

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100225\
 Data File : VL043037.D
 Acq On : 02 Oct 2025 13:07
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: Oct 03 08:05:09 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 07:59:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.774	49	172214	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.939	114	493591	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.862	117	408184	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.361	95	280877	9.552	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.492	85	1061	0.037	ppbv	99
3) Chlorodifluoromethane	1.874	51	245	0.009	ppbv	92
4) Chloromethane	1.528	50	512	0.048	ppbv #	88
5) Vinyl Chloride	1.573	62	296	0.029	ppbv #	78
6) Bromomethane	1.661	94	191	0.042	ppbv	86
7) Chloroethane	1.700	64	233	0.055	ppbv #	64
8) Dichlorotetrafluoroethane	1.551	85	949	0.040	ppbv	90
9) Propene	1.479	41	630	0.056	ppbv #	43
10) Heptane	4.959	43	443	0.016	ppbv #	27
11) Trichlorofluoromethane	2.133	101	978	0.033	ppbv	92
12) 1,1,2-Trichlorotrifluo...	2.133	101	978	0.042	ppbv	89
13) Ethanol	1.878	45	506	Below Cal	#	31
14) Bromoethene	1.774	108	365	0.043	ppbv #	55
15) Acetone	1.832	43	2209	0.092	ppbv #	79
16) 1,3-Butadiene	1.606	39	462	0.046	ppbv #	11
17) tert-Butyl alcohol	2.036	59	1112	0.044	ppbv #	75
18) 1,1-Dichloroethene	2.327	96	678	0.066	ppbv	80
19) Isopropyl Alcohol	1.878	45	506	0.044	ppbv #	37
20) Methylene Chloride	2.056	84	2803	0.266	ppbv	94
21) Allyl Chloride	2.088	41	900	0.058	ppbv #	82
22) trans-1,2-Dichloroethene	2.327	96	678	0.058	ppbv	92
23) Vinyl Acetate	2.454	43	375	0.073	ppbv #	8
24) 1,1-Dichloroethane	2.399	63	1145	0.052	ppbv #	87
25) Ethyl Acetate	2.829	43	1850	0.031	ppbv #	86
26) Hexane	2.813	57	434	0.019	ppbv #	1
27) Carbon Disulfide	2.143	76	1019	0.037	ppbv #	1
28) Methyl tert-Butyl Ether	2.434	73	654	0.045	ppbv #	86
29) Chloroform	2.839	83	1489	0.038	ppbv #	74
30) Cyclohexane	3.842	84	125	0.007	ppbv #	1
31) cis-1,2-Dichloroethene	2.327	61	830	0.035	ppbv	92
32) 1,1,1-Trichloroethane	3.353	97	1104	0.029	ppbv #	79
34) 2-Butanone	2.551	43	1532	0.046	ppbv	94
35) Carbon Tetrachloride	3.748	117	1004	0.025	ppbv #	57
36) Benzene	3.635	78	780	0.017	ppbv #	93
37) 1,2-Dichloroethane	3.205	62	781	0.028	ppbv #	80
38) Trichloroethene	4.525	130	221	0.011	ppbv #	57
39) 1,2-Dichloropropane	3.936	63	124375	7.115	ppbv #	21
40) 1,4-Dioxane	4.593	88	73	0.010	ppbv #	40
41) Tetrahydrofuran	3.059	42	523	0.030	ppbv #	83
42) Bromodichloromethane	4.464	83	1445	0.037	ppbv #	80
43) Methyl Methacrylate	4.859	69	315	0.020	ppbv #	64
44) 2,2,4-Trimethylpentane	4.613	57	888	0.012	ppbv #	1
45) t-1,3-Dichloropropene	6.389	75	190	0.013	ppbv #	85

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100225\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

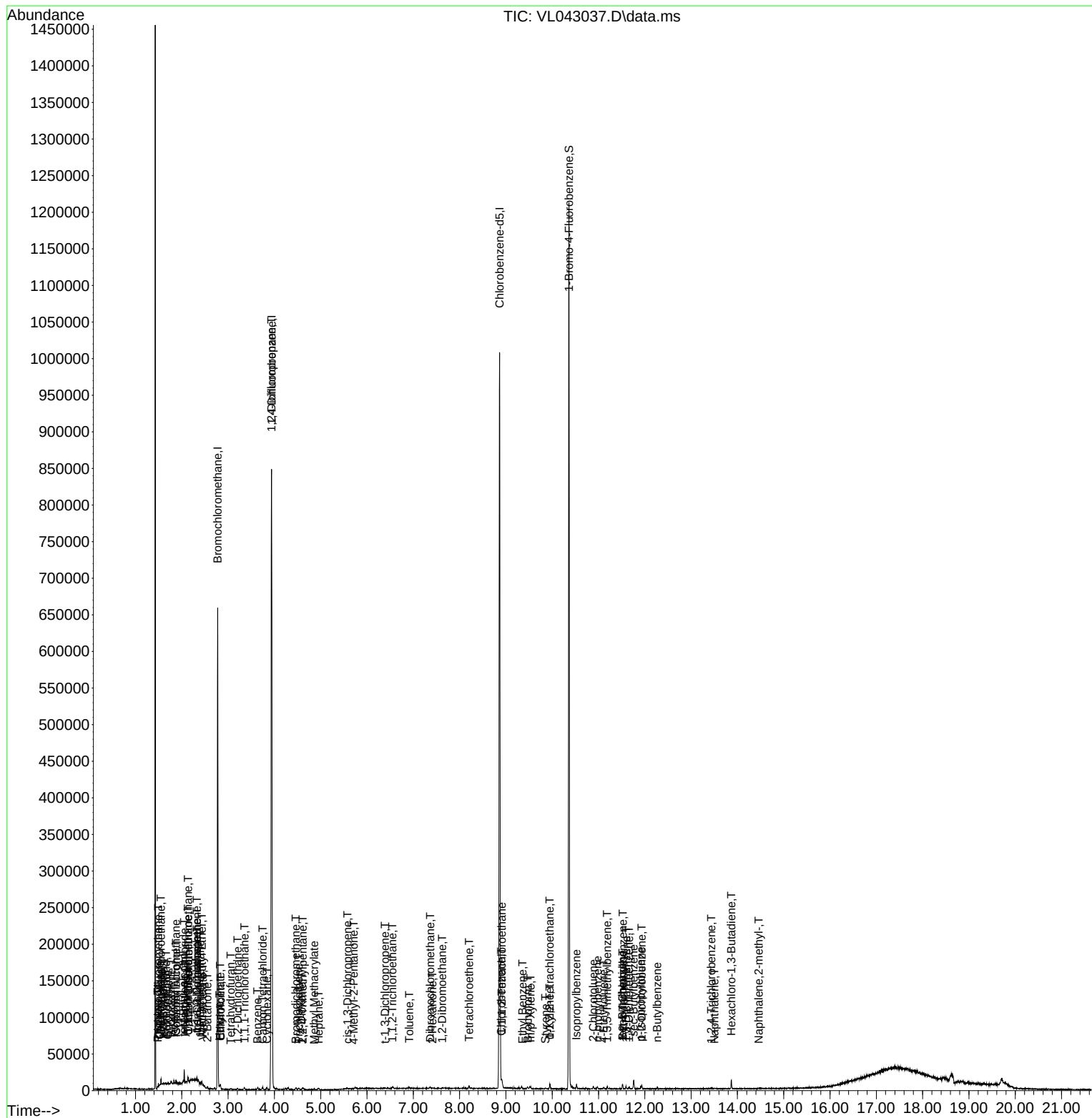
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

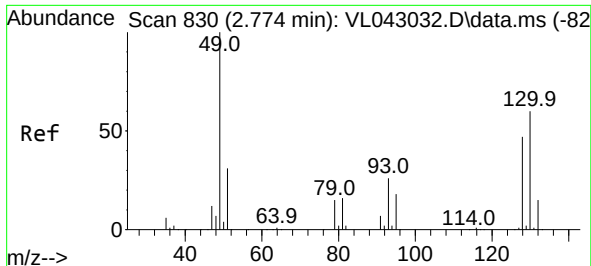
Quant Time: Oct 03 08:05:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 07:59:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.577	75	177	0.009	ppbv	#	80
47) 1,1,2-Trichloroethane	6.548	97	319	0.016	ppbv	#	75
48) Dibromochloromethane	7.367	129	260	0.008	ppbv	#	1
49) Bromoform	9.471	173	756	0.029	ppbv	#	89
50) 4-Methyl-2-Pentanone	5.713	43	52	0.001	ppbv	#	39
51) 2-Hexanone	7.415	43	40	0.001	ppbv	#	29
52) Tetrachloroethene	8.205	164	448	0.025	ppbv	#	6
53) Toluene	6.911	91	546	0.011	ppbv	#	1
54) 1,2-Dibromoethane	7.626	107	337	0.015	ppbv	#	58
56) 1,1,1,2-Tetrachloroethane	8.911	131	472	0.019	ppbv	#	1
57) Chlorobenzene	8.901	112	1331	0.031	ppbv	#	42
58) Ethyl Benzene	9.357	91	126	0.002	ppbv		99
59) m/p-Xylene	9.535	91	686	0.013	ppbv	#	30
60) o-Xylene	9.947	91	1271	0.024	ppbv		97
61) Styrene	9.853	104	205	0.009	ppbv	#	1
62) Isopropylbenzene	10.523	105	1227	0.015	ppbv	#	70
63) 1,1,2,2-Tetrachloroethane	9.947	83	1322	0.035	ppbv		96
64) n-propylbenzene	10.979	120	89	0.004	ppbv	#	1
65) tert-Butylbenzene	11.516	119	1416	0.020	ppbv	#	83
66) Benzyl Chloride	11.520	91	871	0.310	ppbv	#	69
67) sec-Butylbenzene	11.756	105	1780	0.018	ppbv	#	88
69) p-Isopropyltoluene	11.911	119	1493	0.018	ppbv	#	91
70) n-Butylbenzene	12.267	91	1002	0.013	ppbv		98
71) 2-Chlorotoluene	10.888	91	1542	0.026	ppbv		87
72) 4-Ethyltoluene	11.108	105	746	0.012	ppbv	#	74
73) 1,3,5-Trimethylbenzene	11.189	105	1128	0.021	ppbv	#	68
74) 1,2,4-Trimethylbenzene	11.526	105	568	0.009	ppbv	#	70
75) 1,3-Dichlorobenzene	11.597	146	823	0.020	ppbv		93
76) 1,4-Dichlorobenzene	11.659	146	493	0.013	ppbv	#	53
77) 1,2-Dichlorobenzene	11.934	146	996	0.025	ppbv		93
78) Hexachloro-1,3-Butadiene	13.869	225	1038	0.037	ppbv		93
79) Naphthalene	13.504	128	431	0.243	ppbv	#	86
80) Naphthalene,2-methyl-	14.462	142	411	0.678	ppbv		91
81) 1,2,4-Trichlorobenzene	13.436	180	102	0.004	ppbv	#	29

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

Quant Time: Oct 03 08:05:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Oct 03 07:59:23 2025
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.774 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

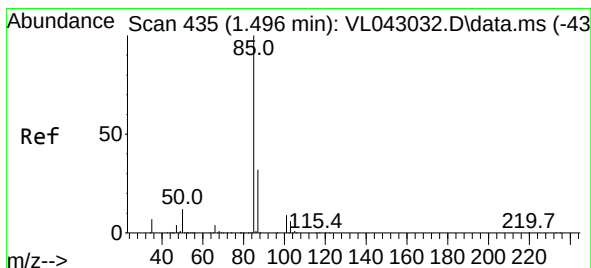
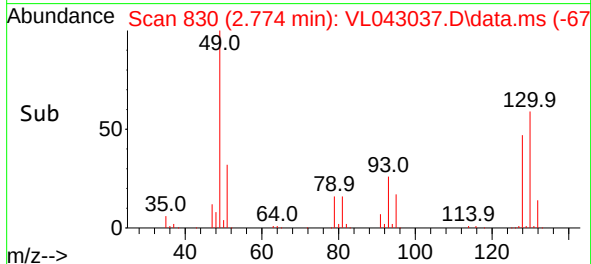
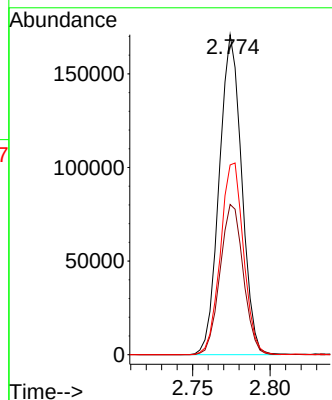
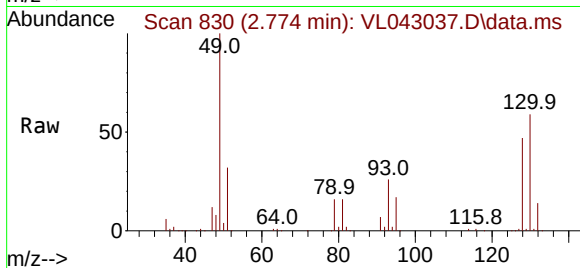
Tgt Ion: 49 Resp: 172214

Ion Ratio Lower Upper

49 100

128 48.6 24.1 72.2

130 61.9 31.4 94.3



#2

Dichlorodifluoromethane

Concen: 0.037 ppbv

RT: 1.492 min Scan# 434

Delta R.T. -0.003 min

Lab File: VL043037.D

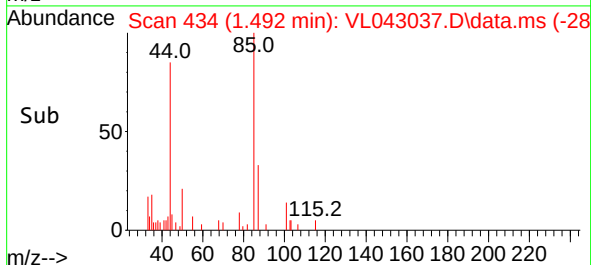
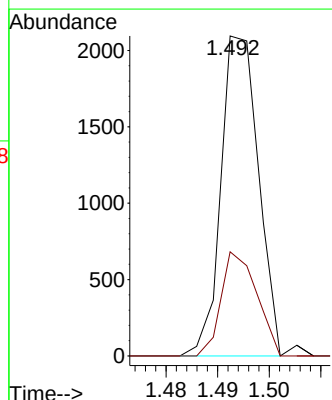
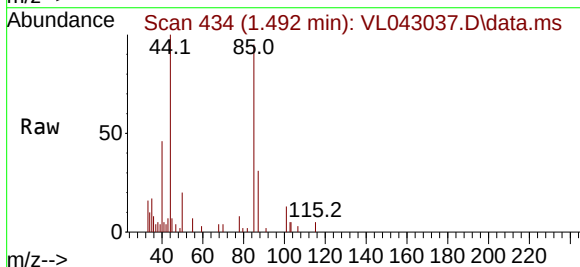
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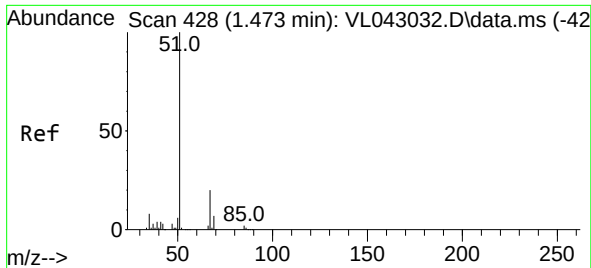
Tgt Ion: 85 Resp: 1061

Ion Ratio Lower Upper

85 100

87 32.6 25.8 38.6

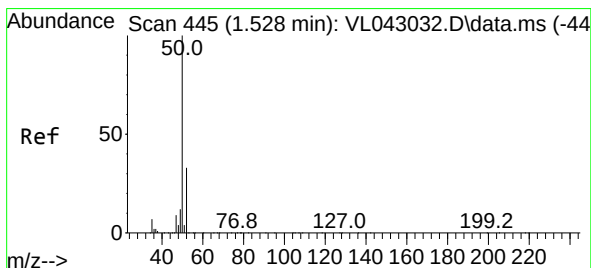
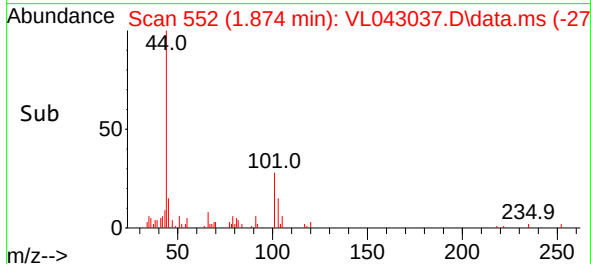
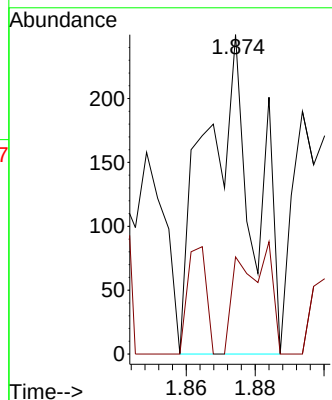
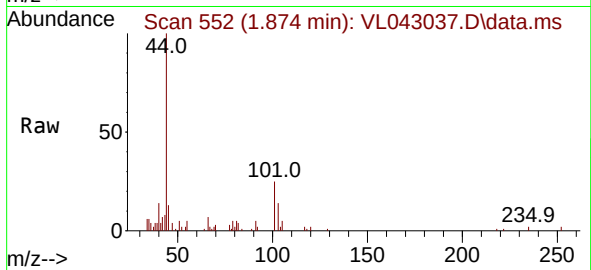




#3
Chlorodifluoromethane
Concen: 0.009 ppbv
RT: 1.874 min Scan# 51
Delta R.T. 0.401 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

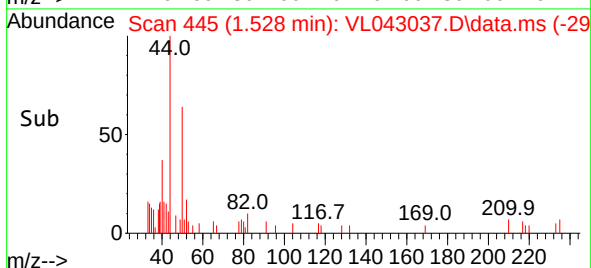
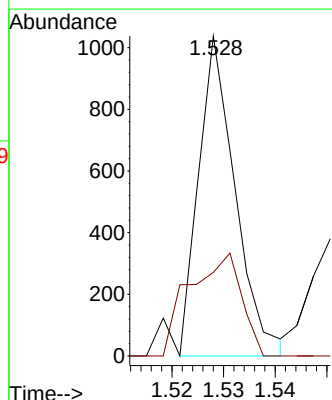
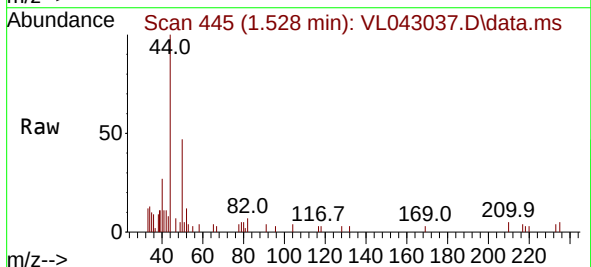
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

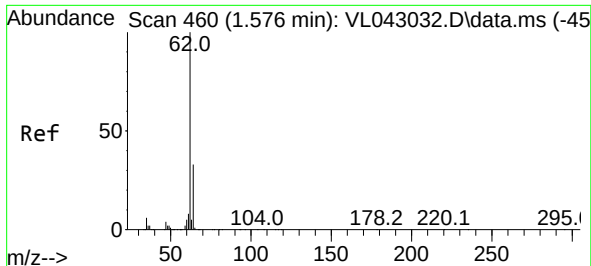
Tgt Ion: 51 Resp: 245
Ion Ratio Lower Upper
51 100
67 22.4 15.1 22.7



#4
Chloromethane
Concen: 0.048 ppbv
RT: 1.528 min Scan# 445
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 50 Resp: 512
Ion Ratio Lower Upper
50 100
52 26.1 26.2 39.2#

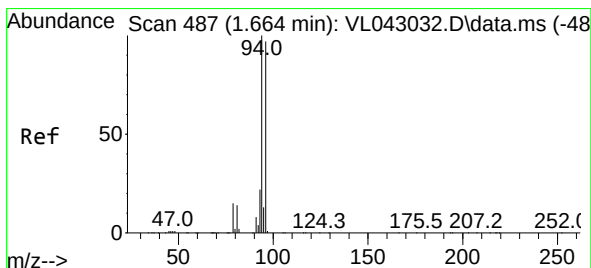
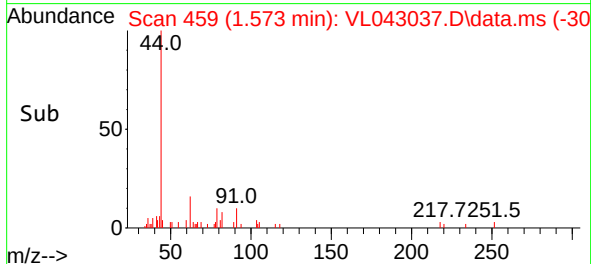
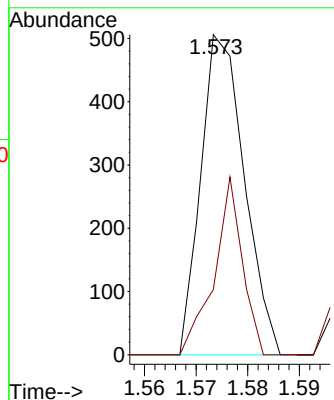
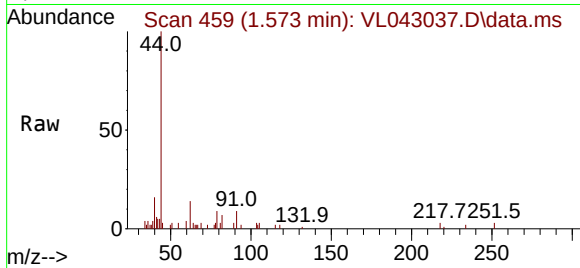




#5
 Vinyl Chloride
 Concen: 0.029 ppbv
 RT: 1.573 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

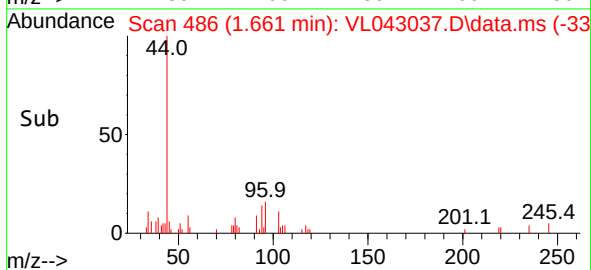
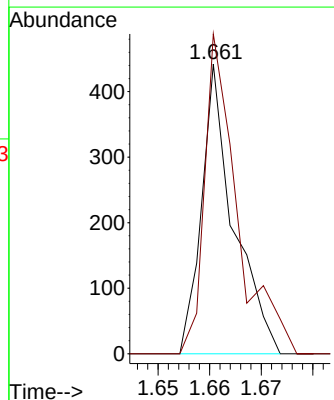
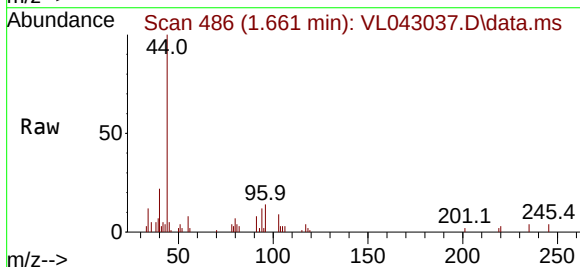
Instrument :
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 ClientSampleId :
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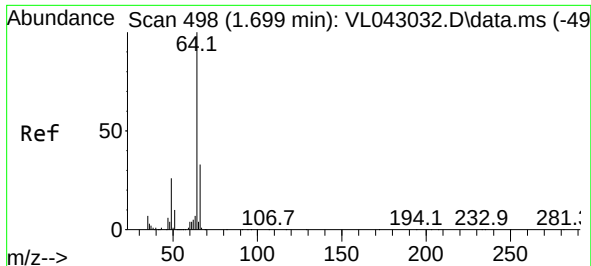
Tgt Ion: 62 Resp: 296
 Ion Ratio Lower Upper
 62 100
 64 20.4 26.2 39.2#



#6
 Bromomethane
 Concen: 0.042 ppbv
 RT: 1.661 min Scan# 486
 Delta R.T. -0.003 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

