

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100625\
 Data File : VL043046.D
 Acq On : 06 Oct 2025 10:12
 Operator : SY/MD
 Sample : VL1006ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1006ABS01

Quant Time: Oct 07 01:33:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 08:23:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.780	49	188357	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	537601	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	447189	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	338181	10.498	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	295209	9.299	ppbv	99
3) Chlorodifluoromethane	1.473	51	282563	9.201	ppbv	100
4) Chloromethane	1.531	50	106576	9.191	ppbv	97
5) Vinyl Chloride	1.576	62	101063	9.184	ppbv	99
6) Bromomethane	1.664	94	47460	9.598	ppbv	94
7) Chloroethane	1.703	64	42252	9.201	ppbv	96
8) Dichlorotetrafluoroethane	1.551	85	247037	9.497	ppbv	97
9) Propene	1.483	41	113498	9.166	ppbv	99
10) Heptane	4.965	43	320280	10.521	ppbv	100
11) Trichlorofluoromethane	1.874	101	302747	9.280	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.133	101	239211	9.310	ppbv	99
13) Ethanol	1.719	45	4927	9.710	ppbv	99
14) Bromoethene	1.777	108	87214	9.468	ppbv	99
15) Acetone	1.832	43	213544	8.097	ppbv	99
16) 1,3-Butadiene	1.606	39	99231	9.126	ppbv	99
17) tert-Butyl alcohol	2.033	59	260280	9.330	ppbv	100
18) 1,1-Dichloroethene	2.030	96	102725	9.120	ppbv	96
19) Isopropyl Alcohol	1.881	45	111933	8.858	ppbv	99
20) Methylene Chloride	2.059	84	90931	7.899	ppbv	98
21) Allyl Chloride	2.091	41	157109	9.299	ppbv	99
22) trans-1,2-Dichloroethene	2.337	96	117166	9.162	ppbv	98
23) Vinyl Acetate	2.457	43	42991	7.678	ppbv	99
24) 1,1-Dichloroethane	2.402	63	225170	9.289	ppbv	99
25) Ethyl Acetate	2.826	43	647632	9.789	ppbv	100
26) Hexane	2.819	57	258251	10.147	ppbv	100
27) Carbon Disulfide	2.146	76	283466	9.434	ppbv	99
28) Methyl tert-Butyl Ether	2.434	73	147013	9.230	ppbv	99
29) Chloroform	2.842	83	402053	9.266	ppbv	100
30) Cyclohexane	3.845	84	213947	10.230	ppbv	98
31) cis-1,2-Dichloroethene	2.712	61	247932	9.477	ppbv	95
32) 1,1,1-Trichloroethane	3.360	97	392565	9.309	ppbv	99
34) 2-Butanone	2.547	43	347648	9.530	ppbv	100
35) Carbon Tetrachloride	3.751	117	414732	9.377	ppbv	96
36) Benzene	3.648	78	513451	9.997	ppbv	99
37) 1,2-Dichloroethane	3.208	62	296234	9.738	ppbv	100
38) Trichloroethene	4.535	130	213507	9.979	ppbv	99
39) 1,2-Dichloropropane	4.302	63	185321	9.734	ppbv	96
40) 1,4-Dioxane	4.564	88	80157	9.816	ppbv #	96
41) Tetrahydrofuran	3.043	42	199341	10.573	ppbv	100
42) Bromodichloromethane	4.473	83	422079	9.826	ppbv	99
43) Methyl Methacrylate	4.862	69	185044	10.853	ppbv	99
44) 2,2,4-Trimethylpentane	4.625	57	871720	10.577	ppbv	99
45) t-1,3-Dichloropropene	6.399	75	157655	10.104	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100625\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

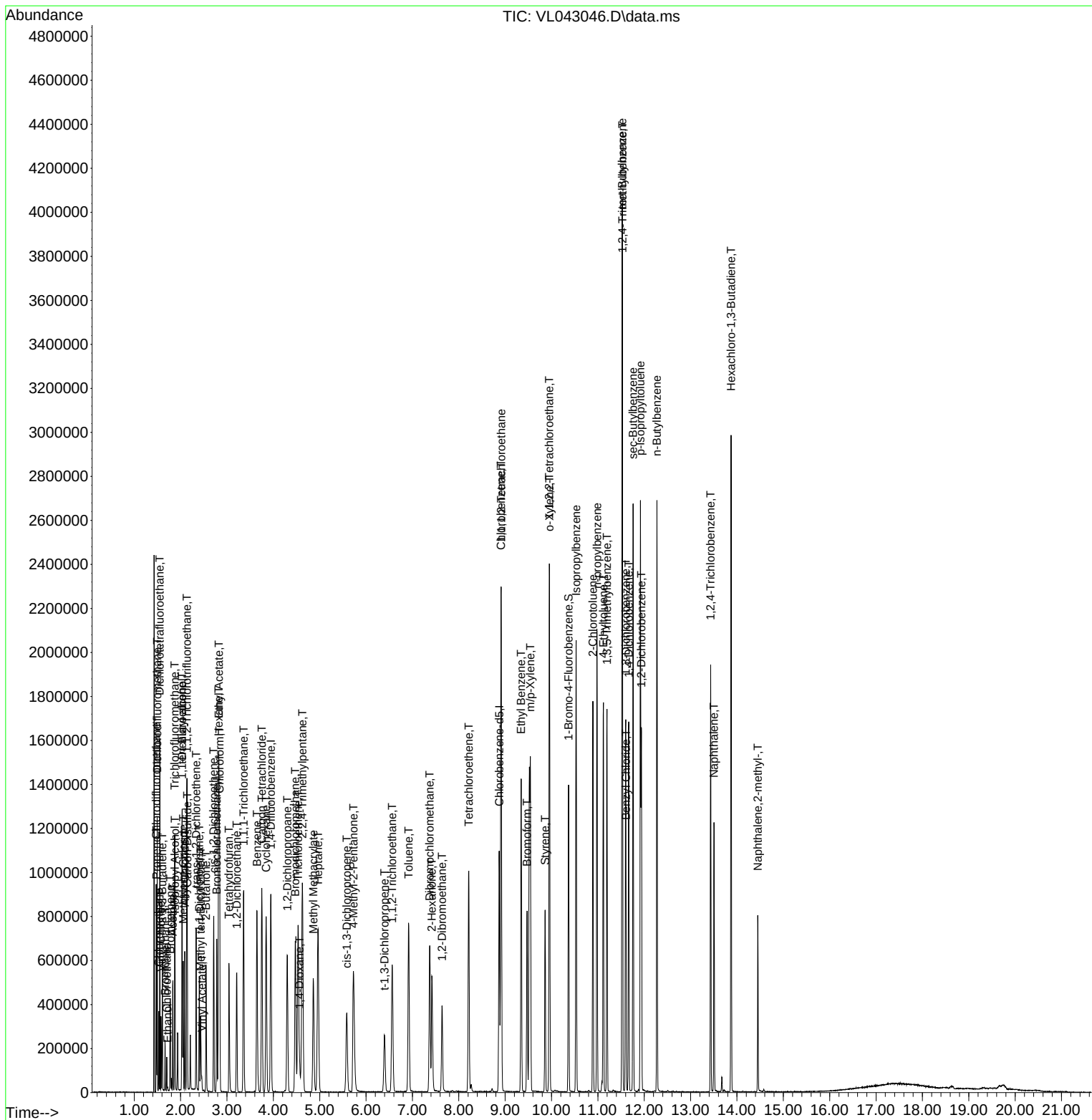
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 ClientSampleId :
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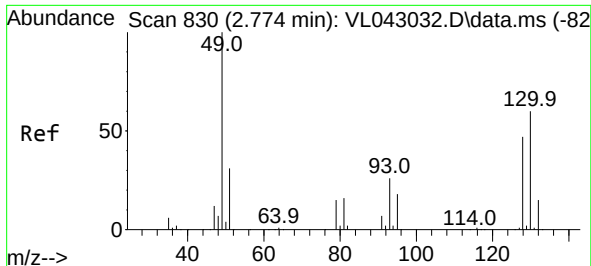
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 08:23:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.583	75	228082	10.375	ppbv	97
47) 1,1,2-Trichloroethane	6.561	97	201822	9.530	ppbv	96
48) Dibromochloromethane	7.373	129	341429	9.879	ppbv	100
49) Bromoform	9.474	173	279106	9.669	ppbv	100
50) 4-Methyl-2-Pentanone	5.726	43	489303	11.000	ppbv	98
51) 2-Hexanone	7.419	43	361924	11.431	ppbv #	97
52) Tetrachloroethene	8.215	164	178891	9.406	ppbv	100
53) Toluene	6.917	91	563494	10.867	ppbv	100
54) 1,2-Dibromoethane	7.639	107	248606	9.905	ppbv	92
56) 1,1,1,2-Tetrachloroethane	8.914	131	264054	9.687	ppbv	99
57) Chlorobenzene	8.911	112	456710	9.661	ppbv	99
58) Ethyl Benzene	9.344	91	767600	11.080	ppbv	98
59) m/p-Xylene	9.542	91	608693	10.417	ppbv #	23
60) o-Xylene	9.956	91	632243	10.862	ppbv	98
61) Styrene	9.862	104	275280	11.289	ppbv	99
62) Isopropylbenzene	10.532	105	945764	10.584	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.953	83	373448	8.943	ppbv	99
64) n-propylbenzene	10.982	120	246252	10.773	ppbv	99
65) tert-Butylbenzene	11.523	119	829195	10.427	ppbv	100
66) Benzyl Chloride	11.607	91	28281	9.305	ppbv	99
67) sec-Butylbenzene	11.759	105	1139275	10.266	ppbv	100
69) p-Isopropyltoluene	11.917	119	953493	10.562	ppbv	99
70) n-Butylbenzene	12.274	91	920477	10.590	ppbv	100
71) 2-Chlorotoluene	10.891	91	679459	10.507	ppbv	99
72) 4-Ethyltoluene	11.118	105	752627	10.863	ppbv	100
73) 1,3,5-Trimethylbenzene	11.196	105	630941	10.527	ppbv	100
74) 1,2,4-Trimethylbenzene	11.529	105	702152	10.380	ppbv	97
75) 1,3-Dichlorobenzene	11.600	146	409449	9.307	ppbv	99
76) 1,4-Dichlorobenzene	11.665	146	401258	9.565	ppbv	100
77) 1,2-Dichlorobenzene	11.940	146	389675	8.892	ppbv	99
78) Hexachloro-1,3-Butadiene	13.872	225	292520	9.580	ppbv	99
79) Naphthalene	13.503	128	548561	9.592	ppbv	99
80) Naphthalene,2-methyl-	14.449	142	207324	7.891	ppbv	99
81) 1,2,4-Trichlorobenzene	13.432	180	312207	11.975	ppbv	99

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

Quant Time: Oct 07 01:33:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
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QLast Update : Fri Oct 03 08:23:34 2025
Response via : Initial Calibration

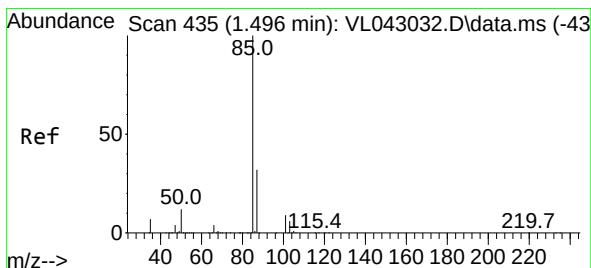
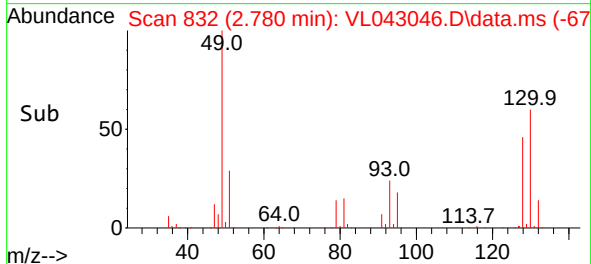
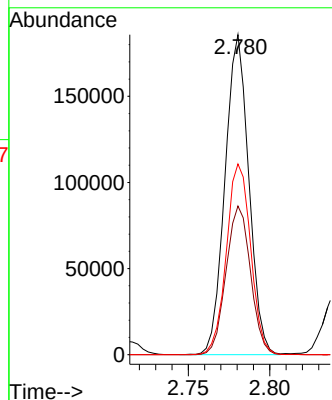
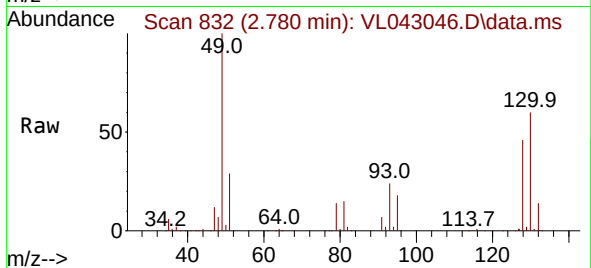




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.780 min Scan# 830
 Delta R.T. 0.006 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

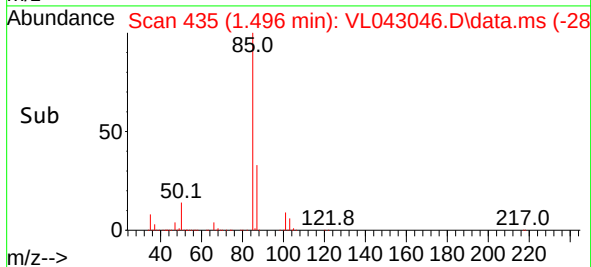
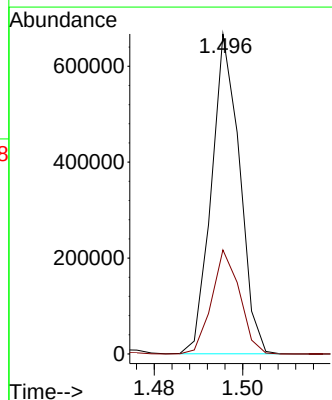
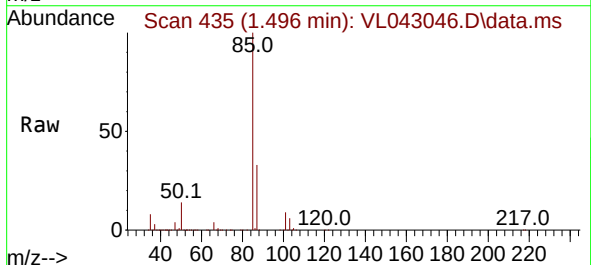
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1006ABS01

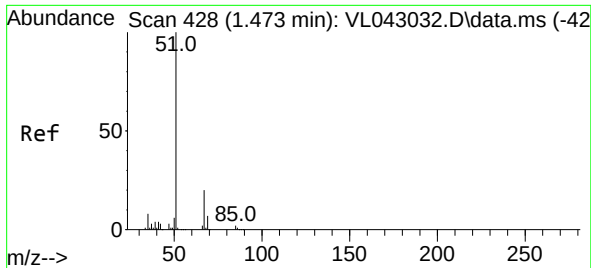
Tgt Ion: 49 Resp: 188357
 Ion Ratio Lower Upper
 49 100
 128 47.7 24.1 72.2
 130 60.8 31.4 94.3



#2
 Dichlorodifluoromethane
 Concen: 9.299 ppbv
 RT: 1.496 min Scan# 435
 Delta R.T. -0.000 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

Tgt Ion: 85 Resp: 295209
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6

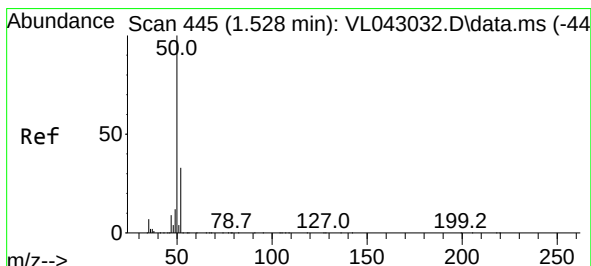
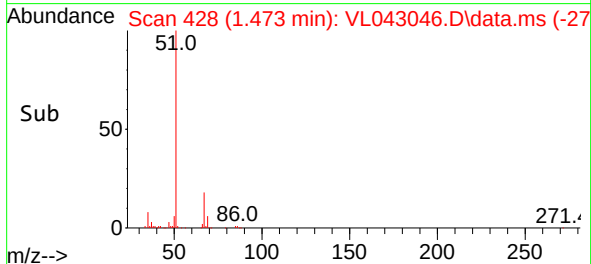
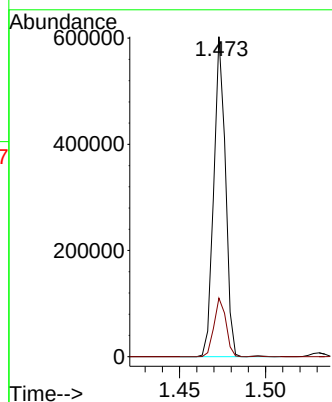
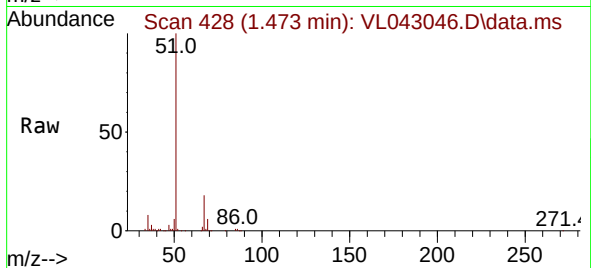




#3
Chlorodifluoromethane
Concen: 9.201 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

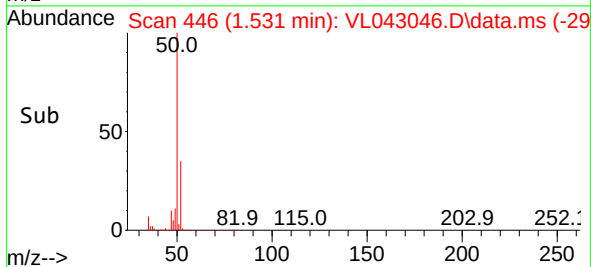
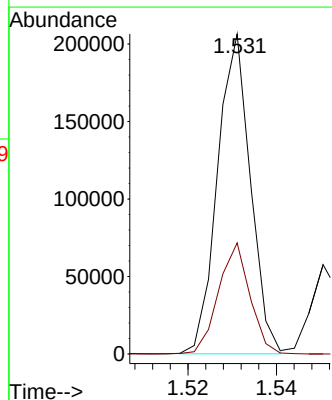
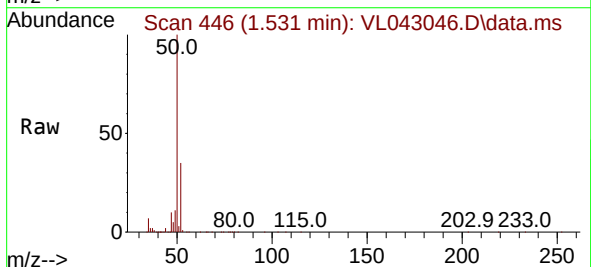
Instrument :
MSVOA_L
ClientSampleId :
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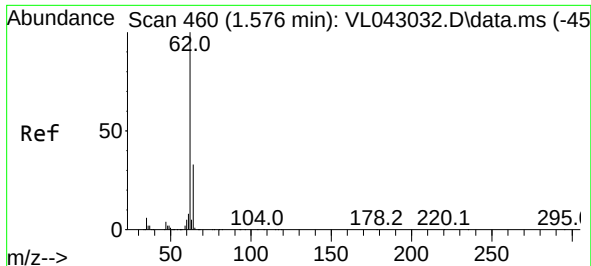
Tgt Ion: 51 Resp: 282563
Ion Ratio Lower Upper
51 100
67 18.9 15.1 22.7



#4
Chloromethane
Concen: 9.191 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 50 Resp: 106576
Ion Ratio Lower Upper
50 100
52 34.6 26.2 39.2

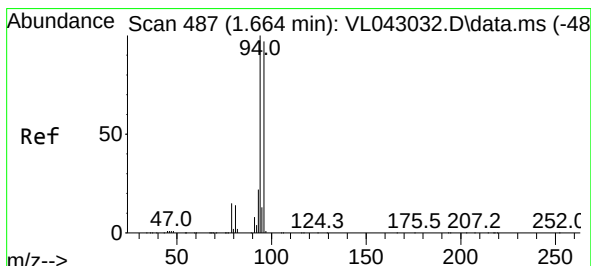
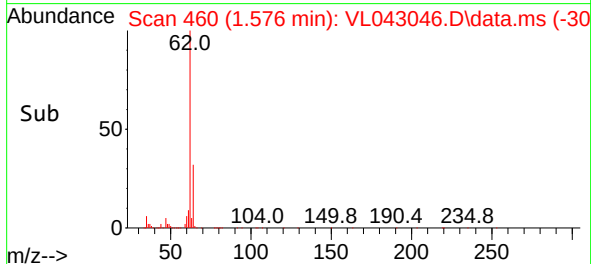
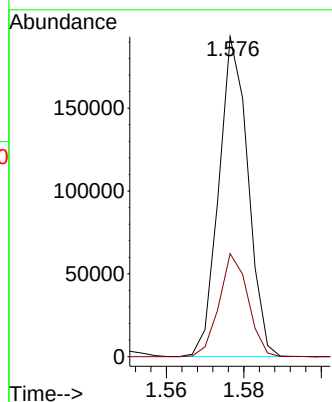
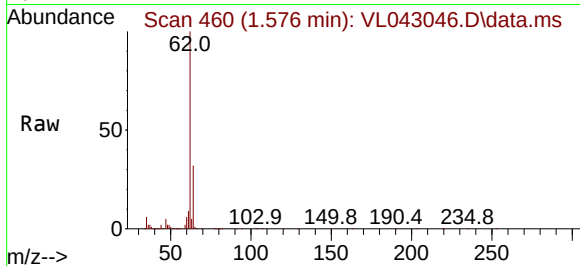




#5
 Vinyl Chloride
 Concen: 9.184 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. -0.000 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

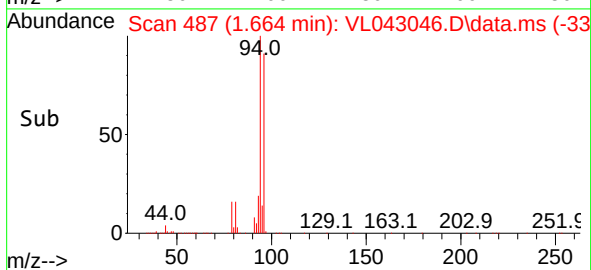
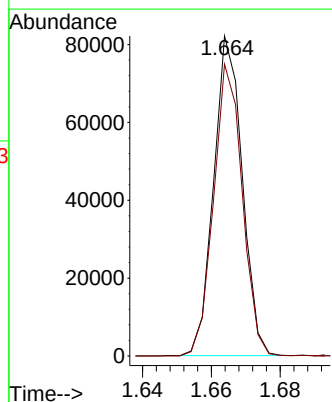
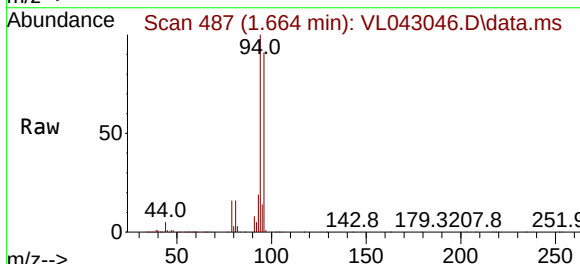
Instrument :
 MSVOA_1
 ClientSampleId :
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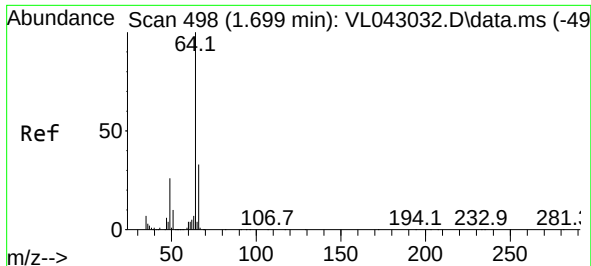
Tgt Ion: 62 Resp: 101063
 Ion Ratio Lower Upper
 62 100
 64 32.2 26.2 39.2



#6
 Bromomethane
 Concen: 9.598 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.000 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

