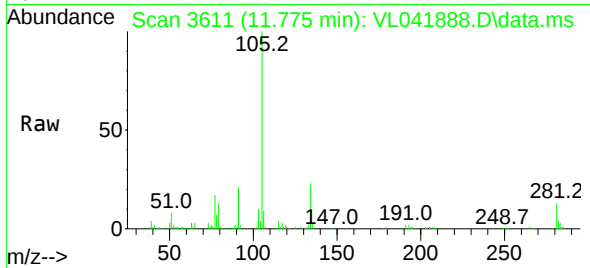




#67
 sec-Butylbenzene
 Concen: 0.497 ppbv
 RT: 11.775 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

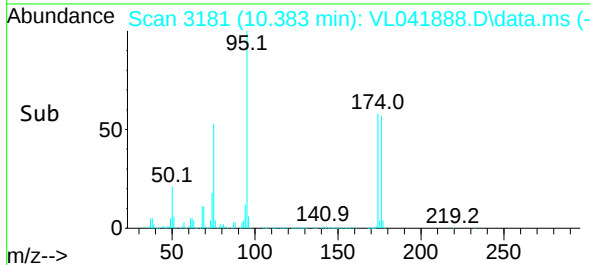
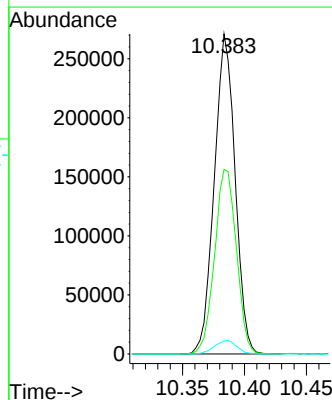
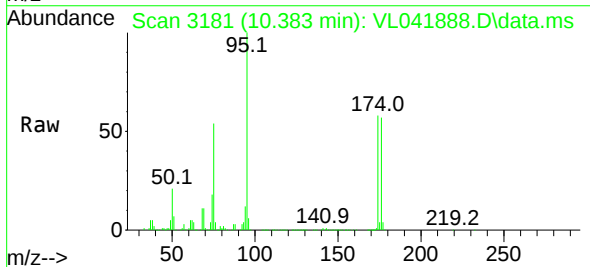
Instrument :
 MSVOA_L
 ClientSampleId :

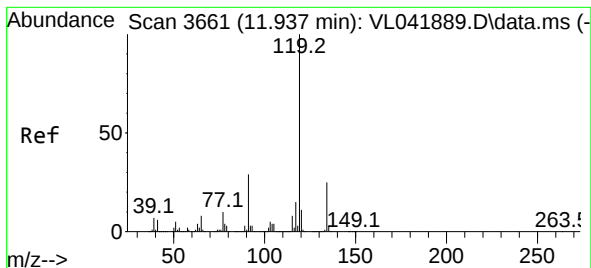
Tgt Ion:105 Resp: 47437
 Ion Ratio Lower Upper
 105 100
 134 19.6 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.182 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. -0.006 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

Tgt Ion: 95 Resp: 317243
 Ion Ratio Lower Upper
 95 100
 174 60.4 49.0 73.4
 175 4.5 3.8 5.8