Tgt Ion: 94 Resp: 191
 Ion Ratio Lower Upper
 94 100
 96 110.4 77.6 116.4

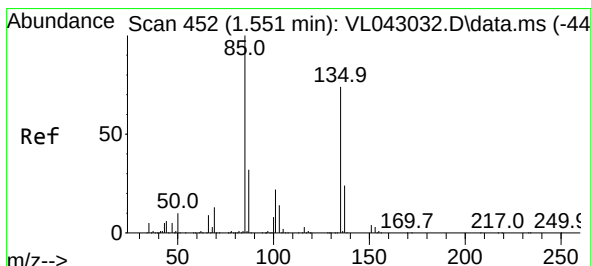
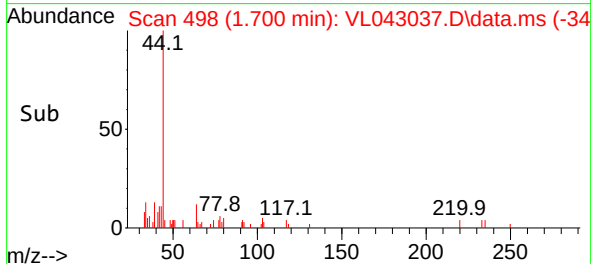
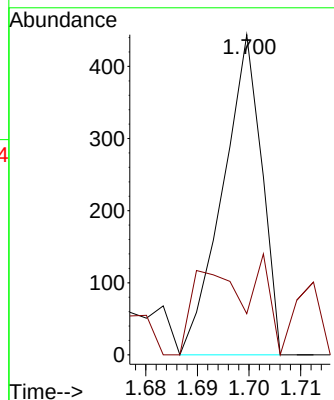
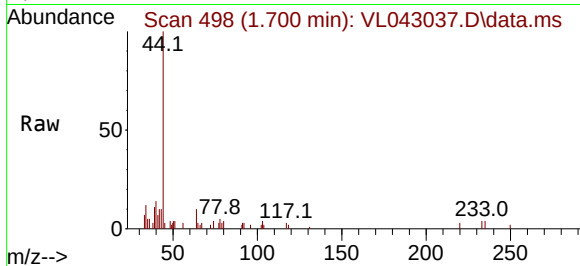




#7
Chloroethane
Concen: 0.055 ppbv
RT: 1.700 min Scan# 498
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

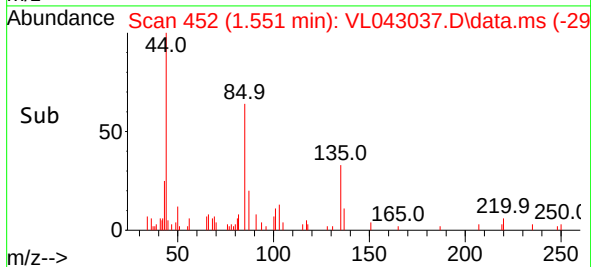
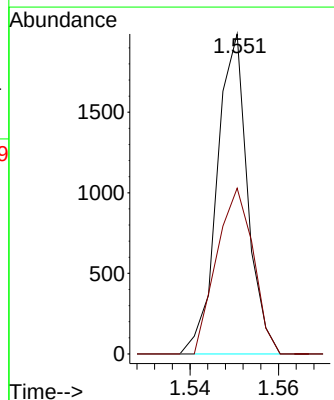
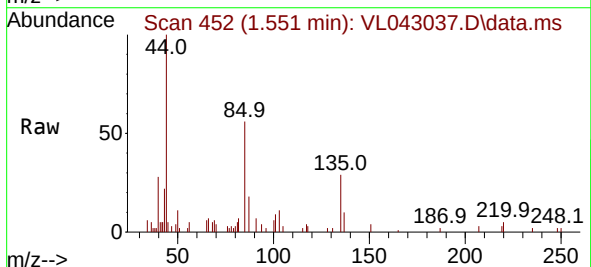
Instrument :
MSVOA_L
ClientSampleId :
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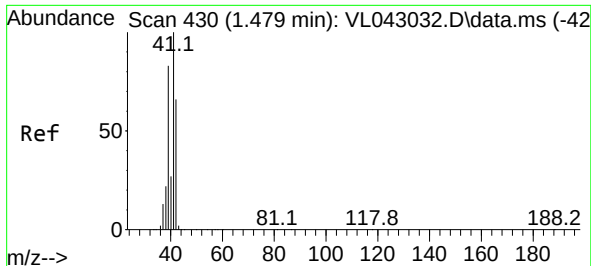
Tgt Ion: 64 Resp: 233
Ion Ratio Lower Upper
64 100
66 12.8 26.6 39.8#



#8
Dichlorotetrafluoroethane
Concen: 0.040 ppbv
RT: 1.551 min Scan# 452
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 85 Resp: 949
Ion Ratio Lower Upper
85 100
135 62.5 56.3 84.5





#9

Propene

Concen: 0.056 ppbv

RT: 1.479 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

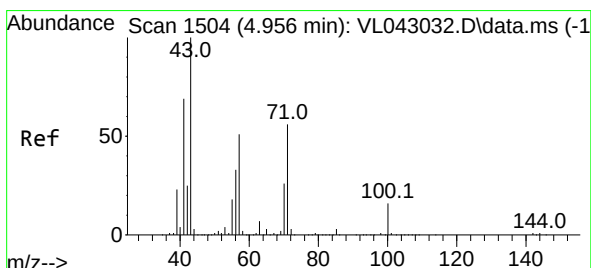
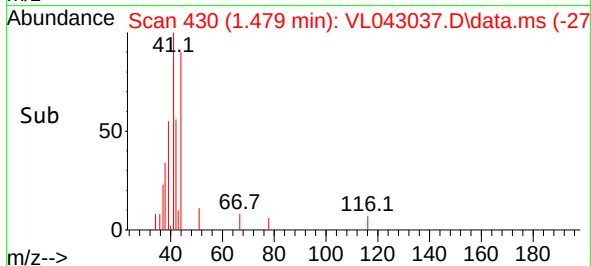
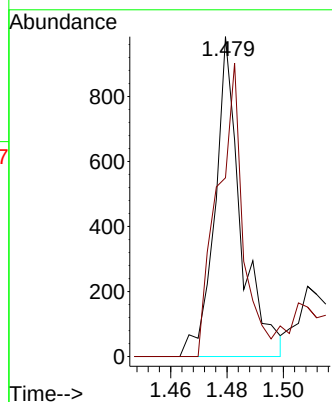
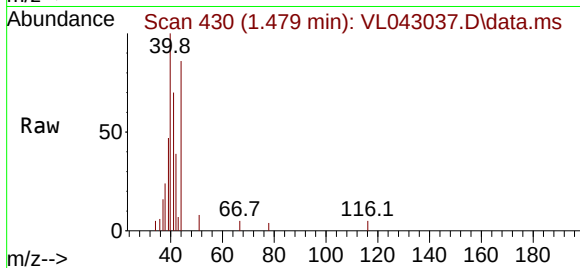
VSTDICC0.03

Tgt Ion: 41 Resp: 630

Ion Ratio Lower Upper

41 100

42 112.2 53.3 79.9#



#10

Heptane

Concen: 0.016 ppbv

RT: 4.959 min Scan# 1505

Delta R.T. 0.003 min

Lab File: VL043037.D

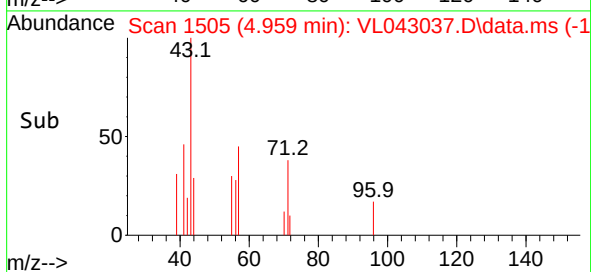
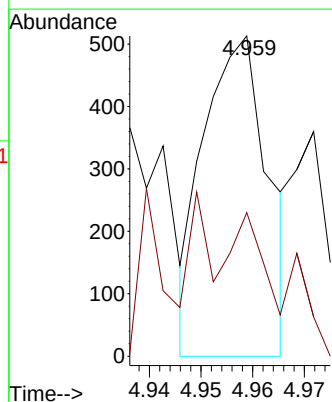
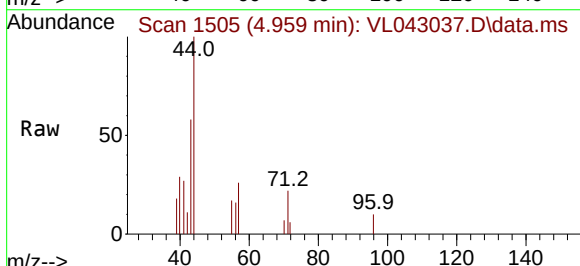
Acq: 02 Oct 2025 13:07

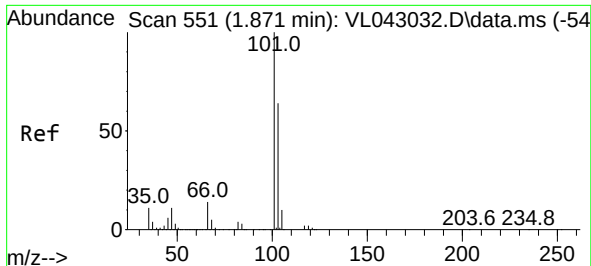
Tgt Ion: 43 Resp: 443

Ion Ratio Lower Upper

43 100

57 0.0 40.3 60.5#

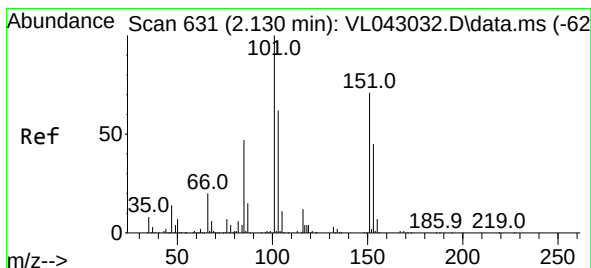
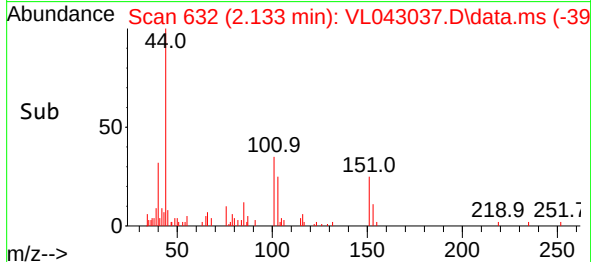
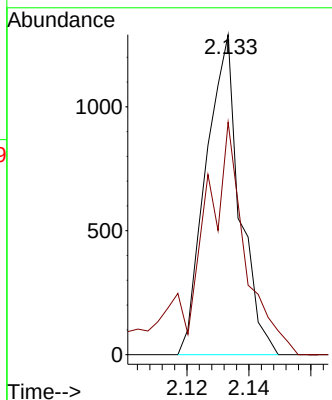
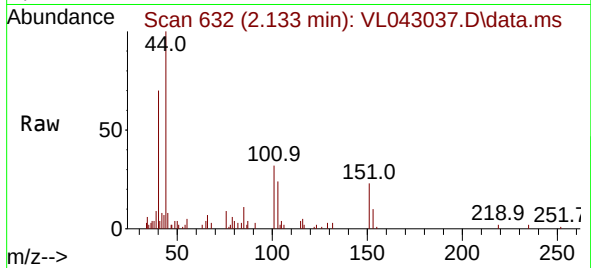




#11
 Trichlorofluoromethane
 Concen: 0.033 ppbv
 RT: 2.133 min Scan# 611
 Delta R.T. 0.262 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

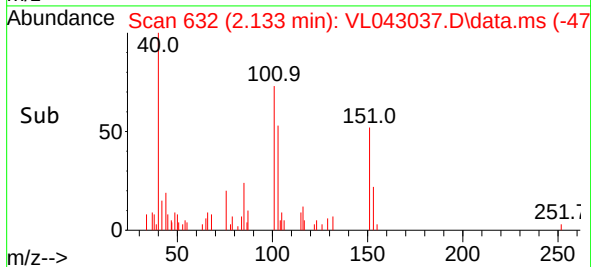
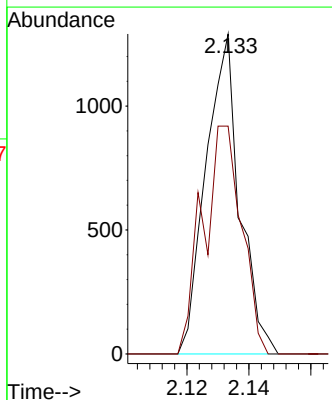
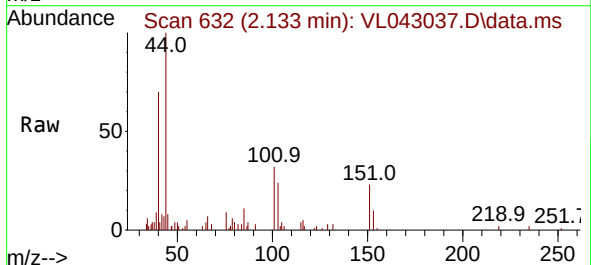
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

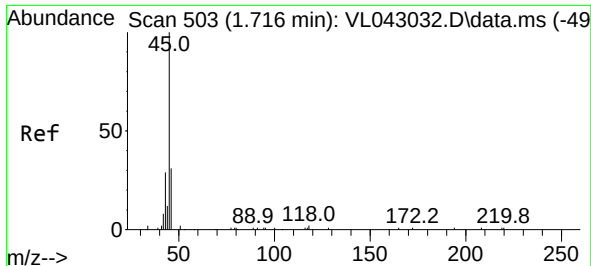
Tgt Ion:101 Resp: 978
 Ion Ratio Lower Upper
 101 100
 103 57.9 51.1 76.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.042 ppbv
 RT: 2.133 min Scan# 632
 Delta R.T. 0.003 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

Tgt Ion:101 Resp: 978
 Ion Ratio Lower Upper
 101 100
 151 81.7 58.1 87.1

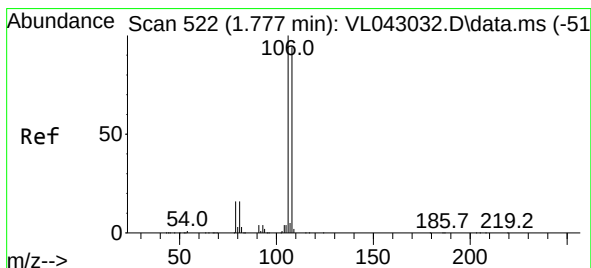
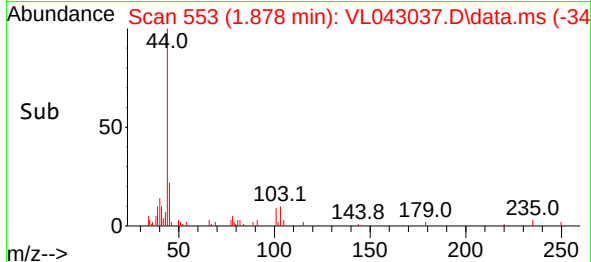
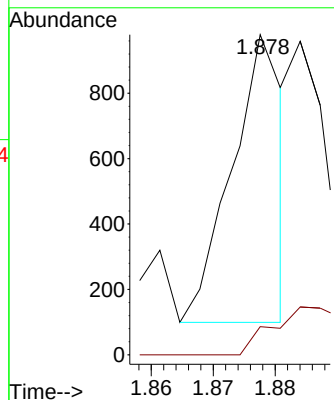
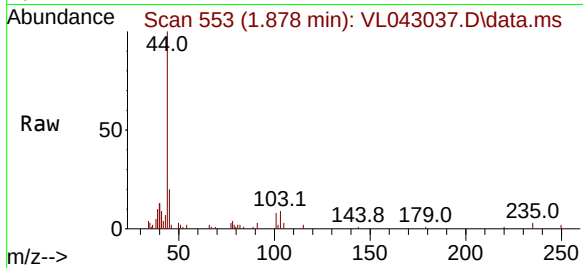




#13
Ethanol
Concen: Below Cal
RT: 1.878 min Scan# 51
Delta R.T. 0.162 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

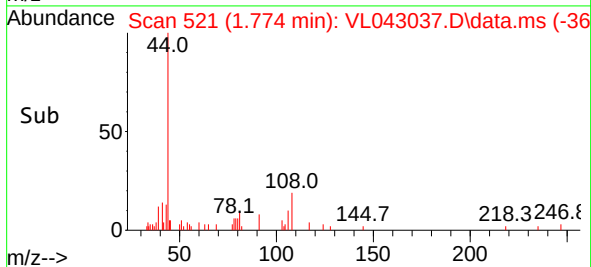
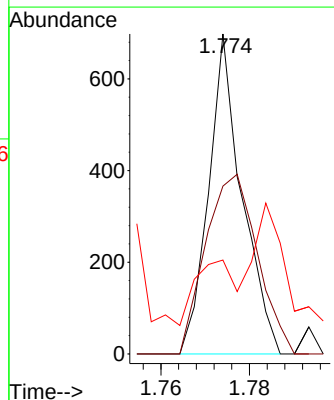
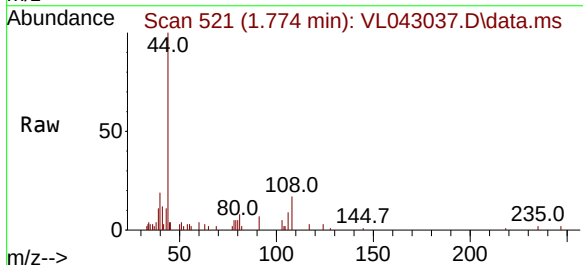
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

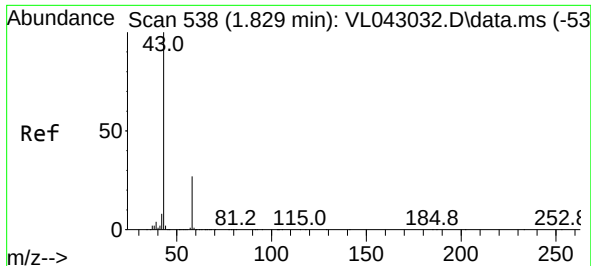
Tgt Ion: 45 Resp: 506
Ion Ratio Lower Upper
45 100
46 0.0 17.8 71.4#



#14
Bromoethene
Concen: 0.043 ppbv
RT: 1.774 min Scan# 521
Delta R.T. -0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion:108 Resp: 365
Ion Ratio Lower Upper
108 100
106 87.1 85.2 127.8
79 105.2 14.8 22.2#

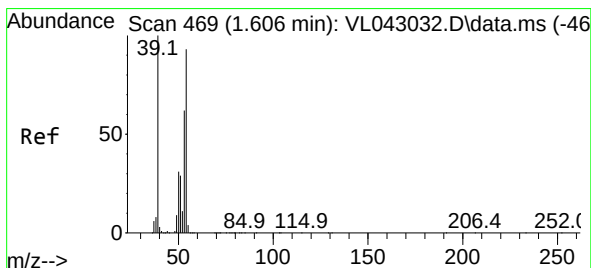
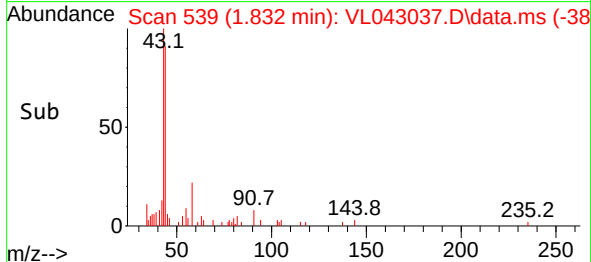
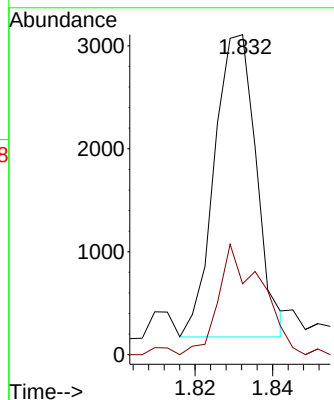
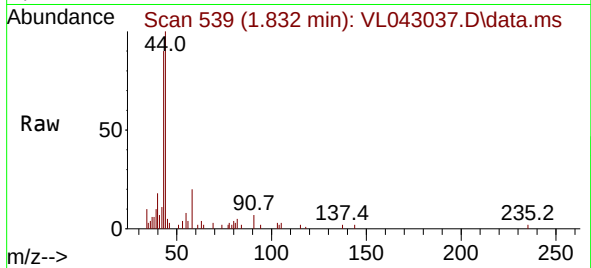




#15
Acetone
Concen: 0.092 ppbv
RT: 1.832 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

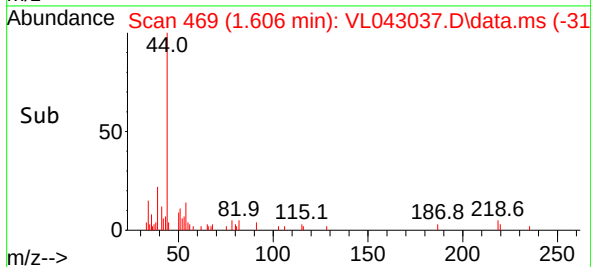
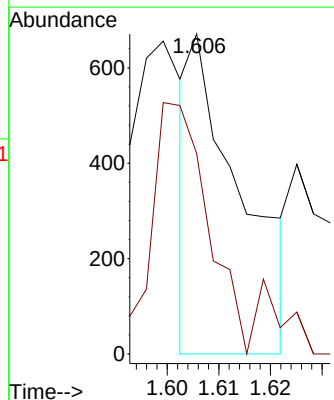
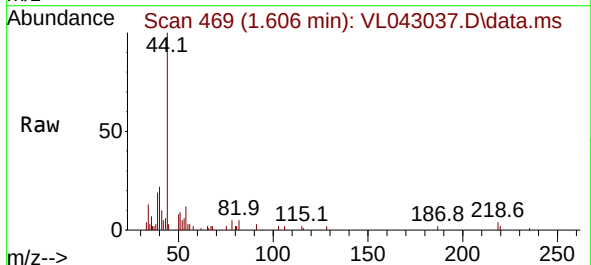
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.03

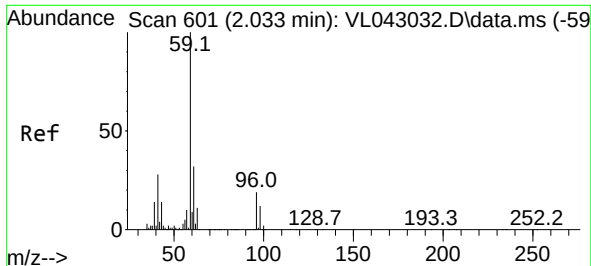
Tgt Ion: 43 Resp: 2209
Ion Ratio Lower Upper
43 100
58 38.9 22.2 33.4#



#16
1,3-Butadiene
Concen: 0.046 ppbv
RT: 1.606 min Scan# 469
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 39 Resp: 462
Ion Ratio Lower Upper
39 100
54 0.0 61.4 92.2#





#17

tert-Butyl alcohol

Concen: 0.044 ppbv

RT: 2.036 min Scan# 601

Delta R.T. 0.003 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

Instrument :

MSVOA_1

ClientSampleId :

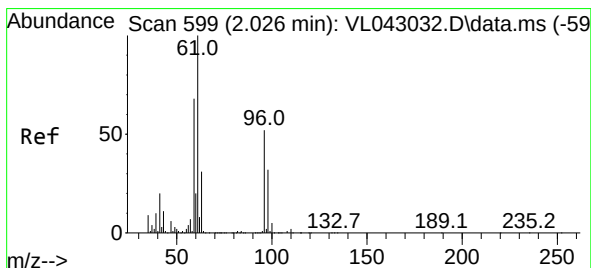
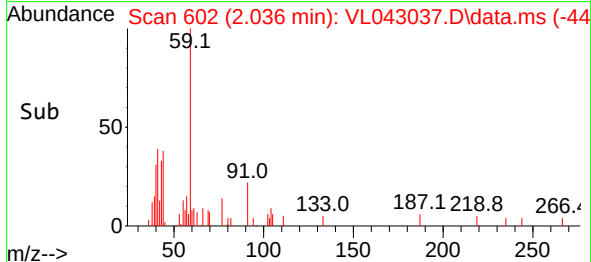
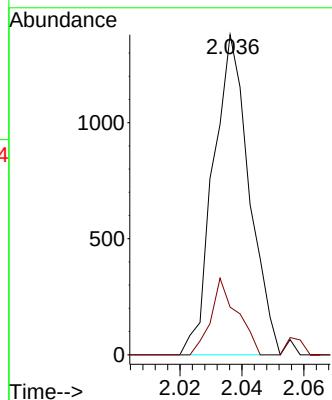
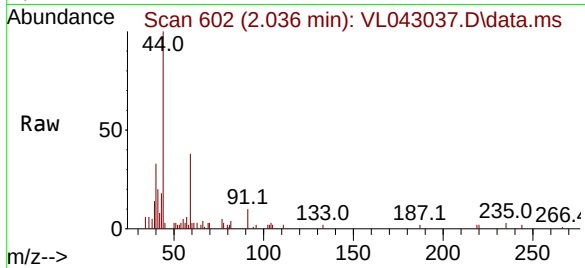
VSTDIC0.03

