

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL093025\
 Data File : VL043023.D
 Acq On : 30 Sep 2025 11:53
 Operator : SY/MD
 Sample : VSTDIC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 30 23:58:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL093025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 30 23:54:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	142955	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	436249	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	383741	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.377	95	281670	9.689	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.502	85	1198	0.048	ppbv	99
3) Chlorodifluoromethane	1.764	51	599	0.023	ppbv	100
4) Chloromethane	1.534	50	630	0.067	ppbv	92
5) Vinyl Chloride	1.580	62	363	0.040	ppbv	100
6) Bromomethane	1.670	94	255	0.077	ppbv #	55
7) Chloroethane	1.706	64	191	0.053	ppbv	88
8) Dichlorotetrafluoroethane	1.557	85	714	0.035	ppbv	92
9) Propene	1.486	41	560	0.055	ppbv	86
10) Heptane	4.985	43	313	0.012	ppbv #	27
11) Trichlorofluoromethane	1.881	101	1106	0.044	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.143	101	800	0.040	ppbv	96
13) Ethanol	1.431	45	170026	227.021	ppbv	94
14) Bromoethene	1.783	108	263	0.036	ppbv #	2
15) Acetone	1.839	43	4241	0.208	ppbv #	87
16) 1,3-Butadiene	1.609	39	406	0.047	ppbv #	44
17) tert-Butyl alcohol	2.046	59	993	0.044	ppbv #	47
18) 1,1-Dichloroethene	2.039	96	103	0.012	ppbv #	33
19) Isopropyl Alcohol	1.431	45	170026	14.184	ppbv #	33
20) Methylene Chloride	2.062	84	9160	0.526	ppbv	97
21) Allyl Chloride	2.094	41	693	0.050	ppbv #	26
22) trans-1,2-Dichloroethene	2.343	96	459	0.046	ppbv	90
23) Vinyl Acetate	2.460	43	1119	0.040	ppbv #	1
24) 1,1-Dichloroethane	2.411	63	412	0.022	ppbv #	84
25) Ethyl Acetate	2.829	43	8752	0.168	ppbv #	84
26) Hexane	2.826	57	11255	0.416	ppbv #	46
27) Carbon Disulfide	2.152	76	1023	0.043	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	498	0.038	ppbv #	1
29) Chloroform	2.852	83	536	0.016	ppbv	91
30) Cyclohexane	3.861	84	241	0.013	ppbv #	1
31) cis-1,2-Dichloroethene	2.343	61	656	0.030	ppbv	95
32) 1,1,1-Trichloroethane	3.369	97	1171	0.034	ppbv	99
34) 2-Butanone	2.567	43	1421	0.046	ppbv	92
35) Carbon Tetrachloride	3.758	117	623	0.018	ppbv #	22
36) Benzene	3.657	78	1963	0.045	ppbv #	88
37) 1,2-Dichloroethane	3.217	62	904	0.036	ppbv #	79
38) Trichloroethene	4.554	130	389	0.017	ppbv #	18
39) 1,2-Dichloropropane	3.955	63	105438	6.567	ppbv #	22
40) 1,4-Dioxane	4.599	88	24	0.004	ppbv #	1
41) Tetrahydrofuran	3.039	42	53	0.003	ppbv #	36
42) Bromodichloromethane	4.486	83	827	0.024	ppbv #	56
43) Methyl Methacrylate	4.874	69	136	0.009	ppbv #	1
44) 2,2,4-Trimethylpentane	4.628	57	828	0.012	ppbv #	1
45) t-1,3-Dichloropropene	6.422	75	132	0.008	ppbv	95

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

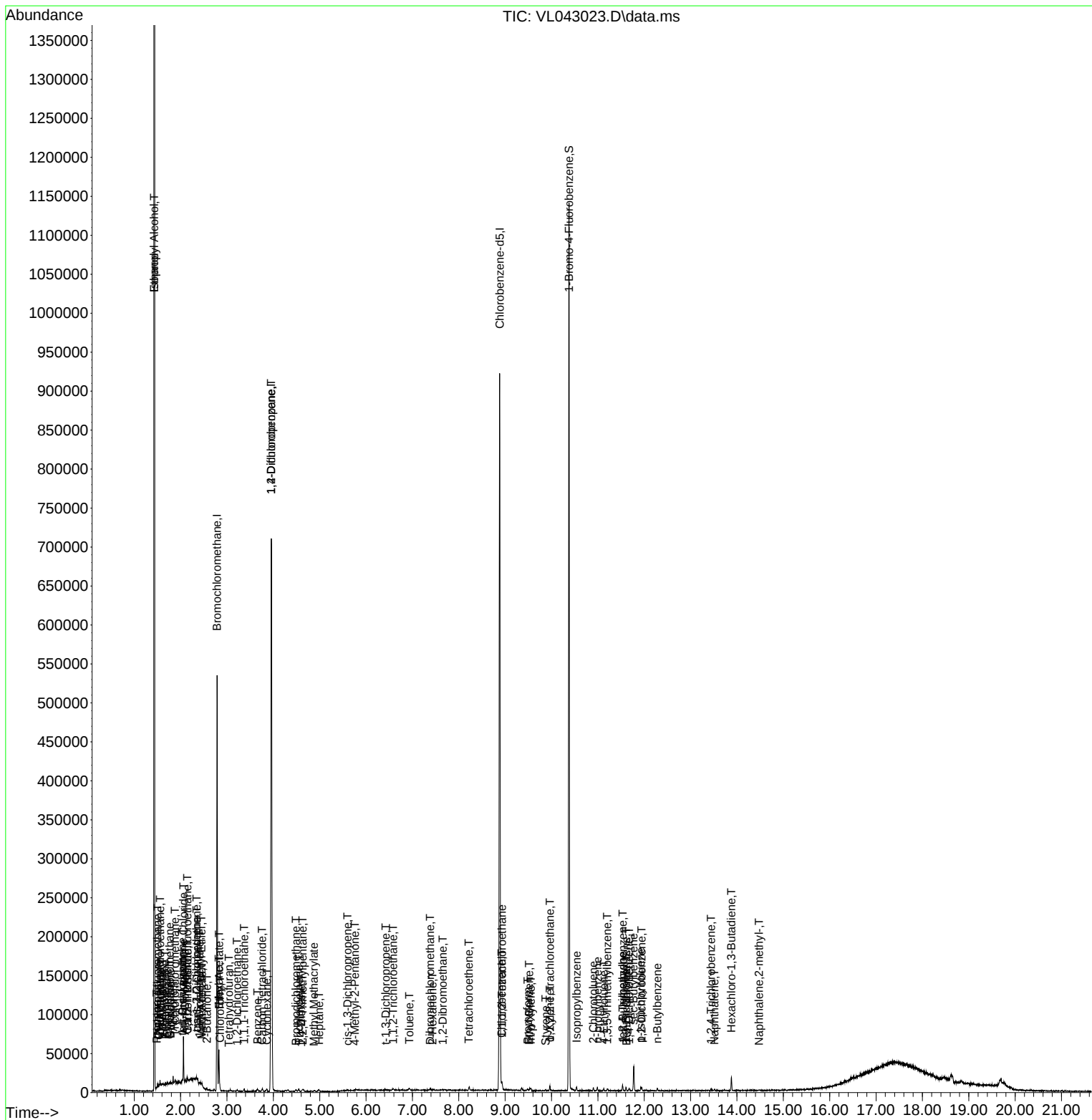
Instrument :
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 ClientSampleId :

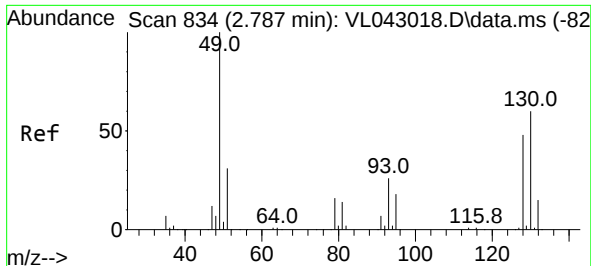
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 30 23:54:02 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.599	75	213	0.009	ppbv #	79
47) 1,1,2-Trichloroethane	6.583	97	163	0.010	ppbv #	56
48) Dibromochloromethane	7.380	129	552	0.019	ppbv #	13
49) Bromoform	9.487	173	769	0.031	ppbv #	90
50) 4-Methyl-2-Pentanone	5.758	43	371	0.009	ppbv #	38
51) 2-Hexanone	7.431	43	105	0.004	ppbv #	28
52) Tetrachloroethene	8.218	164	282	0.016	ppbv #	74
53) Toluene	6.933	91	1126	0.023	ppbv #	21
54) 1,2-Dibromoethane	7.655	107	767	0.032	ppbv #	29
56) 1,1,1,2-Tetrachloroethane	8.930	131	361	0.017	ppbv #	9
57) Chlorobenzene	8.924	112	819	0.021	ppbv #	71
58) Ethyl Benzene	9.516	91	264	0.004	ppbv	90
59) m/p-Xylene	9.551	91	975	0.019	ppbv #	61
60) o-Xylene	9.966	91	1188	0.023	ppbv	85
61) Styrene	9.872	104	312	0.014	ppbv #	34
62) Isopropylbenzene	10.542	105	1943	0.025	ppbv	96
63) 1,1,2,2-Tetrachloroethane	9.966	83	418	0.015	ppbv #	7
64) n-propylbenzene	10.992	120	208	0.010	ppbv #	1
65) tert-Butylbenzene	11.535	119	570	0.008	ppbv #	1
66) Benzyl Chloride	11.620	91	25	0.004	ppbv #	1
67) sec-Butylbenzene	11.769	105	2093	0.021	ppbv #	84
69) p-Isopropyltoluene	11.924	119	1570	0.019	ppbv #	89
70) n-Butylbenzene	12.283	91	1138	0.014	ppbv #	88
71) 2-Chlorotoluene	10.904	91	1562	0.027	ppbv	95
72) 4-Ethyltoluene	11.128	105	1080	0.017	ppbv #	94
73) 1,3,5-Trimethylbenzene	11.202	105	1093	0.020	ppbv #	64
74) 1,2,4-Trimethylbenzene	11.535	105	1277	0.021	ppbv #	85
75) 1,3-Dichlorobenzene	11.607	146	959	0.025	ppbv	95
76) 1,4-Dichlorobenzene	11.671	146	960	0.025	ppbv	88
77) 1,2-Dichlorobenzene	11.943	146	1024	0.027	ppbv	89
78) Hexachloro-1,3-Butadiene	13.879	225	1556	0.051	ppbv #	74
79) Naphthalene	13.513	128	957	0.020	ppbv #	77
80) Naphthalene,2-methyl-	14.474	142	297	0.024	ppbv #	64
81) 1,2,4-Trichlorobenzene	13.442	180	418	0.014	ppbv #	75

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

Quant Time: Sep 30 23:58:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL093025AIR.M
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QLast Update : Tue Sep 30 23:54:02 2025
Response via : Initial Calibration

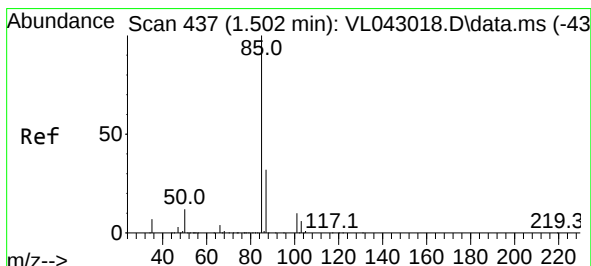
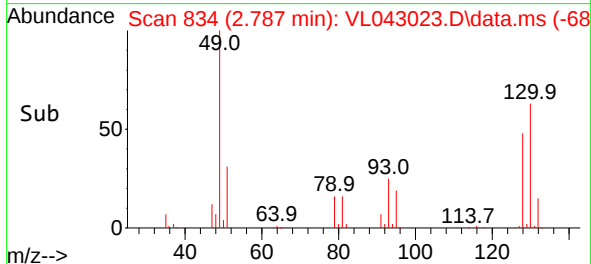
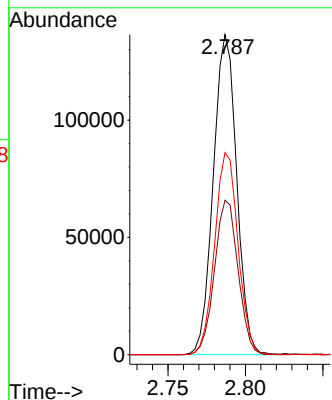
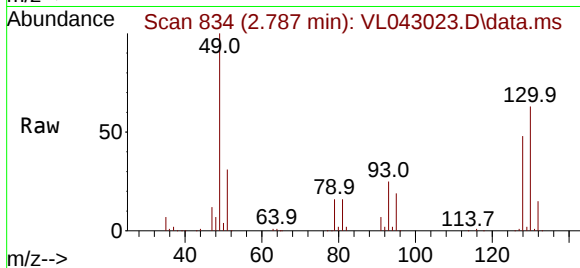




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

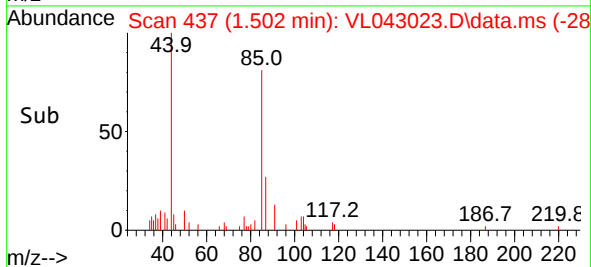
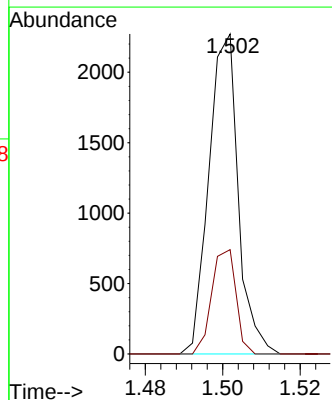
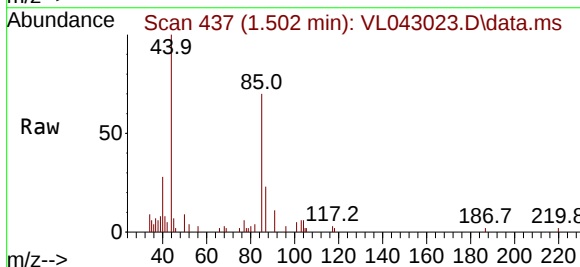
Instrument :
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ClientSampleId :

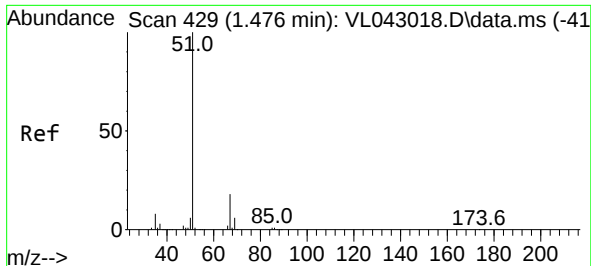
Tgt Ion: 49 Resp: 142955
Ion Ratio Lower Upper
49 100
128 48.7 25.2 75.6
130 63.3 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 0.048 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Tgt Ion: 85 Resp: 1198
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.6

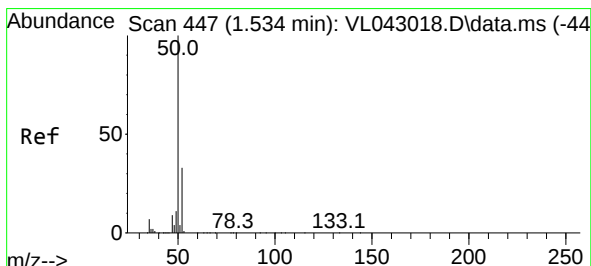
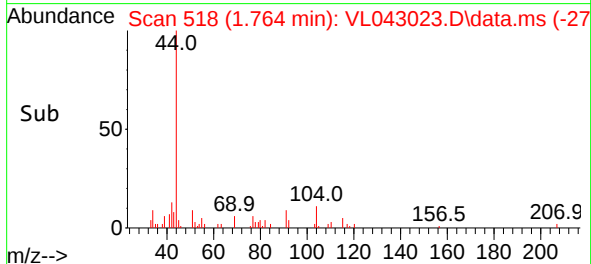
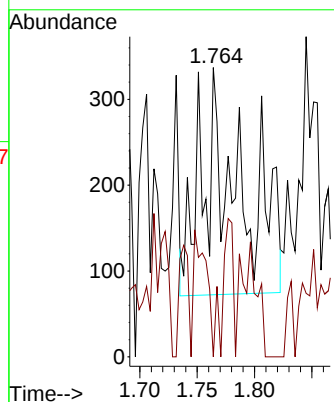
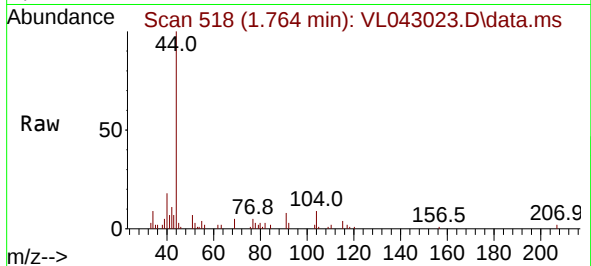




#3
Chlorodifluoromethane
Concen: 0.023 ppbv
RT: 1.764 min Scan# 51
Delta R.T. 0.288 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

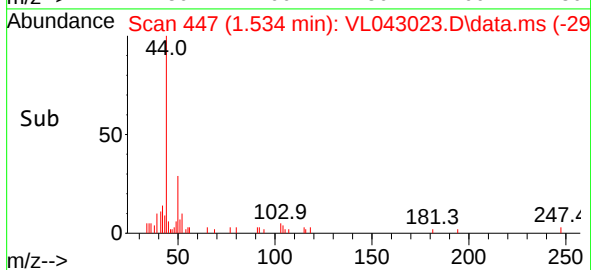
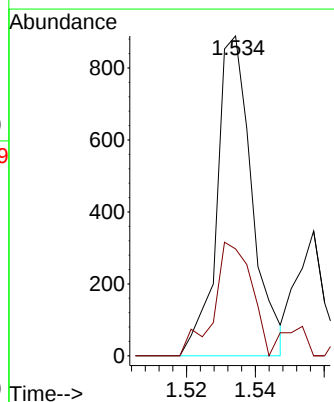
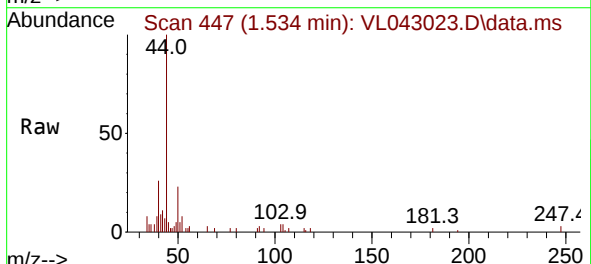
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MSVOA_L
ClientSampleId :

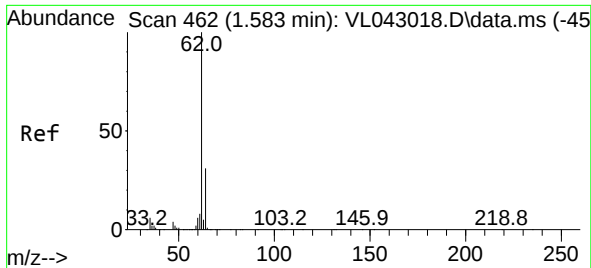
Tgt Ion: 51 Resp: 599
Ion Ratio Lower Upper
51 100
67 18.7 15.1 22.7



#4
Chloromethane
Concen: 0.067 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Tgt Ion: 50 Resp: 630
Ion Ratio Lower Upper
50 100
52 37.0 26.0 39.0

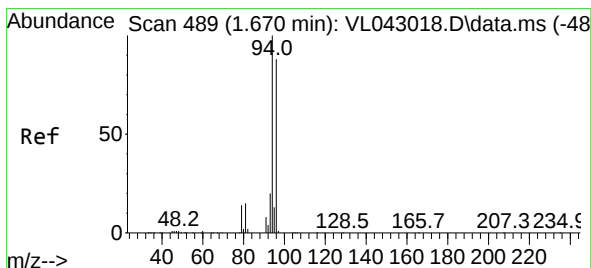
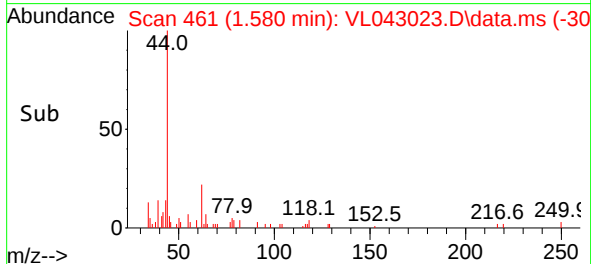
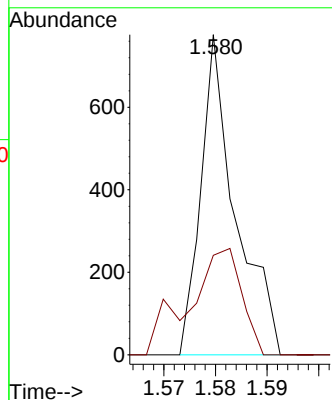
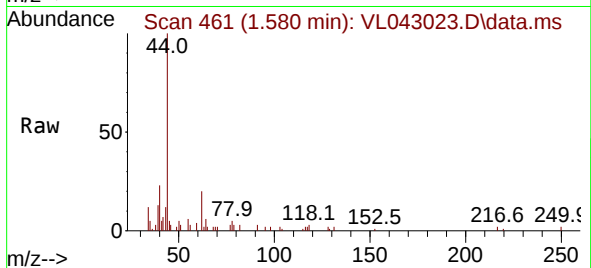




#5
 Vinyl Chloride
 Concen: 0.040 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.003 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

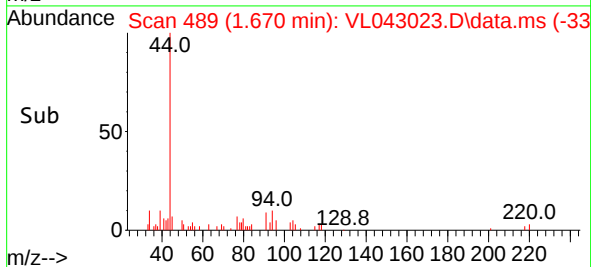
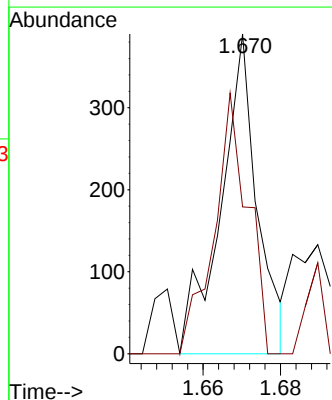
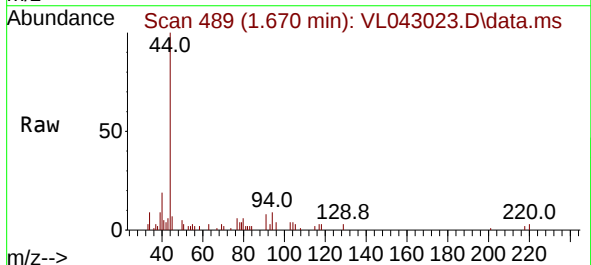
Instrument :
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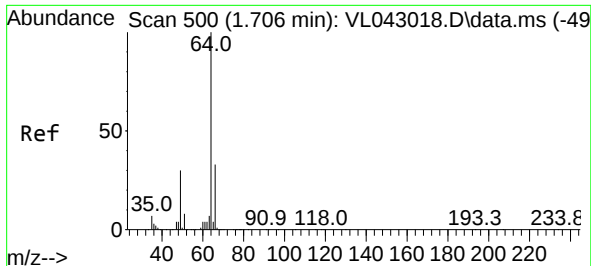
Tgt Ion: 62 Resp: 363
 Ion Ratio Lower Upper
 62 100
 64 31.1 24.6 37.0



#6
 Bromomethane
 Concen: 0.077 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