Tgt Ion: 94 Resp: 47460
 Ion Ratio Lower Upper
 94 100
 96 91.3 77.6 116.4

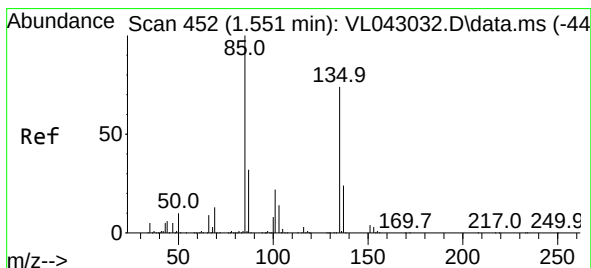
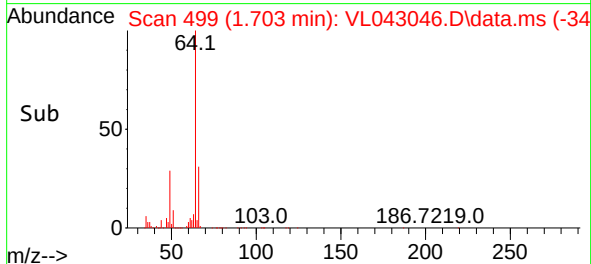
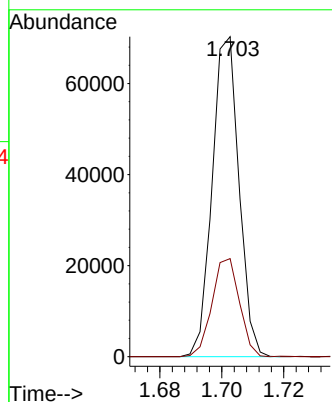
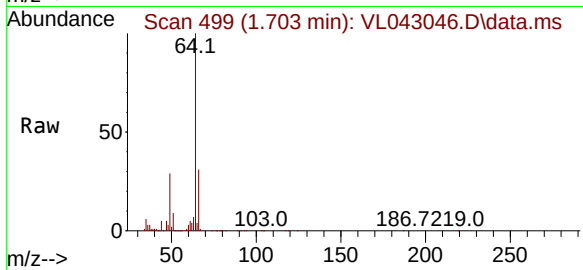




#7
Chloroethane
Concen: 9.201 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

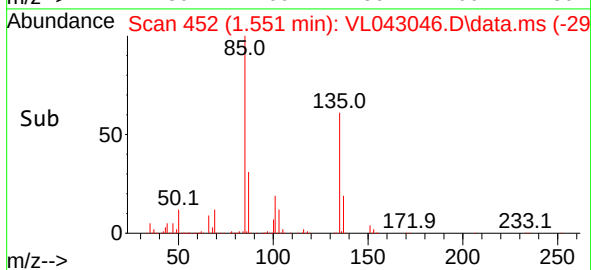
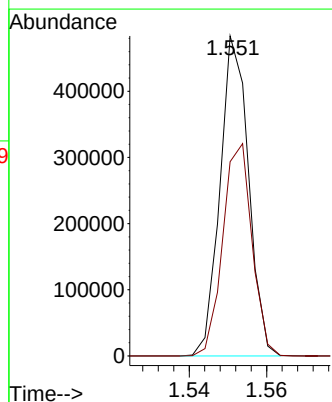
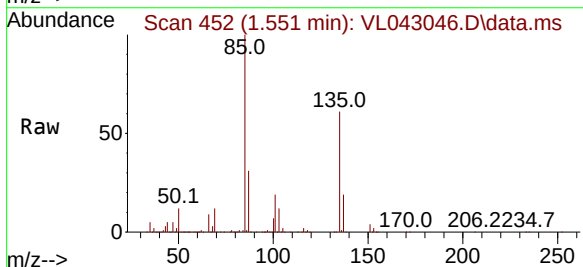
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ClientSampleId :
VL1006ABS01

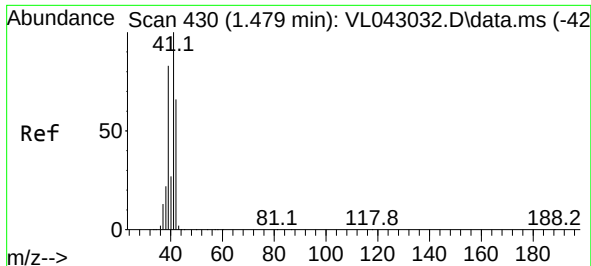
Tgt Ion: 64 Resp: 42252
Ion Ratio Lower Upper
64 100
66 30.7 26.6 39.8



#8
Dichlorotetrafluoroethane
Concen: 9.497 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.000 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 85 Resp: 247037
Ion Ratio Lower Upper
85 100
135 68.2 56.3 84.5





#9

Propene

Concen: 9.166 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

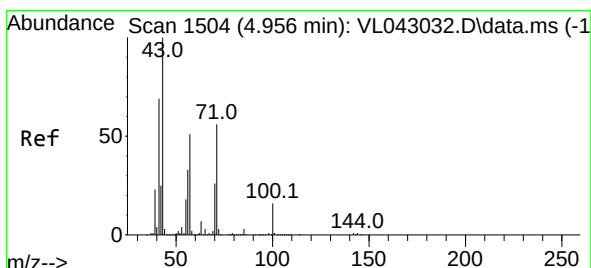
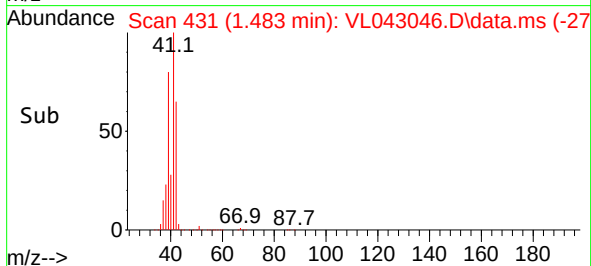
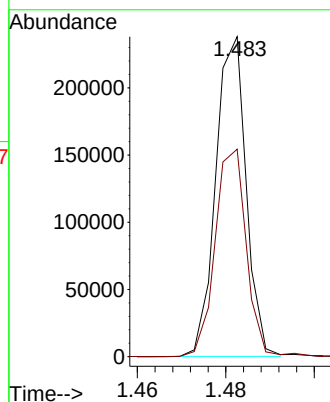
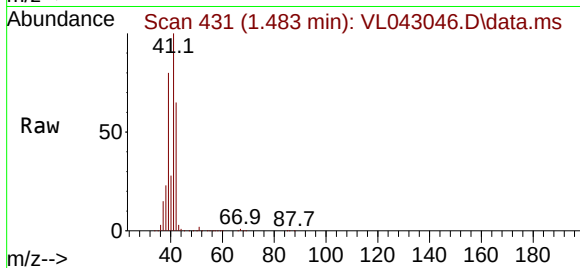
VL1006ABS01

Tgt Ion: 41 Resp: 113498

Ion Ratio Lower Upper

41 100

42 67.5 53.3 79.9



#10

Heptane

Concen: 10.521 ppbv

RT: 4.965 min Scan# 1507

Delta R.T. 0.010 min

Lab File: VL043046.D

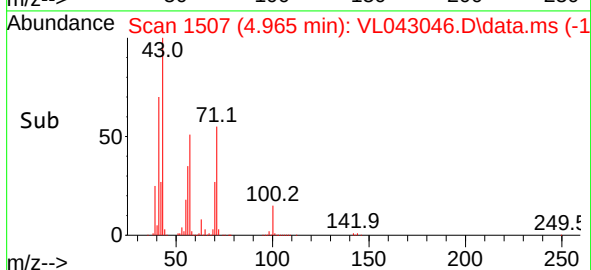
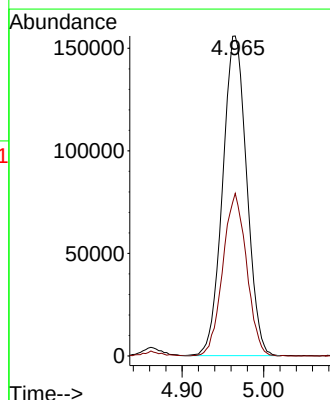
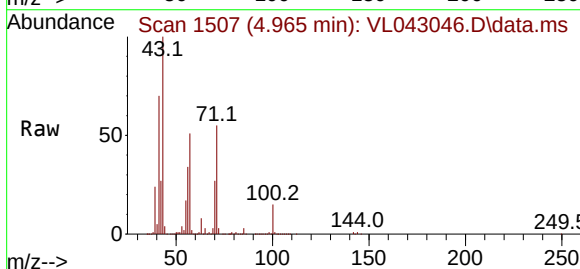
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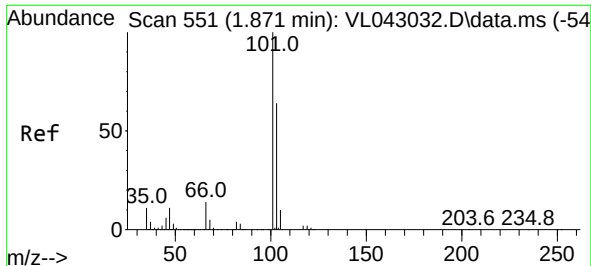
Tgt Ion: 43 Resp: 320280

Ion Ratio Lower Upper

43 100

57 50.3 40.3 60.5

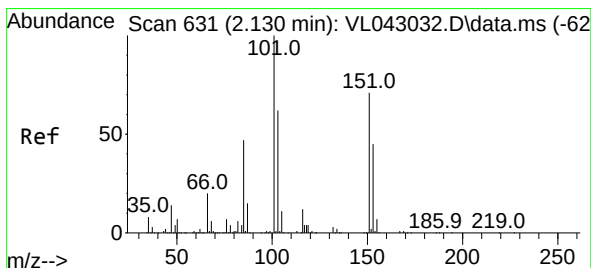
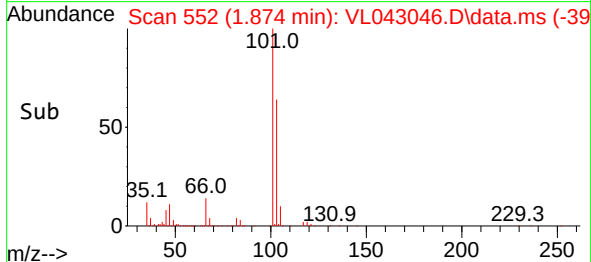
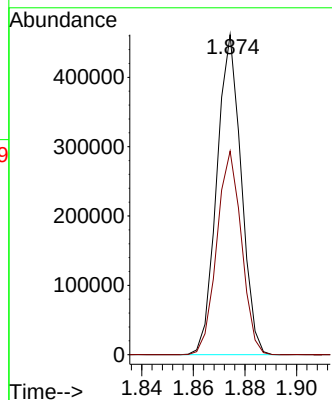
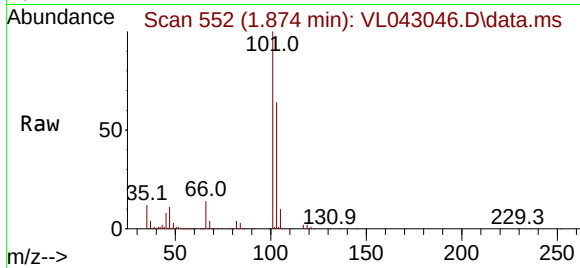




#11
Trichlorofluoromethane
Concen: 9.280 ppbv
RT: 1.874 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

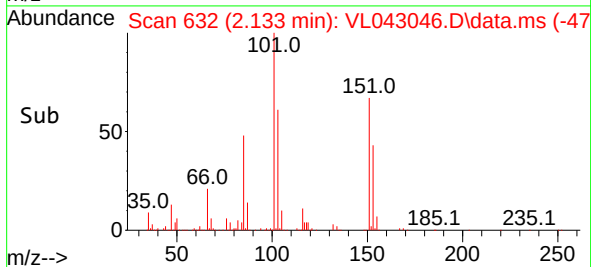
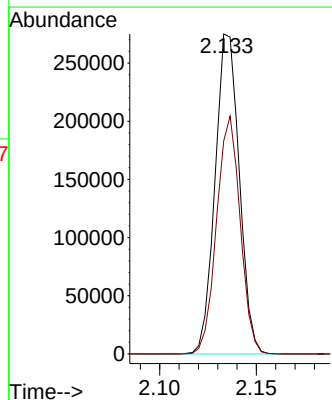
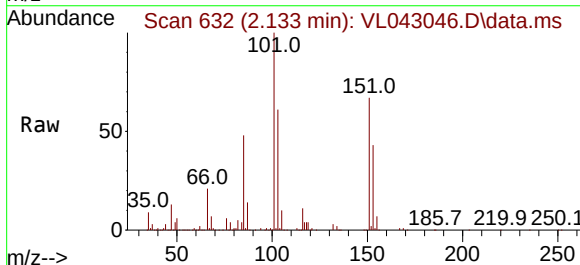
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

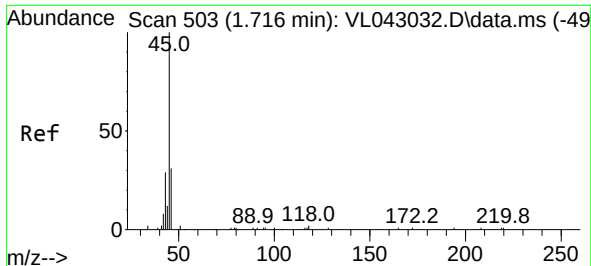
Tgt Ion:101 Resp: 302747
Ion Ratio Lower Upper
101 100
103 63.6 51.1 76.7



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.310 ppbv
RT: 2.133 min Scan# 632
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion:101 Resp: 239211
Ion Ratio Lower Upper
101 100
151 72.2 58.1 87.1

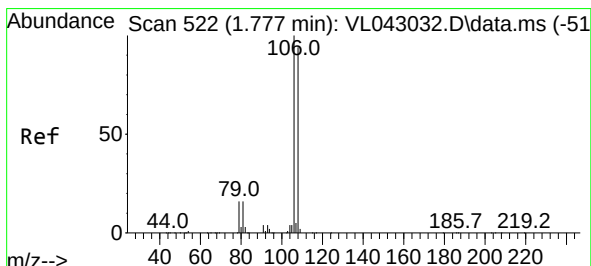
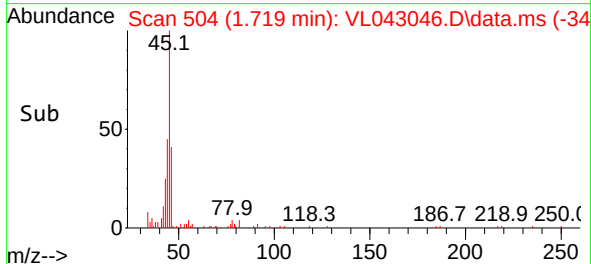
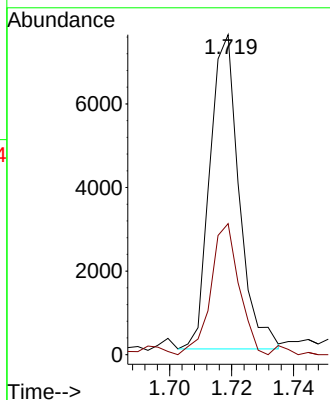
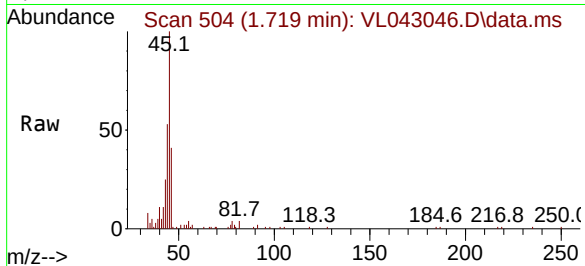




#13
Ethanol
Concen: 9.710 ppbv
RT: 1.719 min Scan# 503
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

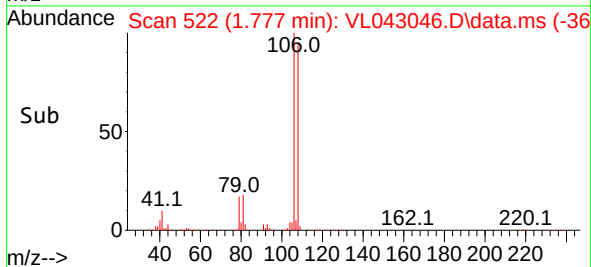
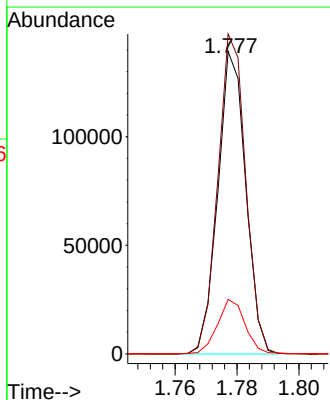
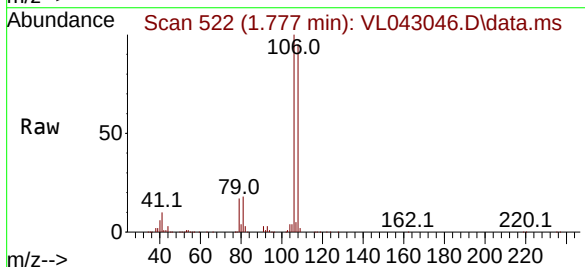
Instrument :
MSVOA_1
ClientSampleId :
VL1006ABS01

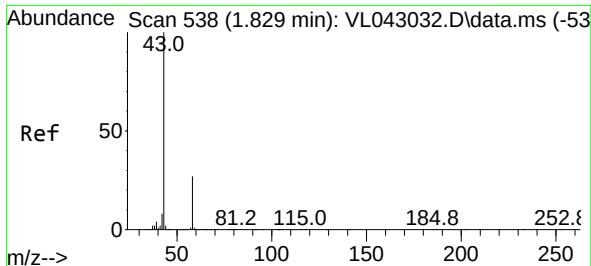
Tgt Ion: 45 Resp: 4927
Ion Ratio Lower Upper
45 100
46 44.1 17.8 71.4



#14
Bromoethene
Concen: 9.468 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.000 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 108 Resp: 87214
Ion Ratio Lower Upper
108 100
106 105.5 85.2 127.8
79 18.2 14.8 22.2

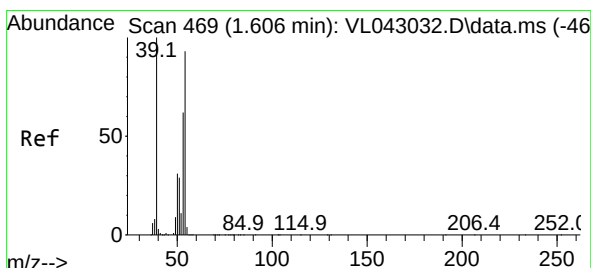
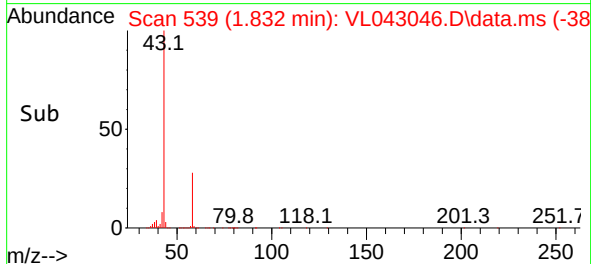
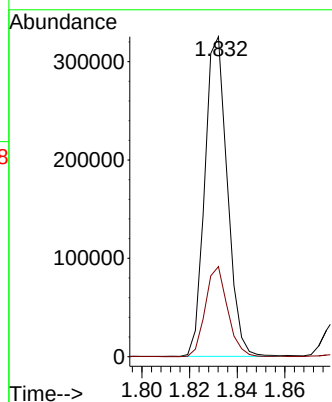
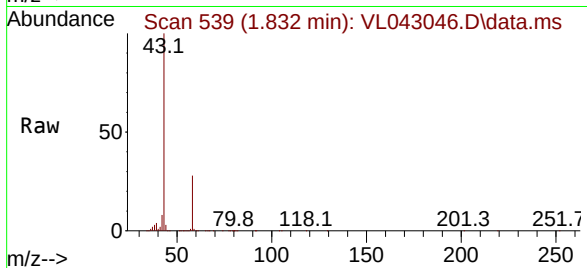




#15
Acetone
Concen: 8.097 ppbv
RT: 1.832 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

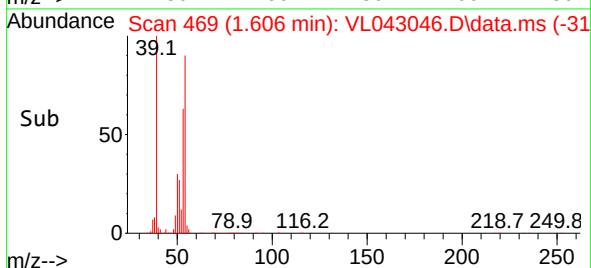
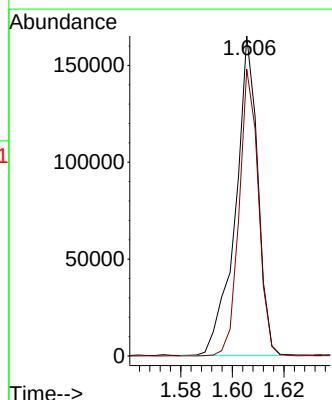
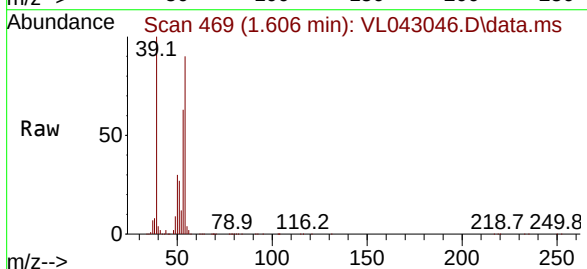
Instrument :
MSVOA_1
ClientSampleId :
VL1006ABS01

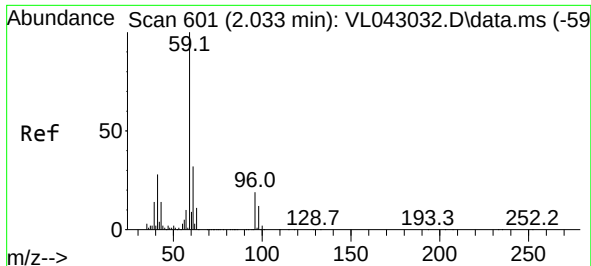
Tgt Ion: 43 Resp: 213544
Ion Ratio Lower Upper
43 100
58 28.1 22.2 33.4



#16
1,3-Butadiene
Concen: 9.126 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 39 Resp: 99231
Ion Ratio Lower Upper
39 100
54 77.2 61.4 92.2

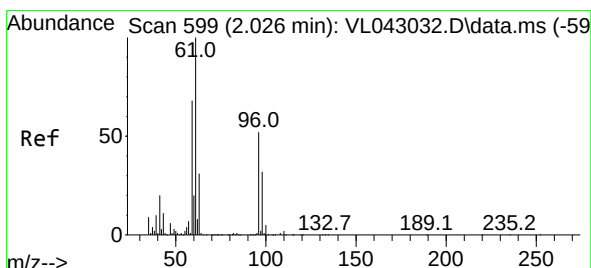
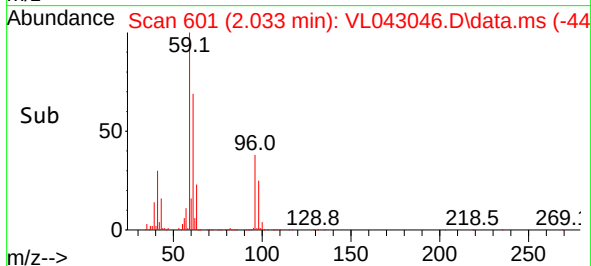
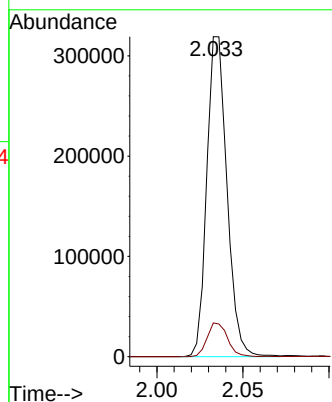
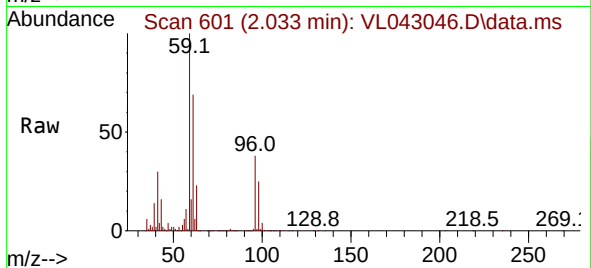




