

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101525\
 Data File : VL043122.D
 Acq On : 15 Oct 2025 15:57
 Operator : SY/MD
 Sample : VL1015ABSD01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1015ABSD01

Quant Time: Oct 16 01:19:11 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Wed Oct 15 02:12:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	91615	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	294311	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	260330	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 212144 10.484 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	146031	11.212	ppbv	100
3) Chlorodifluoromethane	1.479	51	132400	9.396	ppbv	93
4) Chloromethane	1.538	50	49080	9.512	ppbv	98
5) Vinyl Chloride	1.583	62	50236	9.926	ppbv	97
6) Bromomethane	1.670	94	29349	10.576	ppbv	99
7) Chloroethane	1.709	64	19982	9.657	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	112911	10.726	ppbv	97
9) Propene	1.486	41	48992	7.839	ppbv	98
10) Heptane	4.991	43	146679	8.152	ppbv	97
11) Trichlorofluoromethane	1.881	101	153762	12.069	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.146	101	115644	11.275	ppbv	96
13) Ethanol	1.725	45	17793	7.696	ppbv	94
14) Bromoethene	1.787	108	41213	10.816	ppbv	99
15) Acetone	1.839	43	118839	9.624	ppbv	97
16) 1,3-Butadiene	1.612	39	55311	9.399	ppbv	98
17) tert-Butyl alcohol	2.043	59	174619	10.302	ppbv	98
18) 1,1-Dichloroethene	2.039	96	51012	11.408	ppbv	87
19) Isopropyl Alcohol	1.887	45	73121	9.508	ppbv	99
20) Methylene Chloride	2.065	84	44858	9.190	ppbv	89
21) Allyl Chloride	2.101	41	90557	9.952	ppbv	91
22) trans-1,2-Dichloroethene	2.347	96	56333	10.539	ppbv	97
23) Vinyl Acetate	2.467	43	177669	9.822	ppbv	98
24) 1,1-Dichloroethane	2.415	63	113663	11.006	ppbv	99
25) Ethyl Acetate	2.839	43	271918	8.880	ppbv	99
26) Hexane	2.832	57	126655	8.976	ppbv	97
27) Carbon Disulfide	2.156	76	137853	10.663	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	69446	10.818	ppbv	96
29) Chloroform	2.855	83	214588	10.496	ppbv	100
30) Cyclohexane	3.865	84	112065	9.100	ppbv	92
31) cis-1,2-Dichloroethene	2.725	61	137648	10.216	ppbv	99
32) 1,1,1-Trichloroethane	3.376	97	226398	10.634	ppbv	99
34) 2-Butanone	2.560	43	180212	9.109	ppbv	96
35) Carbon Tetrachloride	3.771	117	228771	10.811	ppbv	96
36) Benzene	3.664	78	261070	9.418	ppbv	96
37) 1,2-Dichloroethane	3.224	62	171136	10.717	ppbv #	95
38) Trichloroethene	4.557	130	102021	8.813	ppbv	94
39) 1,2-Dichloropropane	4.321	63	91417	9.021	ppbv	94
40) 1,4-Dioxane	4.590	88	41071	9.057	ppbv #	96
41) Tetrahydrofuran	3.056	42	89968	8.131	ppbv	92
42) Bromodichloromethane	4.499	83	233460	10.563	ppbv	99
43) Methyl Methacrylate	4.888	69	127541	9.059	ppbv	98
44) 2,2,4-Trimethylpentane	4.651	57	414817	8.870	ppbv	98
45) t-1,3-Dichloropropene	6.425	75	138082	9.773	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101525\
 Data File : VL043122.D
 Acq On : 15 Oct 2025 15:57
 Operator : SY/MD
 Sample : VL1015ABSD01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

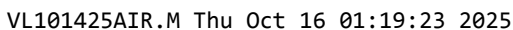
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 MSVOA_L
 ClientSampleId :
 VL1015ABSD01

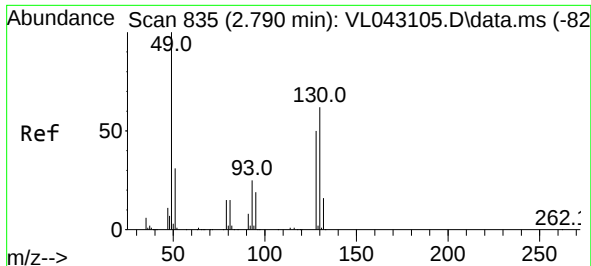
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	158488	9.390	ppbv	93
47) 1,1,2-Trichloroethane	6.593	97	102387	9.356	ppbv	93
48) Dibromochloromethane	7.393	129	183501	10.029	ppbv	98
49) Bromoform	9.490	173	150248	10.102	ppbv	100
50) 4-Methyl-2-Pentanone	5.755	43	233019	8.535	ppbv	98
51) 2-Hexanone	7.444	43	182931	8.933	ppbv #	100
52) Tetrachloroethene	8.234	164	88818	8.885	ppbv	93
53) Toluene	6.943	91	298271	9.066	ppbv	99
54) 1,2-Dibromoethane	7.661	107	162018	9.452	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.933	131	165501	10.085	ppbv	96
57) Chlorobenzene	8.930	112	225547	9.261	ppbv	95
58) Ethyl Benzene	9.364	91	432119	9.672	ppbv	96
59) m/p-Xylene	9.542	91	353747	9.927	ppbv #	29
60) o-Xylene	9.972	91	339885	9.657	ppbv	97
61) Styrene	9.875	104	149479	9.408	ppbv	97
62) Isopropylbenzene	10.545	105	618625	9.727	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.969	83	211262	8.964	ppbv	97
64) n-propylbenzene	10.995	120	156132	9.273	ppbv	91
65) tert-Butylbenzene	11.539	119	516711	9.200	ppbv	94
66) Benzyl Chloride	11.620	91	54290	8.686	ppbv	98
67) sec-Butylbenzene	11.772	105	747469	9.378	ppbv	98
69) p-Isopropyltoluene	11.930	119	628190	9.275	ppbv	97
70) n-Butylbenzene	12.286	91	656970	9.843	ppbv	98
71) 2-Chlorotoluene	10.908	91	475356	9.800	ppbv	97
72) 4-Ethyltoluene	11.131	105	421655	9.743	ppbv	97
73) 1,3,5-Trimethylbenzene	11.209	105	350402	9.818	ppbv	95
74) 1,2,4-Trimethylbenzene	11.542	105	376592	9.429	ppbv	95
75) 1,3-Dichlorobenzene	11.613	146	220504	9.519	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	220451	9.438	ppbv	97
77) 1,2-Dichlorobenzene	11.953	146	205757	9.182	ppbv	98
78) Hexachloro-1,3-Butadiene	13.889	225	148058	8.533	ppbv	98
79) Naphthalene	13.520	128	422818	10.128	ppbv	99
80) Naphthalene,2-methyl-	14.461	142	120171	11.049	ppbv	97
81) 1,2,4-Trichlorobenzene	13.445	180	168366	9.717	ppbv	99

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

Quant Time: Oct 16 01:19:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
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QLast Update : Wed Oct 15 02:12:58 2025
Response via : Initial Calibration

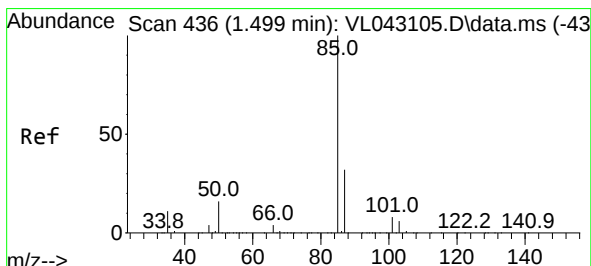
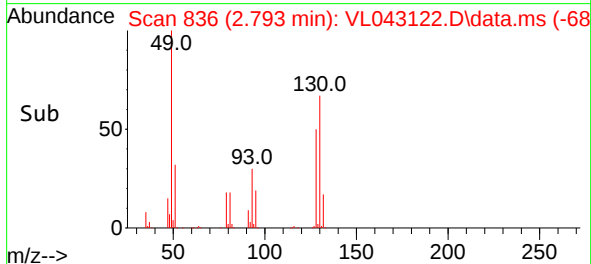
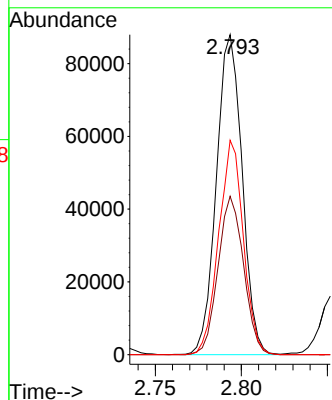
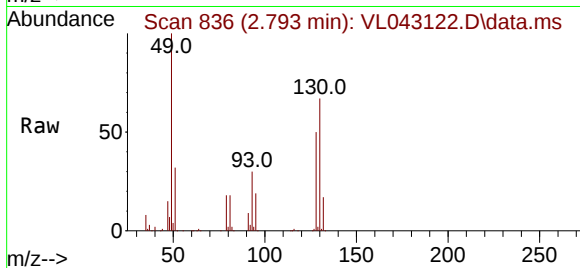




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

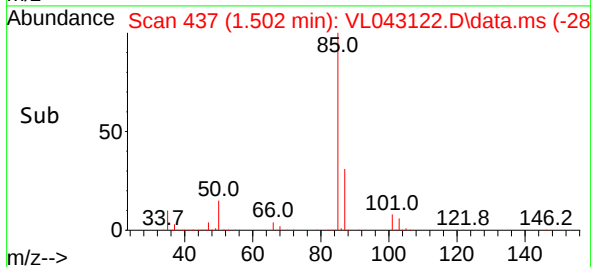
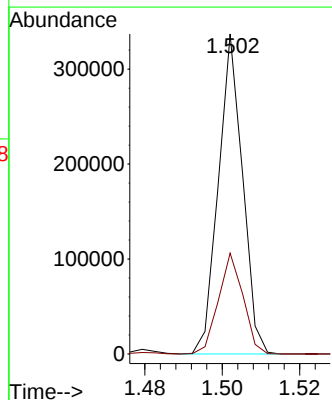
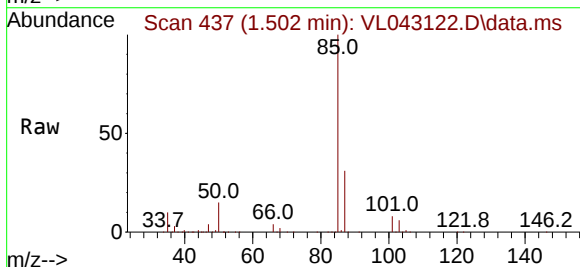
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

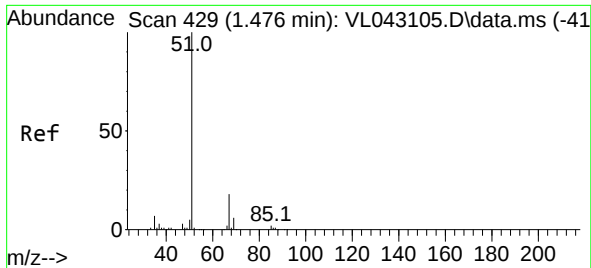
Tgt Ion: 49 Resp: 91615
Ion Ratio Lower Upper
49 100
128 49.1 24.4 73.4
130 64.2 31.0 93.0



#2
Dichlorodifluoromethane
Concen: 11.212 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 85 Resp: 146031
Ion Ratio Lower Upper
85 100
87 31.5 25.3 37.9

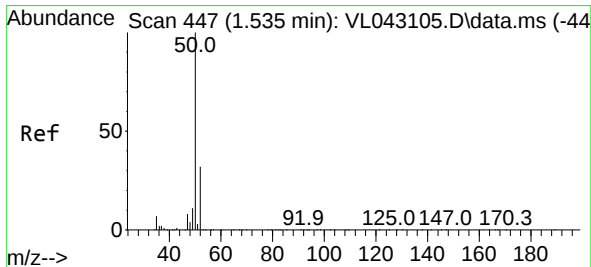
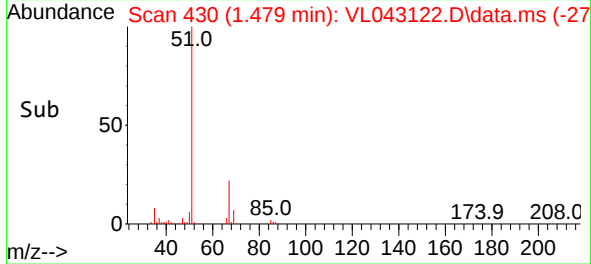
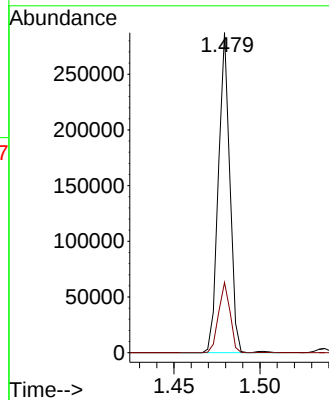
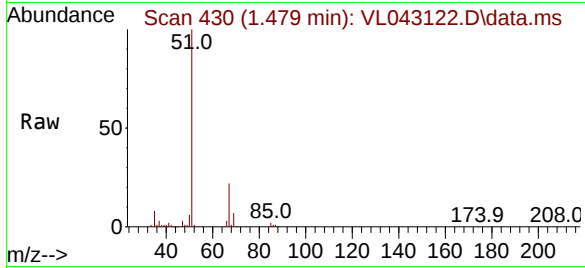




#3
Chlorodifluoromethane
Concen: 9.396 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

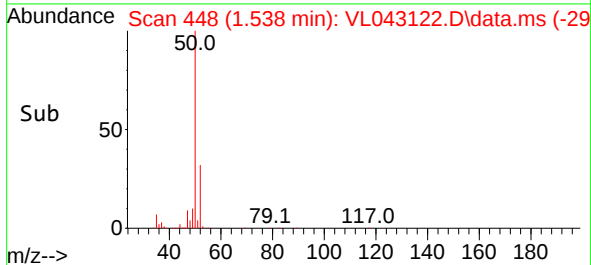
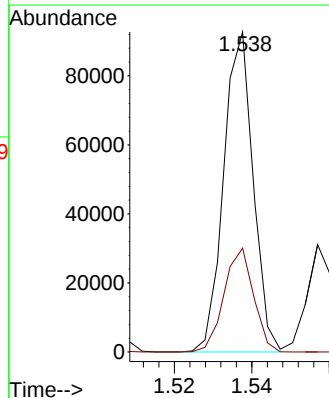
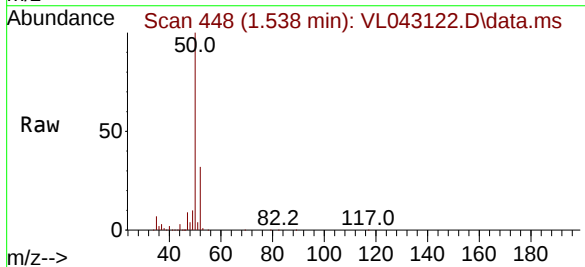
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ClientSampleId :
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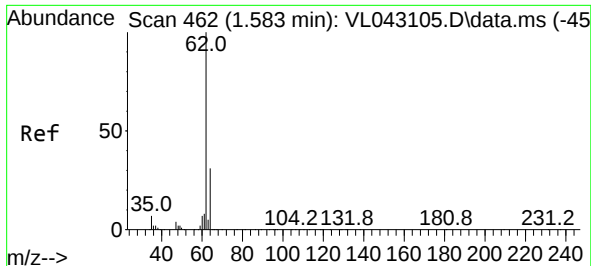
Tgt Ion: 51 Resp: 132400
Ion Ratio Lower Upper
51 100
67 22.2 15.1 22.7



#4
Chloromethane
Concen: 9.512 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 50 Resp: 49080
Ion Ratio Lower Upper
50 100
52 32.5 25.2 37.8

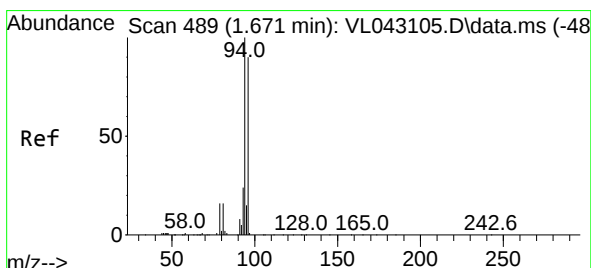
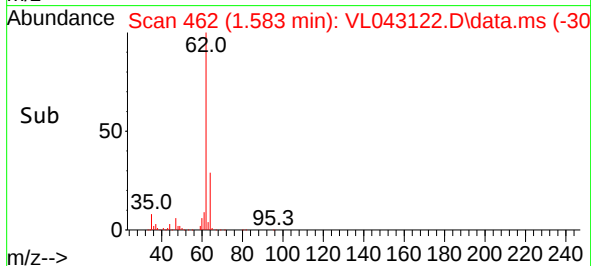
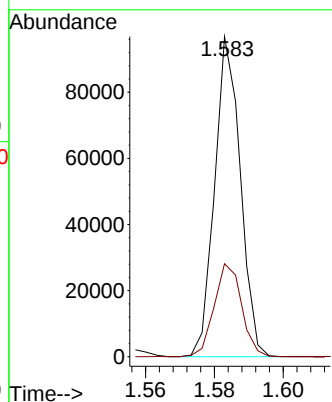
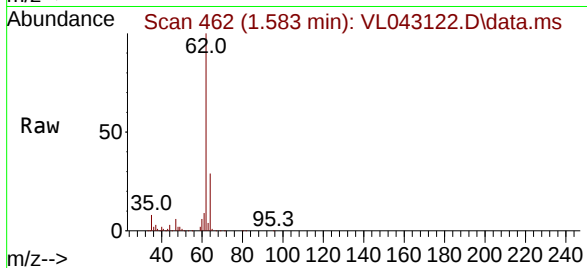




#5
 Vinyl Chloride
 Concen: 9.926 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL043122.D
 Acq: 15 Oct 2025 15:57

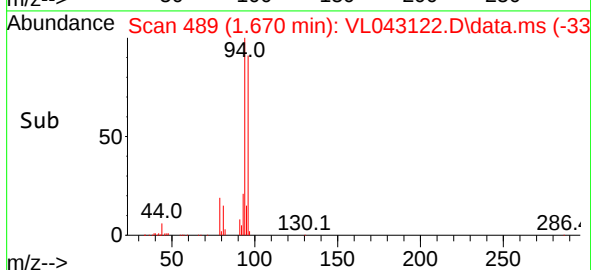
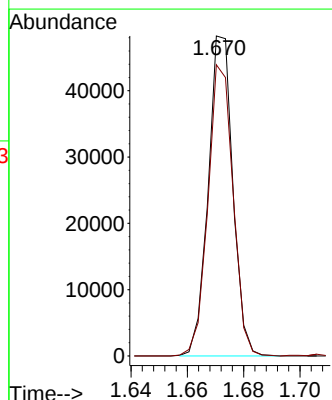
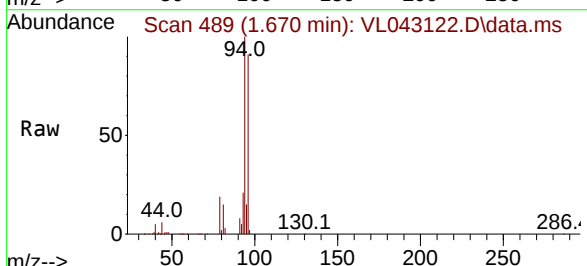
Instrument :
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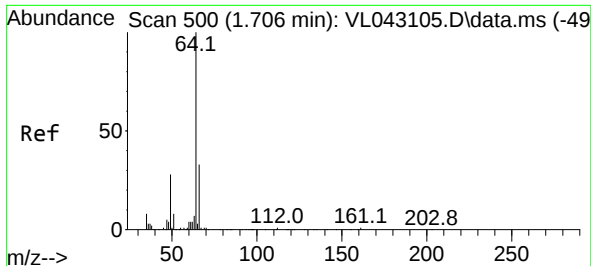
Tgt Ion: 62 Resp: 50236
 Ion Ratio Lower Upper
 62 100
 64 29.1 24.6 36.8



#6
 Bromomethane
 Concen: 10.576 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL043122.D
 Acq: 15 Oct 2025 15:57

Tgt Ion: 94 Resp: 29349
 Ion Ratio Lower Upper
 94 100
 96 91.0 72.2 108.4

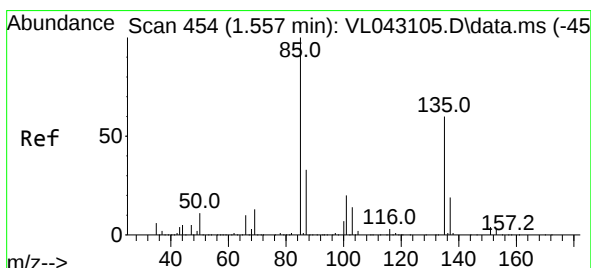
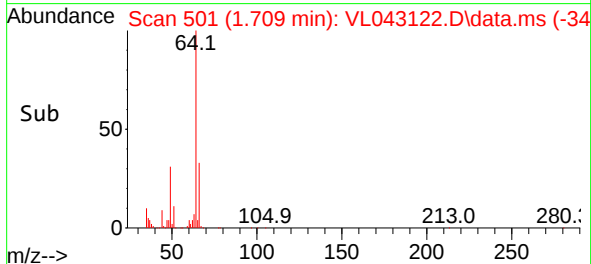
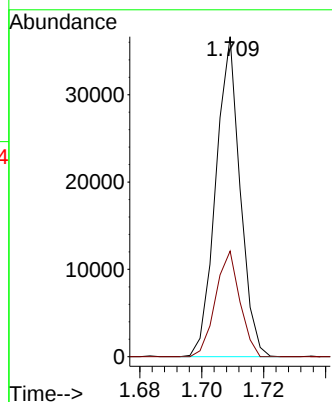
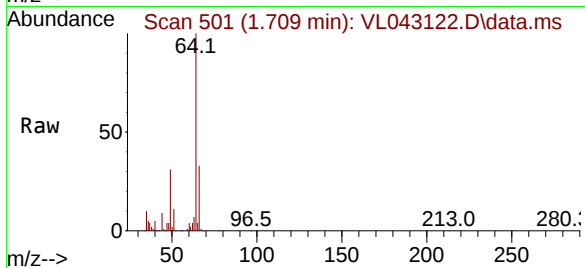




#7
Chloroethane
Concen: 9.657 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

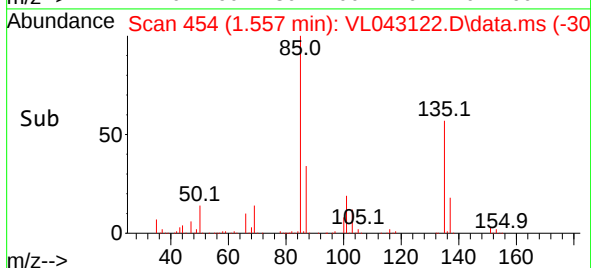
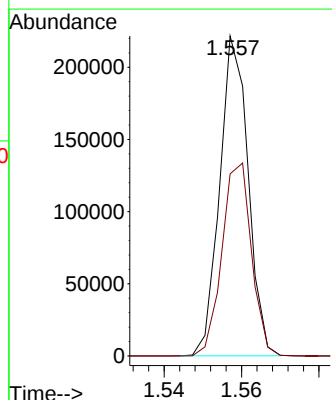
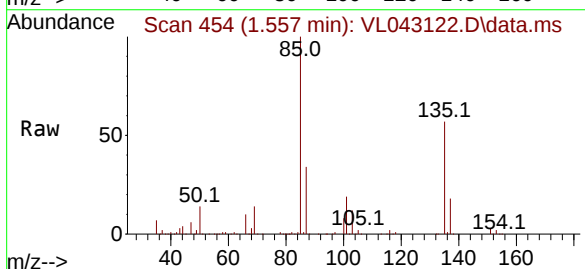
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ClientSampleId :
VL1015ABSD01