Tgt Ion: 59 Resp: 1112

Ion Ratio Lower Upper

59 100

57 20.0 8.5 12.7#



#18

1,1-Dichloroethene

Concen: 0.066 ppbv

RT: 2.327 min Scan# 692

Delta R.T. 0.301 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

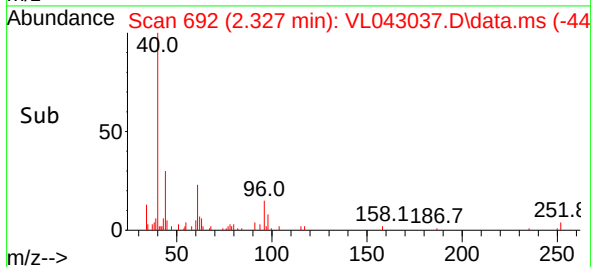
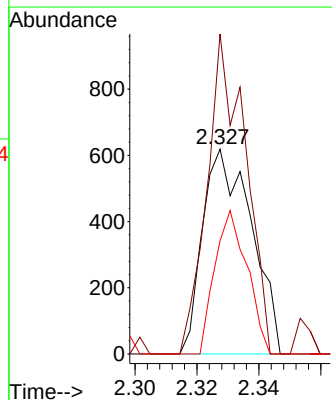
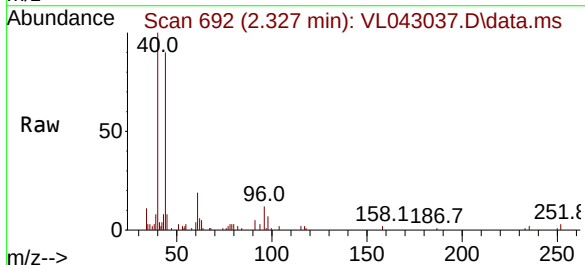
Tgt Ion: 96 Resp: 678

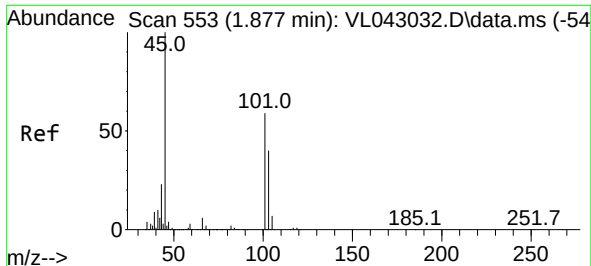
Ion Ratio Lower Upper

96 100

61 156.2 153.0 229.6

98 55.3 48.8 73.2

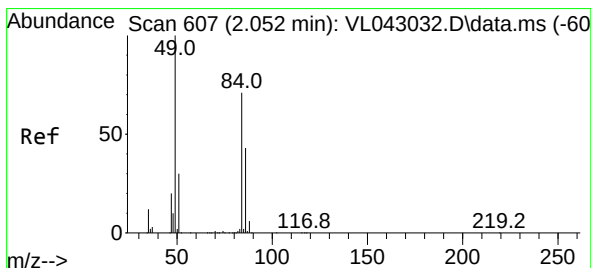
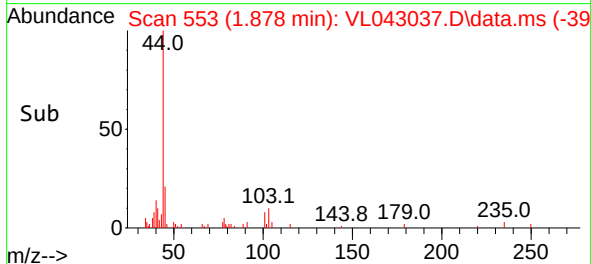
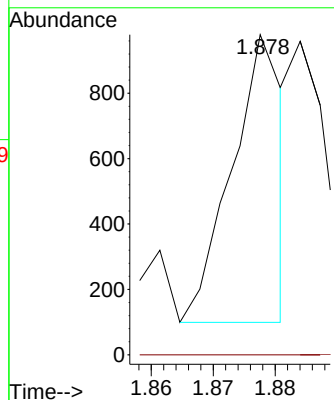
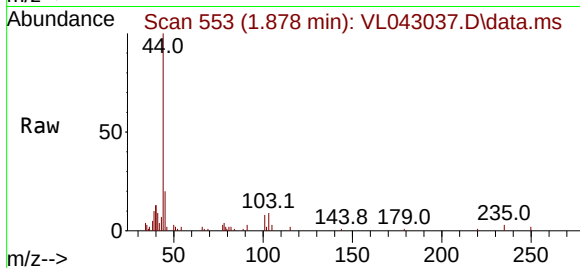




#19
Isopropyl Alcohol
Concen: 0.044 ppbv
RT: 1.878 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

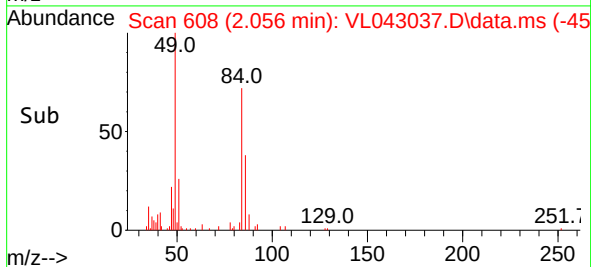
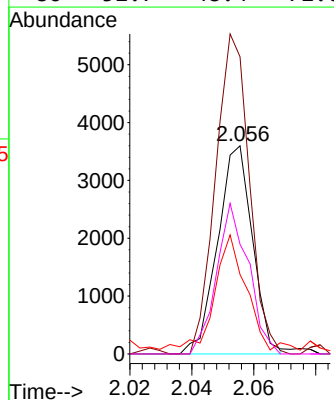
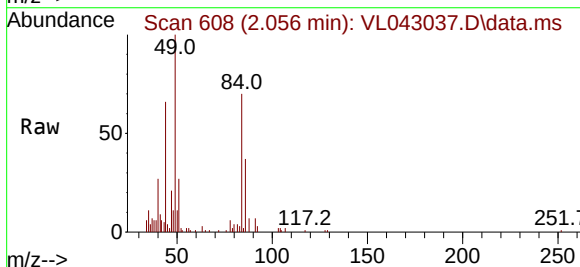
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

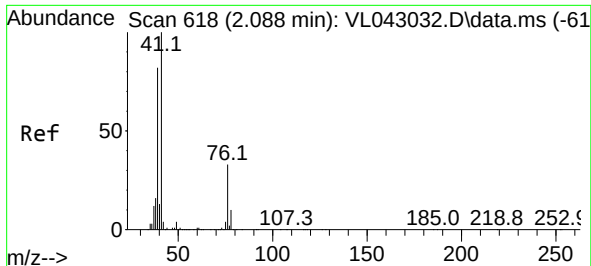
Tgt Ion: 45 Resp: 506
Ion Ratio Lower Upper
45 100
58 8.3 42.3 63.5#



#20
Methylene Chloride
Concen: 0.266 ppbv
RT: 2.056 min Scan# 608
Delta R.T. 0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 84 Resp: 2803
Ion Ratio Lower Upper
84 100
49 142.7 112.5 168.7
51 34.7 34.2 51.2
86 52.7 48.4 72.6

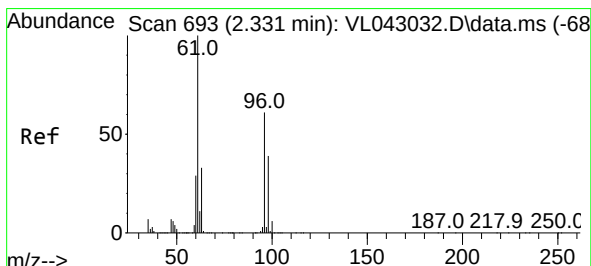
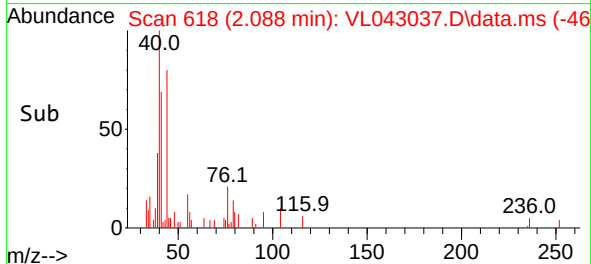
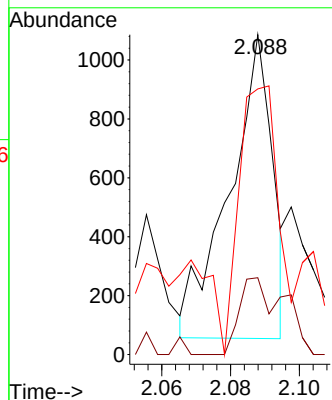
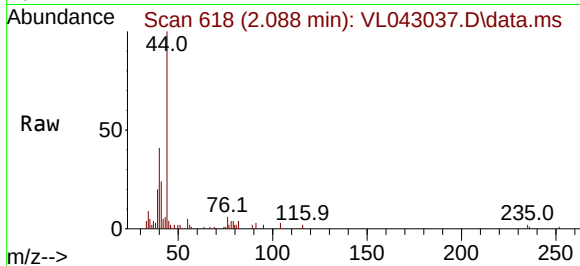




#21
 Allyl Chloride
 Concen: 0.058 ppbv
 RT: 2.088 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

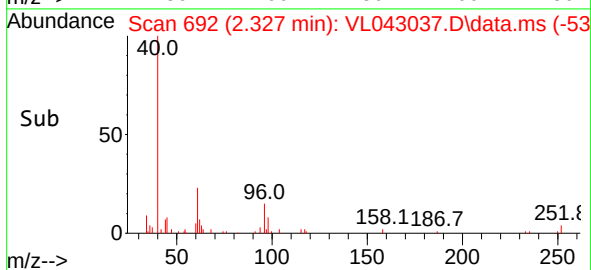
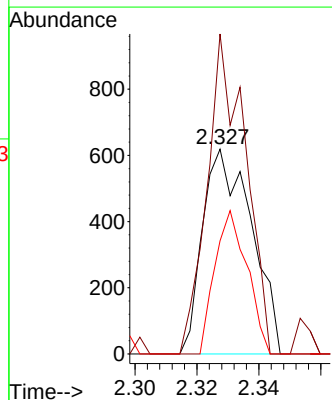
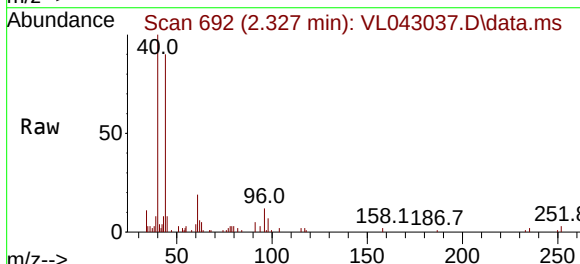
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

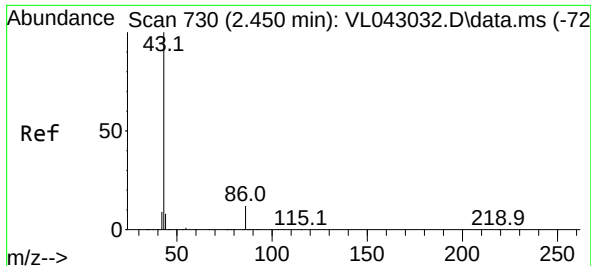
Tgt Ion: 41	Resp:	900
Ion	Ratio	Lower Upper
41	100	
76	31.7	25.9 38.9
39	100.0	63.0 94.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.058 ppbv
 RT: 2.327 min Scan# 692
 Delta R.T. -0.003 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

Tgt Ion: 96	Resp:	678
Ion	Ratio	Lower Upper
96	100	
61	156.2	131.9 197.9
98	55.3	52.1 78.1

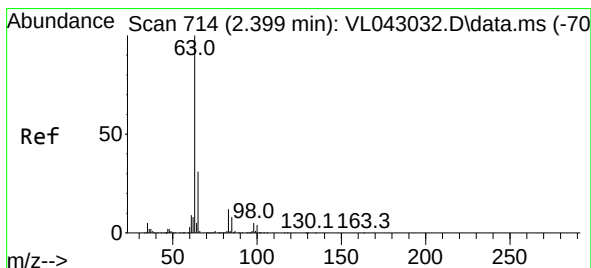
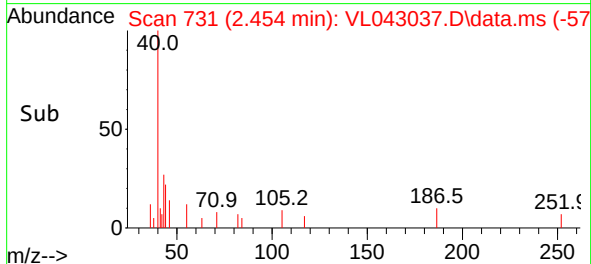
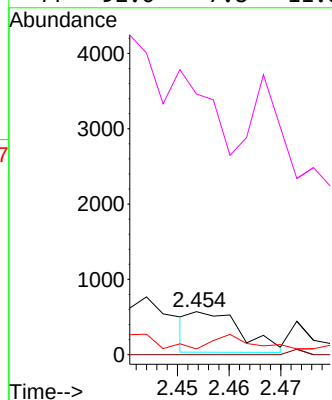
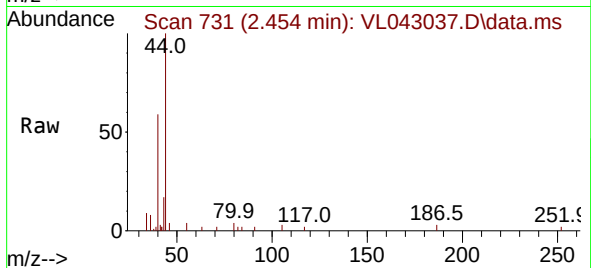




#23
 Vinyl Acetate
 Concen: 0.073 ppbv
 RT: 2.454 min Scan# 714
 Delta R.T. 0.003 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

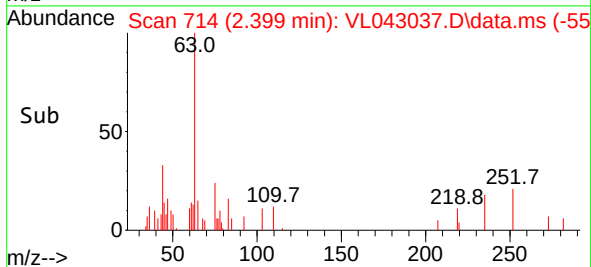
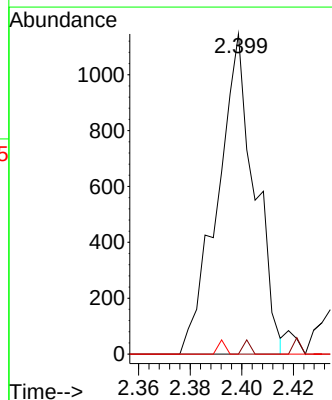
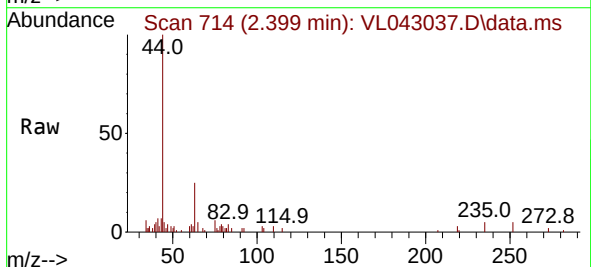
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

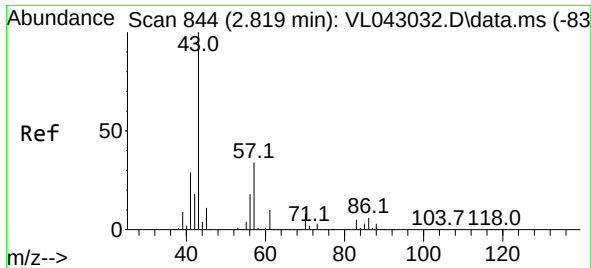
Tgt Ion:	43	Resp:	375
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.5	11.3#
42	0.0	8.4	12.6#
44	92.0	7.8	11.8#



#24
 1,1-Dichloroethane
 Concen: 0.052 ppbv
 RT: 2.399 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

Tgt Ion:	63	Resp:	1145
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.5	7.4#
100	0.0	1.8	5.4#

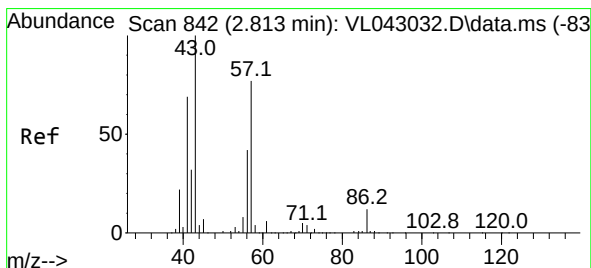
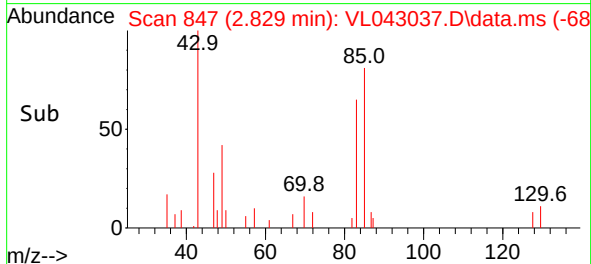
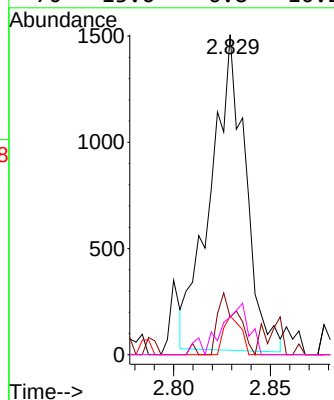
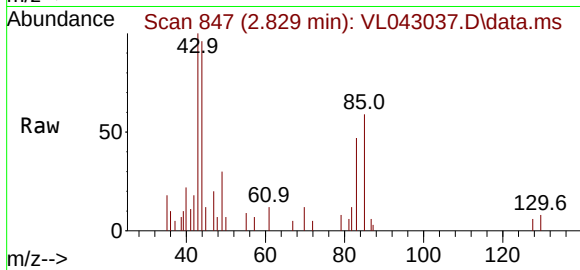




#25
Ethyl Acetate
Concen: 0.031 ppbv
RT: 2.829 min Scan# 844
Delta R.T. 0.010 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

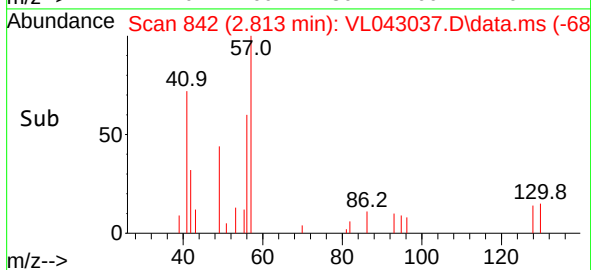
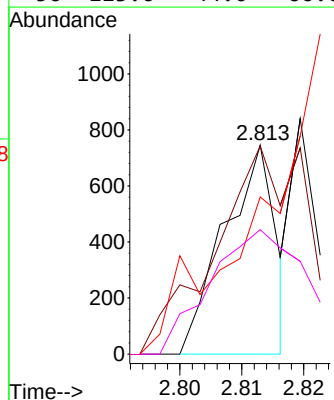
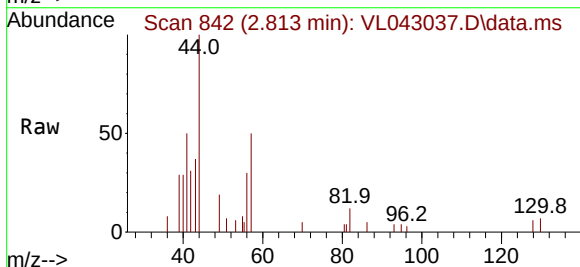
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

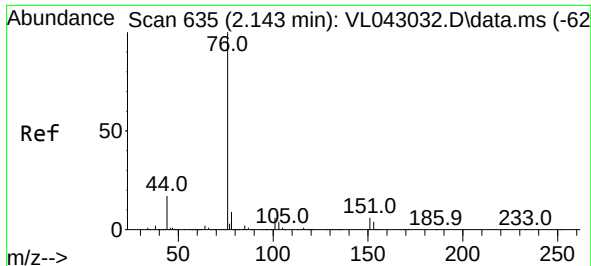
Tgt Ion: 43	Resp: 1850
Ion Ratio	Lower Upper
43 100	
45 17.6	8.3 12.5#
61 6.1	7.5 11.3#
70 13.6	6.8 10.2#



#26
Hexane
Concen: 0.019 ppbv
RT: 2.813 min Scan# 842
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 57	Resp: 434
Ion Ratio	Lower Upper
57 100	
41 220.3	76.1 114.1#
43 0.0	201.4 302.0#
56 113.6	44.0 66.0#

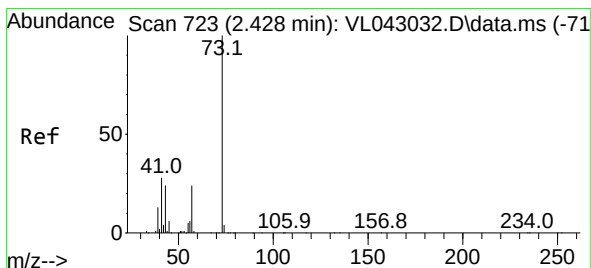
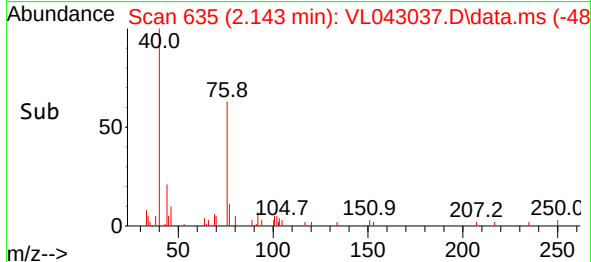
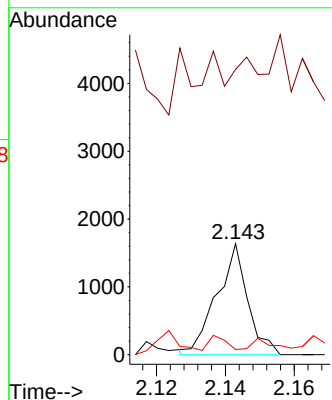
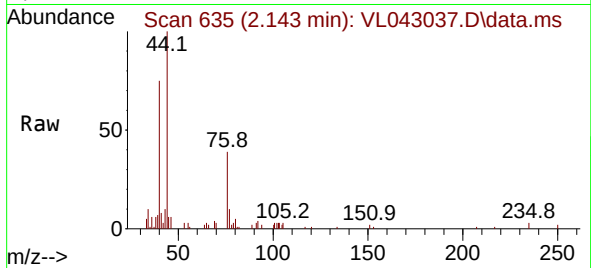




#27
Carbon Disulfide
Concen: 0.037 ppbv
RT: 2.143 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

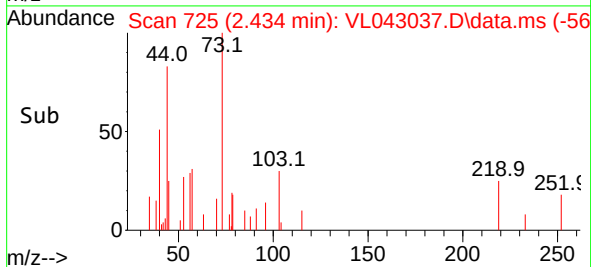
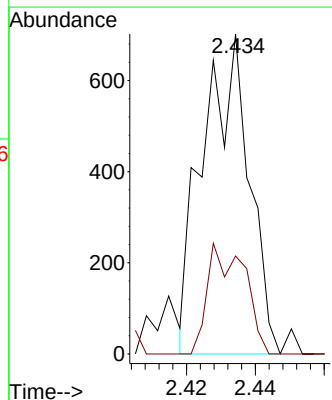
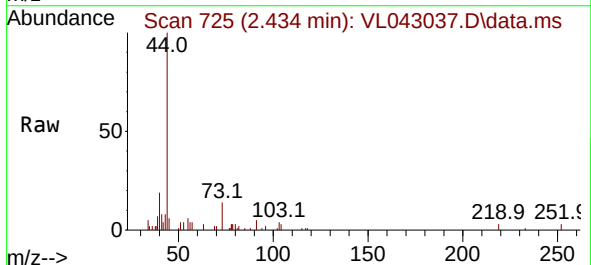
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