Tgt Ion: 94 Resp: 255
 Ion Ratio Lower Upper
 94 100
 96 45.9 70.5 105.7#

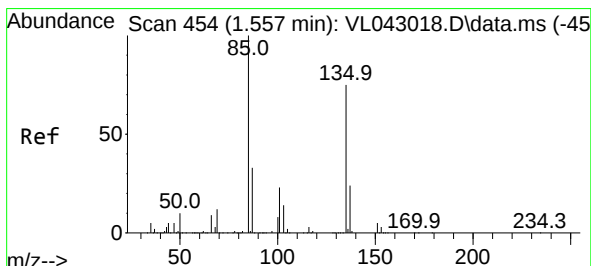
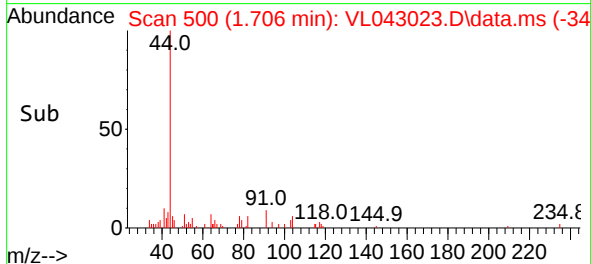
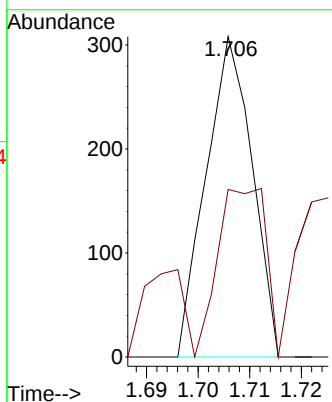
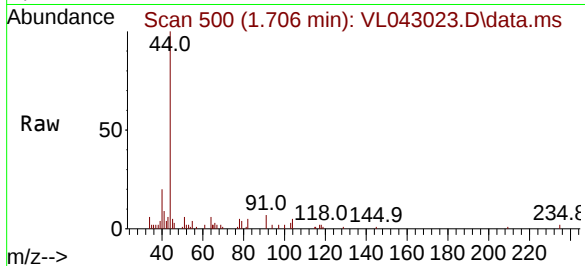




#7
Chloroethane
Concen: 0.053 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

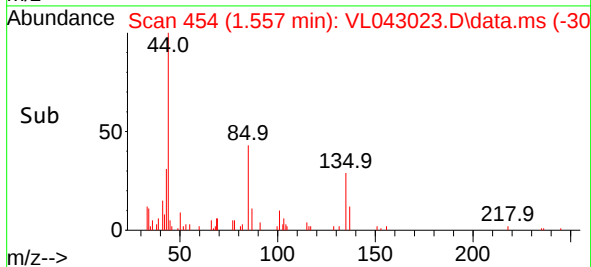
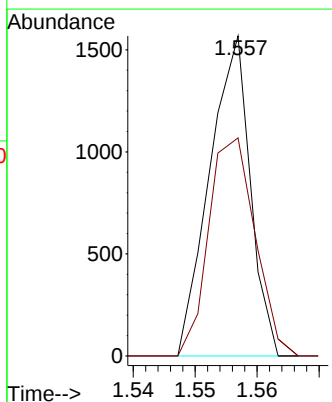
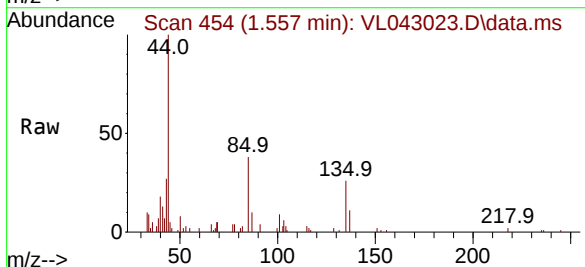
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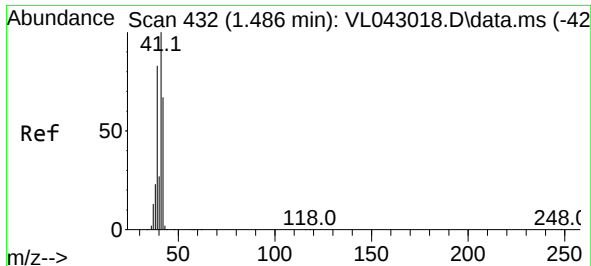
Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 39.0 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 0.035 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Tgt Ion: 85 Resp: 714
Ion Ratio Lower Upper
85 100
135 78.2 57.4 86.0

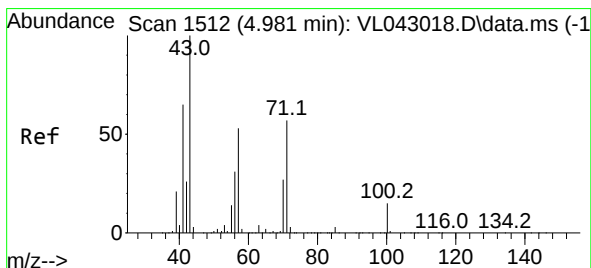
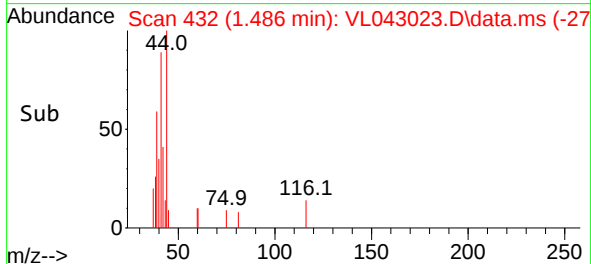
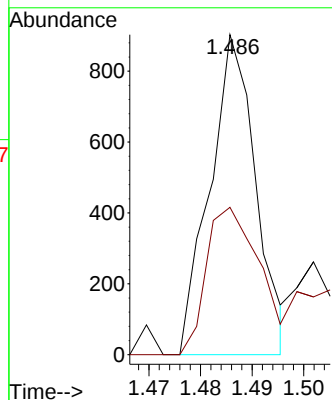
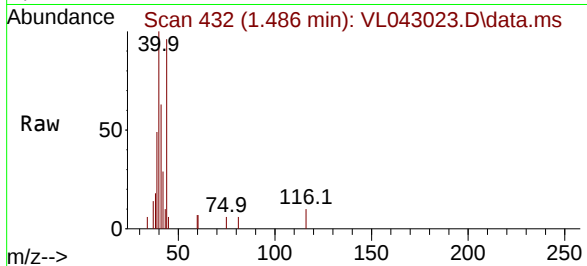




#9
 Propene
 Concen: 0.055 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

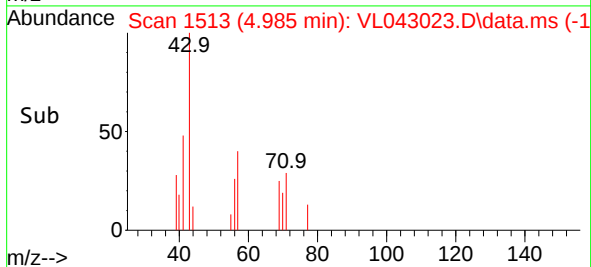
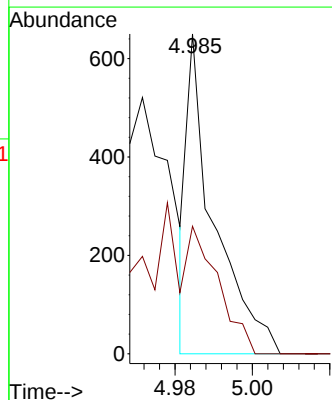
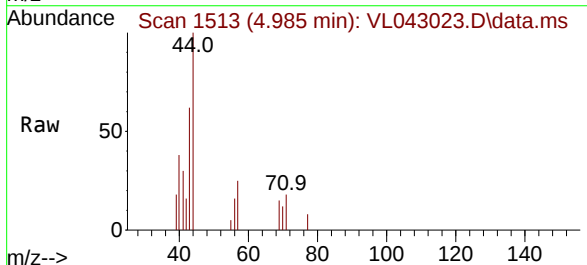
Instrument :
 MSVOA_L
 ClientSampleId :

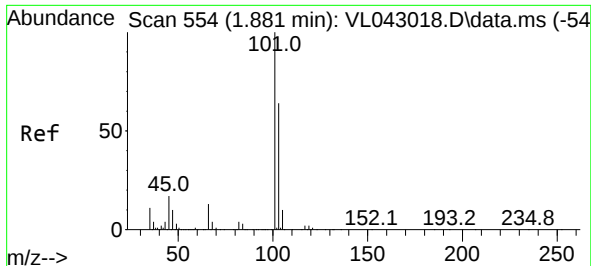
Tgt Ion: 41 Resp: 560
 Ion Ratio Lower Upper
 41 100
 42 79.1 54.2 81.2



#10
 Heptane
 Concen: 0.012 ppbv
 RT: 4.985 min Scan# 1513
 Delta R.T. 0.003 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

Tgt Ion: 43 Resp: 313
 Ion Ratio Lower Upper
 43 100
 57 0.0 40.5 60.7#

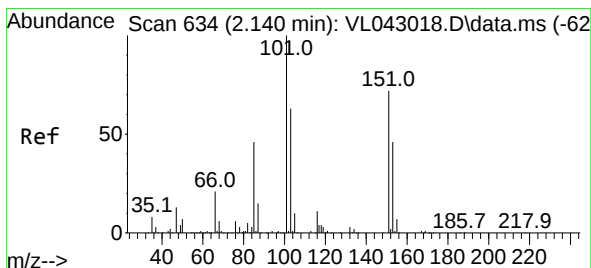
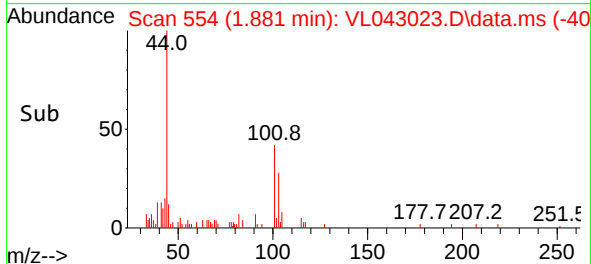
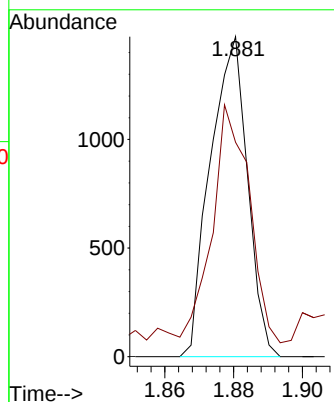
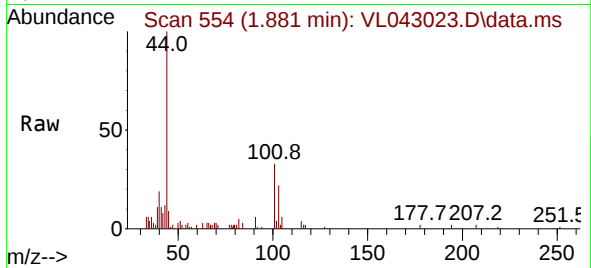




#11
 Trichlorofluoromethane
 Concen: 0.044 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

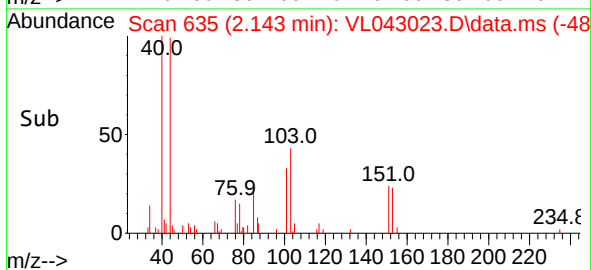
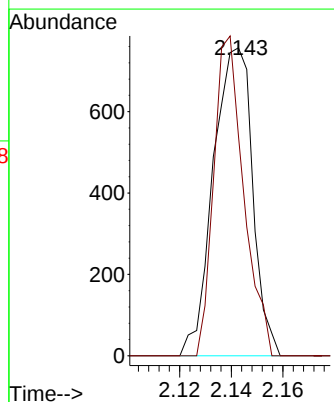
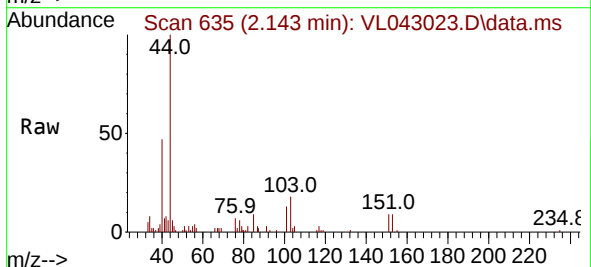
Instrument :
 MSVOA_L
 ClientSampleId :

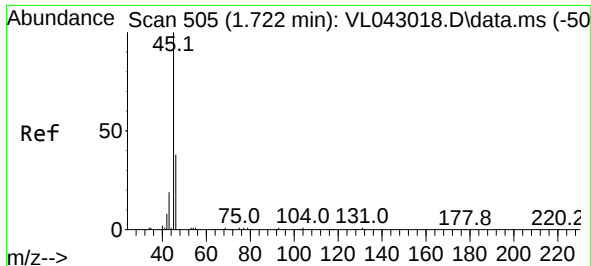
Tgt Ion:101 Resp: 1106
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.4 77.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.040 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.003 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

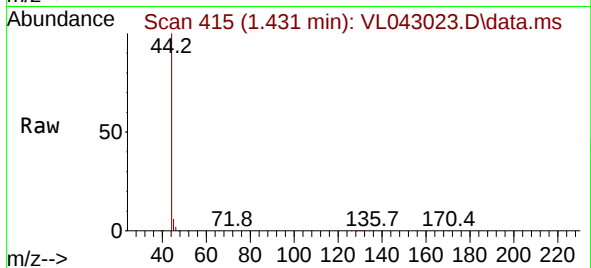
Tgt Ion:101 Resp: 800
 Ion Ratio Lower Upper
 101 100
 151 78.9 60.2 90.4



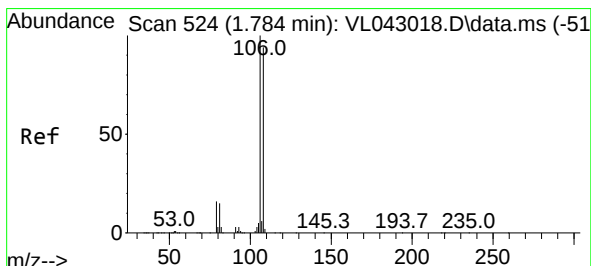
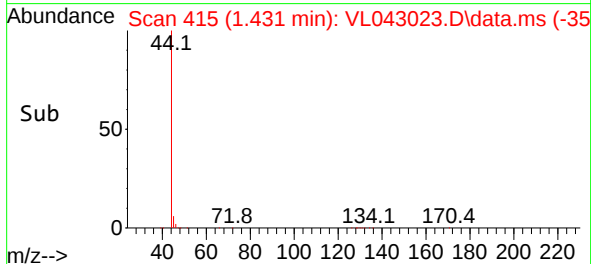
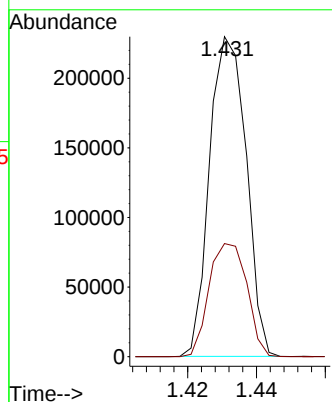


#13
Ethanol
Concen: 227.021 ppbv
RT: 1.431 min Scan# 415
Delta R.T. -0.291 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Instrument :
MSVOA_L
ClientSampleId :

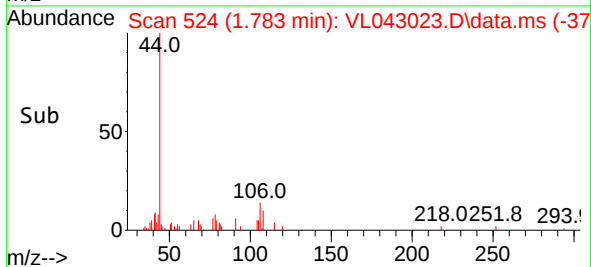
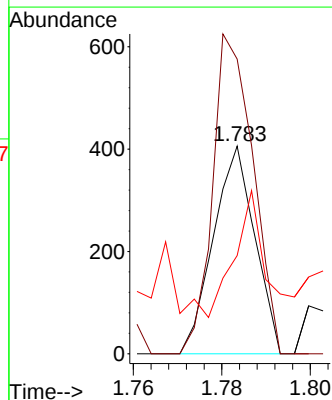
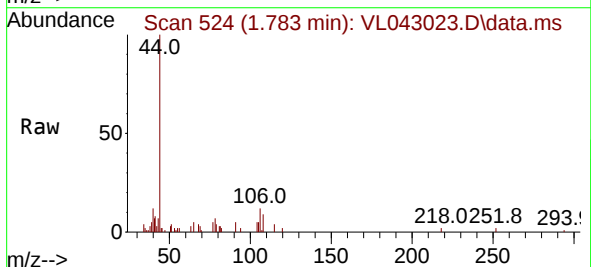


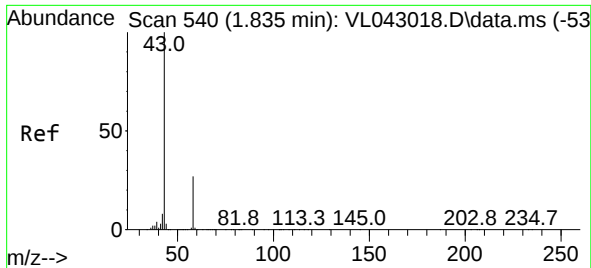
Tgt Ion: 45 Resp: 170026
Ion Ratio Lower Upper
45 100
46 36.6 16.2 64.8



#14
Bromoethene
Concen: 0.036 ppbv
RT: 1.783 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Tgt Ion:108 Resp: 263
Ion Ratio Lower Upper
108 100
106 154.8 85.4 128.0#
79 197.7 13.8 20.8#

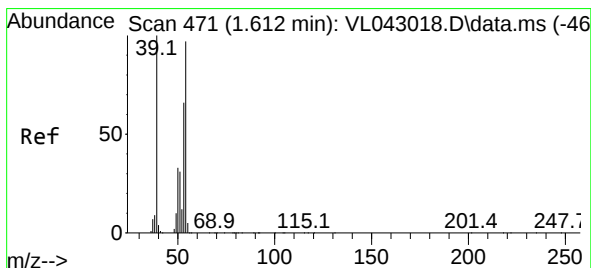
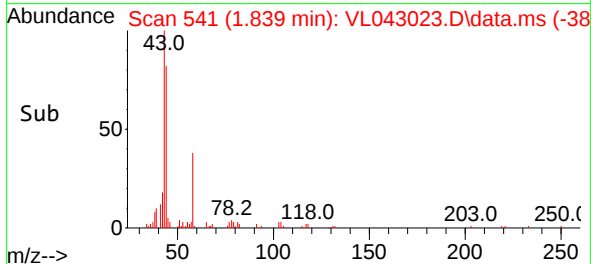
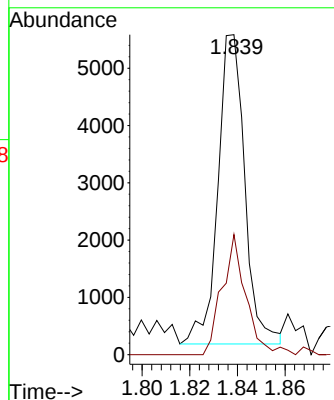
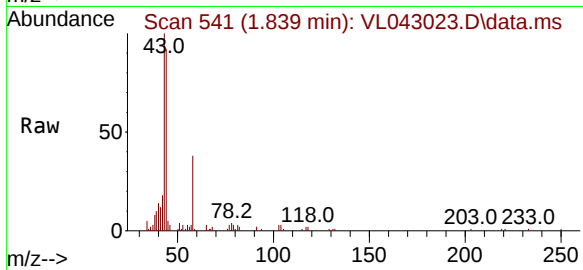




#15
Acetone
Concen: 0.208 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

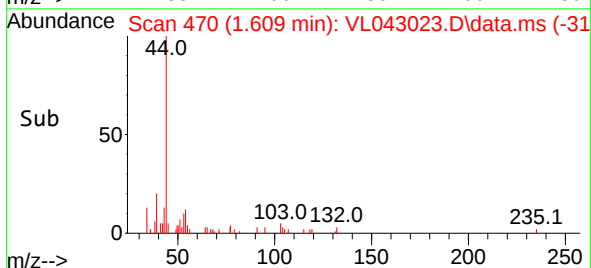
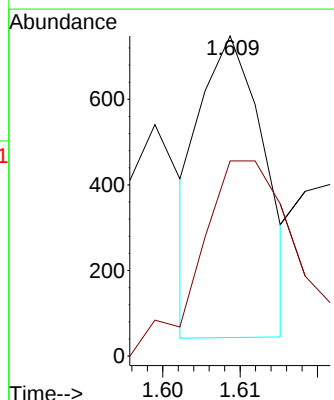
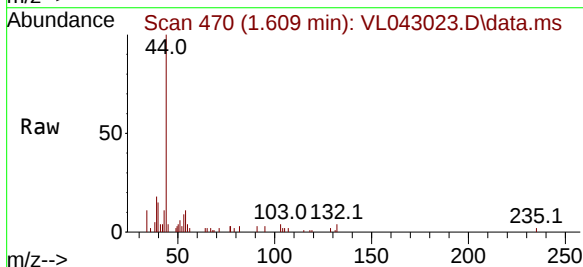
Instrument :
MSVOA_L
ClientSampleId :

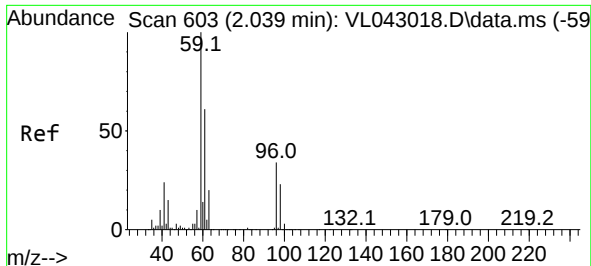
Tgt Ion: 43 Resp: 4241
Ion Ratio Lower Upper
43 100
58 35.5 22.8 34.2#



#16
1,3-Butadiene
Concen: 0.047 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.003 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Tgt Ion: 39 Resp: 406
Ion Ratio Lower Upper
39 100
54 131.8 65.4 98.2#

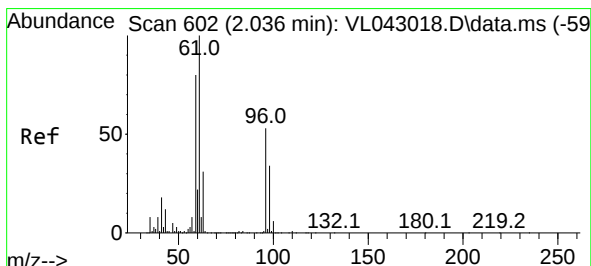
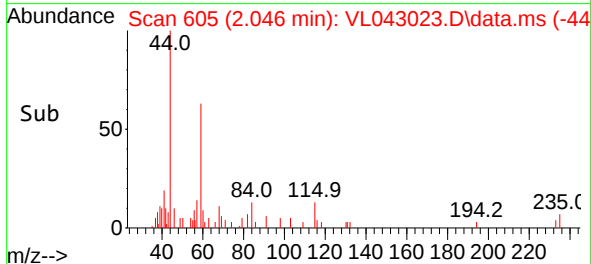
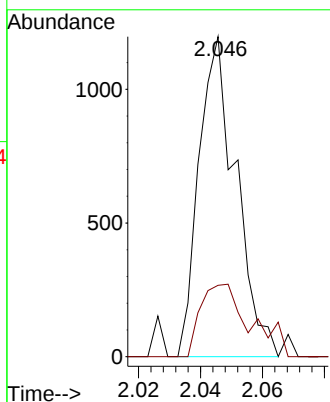
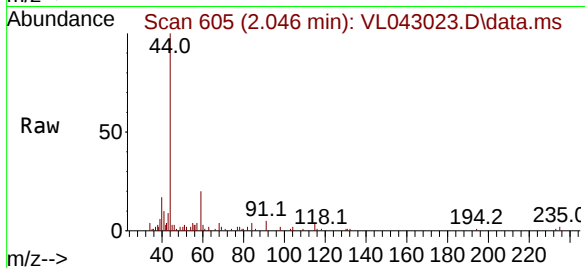




#17
tert-Butyl alcohol
Concen: 0.044 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.006 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

