

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL093025\
 Data File : VL043022.D
 Acq On : 30 Sep 2025 11:19
 Operator : SY/MD
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 30 23:57:35 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	146660	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	451106	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	395236	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	291242	9.727	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	2929	0.115	ppbv	94
3) Chlorodifluoromethane	1.476	51	3221	0.119	ppbv	98
4) Chloromethane	1.535	50	1432	0.149	ppbv	97
5) Vinyl Chloride	1.580	62	1034	0.111	ppbv #	85
6) Bromomethane	1.671	94	532	0.158	ppbv #	72
7) Chloroethane	1.706	64	538	0.144	ppbv #	66
8) Dichlorotetrafluoroethane	1.557	85	2408	0.116	ppbv	97
9) Propene	1.486	41	1316	0.125	ppbv	98
10) Heptane	4.982	43	1951	0.072	ppbv	88
11) Trichlorofluoromethane	1.881	101	3172	0.124	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.143	101	2148	0.106	ppbv	100
13) Ethanol	1.434	45	175538	228.467	ppbv	94
14) Bromoethene	1.784	108	851	0.113	ppbv #	71
15) Acetone	1.839	43	5109	0.244	ppbv	92
16) 1,3-Butadiene	1.612	39	1473	0.166	ppbv #	73
17) tert-Butyl alcohol	2.043	59	2632	0.113	ppbv #	69
18) 1,1-Dichloroethene	2.036	96	1127	0.124	ppbv #	95
19) Isopropyl Alcohol	1.434	45	175538	14.274	ppbv #	33
20) Methylene Chloride	2.062	84	8308	0.385	ppbv	90
21) Allyl Chloride	2.095	41	1942	0.137	ppbv	87
22) trans-1,2-Dichloroethene	2.723	96	1577	0.153	ppbv	80
23) Vinyl Acetate	2.467	43	2797	0.097	ppbv #	90
24) 1,1-Dichloroethane	2.412	63	2262	0.116	ppbv #	92
25) Ethyl Acetate	2.829	43	11878	0.223	ppbv #	88
26) Hexane	2.826	57	11706	0.422	ppbv #	54
27) Carbon Disulfide	2.153	76	2780	0.114	ppbv #	21
28) Methyl tert-Butyl Ether	2.444	73	1481	0.109	ppbv #	59
29) Chloroform	2.849	83	3770	0.109	ppbv	95
30) Cyclohexane	3.859	84	443	0.023	ppbv #	1
31) cis-1,2-Dichloroethene	2.719	61	2432	0.108	ppbv #	82
32) 1,1,1-Trichloroethane	3.370	97	3395	0.097	ppbv	95
34) 2-Butanone	2.561	43	3720	0.117	ppbv	96
35) Carbon Tetrachloride	3.768	117	1985	0.054	ppbv	89
36) Benzene	3.655	78	4690	0.104	ppbv	99
37) 1,2-Dichloroethane	3.221	62	2960	0.115	ppbv #	96
38) Trichloroethene	4.548	130	1379	0.060	ppbv #	71
39) 1,2-Dichloropropane	3.959	63	107297	6.463	ppbv #	21
40) 1,4-Dioxane	4.606	88	216	0.031	ppbv #	17
41) Tetrahydrofuran	3.049	42	60	0.004	ppbv #	36
42) Bromodichloromethane	4.490	83	2507	0.070	ppbv #	80
43) Methyl Methacrylate	4.881	69	394	0.025	ppbv #	1
44) 2,2,4-Trimethylpentane	4.642	57	2293	0.031	ppbv #	6
45) t-1,3-Dichloropropene	6.416	75	374	0.021	ppbv	92

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Quant Time: Sep 30 23:57:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL093025AIR.M
 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