#17
tert-Butyl alcohol
Concen: 9.330 ppbv
RT: 2.033 min Scan# 601
Delta R.T. -0.000 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

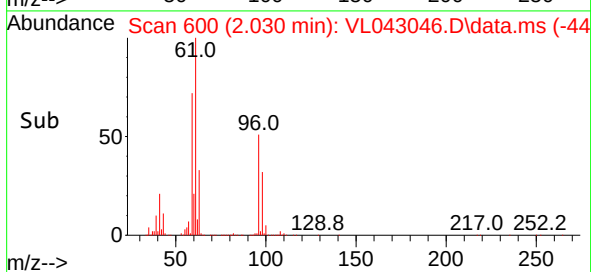
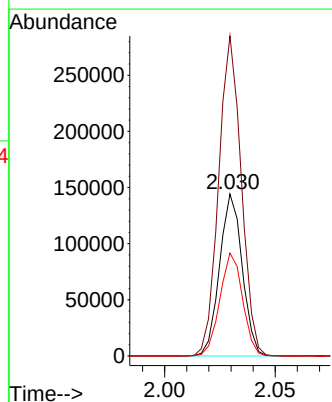
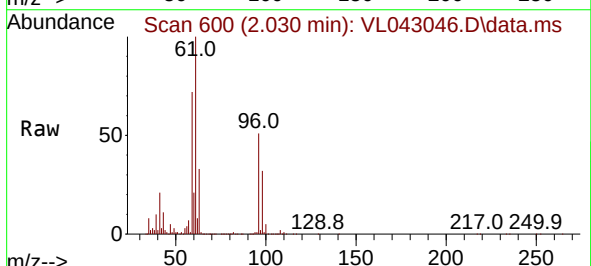
Instrument :
MSVOA_1
ClientSampleId :
VL1006ABS01

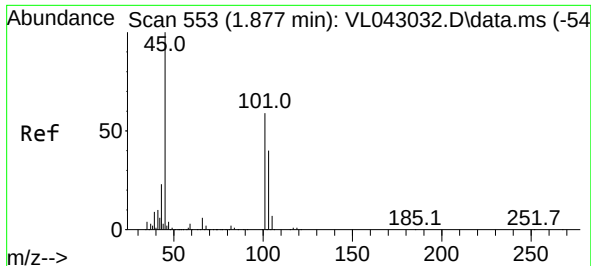
Tgt Ion: 59 Resp: 260280
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7



#18
1,1-Dichloroethene
Concen: 9.120 ppbv
RT: 2.030 min Scan# 600
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 96 Resp: 102725
Ion Ratio Lower Upper
96 100
61 197.6 153.0 229.6
98 63.6 48.8 73.2

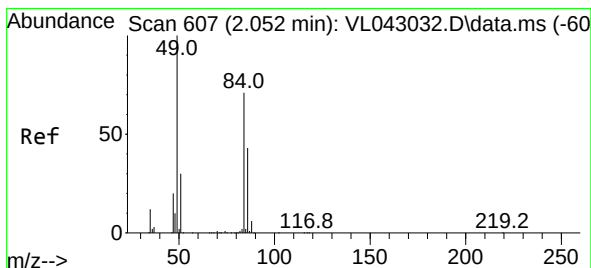
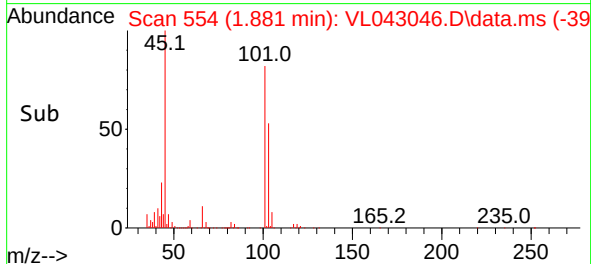
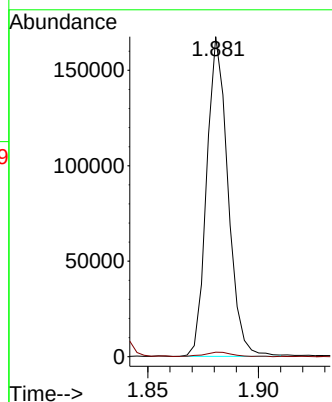
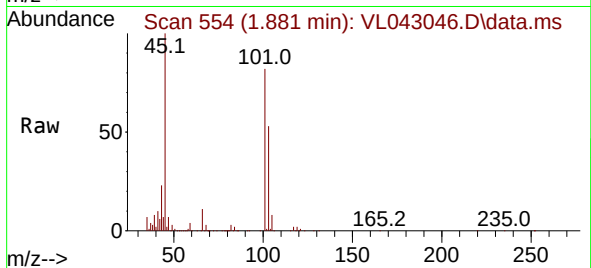




#19
Isopropyl Alcohol
Concen: 8.858 ppbv
RT: 1.881 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

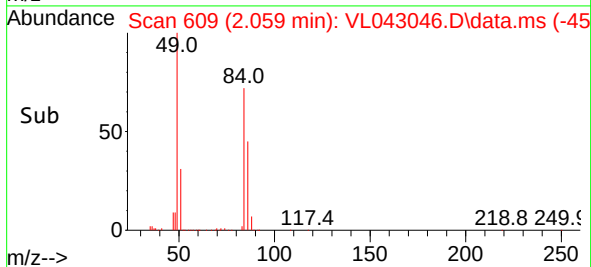
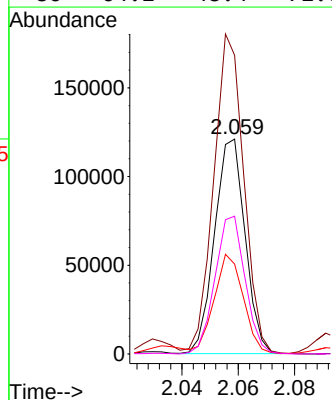
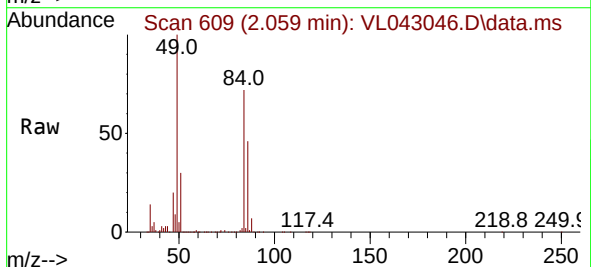
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

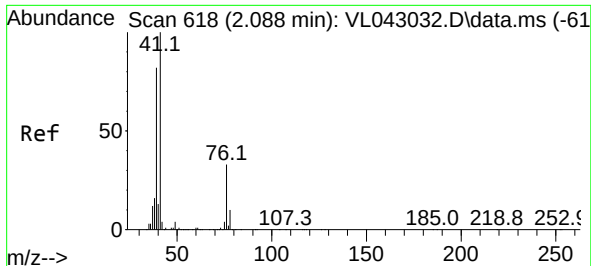
Tgt Ion: 45 Resp: 111933
Ion Ratio Lower Upper
45 100
58 53.7 42.3 63.5



#20
Methylene Chloride
Concen: 7.899 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 84 Resp: 90931
Ion Ratio Lower Upper
84 100
49 138.7 112.5 168.7
51 41.7 34.2 51.2
86 64.2 48.4 72.6

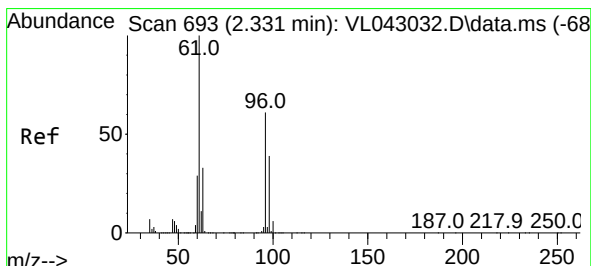
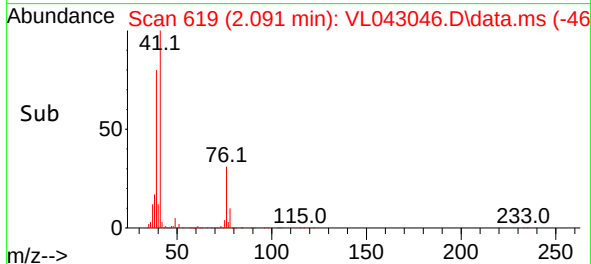
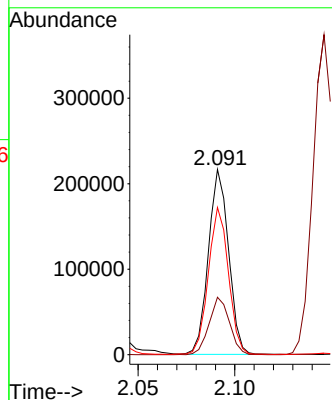
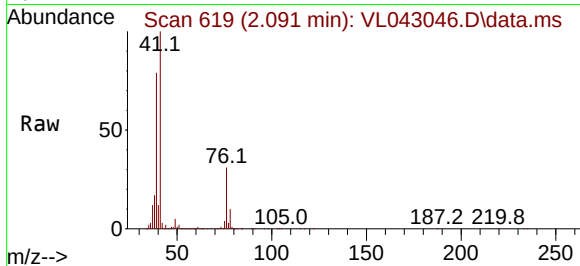




#21
 Allyl Chloride
 Concen: 9.299 ppbv
 RT: 2.091 min Scan# 618
 Delta R.T. 0.003 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

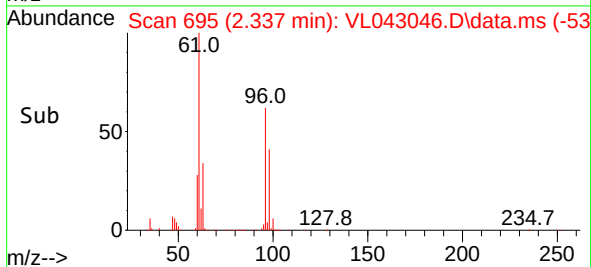
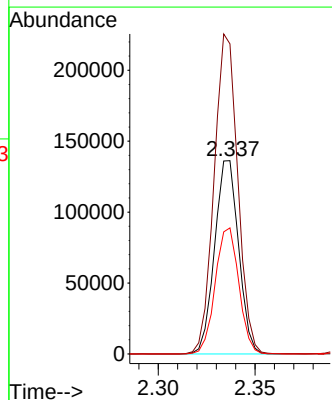
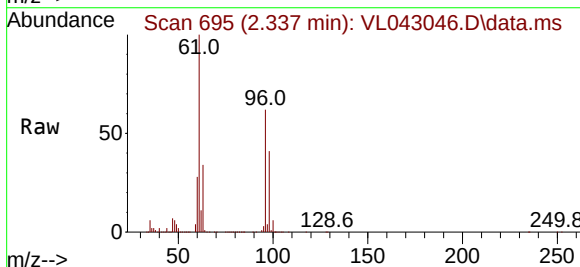
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1006ABS01

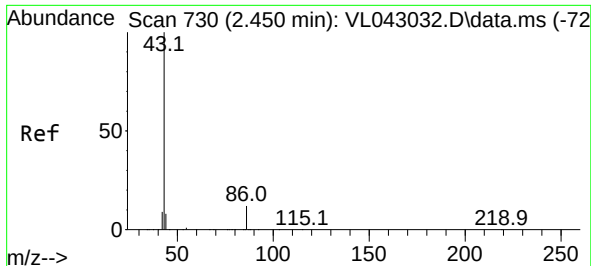
Tgt Ion: 41 Resp: 157109
 Ion Ratio Lower Upper
 41 100
 76 31.2 25.9 38.9
 39 78.7 63.0 94.4



#22
 trans-1,2-Dichloroethene
 Concen: 9.162 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

Tgt Ion: 96 Resp: 117166
 Ion Ratio Lower Upper
 96 100
 61 160.4 131.9 197.9
 98 65.2 52.1 78.1

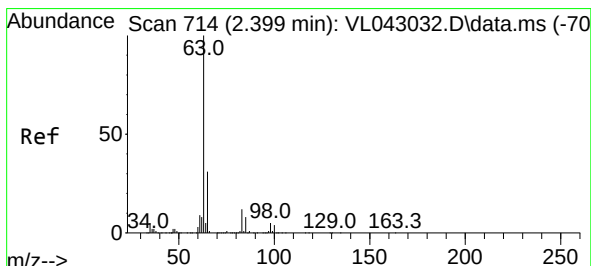
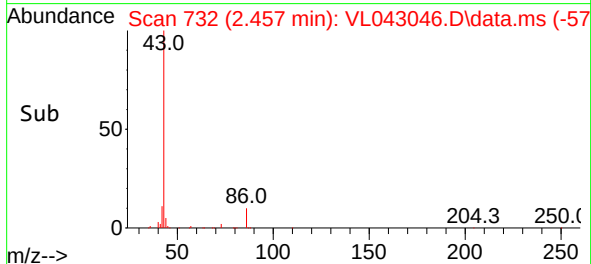
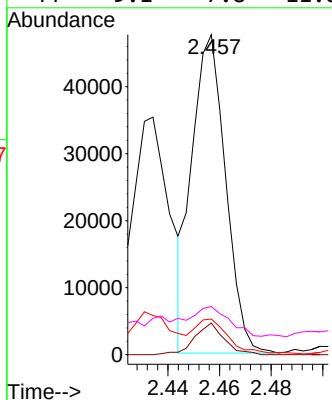
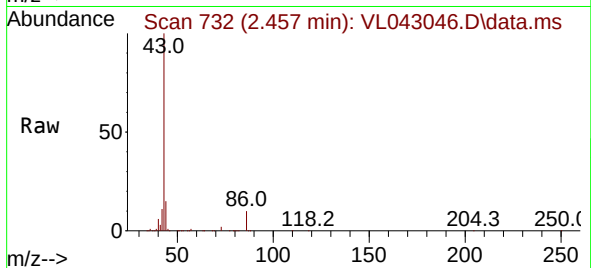




#23
 Vinyl Acetate
 Concen: 7.678 ppbv
 RT: 2.457 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

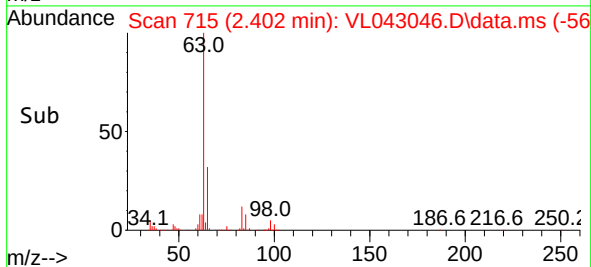
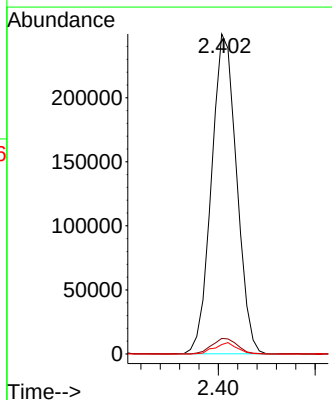
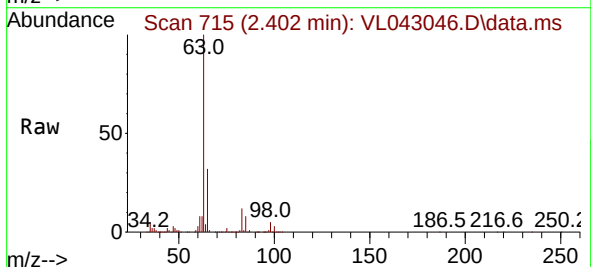
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1006ABS01

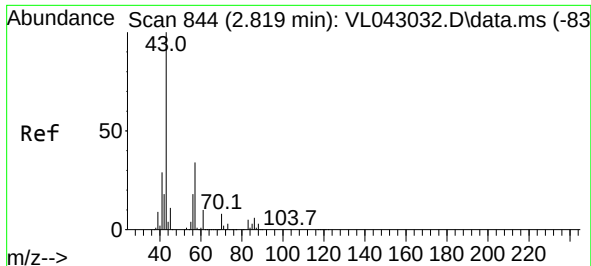
Tgt Ion:	43	Resp:	42991
Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.5	11.3
42	10.5	8.4	12.6
44	9.1	7.8	11.8



#24
 1,1-Dichloroethane
 Concen: 9.289 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. 0.003 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

Tgt Ion:	63	Resp:	225170
Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.5	7.4
100	3.0	1.8	5.4



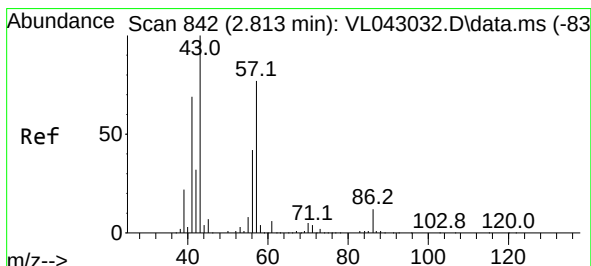
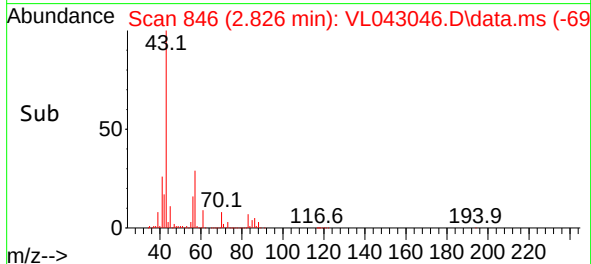
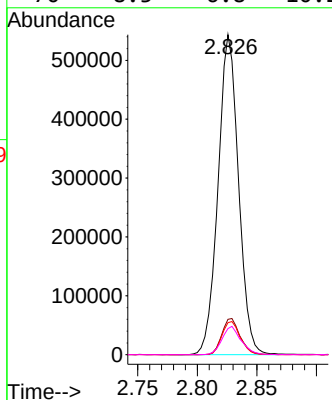
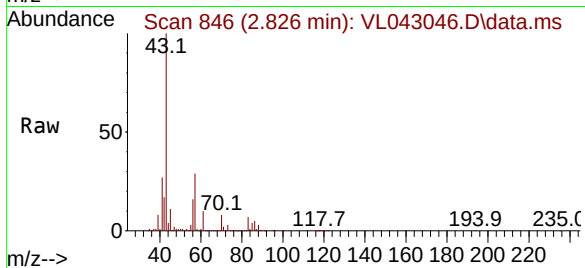


#25
Ethyl Acetate
Concen: 9.789 ppbv
RT: 2.826 min Scan# 844
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Instrument :
MSVOA_1
ClientSampleId :
VL1006ABS01

Tgt Ion: 43 Resp: 647632

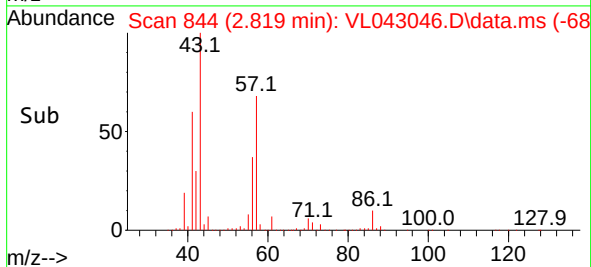
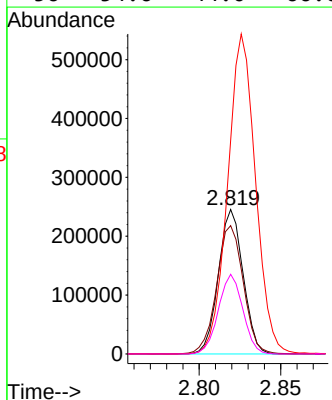
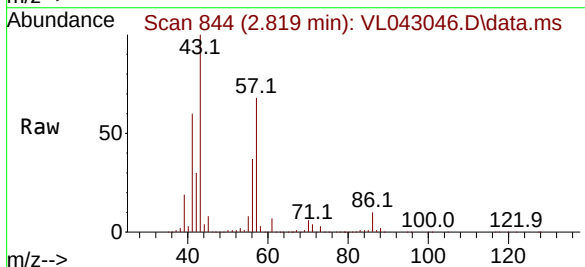
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.3	12.5
61	9.3	7.5	11.3
70	8.3	6.8	10.2

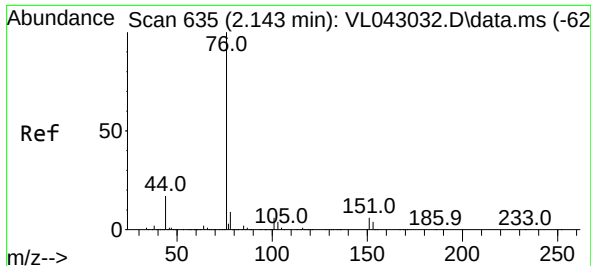


#26
Hexane
Concen: 10.147 ppbv
RT: 2.819 min Scan# 844
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 57 Resp: 258251

Ion	Ratio	Lower	Upper
57	100		
41	95.9	76.1	114.1
43	251.6	201.4	302.0
56	54.6	44.0	66.0

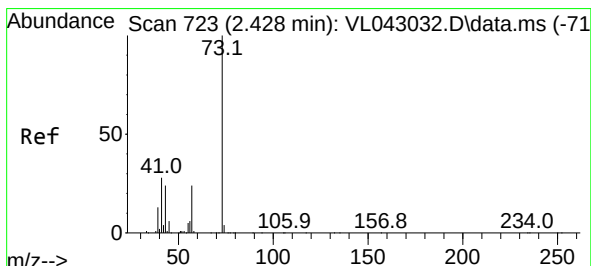
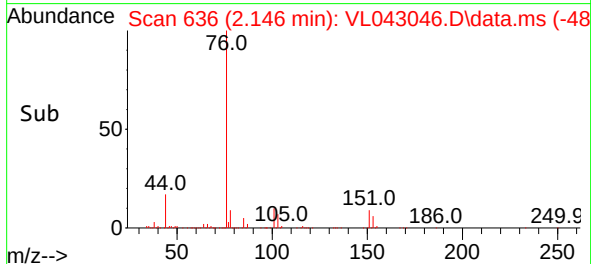
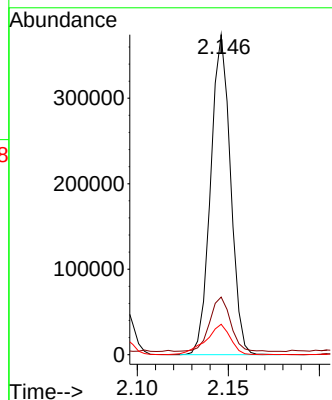
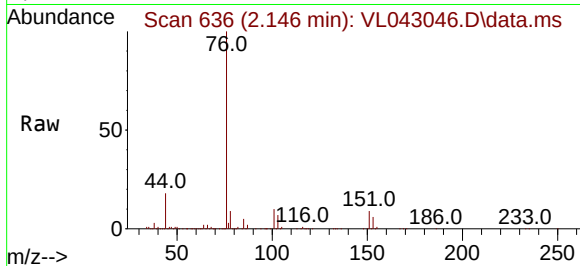




#27
Carbon Disulfide
Concen: 9.434 ppbv
RT: 2.146 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

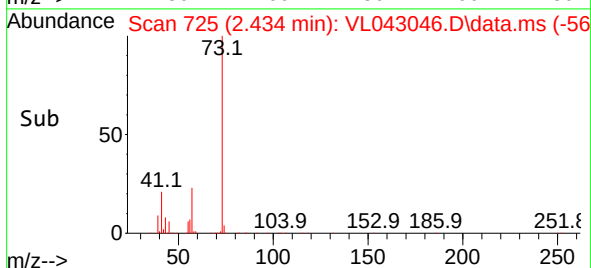
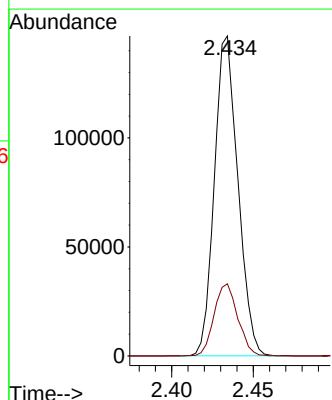
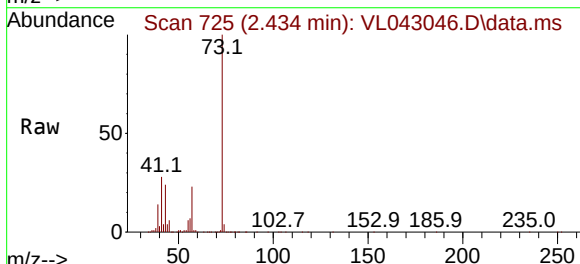
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