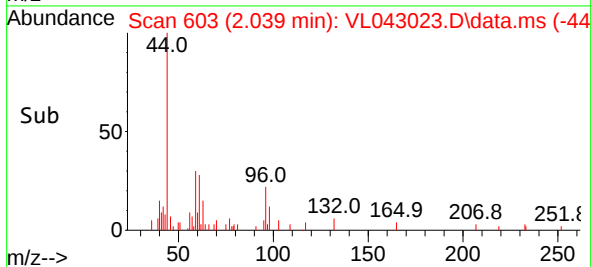
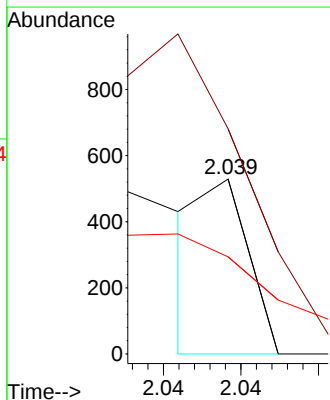
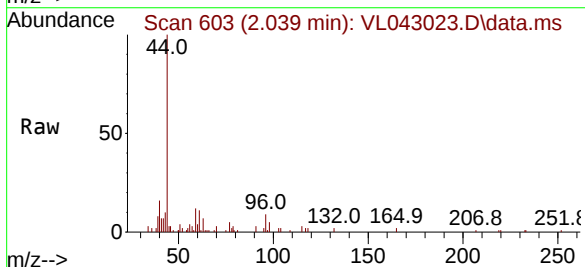
Instrument :
MSVOA_L
ClientSampleId :

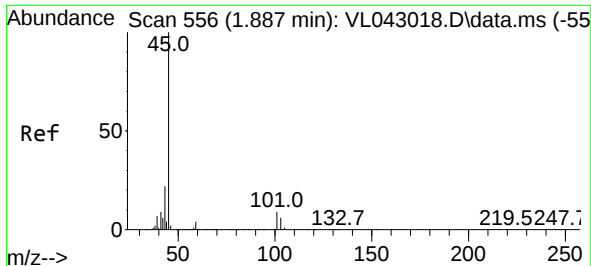
Tgt Ion: 59 Resp: 993
Ion Ratio Lower Upper
59 100
57 30.2 8.4 12.6#



#18
1,1-Dichloroethene
Concen: 0.012 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Tgt Ion: 96 Resp: 103
Ion Ratio Lower Upper
96 100
61 83.6 151.4 227.0#
98 24.8 51.5 77.3#





#19

Isopropyl Alcohol

Concen: 14.184 ppbv

RT: 1.431 min Scan# 415

Delta R.T. -0.457 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Instrument :

MSVOA_L

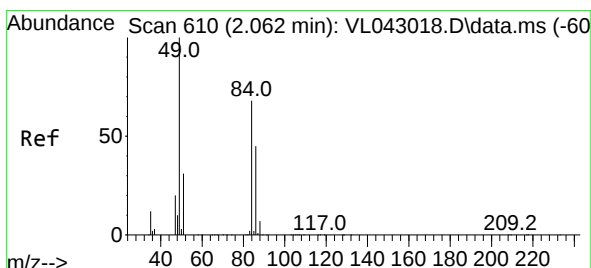
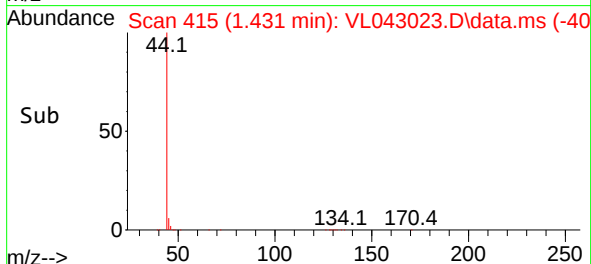
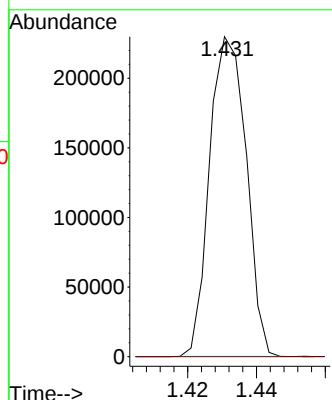
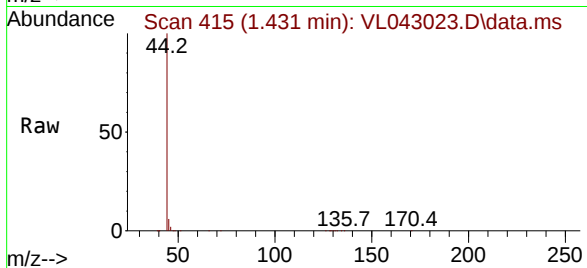
ClientSampleId :

Tgt Ion: 45 Resp: 170026

Ion Ratio Lower Upper

45 100

58 0.1 33.9 50.9#



#20

Methylene Chloride

Concen: 0.526 ppbv

RT: 2.062 min Scan# 610

Delta R.T. -0.000 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Tgt Ion: 84 Resp: 9160

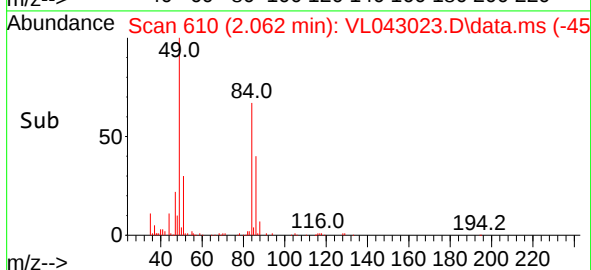
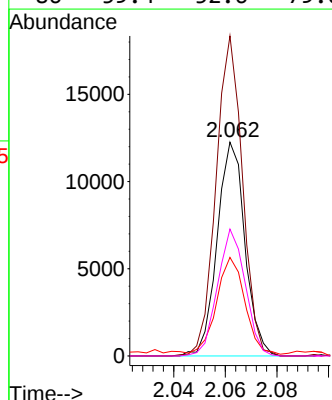
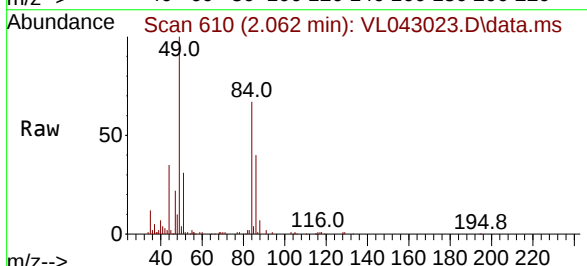
Ion Ratio Lower Upper

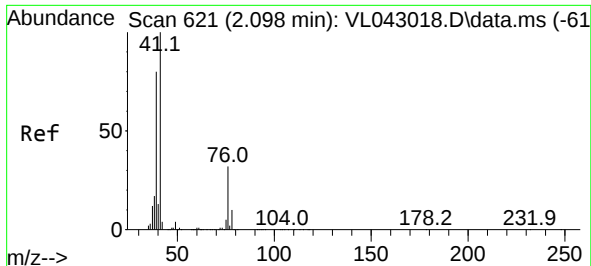
84 100

49 149.7 117.4 176.2

51 47.0 37.4 56.0

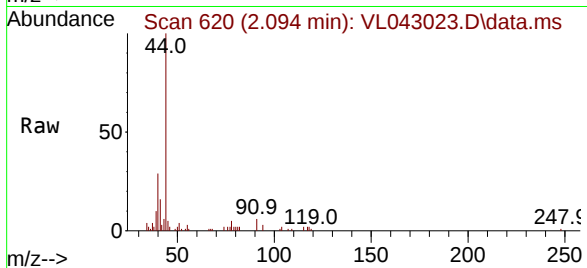
86 59.4 52.6 79.0



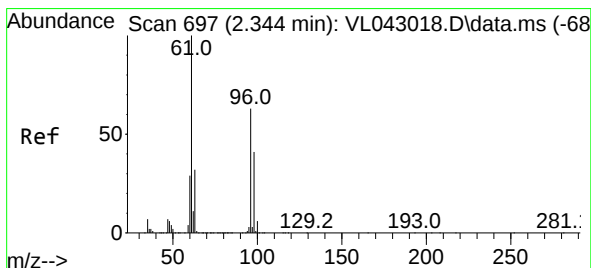
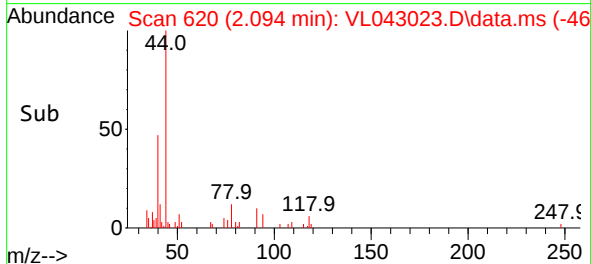
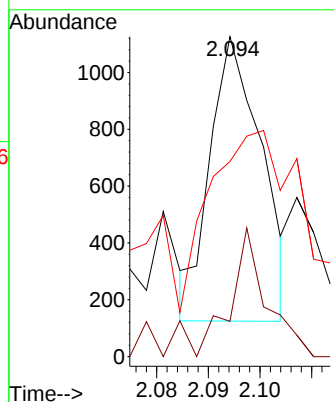


#21
 Allyl Chloride
 Concen: 0.050 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

Instrument :
 MSVOA_L
 ClientSampleId :

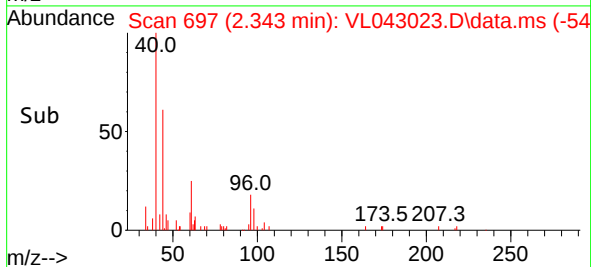
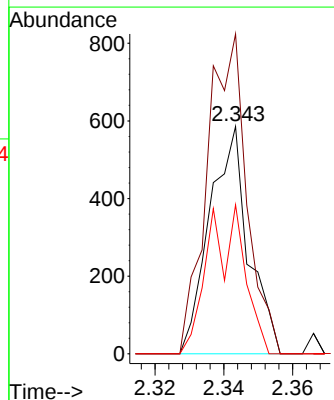
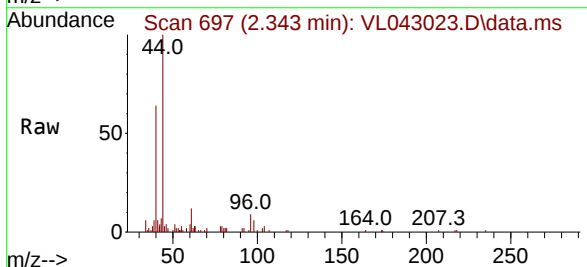


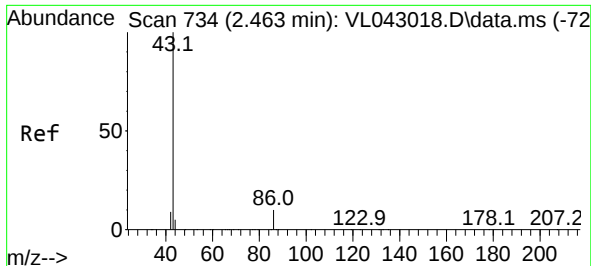
Tgt Ion: 41 Resp: 693
 Ion Ratio Lower Upper
 41 100
 76 41.8 25.6 38.4#
 39 163.1 62.6 94.0#



#22
 trans-1,2-Dichloroethene
 Concen: 0.046 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

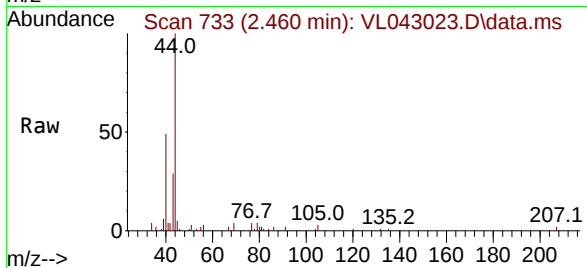
Tgt Ion: 96 Resp: 459
 Ion Ratio Lower Upper
 96 100
 61 140.6 126.1 189.1
 98 65.5 51.3 76.9



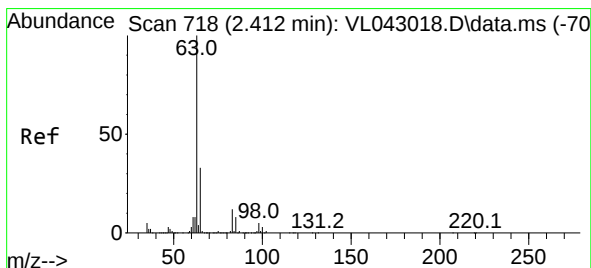
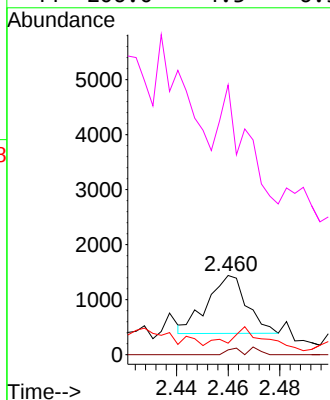
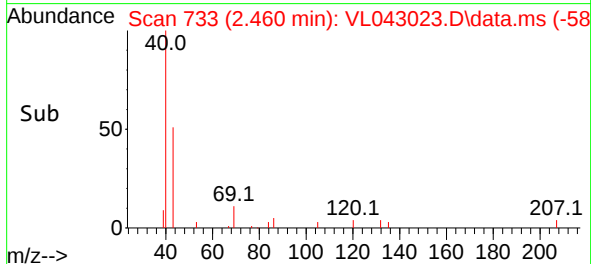


#23
 Vinyl Acetate
 Concen: 0.040 ppbv
 RT: 2.460 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

Instrument :
 MSVOA_L
 ClientSampleId :

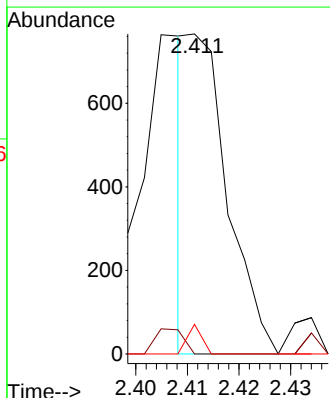
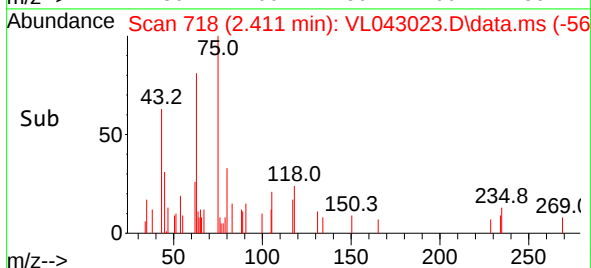
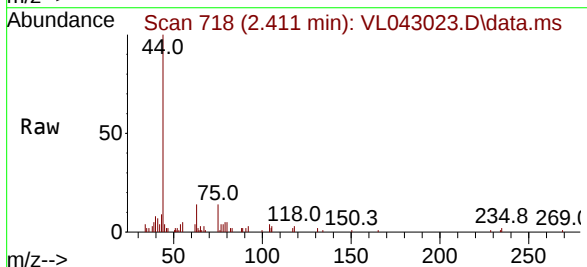


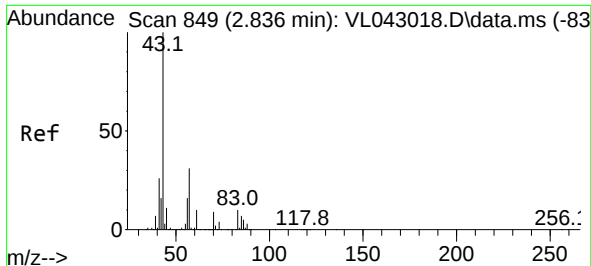
Tgt Ion: 43	Resp: 1119
Ion Ratio	Lower Upper
43 100	
86 8.4	7.1 10.7
42 2.2	7.9 11.9#
44 206.0	4.3 6.5#



#24
 1,1-Dichloroethane
 Concen: 0.022 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

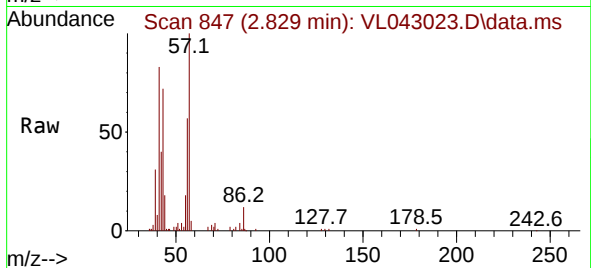
Tgt Ion: 63	Resp: 412		
Ion Ratio	Lower	Upper	
63 100			
98 0.0	2.4	7.2#	
100 9.3	1.6	4.8#	



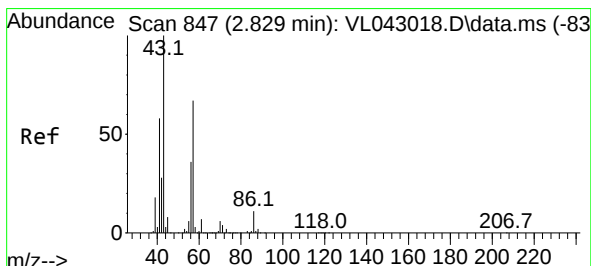
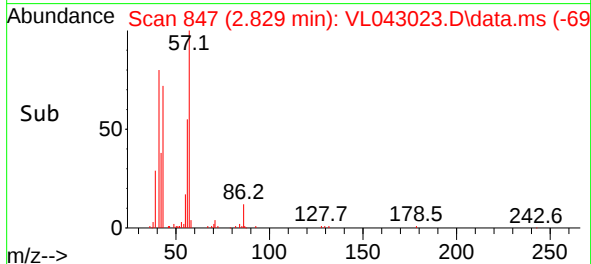
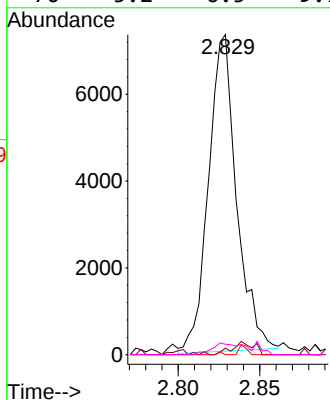


#25
Ethyl Acetate
Concen: 0.168 ppbv
RT: 2.829 min Scan# 849
Delta R.T. -0.007 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Instrument :
MSVOA_L
ClientSampleId :

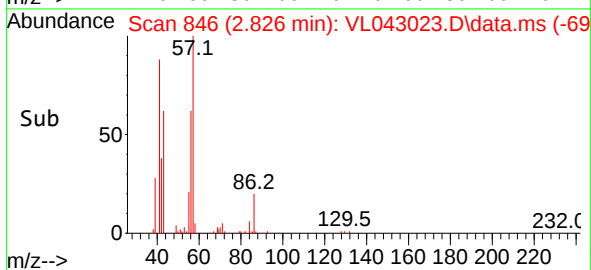
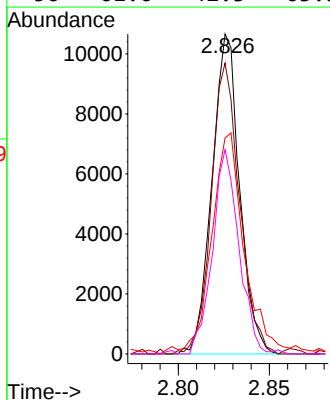
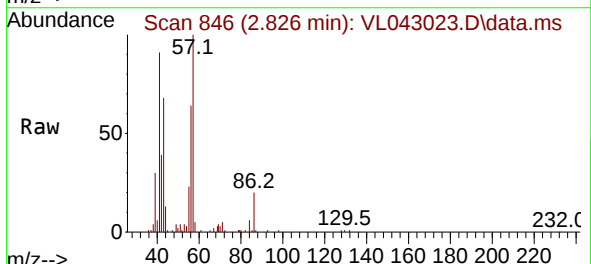


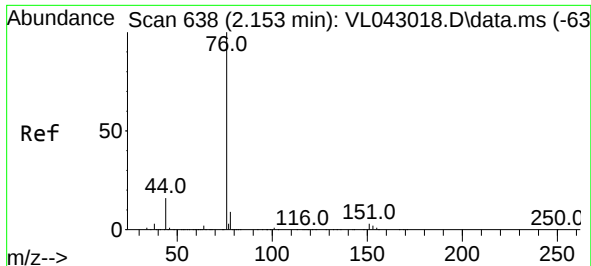
Tgt Ion: 43 Resp: 8752
Ion Ratio Lower Upper
43 100
45 3.1 7.8 11.6#
61 0.9 7.0 10.4#
70 5.2 6.5 9.7#



#26
Hexane
Concen: 0.416 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Tgt Ion: 57 Resp: 11255
Ion Ratio Lower Upper
57 100
41 93.9 70.3 105.5
43 82.3 172.1 258.1#
56 61.6 42.3 63.5





#27

Carbon Disulfide

Concen: 0.043 ppbv

RT: 2.152 min Scan# 61

Delta R.T. -0.000 min

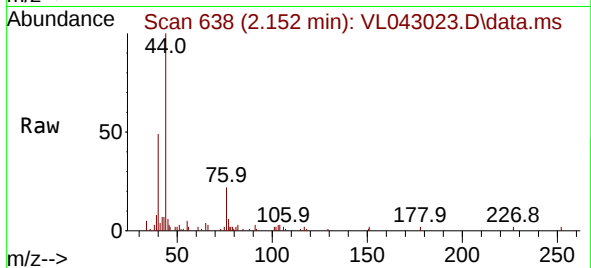
Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

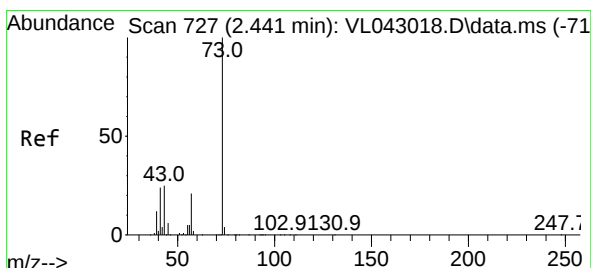
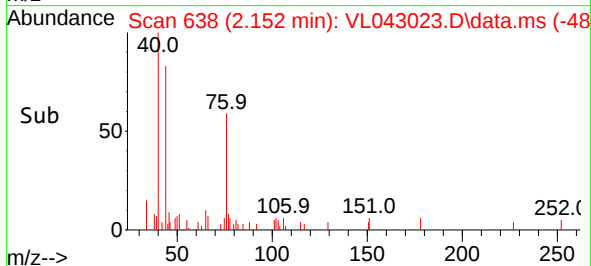
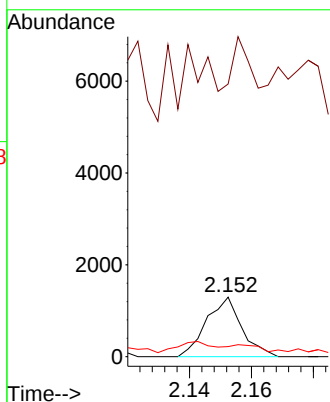
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 76	Resp: 1023
Ion Ratio	Lower Upper
76	100
44	1051.3 14.6 21.8#
78	50.0 9.4 14.2#



#28

Methyl tert-Butyl Ether

Concen: 0.038 ppbv

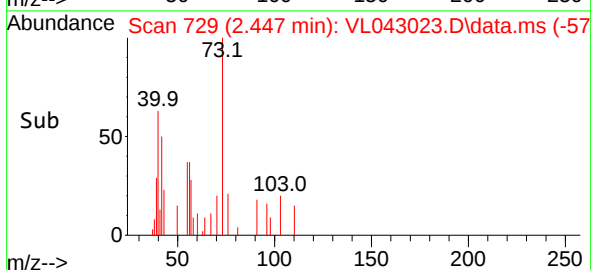
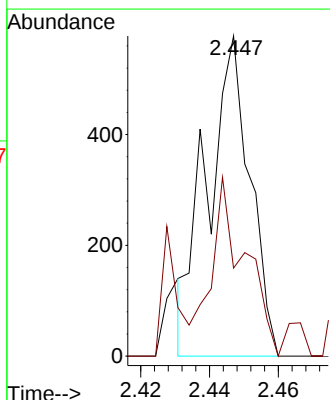
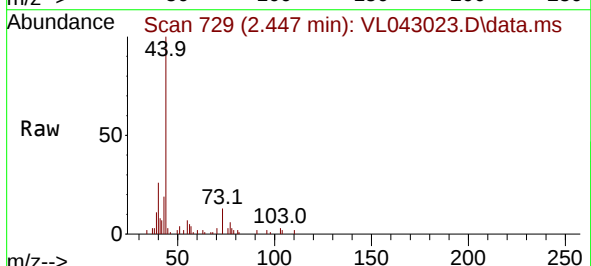
RT: 2.447 min Scan# 729