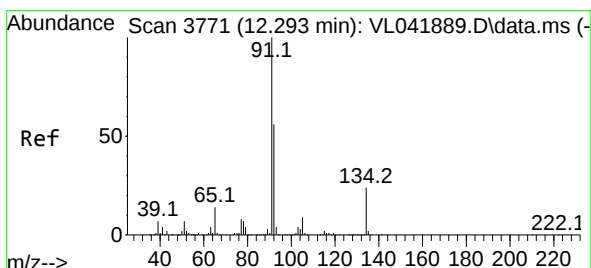
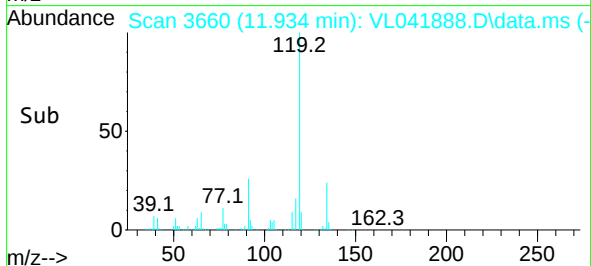
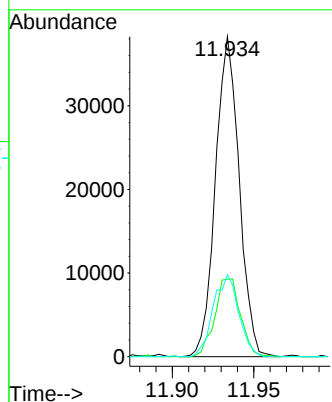
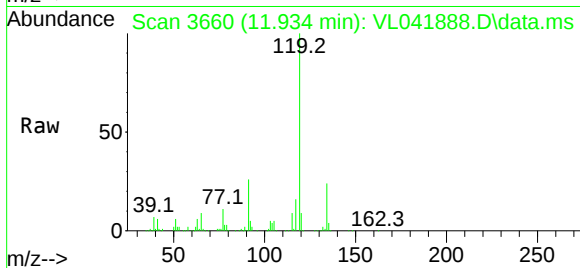




#69
 p-Isopropyltoluene
 Concen: 0.493 ppbv
 RT: 11.934 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

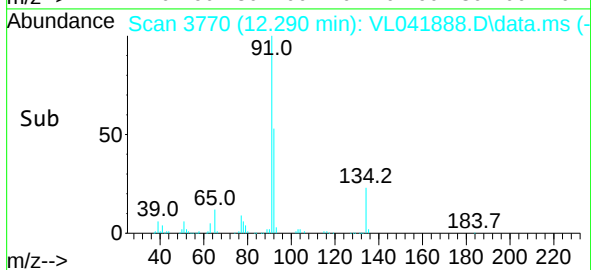
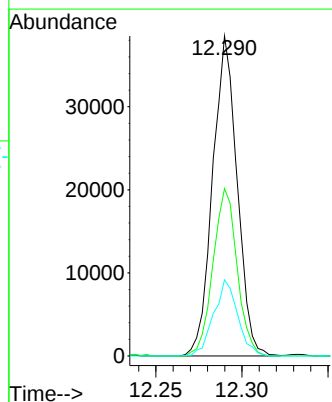
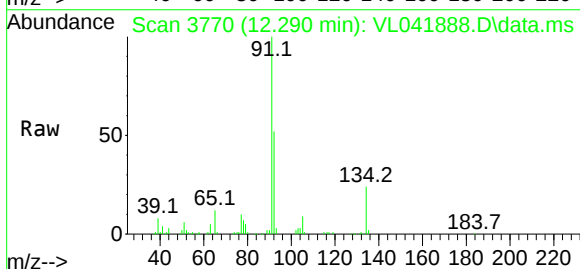
Instrument :
 MSVOA_L
 ClientSampleId :

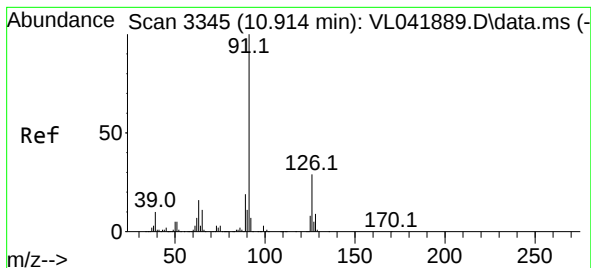
Tgt Ion:119 Resp: 38770
 Ion Ratio Lower Upper
 119 100
 134 26.3 19.8 29.6
 91 27.5 23.0 34.4



#70
 n-Butylbenzene
 Concen: 0.489 ppbv
 RT: 12.290 min Scan# 3770
 Delta R.T. -0.003 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

Tgt Ion: 91 Resp: 38146
 Ion Ratio Lower Upper
 91 100
 92 51.6 43.8 65.6
 134 23.4 19.0 28.6