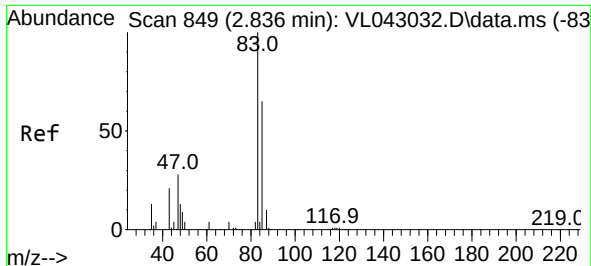
Tgt Ion: 76 Resp: 283466
Ion Ratio Lower Upper
76 100
44 18.0 14.0 21.0
78 11.6 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 9.230 ppbv
RT: 2.434 min Scan# 725
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 73 Resp: 147013
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.8





#29

Chloroform

Concen: 9.266 ppbv

RT: 2.842 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

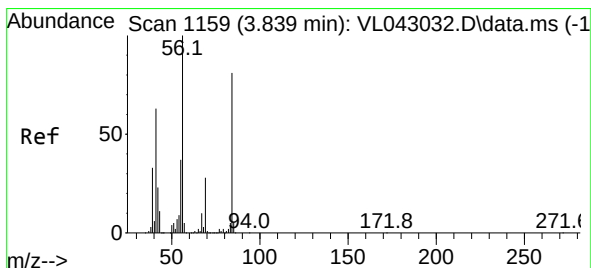
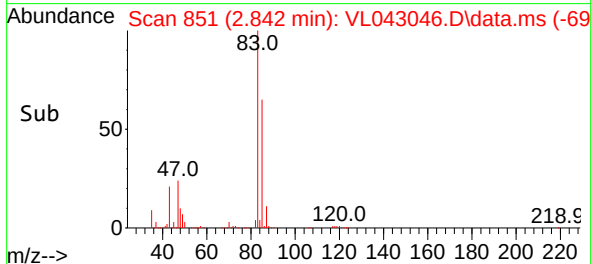
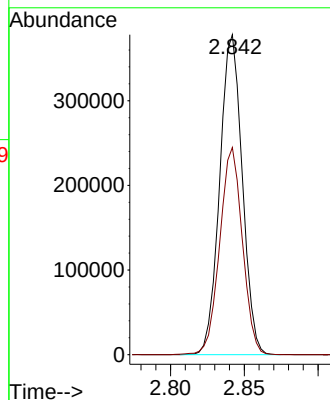
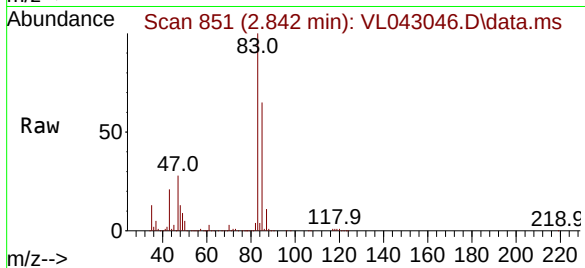
VL1006ABS01

Tgt Ion: 83 Resp: 402053

Ion Ratio Lower Upper

83 100

85 64.7 52.0 78.0



#30

Cyclohexane

Concen: 10.230 ppbv

RT: 3.845 min Scan# 1161

Delta R.T. 0.006 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

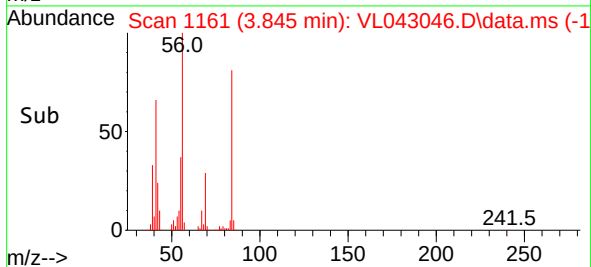
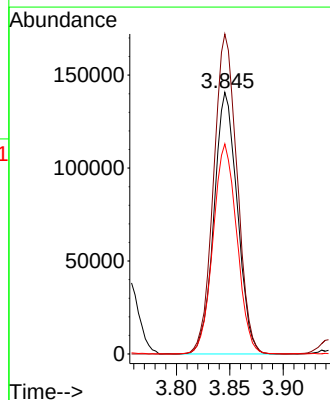
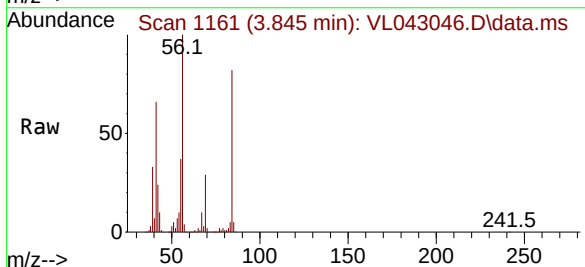
Tgt Ion: 84 Resp: 213947

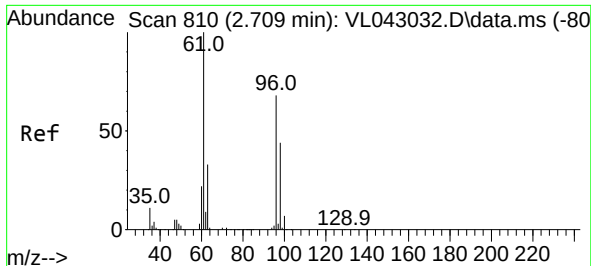
Ion Ratio Lower Upper

84 100

56 123.1 99.9 149.9

41 82.2 64.2 96.4

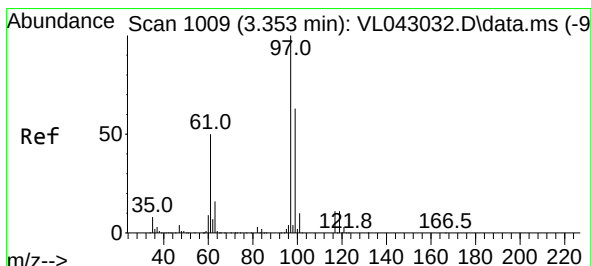
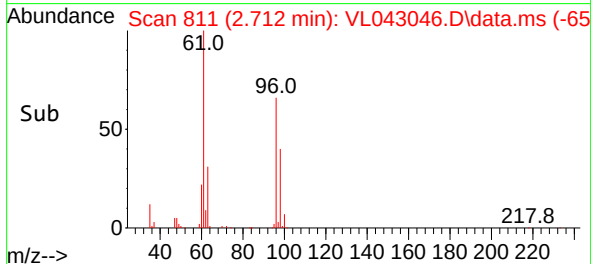
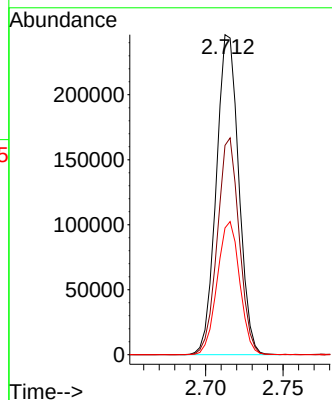
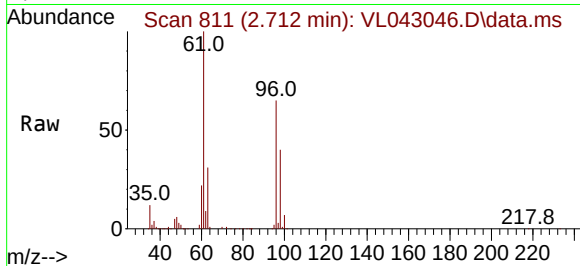




#31
 cis-1,2-Dichloroethene
 Concen: 9.477 ppbv
 RT: 2.712 min Scan# 811
 Delta R.T. 0.003 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

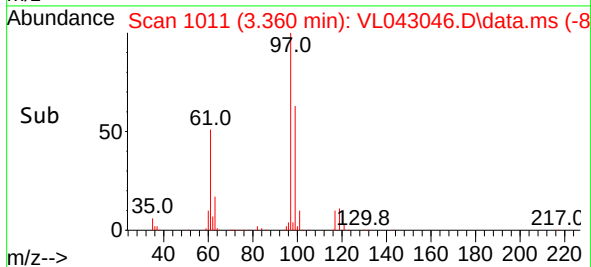
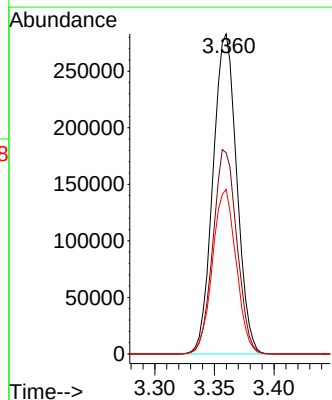
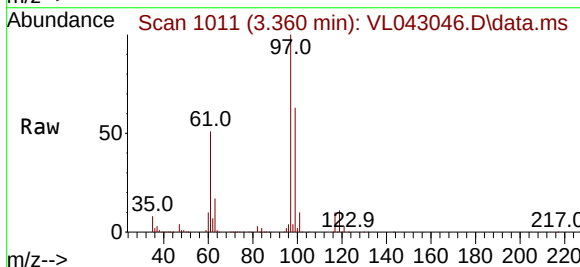
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1006ABS01

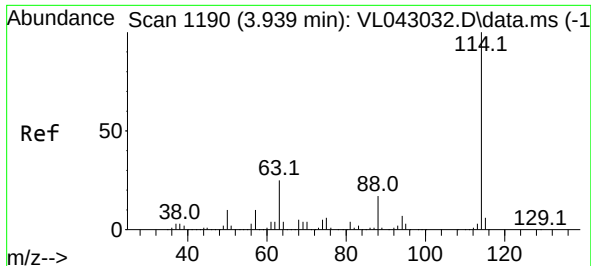
Tgt Ion: 61 Resp: 247932
 Ion Ratio Lower Upper
 61 100
 96 65.4 54.6 82.0
 98 39.6 34.8 52.2



#32
 1,1,1-Trichloroethane
 Concen: 9.309 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. 0.006 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

Tgt Ion: 97 Resp: 392565
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.2 76.8
 61 51.3 40.1 60.1

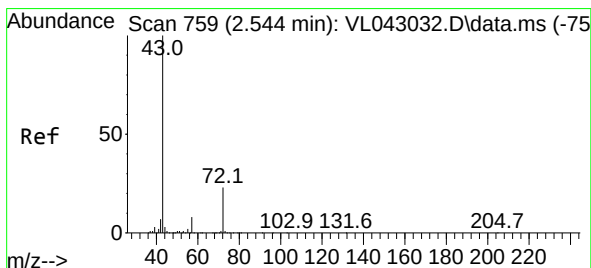
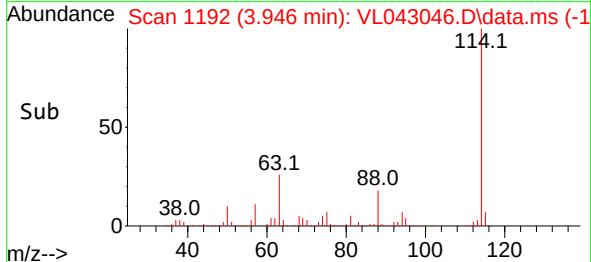
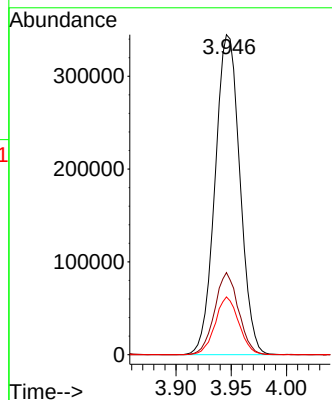
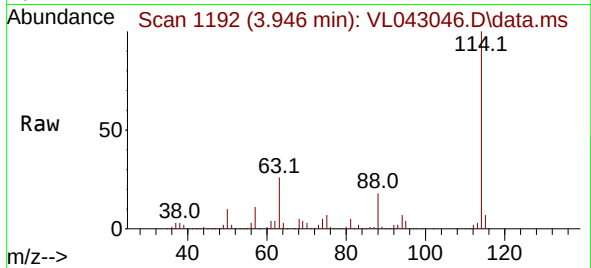




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.946 min Scan# 1190
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

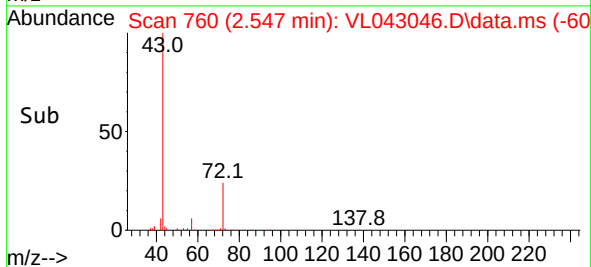
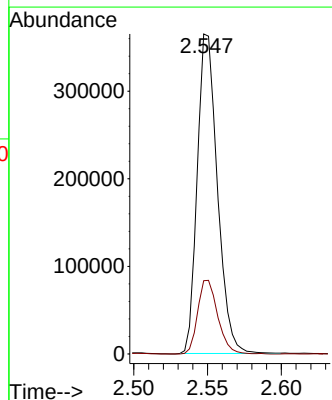
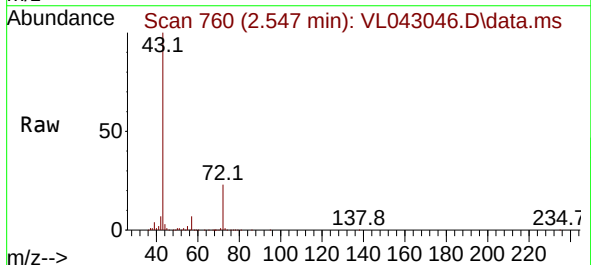
Instrument :
MSVOA_1
ClientSampleId :
VL1006ABS01

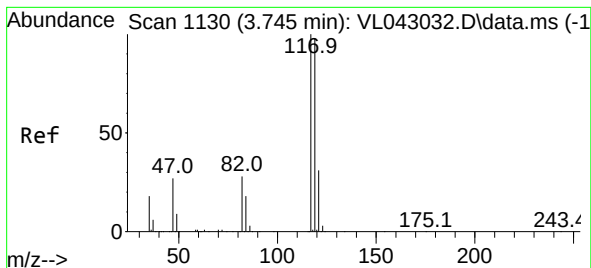
Tgt Ion:114 Resp: 537601
Ion Ratio Lower Upper
114 100
63 24.7 19.4 29.2
88 17.2 13.9 20.9



#34
2-Butanone
Concen: 9.530 ppbv
RT: 2.547 min Scan# 760
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 43 Resp: 347648
Ion Ratio Lower Upper
43 100
72 23.0 18.4 27.6





#35

Carbon Tetrachloride

Concen: 9.377 ppbv

RT: 3.751 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_1

ClientSampleId :

VL1006ABS01

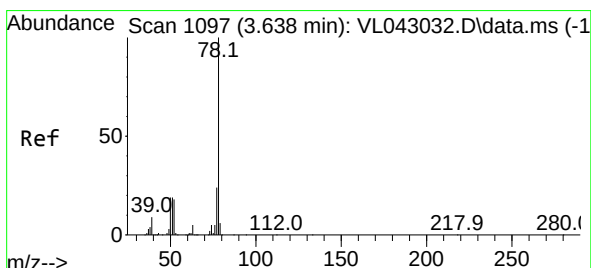
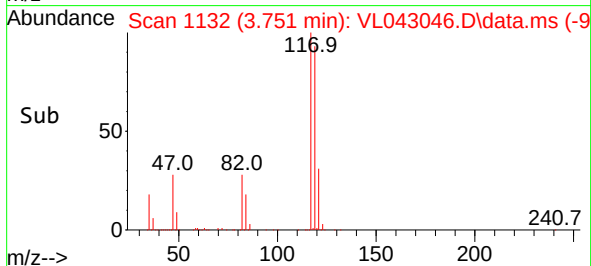
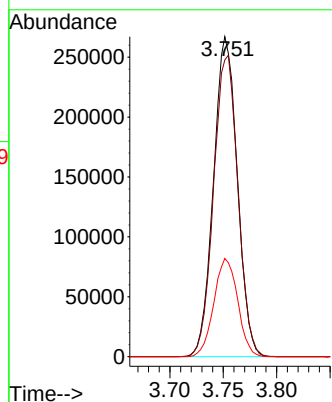
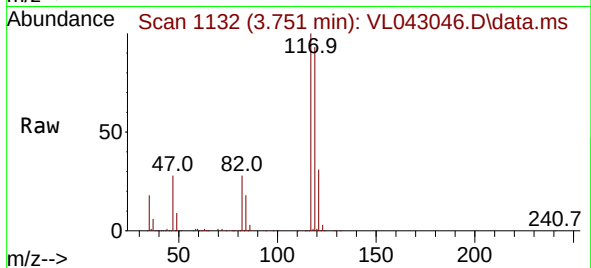
Tgt Ion:117 Resp: 414732

Ion Ratio Lower Upper

117 100

119 92.7 78.2 117.4

121 30.7 24.8 37.2



#36

Benzene

Concen: 9.997 ppbv

RT: 3.648 min Scan# 1100

Delta R.T. 0.010 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

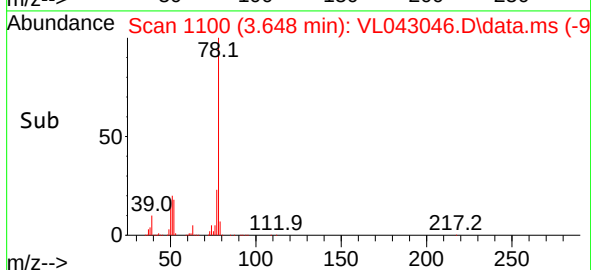
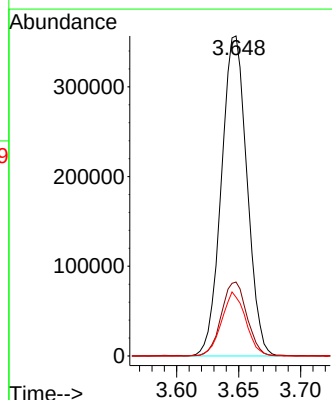
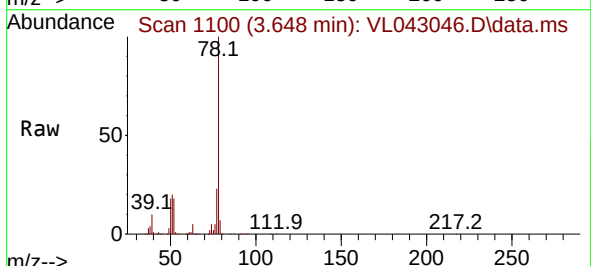
Tgt Ion: 78 Resp: 513451

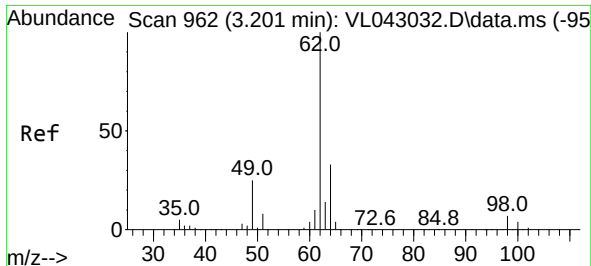
Ion Ratio Lower Upper

78 100

77 23.0 19.2 28.8

50 18.3 14.9 22.3

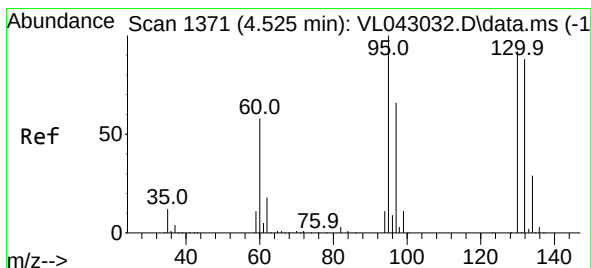
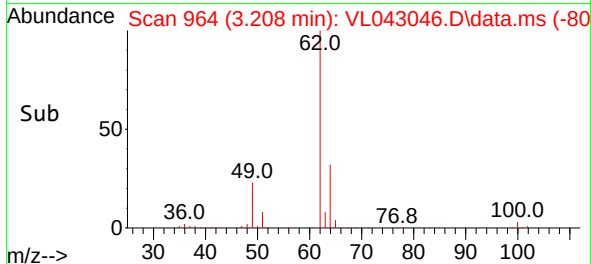
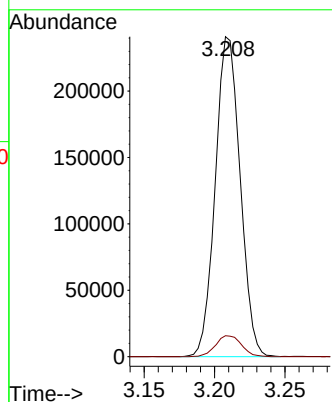
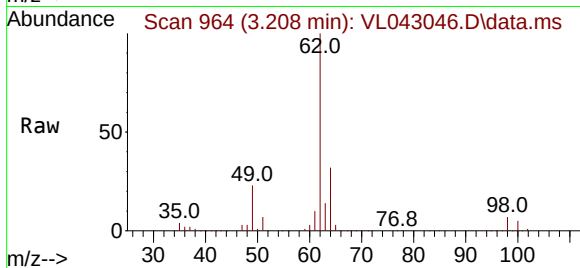




#37
1,2-Dichloroethane
Concen: 9.738 ppbv
RT: 3.208 min Scan# 9
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

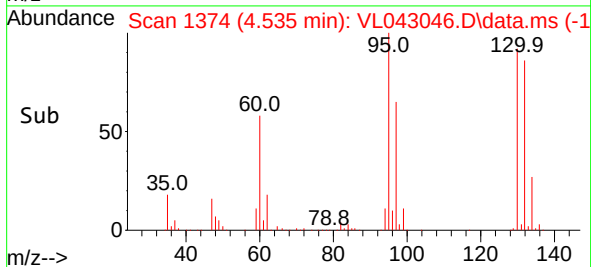
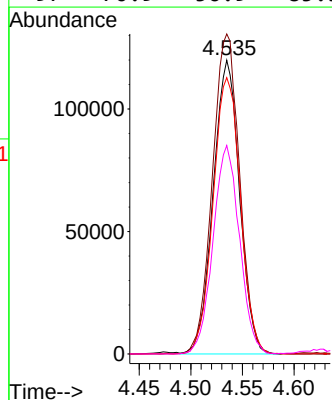
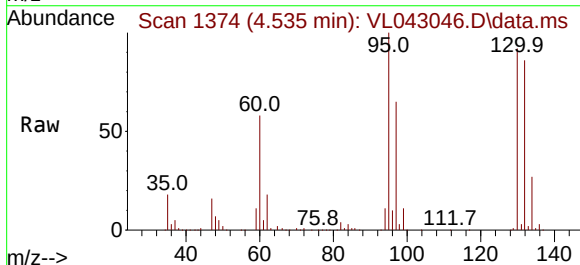
Instrument :
MSVOA_1
ClientSampleId :
VL1006ABS01

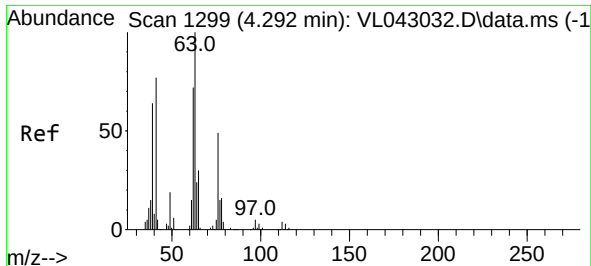
Tgt Ion: 62 Resp: 296234
Ion Ratio Lower Upper
62 100
98 6.9 5.6 8.4



#38
Trichloroethene
Concen: 9.979 ppbv
RT: 4.535 min Scan# 1374
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion:130 Resp: 213507
Ion Ratio Lower Upper
130 100
95 108.9 86.4 129.6
132 94.0 75.7 113.5
97 70.9 56.9 85.3