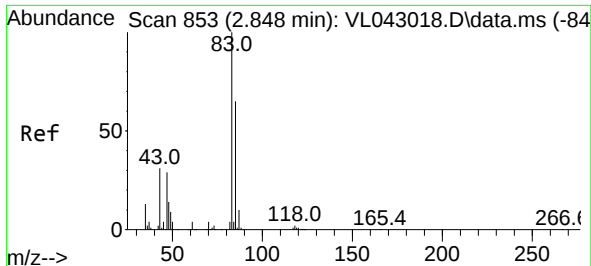
Delta R.T. 0.006 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Tgt Ion: 73	Resp: 498
Ion Ratio	Lower Upper
73	100
57	73.5 17.7 26.5#





#29

Chloroform

Concen: 0.016 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.003 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Instrument :

MSVOA_L

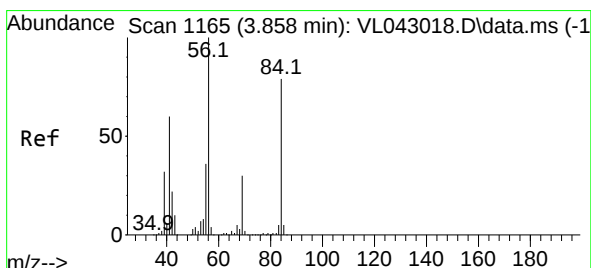
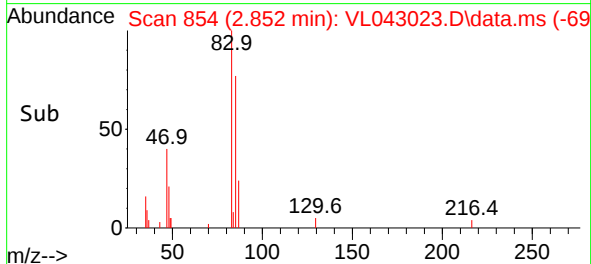
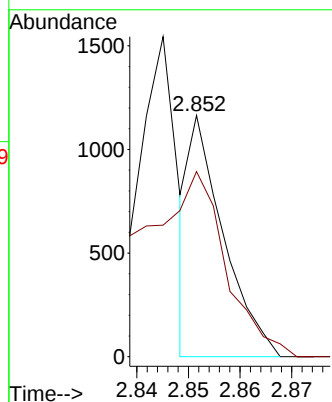
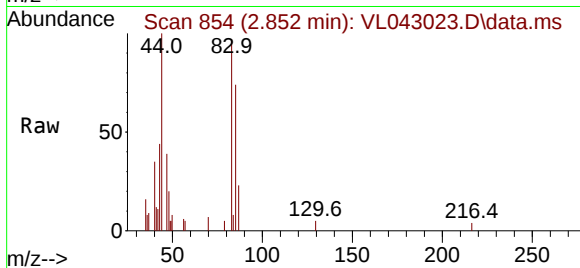
ClientSampleId :

Tgt Ion: 83 Resp: 536

Ion Ratio Lower Upper

83 100

85 71.4 51.7 77.5



#30

Cyclohexane

Concen: 0.013 ppbv

RT: 3.861 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

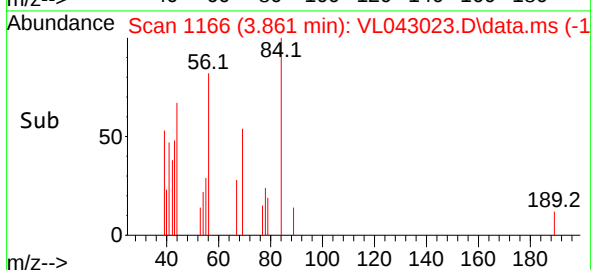
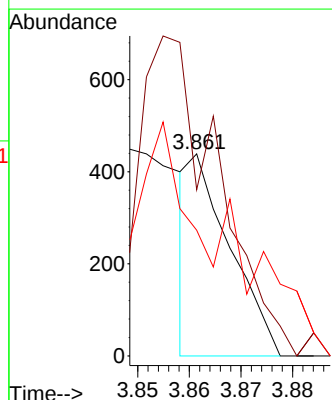
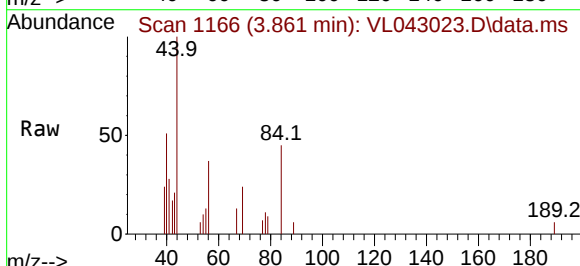
Tgt Ion: 84 Resp: 241

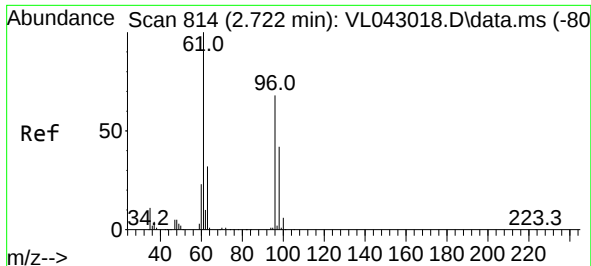
Ion Ratio Lower Upper

84 100

56 0.0 97.3 145.9#

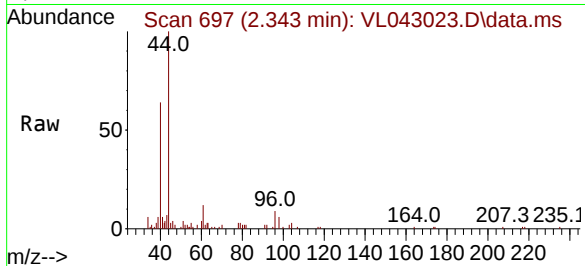
41 0.0 62.6 93.8#





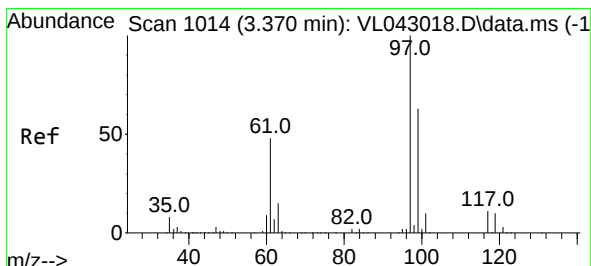
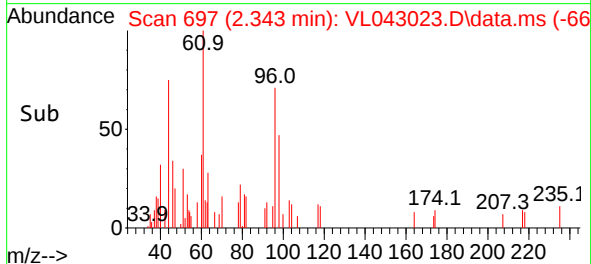
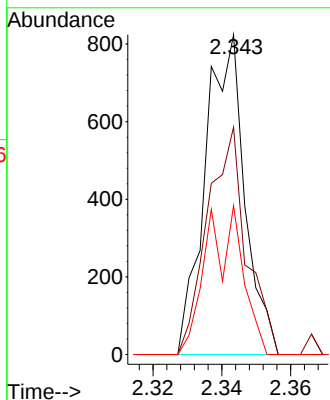
#31
 cis-1,2-Dichloroethene
 Concen: 0.030 ppbv
 RT: 2.343 min Scan# 61
 Delta R.T. -0.379 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 61 Resp: 656

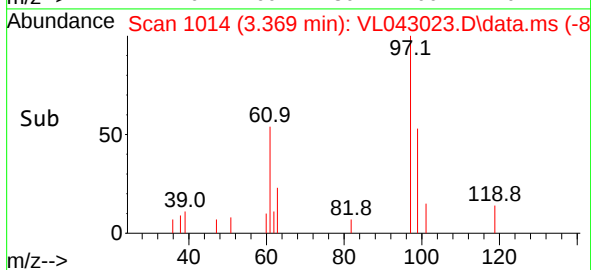
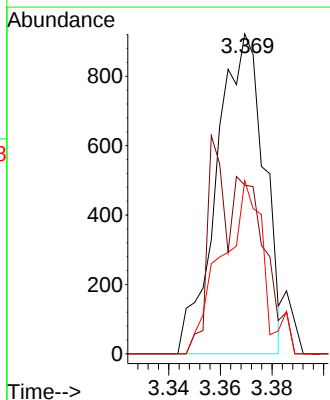
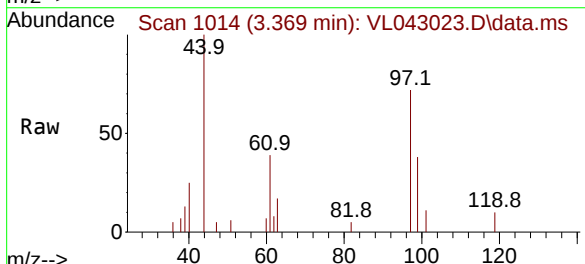
Ion	Ratio	Lower	Upper
61	100		
96	71.1	54.4	81.6
98	46.6	33.7	50.5

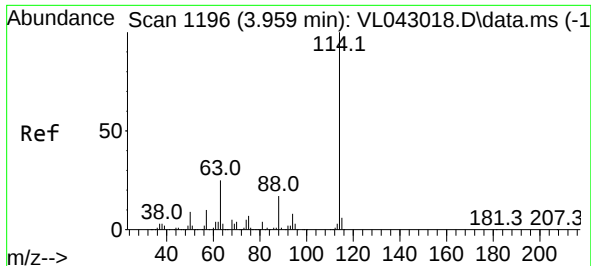


#32
 1,1,1-Trichloroethane
 Concen: 0.034 ppbv
 RT: 3.369 min Scan# 1014
 Delta R.T. -0.000 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

Tgt Ion: 97 Resp: 1171

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	47.7	38.8	58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.003 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Instrument :

MSVOA_L

ClientSampleId :

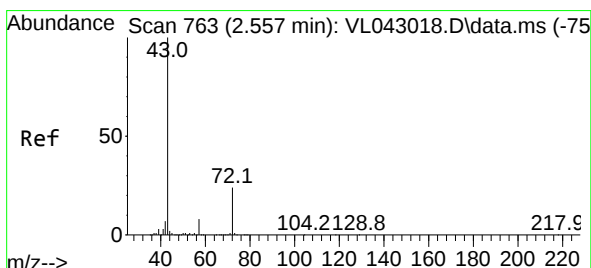
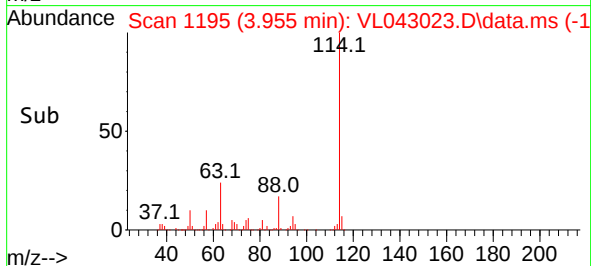
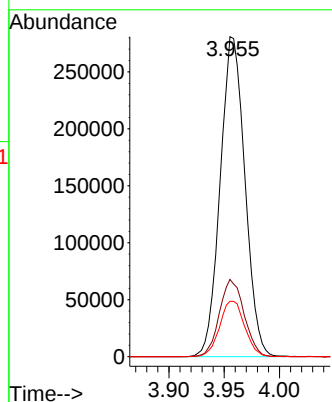
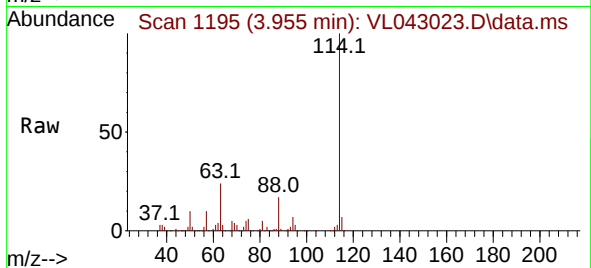
Tgt Ion:114 Resp: 436249

Ion Ratio Lower Upper

114 100

63 24.2 19.7 29.5

88 17.6 13.8 20.6



#34

2-Butanone

Concen: 0.046 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.010 min

Lab File: VL043023.D

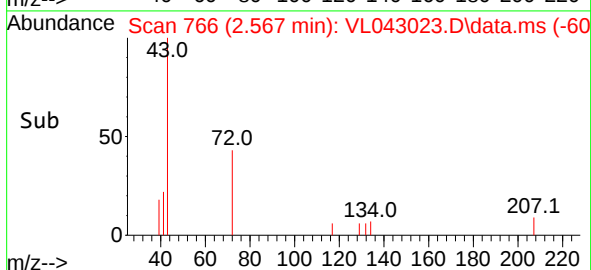
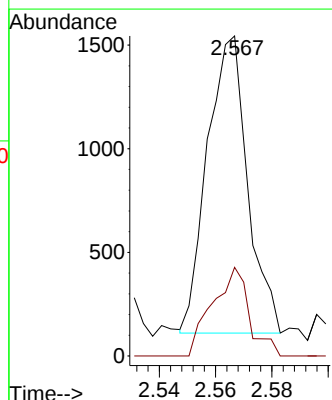
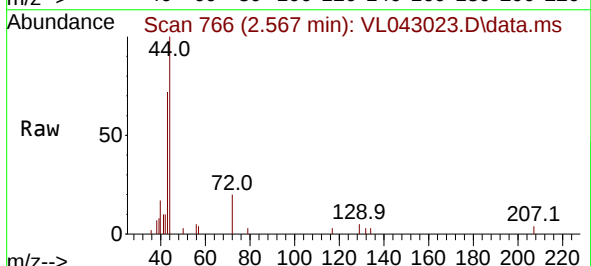
Acq: 30 Sep 2025 11:53

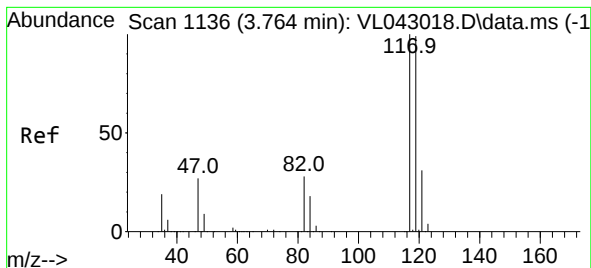
Tgt Ion: 43 Resp: 1421

Ion Ratio Lower Upper

43 100

72 27.3 18.7 28.1





#35

Carbon Tetrachloride

Concen: 0.018 ppbv

RT: 3.758 min Scan# 1136

Delta R.T. -0.007 min

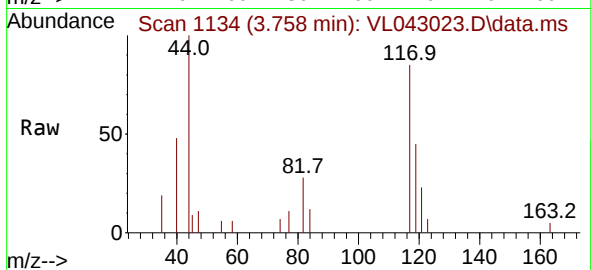
Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Instrument :

MSVOA_L

ClientSampleId :



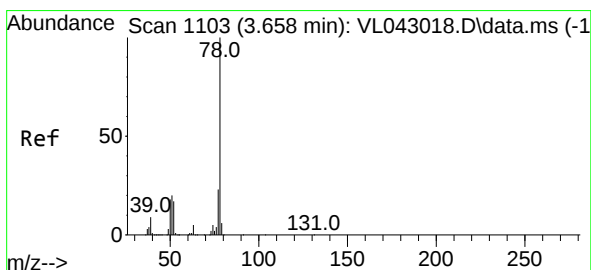
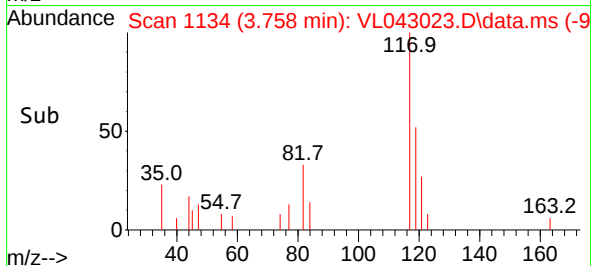
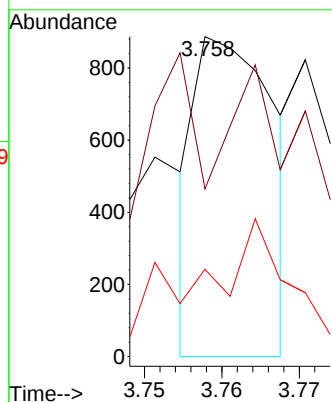
Tgt Ion:117 Resp: 623

Ion Ratio Lower Upper

117 100

119 0.0 79.1 118.7#

121 25.3 24.5 36.7



#36

Benzene

Concen: 0.045 ppbv

RT: 3.657 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

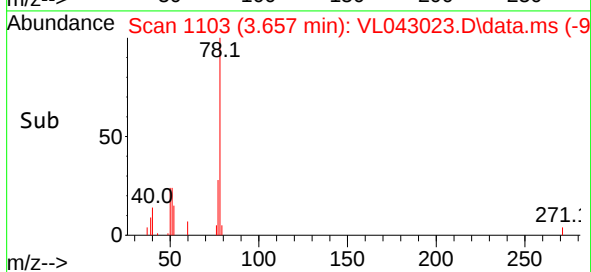
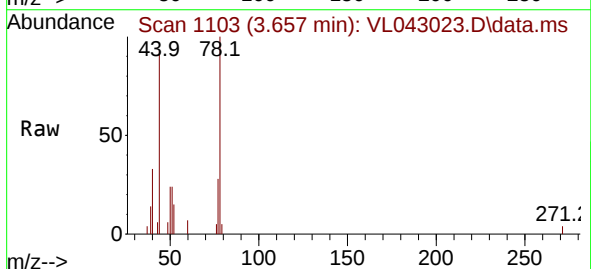
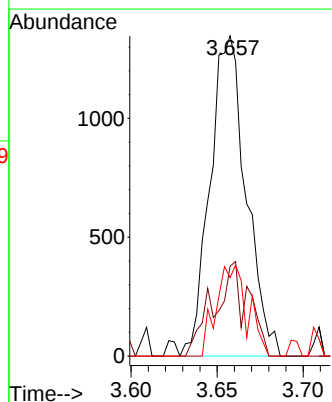
Tgt Ion: 78 Resp: 1963

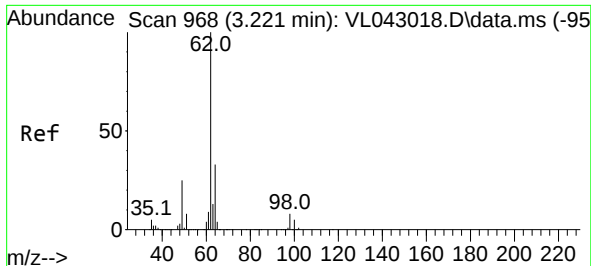
Ion Ratio Lower Upper

78 100

77 28.1 18.8 28.2

50 24.5 14.5 21.7#

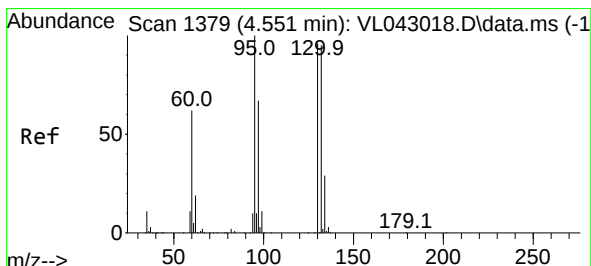
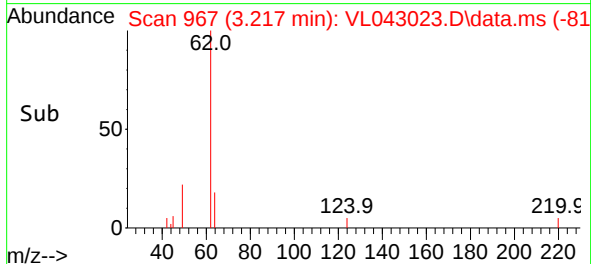
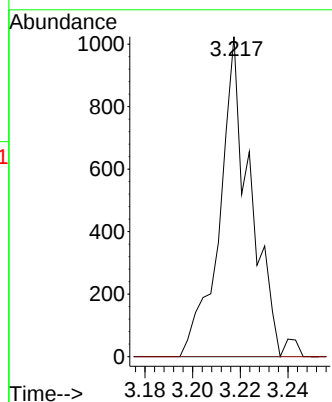
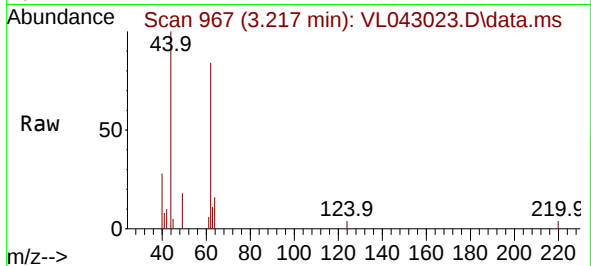




#37
1,2-Dichloroethane
Concen: 0.036 ppbv
RT: 3.217 min Scan# 90
Delta R.T. -0.003 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

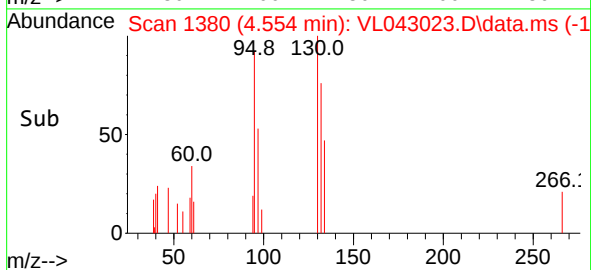
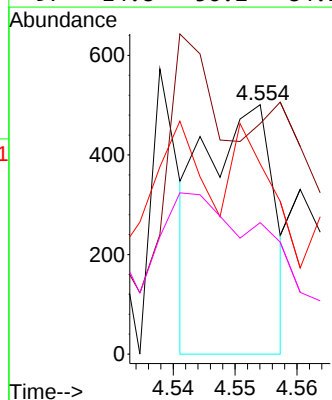
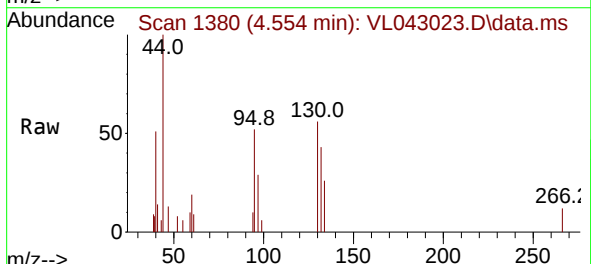
Instrument :
MSVOA_L
ClientSampleId :

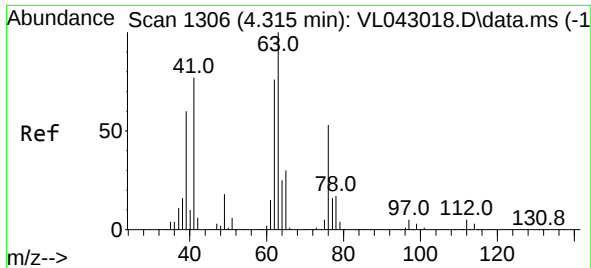
Tgt Ion: 62 Resp: 904
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#



#38
Trichloroethene
Concen: 0.017 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Tgt Ion:130 Resp: 389
Ion Ratio Lower Upper
130 100
95 0.0 83.4 125.0#
132 28.5 79.0 118.4#
97 14.8 56.2 84.2#





#39

1,2-Dichloropropane

Concen: 6.567 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.359 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Instrument :

MSVOA_L

ClientSampleId :