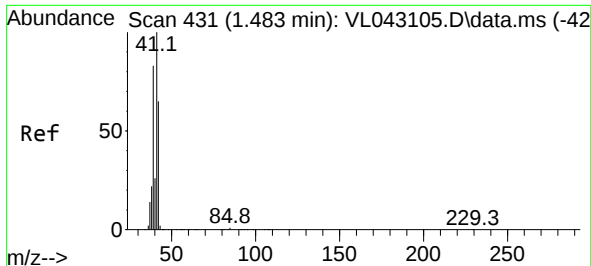
Tgt Ion: 64 Resp: 19982
Ion Ratio Lower Upper
64 100
66 33.0 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 10.726 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 85 Resp: 112911
Ion Ratio Lower Upper
85 100
135 62.8 48.2 72.4





#9

Propene

Concen: 7.839 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

Instrument :

MSVOA_L

ClientSampleId :

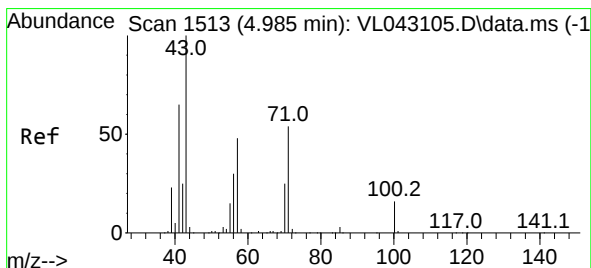
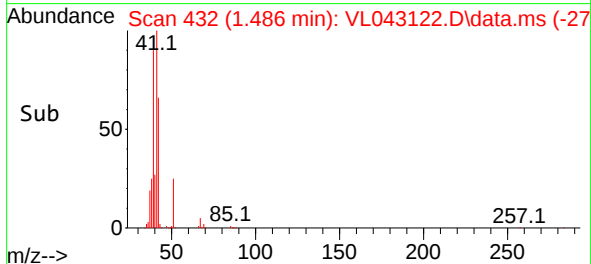
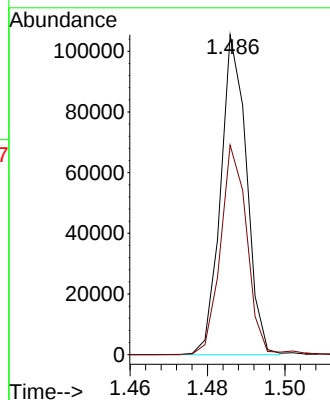
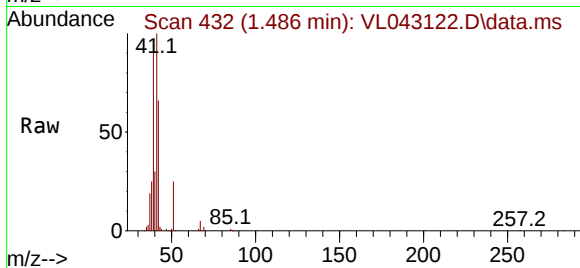
VL1015ABSD01

Tgt Ion: 41 Resp: 48992

Ion Ratio Lower Upper

41 100

42 67.6 55.1 82.7



#10

Heptane

Concen: 8.152 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VL043122.D

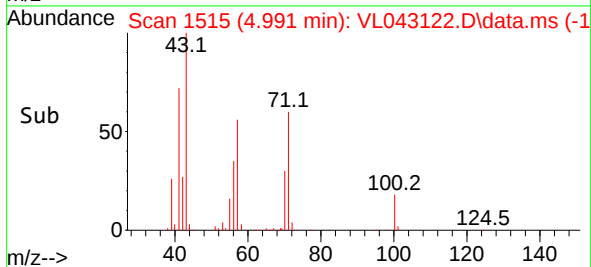
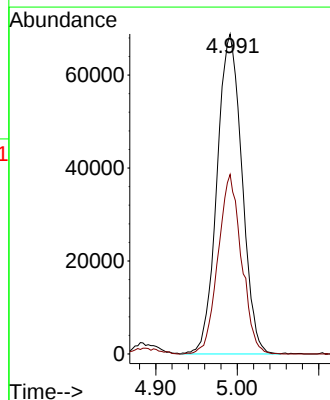
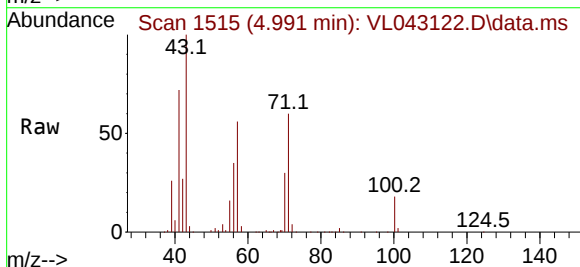
Acq: 15 Oct 2025 15:57

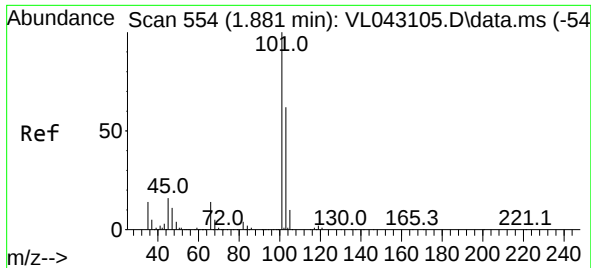
Tgt Ion: 43 Resp: 146679

Ion Ratio Lower Upper

43 100

57 52.7 40.8 61.2

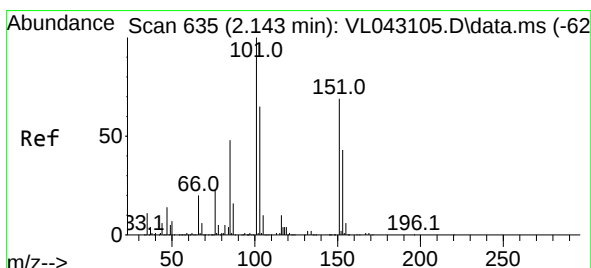
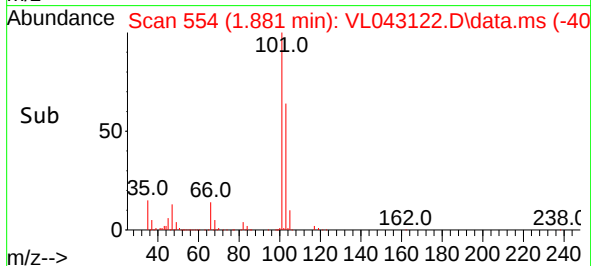
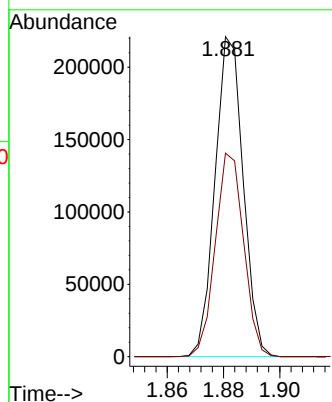
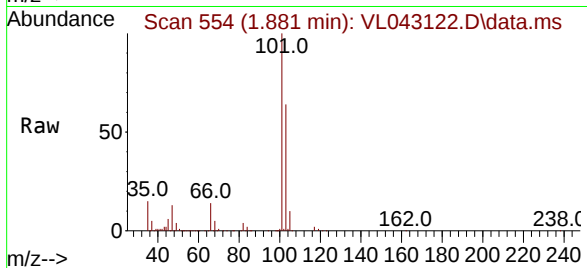




#11
 Trichlorofluoromethane
 Concen: 12.069 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL043122.D
 Acq: 15 Oct 2025 15:57

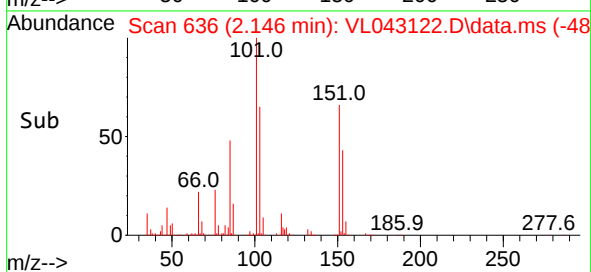
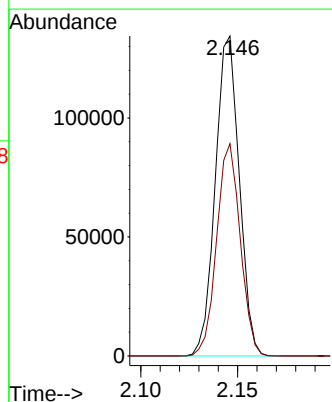
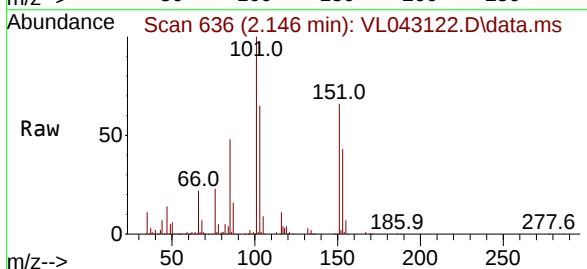
Instrument :
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 ClientSampleId :
 VL1015ABSD01

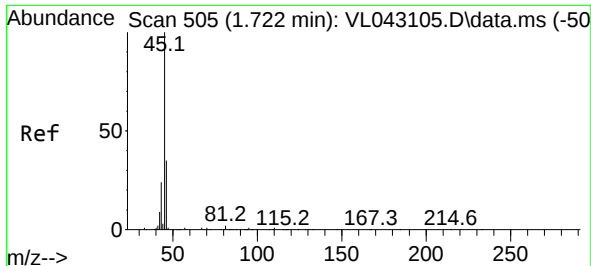
Tgt Ion:101 Resp: 153762
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.3 73.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.275 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.003 min
 Lab File: VL043122.D
 Acq: 15 Oct 2025 15:57

Tgt Ion:101 Resp: 115644
 Ion Ratio Lower Upper
 101 100
 151 65.3 54.7 82.1

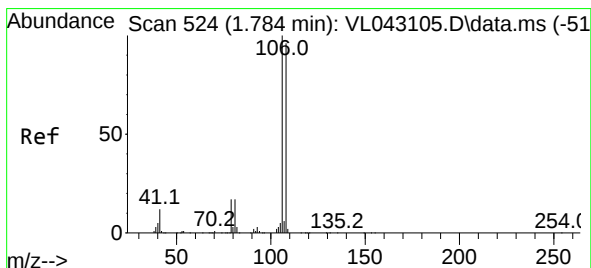
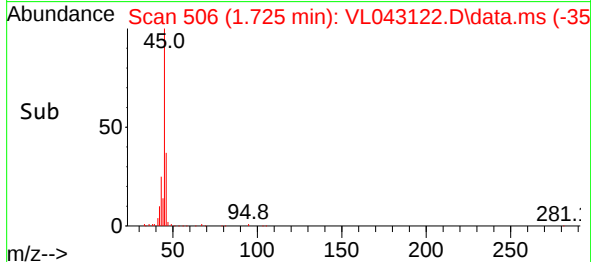
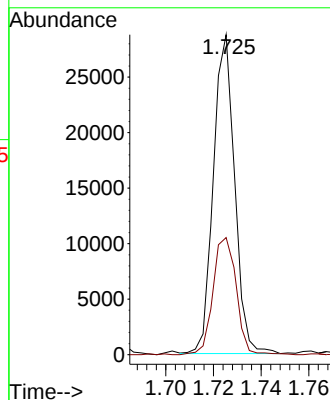
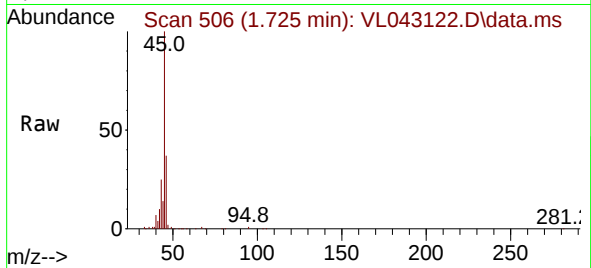




#13
Ethanol
Concen: 7.696 ppbv
RT: 1.725 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

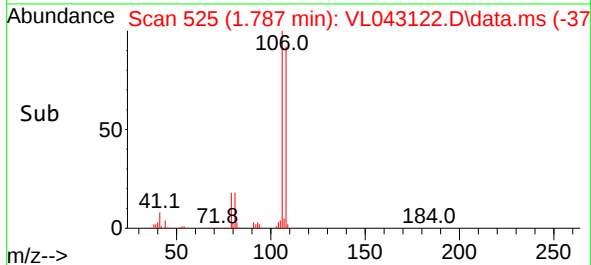
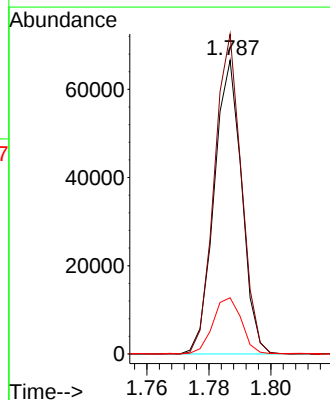
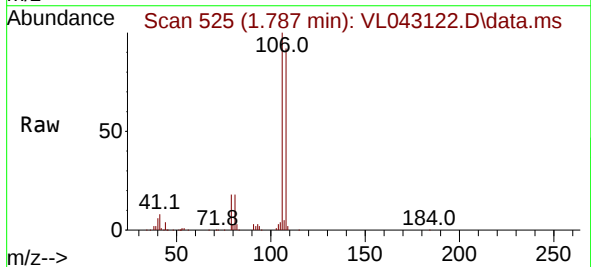
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

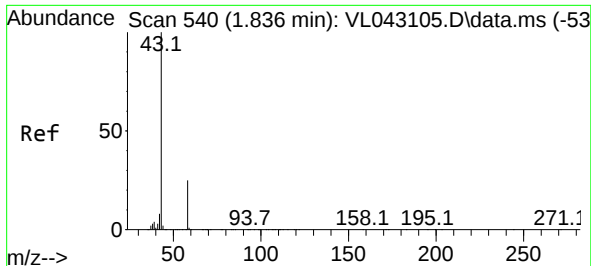
Tgt Ion: 45 Resp: 17793
Ion Ratio Lower Upper
45 100
46 40.5 14.7 58.9



#14
Bromoethene
Concen: 10.816 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 108 Resp: 41213
Ion Ratio Lower Upper
108 100
106 106.4 84.4 126.6
79 20.1 15.3 22.9

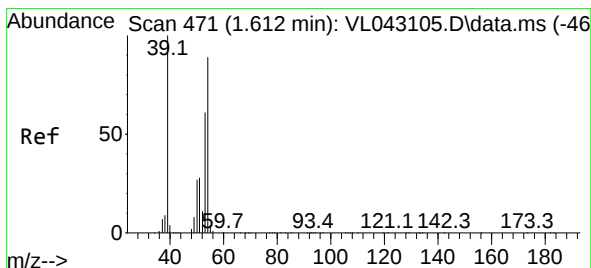
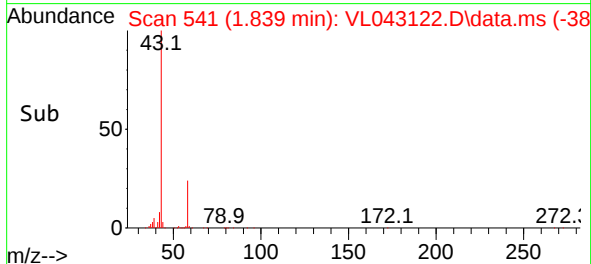
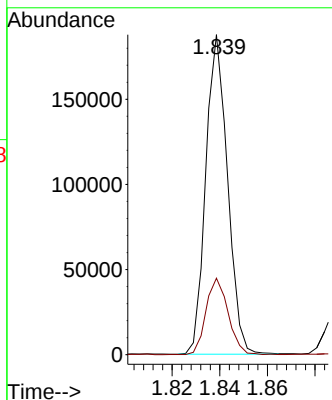
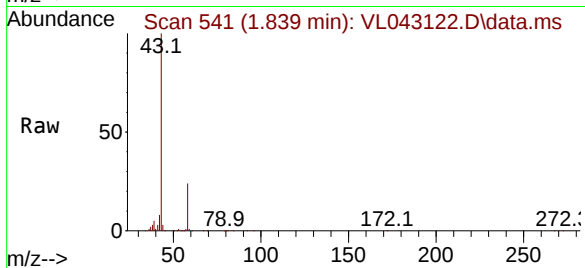




#15
Acetone
Concen: 9.624 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

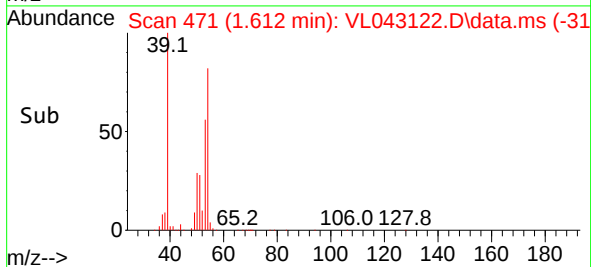
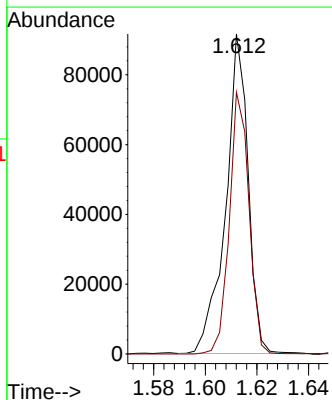
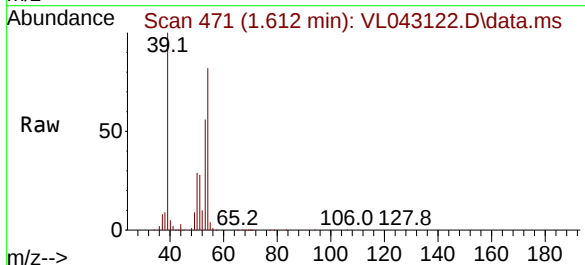
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

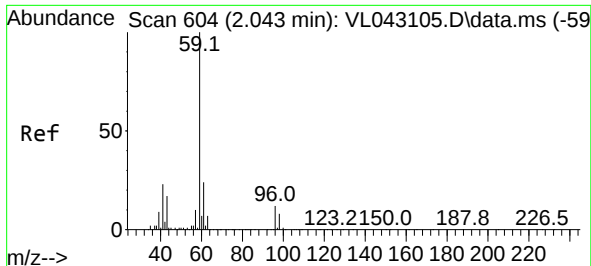
Tgt Ion: 43 Resp: 118839
Ion Ratio Lower Upper
43 100
58 24.6 20.8 31.2



#16
1,3-Butadiene
Concen: 9.399 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 39 Resp: 55311
Ion Ratio Lower Upper
39 100
54 71.6 59.0 88.4





#17

tert-Butyl alcohol

Concen: 10.302 ppbv

RT: 2.043 min Scan# 604

Delta R.T. -0.000 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

Instrument :

MSVOA_1

ClientSampleId :

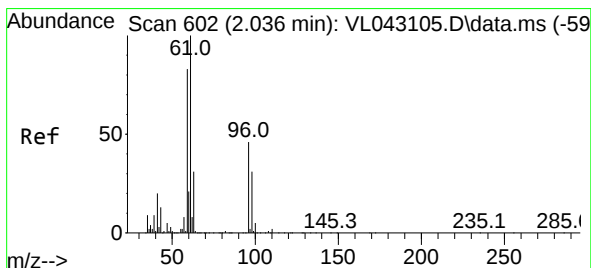
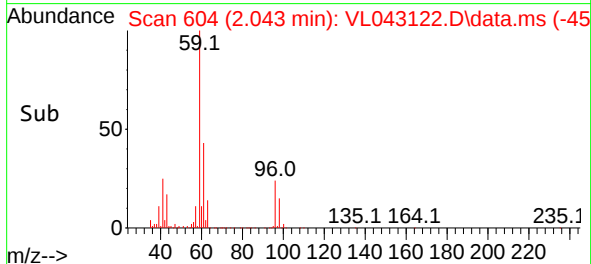
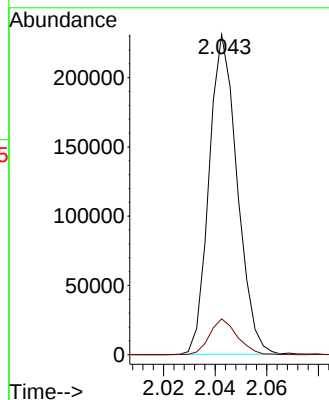
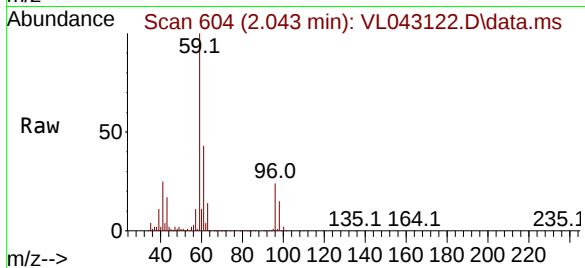
VL1015ABSD01

Tgt Ion: 59 Resp: 174619

Ion Ratio Lower Upper

59 100

57 11.1 8.2 12.4



#18

1,1-Dichloroethene

Concen: 11.408 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.003 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

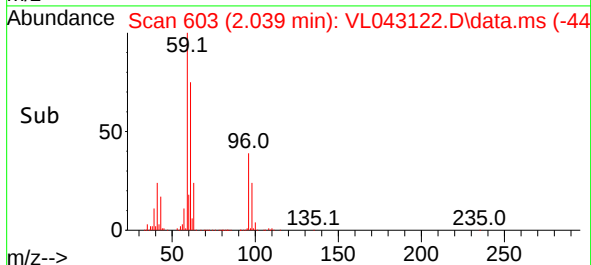
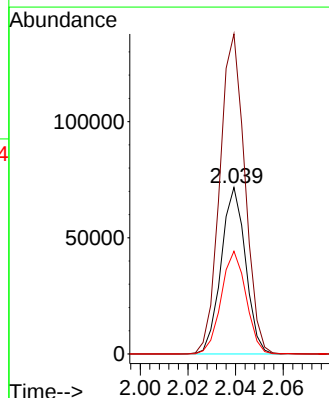
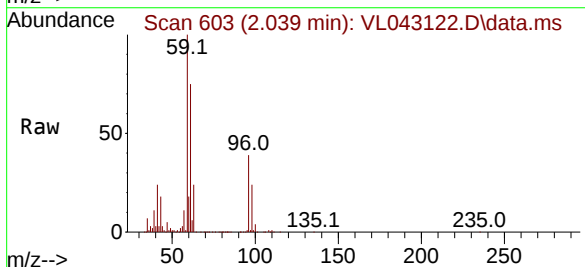
Tgt Ion: 96 Resp: 51012