#39

1,2-Dichloropropane

Concen: 9.734 ppbv

RT: 4.302 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL1006ABS01

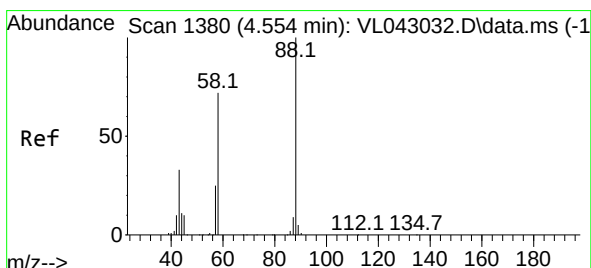
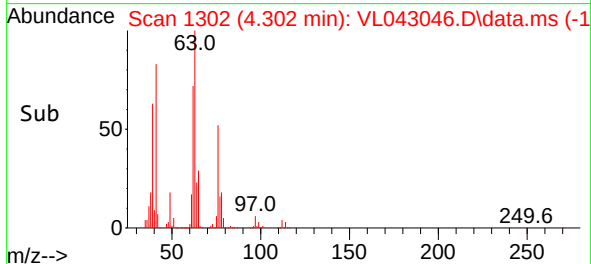
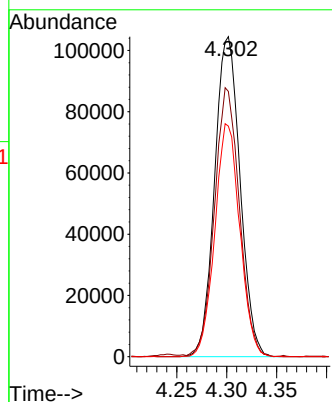
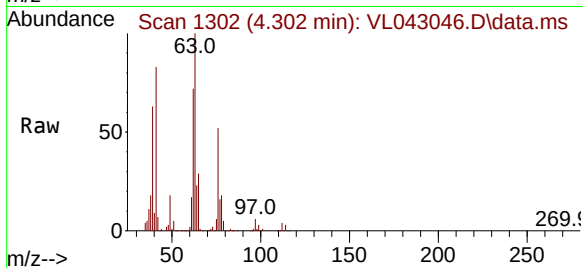
Tgt Ion: 63 Resp: 185321

Ion Ratio Lower Upper

63 100

41 82.8 61.6 92.4

62 72.0 58.1 87.1



#40

1,4-Dioxane

Concen: 9.816 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. 0.010 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Tgt Ion: 88 Resp: 80157

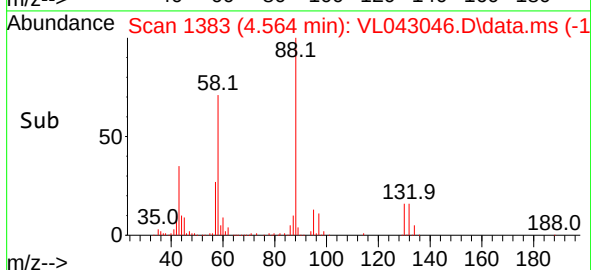
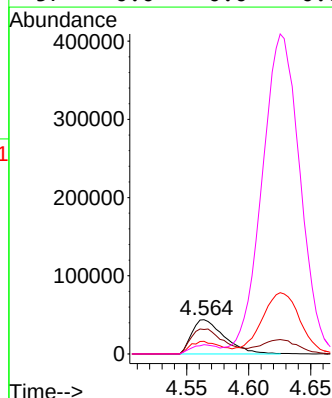
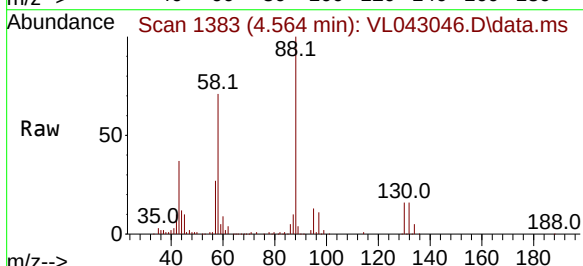
Ion Ratio Lower Upper

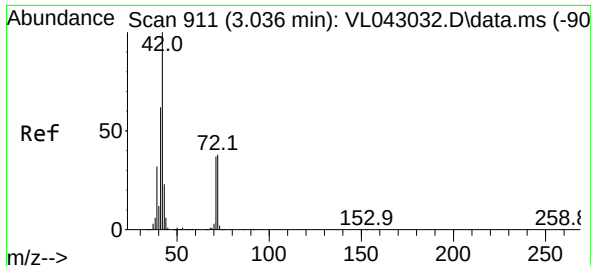
88 100

58 73.4 56.2 84.2

43 34.4 25.7 38.5

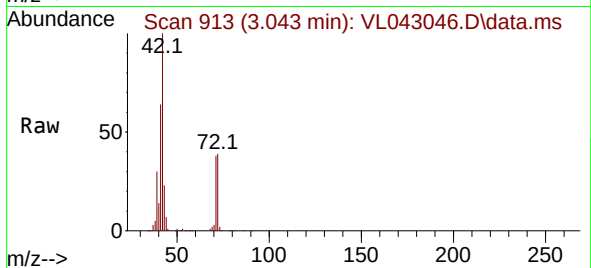
57 0.0 0.0 0.0



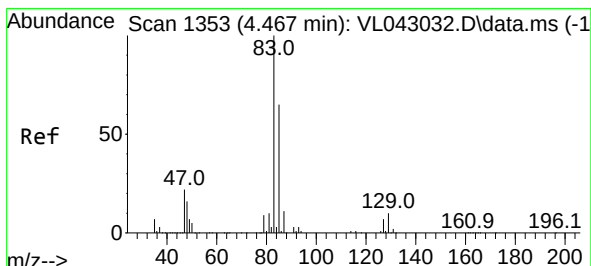
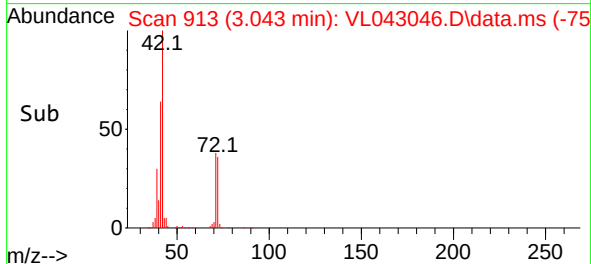
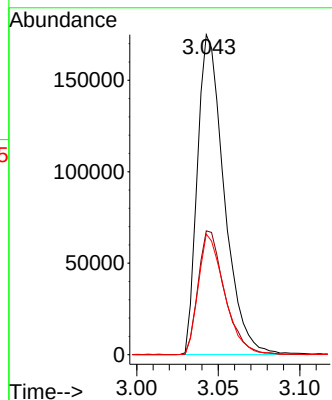


#41
Tetrahydrofuran
Concen: 10.573 ppbv
RT: 3.043 min Scan# 911
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

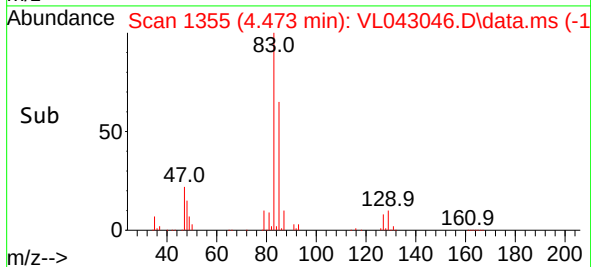
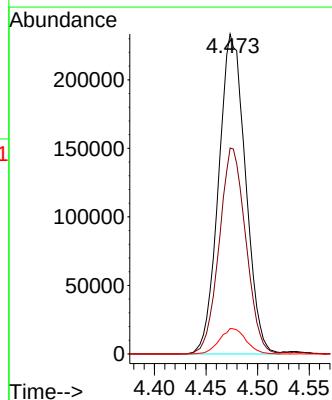
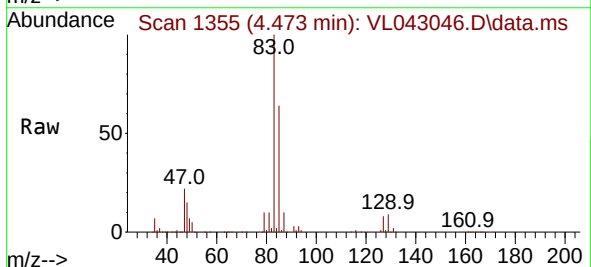


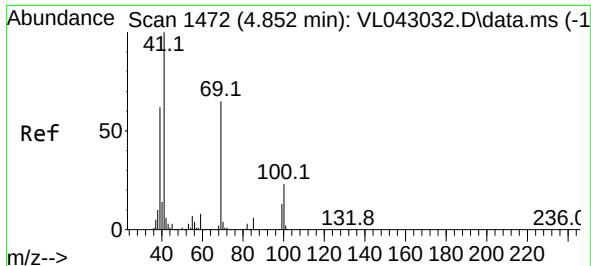
Tgt Ion: 42 Resp: 199341
Ion Ratio Lower Upper
42 100
72 38.7 31.0 46.6
71 37.1 29.8 44.6



#42
Bromodichloromethane
Concen: 9.826 ppbv
RT: 4.473 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 83 Resp: 422079
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.8
127 7.9 5.9 8.9

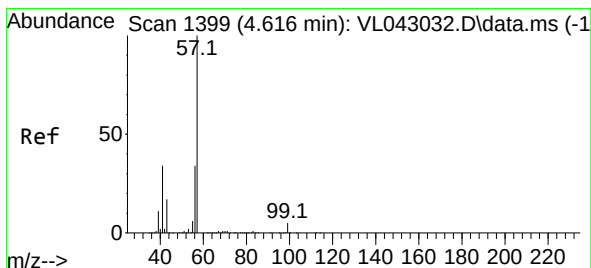
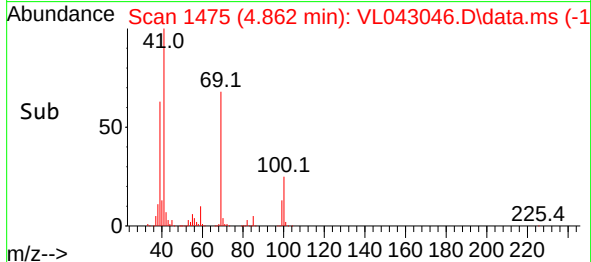
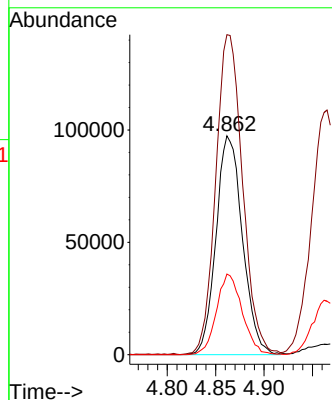
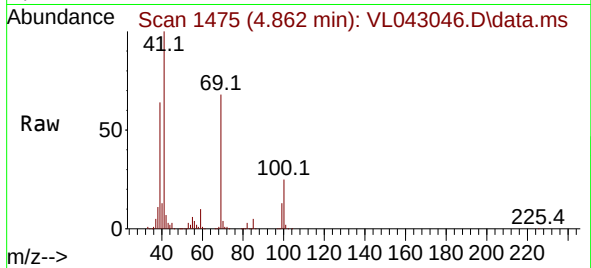




#43
Methyl Methacrylate
Concen: 10.853 ppbv
RT: 4.862 min Scan# 1475
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

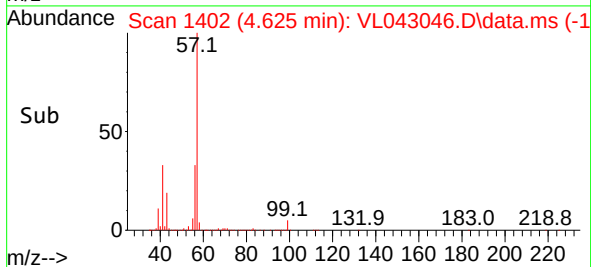
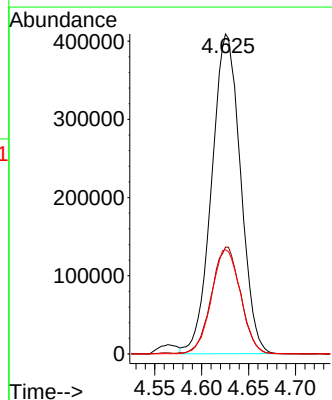
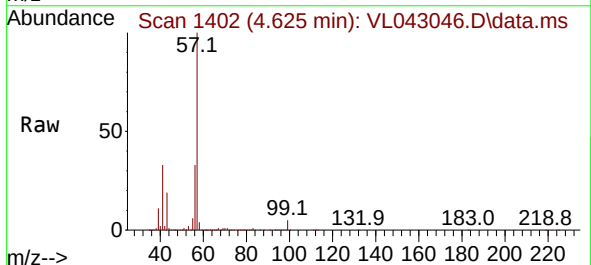
Instrument :
MSVOA_1
ClientSampleId :
VL1006ABS01

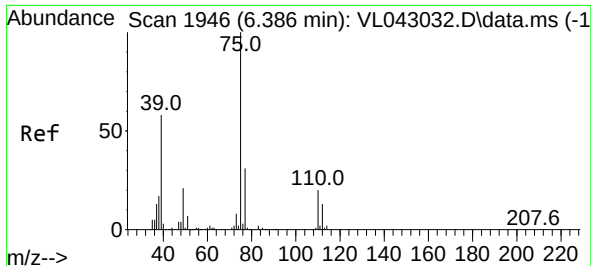
Tgt Ion: 69 Resp: 185044
Ion Ratio Lower Upper
69 100
41 148.3 118.0 177.0
100 35.9 28.3 42.5



#44
2,2,4-Trimethylpentane
Concen: 10.577 ppbv
RT: 4.625 min Scan# 1402
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 57 Resp: 871720
Ion Ratio Lower Upper
57 100
41 34.0 27.0 40.4
56 33.1 26.0 39.0

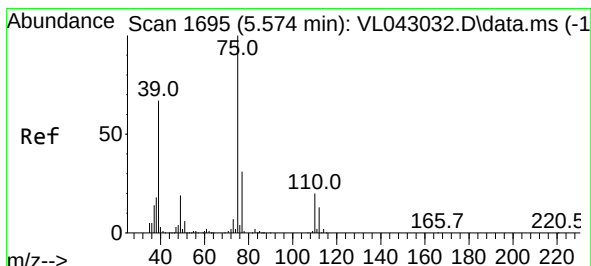
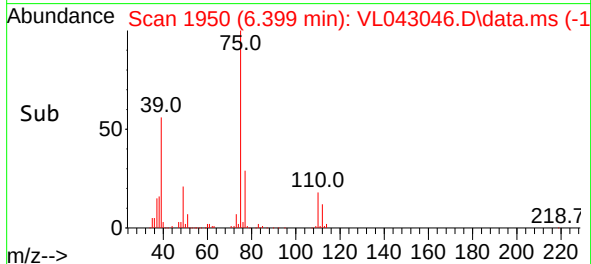
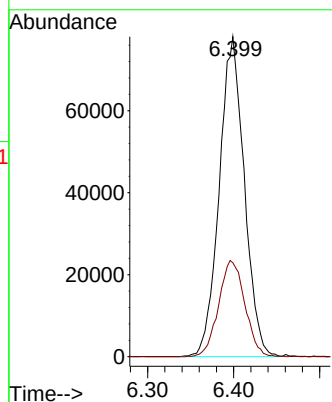
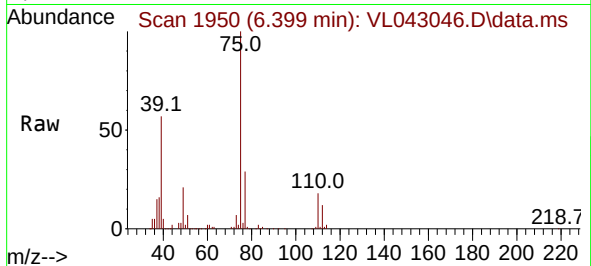




#45
 t-1,3-Dichloropropene
 Concen: 10.104 ppbv
 RT: 6.399 min Scan# 1946
 Delta R.T. 0.013 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

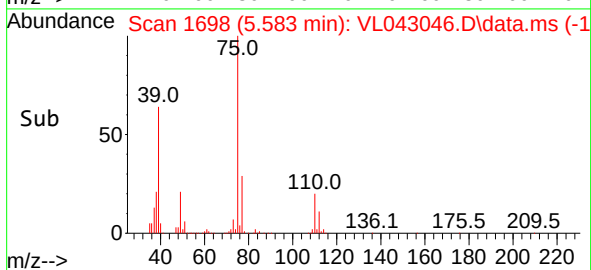
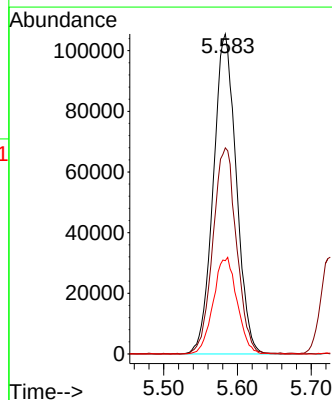
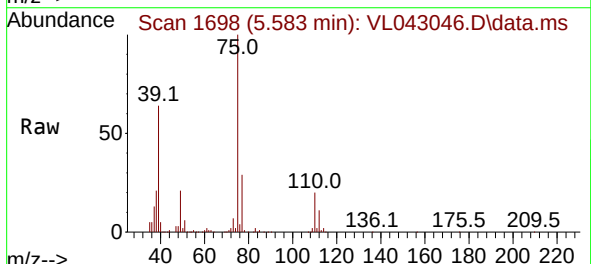
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1006ABS01

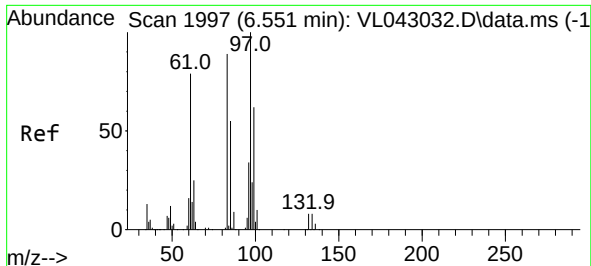
Tgt Ion: 75 Resp: 157655
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.7 37.1



#46
 cis-1,3-Dichloropropene
 Concen: 10.375 ppbv
 RT: 5.583 min Scan# 1698
 Delta R.T. 0.010 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

Tgt Ion: 75 Resp: 228082
 Ion Ratio Lower Upper
 75 100
 39 64.4 53.4 80.0
 77 29.1 25.0 37.4

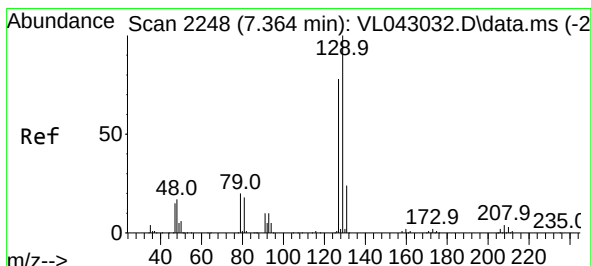
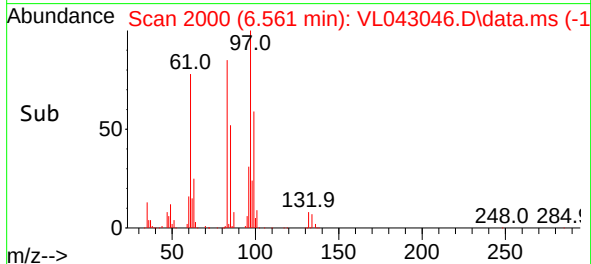
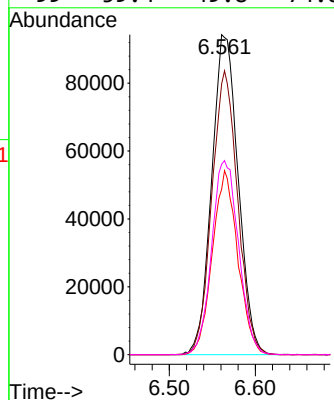
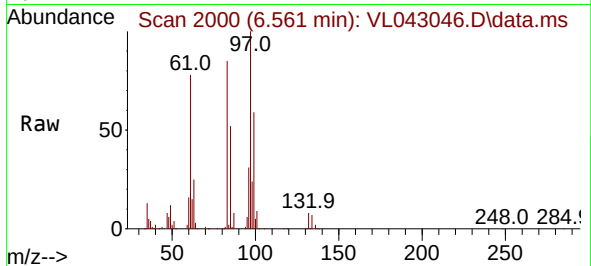




#47
1,1,2-Trichloroethane
Concen: 9.530 ppbv
RT: 6.561 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

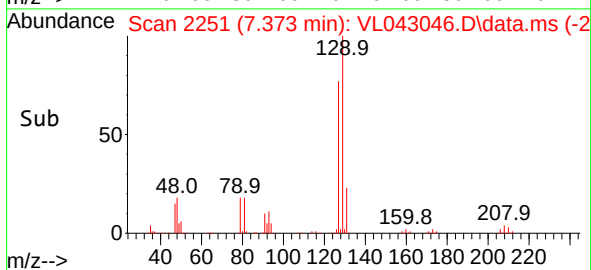
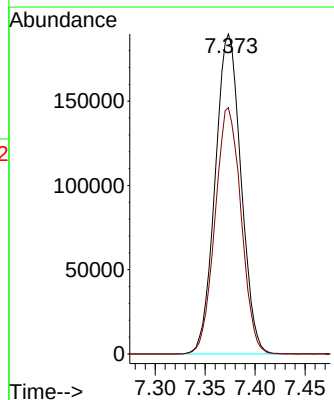
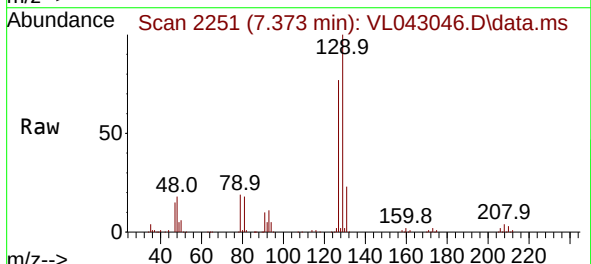
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

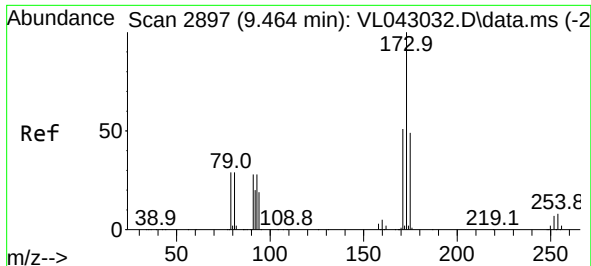
Tgt Ion:	97	Resp:	201822
Ion	Ratio	Lower	Upper
97	100		
83	84.6	71.1	106.7
85	51.7	44.3	66.5
99	59.4	49.8	74.8



#48
Dibromochloromethane
Concen: 9.879 ppbv
RT: 7.373 min Scan# 2251
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion:	129	Resp:	341429
Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.6	116.0

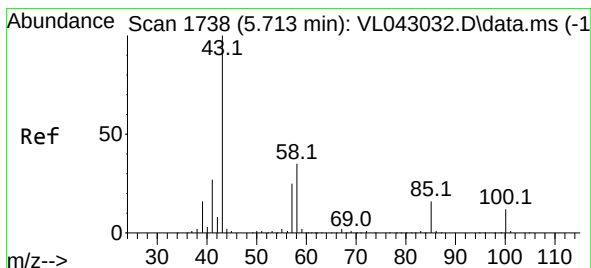
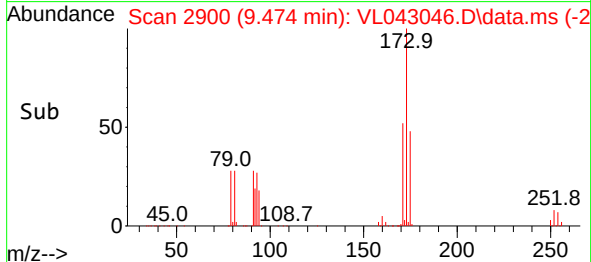
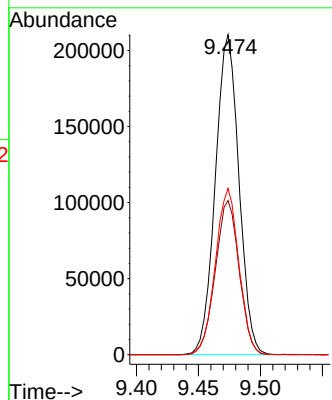
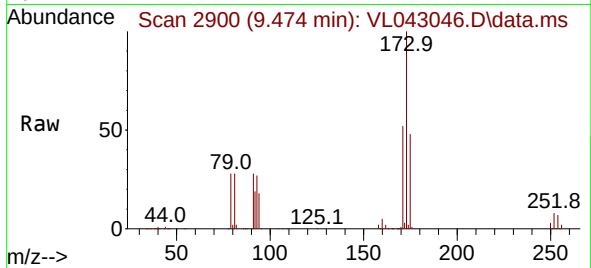