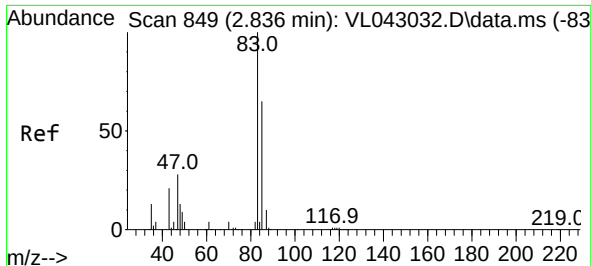
Tgt Ion: 76 Resp: 1019
Ion Ratio Lower Upper
76 100
44 430.8 14.0 21.0#
78 0.0 9.4 14.0#



#28
Methyl tert-Butyl Ether
Concen: 0.045 ppbv
RT: 2.434 min Scan# 725
Delta R.T. 0.007 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 73 Resp: 654
Ion Ratio Lower Upper
73 100
57 29.2 17.8 26.8#





#29

Chloroform

Concen: 0.038 ppbv

RT: 2.839 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

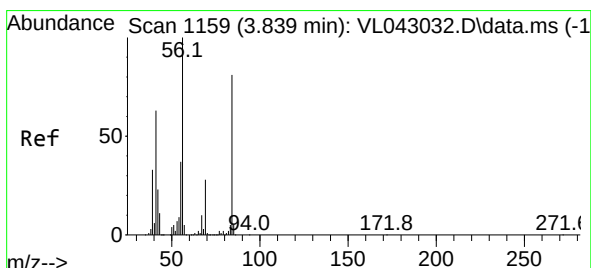
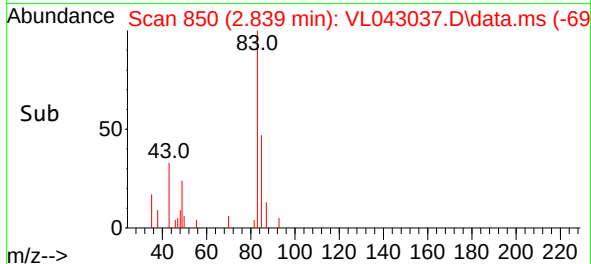
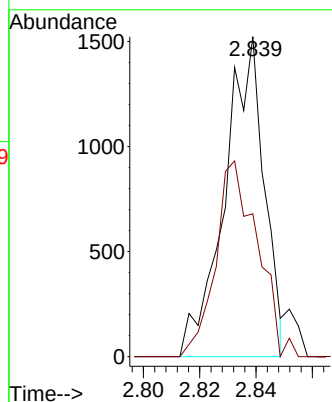
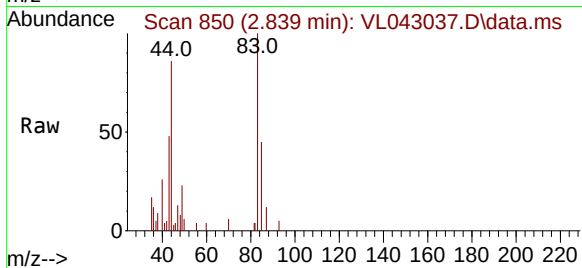
VSTDICC0.03

Tgt Ion: 83 Resp: 1489

Ion Ratio Lower Upper

83 100

85 44.6 52.0 78.0#



#30

Cyclohexane

Concen: 0.007 ppbv

RT: 3.842 min Scan# 1160

Delta R.T. 0.003 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

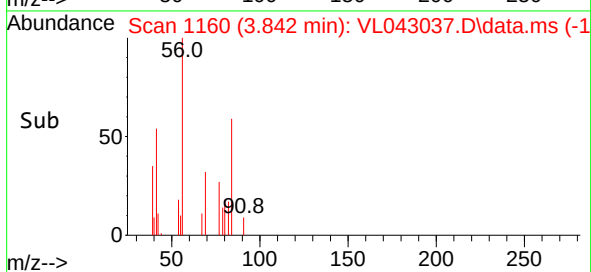
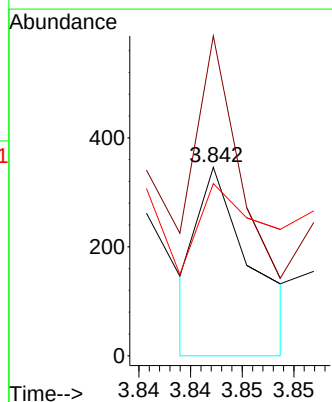
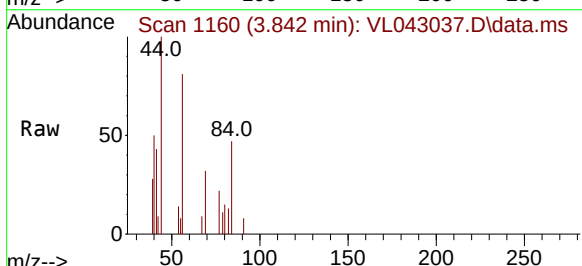
Tgt Ion: 84 Resp: 125

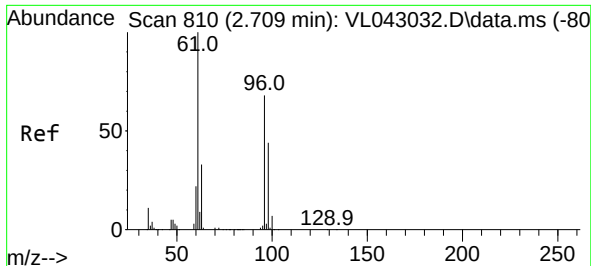
Ion Ratio Lower Upper

84 100

56 531.2 99.9 149.9#

41 452.8 64.2 96.4#

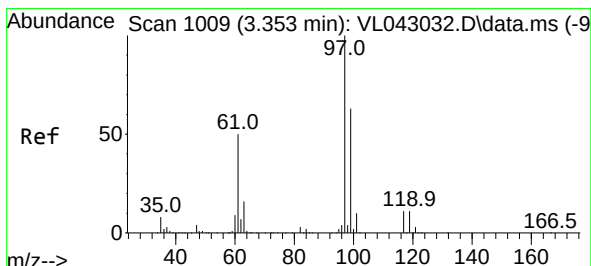
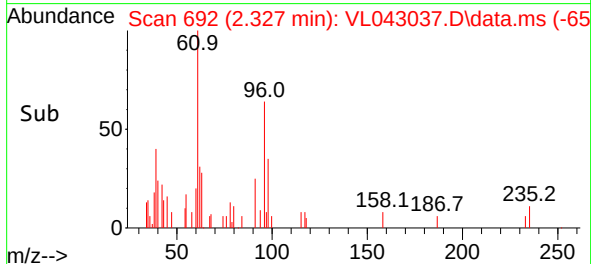
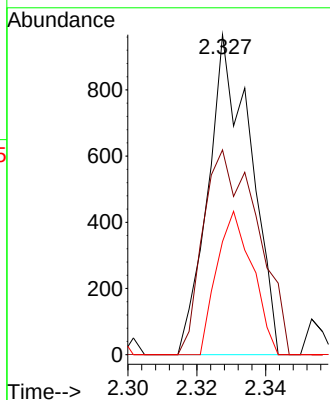
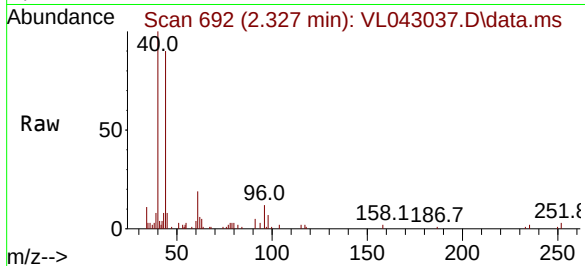




#31
 cis-1,2-Dichloroethene
 Concen: 0.035 ppbv
 RT: 2.327 min Scan# 61
 Delta R.T. -0.382 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

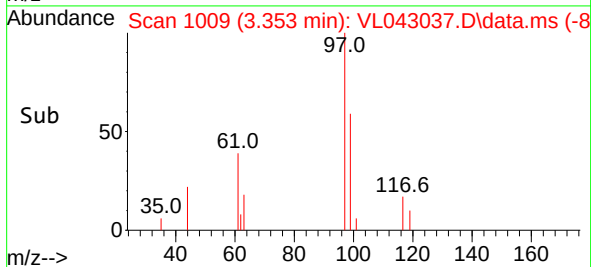
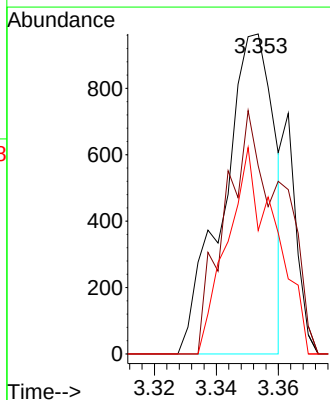
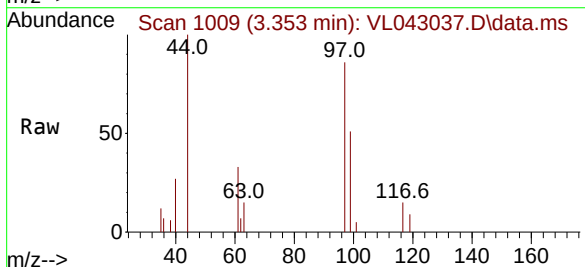
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

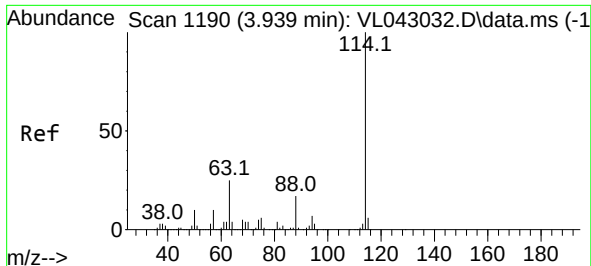
Tgt Ion:	61	Resp:	830
Ion	Ratio	Lower	Upper
61	100		
96	64.0	54.6	82.0
98	35.4	34.8	52.2



#32
 1,1,1-Trichloroethane
 Concen: 0.029 ppbv
 RT: 3.353 min Scan# 1009
 Delta R.T. 0.000 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

Tgt Ion:	97	Resp:	1104
Ion	Ratio	Lower	Upper
97	100		
99	84.1	51.2	76.8#
61	60.7	40.1	60.1#

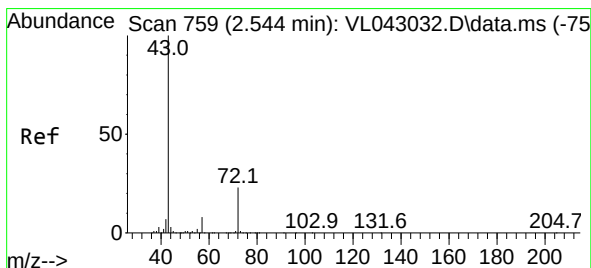
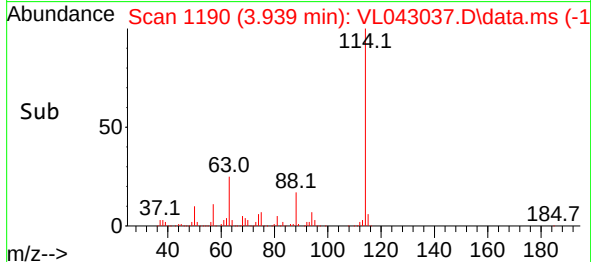
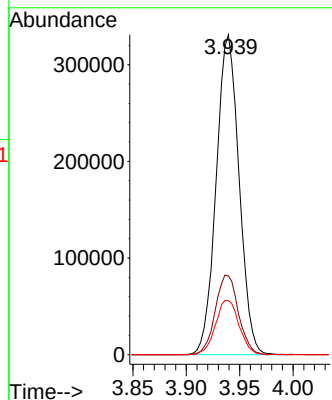
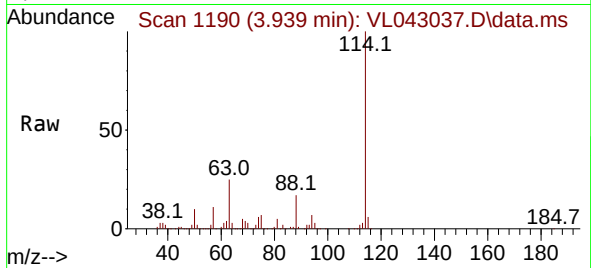




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.939 min Scan# 1190
 Delta R.T. 0.000 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

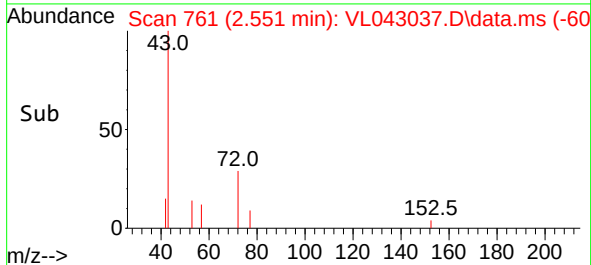
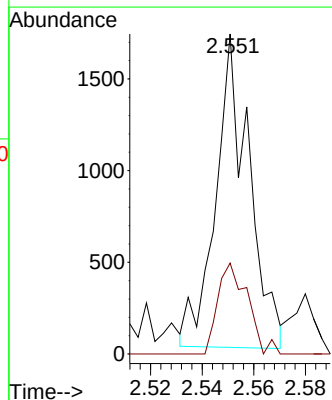
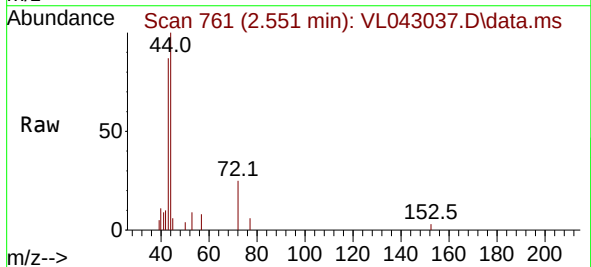
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

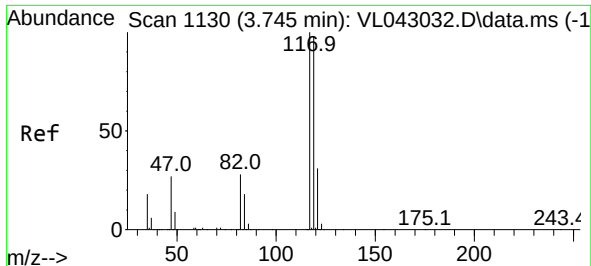
Tgt Ion:114 Resp: 493591
 Ion Ratio Lower Upper
 114 100
 63 25.3 19.4 29.2
 88 17.6 13.9 20.9



#34
 2-Butanone
 Concen: 0.046 ppbv
 RT: 2.551 min Scan# 761
 Delta R.T. 0.007 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

Tgt Ion: 43 Resp: 1532
 Ion Ratio Lower Upper
 43 100
 72 26.0 18.4 27.6

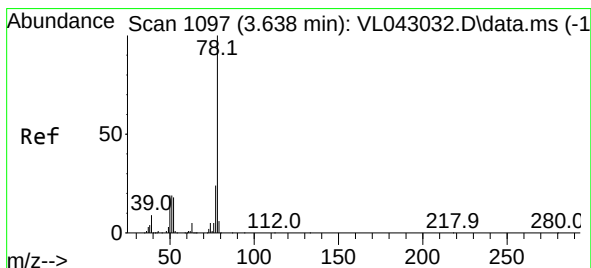
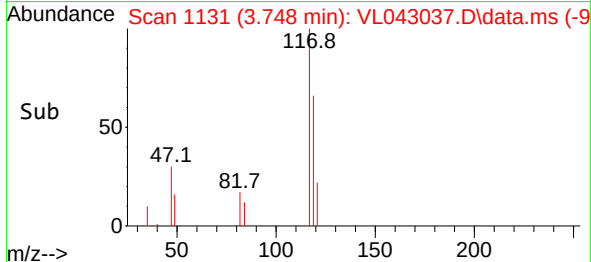
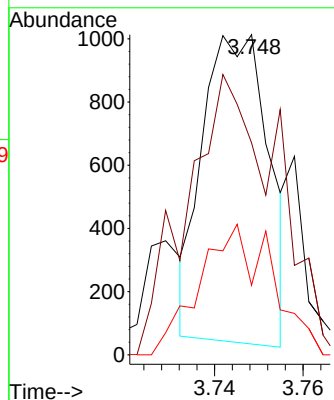
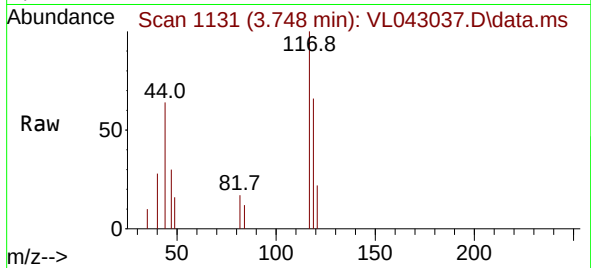




#35
Carbon Tetrachloride
Concen: 0.025 ppbv
RT: 3.748 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

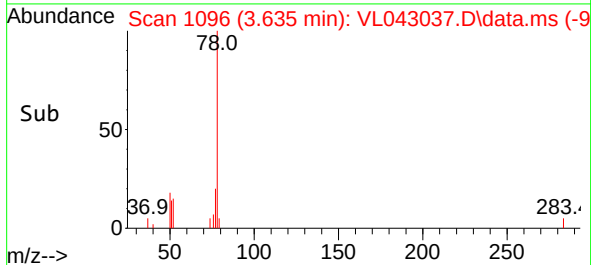
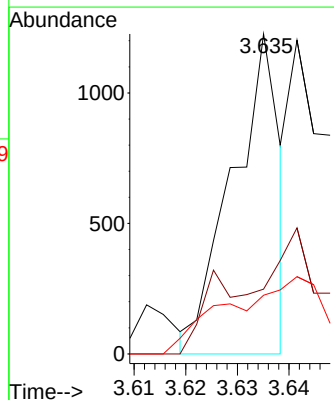
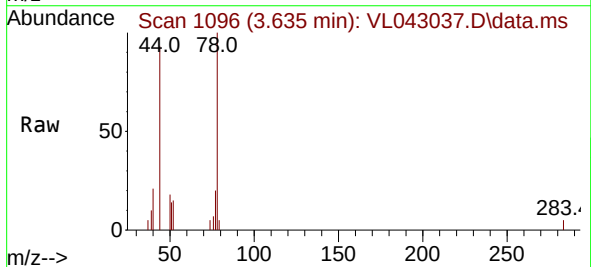
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

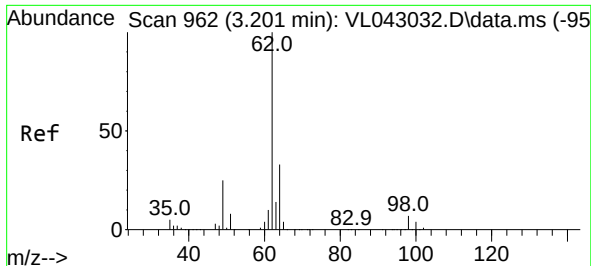
Tgt Ion:117 Resp: 1004
Ion Ratio Lower Upper
117 100
119 53.0 78.2 117.4#
121 11.1 24.8 37.2#



#36
Benzene
Concen: 0.017 ppbv
RT: 3.635 min Scan# 1096
Delta R.T. -0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 78 Resp: 780
Ion Ratio Lower Upper
78 100
77 21.7 19.2 28.8
50 14.5 14.9 22.3#

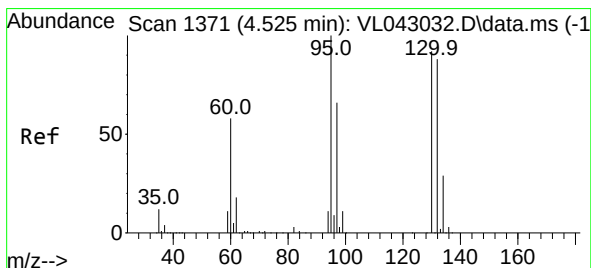
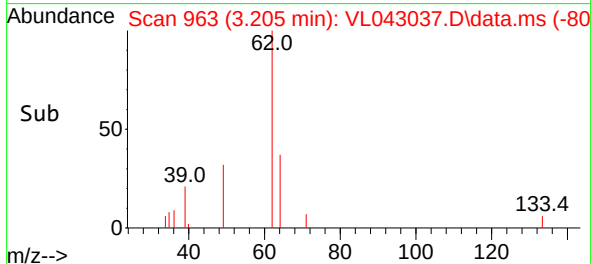
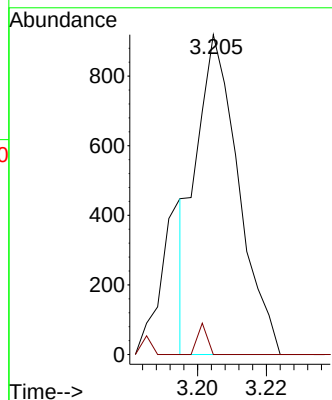
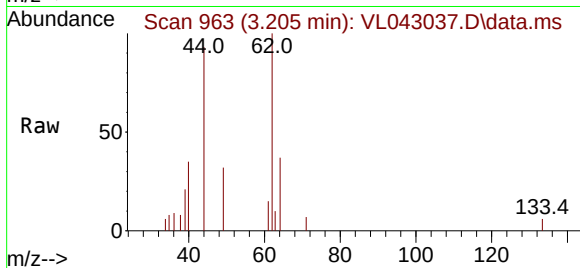




#37
1,2-Dichloroethane
Concen: 0.028 ppbv
RT: 3.205 min Scan# 963
Delta R.T. 0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

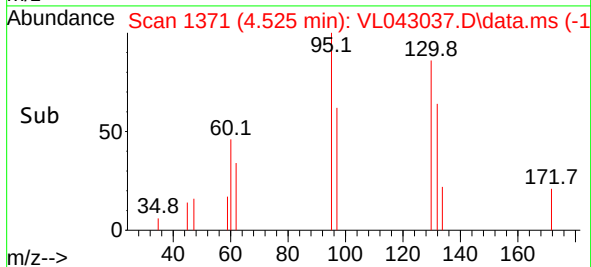
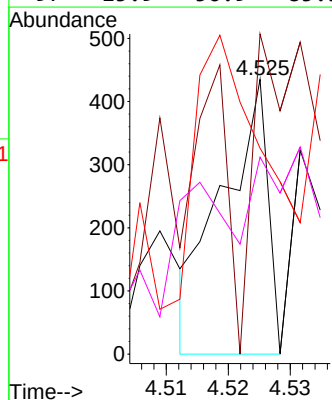
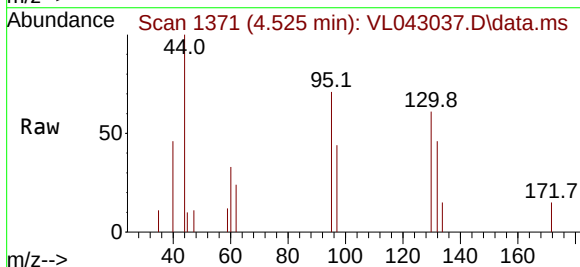
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

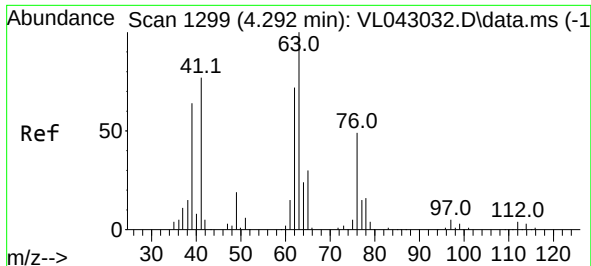
Tgt Ion: 62 Resp: 781
Ion Ratio Lower Upper
62 100
98 0.0 5.6 8.4#