#71

2-Chlorotoluene

Concen: 0.489 ppbv

RT: 10.911 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

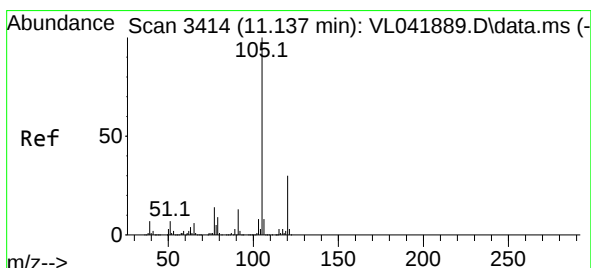
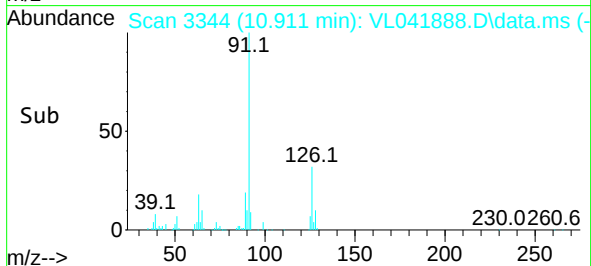
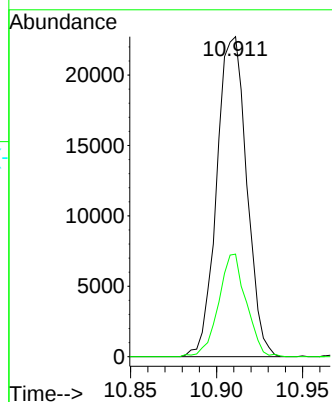
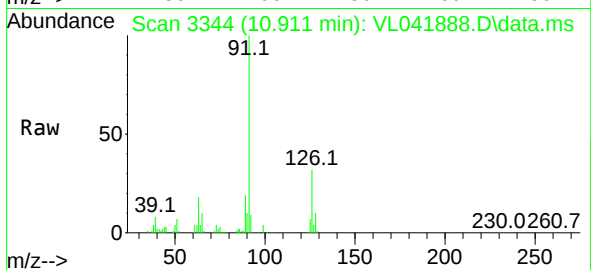
ClientSampleId :

Tgt Ion: 91 Resp: 27534

Ion Ratio Lower Upper

91 100

126 29.5 11.7 46.7



#72

4-Ethyltoluene

Concen: 0.481 ppbv

RT: 11.131 min Scan# 3412

Delta R.T. -0.006 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Tgt Ion: 105 Resp: 28313

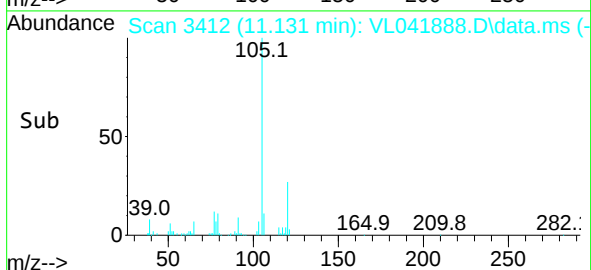
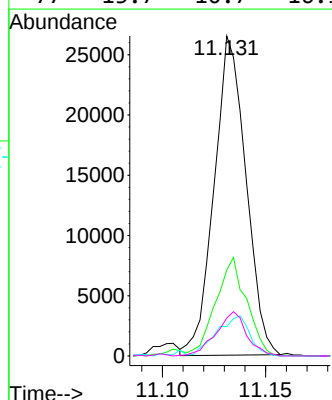
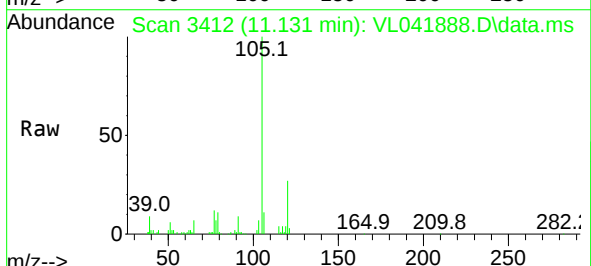
Ion Ratio Lower Upper