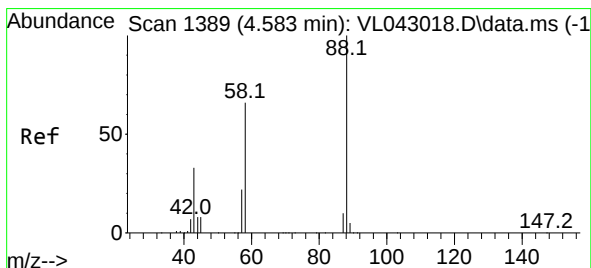
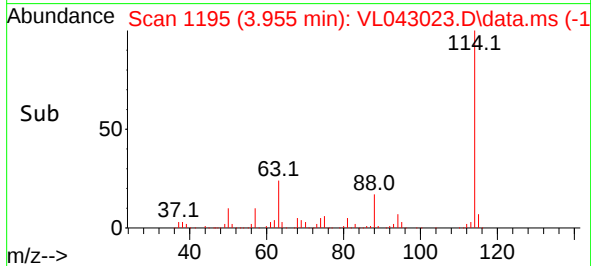
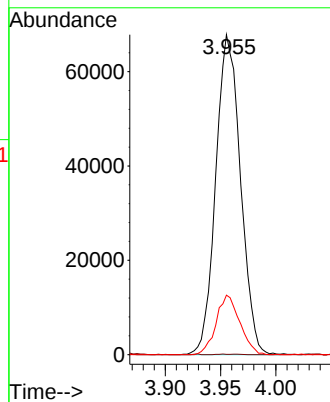
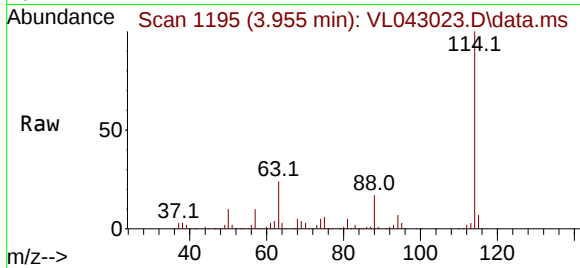
Tgt Ion: 63 Resp: 105438

Ion Ratio Lower Upper

63 100

41 0.1 62.3 93.5#

62 18.6 60.5 90.7#



#40

1,4-Dioxane

Concen: 0.004 ppbv

RT: 4.599 min Scan# 1394

Delta R.T. 0.016 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Tgt Ion: 88 Resp: 24

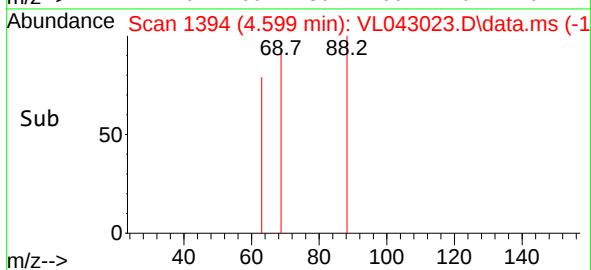
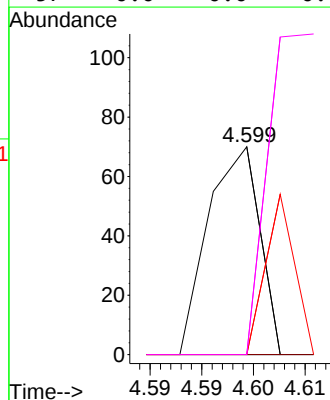
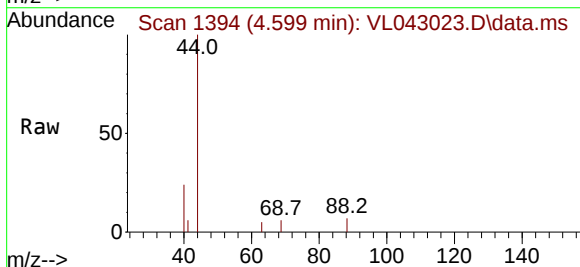
Ion Ratio Lower Upper

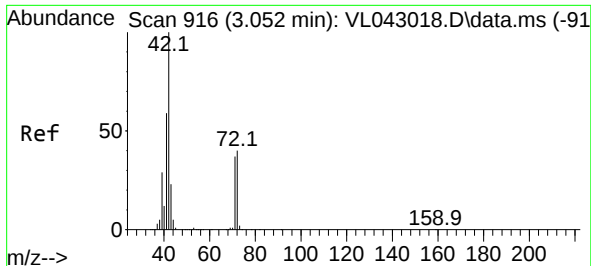
88 100

58 0.0 59.3 88.9#

43 270.8 24.3 36.5#

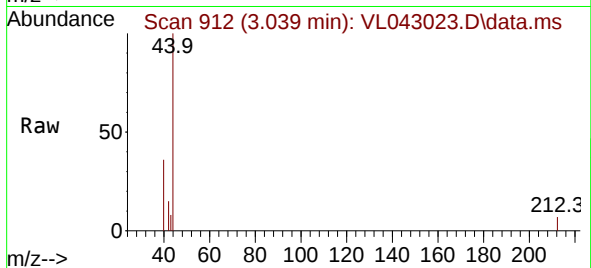
57 0.0 0.0 0.0



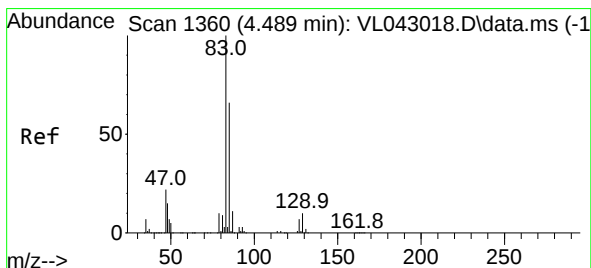
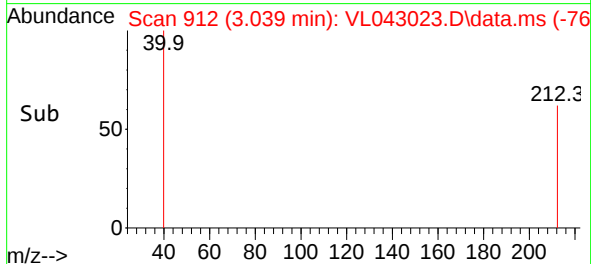
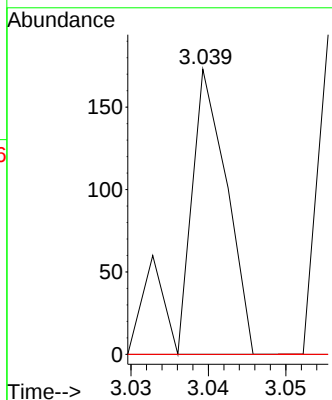


#41
Tetrahydrofuran
Concen: 0.003 ppbv
RT: 3.039 min Scan# 916
Delta R.T. -0.013 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Instrument :
MSVOA_L
ClientSampleId :

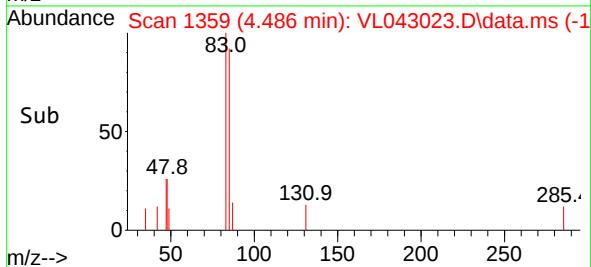
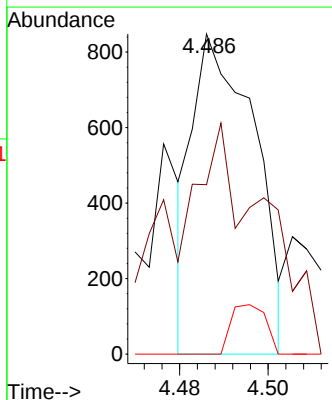
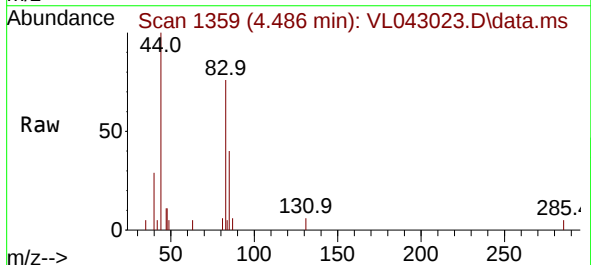


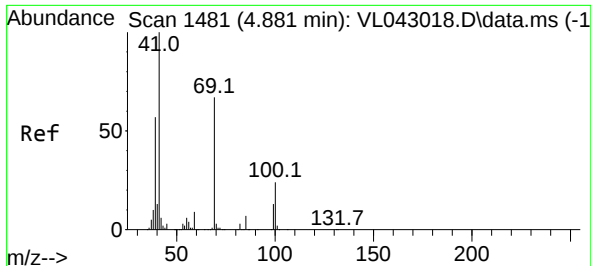
Tgt Ion: 42 Resp: 53
Ion Ratio Lower Upper
42 100
72 0.0 31.6 47.4#
71 0.0 30.4 45.6#



#42
Bromodichloromethane
Concen: 0.024 ppbv
RT: 4.486 min Scan# 1359
Delta R.T. -0.003 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Tgt Ion: 83 Resp: 827
Ion Ratio Lower Upper
83 100
85 28.9 52.6 78.8#
127 0.0 5.7 8.5#

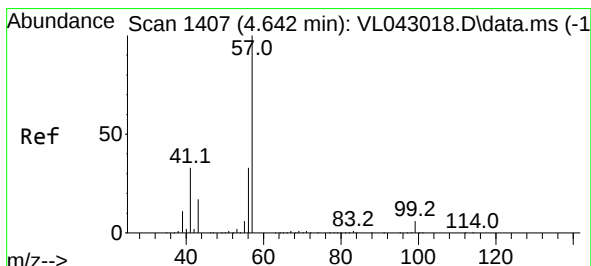
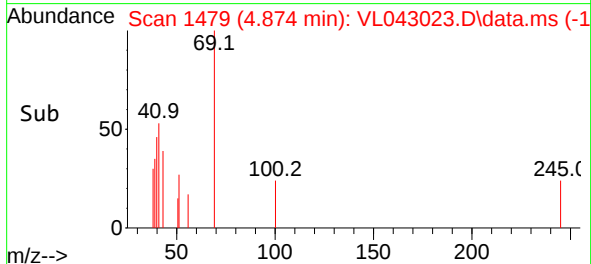
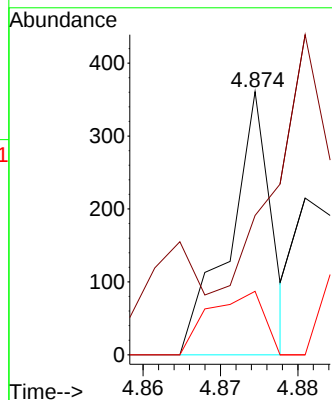
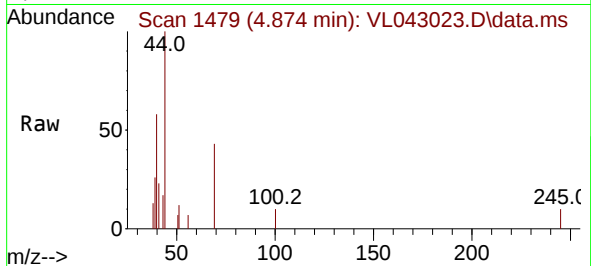




#43
Methyl Methacrylate
Concen: 0.009 ppbv
RT: 4.874 min Scan# 1479
Delta R.T. -0.007 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

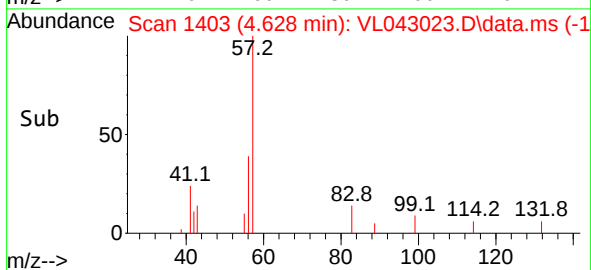
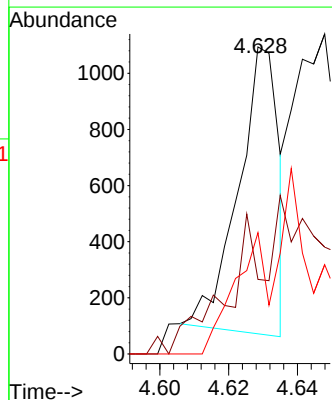
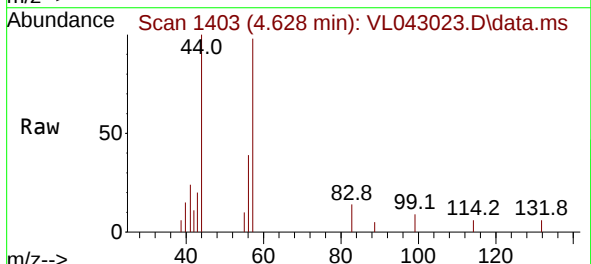
Instrument :
MSVOA_L
ClientSampleId :

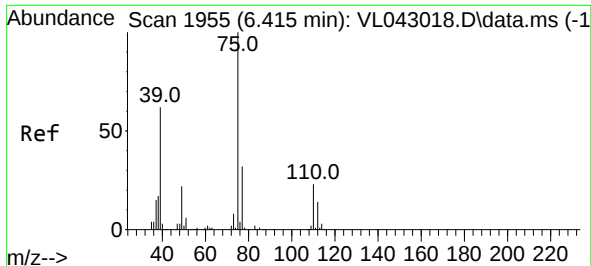
Tgt Ion: 69 Resp: 136
Ion Ratio Lower Upper
69 100
41 677.2 117.6 176.4#
100 0.0 29.0 43.6#



#44
2,2,4-Trimethylpentane
Concen: 0.012 ppbv
RT: 4.628 min Scan# 1403
Delta R.T. -0.013 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Tgt Ion: 57 Resp: 828
Ion Ratio Lower Upper
57 100
41 135.4 26.2 39.2#
56 99.8 25.9 38.9#

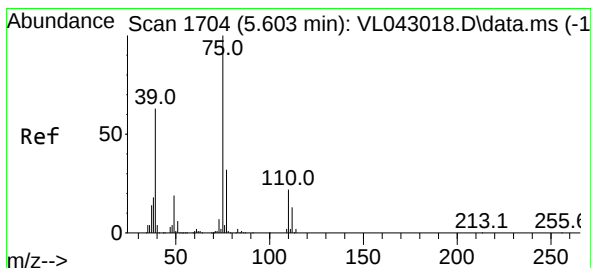
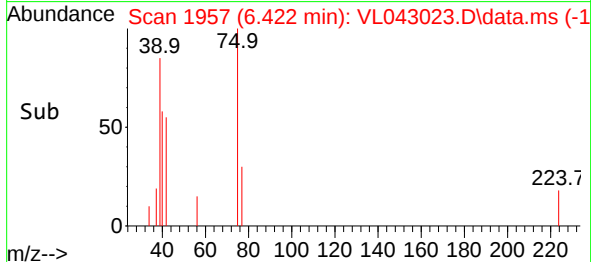
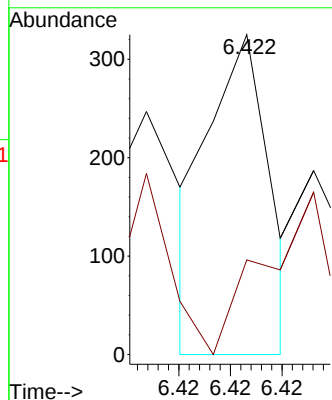
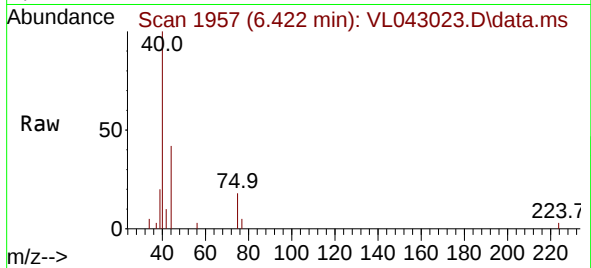




#45
 t-1,3-Dichloropropene
 Concen: 0.008 ppbv
 RT: 6.422 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

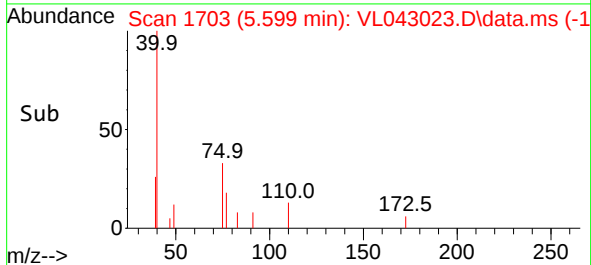
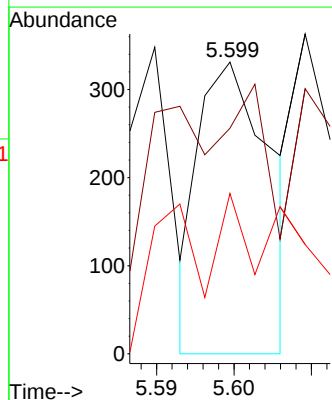
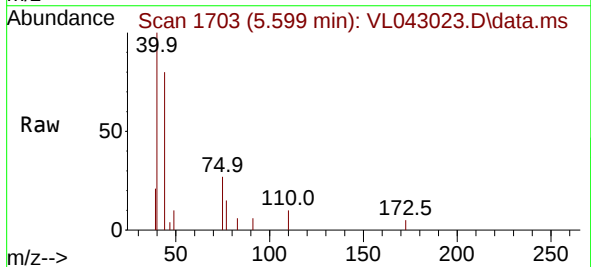
Instrument :
 MSVOA_L
 ClientSampleId :

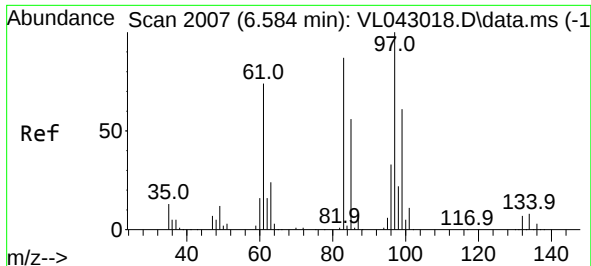
Tgt Ion: 75 Resp: 132
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.8 38.6



#46
 cis-1,3-Dichloropropene
 Concen: 0.009 ppbv
 RT: 5.599 min Scan# 1703
 Delta R.T. -0.003 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

Tgt Ion: 75 Resp: 213
 Ion Ratio Lower Upper
 75 100
 39 56.0 50.2 75.2
 77 6.7 25.4 38.0#





#47

1,1,2-Trichloroethane

Concen: 0.010 ppbv

RT: 6.583 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 163

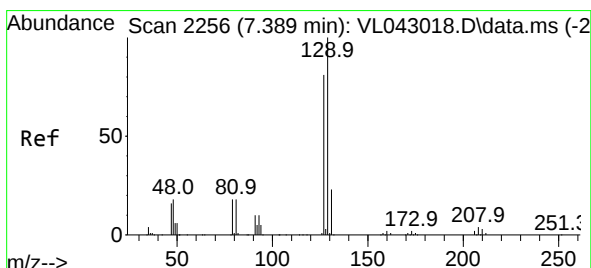
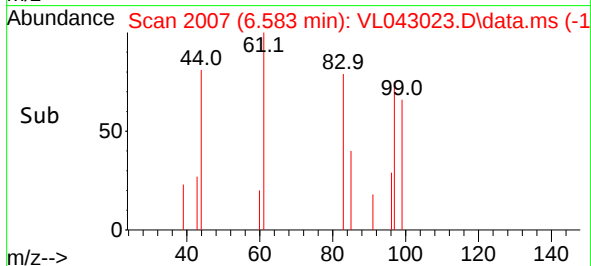
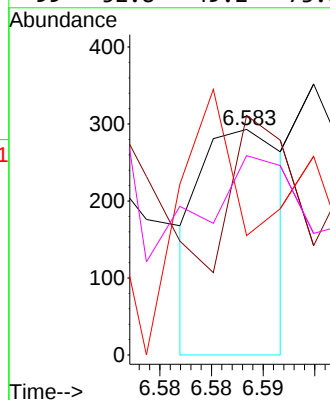
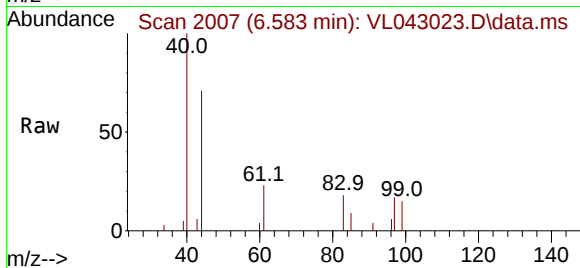
Ion Ratio Lower Upper

97 100

83 130.4 69.6 104.4#

85 0.0 44.6 66.8#

99 52.8 49.2 73.8



#48

Dibromochloromethane

Concen: 0.019 ppbv

RT: 7.380 min Scan# 2253

Delta R.T. -0.010 min

Lab File: VL043023.D

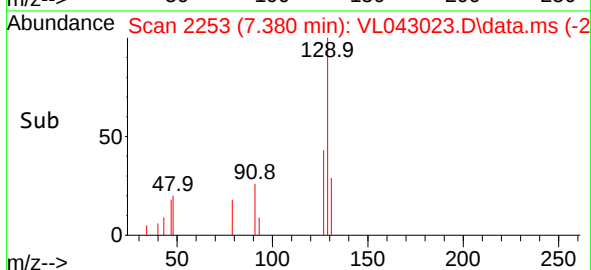
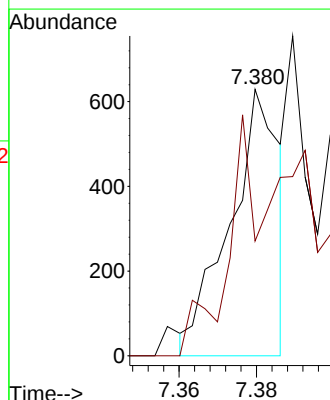
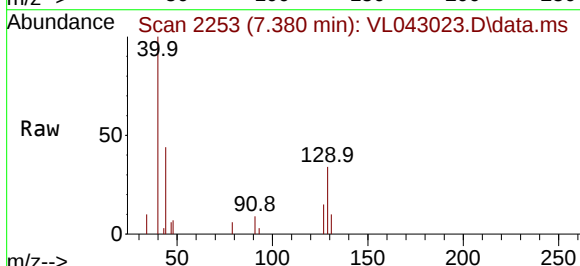
Acq: 30 Sep 2025 11:53

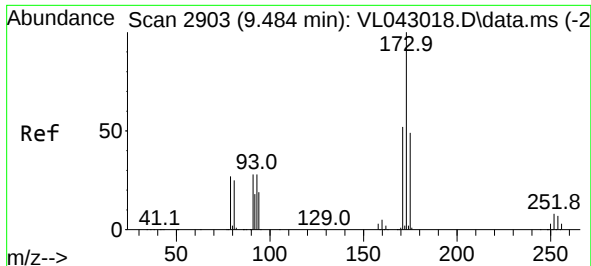
Tgt Ion: 129 Resp: 552

Ion Ratio Lower Upper

129 100

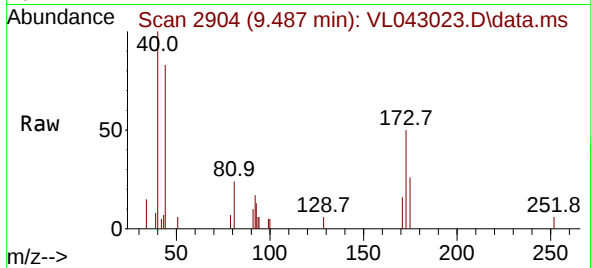
127 152.9 38.6 116.0#



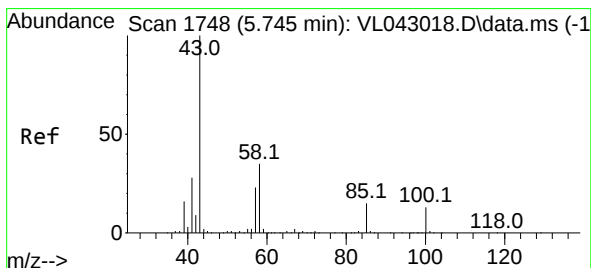
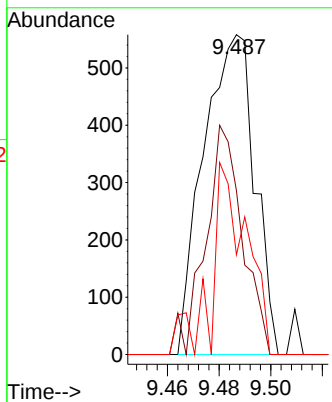
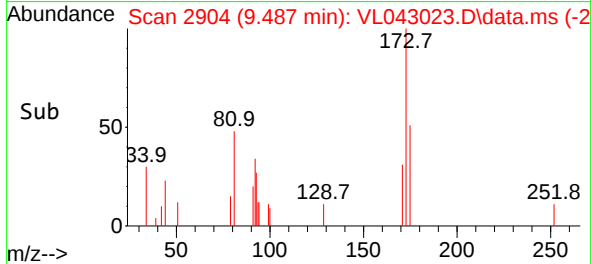