#38
Trichloroethene
Concen: 0.011 ppbv
RT: 4.525 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion:130 Resp: 221
Ion Ratio Lower Upper
130 100
95 77.9 86.4 129.6#
132 54.9 75.7 113.5#
97 15.9 56.9 85.3#





#39

1,2-Dichloropropane

Concen: 7.115 ppbv

RT: 3.936 min Scan# 1189

Delta R.T. -0.356 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

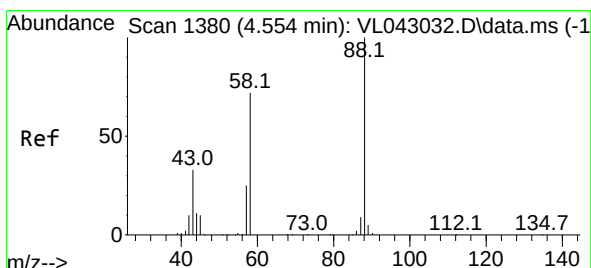
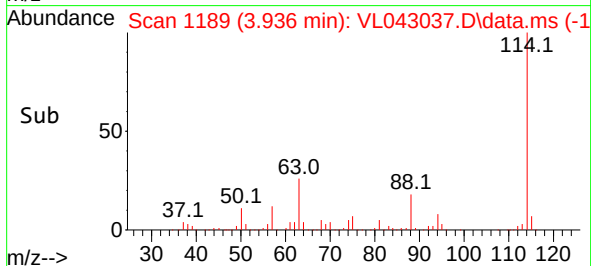
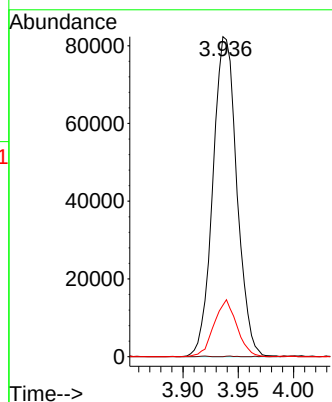
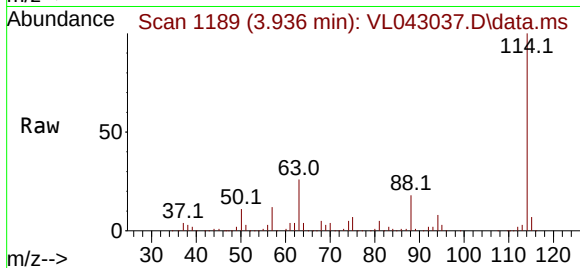
Tgt Ion: 63 Resp: 124375

Ion Ratio Lower Upper

63 100

41 0.0 61.6 92.4#

62 16.1 58.1 87.1#



#40

1,4-Dioxane

Concen: 0.010 ppbv

RT: 4.593 min Scan# 1392

Delta R.T. 0.039 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

Tgt Ion: 88 Resp: 73

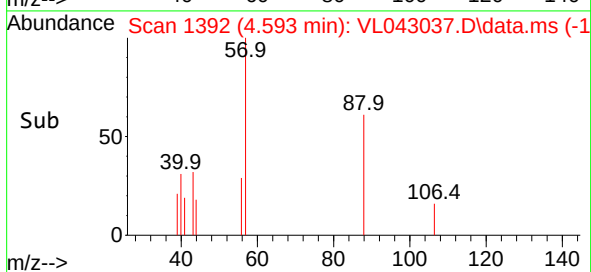
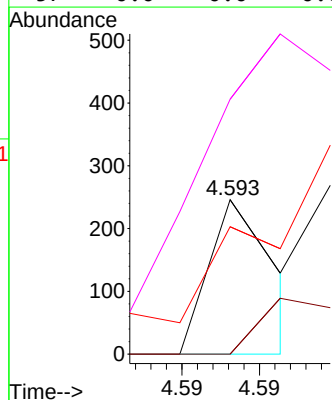
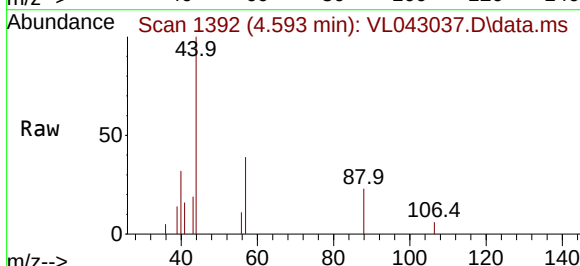
Ion Ratio Lower Upper

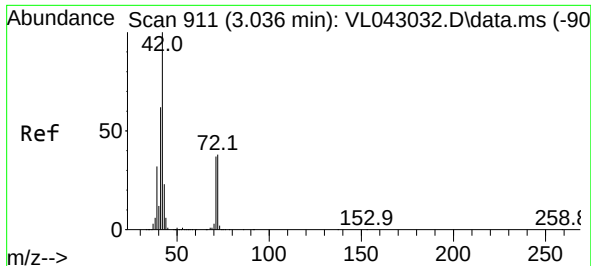
88 100

58 0.0 56.2 84.2#

43 30.1 25.7 38.5

57 0.0 0.0 0.0

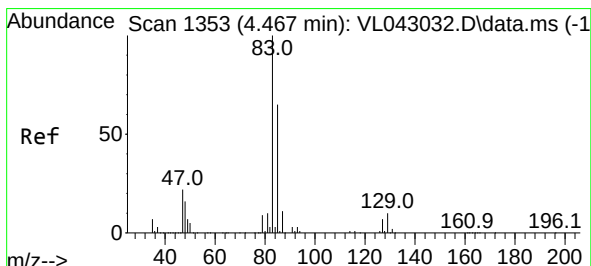
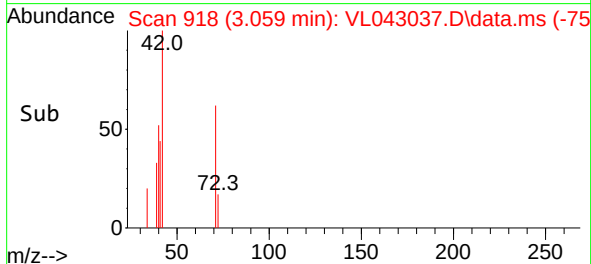
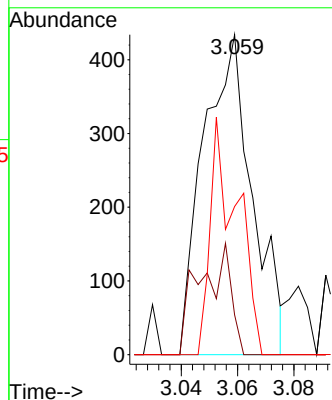
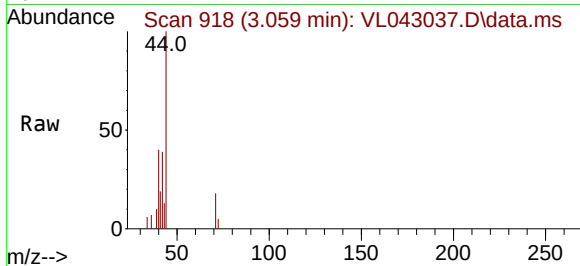




#41
Tetrahydrofuran
Concen: 0.030 ppbv
RT: 3.059 min Scan# 911
Delta R.T. 0.023 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

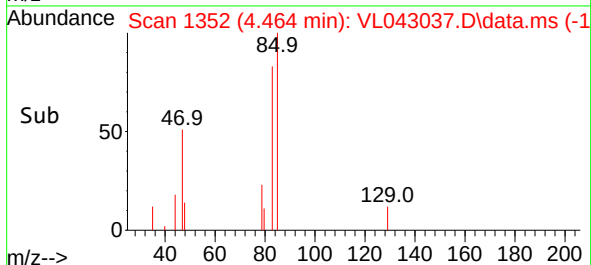
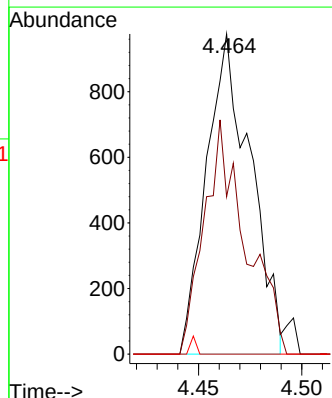
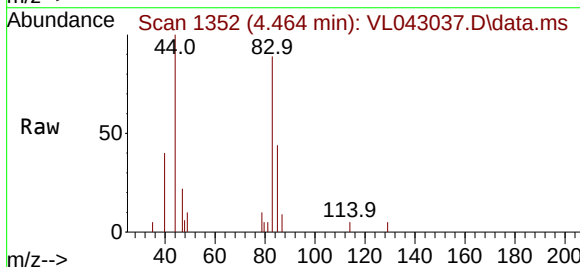
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

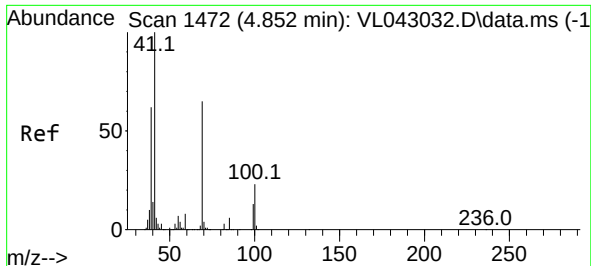
Tgt Ion:	42	Resp:	523
Ion	Ratio	Lower	Upper
42	100		
72	22.4	31.0	46.6#
71	40.7	29.8	44.6



#42
Bromodichloromethane
Concen: 0.037 ppbv
RT: 4.464 min Scan# 1352
Delta R.T. -0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion:	83	Resp:	1445
Ion	Ratio	Lower	Upper
83	100		
85	49.2	51.8	77.8#
127	0.0	5.9	8.9#

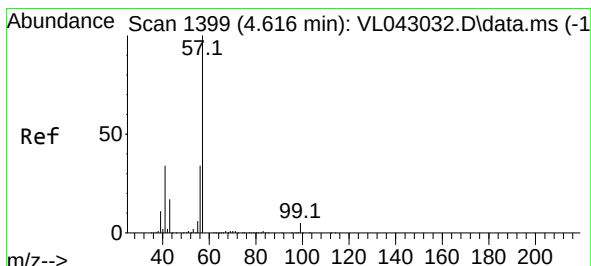
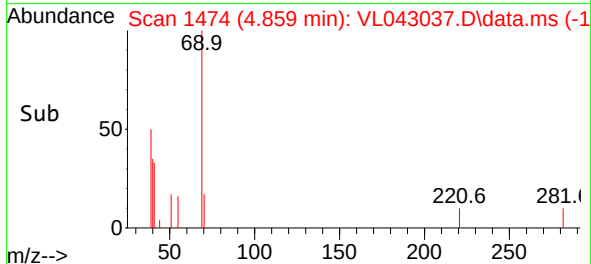
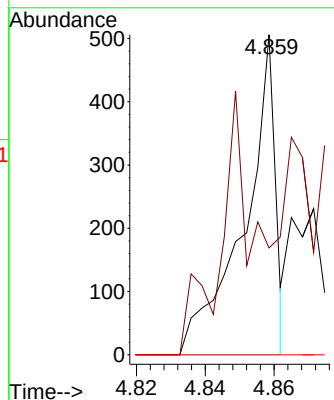
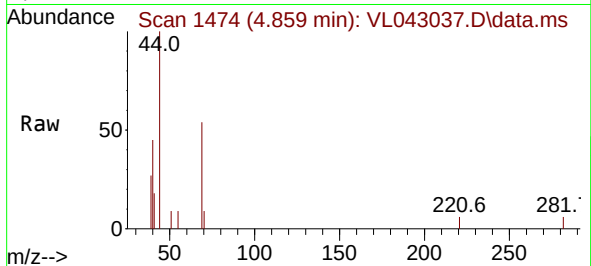




#43
Methyl Methacrylate
Concen: 0.020 ppbv
RT: 4.859 min Scan# 1472
Delta R.T. 0.007 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

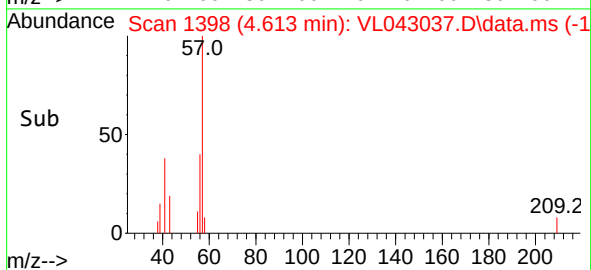
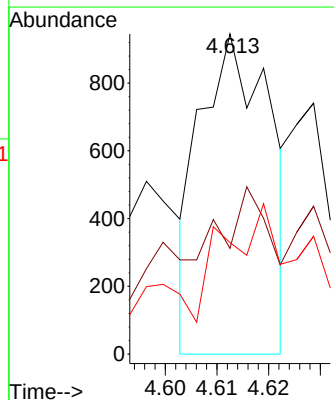
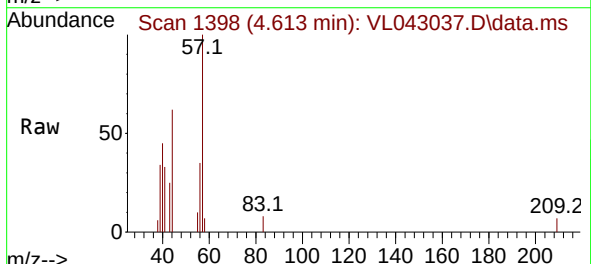
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

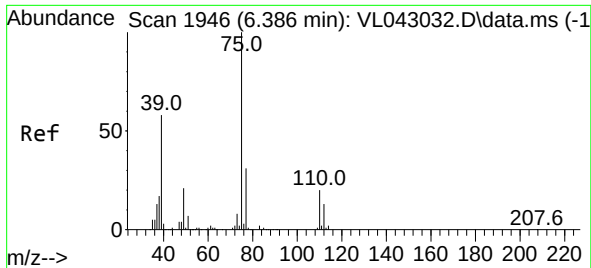
Tgt Ion: 69 Resp: 315
Ion Ratio Lower Upper
69 100
41 186.0 118.0 177.0#
100 0.0 28.3 42.5#



#44
2,2,4-Trimethylpentane
Concen: 0.012 ppbv
RT: 4.613 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 57 Resp: 888
Ion Ratio Lower Upper
57 100
41 115.0 27.0 40.4#
56 83.6 26.0 39.0#

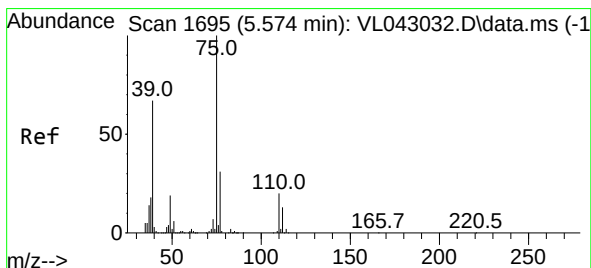
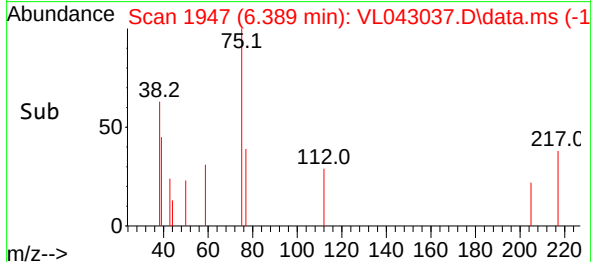
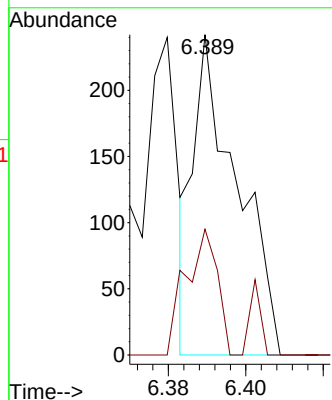
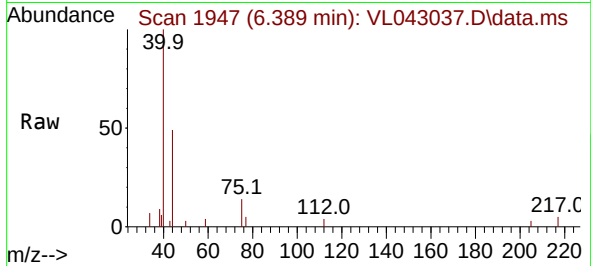




#45
 t-1,3-Dichloropropene
 Concen: 0.013 ppbv
 RT: 6.389 min Scan# 1947
 Delta R.T. 0.003 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

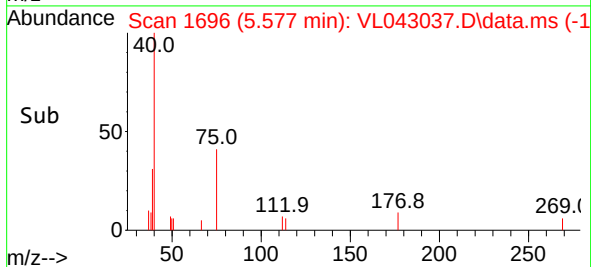
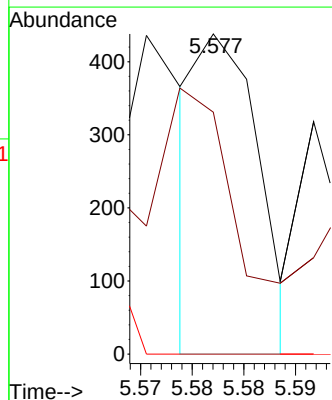
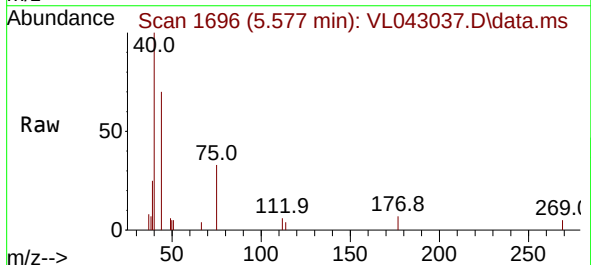
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

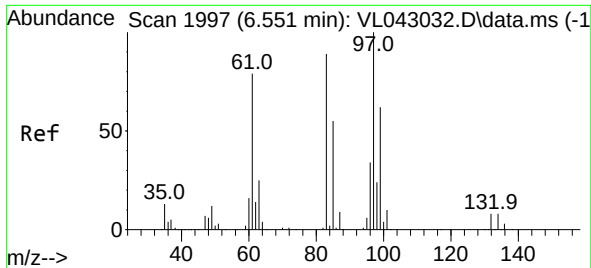
Tgt Ion: 75 Resp: 190
 Ion Ratio Lower Upper
 75 100
 77 39.3 24.7 37.1#



#46
 cis-1,3-Dichloropropene
 Concen: 0.009 ppbv
 RT: 5.577 min Scan# 1696
 Delta R.T. 0.003 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

Tgt Ion: 75 Resp: 177
 Ion Ratio Lower Upper
 75 100
 39 69.0 53.4 80.0
 77 0.0 25.0 37.4#



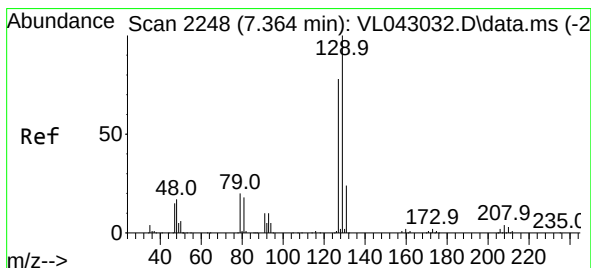
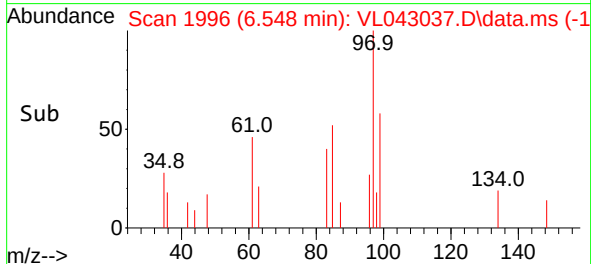
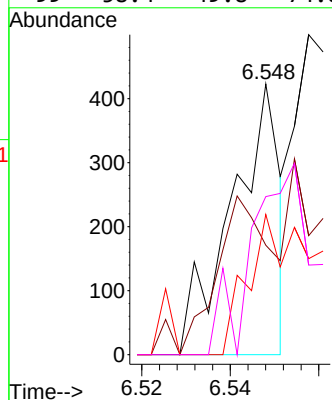
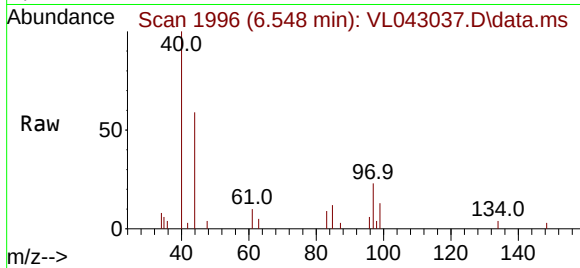


#47
 1,1,2-Trichloroethane
 Concen: 0.016 ppbv
 RT: 6.548 min Scan# 1997
 Delta R.T. -0.003 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

Tgt Ion: 97 Resp: 319

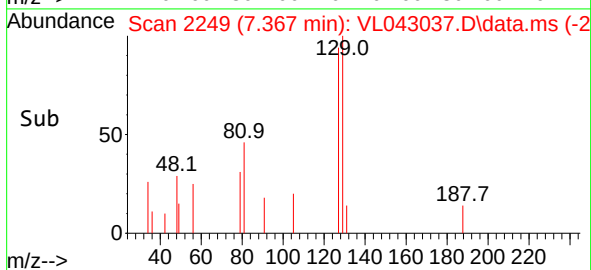
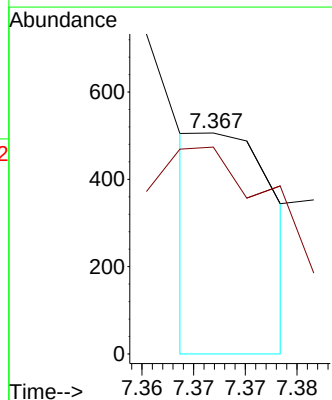
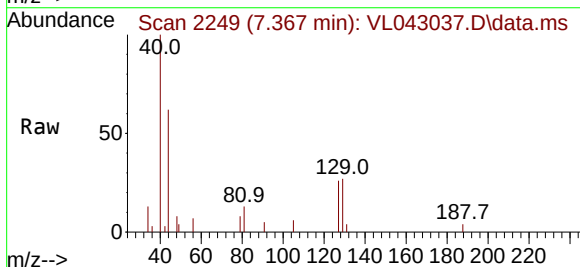
Ion	Ratio	Lower	Upper
97	100		
83	40.4	71.1	106.7#
85	51.8	44.3	66.5
99	58.4	49.8	74.8

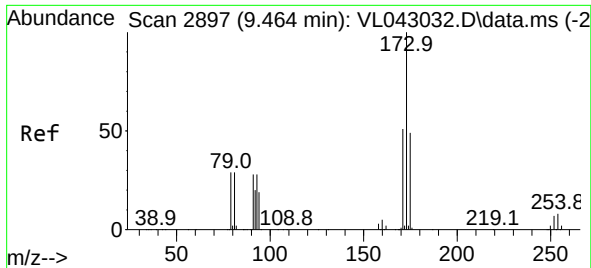


#48
 Dibromochloromethane
 Concen: 0.008 ppbv
 RT: 7.367 min Scan# 2249
 Delta R.T. 0.003 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