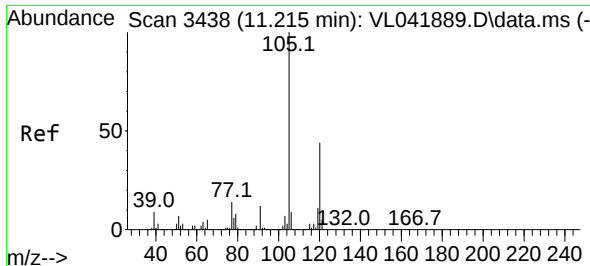
105 100

120 31.3 23.7 35.5

91 13.9 10.2 15.2

77 13.7 10.7 16.1

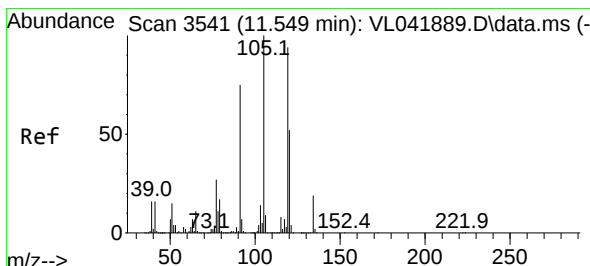
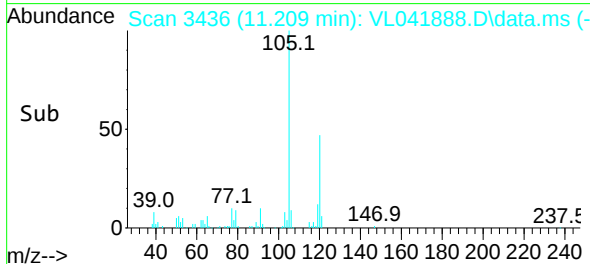
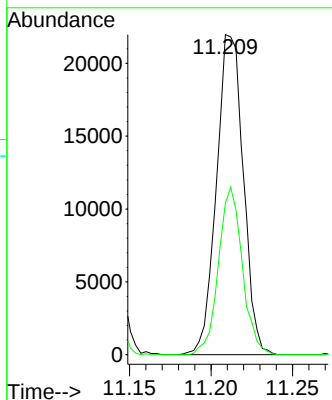
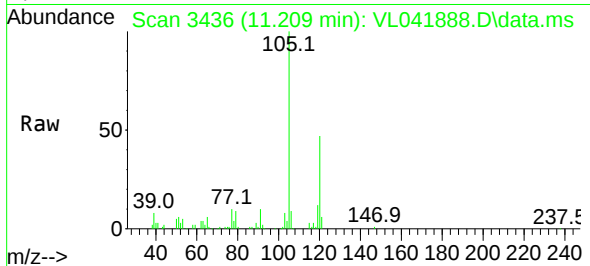




#73
1,3,5-Trimethylbenzene
Concen: 0.484 ppbv
RT: 11.209 min Scan# 3438
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

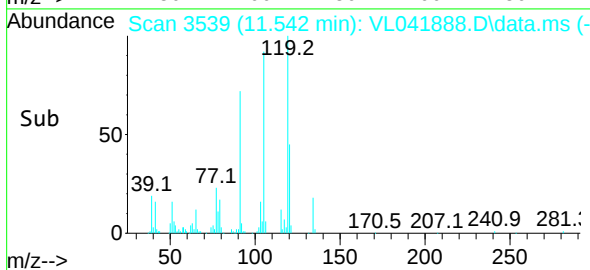
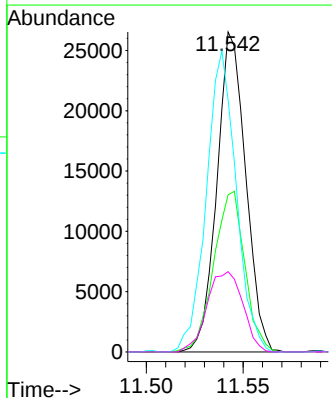
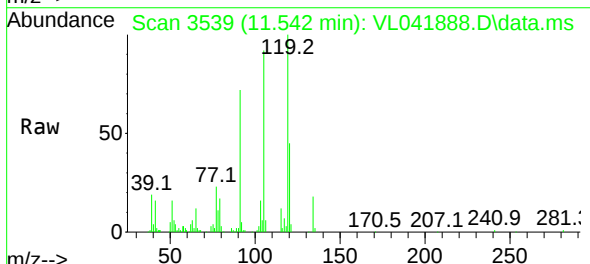
Instrument :
MSVOA_L
ClientSampleId :