#49
Bromoform
Concen: 9.669 ppbv
RT: 9.474 min Scan# 2900
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

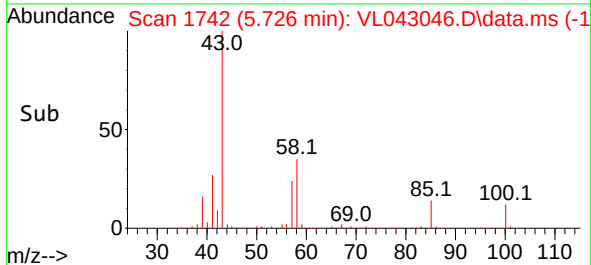
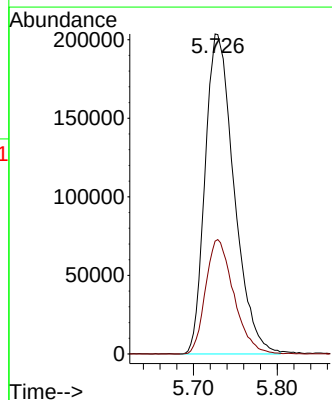
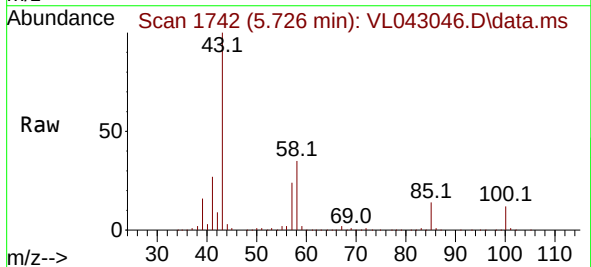
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

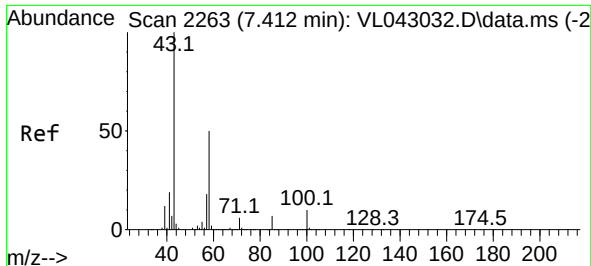
Tgt Ion:173 Resp: 279106
Ion Ratio Lower Upper
173 100
175 48.7 39.1 58.7
171 51.8 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 11.000 ppbv
RT: 5.726 min Scan# 1742
Delta R.T. 0.013 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 43 Resp: 489303
Ion Ratio Lower Upper
43 100
58 34.8 28.7 43.1

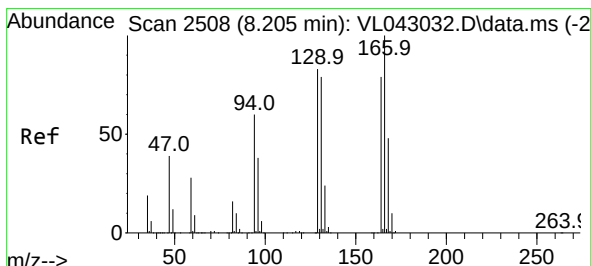
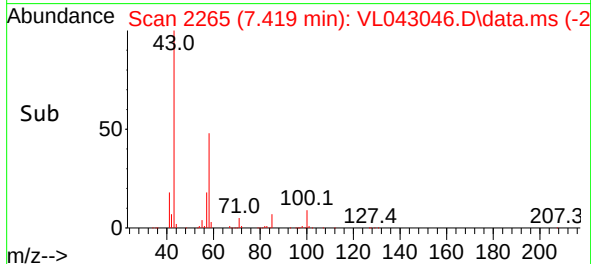
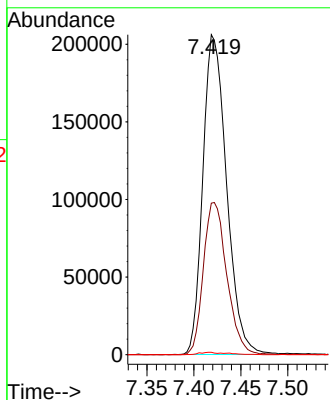
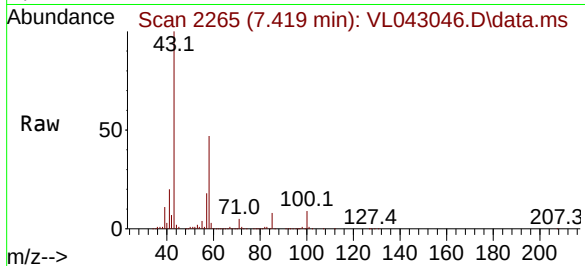




#51
2-Hexanone
Concen: 11.431 ppbv
RT: 7.419 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

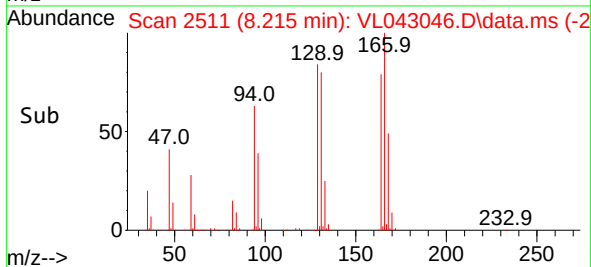
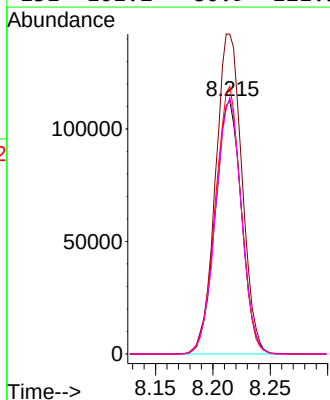
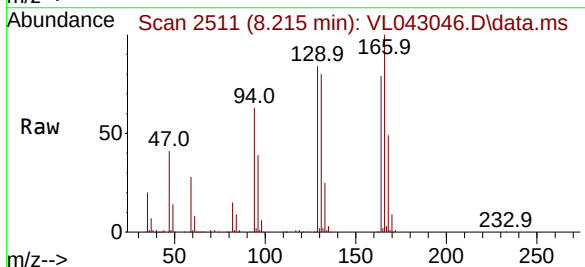
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

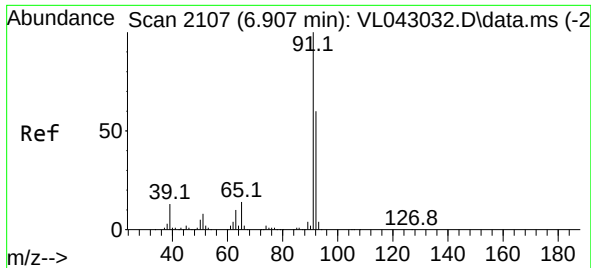
Tgt Ion: 43 Resp: 361924
Ion Ratio Lower Upper
43 100
58 47.1 39.1 58.7
98 0.9 0.5 0.7#



#52
Tetrachloroethene
Concen: 9.406 ppbv
RT: 8.215 min Scan# 2511
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 164 Resp: 178891
Ion Ratio Lower Upper
164 100
166 126.1 101.8 152.8
129 105.5 84.5 126.7
131 101.2 80.9 121.3

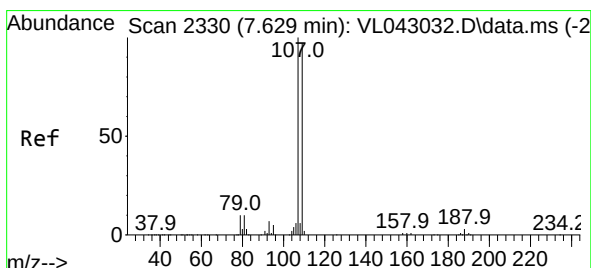
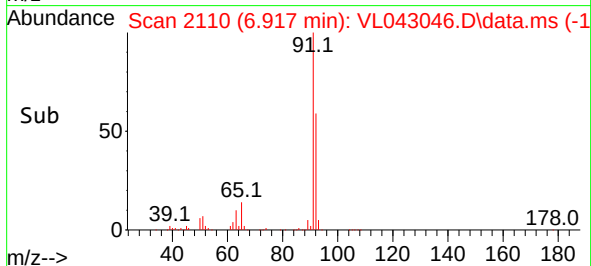
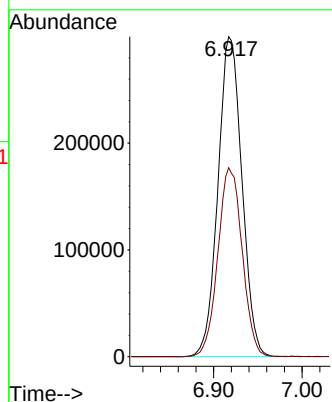
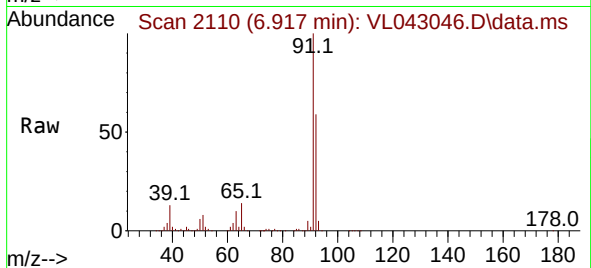




#53
Toluene
Concen: 10.867 ppbv
RT: 6.917 min Scan# 2110
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

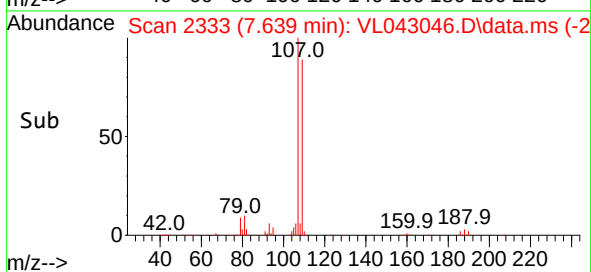
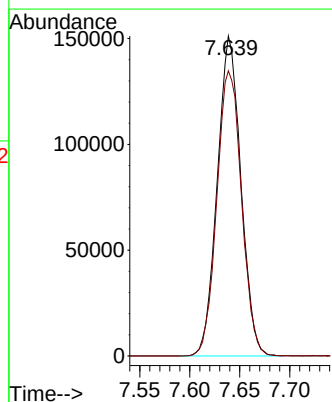
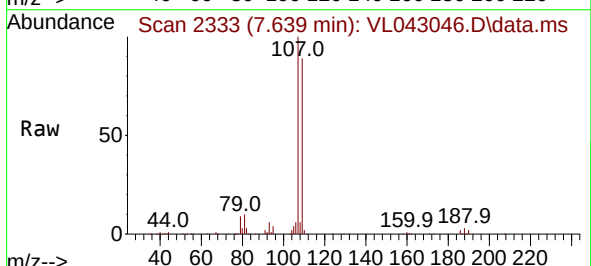
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

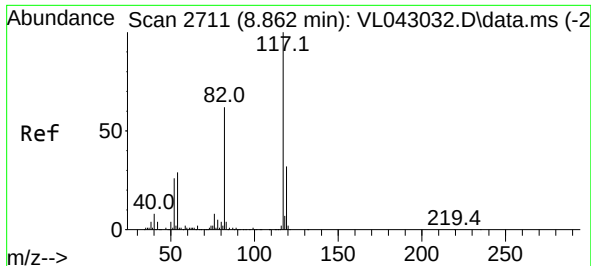
Tgt Ion: 91 Resp: 563494
Ion Ratio Lower Upper
91 100
92 59.9 47.8 71.6



#54
1,2-Dibromoethane
Concen: 9.905 ppbv
RT: 7.639 min Scan# 2333
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 107 Resp: 248606
Ion Ratio Lower Upper
107 100
109 89.1 77.4 116.0

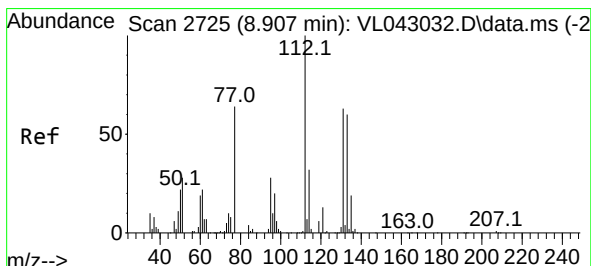
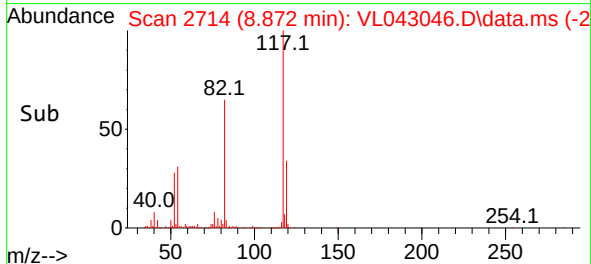
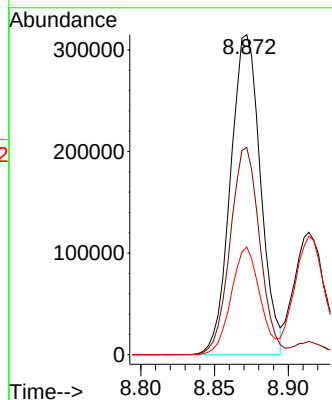
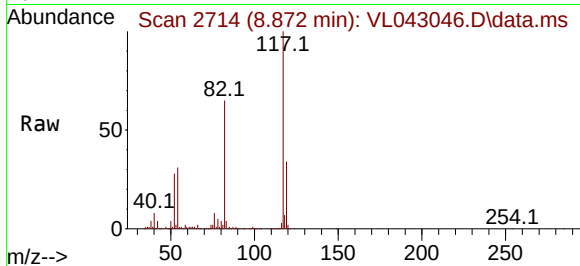




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 211
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

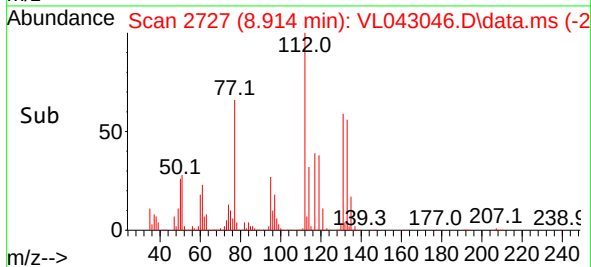
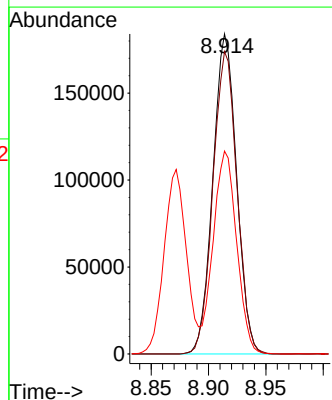
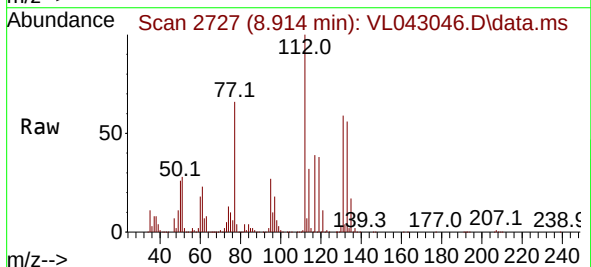
Instrument :
MSVOA_1
ClientSampleId :
VL1006ABS01

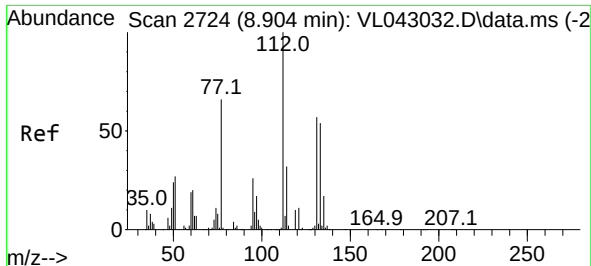
Tgt Ion:117 Resp: 447189
Ion Ratio Lower Upper
117 100
82 67.8 53.0 79.6
119 32.2 25.4 38.2



#56
1,1,1,2-Tetrachloroethane
Concen: 9.687 ppbv
RT: 8.914 min Scan# 2727
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion:131 Resp: 264054
Ion Ratio Lower Upper
131 100
133 96.0 76.2 114.4
119 63.2 49.4 74.2

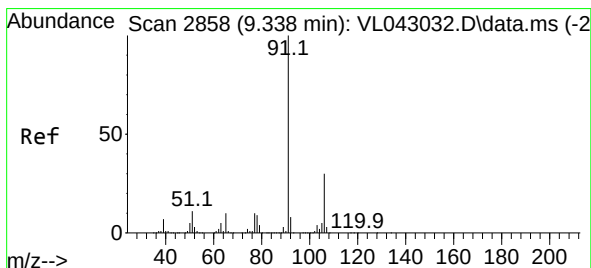
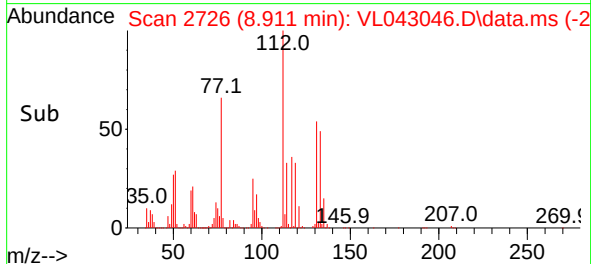
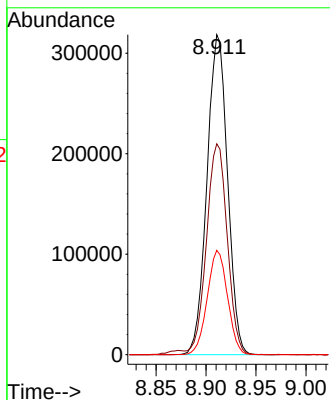
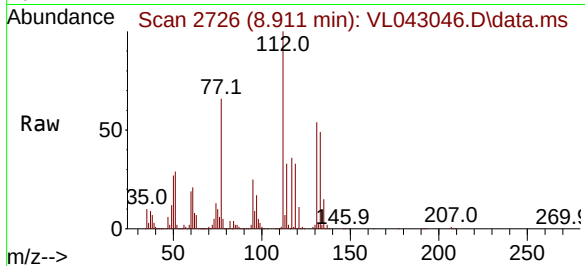




#57
Chlorobenzene
Concen: 9.661 ppbv
RT: 8.911 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

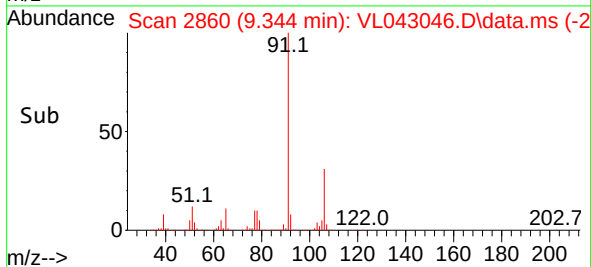
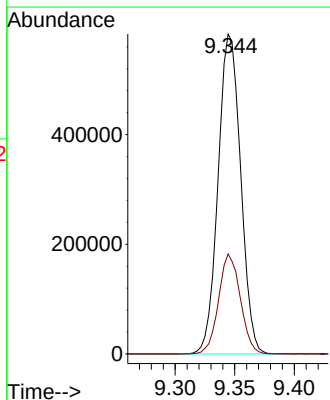
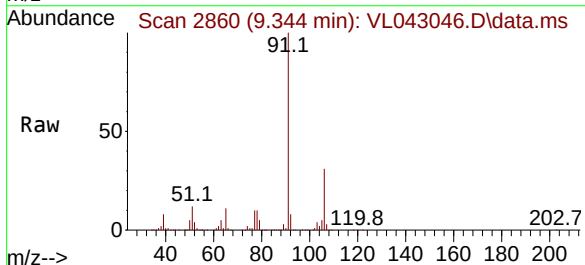
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

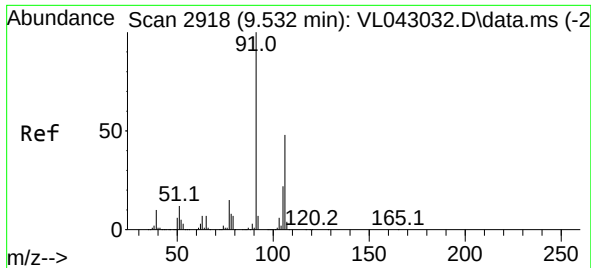
Tgt Ion:112 Resp: 456710
Ion Ratio Lower Upper
112 100
77 65.8 53.2 79.8
114 32.6 28.6 35.0



#58
Ethyl Benzene
Concen: 11.080 ppbv
RT: 9.344 min Scan# 2860
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 91 Resp: 767600
Ion Ratio Lower Upper
91 100
106 31.3 24.1 36.1

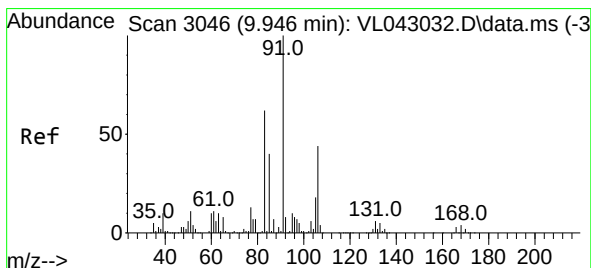
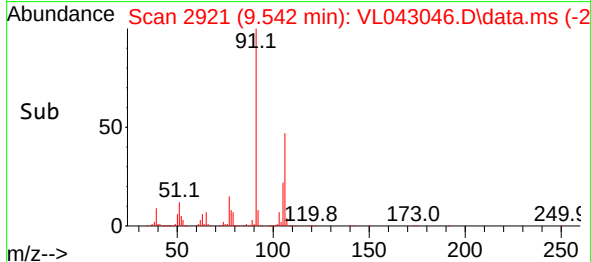
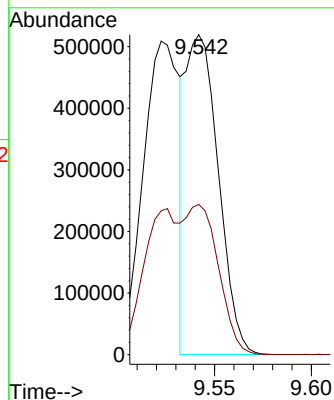
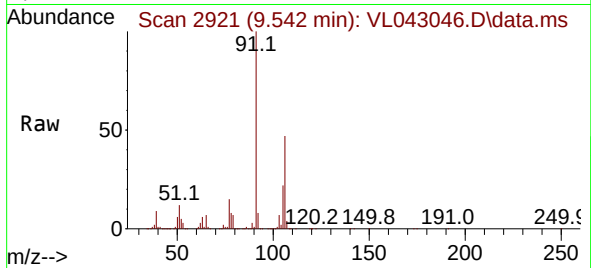




#59
m/p-Xylene
Concen: 10.417 ppbv
RT: 9.542 min Scan# 2918
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