Tgt Ion: 129 Resp: 260

Ion	Ratio	Lower	Upper
129	100		
127	306.5	38.6	116.0#

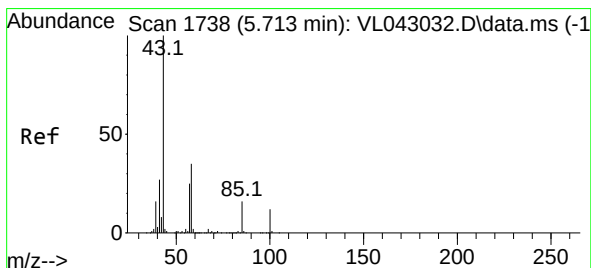
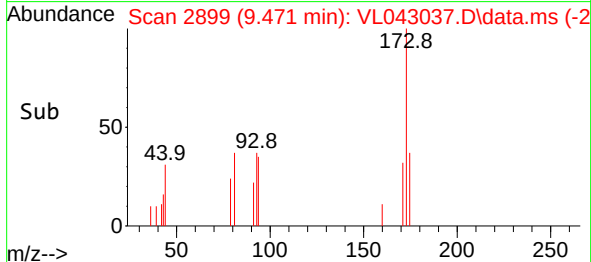
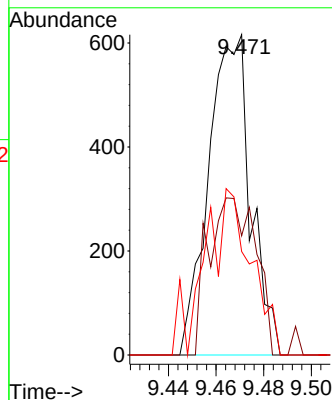
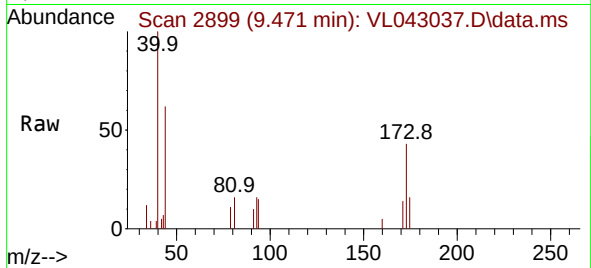




#49
Bromoform
Concen: 0.029 ppbv
RT: 9.471 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

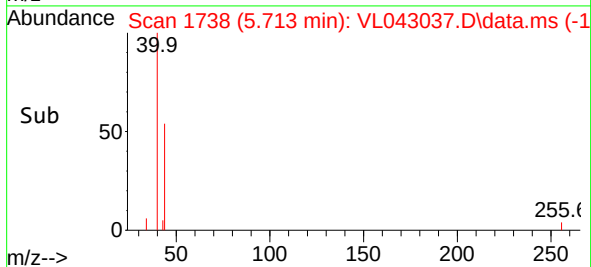
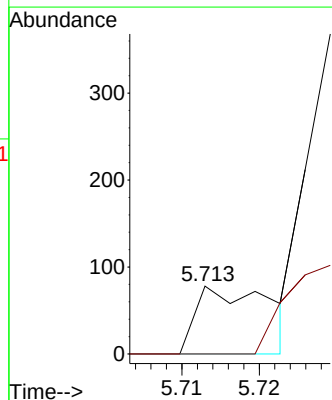
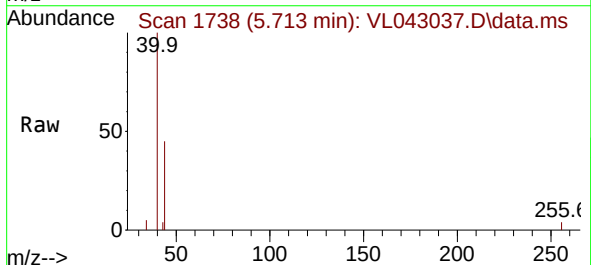
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

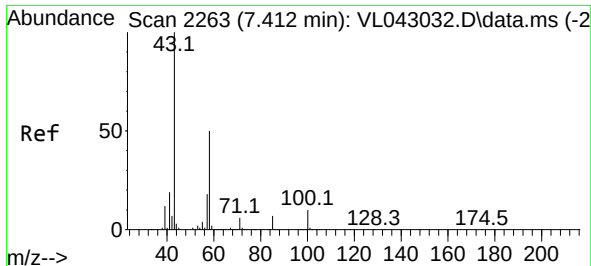
Tgt Ion:173 Resp: 756
Ion Ratio Lower Upper
173 100
175 38.9 39.1 58.7#
171 57.5 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 0.001 ppbv
RT: 5.713 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
58 0.0 28.7 43.1#

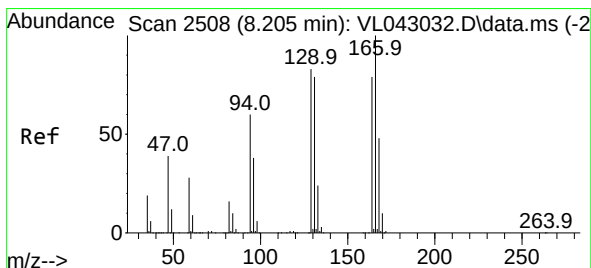
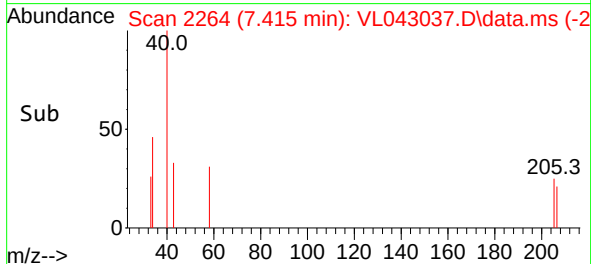
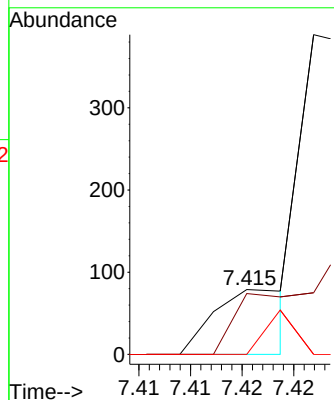
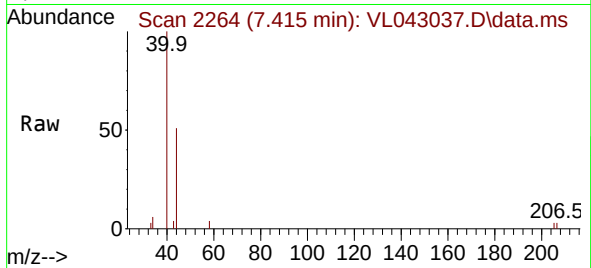




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 7.415 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

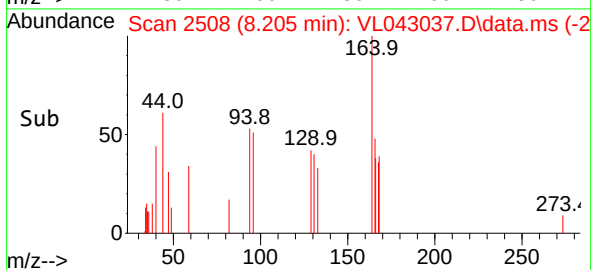
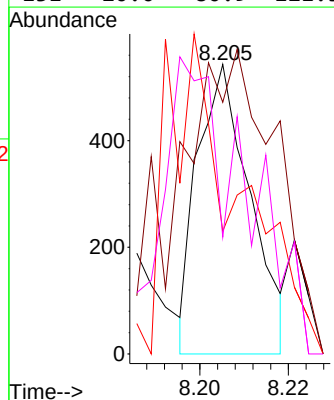
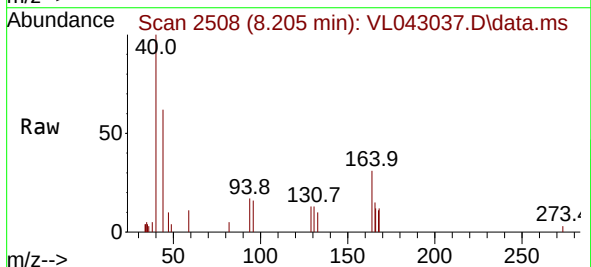
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

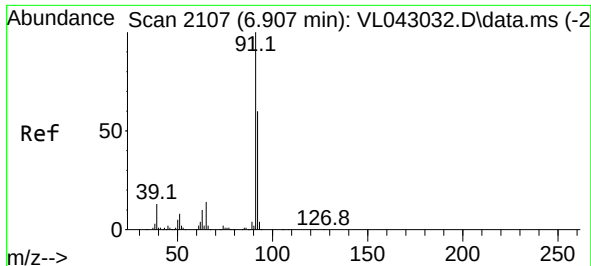
Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
58 0.0 39.1 58.7#
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.025 ppbv
RT: 8.205 min Scan# 2508
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 164 Resp: 448
Ion Ratio Lower Upper
164 100
166 15.6 101.8 152.8#
129 0.0 84.5 126.7#
131 20.0 80.9 121.3#

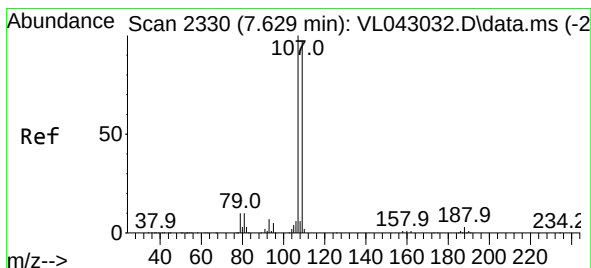
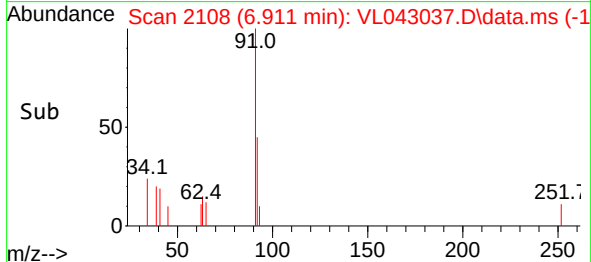
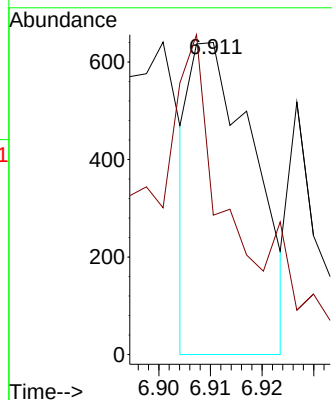
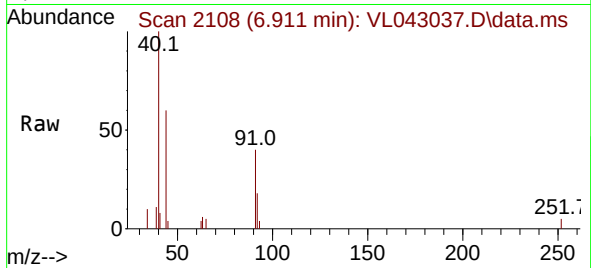




#53
Toluene
Concen: 0.011 ppbv
RT: 6.911 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

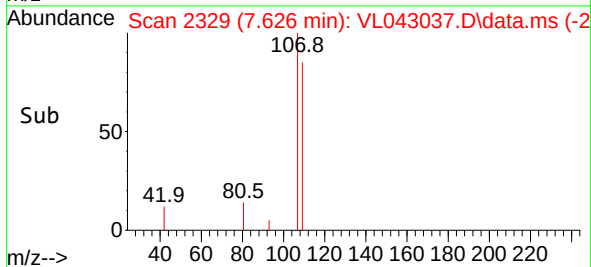
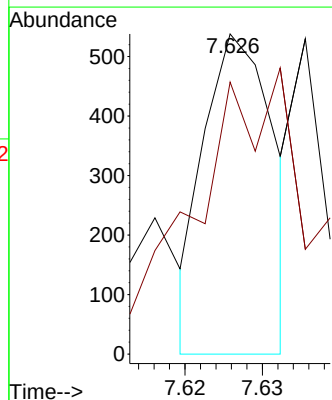
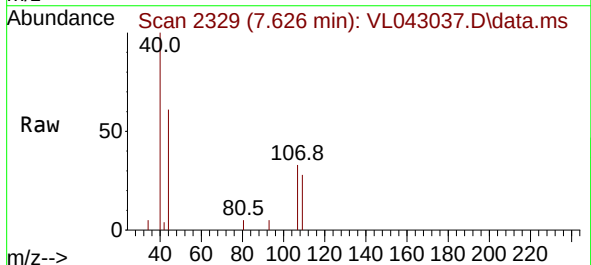
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

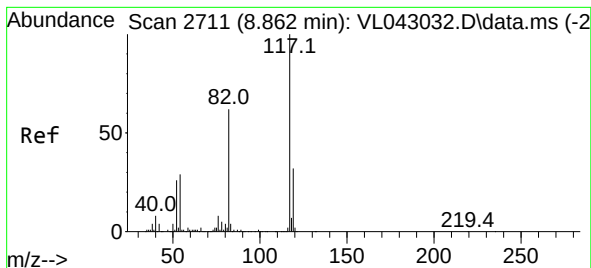
Tgt Ion: 91 Resp: 546
Ion Ratio Lower Upper
91 100
92 137.5 47.8 71.6#



#54
1,2-Dibromoethane
Concen: 0.015 ppbv
RT: 7.626 min Scan# 2329
Delta R.T. -0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 107 Resp: 337
Ion Ratio Lower Upper
107 100
109 55.2 77.4 116.0#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.862 min Scan# 2711

Delta R.T. 0.000 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

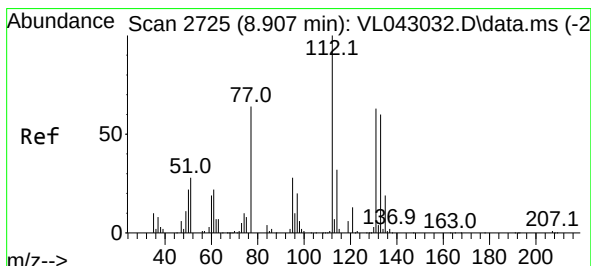
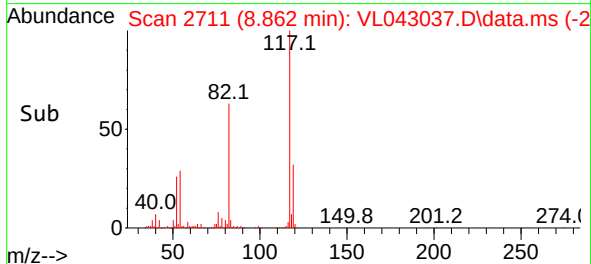
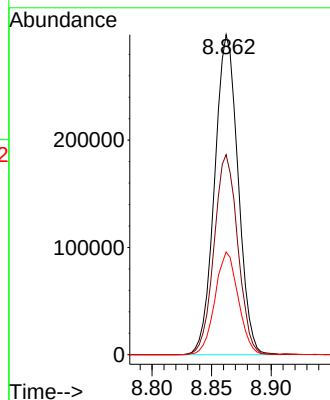
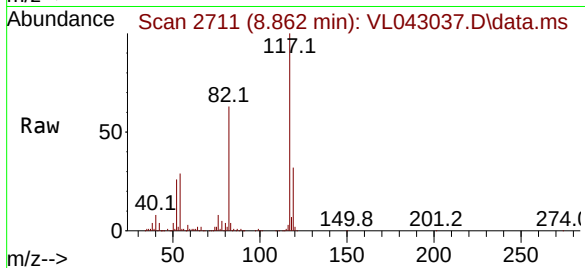
Tgt Ion:117 Resp: 408184

Ion Ratio Lower Upper

117 100

82 63.2 53.0 79.6

119 32.1 25.4 38.2



#56

1,1,1,2-Tetrachloroethane

Concen: 0.019 ppbv

RT: 8.911 min Scan# 2726

Delta R.T. 0.003 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

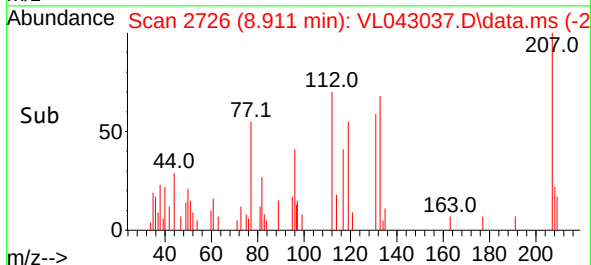
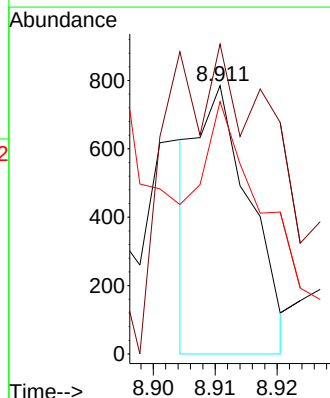
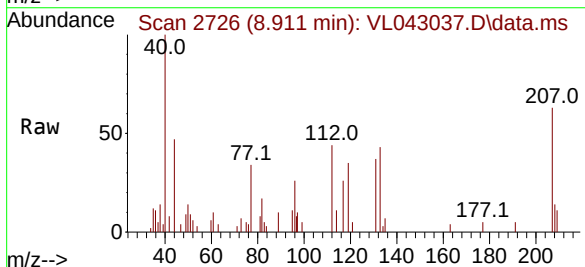
Tgt Ion:131 Resp: 472

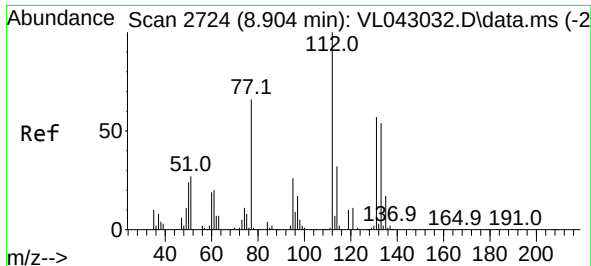
Ion Ratio Lower Upper

131 100

133 295.6 76.2 114.4#

119 0.0 49.4 74.2#

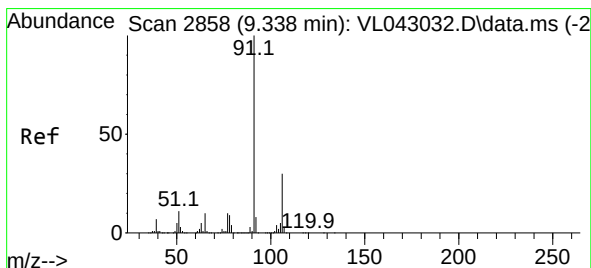
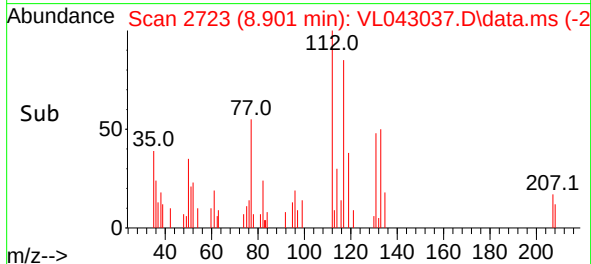
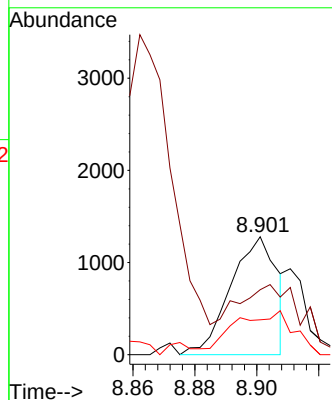
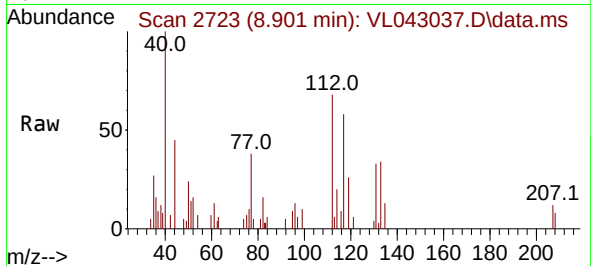




#57
Chlorobenzene
Concen: 0.031 ppbv
RT: 8.901 min Scan# 21331
Delta R.T. -0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

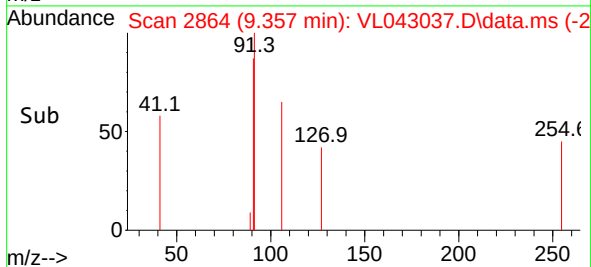
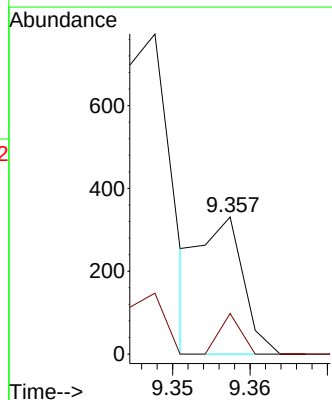
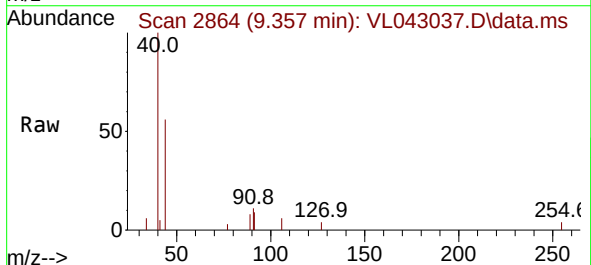
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

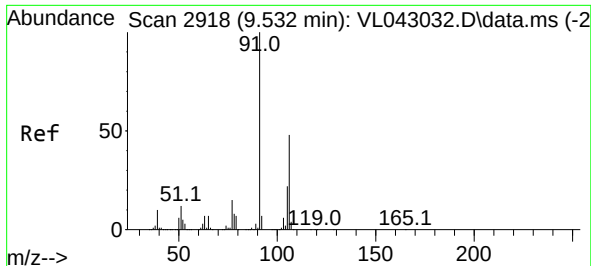
Tgt Ion:112 Resp: 1331
Ion Ratio Lower Upper
112 100
77 6.2 53.2 79.8#
114 19.1 28.6 35.0#



#58
Ethyl Benzene
Concen: 0.002 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. 0.019 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 91 Resp: 126
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1





#59

m/p-Xylene

Concen: 0.013 ppbv

RT: 9.535 min Scan# 2918

Delta R.T. 0.003 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

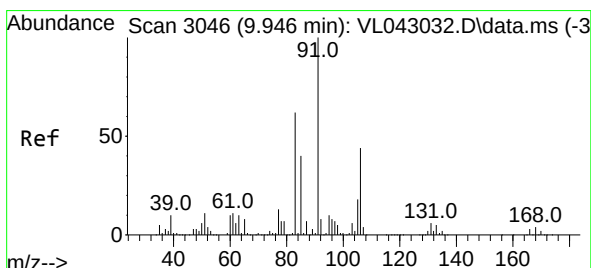
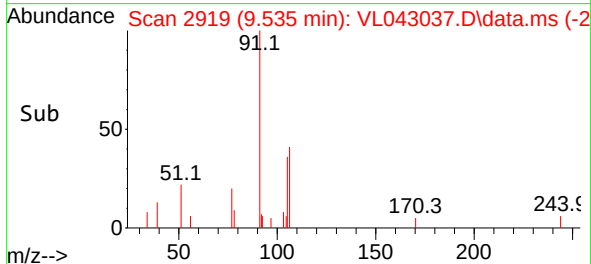
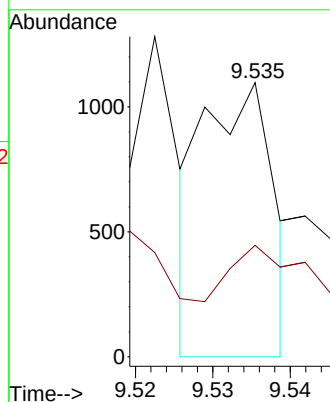
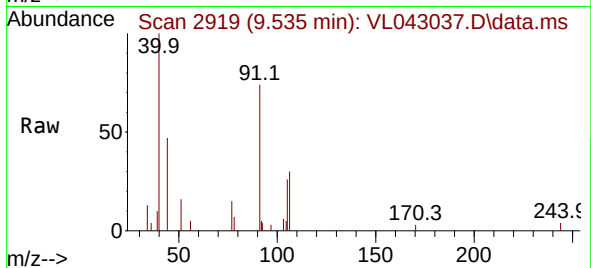
VSTDICC0.03