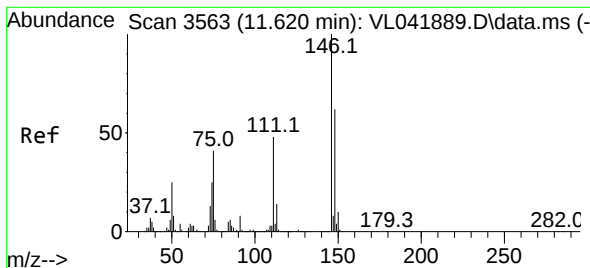
Tgt Ion:105 Resp: 25156
Ion Ratio Lower Upper
105 100
120 47.4 35.4 53.2



#74
1,2,4-Trimethylbenzene
Concen: 0.488 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion:105 Resp: 27444
Ion Ratio Lower Upper
105 100
120 49.1 41.4 62.2
91 78.7 60.2 90.2
77 25.1 22.0 33.0





#75

1,3-Dichlorobenzene

Concen: 0.511 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. -0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

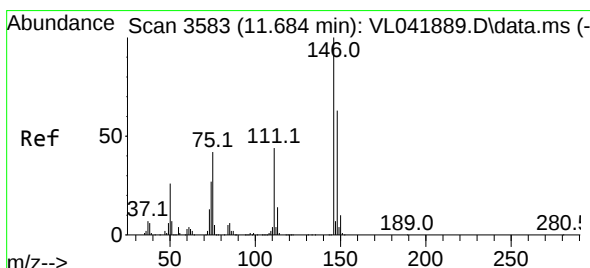
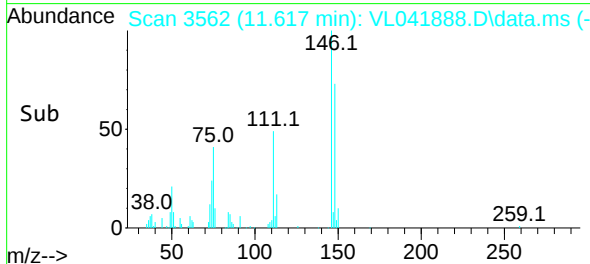
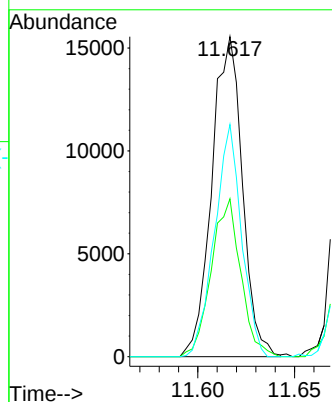
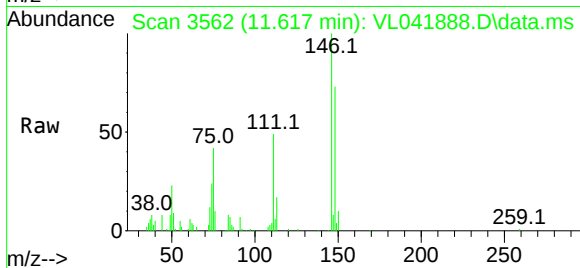
Tgt Ion:146 Resp: 17033

Ion Ratio Lower Upper

146 100

111 47.6 23.6 70.8

148 64.3 31.4 94.0



#76

1,4-Dichlorobenzene

Concen: 0.551 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. -0.006 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