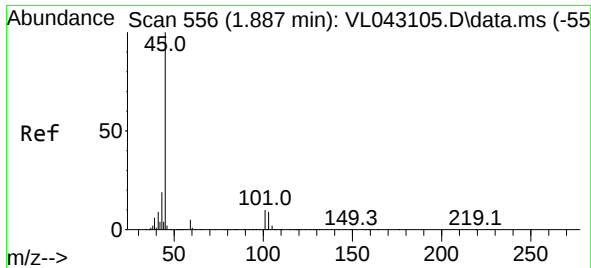
Ion Ratio Lower Upper

96 100

61 192.1 173.4 260.0

98 61.6 53.2 79.8

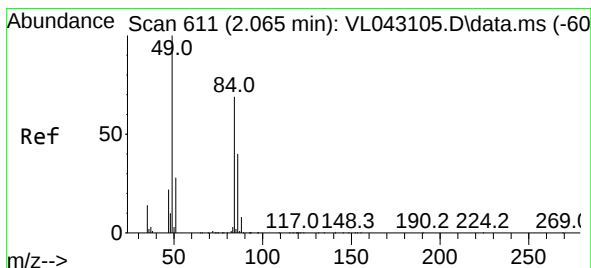
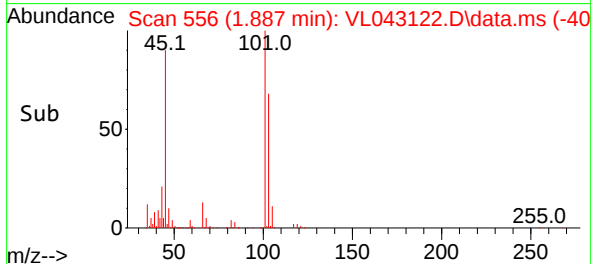
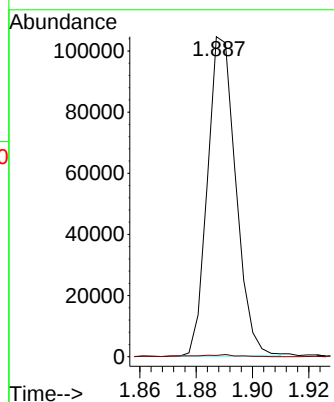
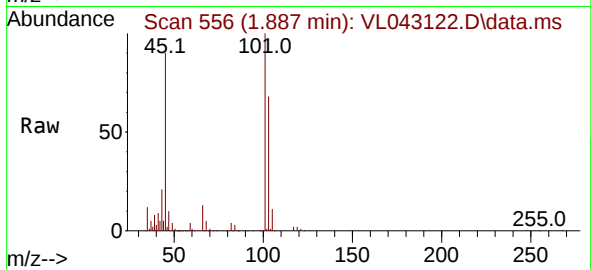




#19
Isopropyl Alcohol
Concen: 9.508 ppbv
RT: 1.887 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

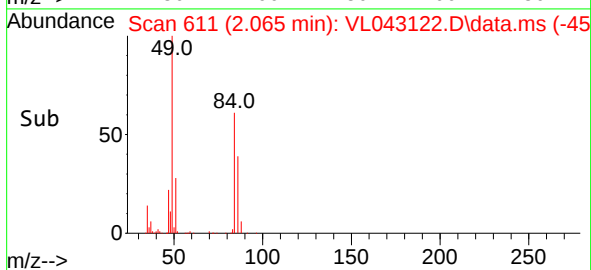
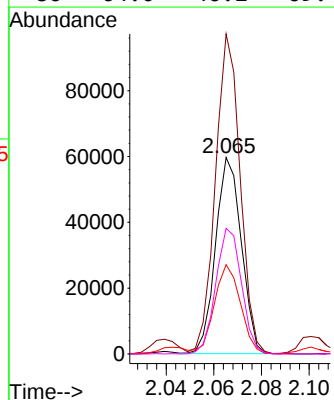
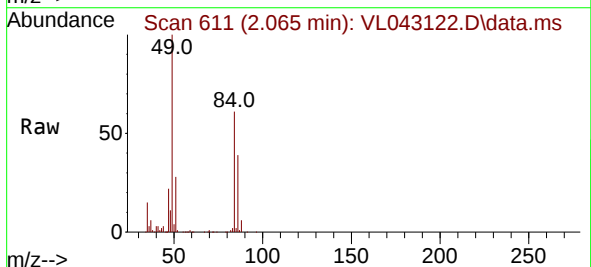
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

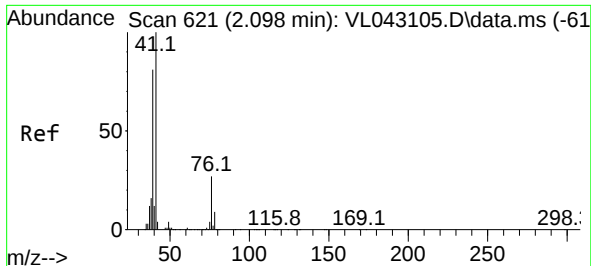
Tgt Ion: 45 Resp: 73121
Ion Ratio Lower Upper
45 100
58 40.0 31.3 46.9



#20
Methylene Chloride
Concen: 9.190 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 84 Resp: 44858
Ion Ratio Lower Upper
84 100
49 162.8 116.6 175.0
51 45.5 34.8 52.2
86 64.0 46.2 69.4

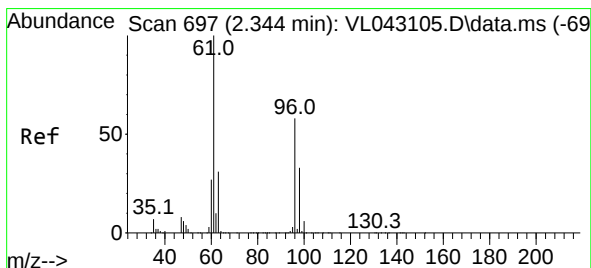
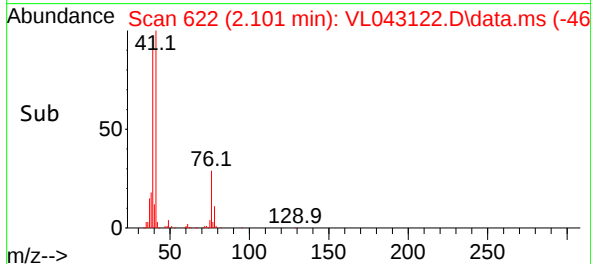
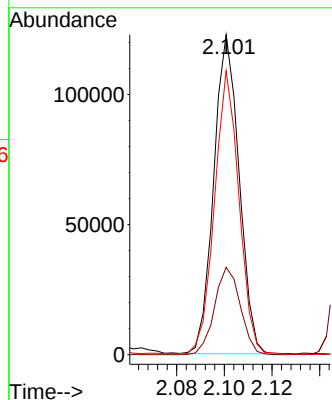
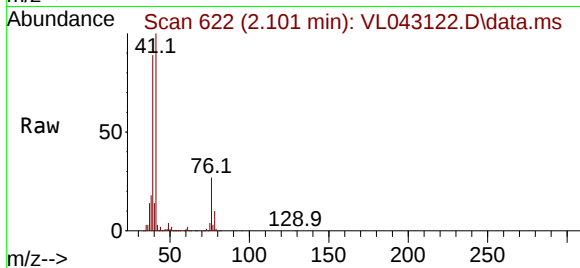




#21
 Allyl Chloride
 Concen: 9.952 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL043122.D
 Acq: 15 Oct 2025 15:57

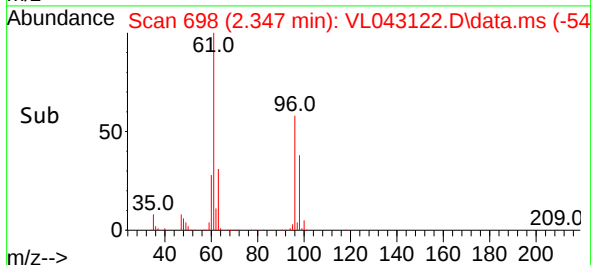
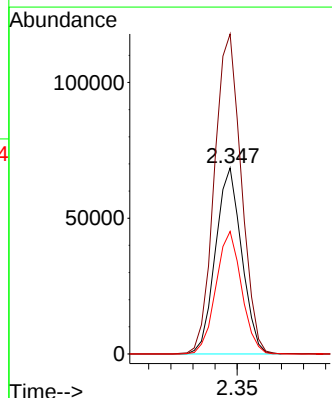
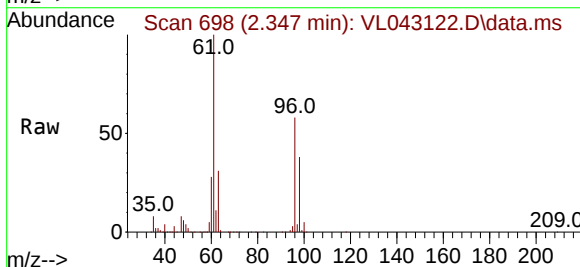
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1015ABSD01

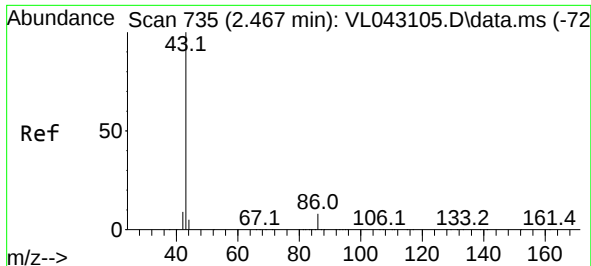
Tgt Ion: 41 Resp: 90557
 Ion Ratio Lower Upper
 41 100
 76 27.8 21.5 32.3
 39 85.6 60.8 91.2



#22
 trans-1,2-Dichloroethene
 Concen: 10.539 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.003 min
 Lab File: VL043122.D
 Acq: 15 Oct 2025 15:57

Tgt Ion: 96 Resp: 56333
 Ion Ratio Lower Upper
 96 100
 61 172.0 137.0 205.6
 98 65.9 45.5 68.3



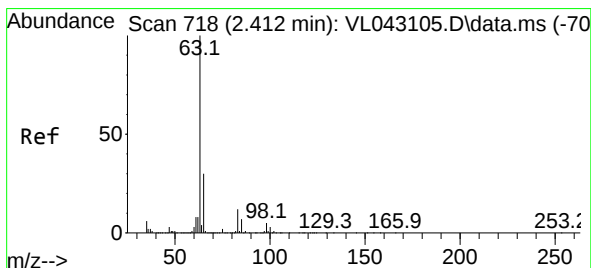
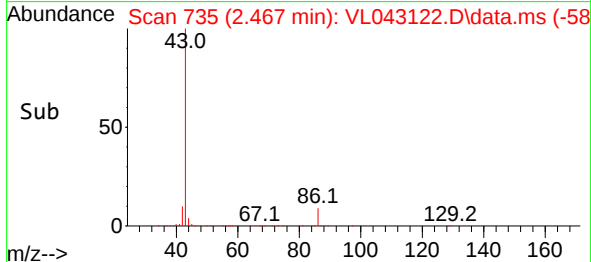
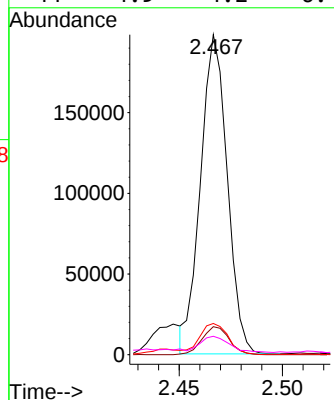
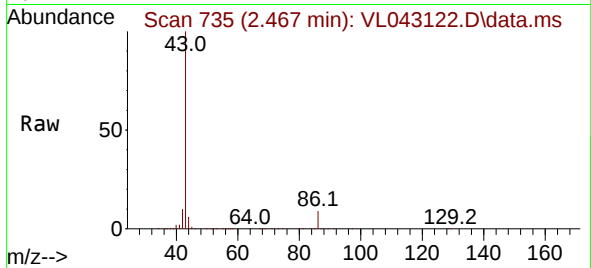


#23
 Vinyl Acetate
 Concen: 9.822 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: VL043122.D
 Acq: 15 Oct 2025 15:57

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1015ABSD01

Tgt Ion: 43 Resp: 177669

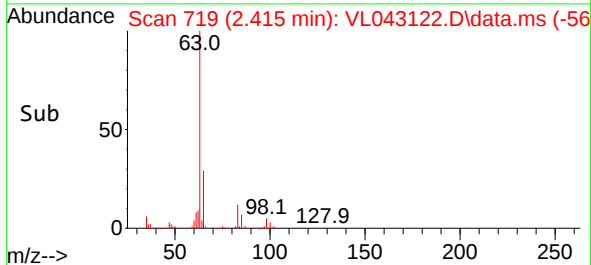
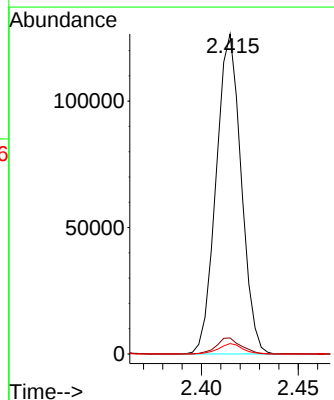
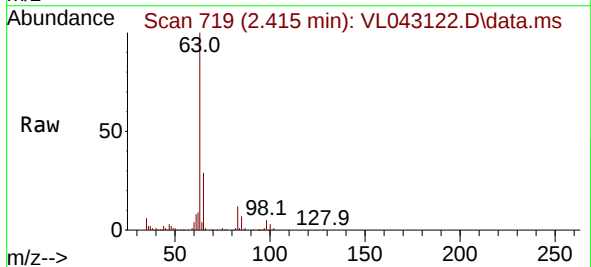
Ion	Ratio	Lower	Upper
43	100		
86	8.8	6.2	9.2
42	9.7	7.6	11.4
44	4.9	4.2	6.4

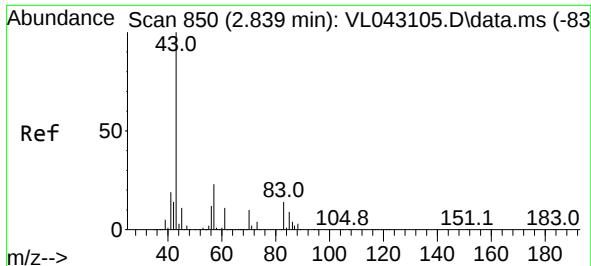


#24
 1,1-Dichloroethane
 Concen: 11.006 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL043122.D
 Acq: 15 Oct 2025 15:57

Tgt Ion: 63 Resp: 113663

Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.6	7.8
100	3.3	1.5	4.4

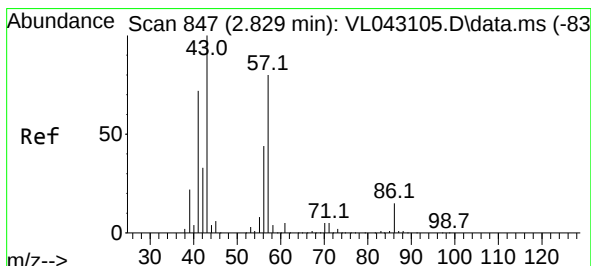
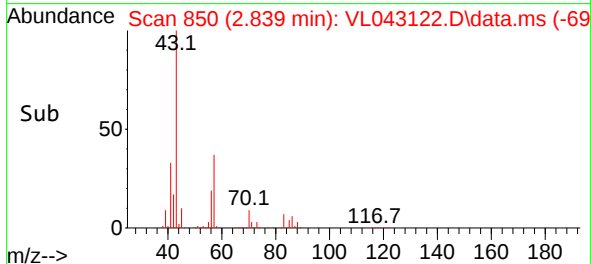
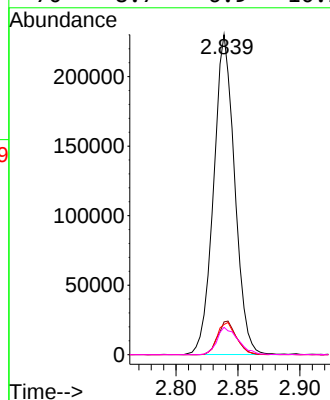
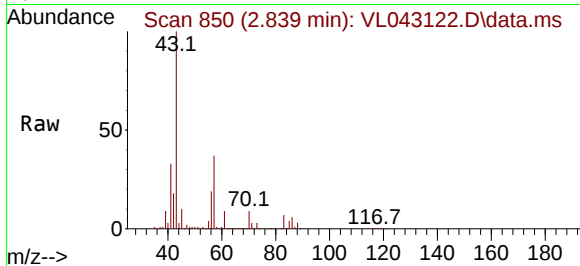




#25
Ethyl Acetate
Concen: 8.880 ppbv
RT: 2.839 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

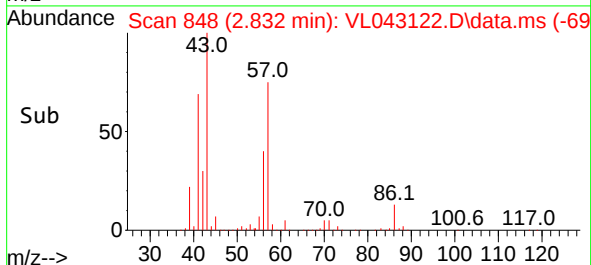
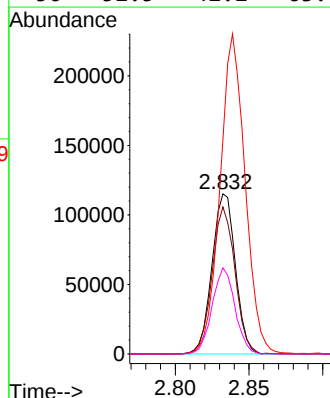
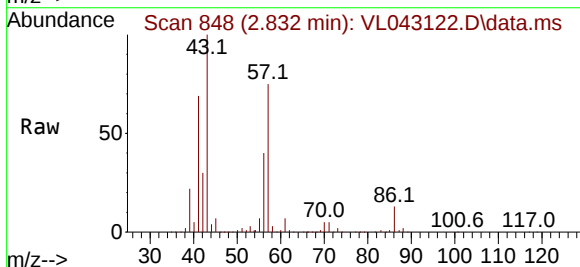
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

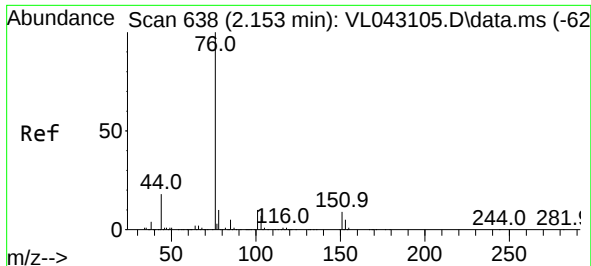
Tgt Ion:	43	Resp:	271918
Ion	Ratio	Lower	Upper
43	100		
45	9.5	7.8	11.8
61	9.3	7.0	10.6
70	8.7	6.9	10.3



#26
Hexane
Concen: 8.976 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion:	57	Resp:	126655
Ion	Ratio	Lower	Upper
57	100		
41	90.6	71.4	107.0
43	215.7	178.5	267.7
56	52.5	42.2	63.4

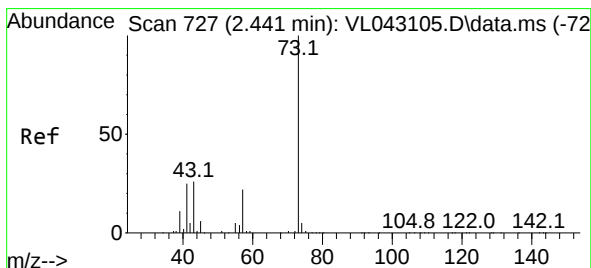
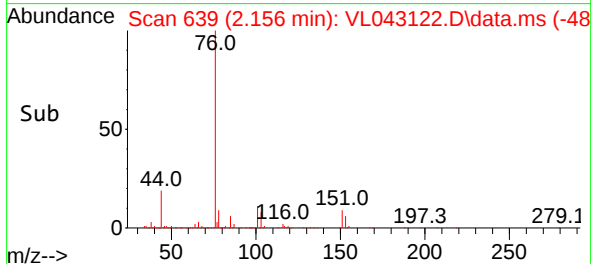
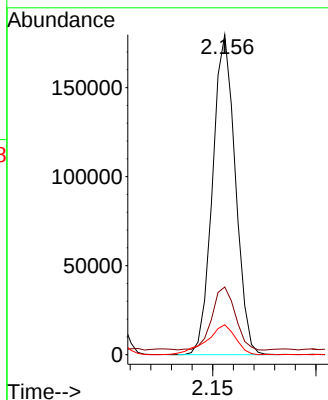
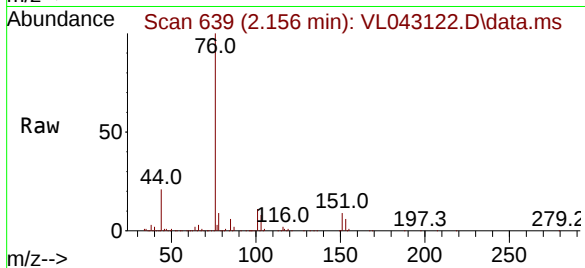




#27
Carbon Disulfide
Concen: 10.663 ppbv
RT: 2.156 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

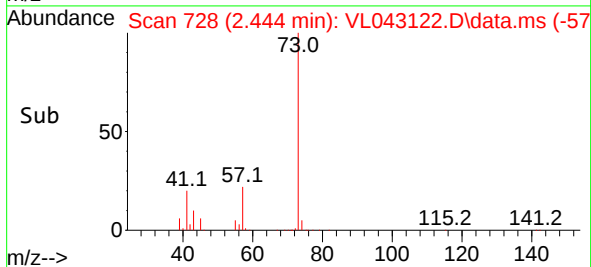
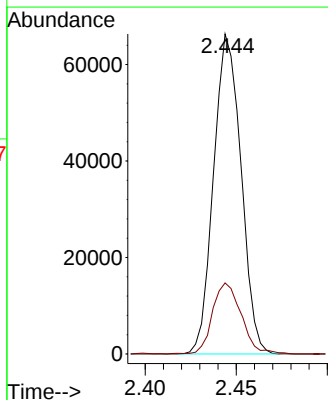
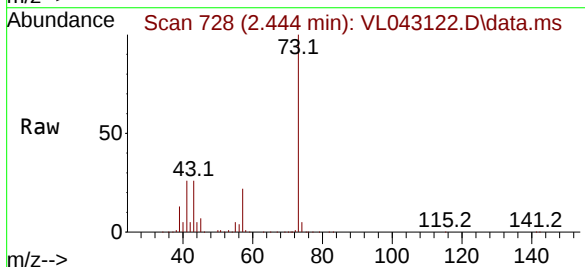
Instrument :
MSVOA_1
ClientSampleId :
VL1015ABSD01

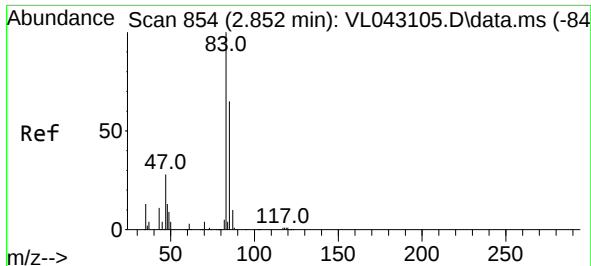
Tgt Ion: 76 Resp: 137853
Ion Ratio Lower Upper
76 100
44 20.1 16.7 25.1
78 11.9 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 10.818 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 73 Resp: 69446
Ion Ratio Lower Upper
73 100
57 23.5 20.5 30.7





#29

Chloroform

Concen: 10.496 ppbv

RT: 2.855 min Scan# 85

Delta R.T. 0.003 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

Instrument :

MSVOA_L

ClientSampleId :