Tgt Ion: 91 Resp: 686

Ion Ratio Lower Upper

91 100

106 0.0 37.5 56.3#



#60

o-Xylene

Concen: 0.024 ppbv

RT: 9.947 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VL043037.D

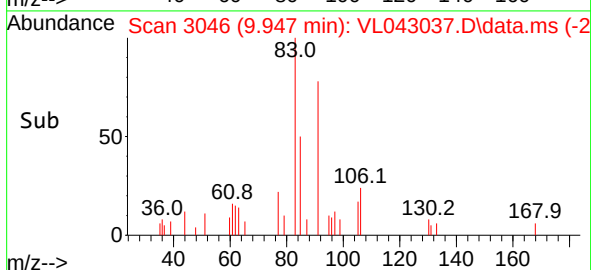
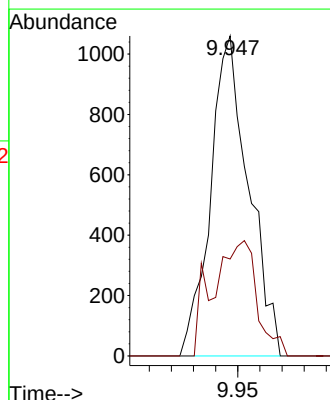
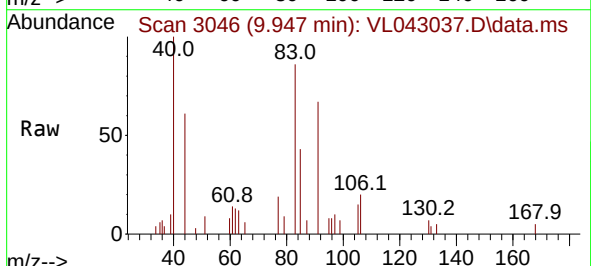
Acq: 02 Oct 2025 13:07

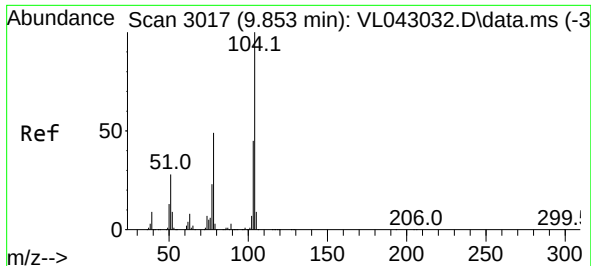
Tgt Ion: 91 Resp: 1271

Ion Ratio Lower Upper

91 100

106 41.8 21.9 65.5

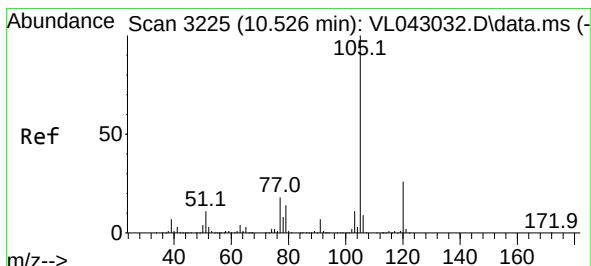
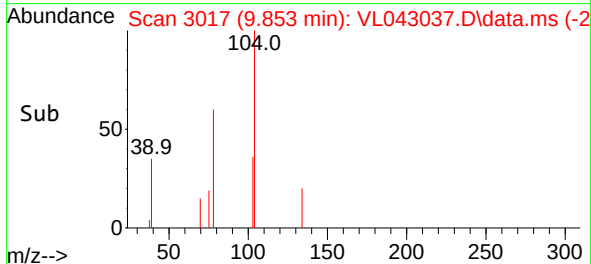
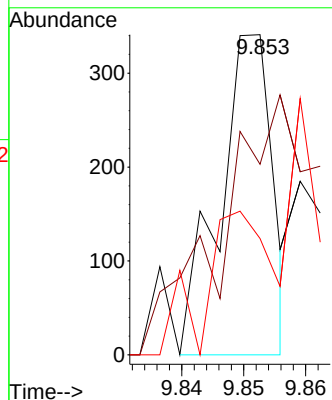
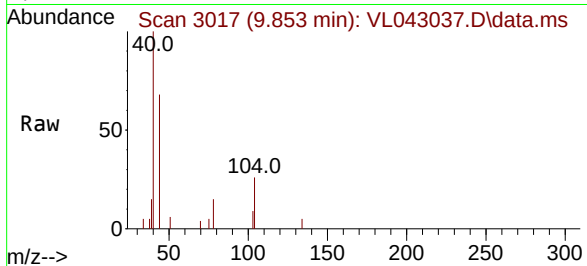




#61
Styrene
Concen: 0.009 ppbv
RT: 9.853 min Scan# 3017
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

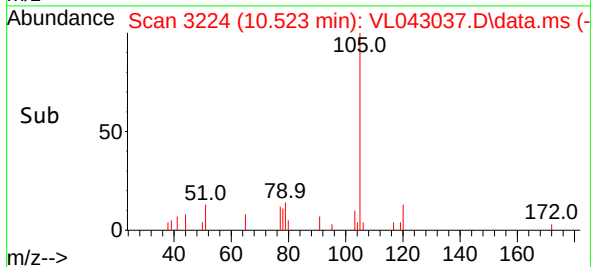
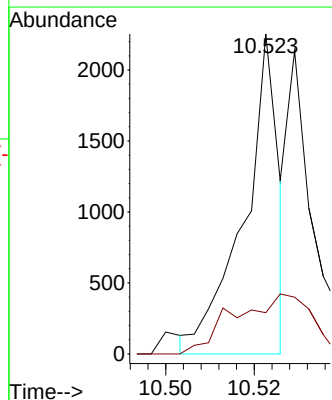
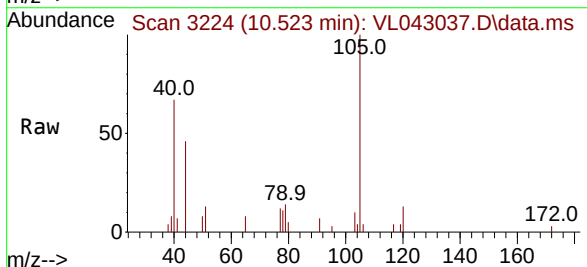
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

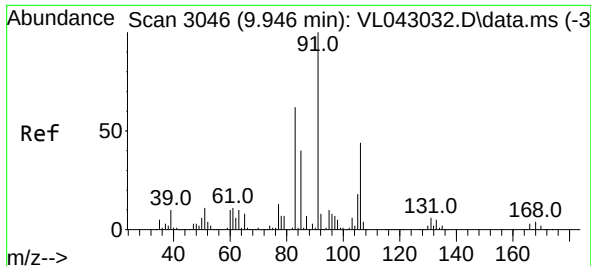
Tgt Ion:104 Resp: 205
Ion Ratio Lower Upper
104 100
78 147.8 39.7 59.5#
103 0.0 37.6 56.4#



#62
Isopropylbenzene
Concen: 0.015 ppbv
RT: 10.523 min Scan# 3224
Delta R.T. -0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion:105 Resp: 1227
Ion Ratio Lower Upper
105 100
120 41.0 20.6 31.0#

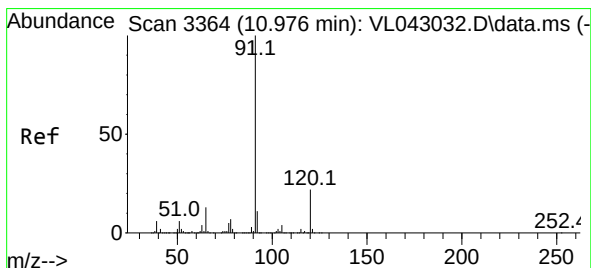
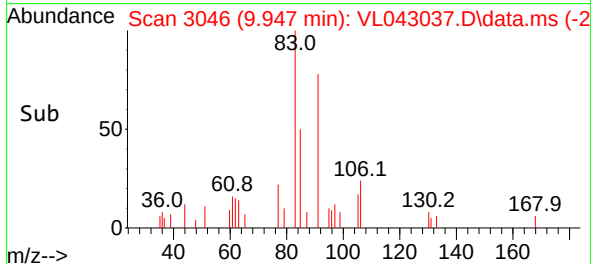
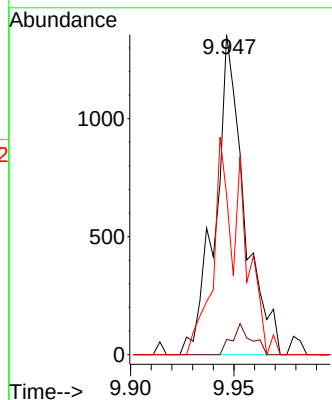
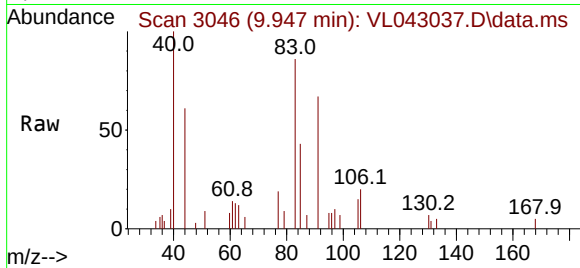




#63
 1,1,2-Tetrachloroethane
 Concen: 0.035 ppbv
 RT: 9.947 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

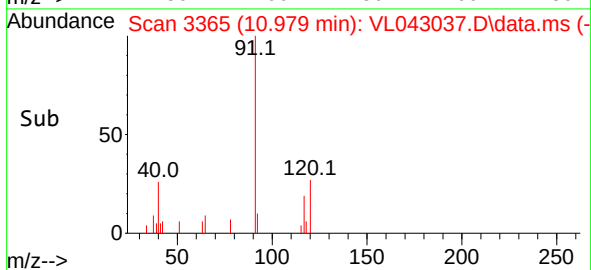
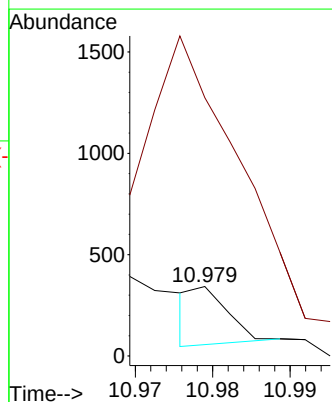
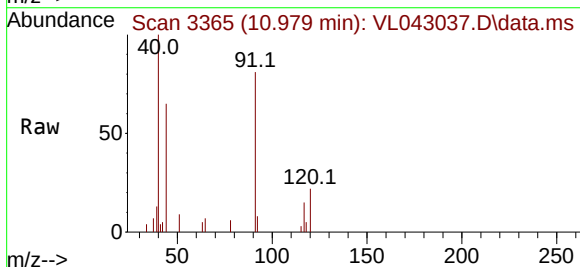
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

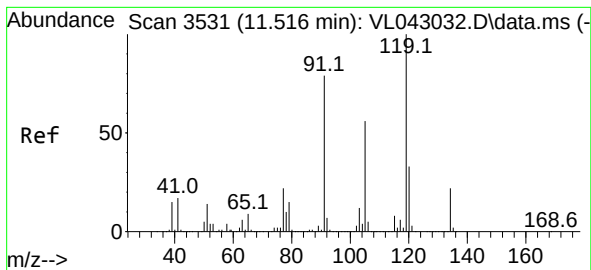
Tgt Ion: 83 Resp: 1322
 Ion Ratio Lower Upper
 83 100
 131 6.5 4.7 14.1
 85 67.2 32.0 96.2



#64
 n-propylbenzene
 Concen: 0.004 ppbv
 RT: 10.979 min Scan# 3365
 Delta R.T. 0.003 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

Tgt Ion: 120 Resp: 89
 Ion Ratio Lower Upper
 120 100
 91 2070.8 367.0 550.4#





#65

tert-Butylbenzene

Concen: 0.020 ppbv

RT: 11.516 min Scan# 3531

Delta R.T. 0.000 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.03

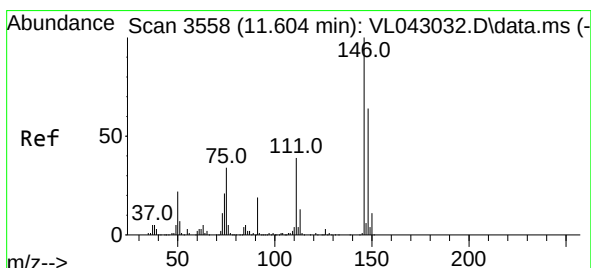
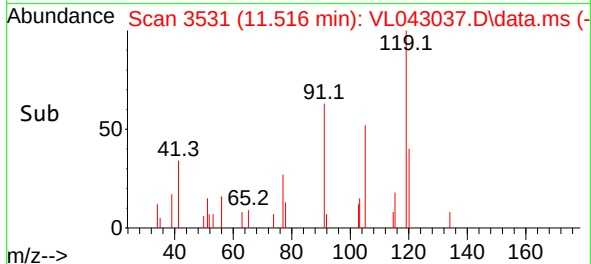
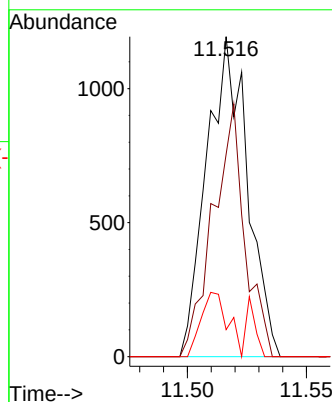
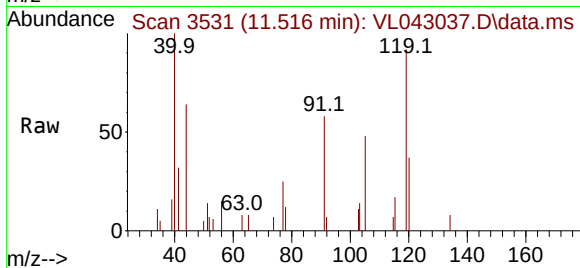
Tgt Ion:119 Resp: 1416

Ion Ratio Lower Upper

119 100

91 61.6 63.1 94.7#

134 17.4 16.9 25.3



#66

Benzyl Chloride

Concen: 0.310 ppbv

RT: 11.520 min Scan# 3532

Delta R.T. -0.084 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

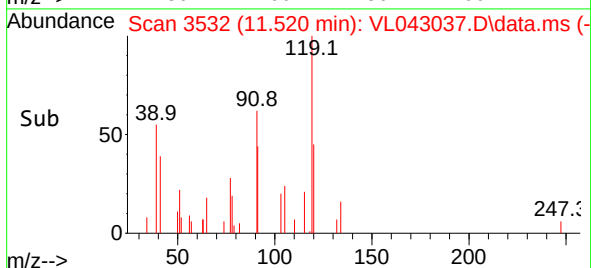
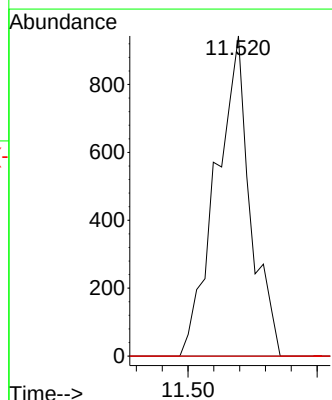
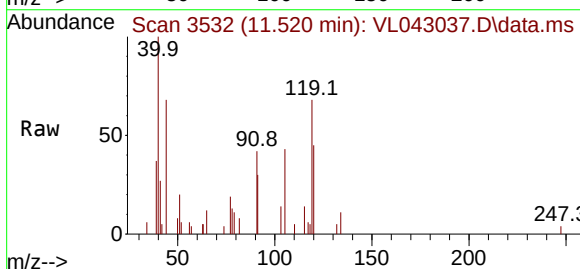
Tgt Ion: 91 Resp: 871

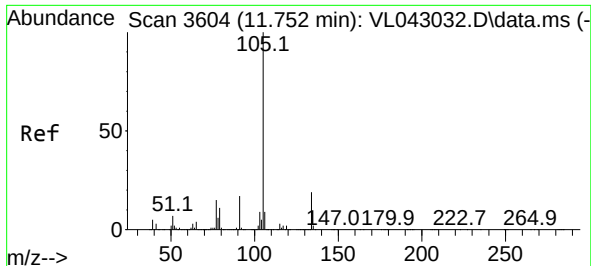
Ion Ratio Lower Upper

91 100

126 0.0 14.2 21.4#

128 4.9 4.8 7.2





#67

sec-Butylbenzene

Concen: 0.018 ppbv

RT: 11.756 min Scan# 3605

Delta R.T. 0.003 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

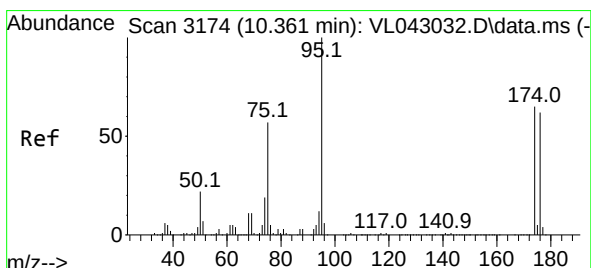
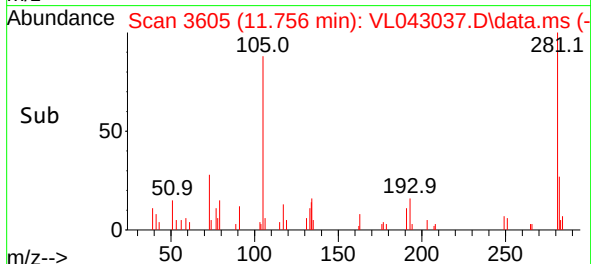
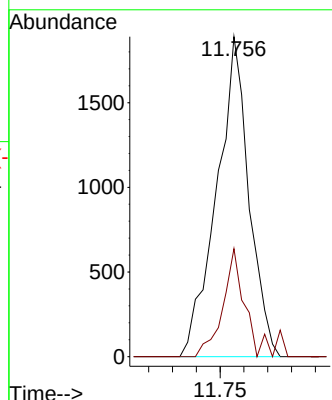
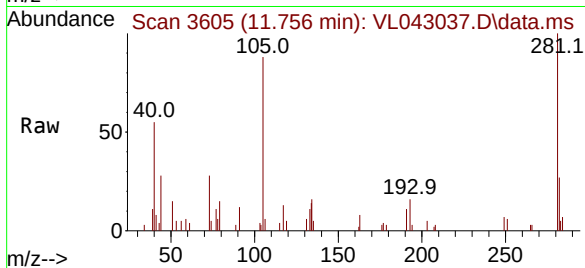
VSTDIC0.03

Tgt Ion:105 Resp: 1780

Ion Ratio Lower Upper

105 100

134 24.6 15.2 22.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.552 ppbv

RT: 10.361 min Scan# 3174

Delta R.T. 0.000 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

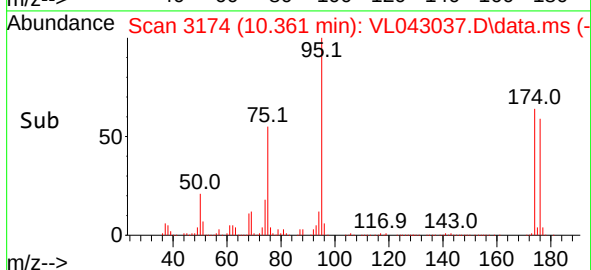
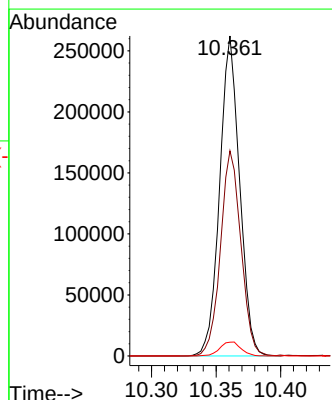
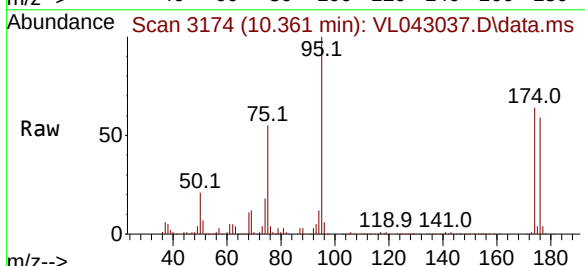
Tgt Ion: 95 Resp: 280877

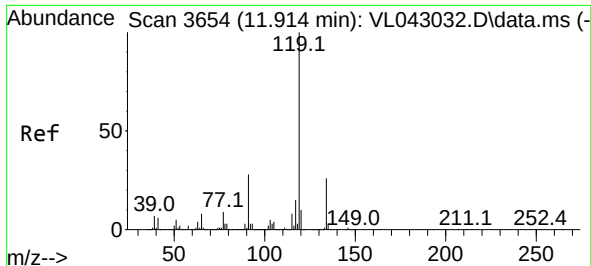
Ion Ratio Lower Upper

95 100

174 66.1 52.3 78.5

175 4.7 3.8 5.8

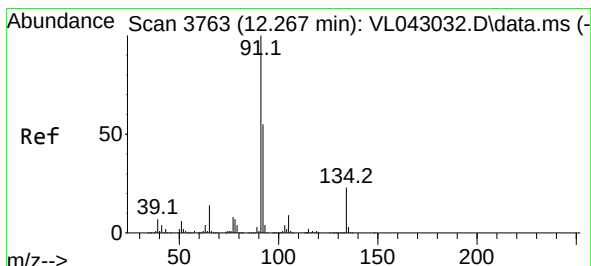
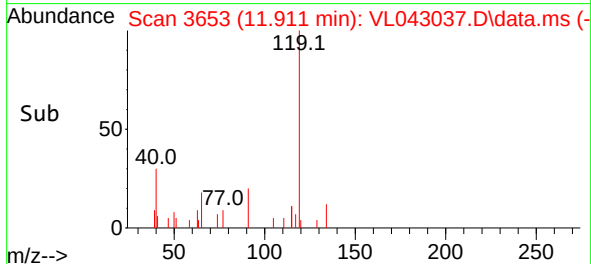
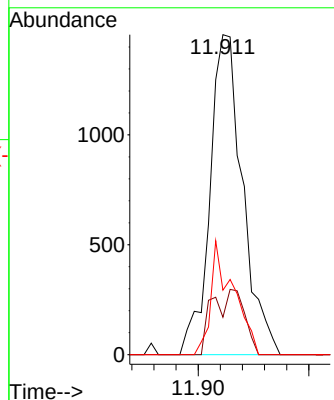
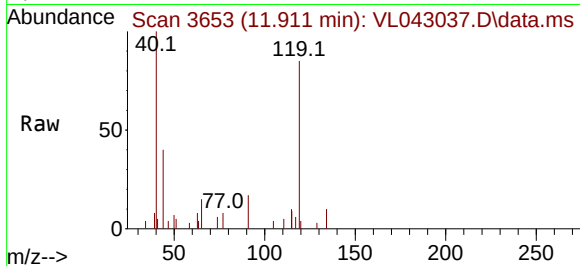




#69
p-Isopropyltoluene
Concen: 0.018 ppbv
RT: 11.911 min Scan# 3653
Delta R.T. -0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

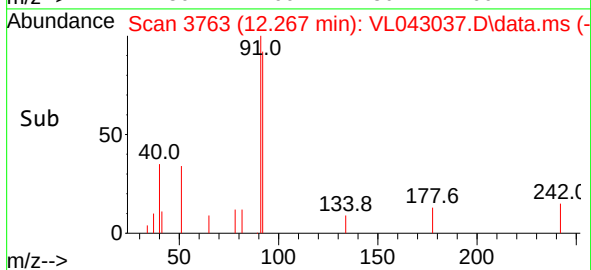
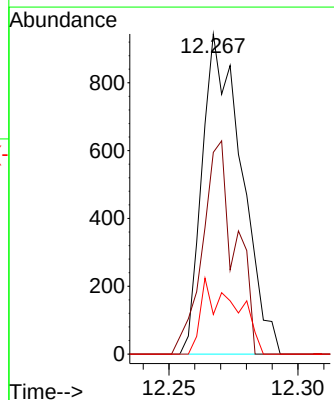
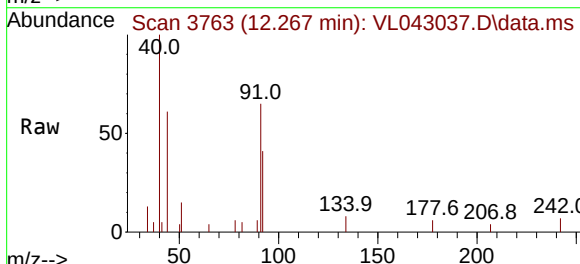
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

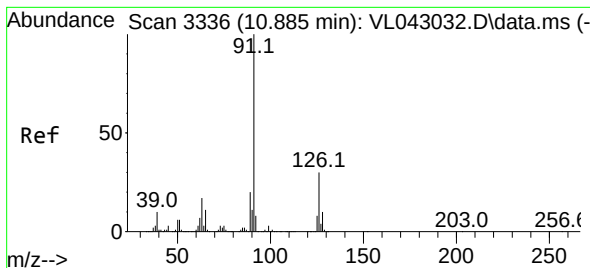
Tgt Ion:119 Resp: 1493
Ion Ratio Lower Upper
119 100
134 20.0 20.5 30.7#
91 24.6 22.6 33.8