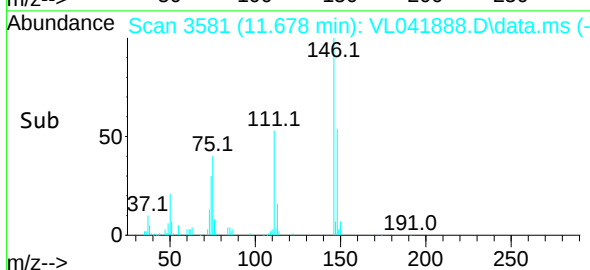
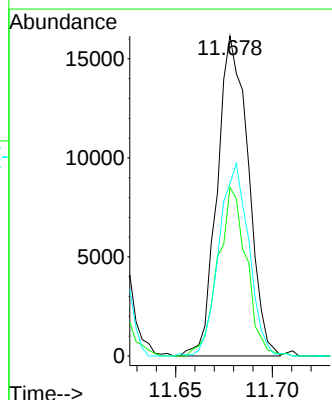
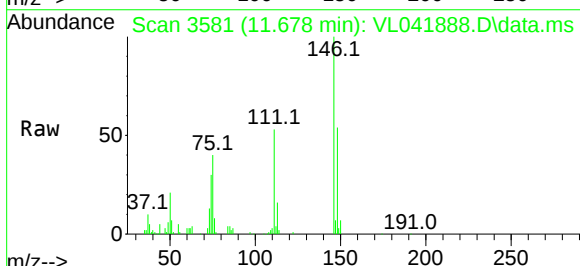
Tgt Ion:146 Resp: 17963

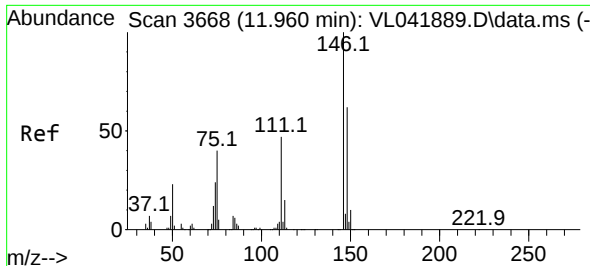
Ion Ratio Lower Upper

146 100

111 48.4 22.4 67.0

148 58.2 31.9 95.5

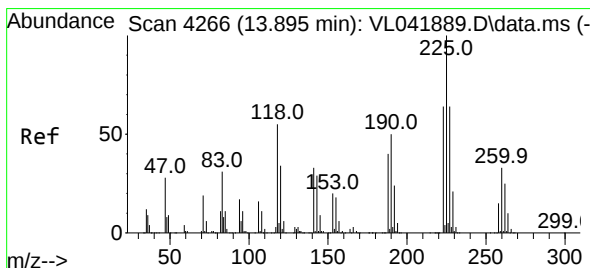
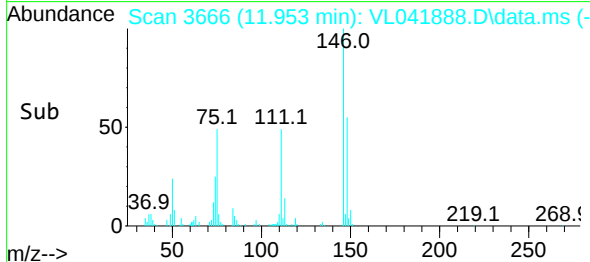
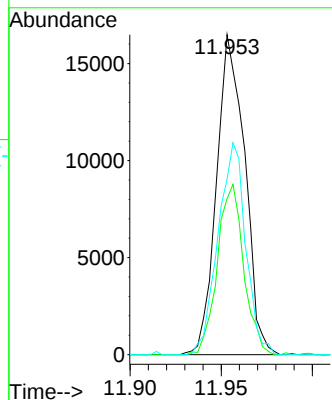
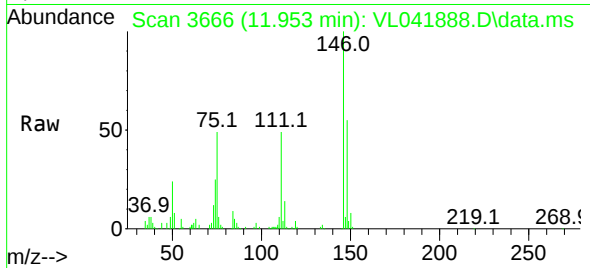