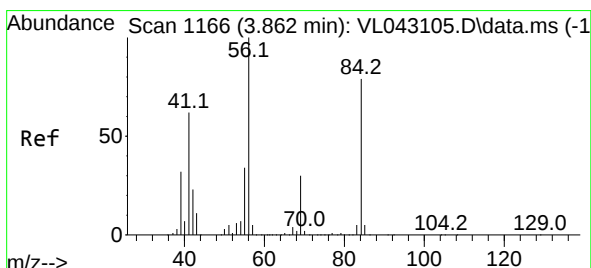
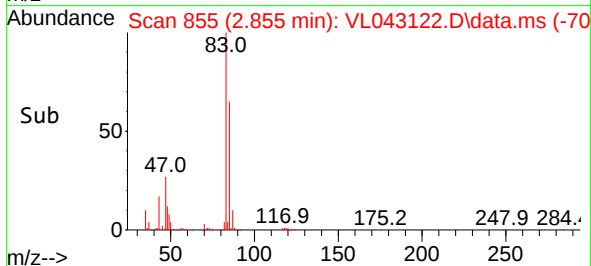
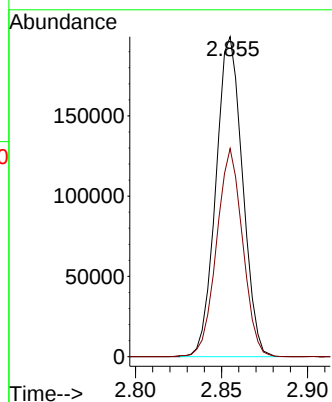
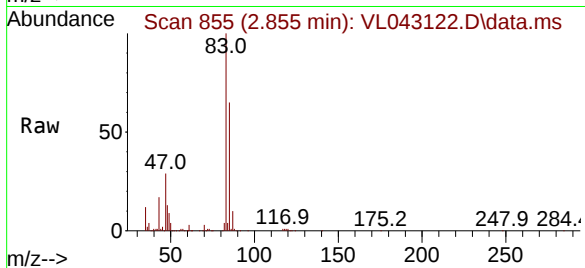
VL1015ABSD01

Tgt Ion: 83 Resp: 214588

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6



#30

Cyclohexane

Concen: 9.100 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

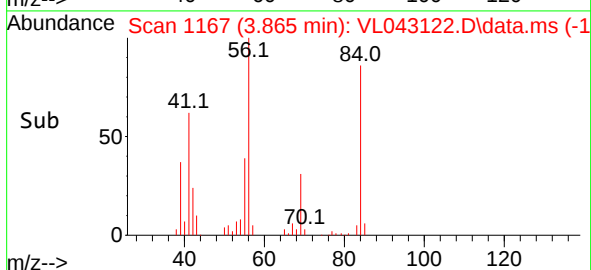
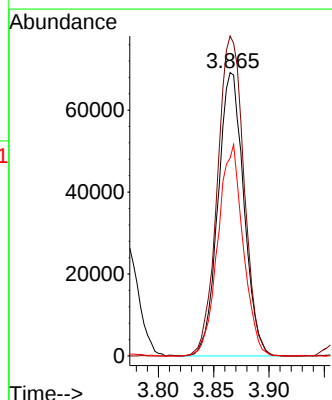
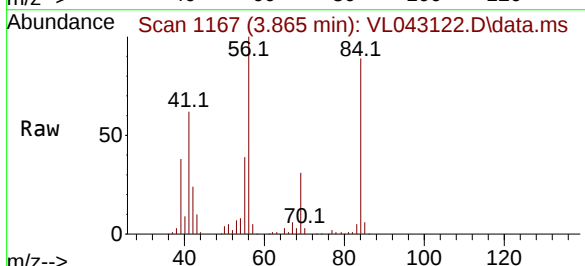
Tgt Ion: 84 Resp: 112065

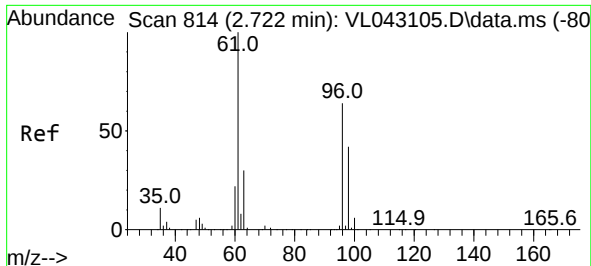
Ion Ratio Lower Upper

84 100

56 116.2 100.9 151.3

41 72.9 63.8 95.6

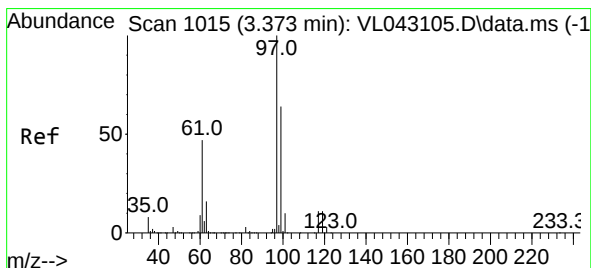
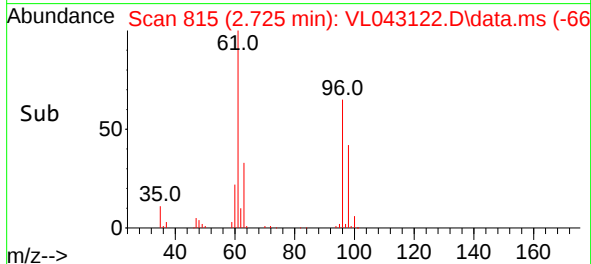
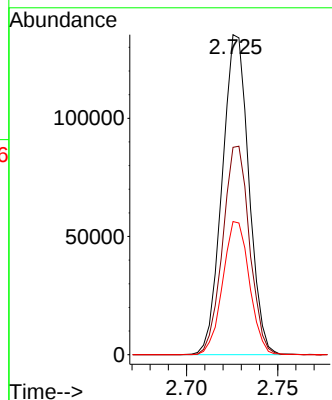
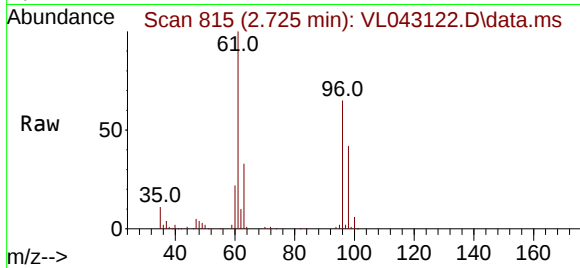




#31
 cis-1,2-Dichloroethene
 Concen: 10.216 ppbv
 RT: 2.725 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VL043122.D
 Acq: 15 Oct 2025 15:57

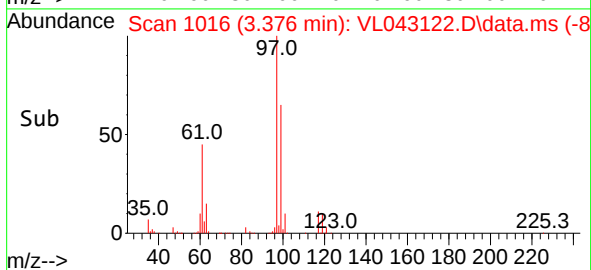
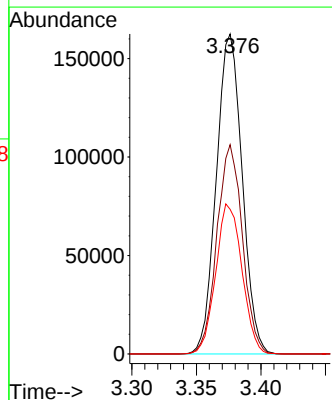
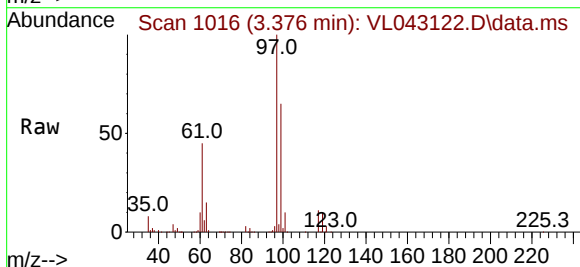
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1015ABSD01

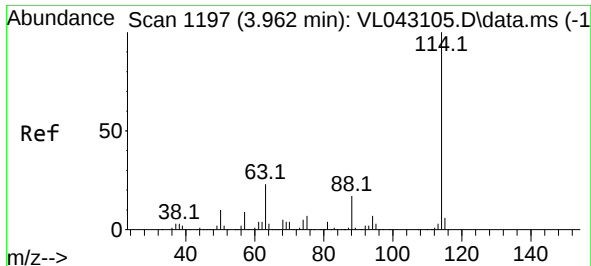
Tgt Ion: 61 Resp: 137648
 Ion Ratio Lower Upper
 61 100
 96 64.8 51.0 76.6
 98 41.6 33.5 50.3



#32
 1,1,1-Trichloroethane
 Concen: 10.634 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.003 min
 Lab File: VL043122.D
 Acq: 15 Oct 2025 15:57

Tgt Ion: 97 Resp: 226398
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.3 76.9
 61 47.5 38.4 57.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.003 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABSD01

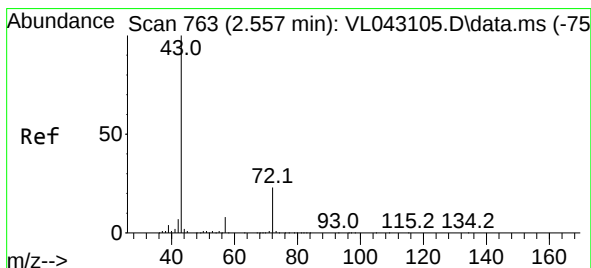
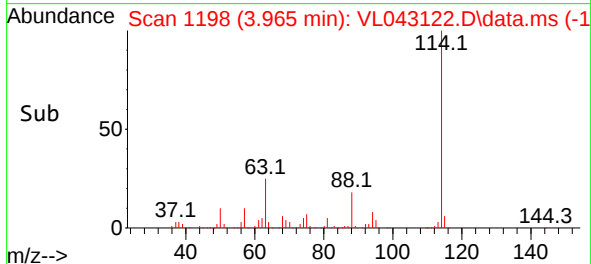
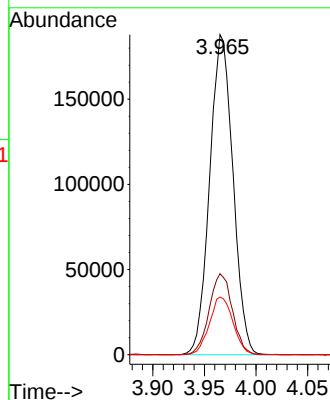
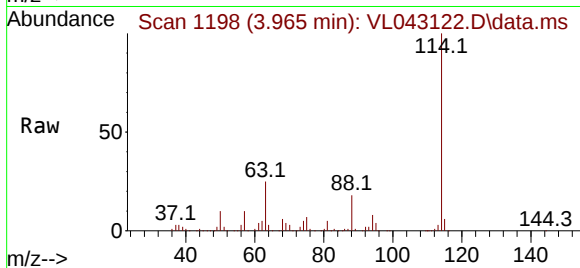
Tgt Ion:114 Resp: 294311

Ion Ratio Lower Upper

114 100

63 25.3 19.3 28.9

88 18.3 13.9 20.9



#34

2-Butanone

Concen: 9.109 ppbv

RT: 2.560 min Scan# 764

Delta R.T. 0.003 min

Lab File: VL043122.D

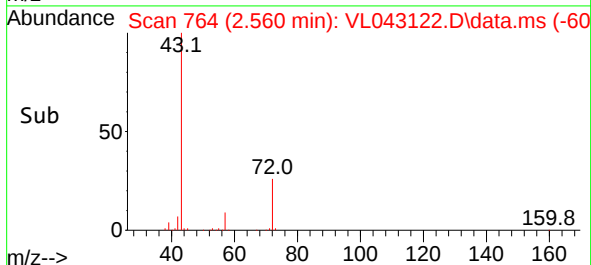
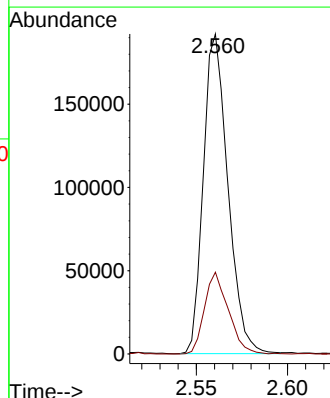
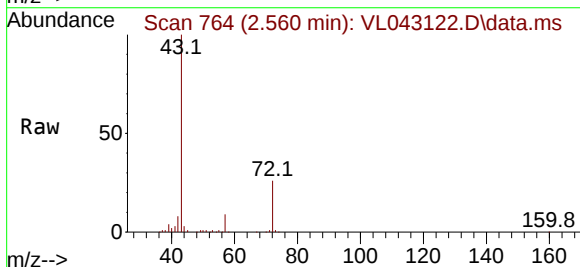
Acq: 15 Oct 2025 15:57

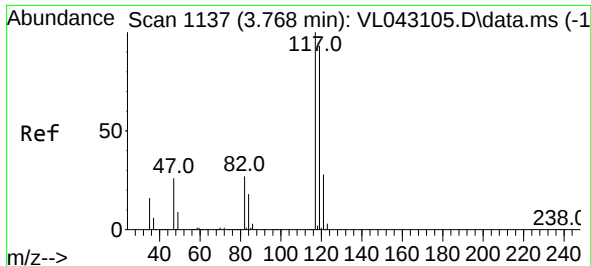
Tgt Ion: 43 Resp: 180212

Ion Ratio Lower Upper

43 100

72 25.0 18.4 27.6

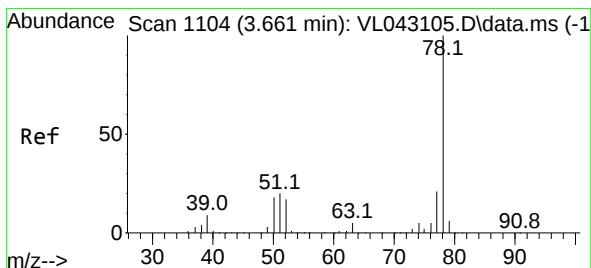
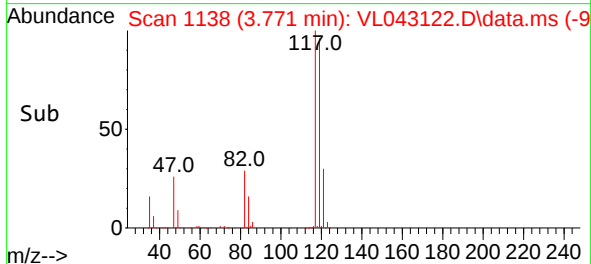
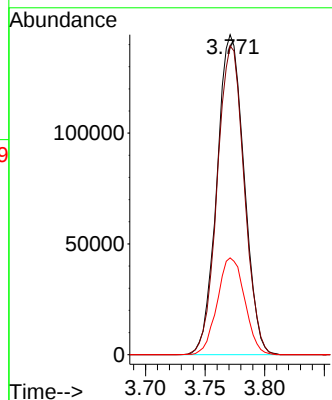
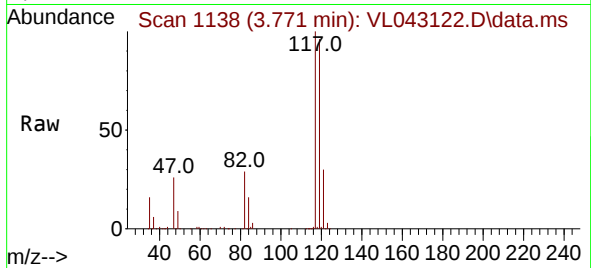




#35
Carbon Tetrachloride
Concen: 10.811 ppbv
RT: 3.771 min Scan# 1137
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

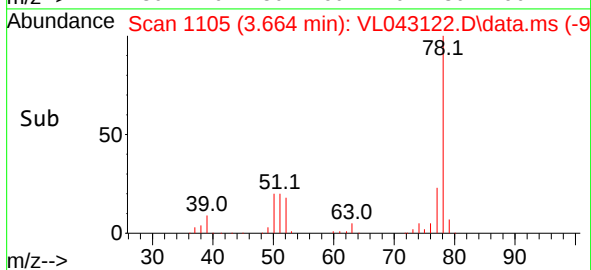
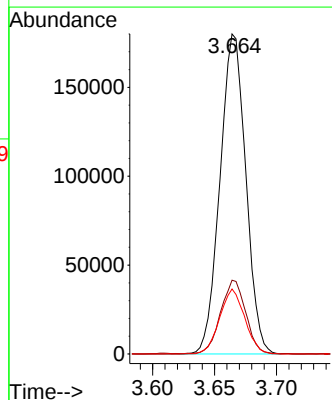
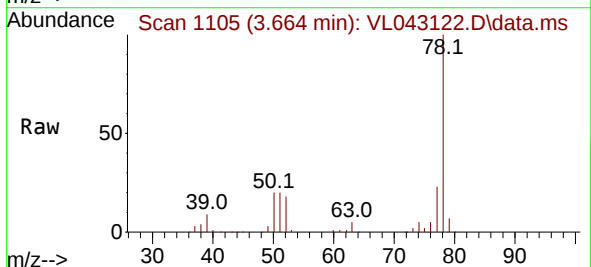
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

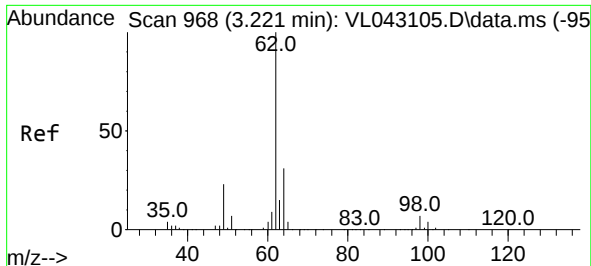
Tgt Ion:117 Resp: 228771
Ion Ratio Lower Upper
117 100
119 96.5 74.1 111.1
121 30.3 22.2 33.2



#36
Benzene
Concen: 9.418 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 78 Resp: 261070
Ion Ratio Lower Upper
78 100
77 23.0 17.0 25.6
50 20.3 14.6 22.0

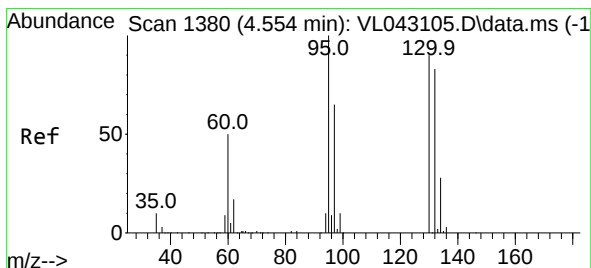
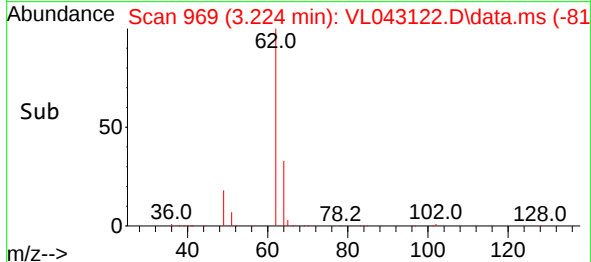
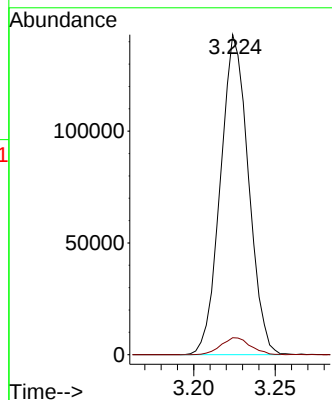
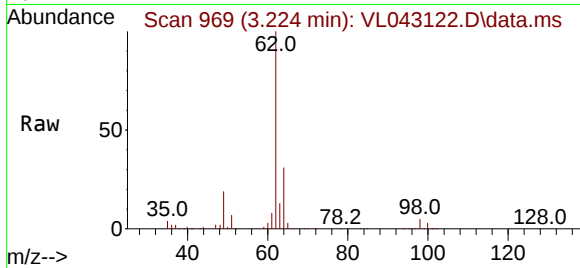




#37
1,2-Dichloroethane
Concen: 10.717 ppbv
RT: 3.224 min Scan# 90
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

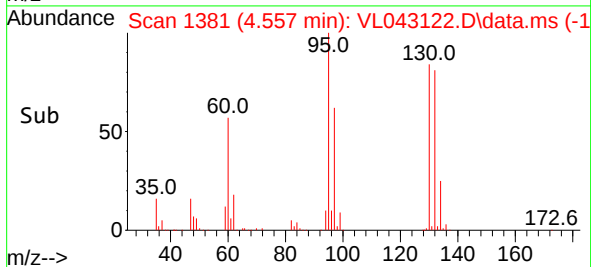
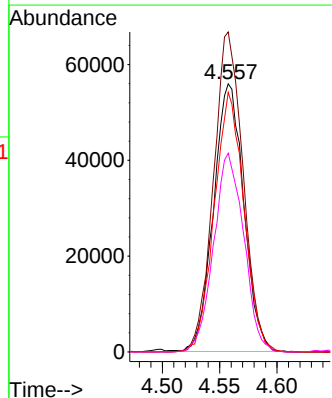
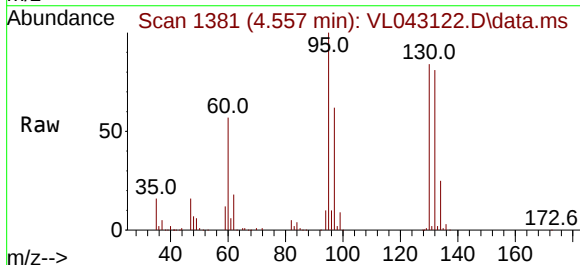
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

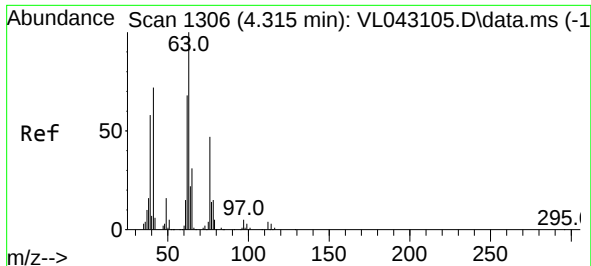
Tgt Ion: 62 Resp: 171136
Ion Ratio Lower Upper
62 100
98 5.6 5.8 8.6#



#38
Trichloroethene
Concen: 8.813 ppbv
RT: 4.557 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion:130 Resp: 102021
Ion Ratio Lower Upper
130 100
95 119.3 88.6 133.0
132 96.7 73.4 110.0
97 74.1 57.8 86.6





#39

1,2-Dichloropropane

Concen: 9.021 ppbv

RT: 4.321 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABSD01

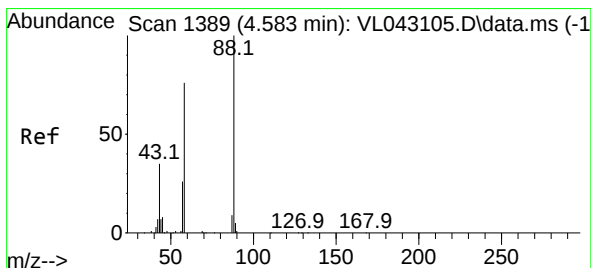
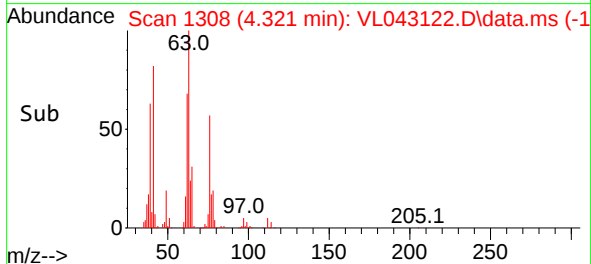
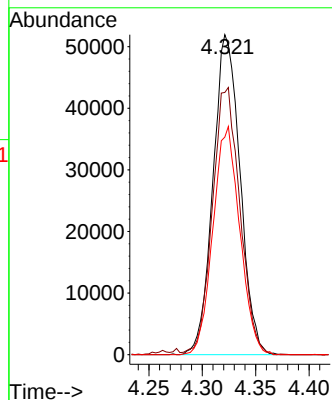
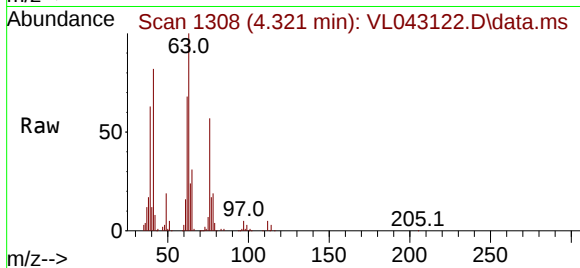
Tgt Ion: 63 Resp: 91417