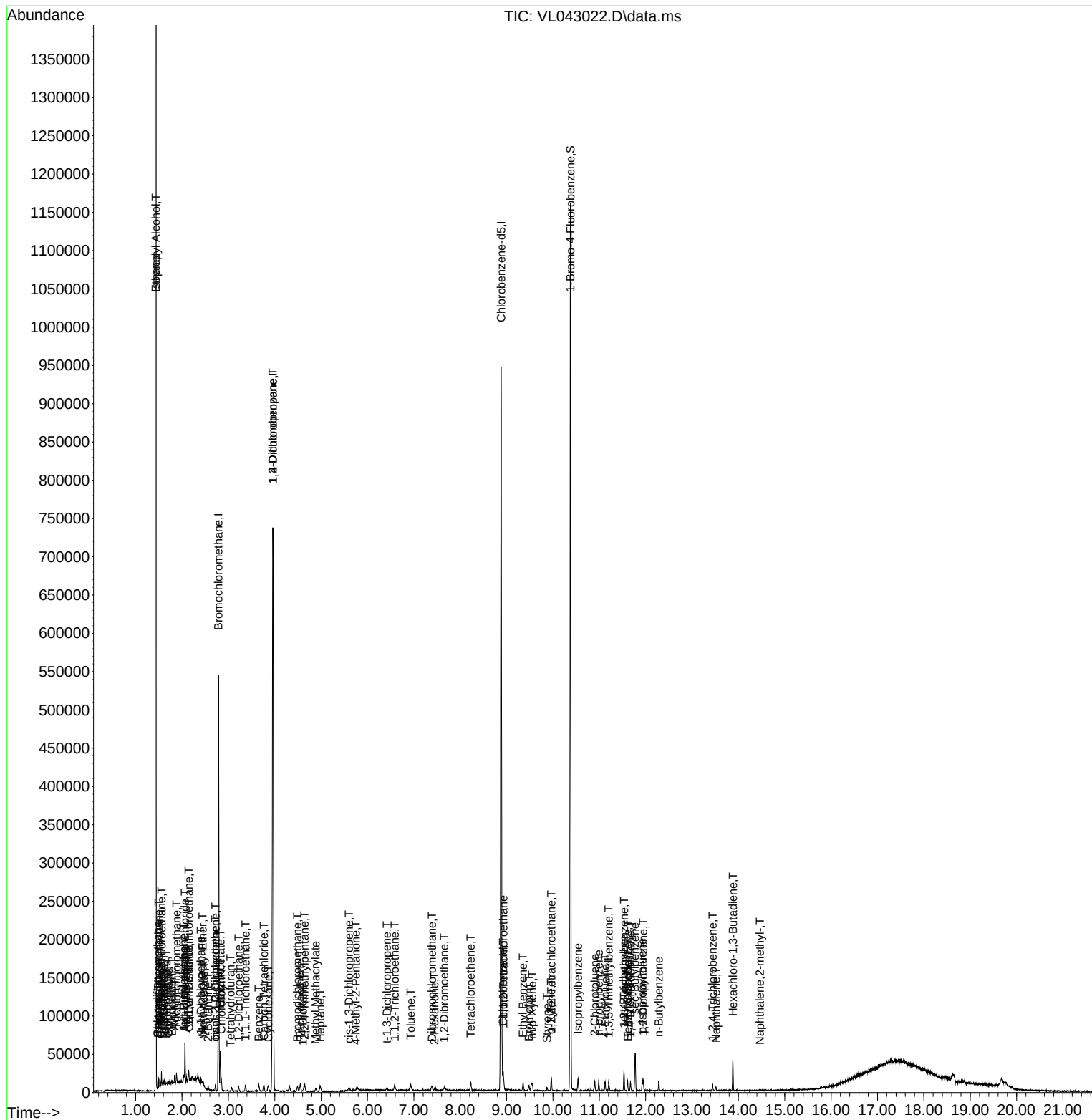
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.600	75	630	0.027	ppbv	#	58
47) 1,1,2-Trichloroethane	6.590	97	1050	0.060	ppbv	#	71
48) Dibromochloromethane	7.393	129	1927	0.063	ppbv		65
49) Bromoform	9.481	173	1343	0.052	ppbv	#	50
50) 4-Methyl-2-Pentanone	5.749	43	184	0.005	ppbv	#	38
51) 2-Hexanone	7.442	43	504	0.017	ppbv	#	28
52) Tetrachloroethene	8.228	164	1174	0.065	ppbv		89
53) Toluene	6.933	91	4060	0.081	ppbv	#	83
54) 1,2-Dibromoethane	7.655	107	1197	0.049	ppbv	#	45
56) 1,1,1,2-Tetrachloroethane	8.930	131	2294	0.102	ppbv	#	52
57) Chlorobenzene	8.924	112	4270	0.105	ppbv		94
58) Ethyl Benzene	9.354	91	5476	0.082	ppbv		91
59) m/p-Xylene	9.552	91	3491	0.065	ppbv	#	16
60) o-Xylene	9.963	91	4262	0.080	ppbv		98
61) Styrene	9.872	104	1544	0.068	ppbv	#	83
62) Isopropylbenzene	10.542	105	6378	0.080	ppbv		96
63) 1,1,2,2-Tetrachloroethane	9.966	83	2713	0.094	ppbv		95
64) n-propylbenzene	10.989	120	1555	0.075	ppbv		88
65) tert-Butylbenzene	11.533	119	5198	0.072	ppbv		97
66) Benzyl Chloride	11.617	91	141	0.024	ppbv	#	66
67) sec-Butylbenzene	11.769	105	7247	0.072	ppbv	#	86
69) p-Isopropyltoluene	11.928	119	5765	0.069	ppbv		98
70) n-Butylbenzene	12.280	91	4462	0.055	ppbv		94
71) 2-Chlorotoluene	10.902	91	4987	0.084	ppbv		97
72) 4-Ethyltoluene	11.128	105	2082	0.032	ppbv	#	54
73) 1,3,5-Trimethylbenzene	11.203	105	3941	0.071	ppbv		99
74) 1,2,4-Trimethylbenzene	11.536	105	3836	0.061	ppbv	#	86
75) 1,3-Dichlorobenzene	11.610	146	3285	0.082	ppbv		98
76) 1,4-Dichlorobenzene	11.672	146	2964	0.076	ppbv		99
77) 1,2-Dichlorobenzene	11.947	146	3087	0.079	ppbv		96
78) Hexachloro-1,3-Butadiene	13.882	225	3926	0.125	ppbv		96
79) Naphthalene	13.517	128	2651	0.054	ppbv	#	91
80) Naphthalene,2-methyl-	14.468	142	796	0.062	ppbv		88
81) 1,2,4-Trichlorobenzene	13.445	180	1505	0.050	ppbv		97