#77
1,2-Dichlorobenzene
Concen: 0.538 ppbv
RT: 11.953 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

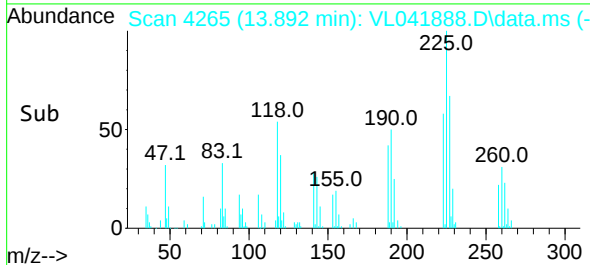
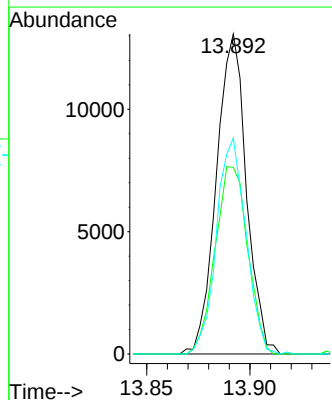
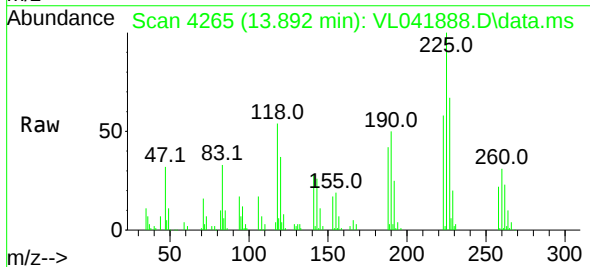
Instrument :
MSVOA_L
ClientSampleId :

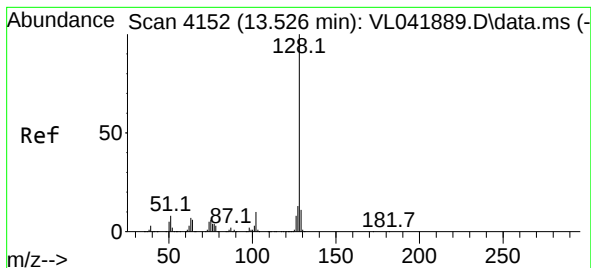
Tgt Ion:146 Resp: 17772
Ion Ratio Lower Upper
146 100
111 49.9 24.2 72.6
148 65.0 31.7 95.1



#78
Hexachloro-1,3-Butadiene
Concen: 0.487 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion:225 Resp: 13201
Ion Ratio Lower Upper
225 100
223 63.7 50.8 76.2
227 66.4 50.3 75.5





#79

Naphthalene

Concen: 0.577 ppbv

RT: 13.523 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041888.D

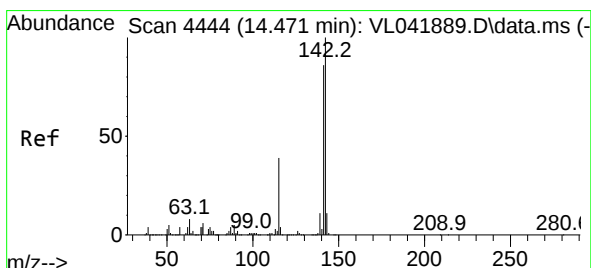
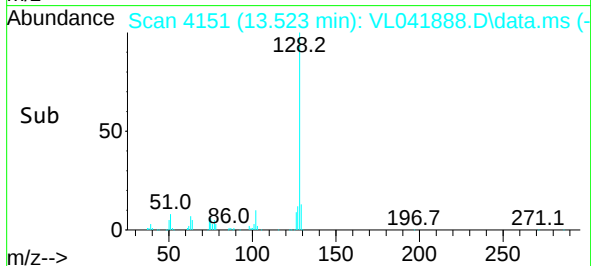
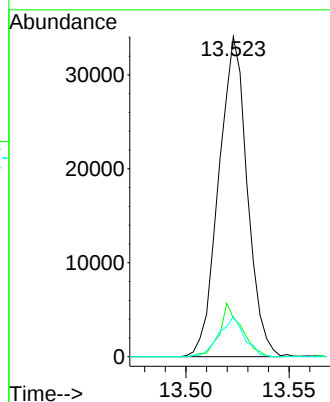
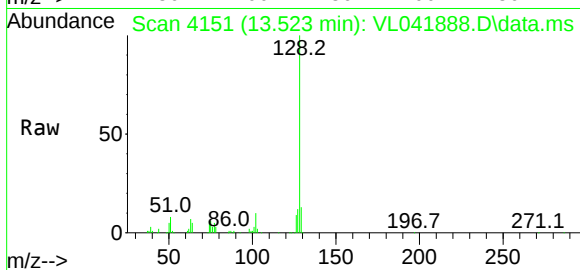
Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	128	Resp:	32709
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.2	15.4
129	12.6	9.1	13.7