Ion Ratio Lower Upper

63 100

41 81.8 58.0 87.0

62 68.0 54.7 82.1



#40

1,4-Dioxane

Concen: 9.057 ppbv

RT: 4.590 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

Tgt Ion: 88 Resp: 41071

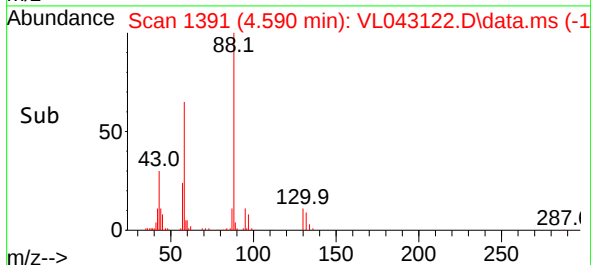
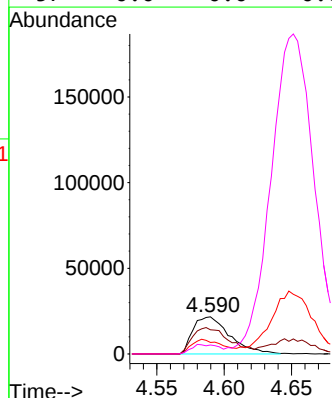
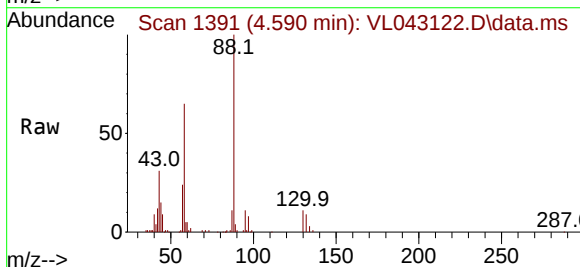
Ion Ratio Lower Upper

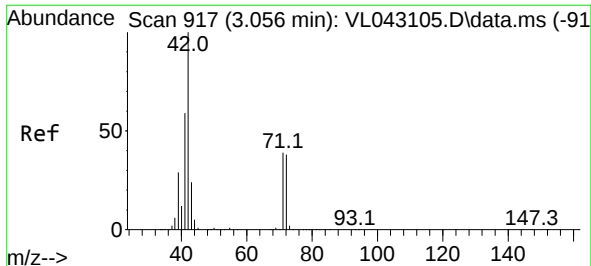
88 100

58 71.3 61.1 91.7

43 29.9 24.0 36.0

57 0.0 0.0 0.0

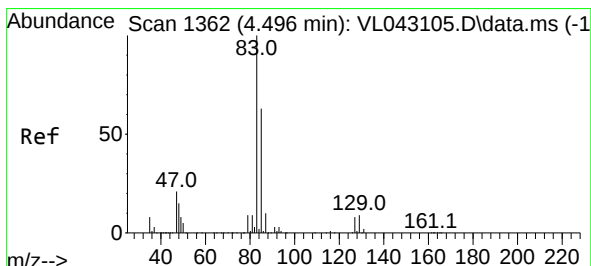
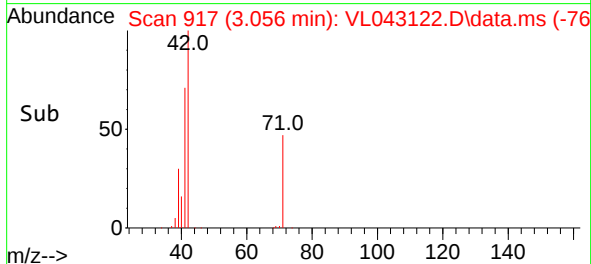
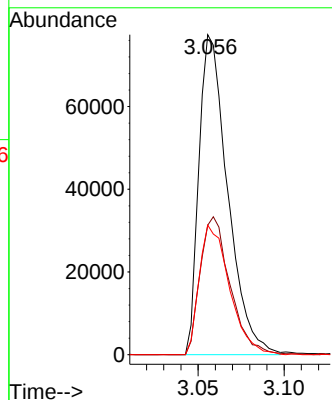
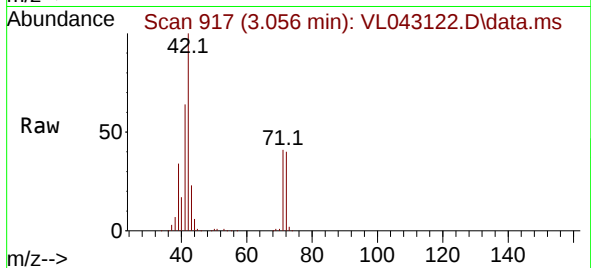




#41
Tetrahydrofuran
Concen: 8.131 ppbv
RT: 3.056 min Scan# 917
Delta R.T. -0.000 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

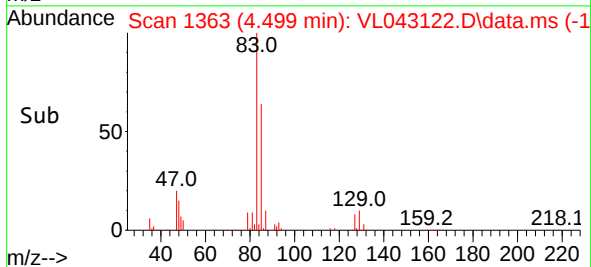
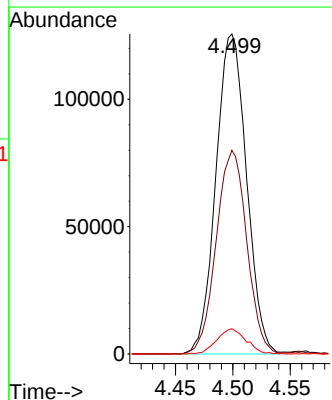
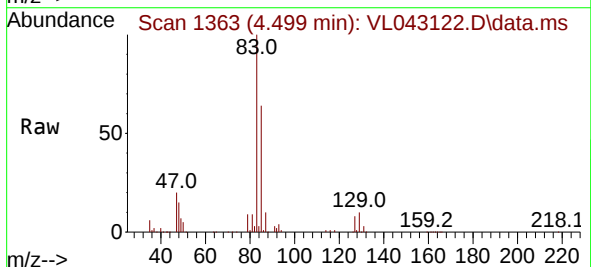
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

Tgt Ion: 42 Resp: 89968
Ion Ratio Lower Upper
42 100
72 44.9 31.3 46.9
71 42.6 30.4 45.6



#42
Bromodichloromethane
Concen: 10.563 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 83 Resp: 233460
Ion Ratio Lower Upper
83 100
85 63.6 50.6 75.8
127 7.9 6.3 9.5

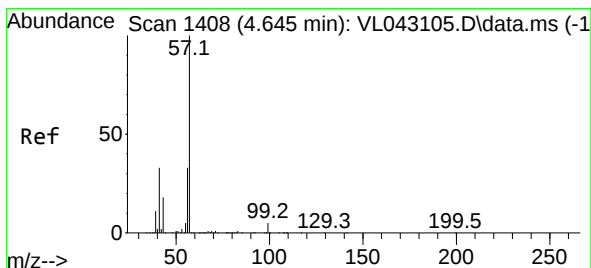
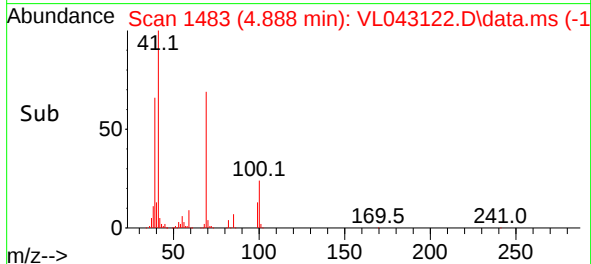
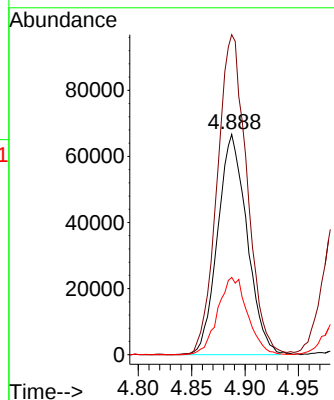
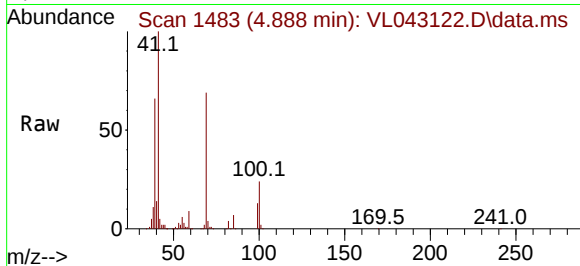




#43
Methyl Methacrylate
Concen: 9.059 ppbv
RT: 4.888 min Scan# 1481
Delta R.T. 0.006 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

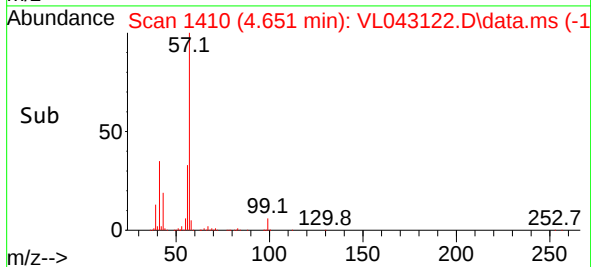
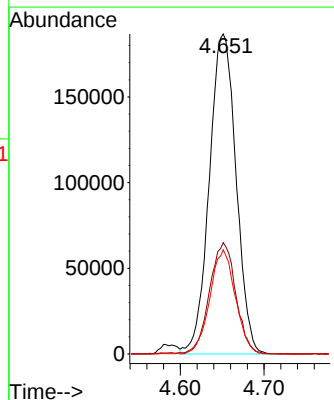
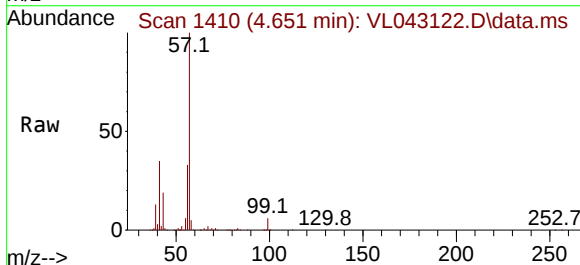
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

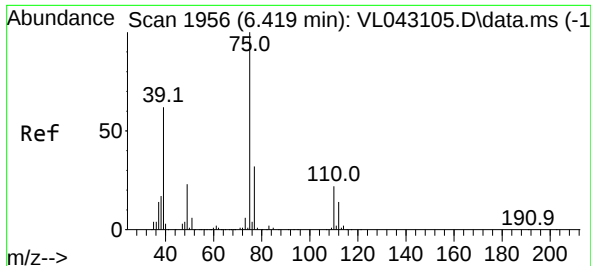
Tgt Ion: 69 Resp: 127541
Ion Ratio Lower Upper
69 100
41 147.1 120.5 180.7
100 35.6 29.0 43.4



#44
2,2,4-Trimethylpentane
Concen: 8.870 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. 0.006 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 57 Resp: 414817
Ion Ratio Lower Upper
57 100
41 34.4 26.3 39.5
56 31.1 25.9 38.9

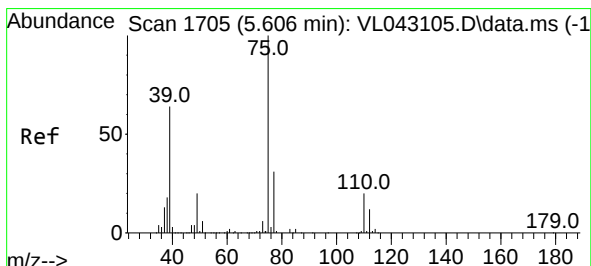
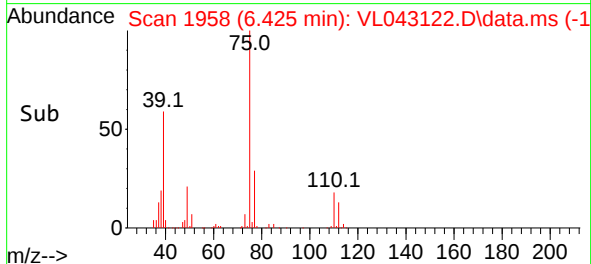
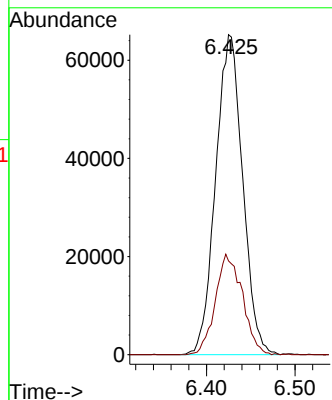
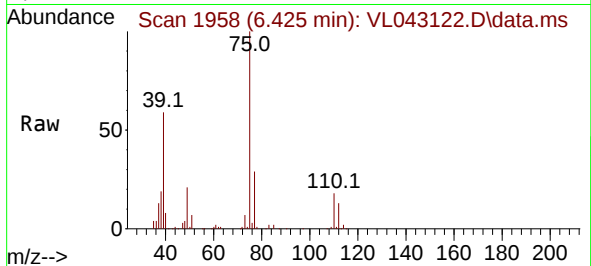




#45
t-1,3-Dichloropropene
Concen: 9.773 ppbv
RT: 6.425 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

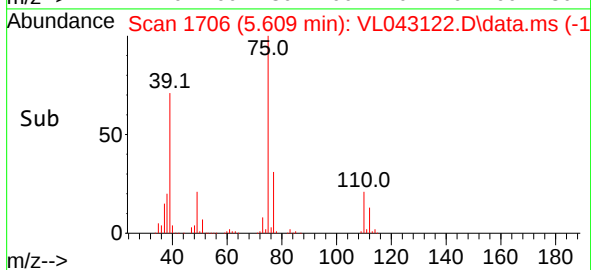
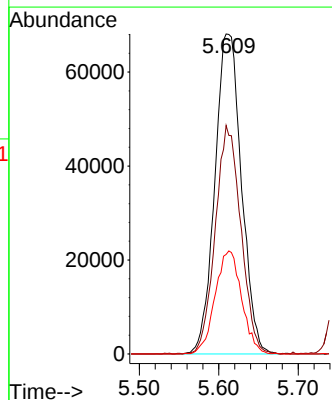
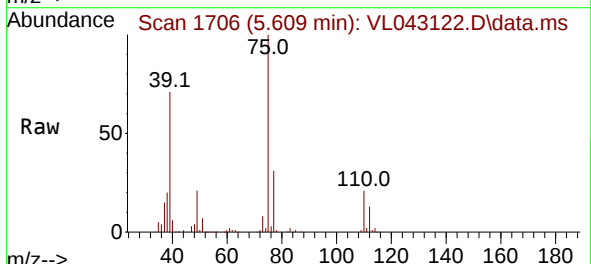
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

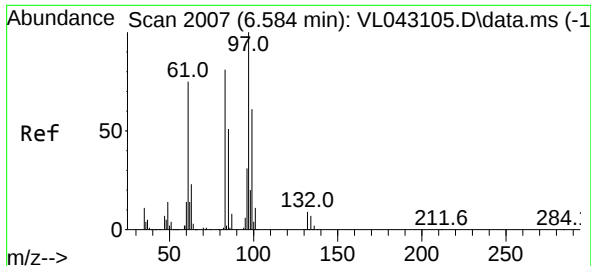
Tgt Ion: 75 Resp: 138082
Ion Ratio Lower Upper
75 100
77 29.3 25.4 38.2



#46
cis-1,3-Dichloropropene
Concen: 9.390 ppbv
RT: 5.609 min Scan# 1706
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 75 Resp: 158488
Ion Ratio Lower Upper
75 100
39 71.4 51.0 76.6
77 31.1 25.0 37.4

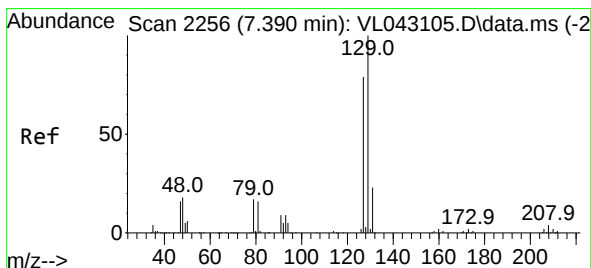
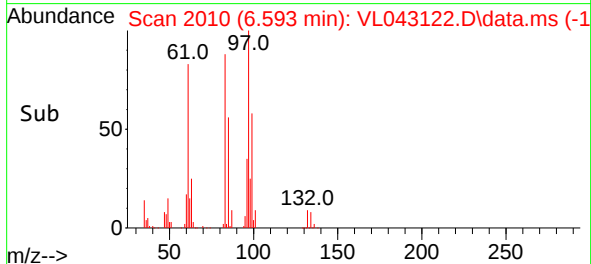
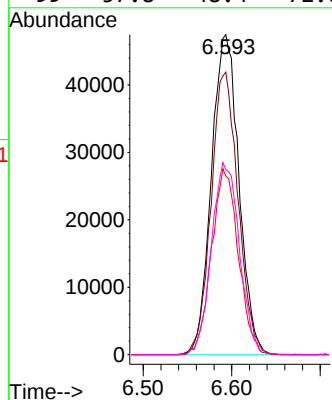
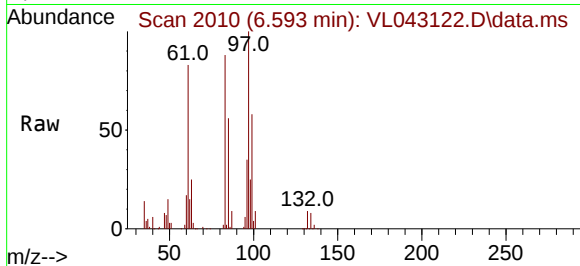




#47
1,1,2-Trichloroethane
Concen: 9.356 ppbv
RT: 6.593 min Scan# 20
Delta R.T. 0.009 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

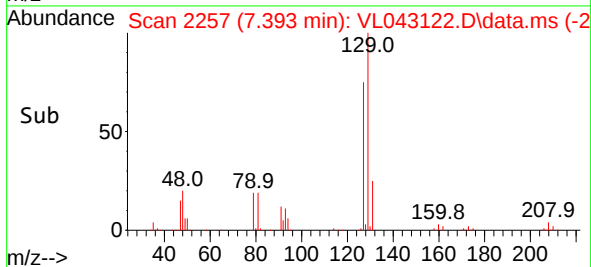
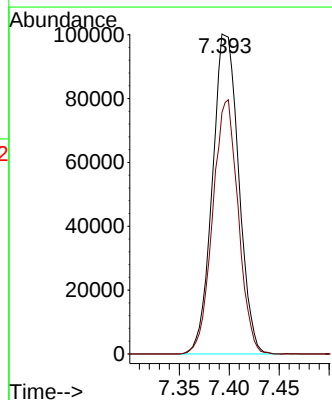
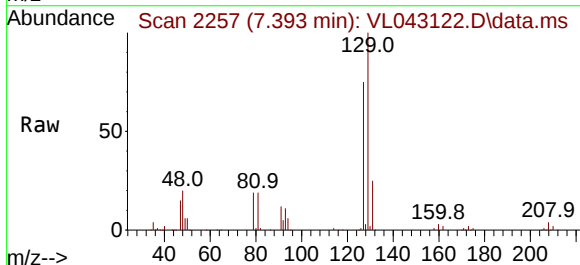
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

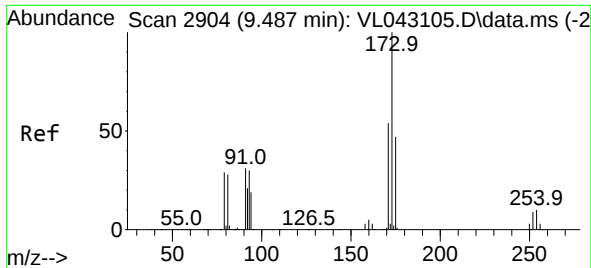
Tgt Ion: 97	Resp: 102387
Ion Ratio	Lower Upper
97 100	
83 88.2	64.6 96.8
85 55.8	40.6 60.8
99 57.8	48.4 72.6



#48
Dibromochloromethane
Concen: 10.029 ppbv
RT: 7.393 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion:129	Resp: 183501
Ion Ratio	Lower Upper
129 100	
127 77.0	39.3 117.9

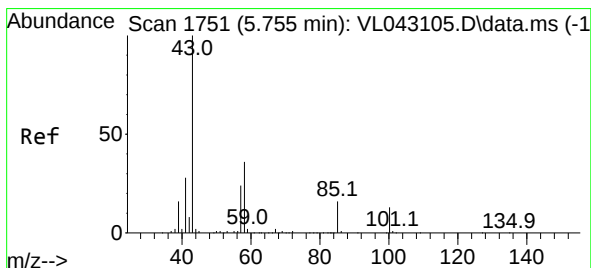
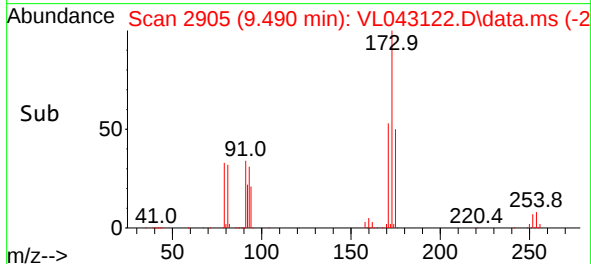
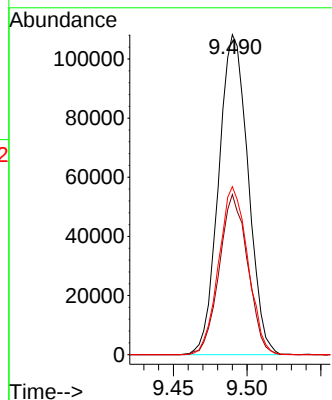
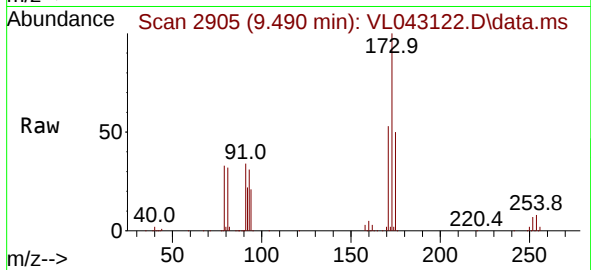




#49
Bromoform
Concen: 10.102 ppbv
RT: 9.490 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