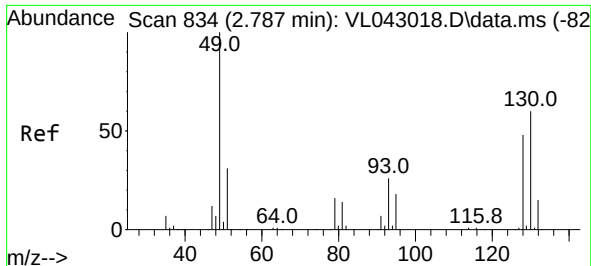
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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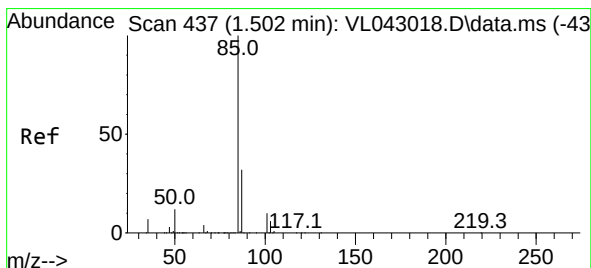
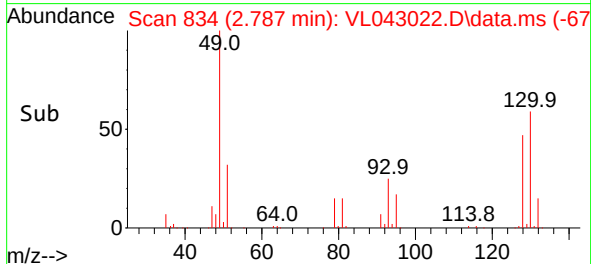
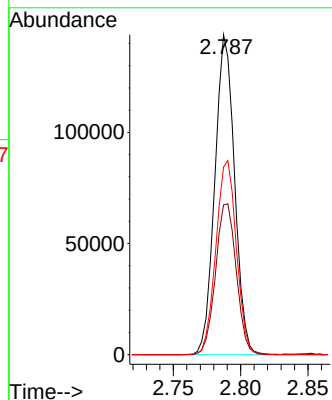
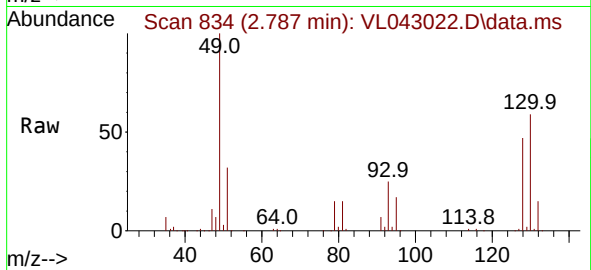