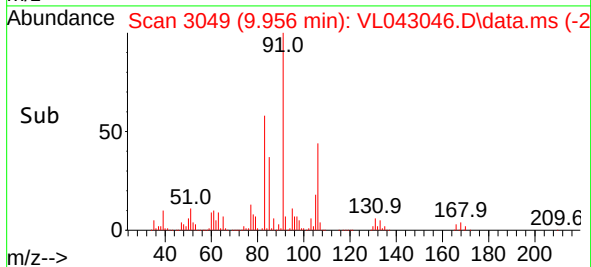
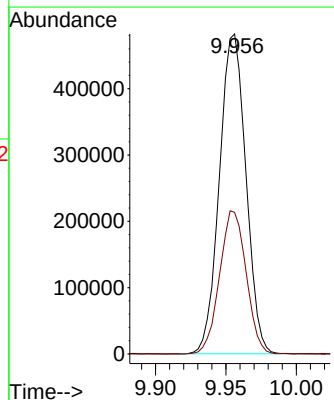
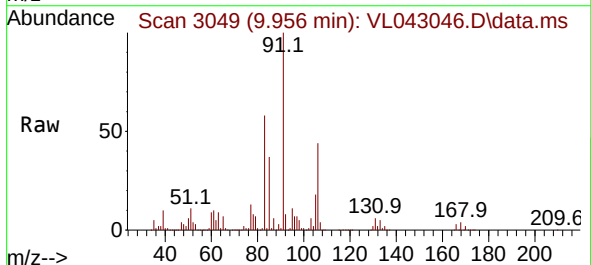
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

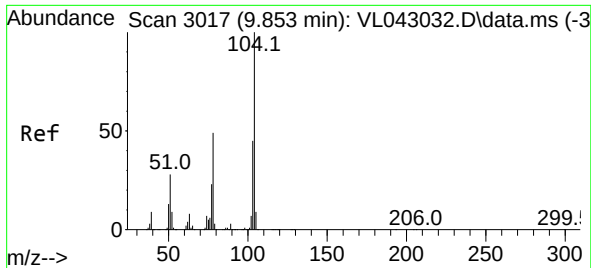
Tgt Ion: 91 Resp: 608693
Ion Ratio Lower Upper
91 100
106 98.6 37.5 56.3#



#60
o-Xylene
Concen: 10.862 ppbv
RT: 9.956 min Scan# 3049
Delta R.T. 0.010 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 91 Resp: 632243
Ion Ratio Lower Upper
91 100
106 44.9 21.9 65.5





#61

Styrene

Concen: 11.289 ppbv

RT: 9.862 min Scan# 3017

Delta R.T. 0.010 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL1006ABS01

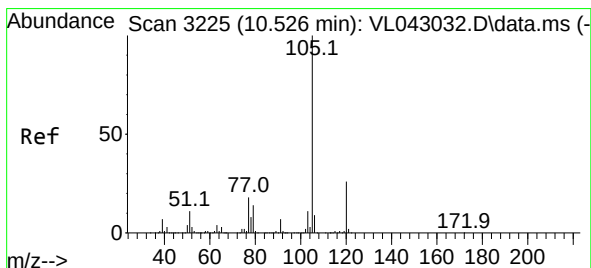
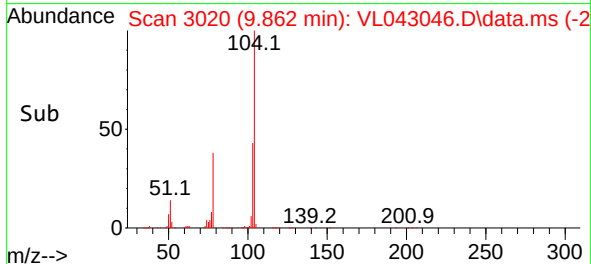
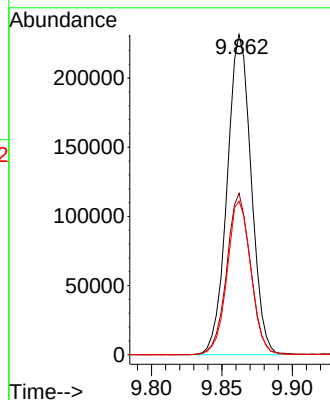
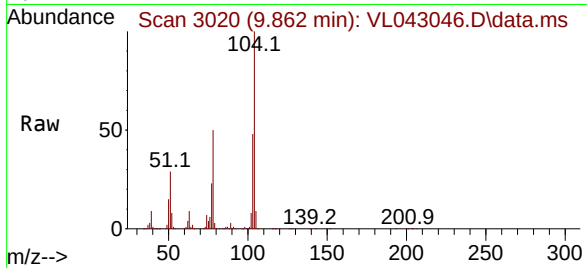
Tgt Ion:104 Resp: 275280

Ion Ratio Lower Upper

104 100

78 49.8 39.7 59.5

103 47.8 37.6 56.4



#62

Isopropylbenzene

Concen: 10.584 ppbv

RT: 10.532 min Scan# 3227

Delta R.T. 0.006 min

Lab File: VL043046.D

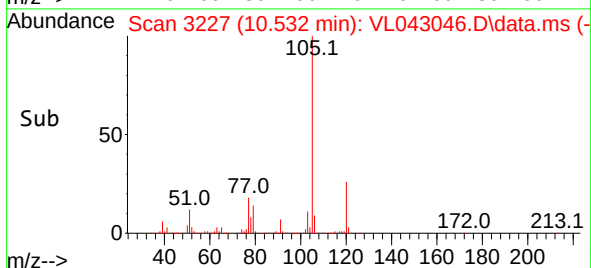
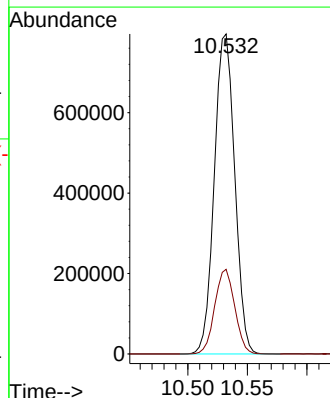
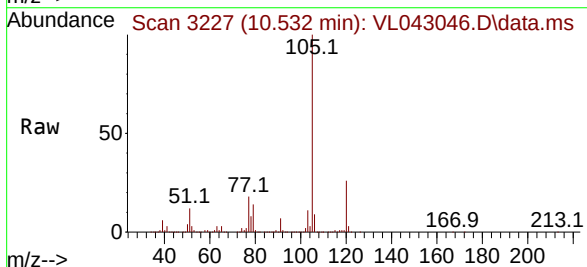
Acq: 06 Oct 2025 10:12

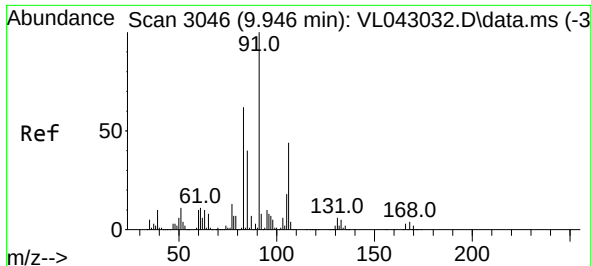
Tgt Ion:105 Resp: 945764

Ion Ratio Lower Upper

105 100

120 25.9 20.6 31.0





#63

1,1,2,2-Tetrachloroethane

Concen: 8.943 ppbv

RT: 9.953 min Scan# 3046

Delta R.T. 0.006 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_1

ClientSampleId :

VL1006ABS01

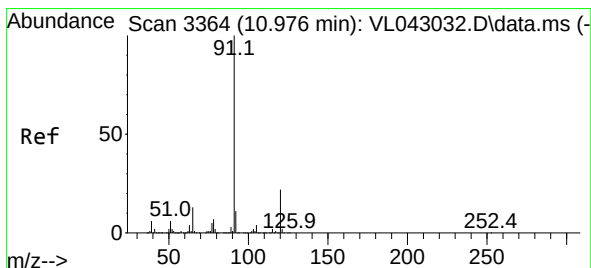
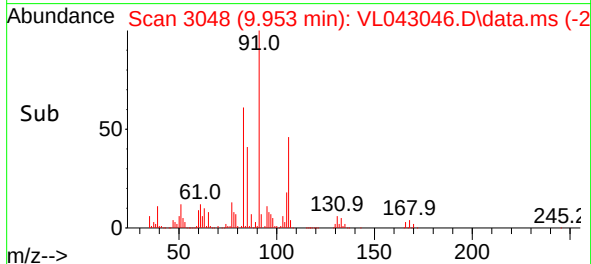
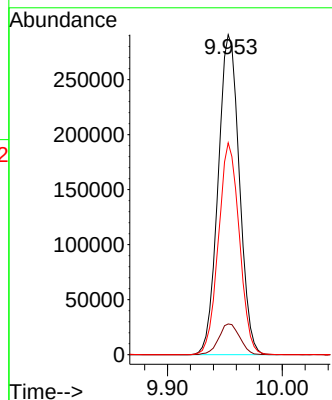
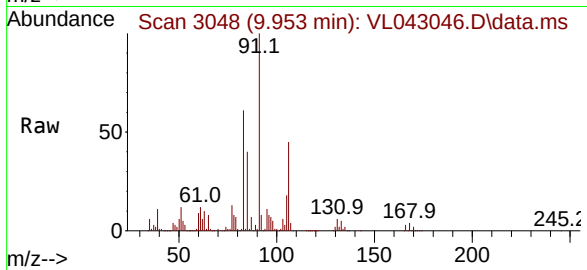
Tgt Ion: 83 Resp: 373448

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.1

85 65.2 32.0 96.2



#64

n-propylbenzene

Concen: 10.773 ppbv

RT: 10.982 min Scan# 3366

Delta R.T. 0.006 min

Lab File: VL043046.D

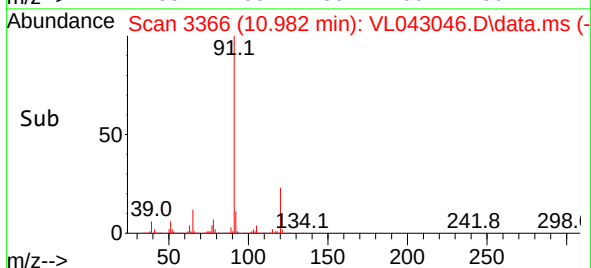
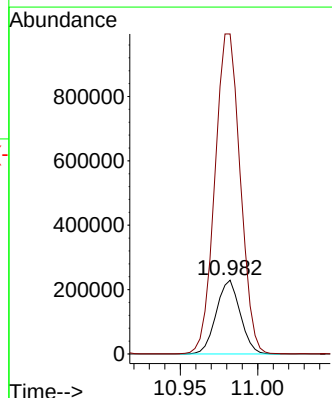
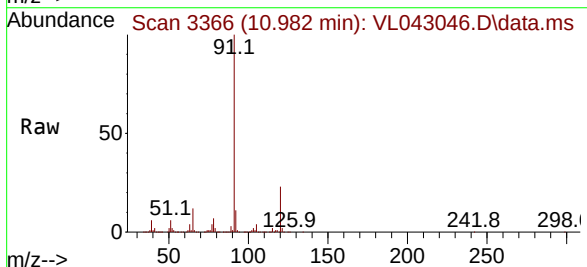
Acq: 06 Oct 2025 10:12

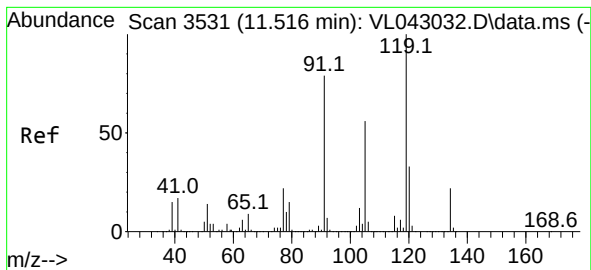
Tgt Ion: 120 Resp: 246252

Ion Ratio Lower Upper

120 100

91 460.1 367.0 550.4

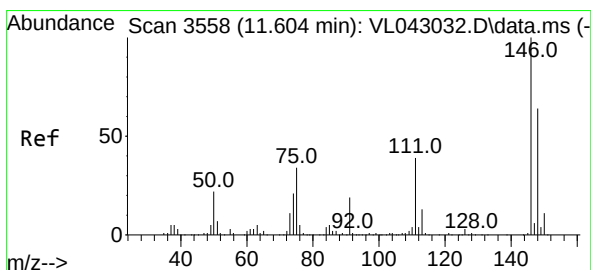
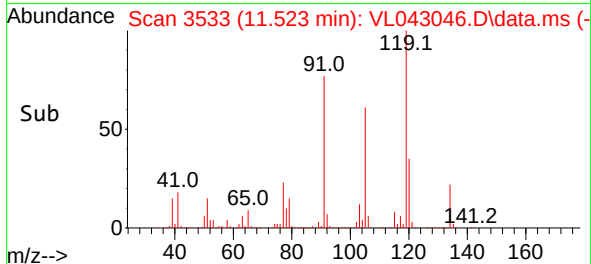
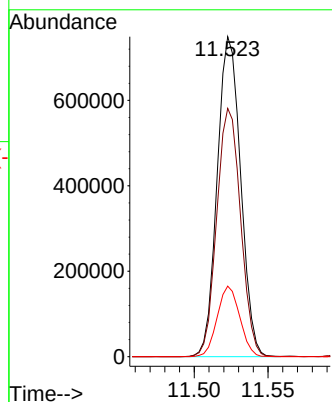
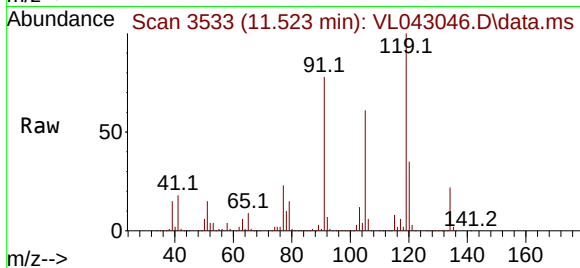




#65
tert-Butylbenzene
Concen: 10.427 ppbv
RT: 11.523 min Scan# 3533
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

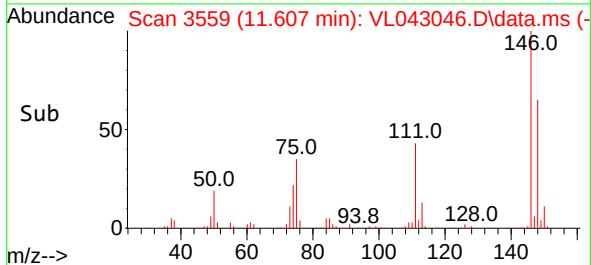
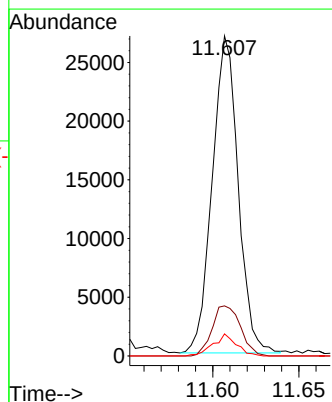
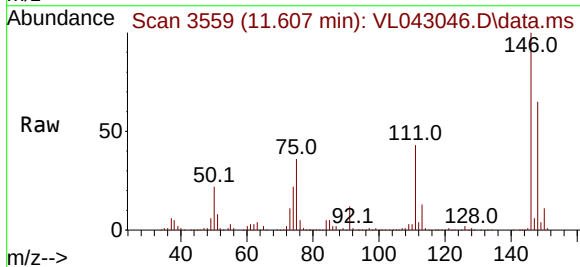
Instrument :
MSVOA_1
ClientSampleId :
VL1006ABS01

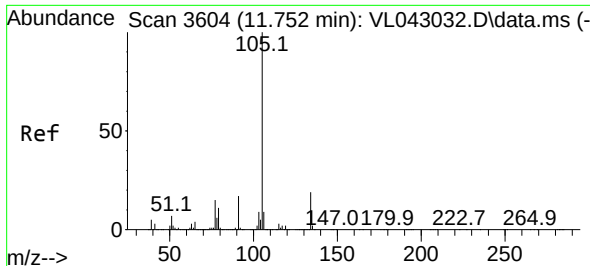
Tgt Ion:119 Resp: 829195
Ion Ratio Lower Upper
119 100
91 78.9 63.1 94.7
134 21.2 16.9 25.3



#66
Benzyl Chloride
Concen: 9.305 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 91 Resp: 28281
Ion Ratio Lower Upper
91 100
126 17.2 14.2 21.4
128 6.3 4.8 7.2

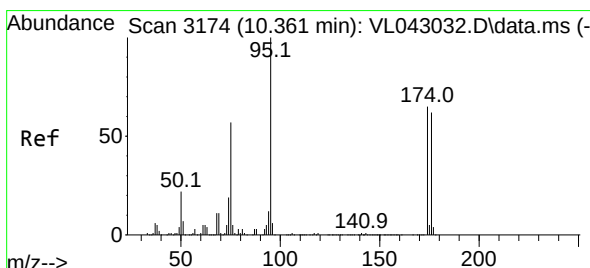
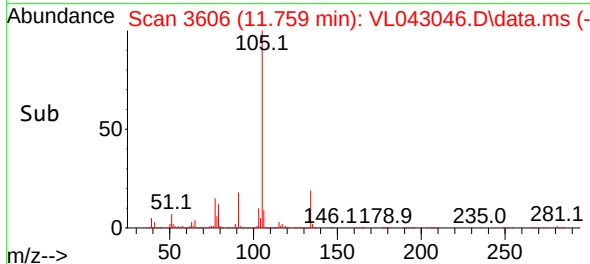
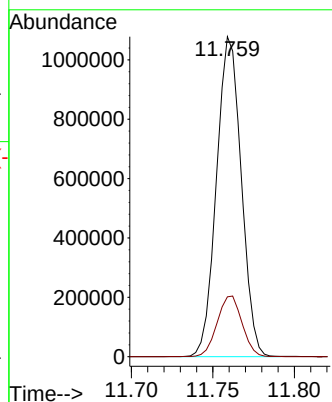
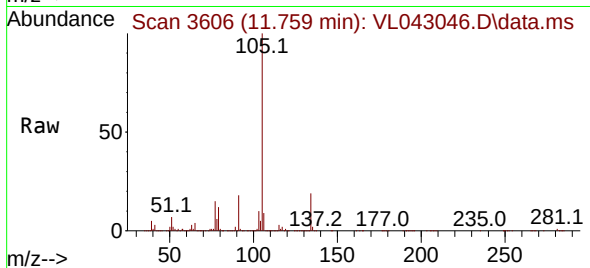




#67
 sec-Butylbenzene
 Concen: 10.266 ppbv
 RT: 11.759 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

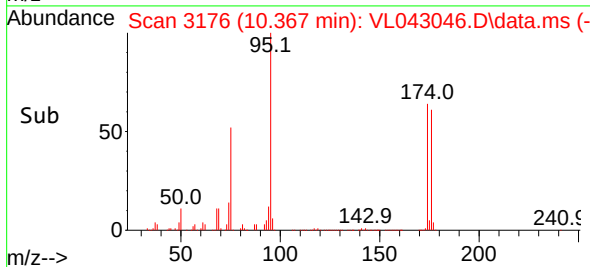
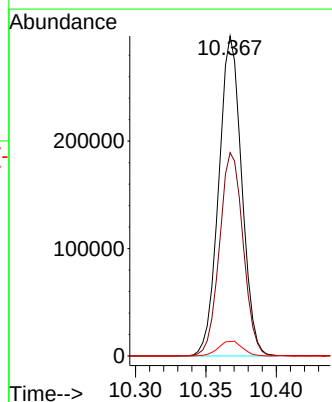
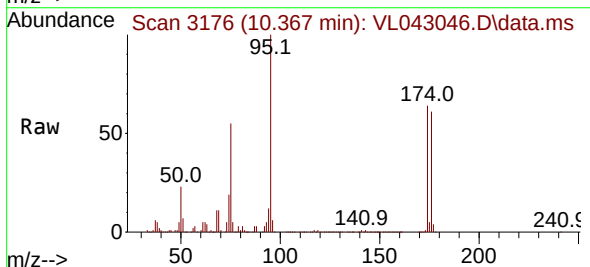
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1006ABS01

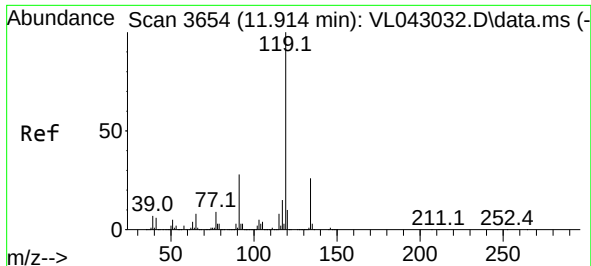
Tgt Ion:105 Resp: 1139275
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.2 22.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.498 ppbv
 RT: 10.367 min Scan# 3176
 Delta R.T. 0.006 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

Tgt Ion: 95 Resp: 338181
 Ion Ratio Lower Upper
 95 100
 174 65.7 52.3 78.5
 175 4.9 3.8 5.8

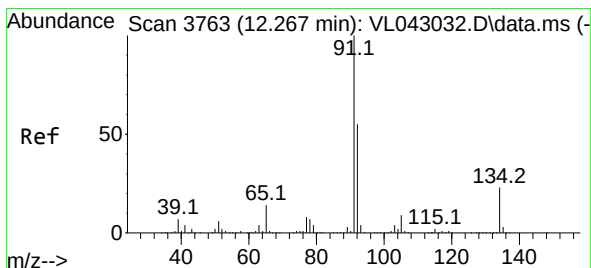
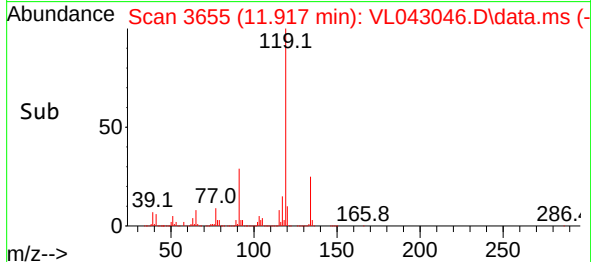
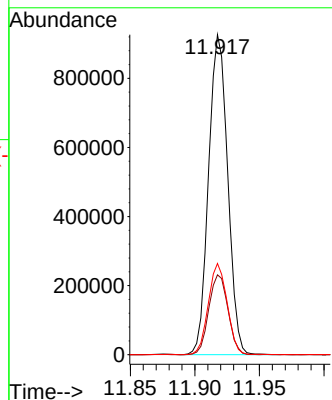
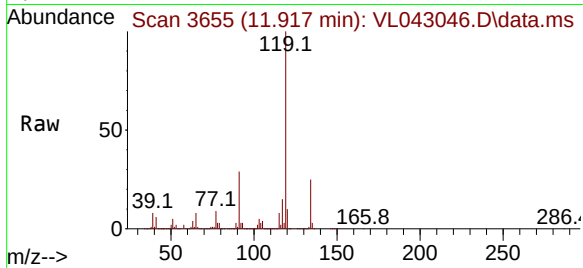




#69
 p-Isopropyltoluene
 Concen: 10.562 ppbv
 RT: 11.917 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

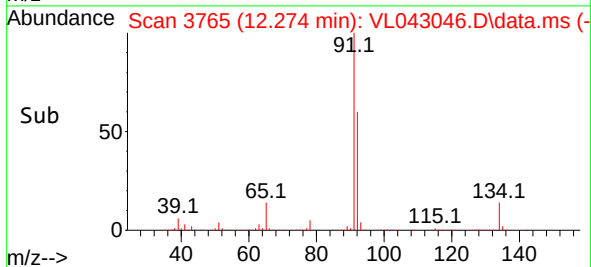
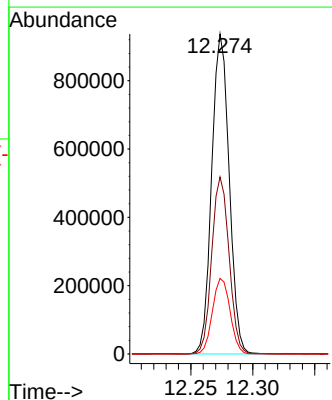
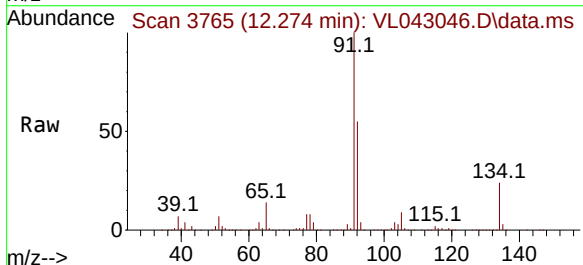
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1006ABS01