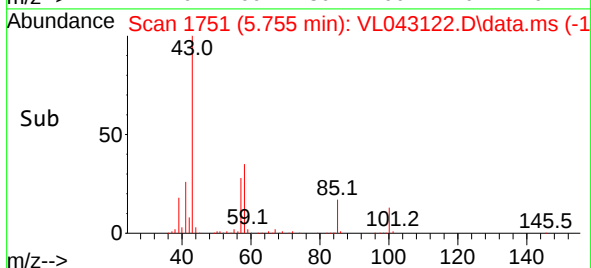
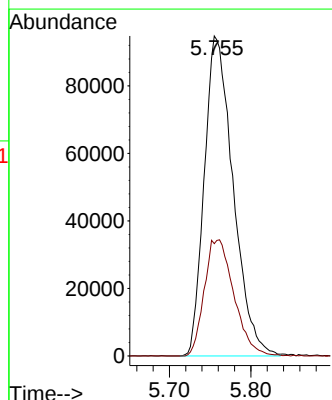
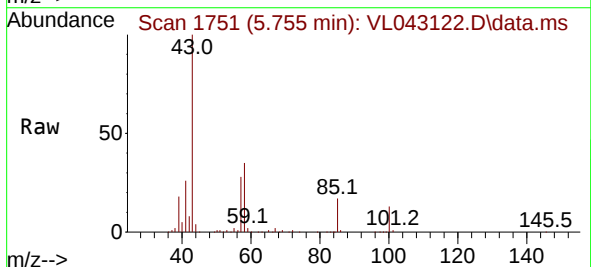
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

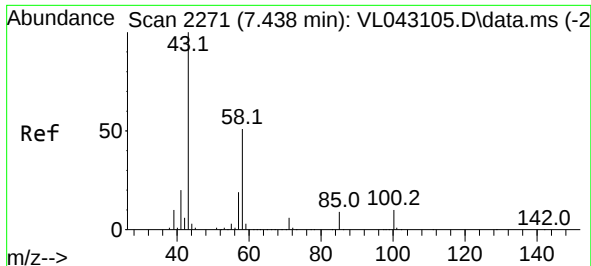
Tgt Ion:173 Resp: 150248
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
171 51.9 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 8.535 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 43 Resp: 233019
Ion Ratio Lower Upper
43 100
58 37.4 29.1 43.7

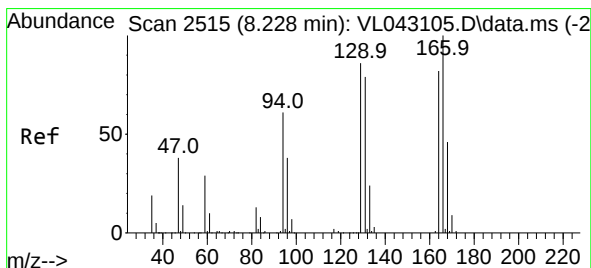
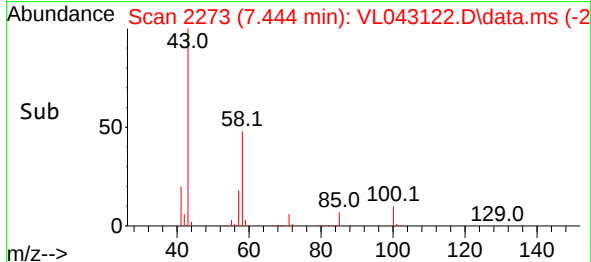
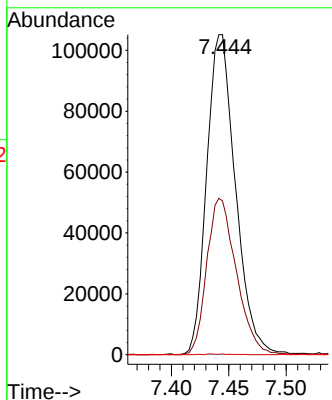
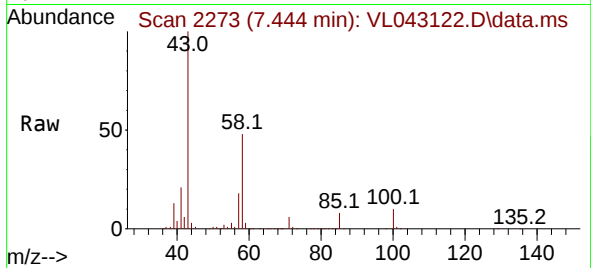




#51
2-Hexanone
Concen: 8.933 ppbv
RT: 7.444 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

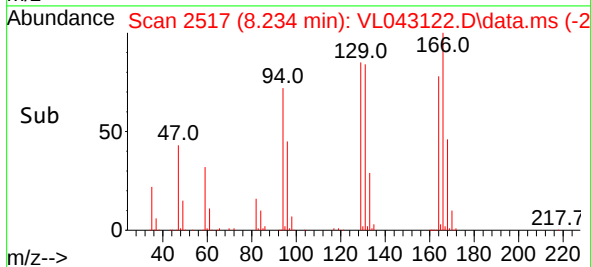
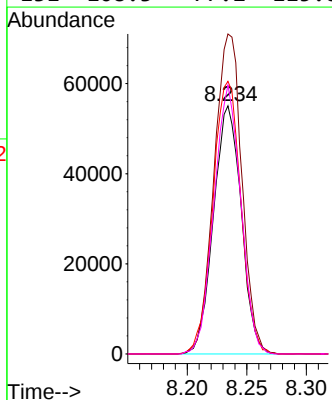
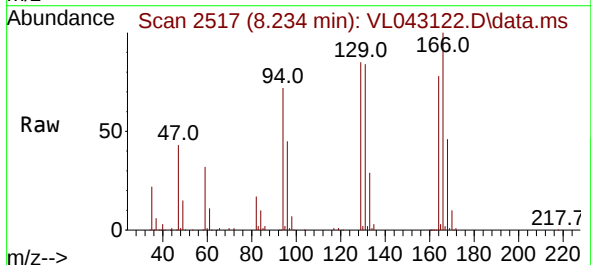
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

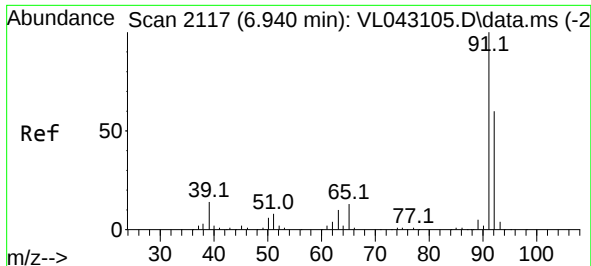
Tgt Ion: 43 Resp: 182931
Ion Ratio Lower Upper
43 100
58 50.5 40.4 60.6
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.885 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.006 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 164 Resp: 88818
Ion Ratio Lower Upper
164 100
166 129.0 97.6 146.4
129 109.8 84.5 126.7
131 108.3 77.2 115.8

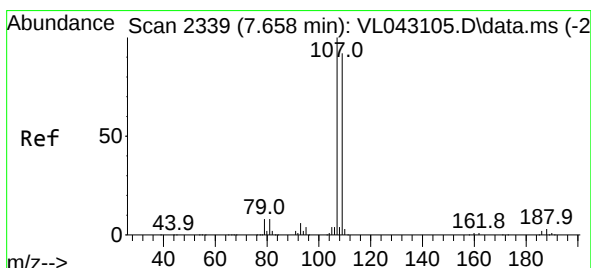
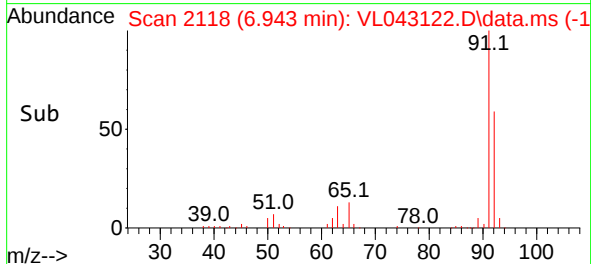
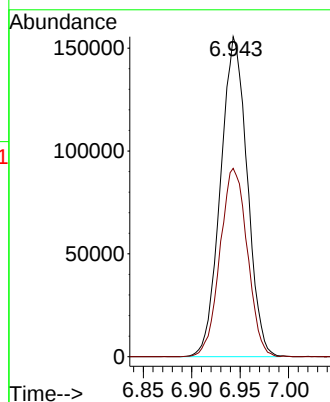
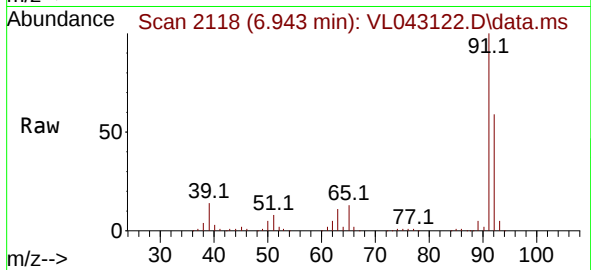




#53
Toluene
Concen: 9.066 ppbv
RT: 6.943 min Scan# 2117
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

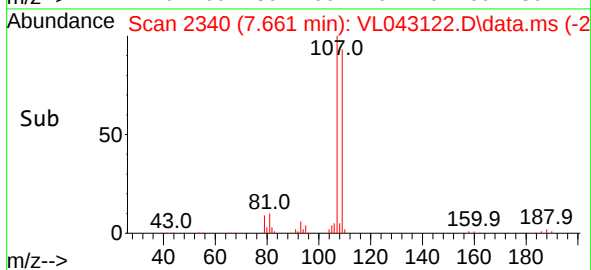
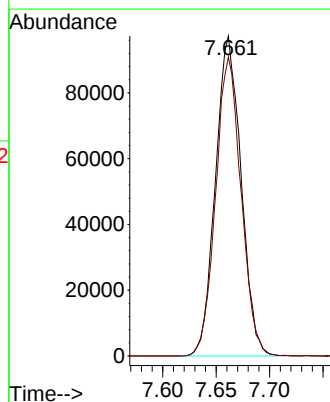
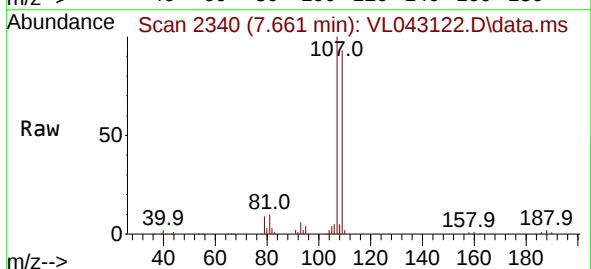
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

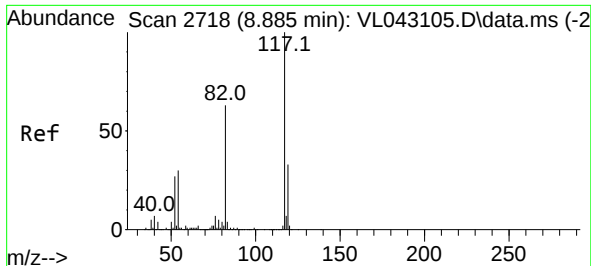
Tgt Ion: 91 Resp: 298271
Ion Ratio Lower Upper
91 100
92 60.3 48.8 73.2



#54
1,2-Dibromoethane
Concen: 9.452 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 107 Resp: 162018
Ion Ratio Lower Upper
107 100
109 93.5 73.4 110.2

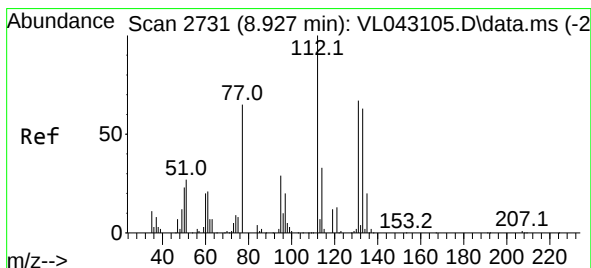
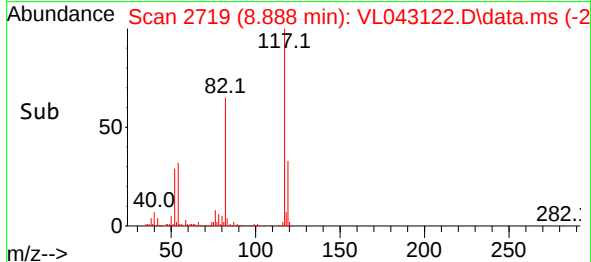
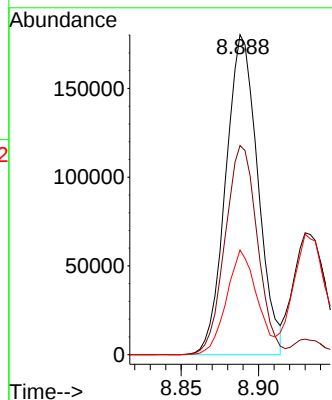
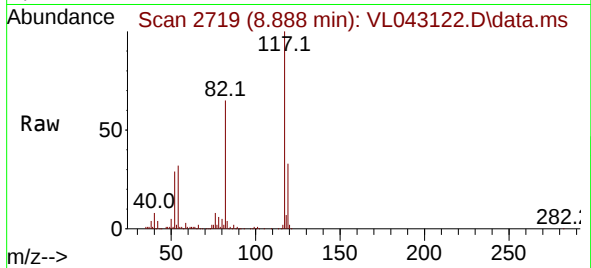




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2718
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

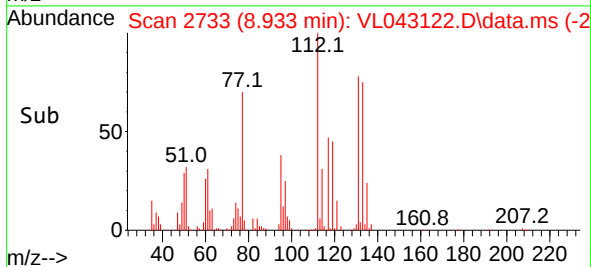
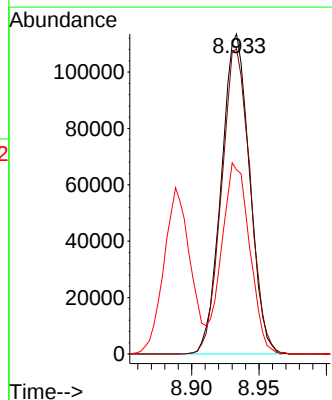
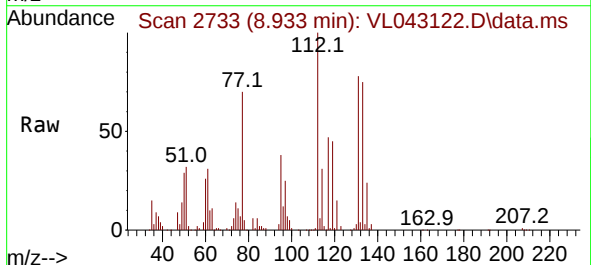
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

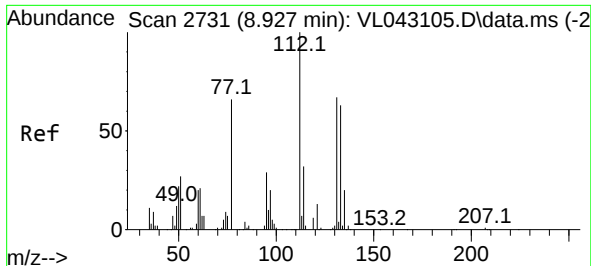
Tgt Ion:117 Resp: 260330
Ion Ratio Lower Upper
117 100
82 70.3 53.8 80.8
119 30.6 25.4 38.0



#56
1,1,1,2-Tetrachloroethane
Concen: 10.085 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.006 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion:131 Resp: 165501
Ion Ratio Lower Upper
131 100
133 96.5 75.7 113.5
119 57.8 50.6 76.0

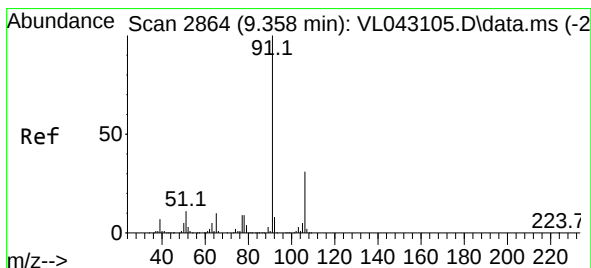
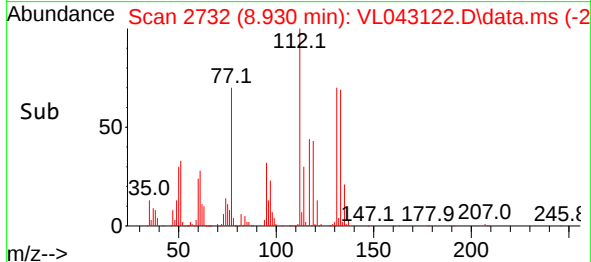
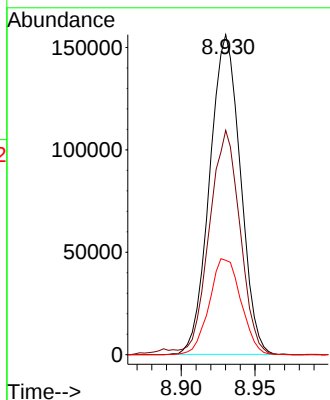
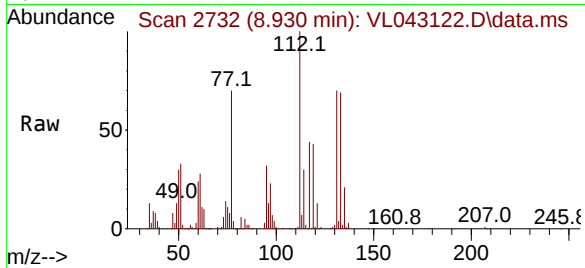




#57
Chlorobenzene
Concen: 9.261 ppbv
RT: 8.930 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

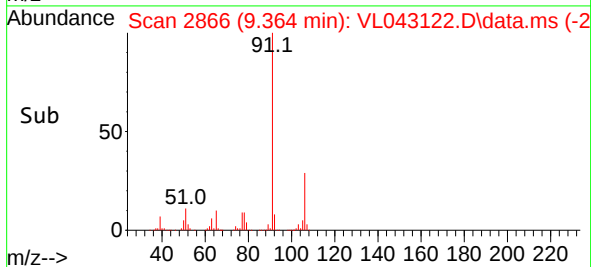
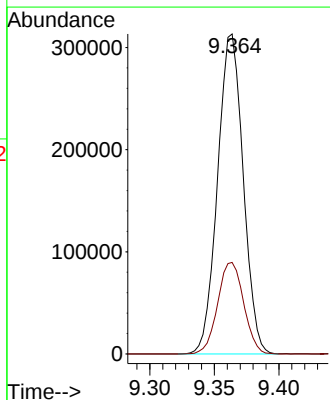
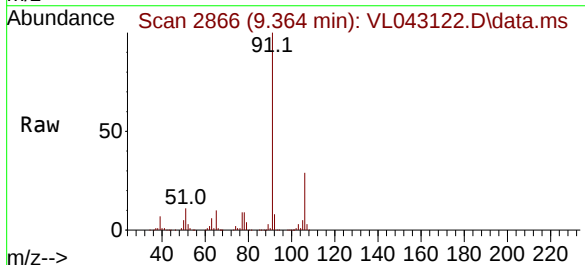
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

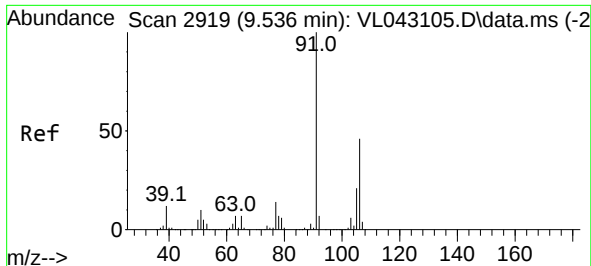
Tgt Ion:112 Resp: 225547
Ion Ratio Lower Upper
112 100
77 70.2 53.3 79.9
114 29.5 29.3 35.8



#58
Ethyl Benzene
Concen: 9.672 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.006 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 91 Resp: 432119
Ion Ratio Lower Upper
91 100
106 28.6 24.8 37.2





#59

m/p-Xylene

Concen: 9.927 ppbv

RT: 9.542 min Scan# 2919

Delta R.T. 0.006 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

Instrument :

MSVOA_L

ClientSampleId :

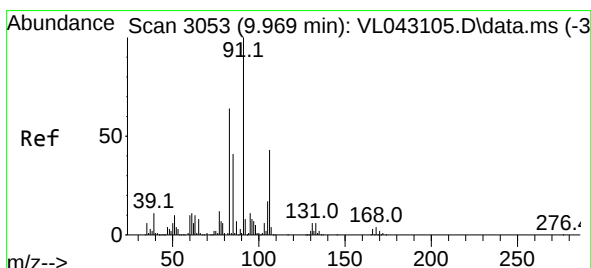
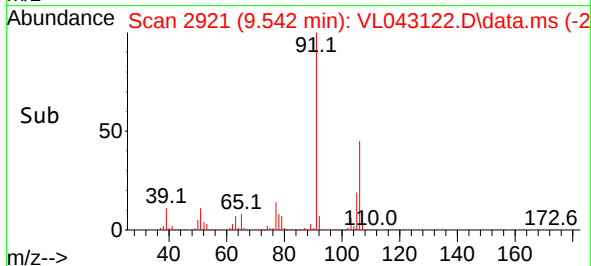
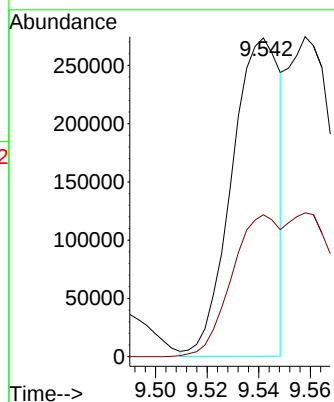
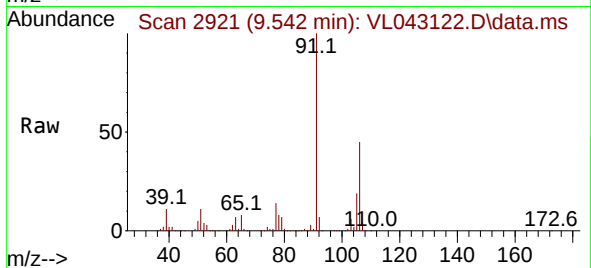
VL1015ABSD01

Tgt Ion: 91 Resp: 353747

Ion Ratio Lower Upper

91 100

106 0.0 38.0 57.0#



#60

o-Xylene

Concen: 9.657 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VL043122.D

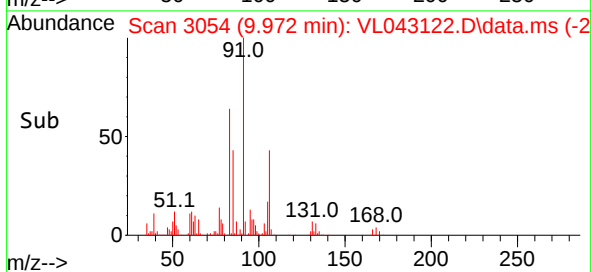
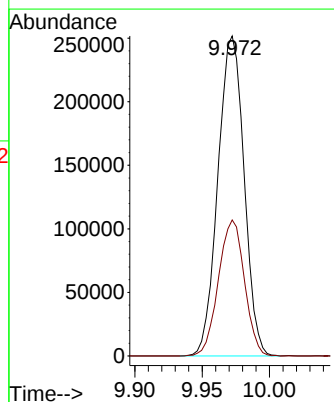
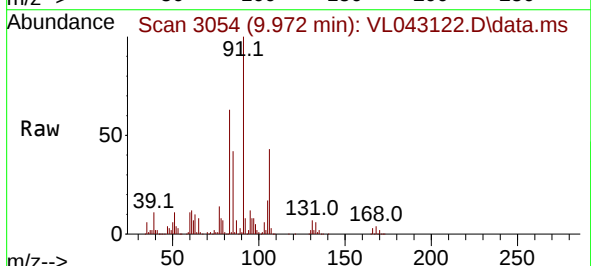
Acq: 15 Oct 2025 15:57