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

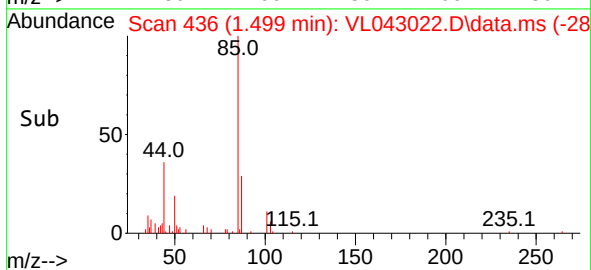
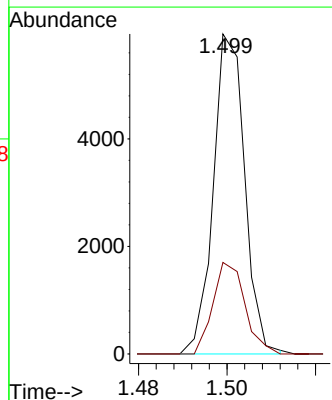
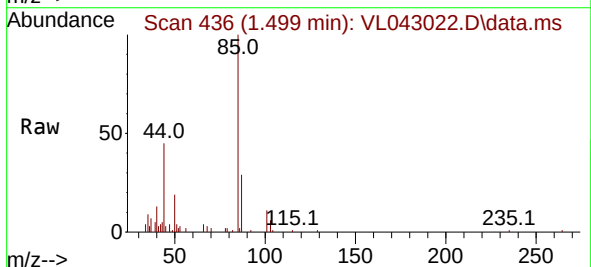
Instrument :
 MSVOA_L
 ClientSampleId :

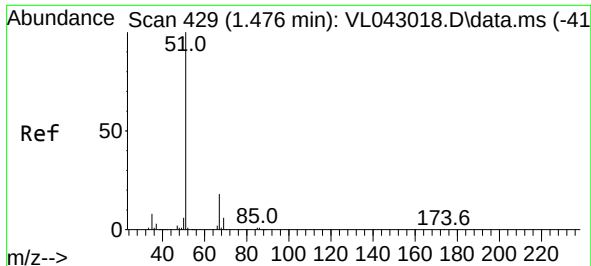
Tgt Ion: 49 Resp: 146660
 Ion Ratio Lower Upper
 49 100
 128 49.5 25.2 75.6
 130 63.0 31.6 94.7



#2
 Dichlorodifluoromethane
 Concen: 0.115 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. -0.003 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

Tgt Ion: 85 Resp: 2929
 Ion Ratio Lower Upper
 85 100
 87 28.6 25.8 38.6

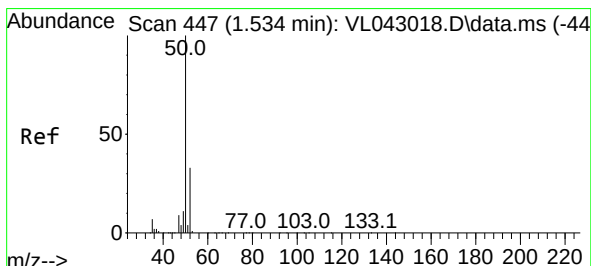
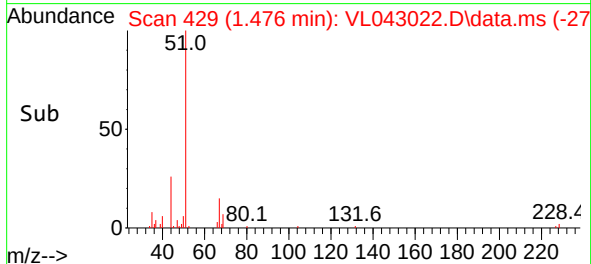
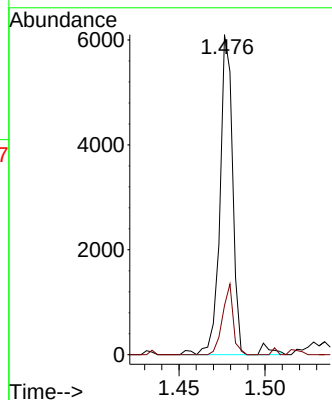
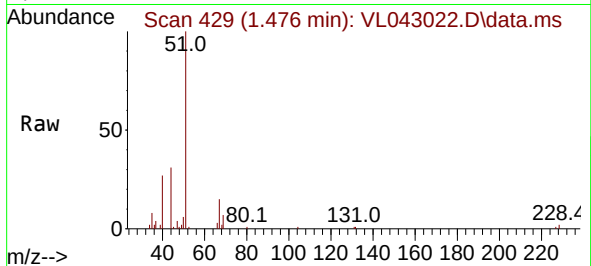