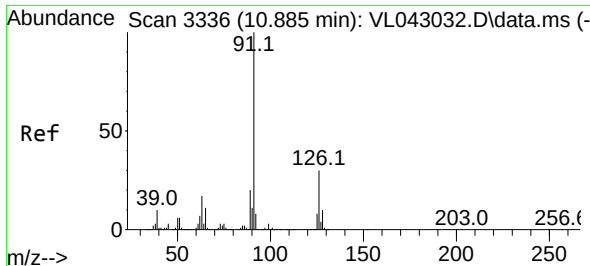
Tgt Ion:119 Resp: 953493
 Ion Ratio Lower Upper
 119 100
 134 25.1 20.5 30.7
 91 28.1 22.6 33.8



#70
 n-Butylbenzene
 Concen: 10.590 ppbv
 RT: 12.274 min Scan# 3765
 Delta R.T. 0.006 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

Tgt Ion: 91 Resp: 920477
 Ion Ratio Lower Upper
 91 100
 92 55.0 43.9 65.9
 134 23.9 18.9 28.3

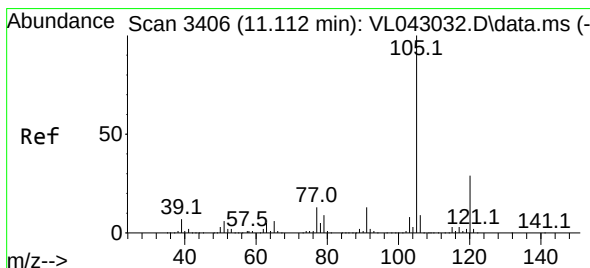
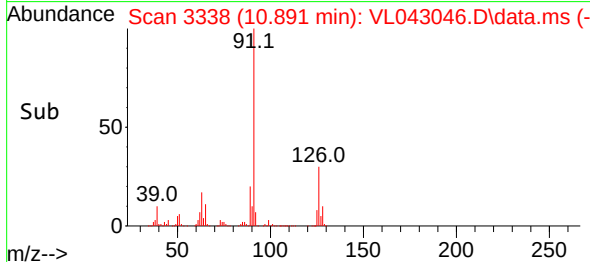
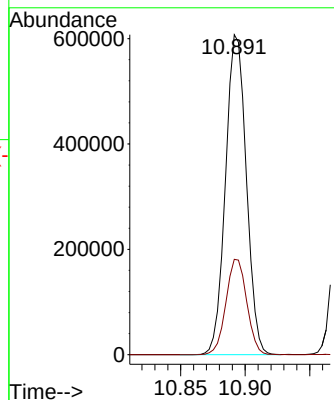
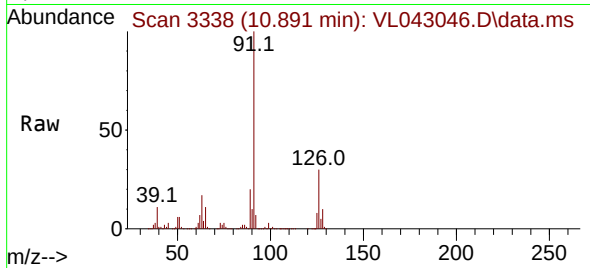




#71
2-Chlorotoluene
Concen: 10.507 ppbv
RT: 10.891 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

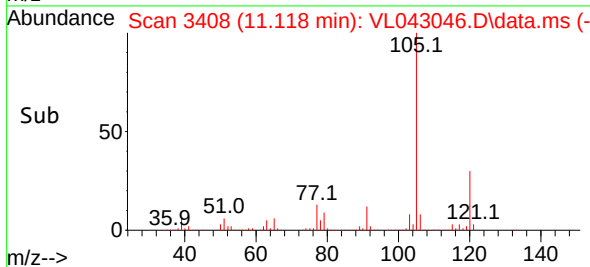
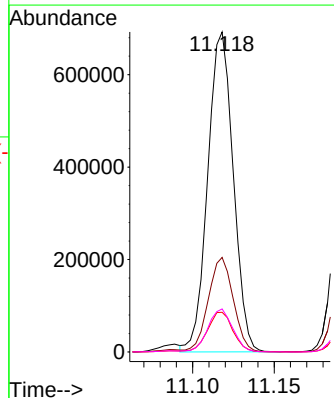
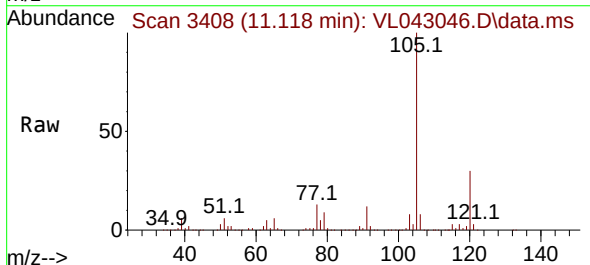
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

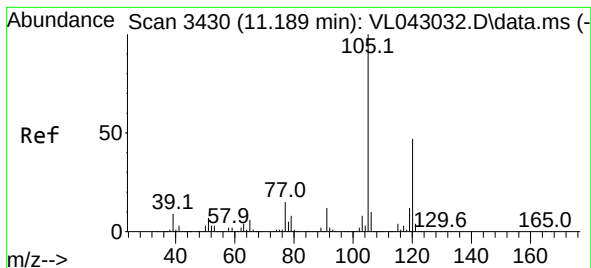
Tgt Ion: 91 Resp: 679459
Ion Ratio Lower Upper
91 100
126 29.8 12.2 48.6



#72
4-Ethyltoluene
Concen: 10.863 ppbv
RT: 11.118 min Scan# 3408
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion: 105 Resp: 752627
Ion Ratio Lower Upper
105 100
120 29.7 23.5 35.3
91 12.9 10.4 15.6
77 13.5 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 10.527 ppbv

RT: 11.196 min Scan# 34

Delta R.T. 0.006 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_1

ClientSampleId :

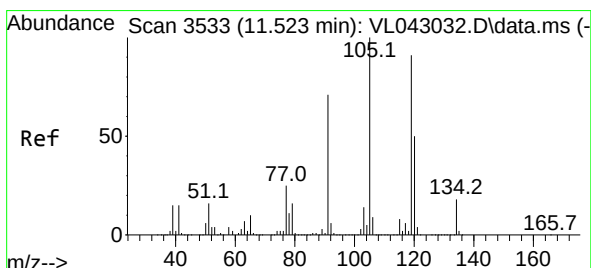
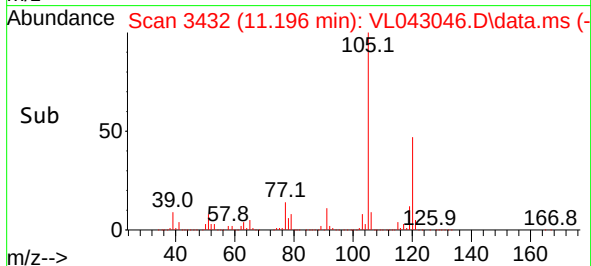
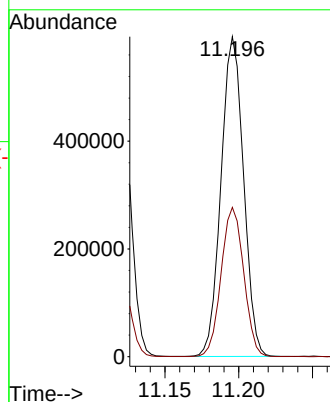
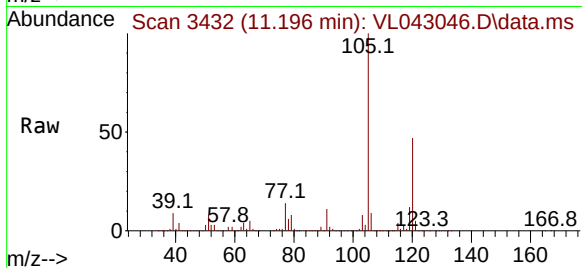
VL1006ABS01

Tgt Ion:105 Resp: 630941

Ion Ratio Lower Upper

105 100

120 46.6 37.5 56.3



#74

1,2,4-Trimethylbenzene

Concen: 10.380 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. 0.006 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Tgt Ion:105 Resp: 702152

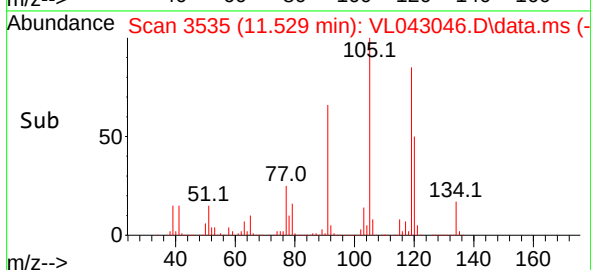
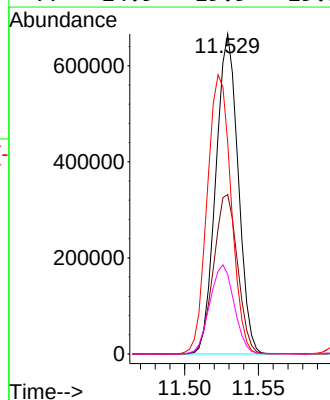
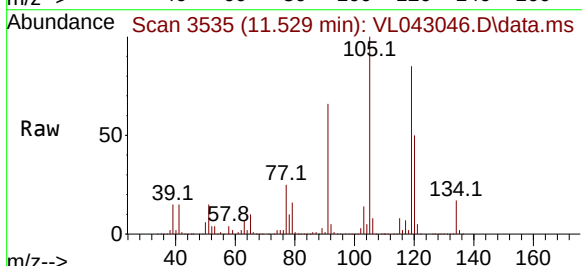
Ion Ratio Lower Upper

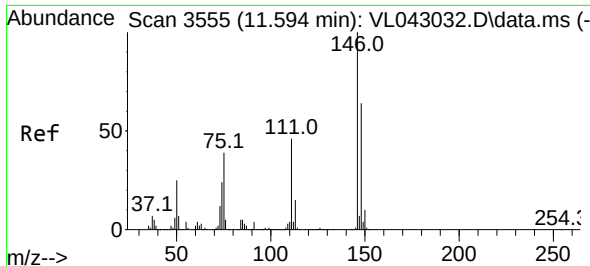
105 100

120 49.8 39.7 59.5

91 66.0 56.5 84.7

77 24.9 19.9 29.9

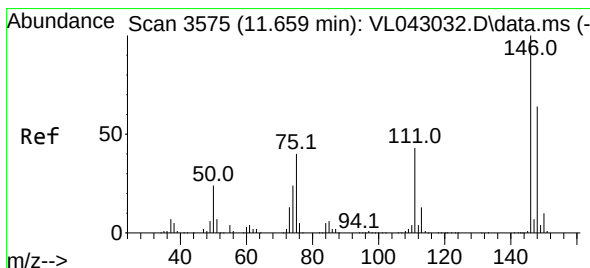
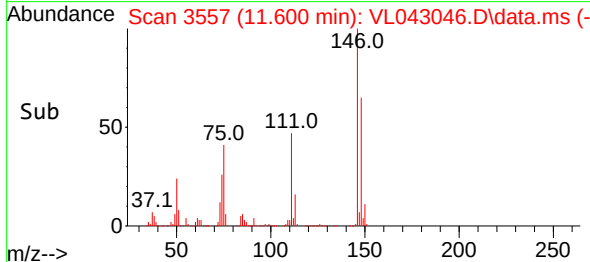
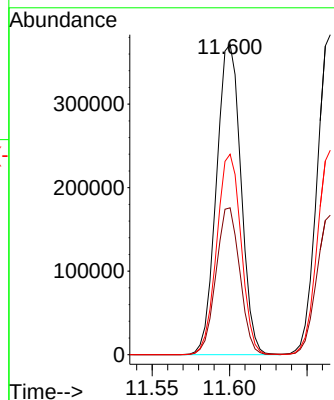
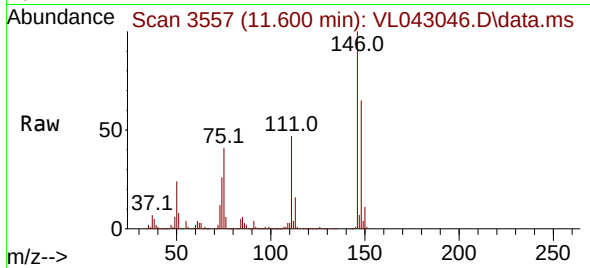




#75
1,3-Dichlorobenzene
Concen: 9.307 ppbv
RT: 11.600 min Scan# 3555
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

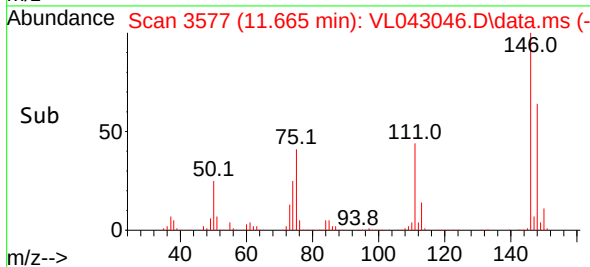
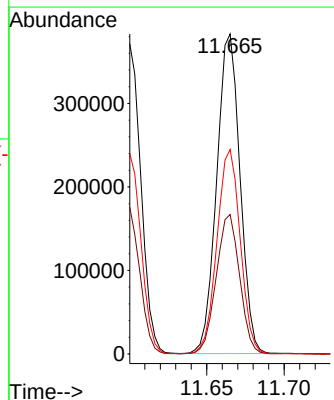
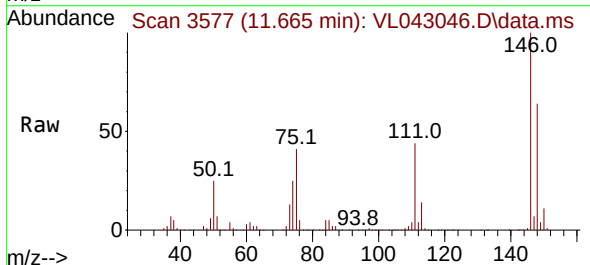
Instrument :
MSVOA_1
ClientSampleId :
VL1006ABS01

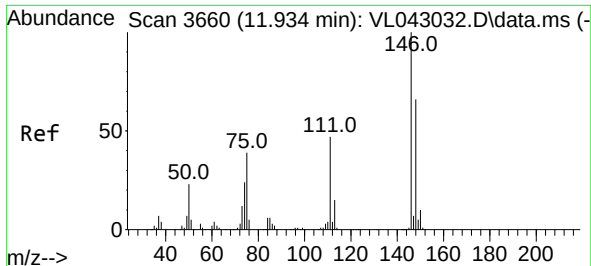
Tgt Ion:146 Resp: 409449
Ion Ratio Lower Upper
146 100
111 46.0 22.6 67.7
148 64.0 31.9 95.7



#76
1,4-Dichlorobenzene
Concen: 9.565 ppbv
RT: 11.665 min Scan# 3577
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion:146 Resp: 401258
Ion Ratio Lower Upper
146 100
111 43.9 21.7 65.1
148 64.1 32.1 96.3

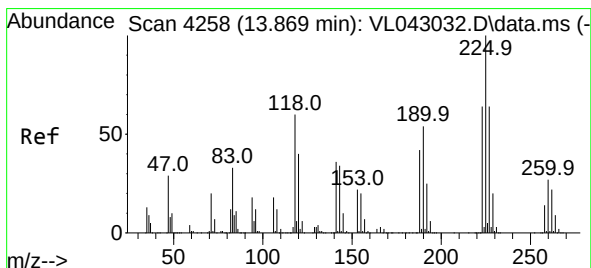
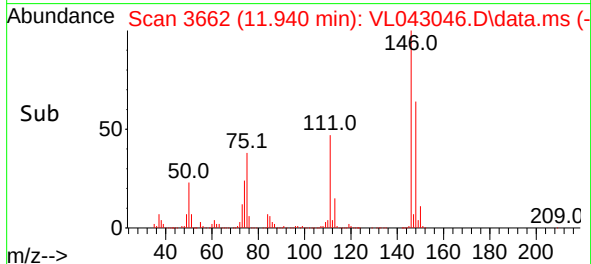
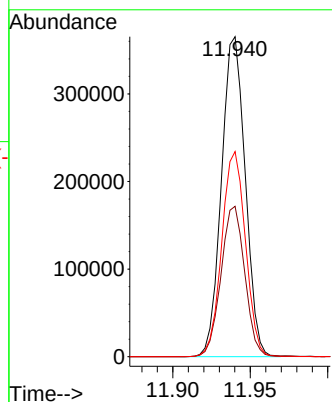
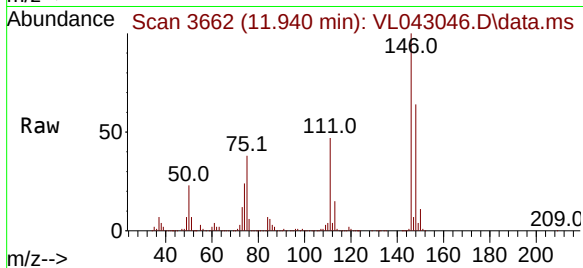




#77
1,2-Dichlorobenzene
Concen: 8.892 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. 0.006 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

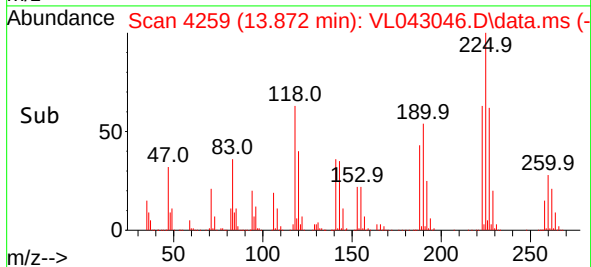
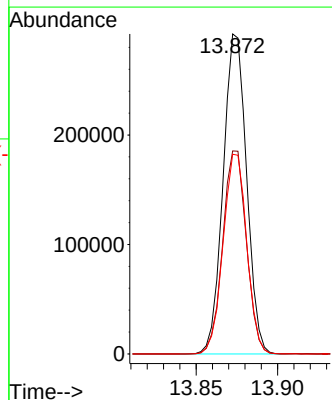
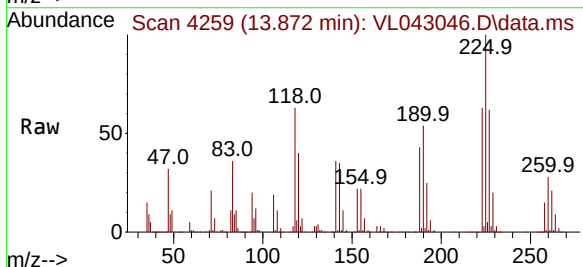
Instrument :
MSVOA_L
ClientSampleId :
VL1006ABS01

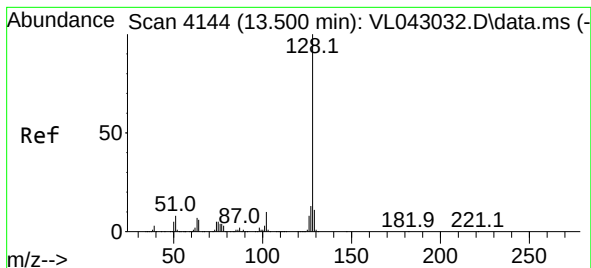
Tgt Ion:146 Resp: 389675
Ion Ratio Lower Upper
146 100
111 47.0 23.2 69.5
148 64.0 31.9 95.7



#78
Hexachloro-1,3-Butadiene
Concen: 9.580 ppbv
RT: 13.872 min Scan# 4259
Delta R.T. 0.003 min
Lab File: VL043046.D
Acq: 06 Oct 2025 10:12

Tgt Ion:225 Resp: 292520
Ion Ratio Lower Upper
225 100
223 64.0 50.9 76.3
227 62.9 50.9 76.3





#79

Naphthalene

Concen: 9.592 ppbv

RT: 13.503 min Scan# 4144

Delta R.T. 0.003 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

Instrument :

MSVOA_1

ClientSampleId :

VL1006ABS01

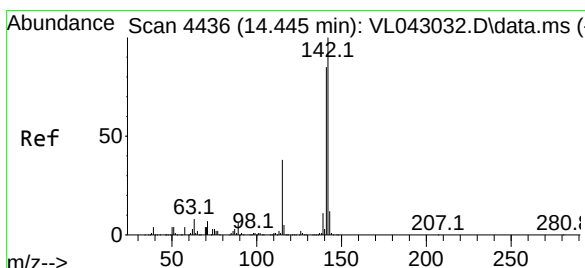
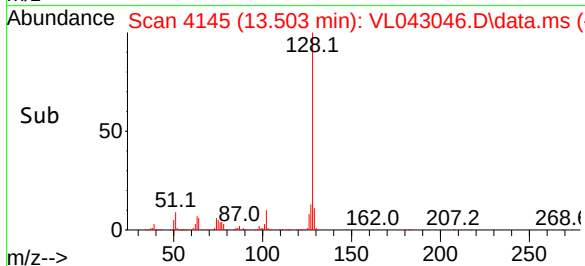
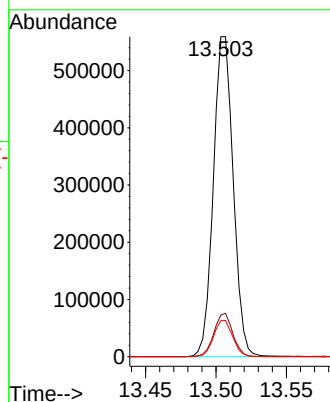
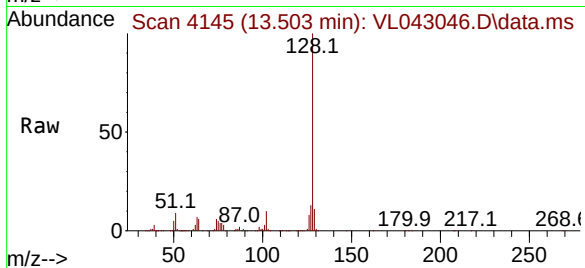
Tgt Ion:128 Resp: 548561

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.3 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 7.891 ppbv

RT: 14.449 min Scan# 4437

Delta R.T. 0.004 min

Lab File: VL043046.D

Acq: 06 Oct 2025 10:12

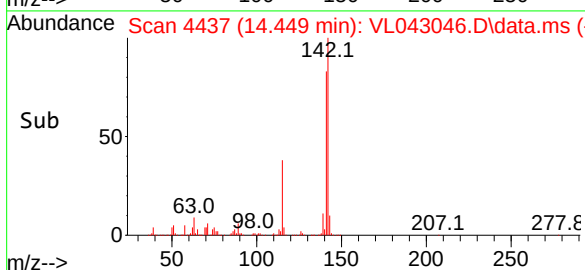
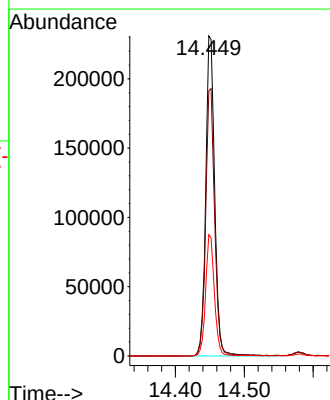
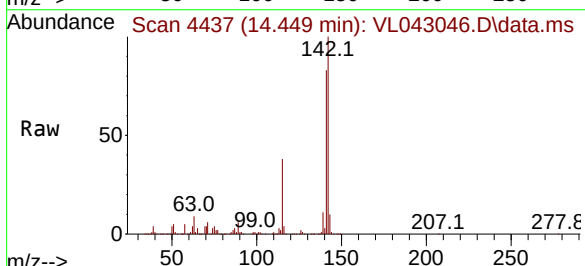
Tgt Ion:142 Resp: 207324

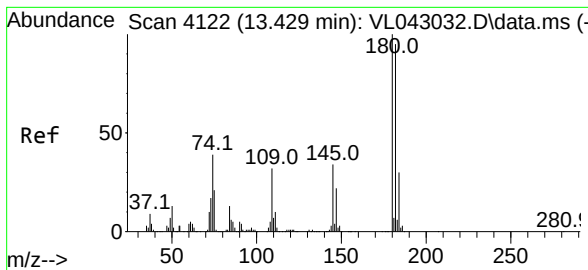
Ion Ratio Lower Upper

142 100

141 83.9 66.6 100.0

115 37.8 30.1 45.1





#81
 1,2,4-Trichlorobenzene
 Concen: 11.975 ppbv
 RT: 13.432 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL043046.D
 Acq: 06 Oct 2025 10:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1006ABS01

Tgt Ion:180 Resp: 312207

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.9	115.3
184	29.8	23.9	35.9