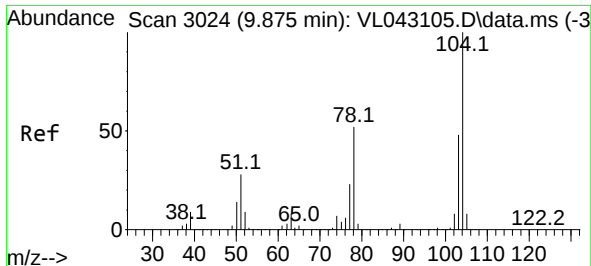
Tgt Ion: 91 Resp: 339885

Ion Ratio Lower Upper

91 100

106 42.2 21.9 65.8

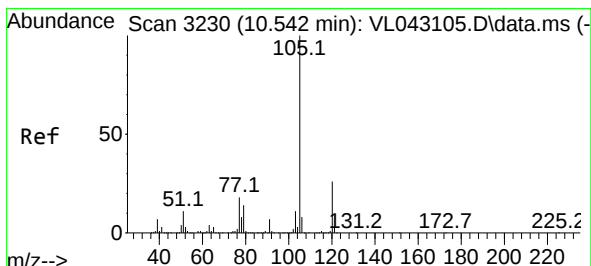
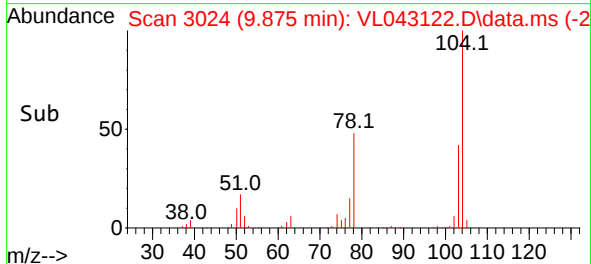
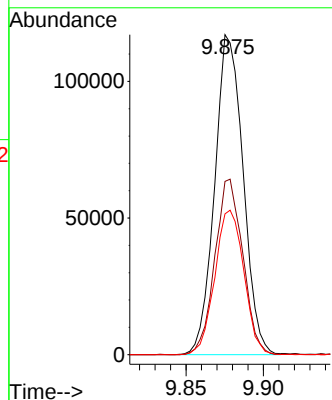
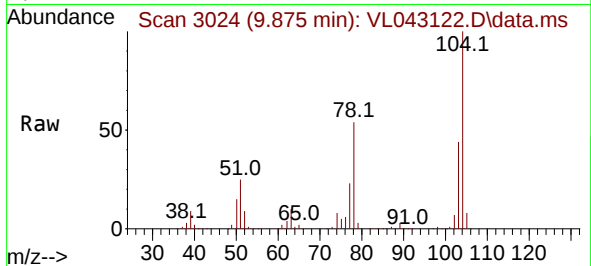




#61
Styrene
Concen: 9.408 ppbv
RT: 9.875 min Scan# 3024
Delta R.T. -0.000 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

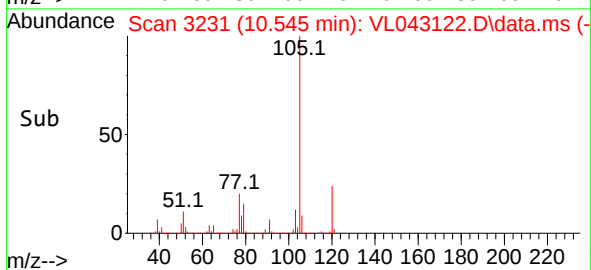
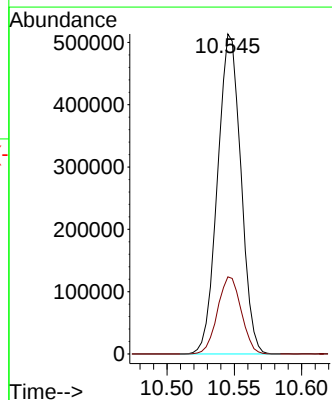
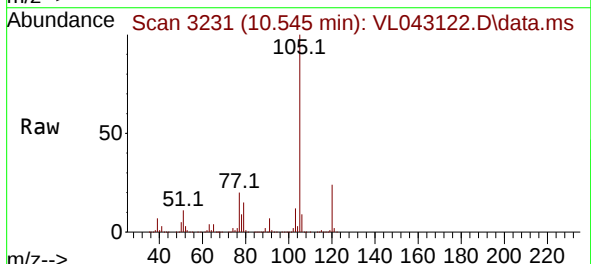
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

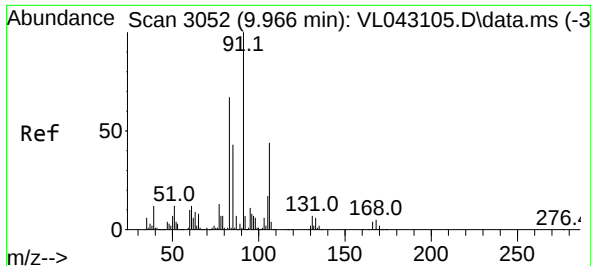
Tgt Ion:104 Resp: 149479
Ion Ratio Lower Upper
104 100
78 53.9 40.2 60.2
103 46.2 36.9 55.3



#62
Isopropylbenzene
Concen: 9.727 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion:105 Resp: 618625
Ion Ratio Lower Upper
105 100
120 24.4 20.2 30.4





#63

1,1,2,2-Tetrachloroethane

Concen: 8.964 ppbv

RT: 9.969 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABSD01

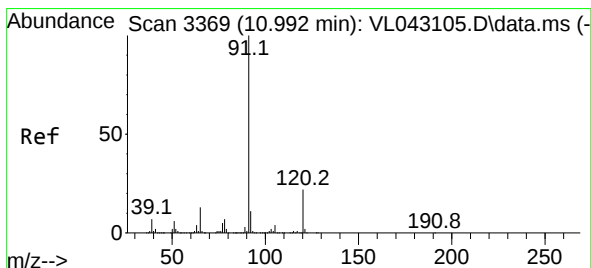
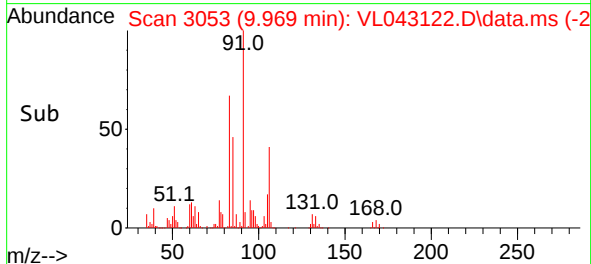
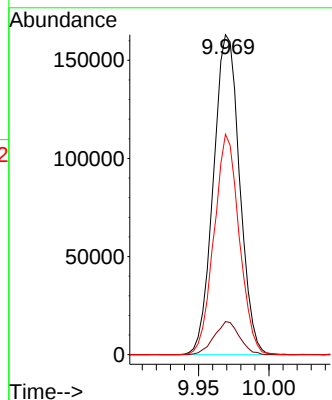
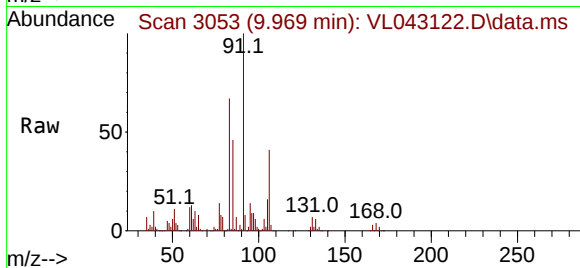
Tgt Ion: 83 Resp: 211262

Ion Ratio Lower Upper

83 100

131 10.0 4.8 14.3

85 66.3 32.0 96.0



#64

n-propylbenzene

Concen: 9.273 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. 0.003 min

Lab File: VL043122.D

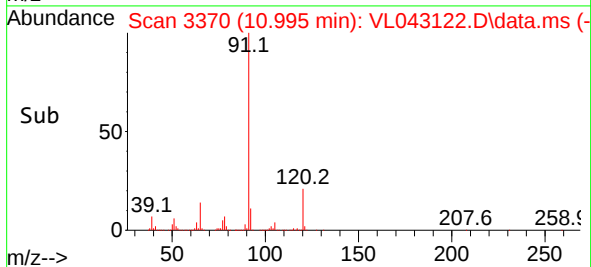
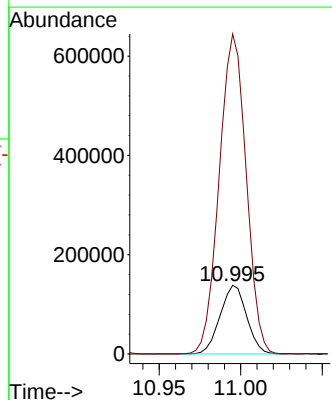
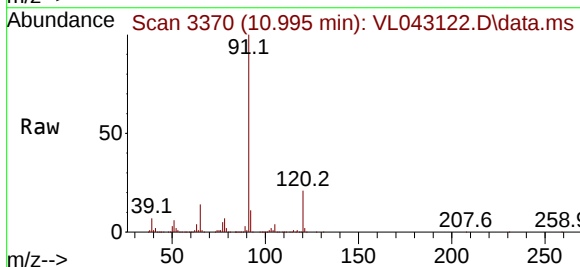
Acq: 15 Oct 2025 15:57

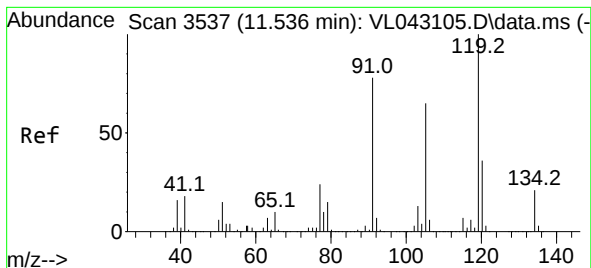
Tgt Ion: 120 Resp: 156132

Ion Ratio Lower Upper

120 100

91 475.6 361.6 542.4





#65

tert-Butylbenzene

Concen: 9.200 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.003 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABSD01

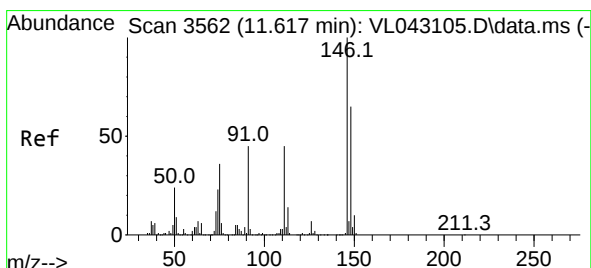
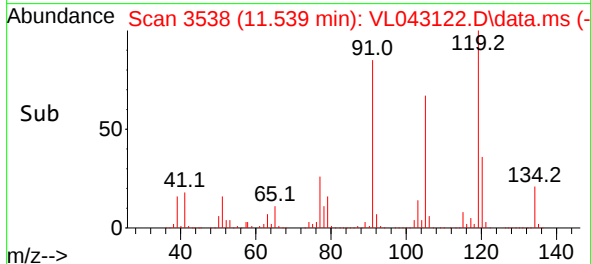
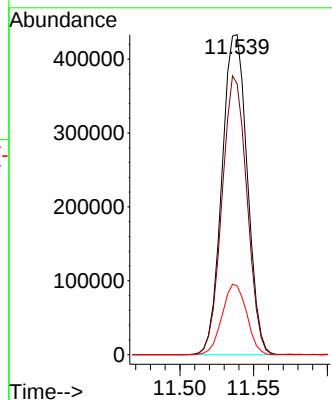
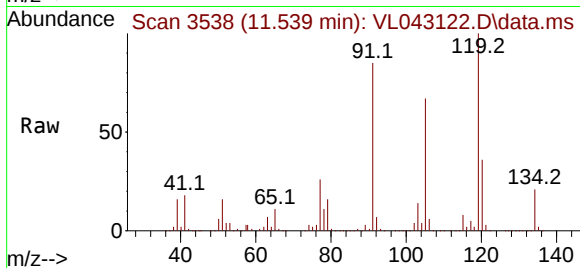
Tgt Ion:119 Resp: 516711

Ion Ratio Lower Upper

119 100

91 85.7 63.4 95.0

134 21.4 17.3 25.9



#66

Benzyl Chloride

Concen: 8.686 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.003 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

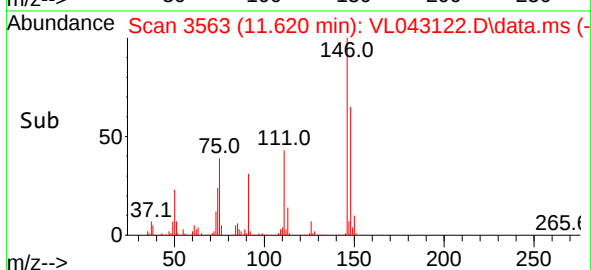
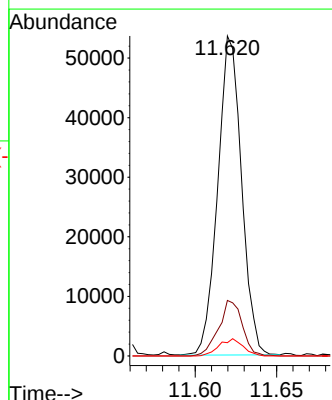
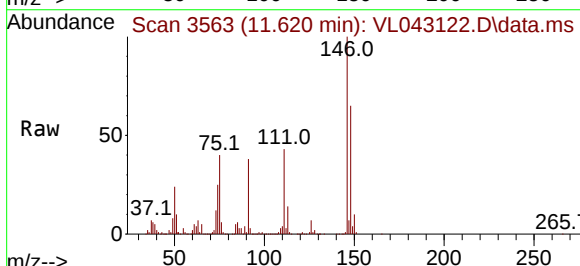
Tgt Ion: 91 Resp: 54290

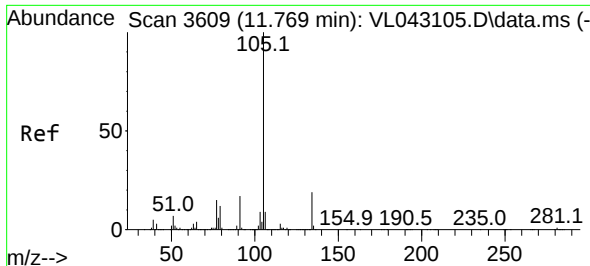
Ion Ratio Lower Upper

91 100

126 17.3 14.6 22.0

128 5.5 4.6 6.8

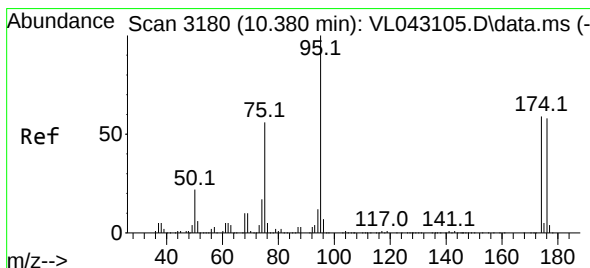
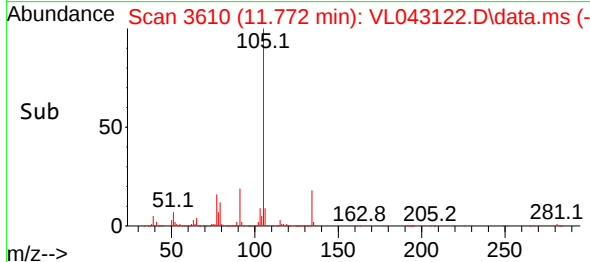
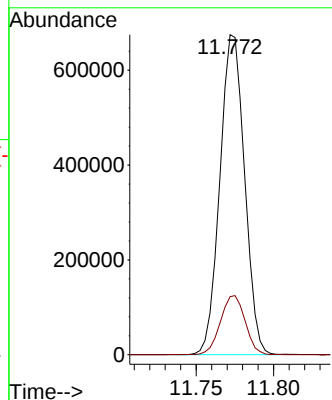
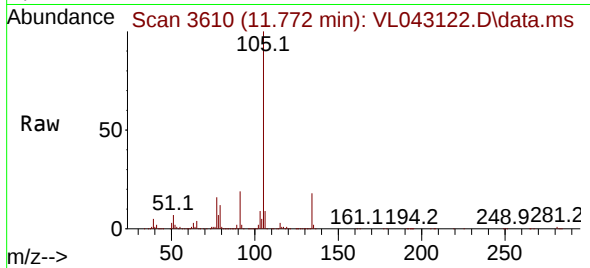




#67
 sec-Butylbenzene
 Concen: 9.378 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VL043122.D
 Acq: 15 Oct 2025 15:57

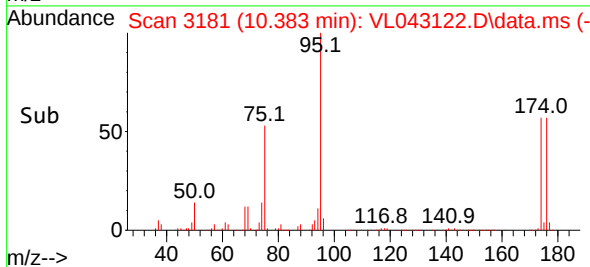
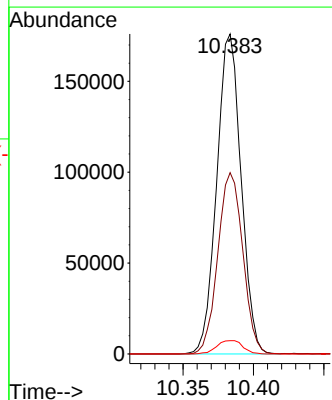
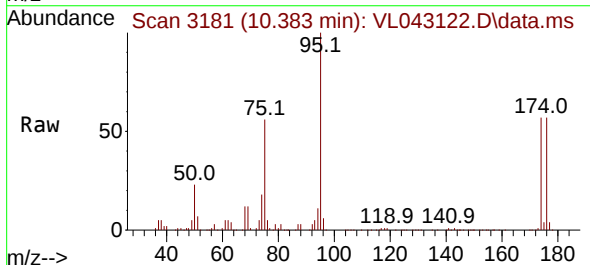
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1015ABSD01

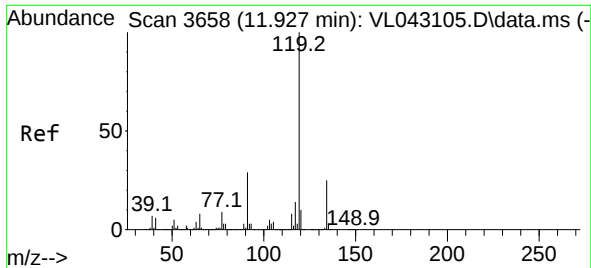
Tgt Ion:105 Resp: 747469
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.484 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.003 min
 Lab File: VL043122.D
 Acq: 15 Oct 2025 15:57

Tgt Ion: 95 Resp: 212144
 Ion Ratio Lower Upper
 95 100
 174 58.2 48.3 72.5
 175 4.5 3.8 5.8

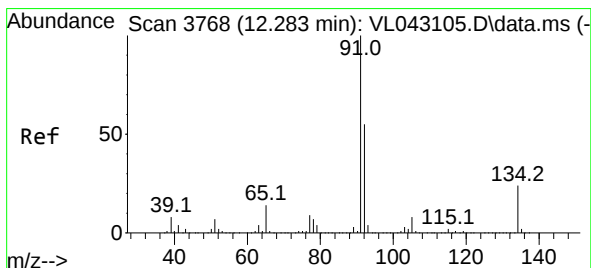
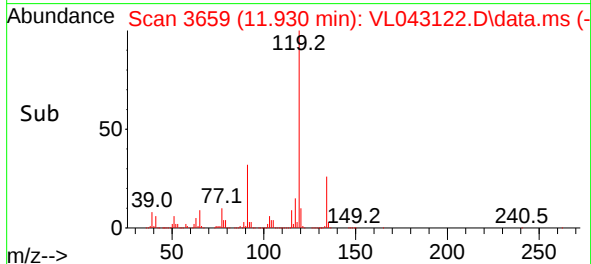
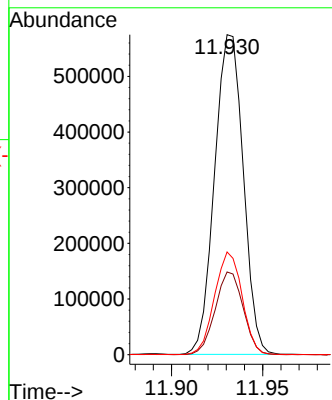
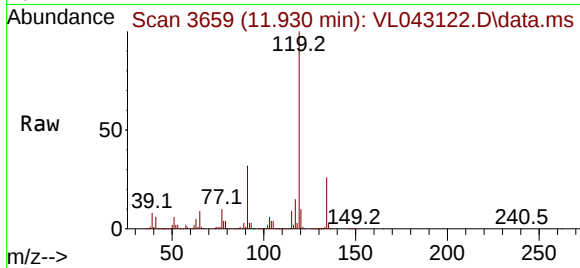




#69
p-Isopropyltoluene
Concen: 9.275 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

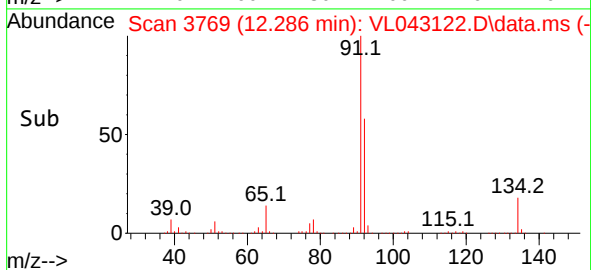
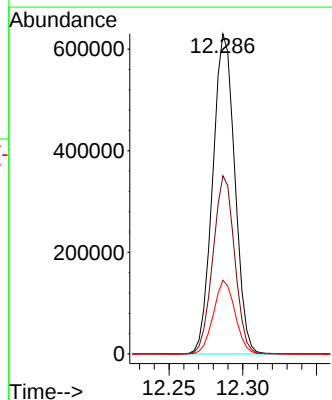
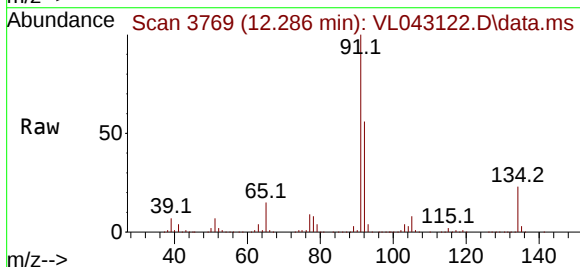
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

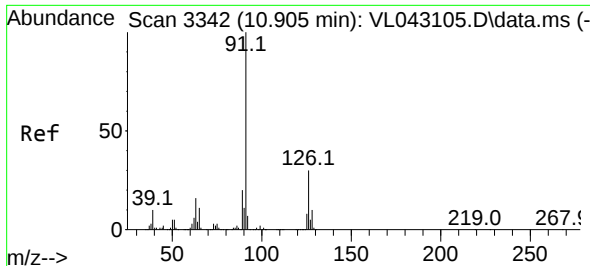
Tgt Ion:119 Resp: 628190
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 31.0 22.6 33.8



#70
n-Butylbenzene
Concen: 9.843 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 91 Resp: 656970
Ion Ratio Lower Upper
91 100
92 54.6 44.5 66.7
134 22.5 19.3 28.9