#80

Naphthalene,2-methyl-

Concen: 0.595 ppbv

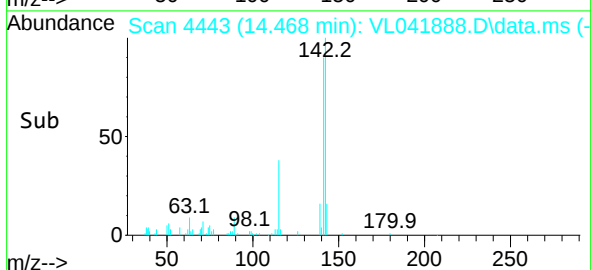
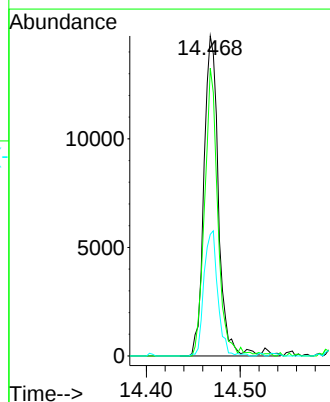
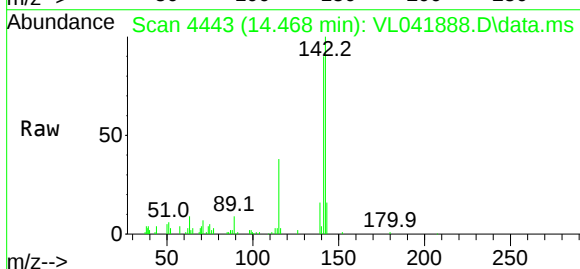
RT: 14.468 min Scan# 4443

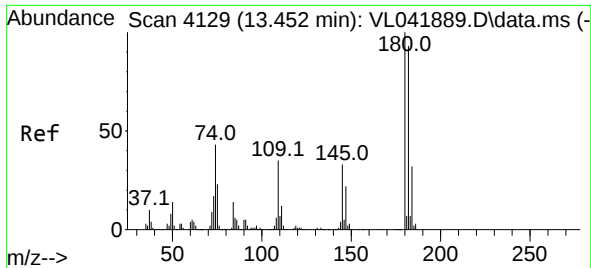
Delta R.T. -0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

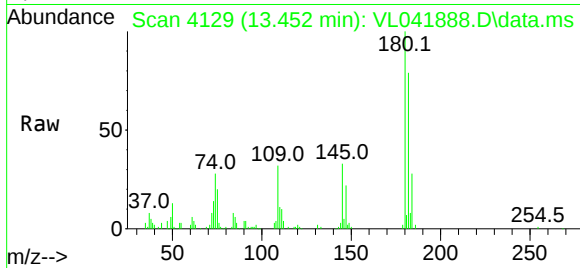
Tgt Ion:	142	Resp:	15991
Ion Ratio	Lower	Upper	
142	100		
141	81.5	68.1	102.1
115	36.9	31.7	47.5





#81
 1,2,4-Trichlorobenzene
 Concen: 0.565 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	180	Resp:	15628
Ion	Ratio	Lower	Upper
180	100		
182	88.9	77.0	115.6
184	30.0	24.9	37.3