#49
Bromoform
Concen: 0.031 ppbv
RT: 9.487 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Instrument :
MSVOA_L
ClientSampleId :

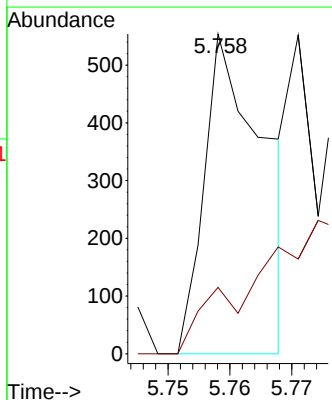
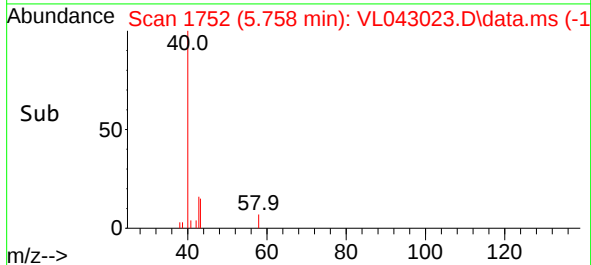
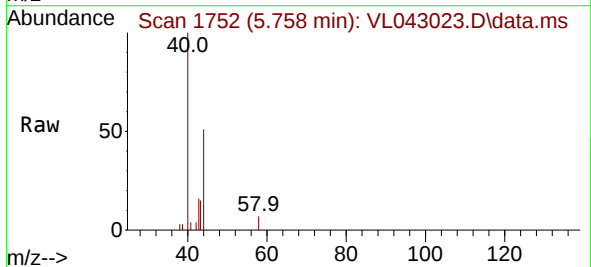


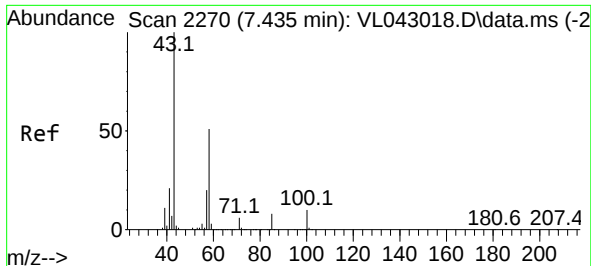
Tgt Ion:173 Resp: 769
Ion Ratio Lower Upper
173 100
175 51.8 39.1 58.7
171 41.2 41.4 62.0#



#50
4-Methyl-2-Pentanone
Concen: 0.009 ppbv
RT: 5.758 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

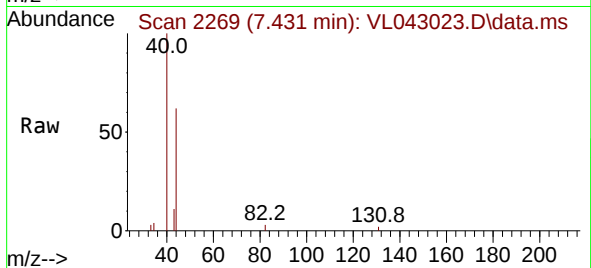
Tgt Ion: 43 Resp: 371
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#



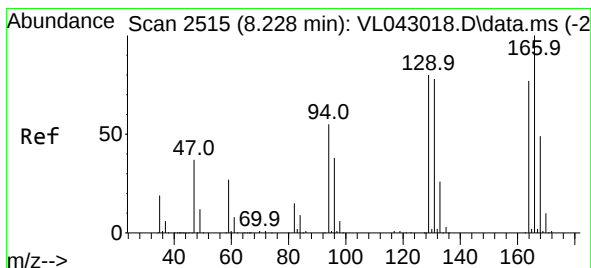
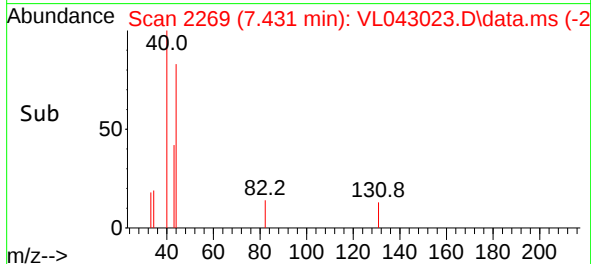
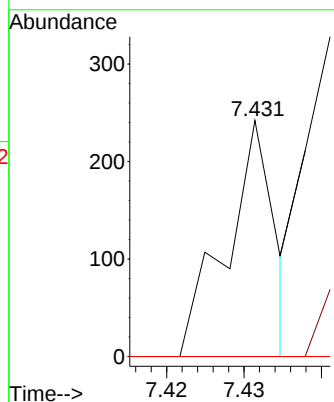


#51
2-Hexanone
Concen: 0.004 ppbv
RT: 7.431 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Instrument :
MSVOA_L
ClientSampleId :

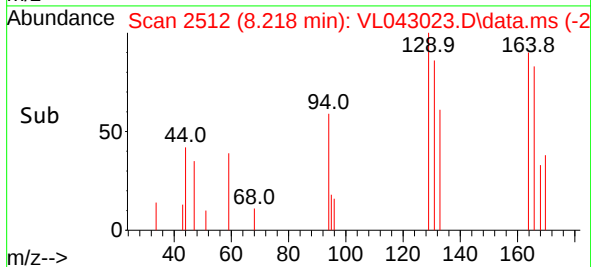
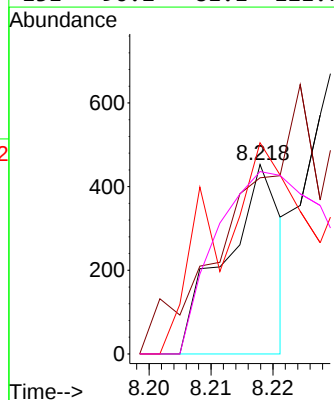
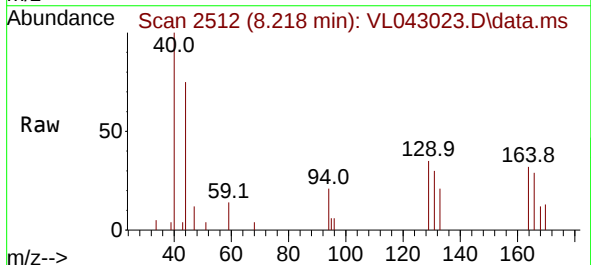


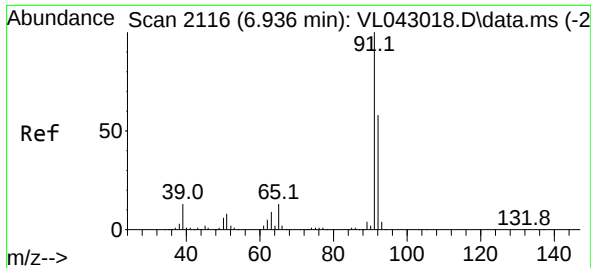
Tgt Ion: 43 Resp: 105
Ion Ratio Lower Upper
43 100
58 0.0 39.7 59.5#
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.016 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. -0.010 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Tgt Ion: 164 Resp: 282
Ion Ratio Lower Upper
164 100
166 72.4 103.5 155.3#
129 85.2 82.6 124.0
131 96.2 81.1 121.7

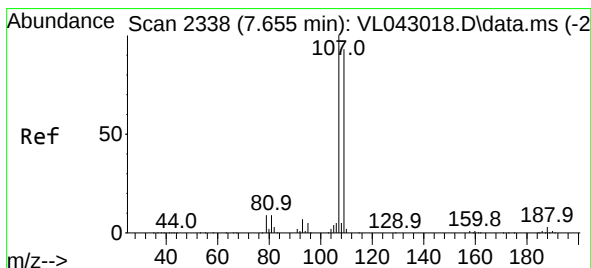
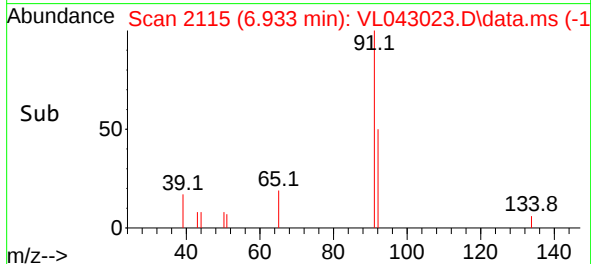
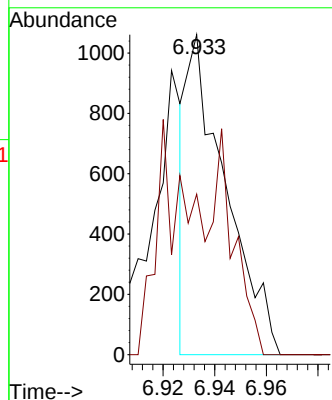
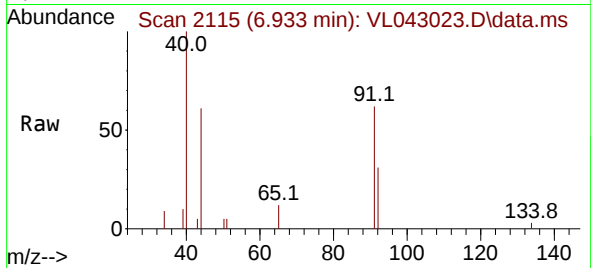




#53
Toluene
Concen: 0.023 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

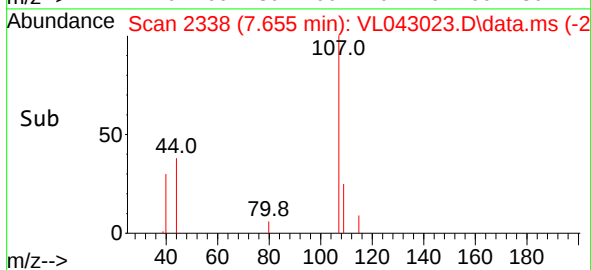
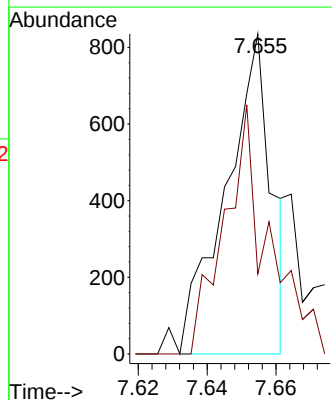
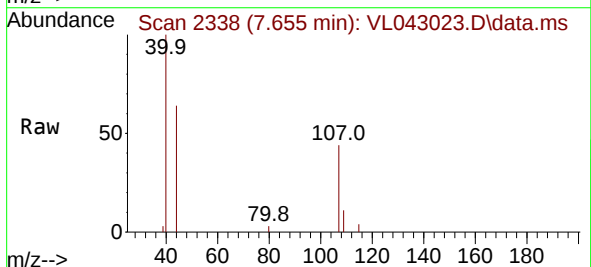
Instrument :
MSVOA_L
ClientSampleId :

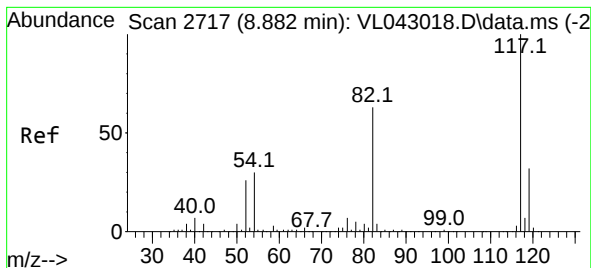
Tgt Ion: 91 Resp: 1126
Ion Ratio Lower Upper
91 100
92 0.0 47.7 71.5#



#54
1,2-Dibromoethane
Concen: 0.032 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Tgt Ion: 107 Resp: 767
Ion Ratio Lower Upper
107 100
109 25.0 74.6 111.8#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.881 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Instrument :

MSVOA_L

ClientSampleId :

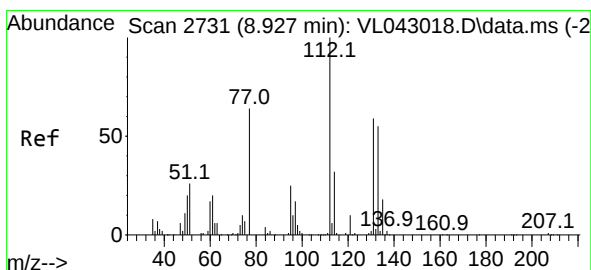
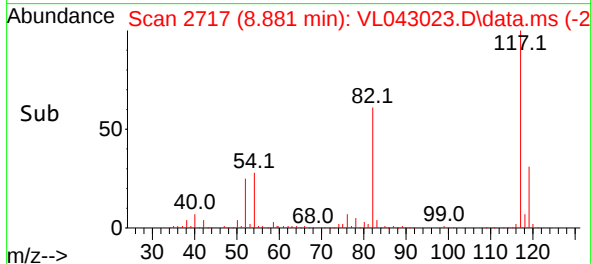
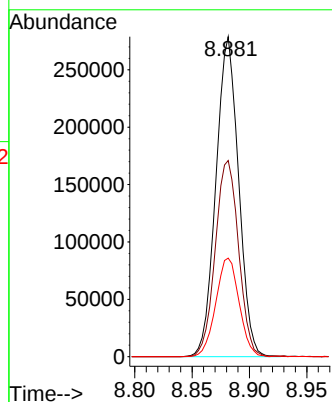
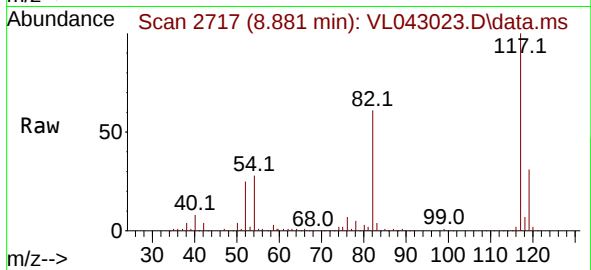
Tgt Ion:117 Resp: 383741

Ion Ratio Lower Upper

117 100

82 63.1 52.6 78.8

119 31.8 26.4 39.6



#56

1,1,1,2-Tetrachloroethane

Concen: 0.017 ppbv

RT: 8.930 min Scan# 2732

Delta R.T. 0.003 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

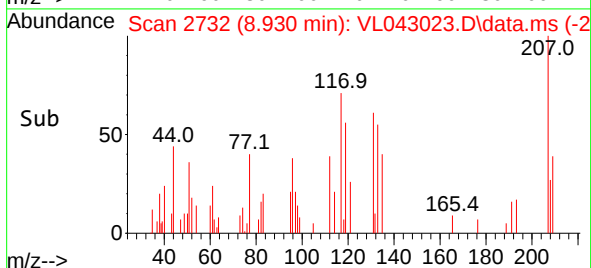
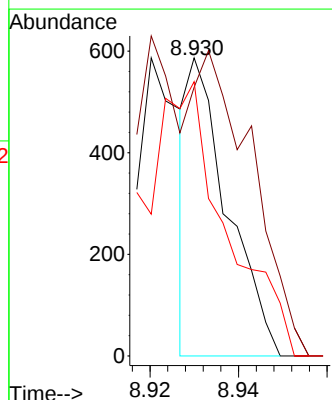
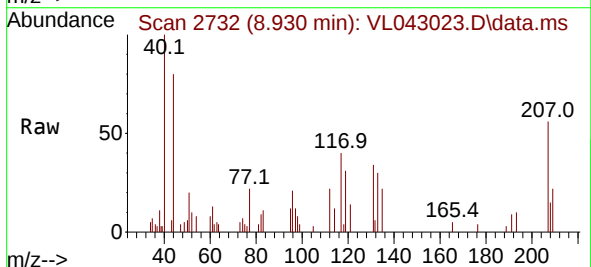
Tgt Ion:131 Resp: 361

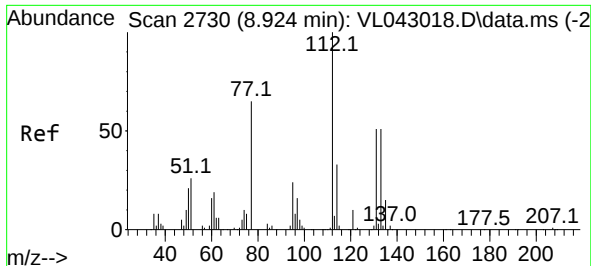
Ion Ratio Lower Upper

131 100

133 0.0 76.6 114.8#

119 0.0 48.8 73.2#

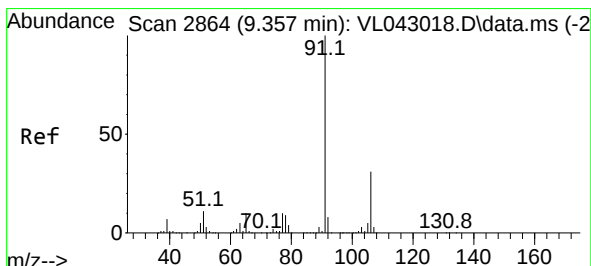
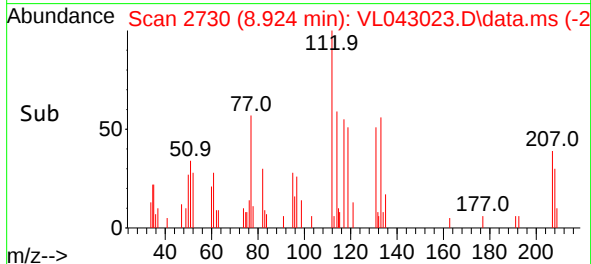
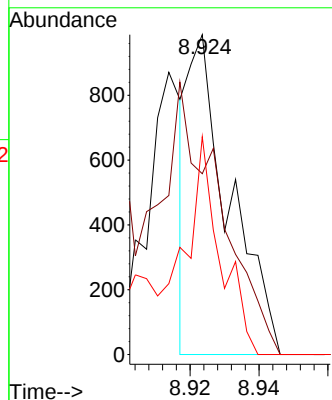
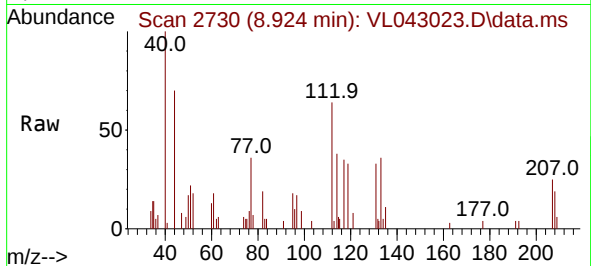




#57
Chlorobenzene
Concen: 0.021 ppbv
RT: 8.924 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

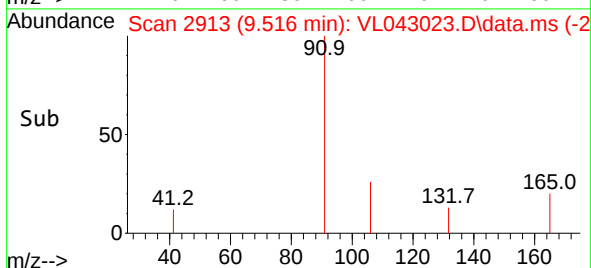
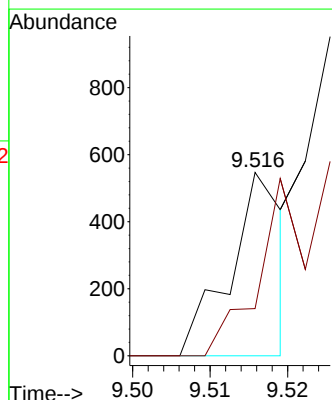
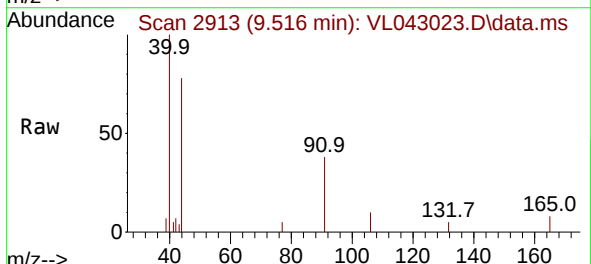
Instrument :
MSVOA_L
ClientSampleId :

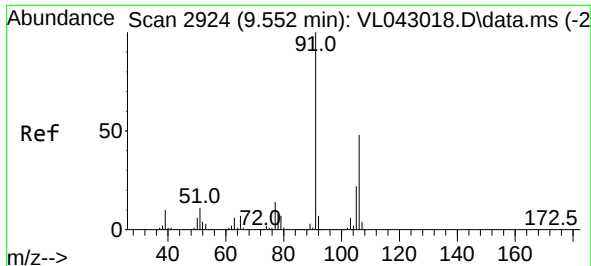
Tgt Ion:112 Resp: 819
Ion Ratio Lower Upper
112 100
77 53.6 52.7 79.1
114 64.5 29.5 36.1#



#58
Ethyl Benzene
Concen: 0.004 ppbv
RT: 9.516 min Scan# 2913
Delta R.T. 0.158 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Tgt Ion: 91 Resp: 264
Ion Ratio Lower Upper
91 100
106 25.8 24.8 37.2





#59

m/p-Xylene

Concen: 0.019 ppbv

RT: 9.551 min Scan# 2924

Delta R.T. -0.000 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Instrument :

MSVOA_L

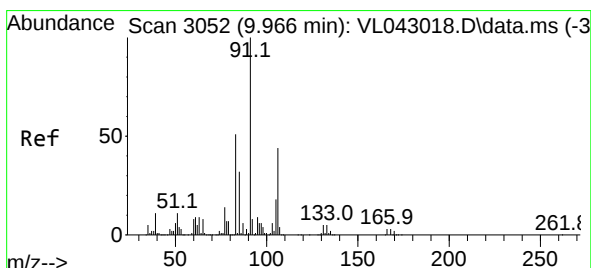
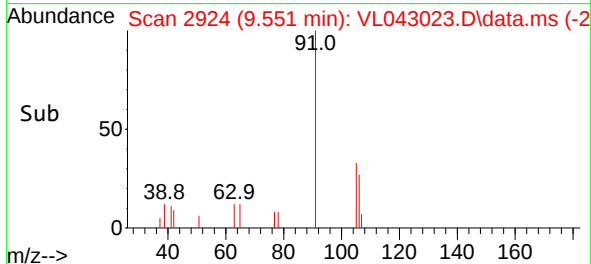
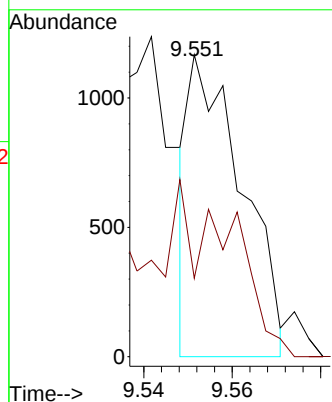
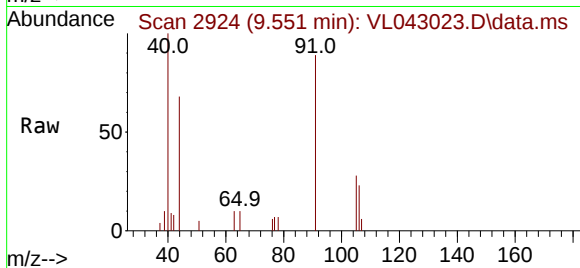
ClientSampleId :