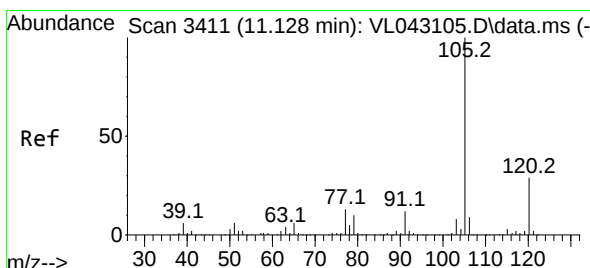
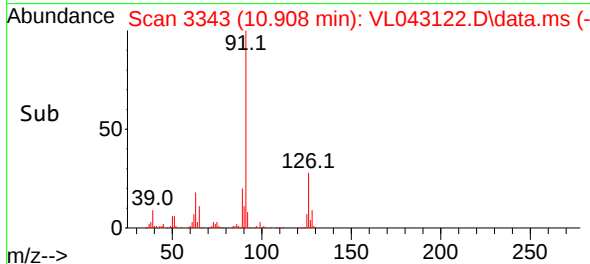
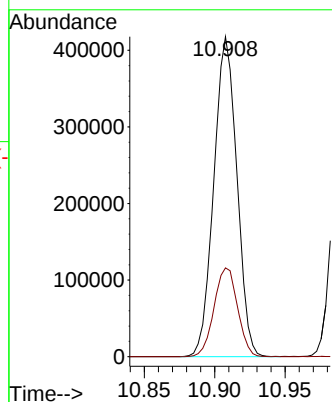
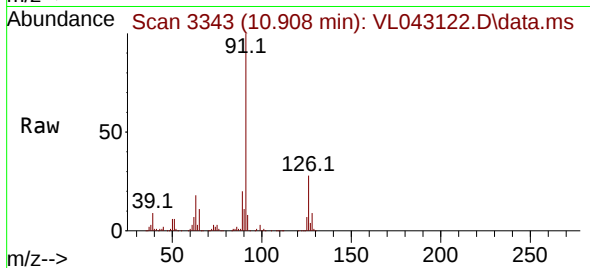




#71
2-Chlorotoluene
Concen: 9.800 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

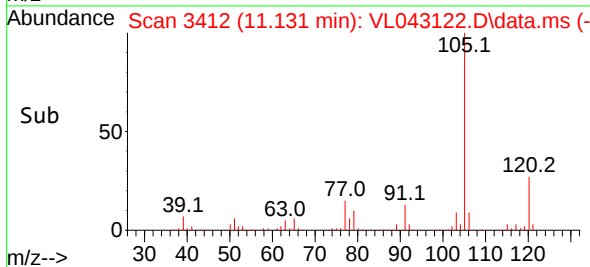
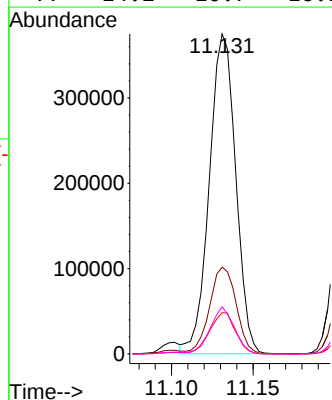
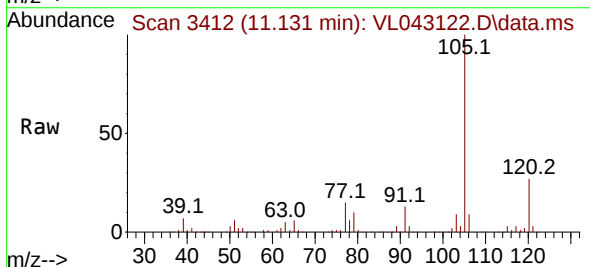
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

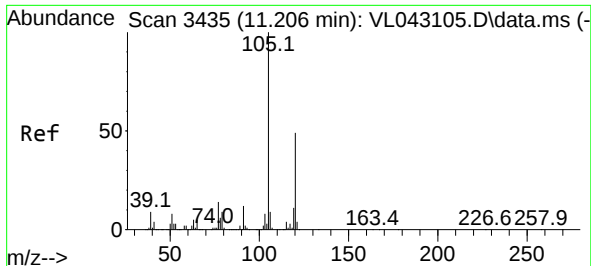
Tgt Ion: 91 Resp: 475356
Ion Ratio Lower Upper
91 100
126 28.3 12.0 48.0



#72
4-Ethyltoluene
Concen: 9.743 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion: 105 Resp: 421655
Ion Ratio Lower Upper
105 100
120 28.5 24.2 36.4
91 13.2 10.0 15.0
77 14.2 10.7 16.1

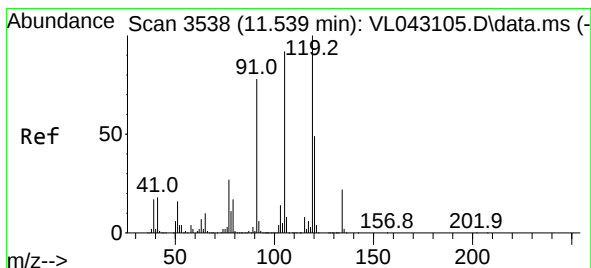
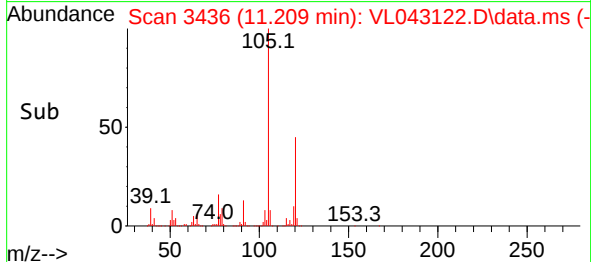
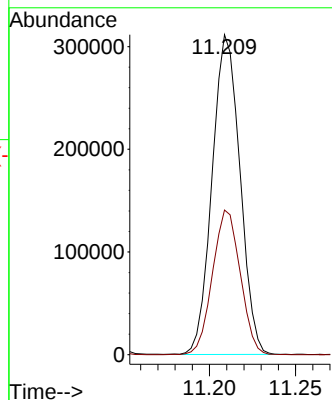
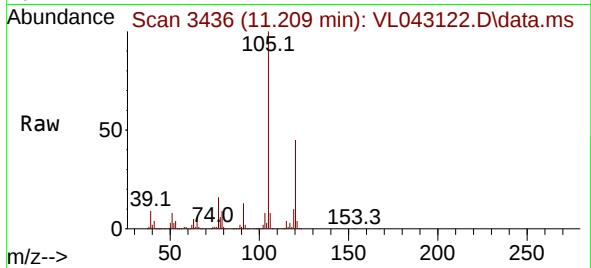




#73
1,3,5-Trimethylbenzene
Concen: 9.818 ppbv
RT: 11.209 min Scan# 3436
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

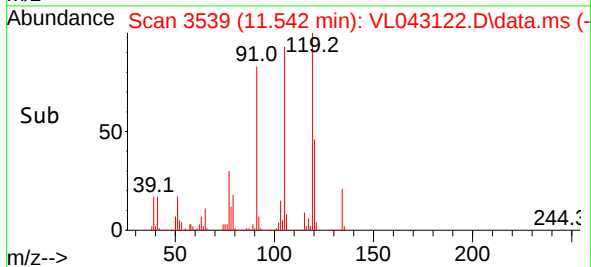
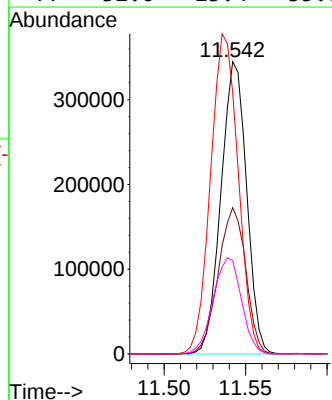
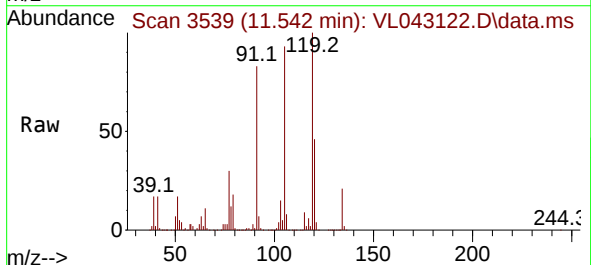
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

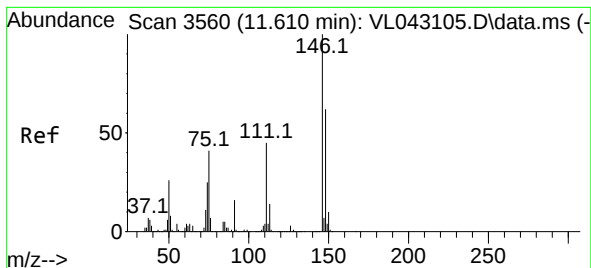
Tgt Ion:105 Resp: 350402
Ion Ratio Lower Upper
105 100
120 45.2 39.0 58.6



#74
1,2,4-Trimethylbenzene
Concen: 9.429 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion:105 Resp: 376592
Ion Ratio Lower Upper
105 100
120 50.0 42.8 64.2
91 89.5 68.3 102.5
77 32.0 23.4 35.0





#75

1,3-Dichlorobenzene

Concen: 9.519 ppbv

RT: 11.613 min Scan# 3560

Delta R.T. 0.003 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

Instrument :

MSVOA_1

ClientSampleId :

VL1015ABSD01

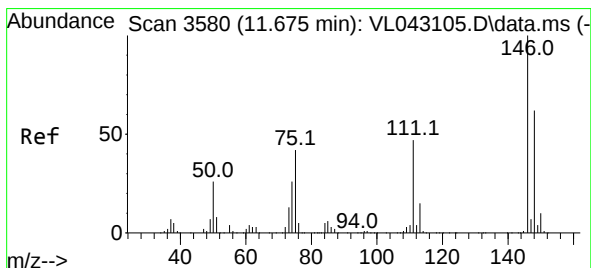
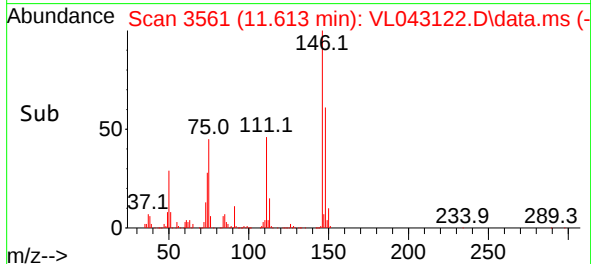
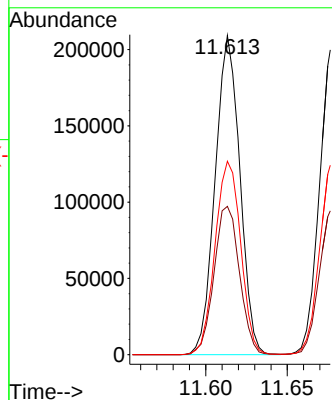
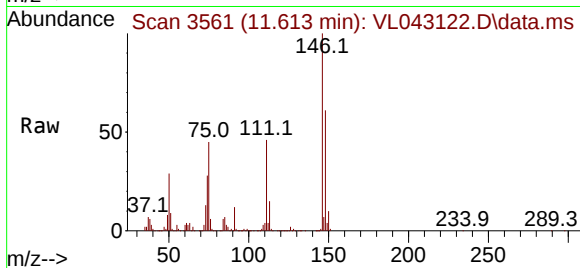
Tgt Ion:146 Resp: 220504

Ion Ratio Lower Upper

146 100

111 48.1 23.3 69.9

148 63.0 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 9.438 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.003 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

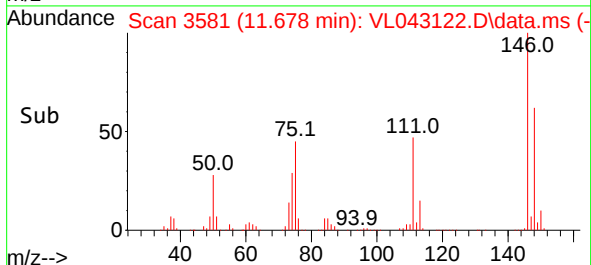
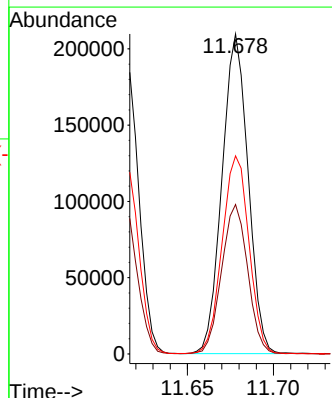
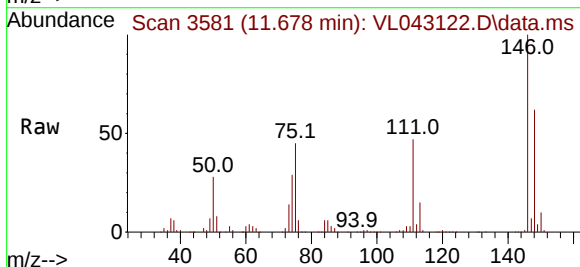
Tgt Ion:146 Resp: 220451

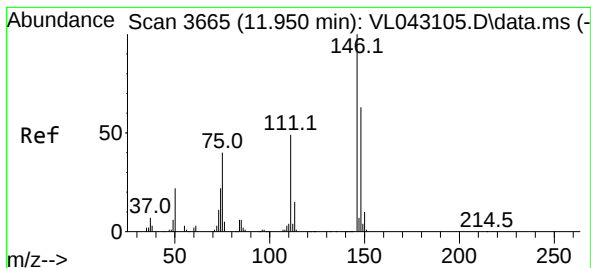
Ion Ratio Lower Upper

146 100

111 47.2 22.4 67.0

148 64.4 31.6 94.7





#77

1,2-Dichlorobenzene

Concen: 9.182 ppbv

RT: 11.953 min Scan# 30

Delta R.T. 0.003 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABSD01

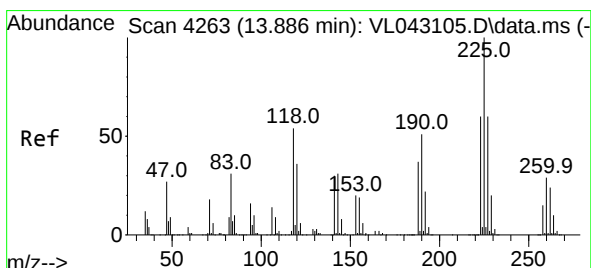
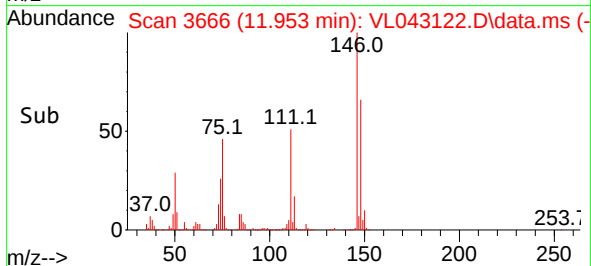
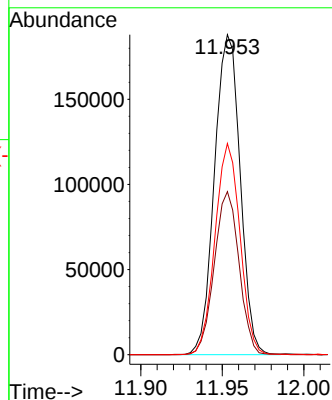
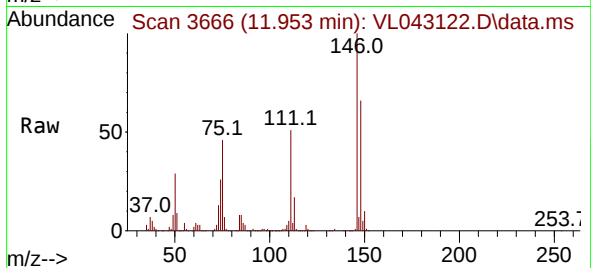
Tgt Ion:146 Resp: 205757

Ion Ratio Lower Upper

146 100

111 49.2 24.0 72.0

148 64.3 31.1 93.3



#78

Hexachloro-1,3-Butadiene

Concen: 8.533 ppbv

RT: 13.889 min Scan# 4264

Delta R.T. 0.003 min

Lab File: VL043122.D

Acq: 15 Oct 2025 15:57

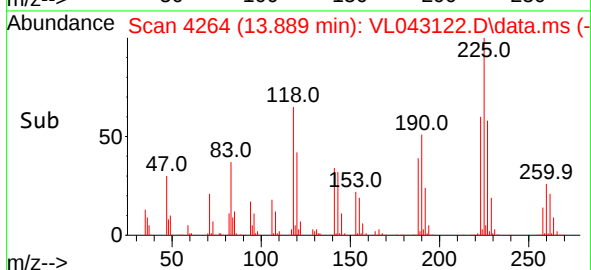
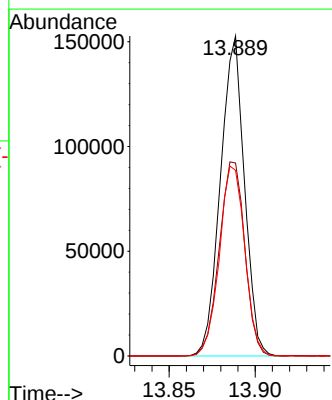
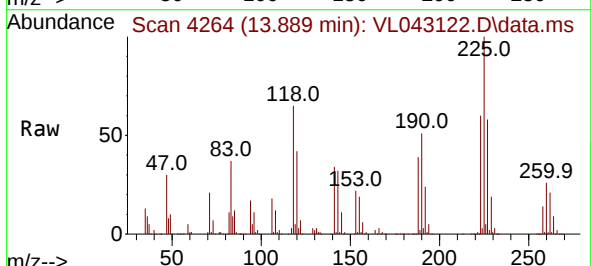
Tgt Ion:225 Resp: 148058

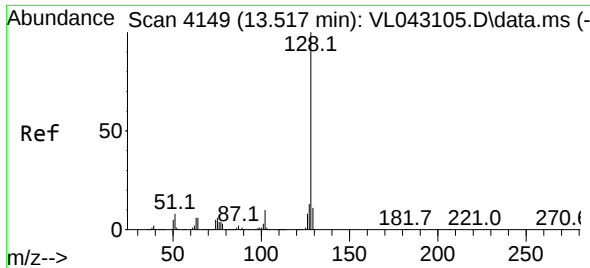
Ion Ratio Lower Upper

225 100

223 64.6 50.2 75.4

227 62.8 49.6 74.4

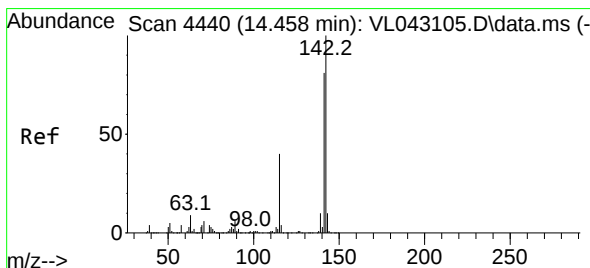
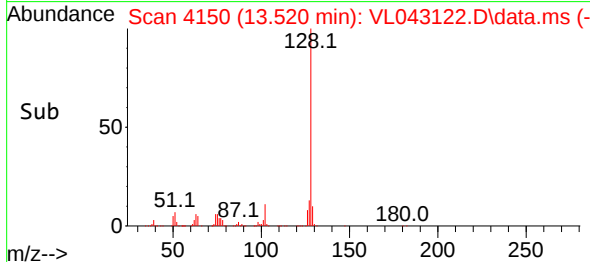
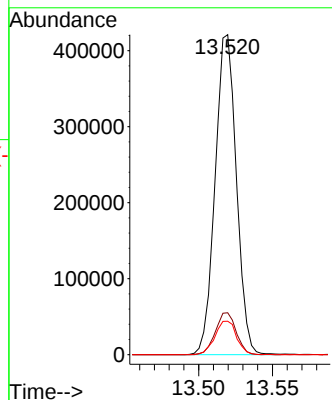
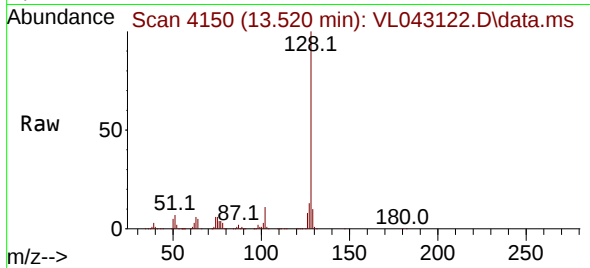




#79
Naphthalene
Concen: 10.128 ppbv
RT: 13.520 min Scan# 4149
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

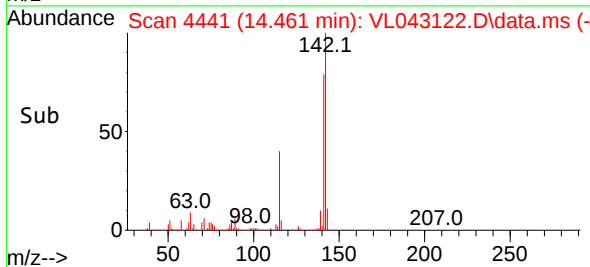
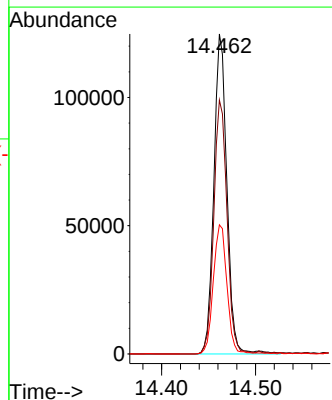
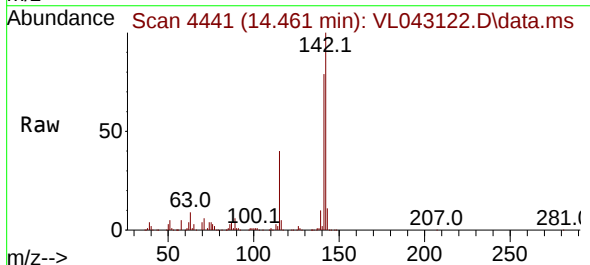
Instrument :
MSVOA_L
ClientSampleId :
VL1015ABSD01

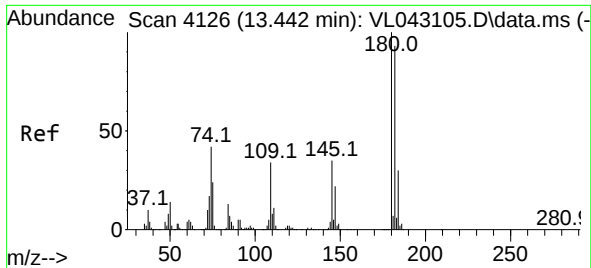
Tgt Ion:128 Resp: 422818
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.5 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 11.049 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. 0.003 min
Lab File: VL043122.D
Acq: 15 Oct 2025 15:57

Tgt Ion:142 Resp: 120171
Ion Ratio Lower Upper
142 100
141 81.9 64.6 97.0
115 42.5 30.2 45.4





#81

1,2,4-Trichlorobenzene

Concen: 9.717 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043122.D

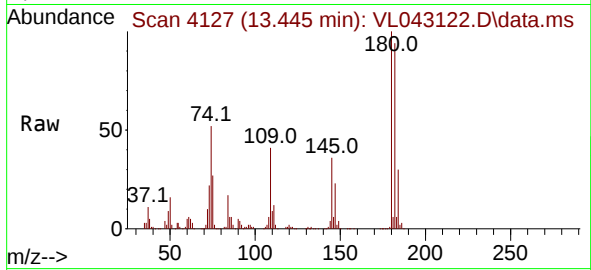
Acq: 15 Oct 2025 15:57

Instrument :

MSVOA_L

ClientSampleId :

VL1015ABSD01



Tgt Ion:180 Resp: 168366

Ion Ratio Lower Upper

180 100

182 95.2 75.5 113.3

184 30.3 23.9 35.9