#3
Chlorodifluoromethane
Concen: 0.119 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

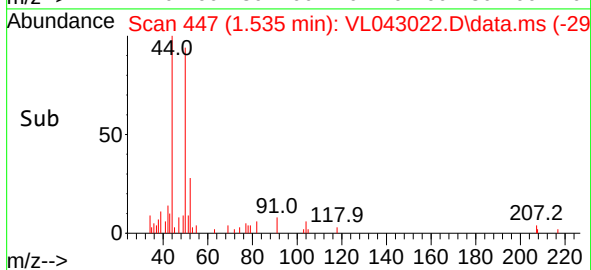
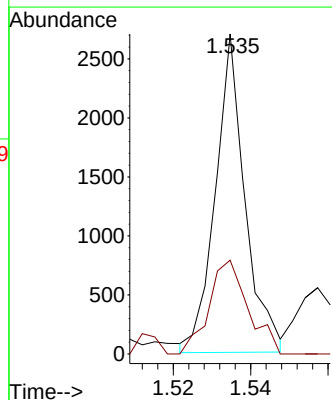
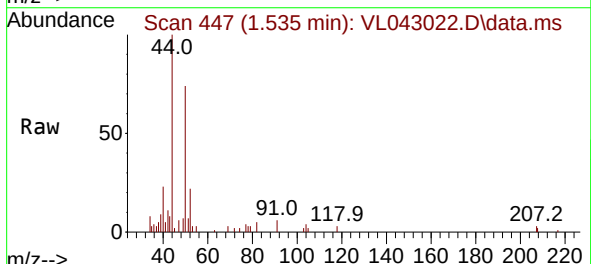
Instrument :
MSVOA_L
ClientSampleId :

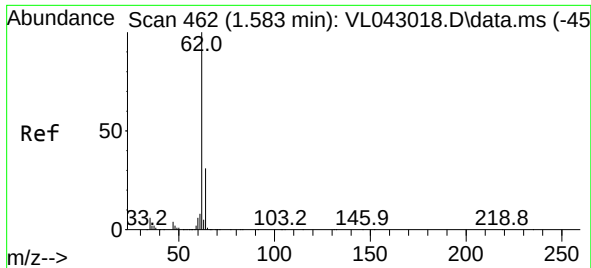
Tgt Ion: 51 Resp: 3221
Ion Ratio Lower Upper
51 100
67 18.1 15.1 22.7



#4
Chloromethane
Concen: 0.149 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion: 50 Resp: 1432
Ion Ratio Lower Upper
50 100
52 30.7 26.0 39.0