Tgt Ion: 91 Resp: 975

Ion Ratio Lower Upper

91 100

106 73.7 38.1 57.1#



#60

o-Xylene

Concen: 0.023 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VL043023.D

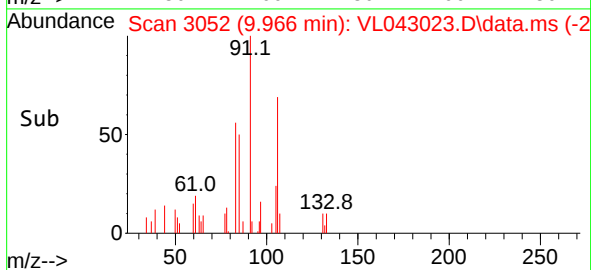
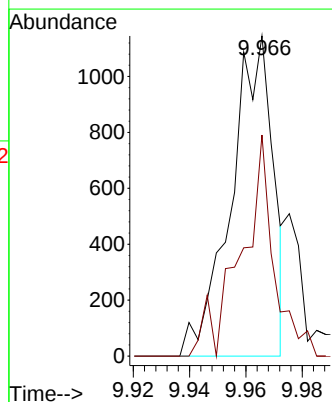
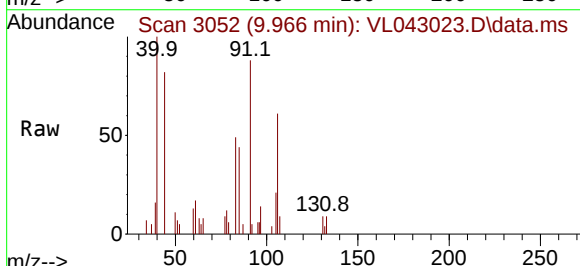
Acq: 30 Sep 2025 11:53

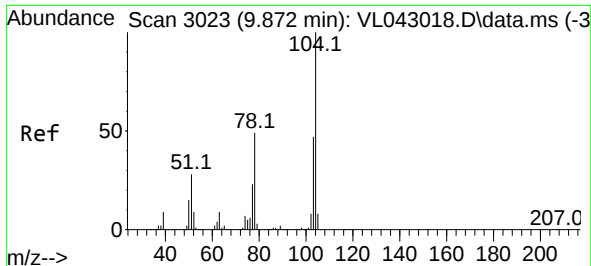
Tgt Ion: 91 Resp: 1188

Ion Ratio Lower Upper

91 100

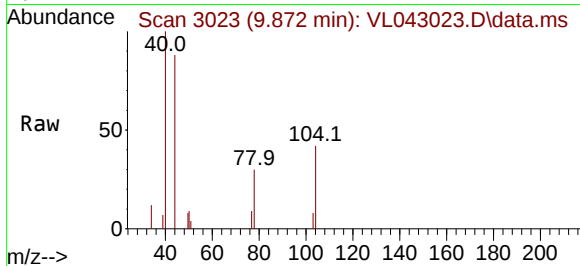
106 54.2 22.2 66.6



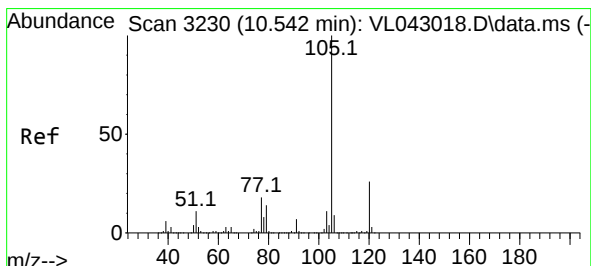
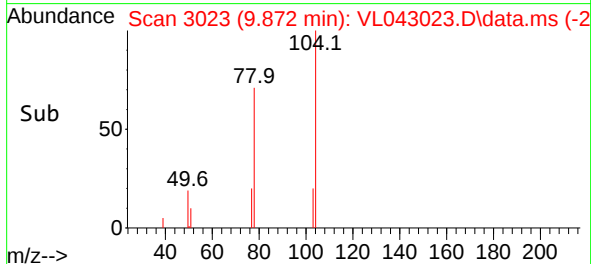
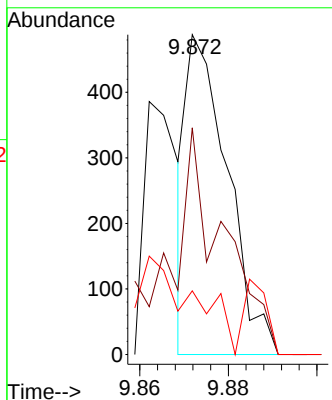


#61
Styrene
Concen: 0.014 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. -0.000 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Instrument :
MSVOA_L
ClientSampleId :

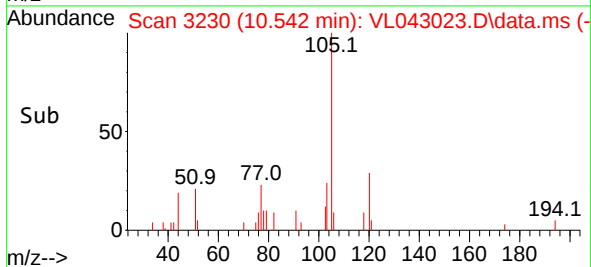
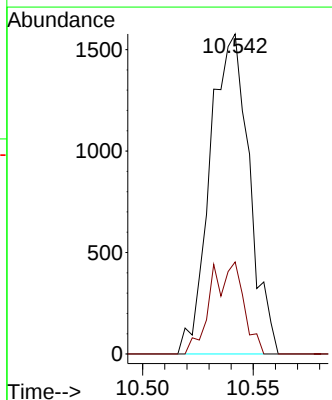
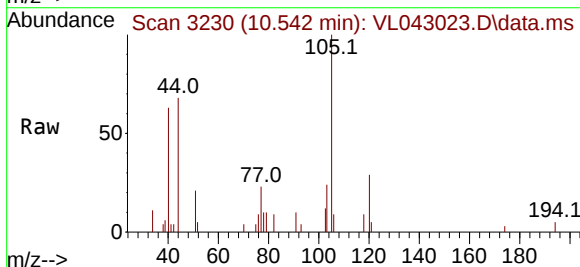


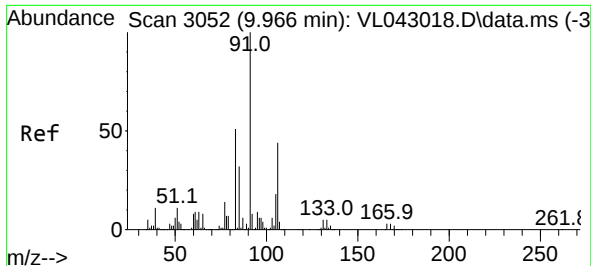
Tgt Ion:104 Resp: 312
Ion Ratio Lower Upper
104 100
78 91.3 39.0 58.4#
103 0.0 37.4 56.2#



#62
Isopropylbenzene
Concen: 0.025 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.000 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

Tgt Ion:105 Resp: 1943
Ion Ratio Lower Upper
105 100
120 23.9 20.7 31.1





#63

1,1,2,2-Tetrachloroethane

Concen: 0.015 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Instrument :

MSVOA_L

ClientSampleId :

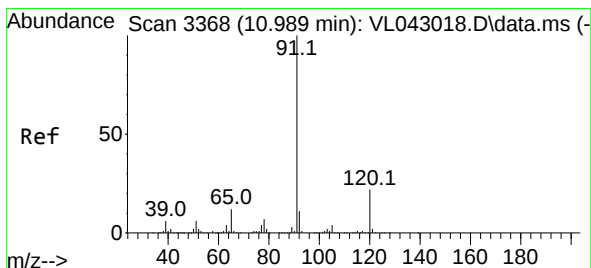
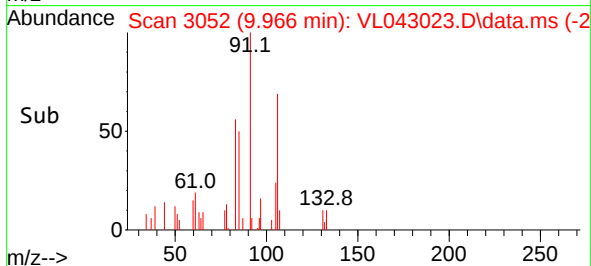
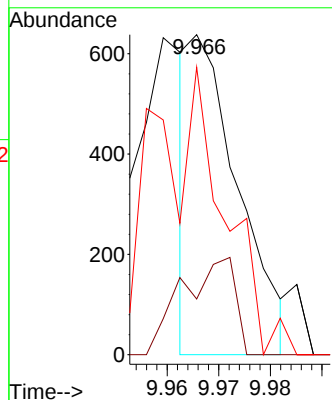
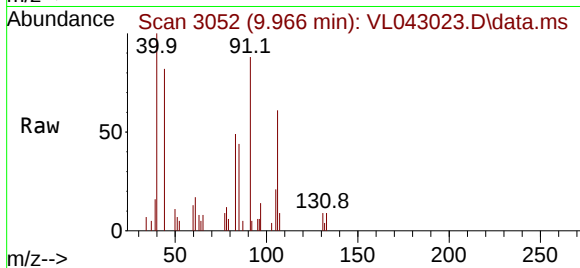
Tgt Ion: 83 Resp: 418

Ion Ratio Lower Upper

83 100

131 33.0 5.0 14.9#

85 141.4 32.2 96.6#



#64

n-propylbenzene

Concen: 0.010 ppbv

RT: 10.992 min Scan# 3369

Delta R.T. 0.003 min

Lab File: VL043023.D

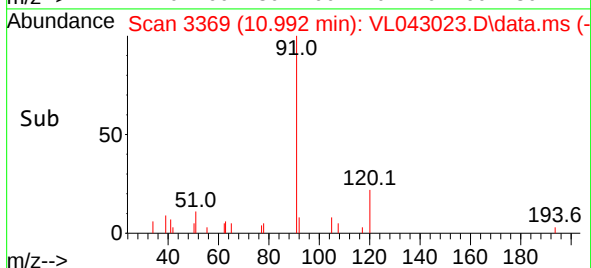
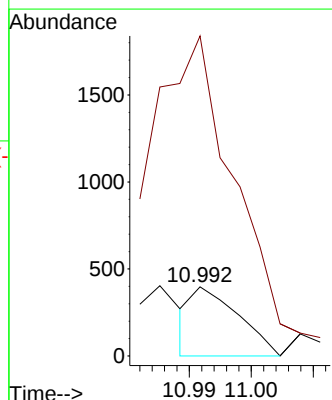
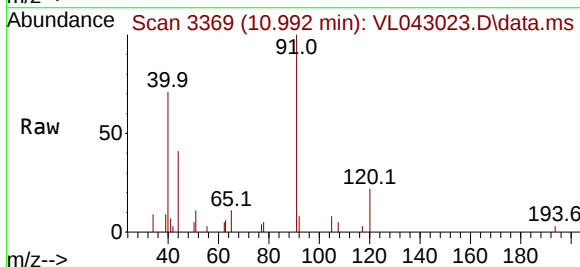
Acq: 30 Sep 2025 11:53

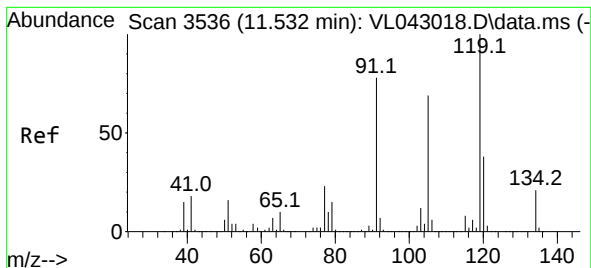
Tgt Ion:120 Resp: 208

Ion Ratio Lower Upper

120 100

91 970.2 365.6 548.4#





#65

tert-Butylbenzene

Concen: 0.008 ppbv

RT: 11.535 min Scan# 3537

Delta R.T. 0.003 min

Lab File: VL043023.D

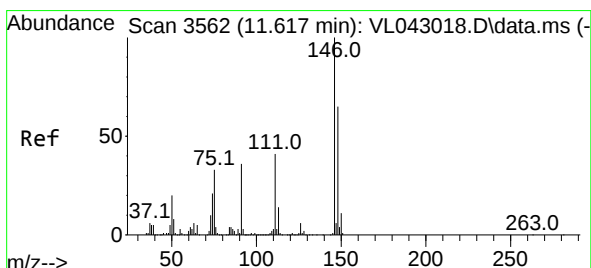
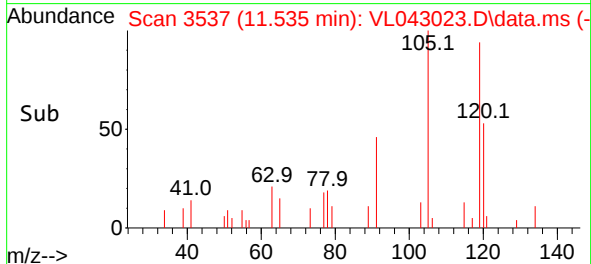
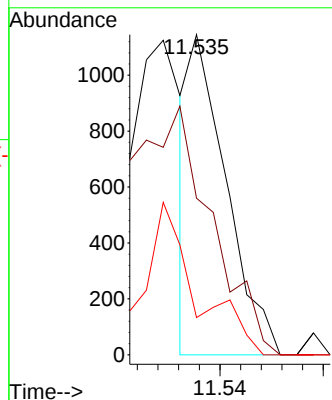
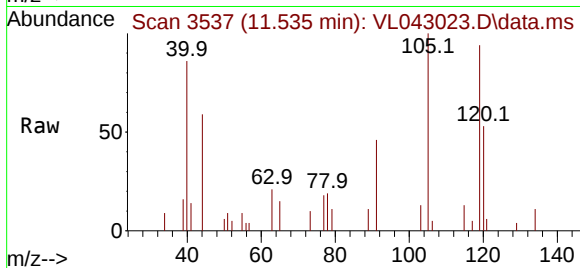
Acq: 30 Sep 2025 11:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	570
Ion	Ratio	Lower	Upper
119	100		
91	189.5	62.6	93.8#
134	0.0	16.7	25.1#



#66

Benzyl Chloride

Concen: 0.004 ppbv

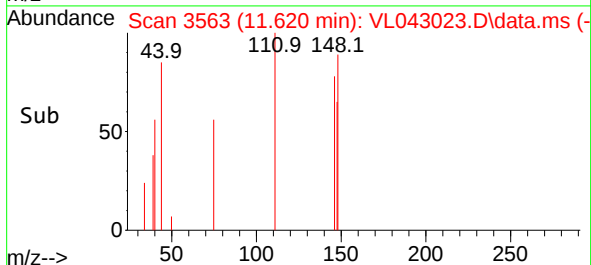
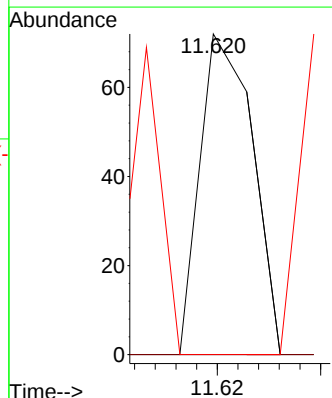
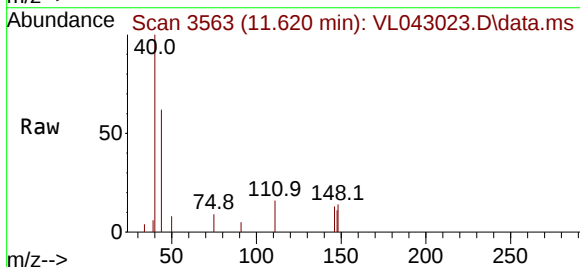
RT: 11.620 min Scan# 3563

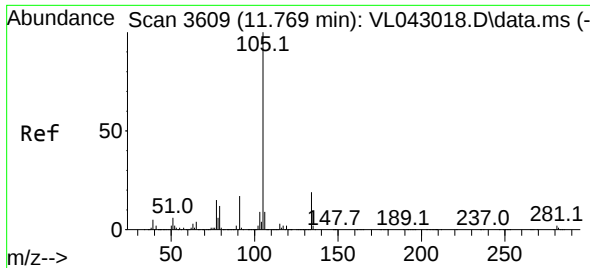
Delta R.T. 0.003 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Tgt Ion:	91	Resp:	25
Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.1	21.1#
128	108.0	4.9	7.3#

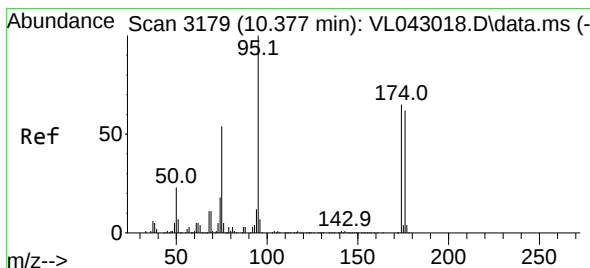
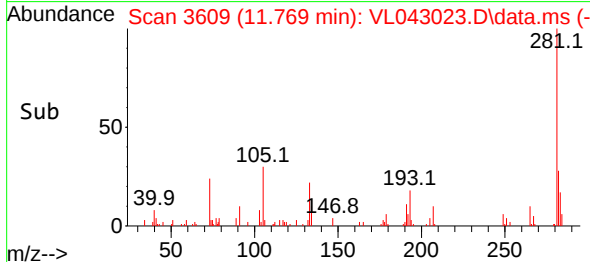
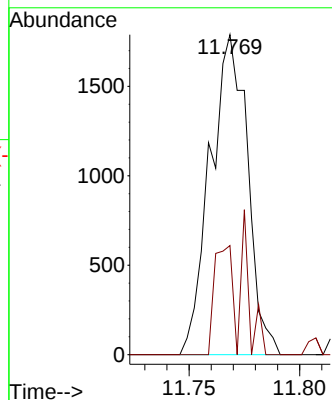
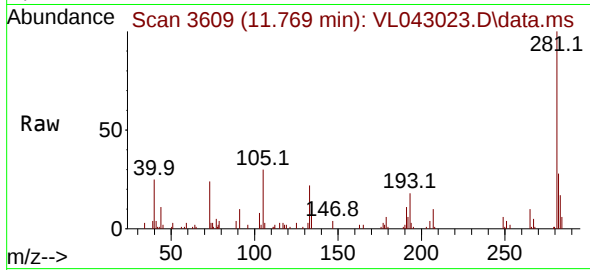




#67
 sec-Butylbenzene
 Concen: 0.021 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

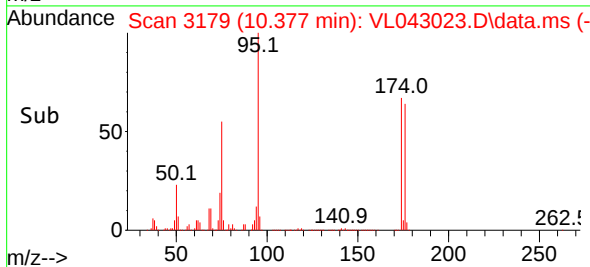
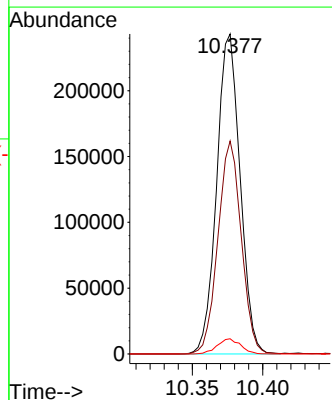
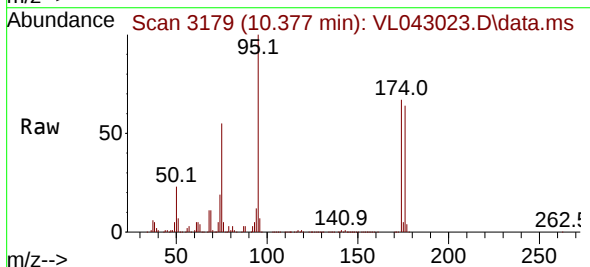
Instrument :
 MSVOA_L
 ClientSampleId :

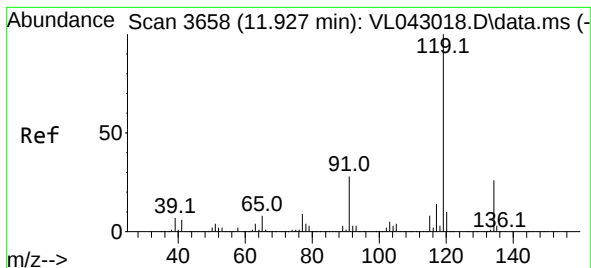
Tgt Ion:105 Resp: 2093
 Ion Ratio Lower Upper
 105 100
 134 26.4 15.4 23.2#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.689 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.000 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

Tgt Ion: 95 Resp: 281670
 Ion Ratio Lower Upper
 95 100
 174 66.6 53.4 80.2
 175 4.7 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.019 ppbv

RT: 11.924 min Scan# 3657

Delta R.T. -0.003 min

Lab File: VL043023.D

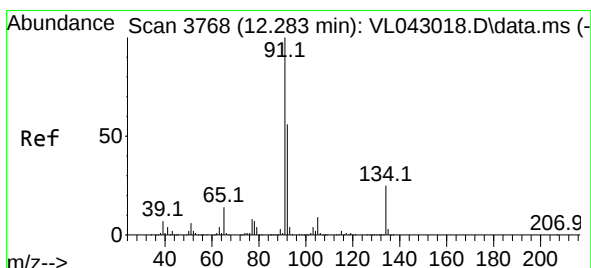
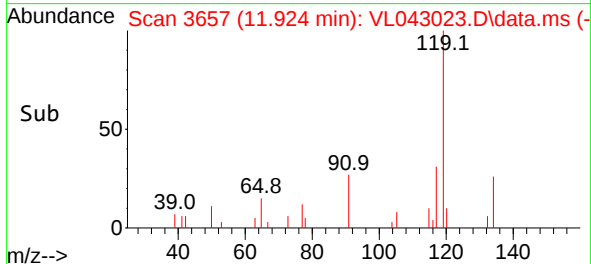
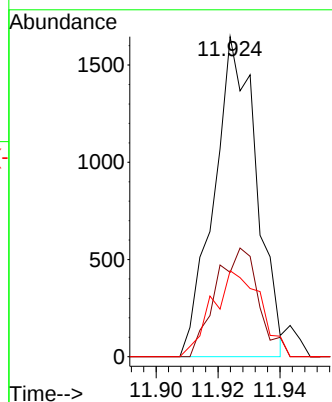
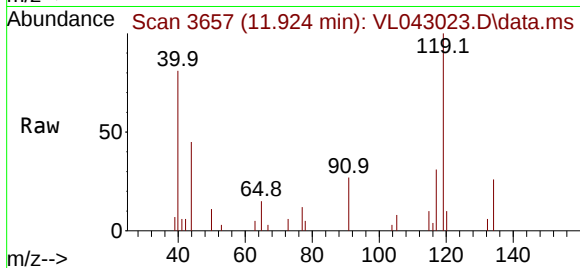
Acq: 30 Sep 2025 11:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	1570
Ion	Ratio	Lower	Upper
119	100		
134	34.2	20.3	30.5#
91	30.5	22.1	33.1



#70

n-Butylbenzene

Concen: 0.014 ppbv

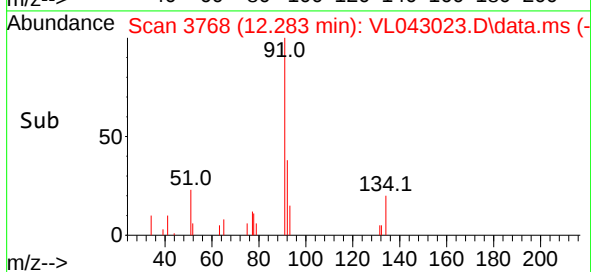
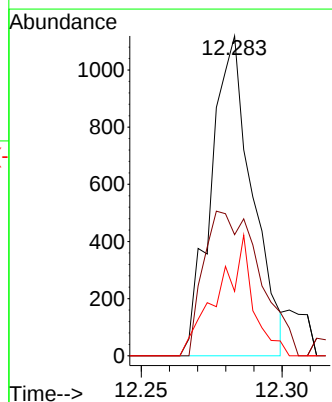
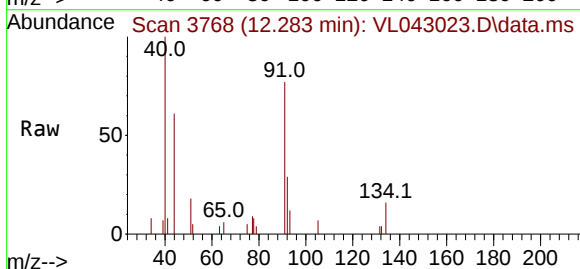
RT: 12.283 min Scan# 3768

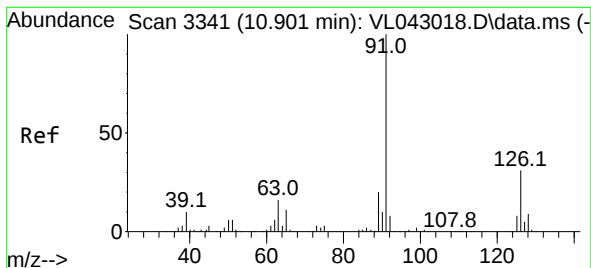
Delta R.T. -0.000 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Tgt Ion:	91	Resp:	1138
Ion	Ratio	Lower	Upper
91	100		
92	63.4	44.2	66.4
134	32.0	19.5	29.3#