#70
n-Butylbenzene
Concen: 0.013 ppbv
RT: 12.267 min Scan# 3763
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 91 Resp: 1002
Ion Ratio Lower Upper
91 100
92 55.3 43.9 65.9
134 20.8 18.9 28.3

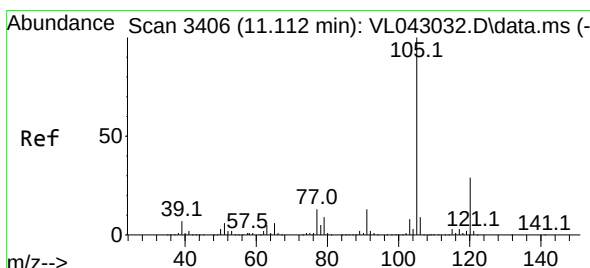
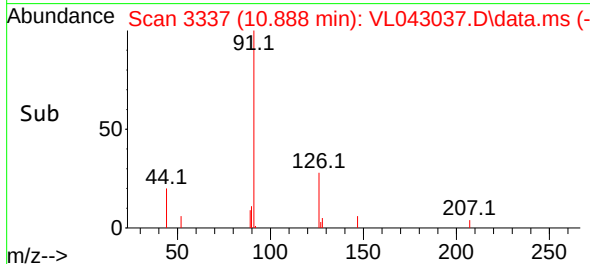
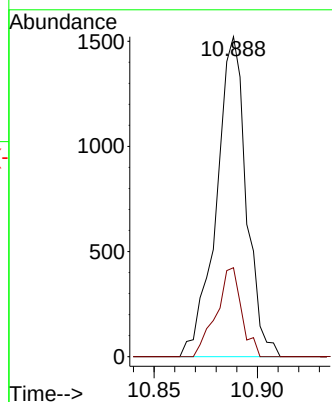
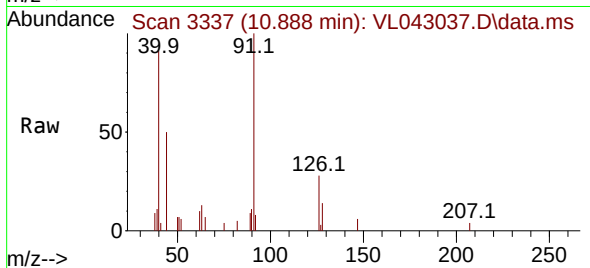




#71
2-Chlorotoluene
Concen: 0.026 ppbv
RT: 10.888 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

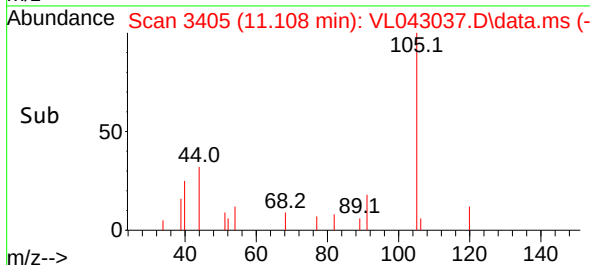
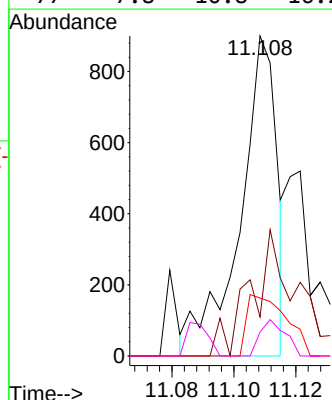
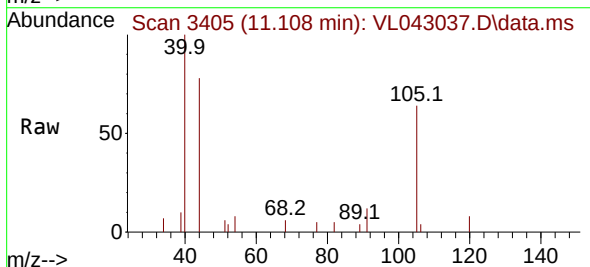
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

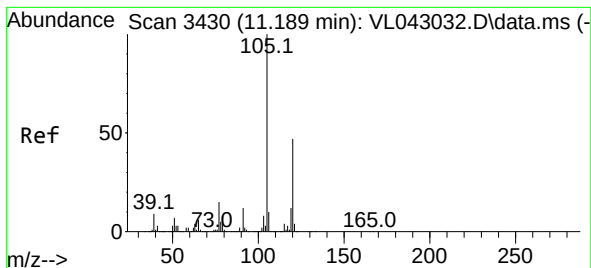
Tgt Ion: 91 Resp: 1542
Ion Ratio Lower Upper
91 100
126 23.3 12.2 48.6



#72
4-Ethyltoluene
Concen: 0.012 ppbv
RT: 11.108 min Scan# 3405
Delta R.T. -0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 105 Resp: 746
Ion Ratio Lower Upper
105 100
120 47.7 23.5 35.3#
91 20.4 10.4 15.6#
77 7.8 10.8 16.2#





#73

1,3,5-Trimethylbenzene

Concen: 0.021 ppbv

RT: 11.189 min Scan# 3430

Delta R.T. 0.000 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

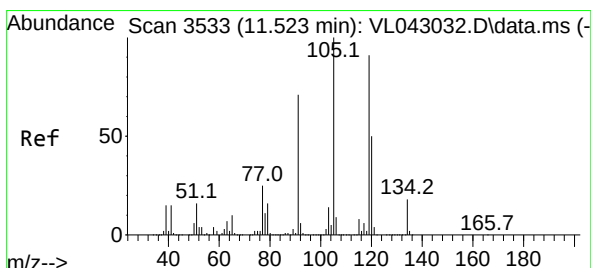
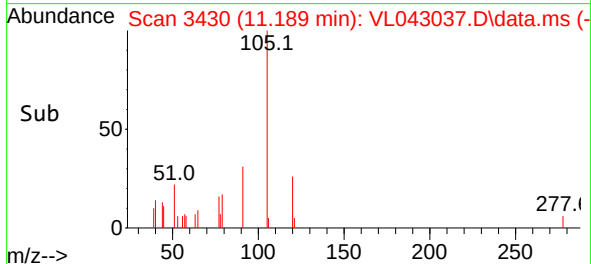
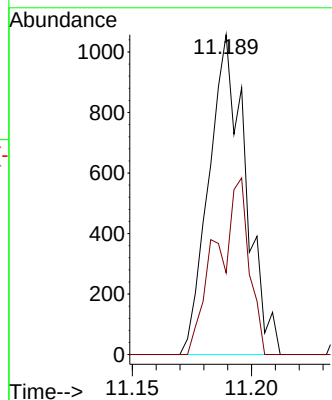
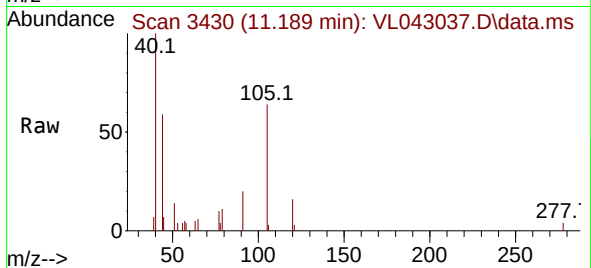
VSTDICC0.03

Tgt Ion:105 Resp: 1128

Ion Ratio Lower Upper

105 100

120 25.5 37.5 56.3#



#74

1,2,4-Trimethylbenzene

Concen: 0.009 ppbv

RT: 11.526 min Scan# 3534

Delta R.T. 0.003 min

Lab File: VL043037.D

Acq: 02 Oct 2025 13:07

Tgt Ion:105 Resp: 568

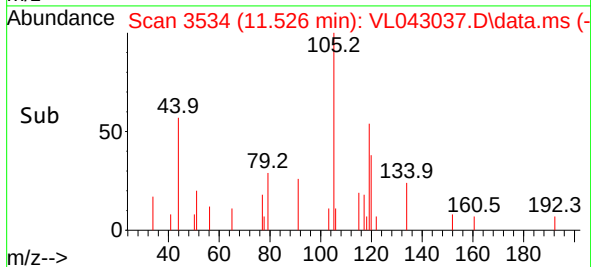
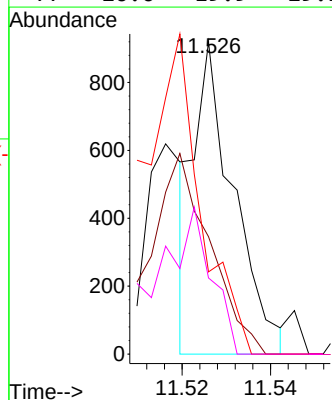
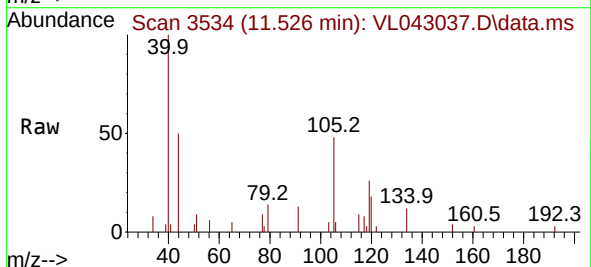
Ion Ratio Lower Upper

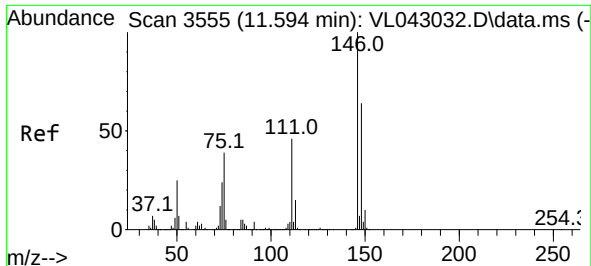
105 100

120 41.0 39.7 59.5

91 28.7 56.5 84.7#

77 26.6 19.9 29.9

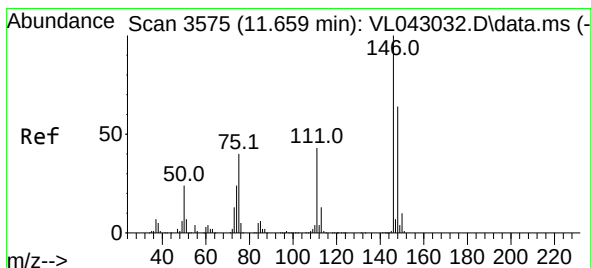
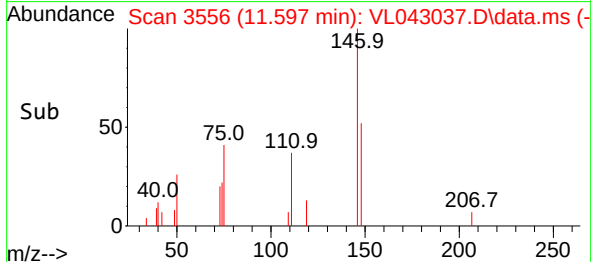
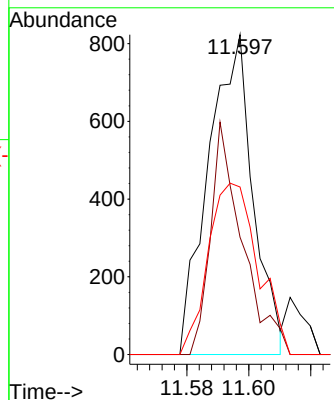
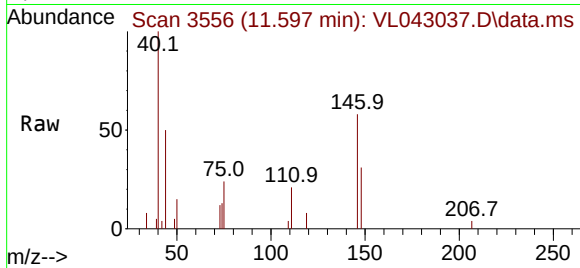




#75
1,3-Dichlorobenzene
Concen: 0.020 ppbv
RT: 11.597 min Scan# 3556
Delta R.T. 0.003 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

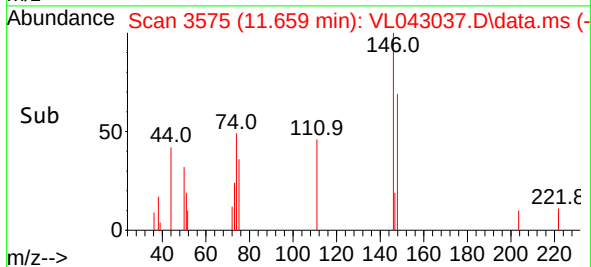
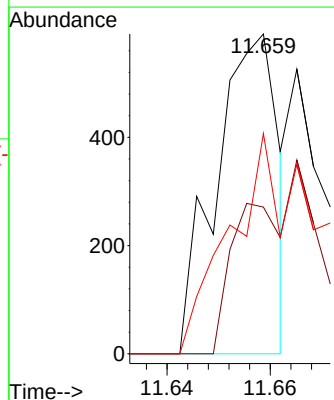
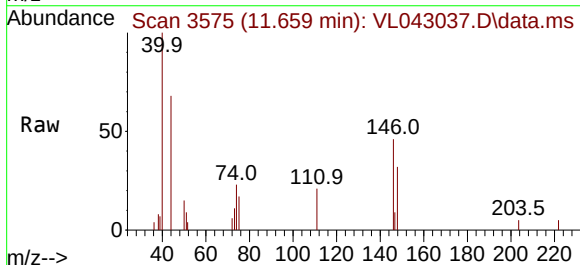
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

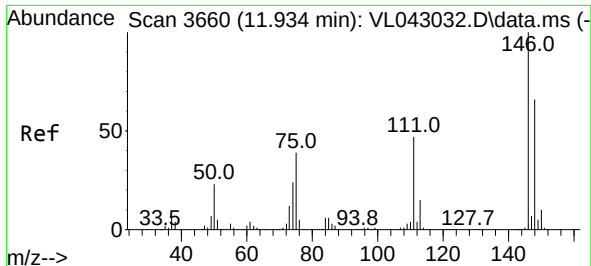
Tgt Ion:146 Resp: 823
Ion Ratio Lower Upper
146 100
111 51.8 22.6 67.7
148 59.7 31.9 95.7



#76
1,4-Dichlorobenzene
Concen: 0.013 ppbv
RT: 11.659 min Scan# 3575
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion:146 Resp: 493
Ion Ratio Lower Upper
146 100
111 0.0 21.7 65.1#
148 90.3 32.1 96.3

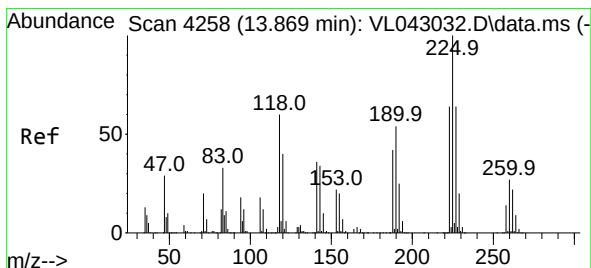
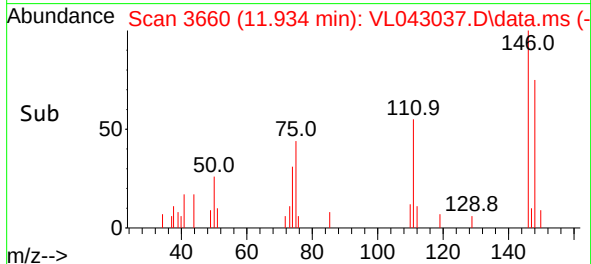
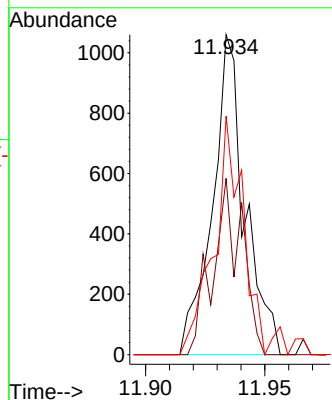
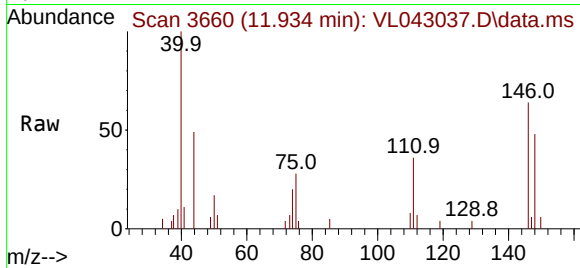




#77
1,2-Dichlorobenzene
Concen: 0.025 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

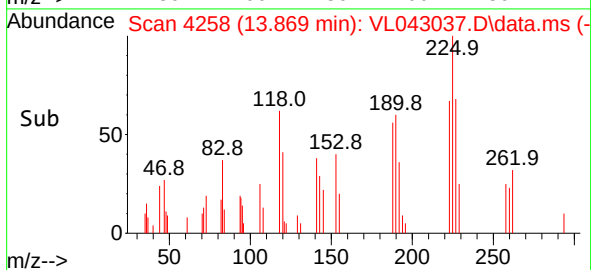
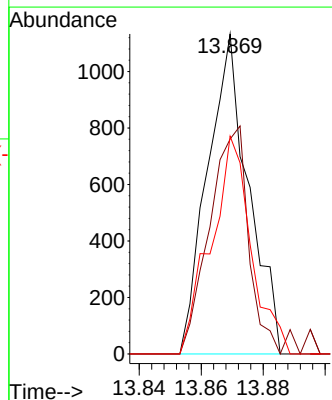
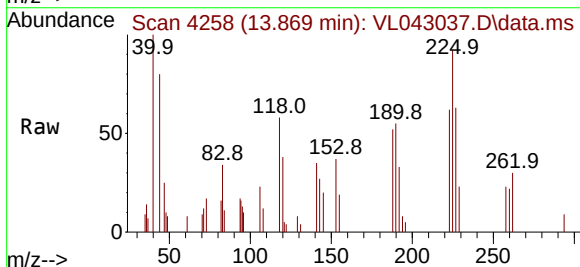
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

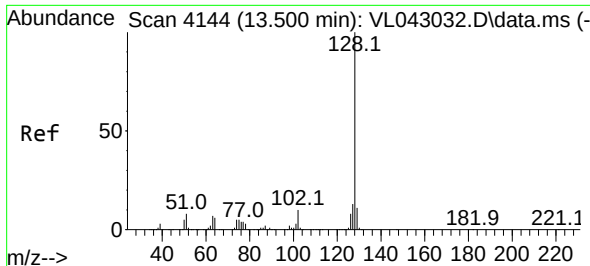
Tgt Ion:146 Resp: 996
Ion Ratio Lower Upper
146 100
111 50.2 23.2 69.5
148 69.7 31.9 95.7



#78
Hexachloro-1,3-Butadiene
Concen: 0.037 ppbv
RT: 13.869 min Scan# 4258
Delta R.T. 0.000 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

Tgt Ion:225 Resp: 1038
Ion Ratio Lower Upper
225 100
223 70.8 50.9 76.3
227 66.9 50.9 76.3

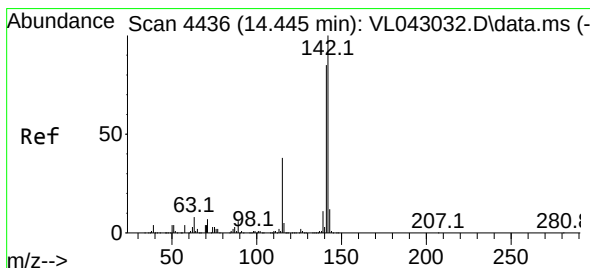
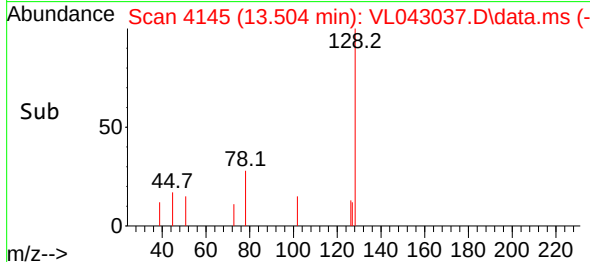
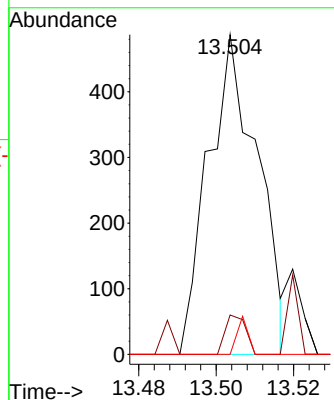
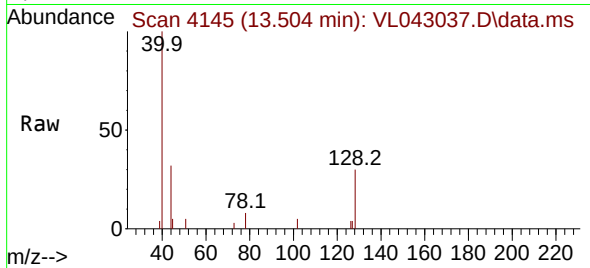




#79
Naphthalene
Concen: 0.243 ppbv
RT: 13.504 min Scan# 4144
Delta R.T. 0.004 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

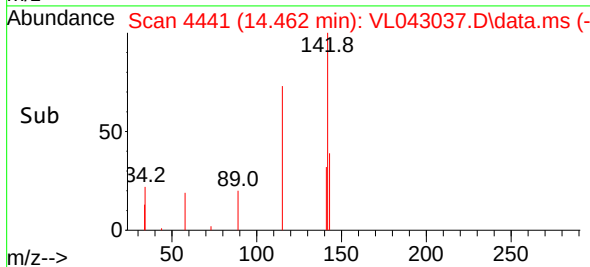
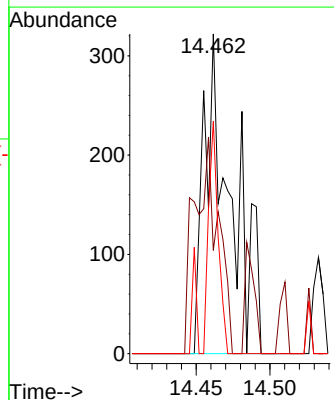
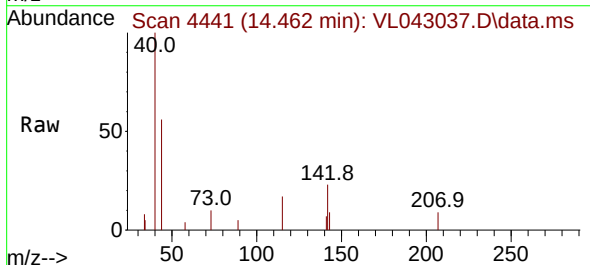
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

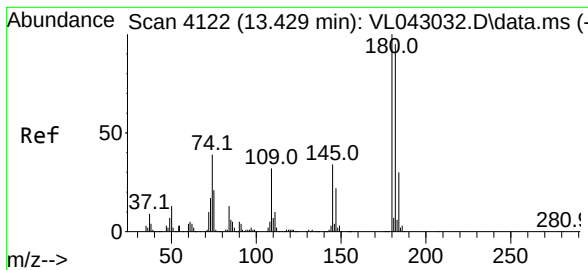
Tgt Ion:128 Resp: 431
Ion Ratio Lower Upper
128 100
127 12.3 10.6 16.0
129 0.0 8.8 13.2#



#80
Naphthalene,2-methyl-
Concen: 0.678 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.017 min
Lab File: VL043037.D
Acq: 02 Oct 2025 13:07

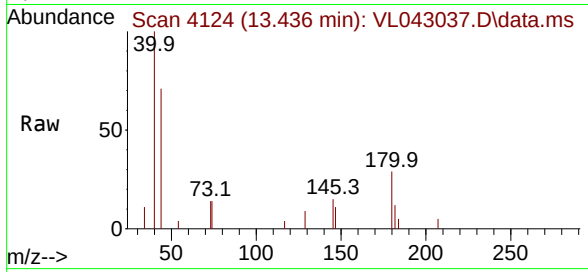
Tgt Ion:142 Resp: 411
Ion Ratio Lower Upper
142 100
141 76.6 66.6 100.0
115 30.9 30.1 45.1





#81
 1,2,4-Trichlorobenzene
 Concen: 0.004 ppbv
 RT: 13.436 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL043037.D
 Acq: 02 Oct 2025 13:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03



Tgt Ion:	180	Resp:	102
Ion	Ratio	Lower	Upper
180	100		
182	170.6	76.9	115.3#
184	0.0	23.9	35.9#