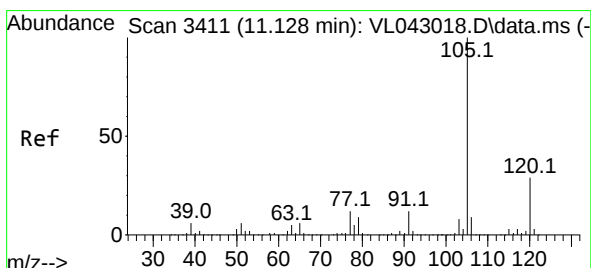
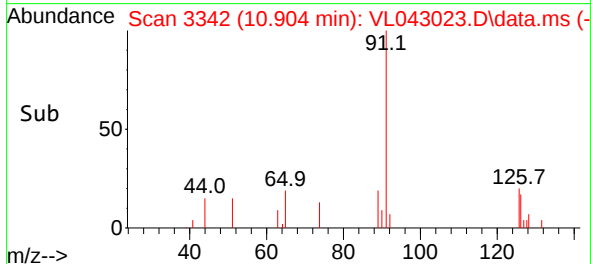
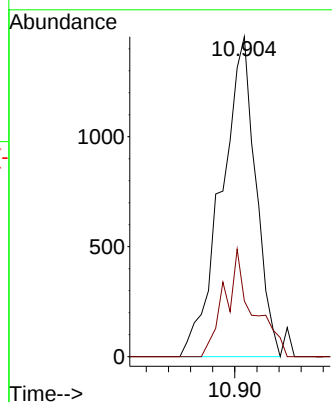
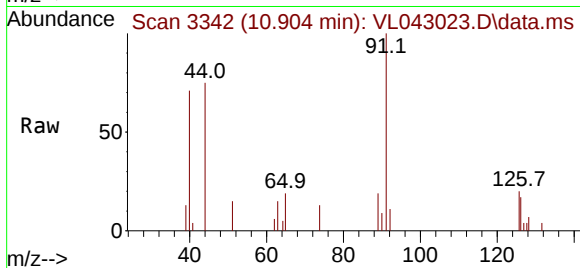




#71
2-Chlorotoluene
Concen: 0.027 ppbv
RT: 10.904 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

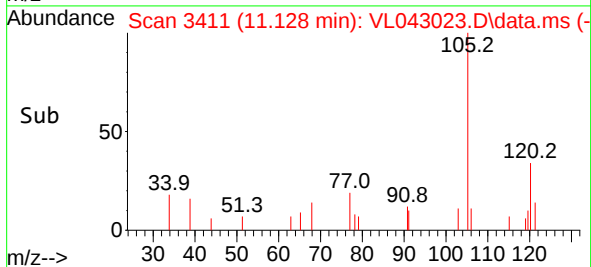
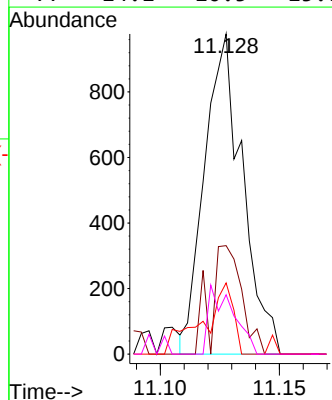
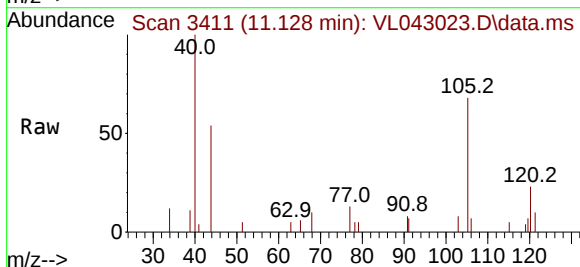
Instrument :
MSVOA_L
ClientSampleId :

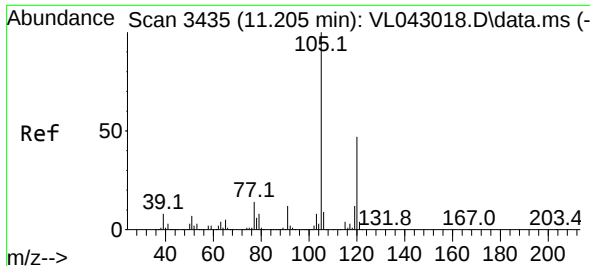
Tgt Ion: 91 Resp: 1562
Ion Ratio Lower Upper
91 100
126 27.9 12.3 49.3



#72
4-Ethyltoluene
Concen: 0.017 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.000 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

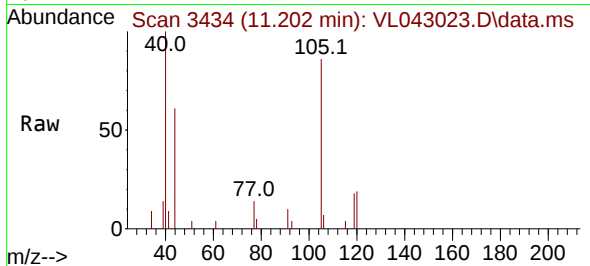
Tgt Ion: 105 Resp: 1080
Ion Ratio Lower Upper
105 100
120 27.5 23.6 35.4
91 17.9 10.0 15.0#
77 14.1 10.5 15.7



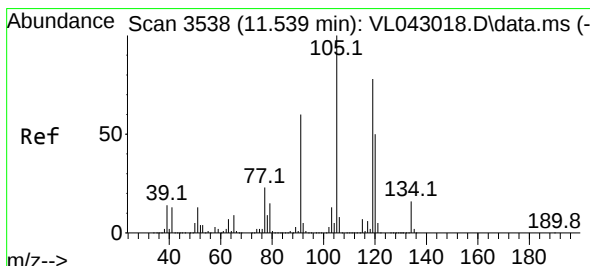
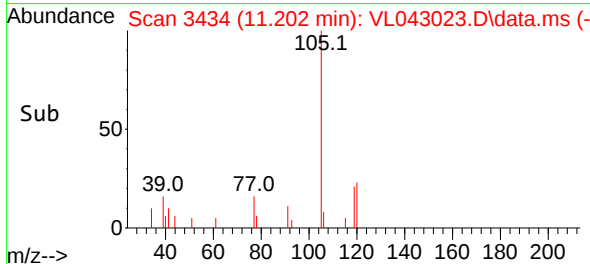
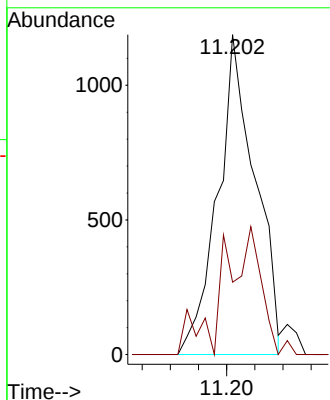


#73
 1,3,5-Trimethylbenzene
 Concen: 0.020 ppbv
 RT: 11.202 min Scan# 3435
 Delta R.T. -0.003 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

Instrument :
 MSVOA_L
 ClientSampleId :

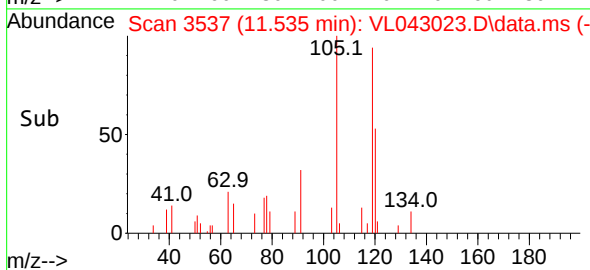
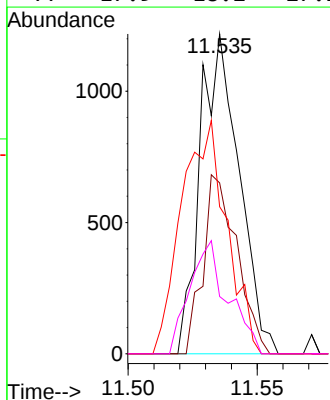
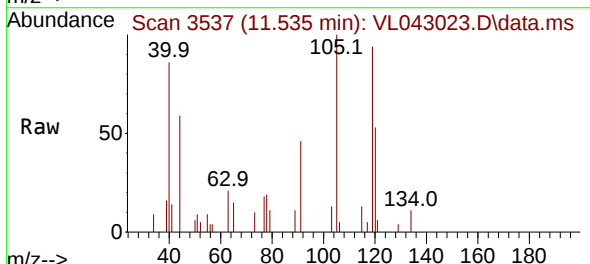


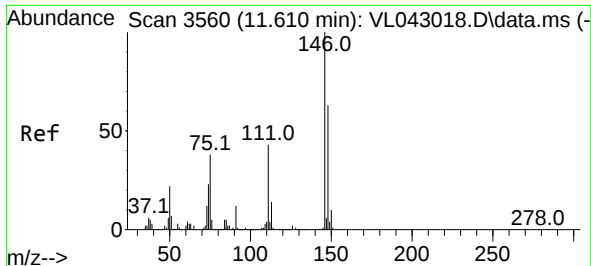
Tgt Ion:105 Resp: 1093
 Ion Ratio Lower Upper
 105 100
 120 22.6 37.4 56.2#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.021 ppbv
 RT: 11.535 min Scan# 3537
 Delta R.T. -0.003 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

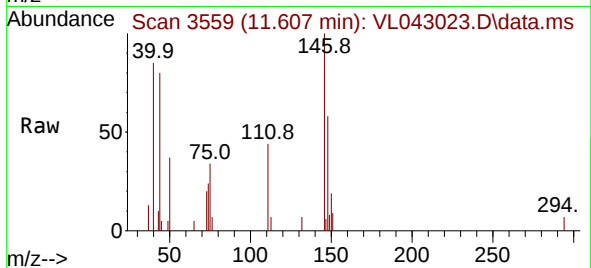
Tgt Ion:105 Resp: 1277
 Ion Ratio Lower Upper
 105 100
 120 59.1 40.3 60.5
 91 46.0 47.7 71.5#
 77 17.9 18.2 27.2#



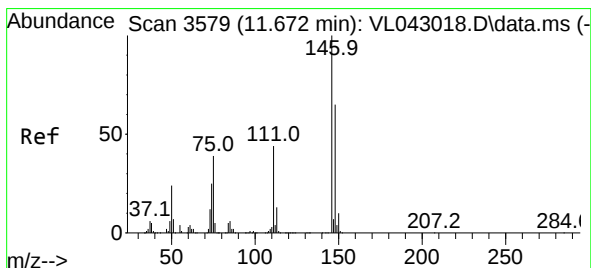
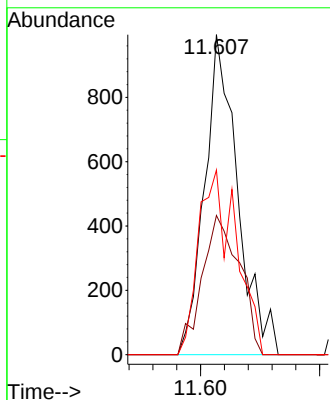
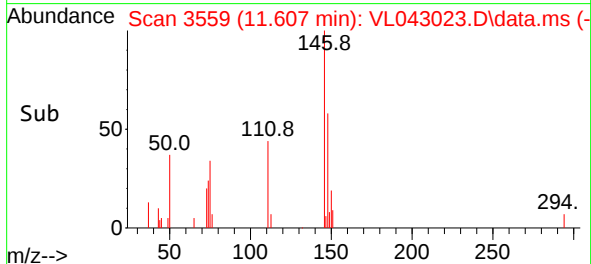


#75
1,3-Dichlorobenzene
Concen: 0.025 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. -0.003 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

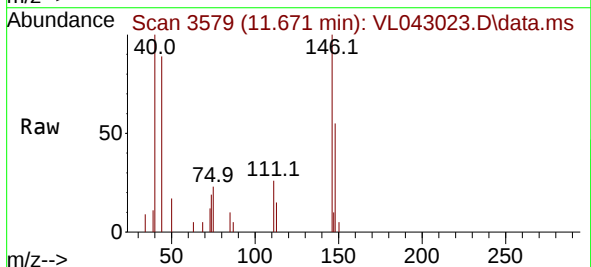
Instrument :
MSVOA_L
ClientSampleId :



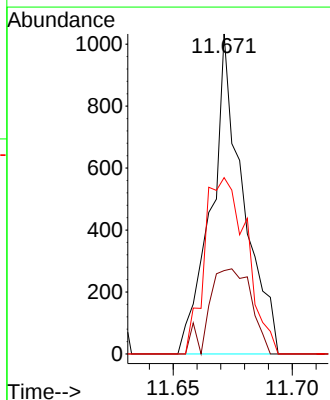
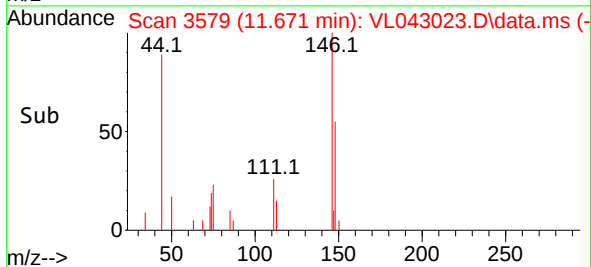
Tgt Ion:	146	Resp:	959
Ion Ratio	Lower	Upper	
146	100		
111	49.4	22.0	66.0
148	65.4	31.9	95.7

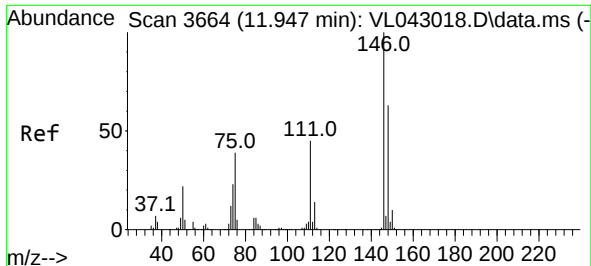


#76
1,4-Dichlorobenzene
Concen: 0.025 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. -0.000 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53



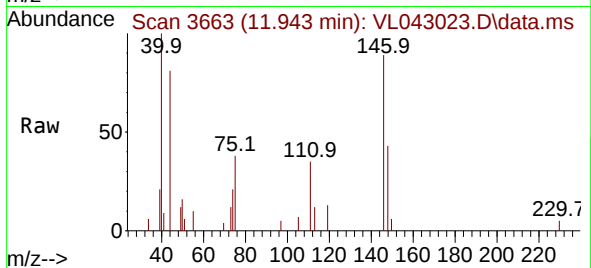
Tgt Ion:	146	Resp:	960
Ion Ratio	Lower	Upper	
146	100		
111	35.2	21.9	65.5
148	73.1	32.4	97.2



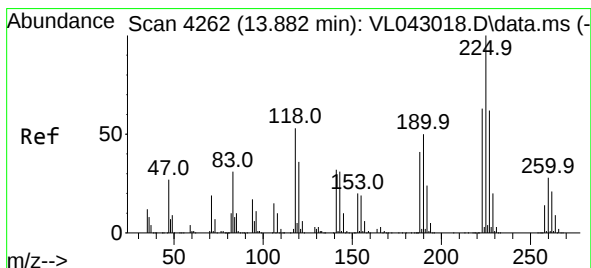
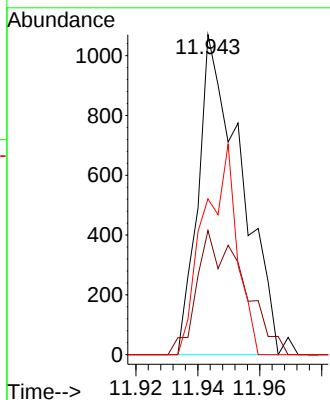
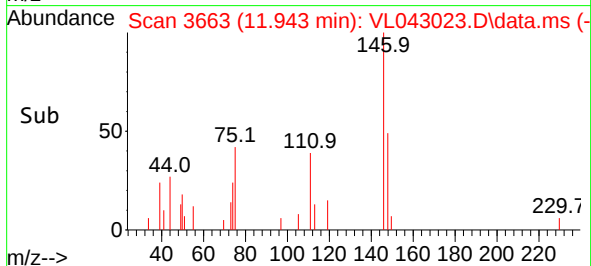


#77
1,2-Dichlorobenzene
Concen: 0.027 ppbv
RT: 11.943 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53

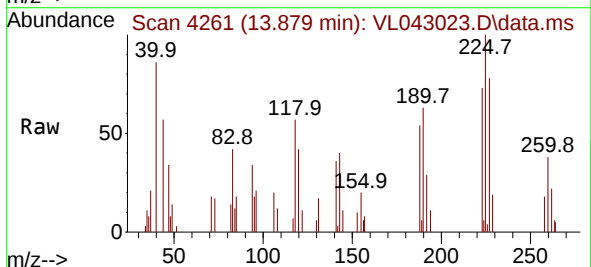
Instrument :
MSVOA_L
ClientSampleId :



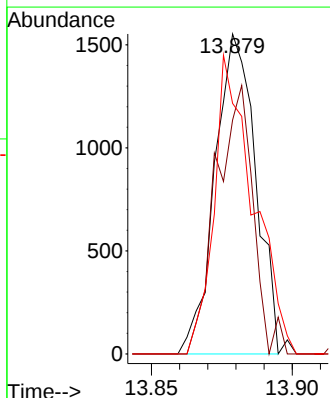
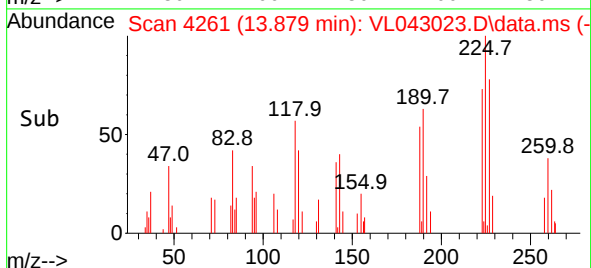
Tgt Ion:146 Resp: 1024
Ion Ratio Lower Upper
146 100
111 42.5 22.9 68.5
148 51.2 31.8 95.4

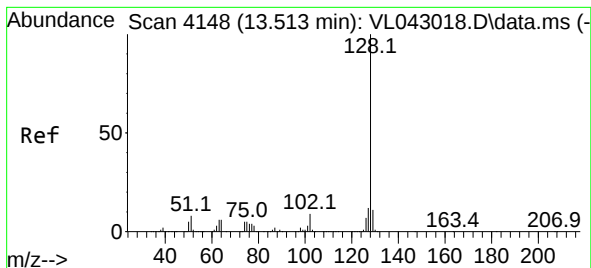


#78
Hexachloro-1,3-Butadiene
Concen: 0.051 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. -0.003 min
Lab File: VL043023.D
Acq: 30 Sep 2025 11:53



Tgt Ion:225 Resp: 1556
Ion Ratio Lower Upper
225 100
223 77.1 50.9 76.3#
227 90.2 50.3 75.5#





#79

Naphthalene

Concen: 0.020 ppbv

RT: 13.513 min Scan# 4148

Delta R.T. -0.000 min

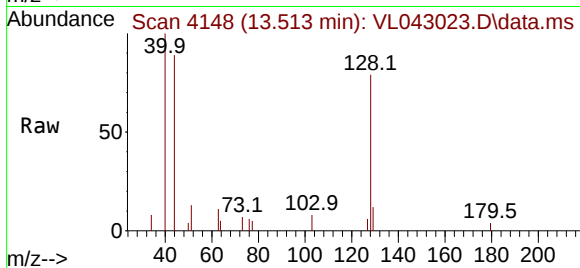
Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

Instrument :

MSVOA_L

ClientSampleId :



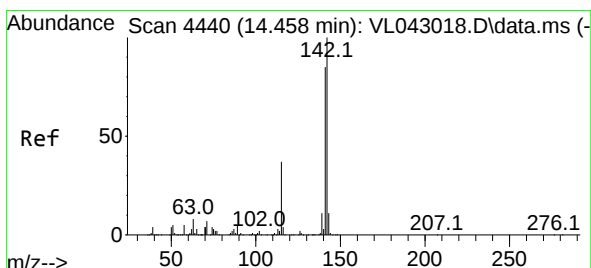
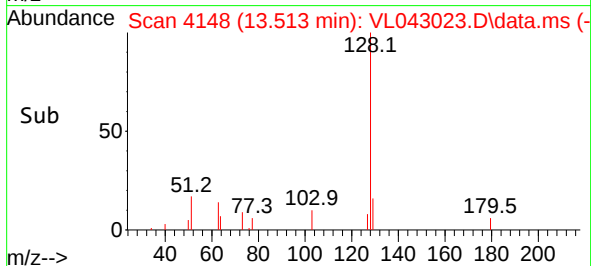
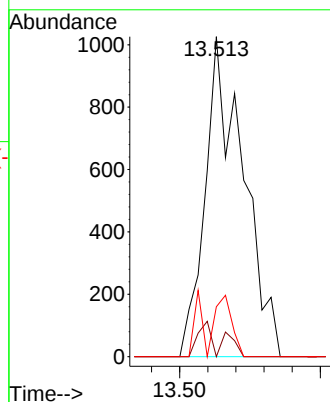
Tgt Ion:128 Resp: 957

Ion Ratio Lower Upper

128 100

127 0.0 9.9 14.9#

129 15.6 8.6 13.0#



#80

Naphthalene,2-methyl-

Concen: 0.024 ppbv

RT: 14.474 min Scan# 4445

Delta R.T. 0.016 min

Lab File: VL043023.D

Acq: 30 Sep 2025 11:53

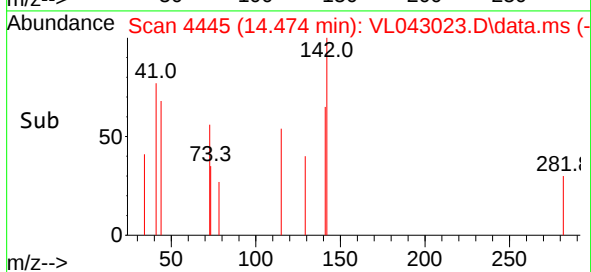
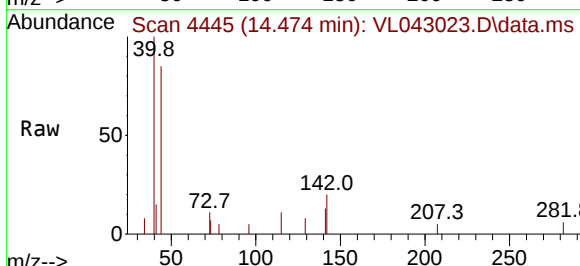
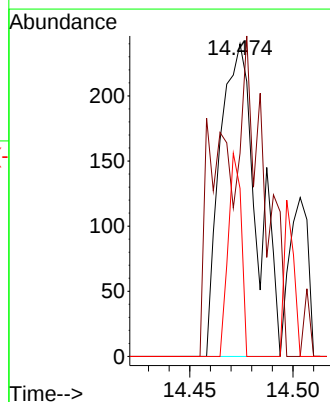
Tgt Ion:142 Resp: 297

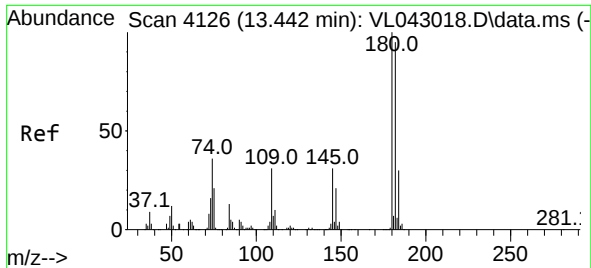
Ion Ratio Lower Upper

142 100

141 121.5 67.0 100.4#

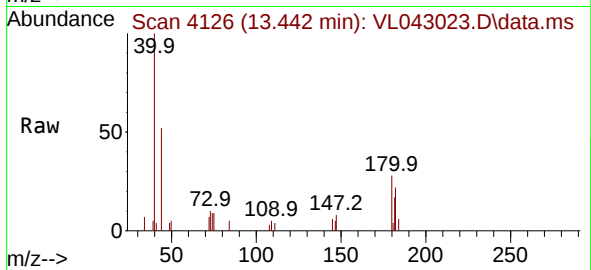
115 23.2 29.8 44.6#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.014 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL043023.D
 Acq: 30 Sep 2025 11:53

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 418
 Ion Ratio Lower Upper
 180 100
 182 122.0 75.8 113.8#
 184 22.5 24.2 36.4#