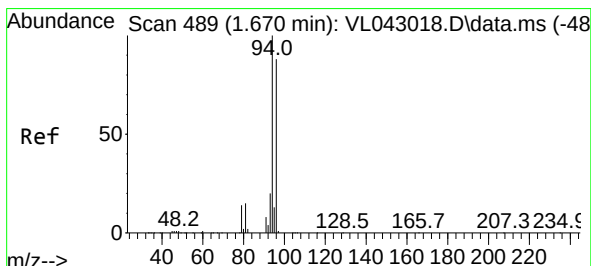
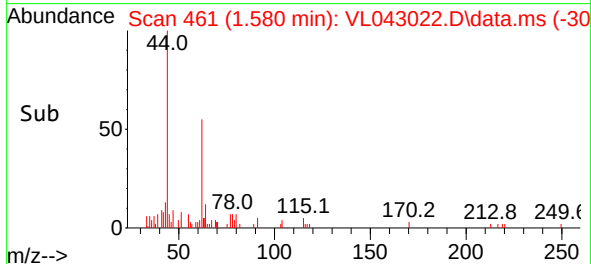
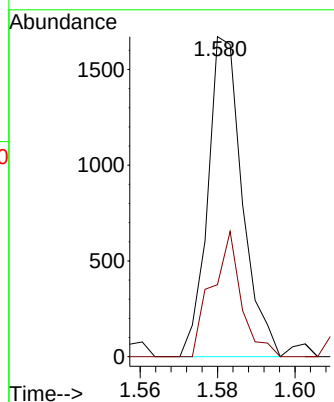
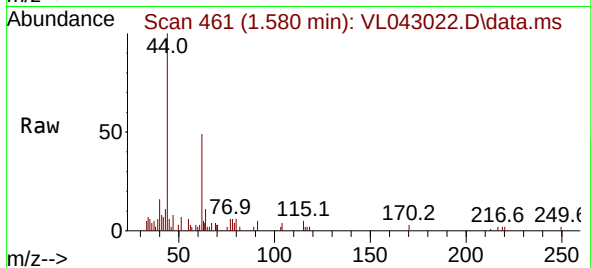




#5
 Vinyl Chloride
 Concen: 0.111 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.003 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

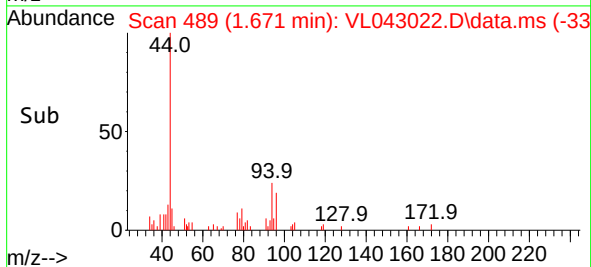
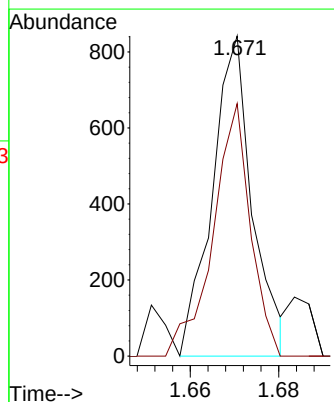
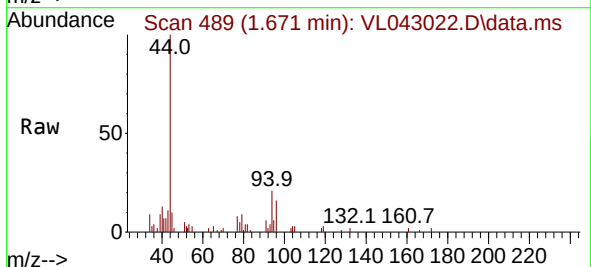
Instrument :
 MSVOA_L
 ClientSampleId :

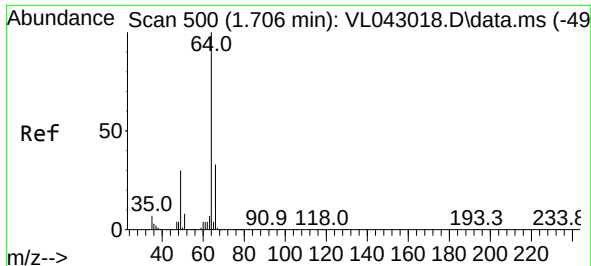
Tgt Ion: 62 Resp: 1034
 Ion Ratio Lower Upper
 62 100
 64 22.5 24.6 37.0#



#6
 Bromomethane
 Concen: 0.158 ppbv
 RT: 1.671 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

Tgt Ion: 94 Resp: 532
 Ion Ratio Lower Upper
 94 100
 96 62.0 70.5 105.7#

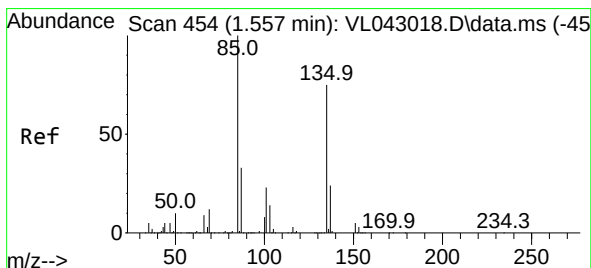
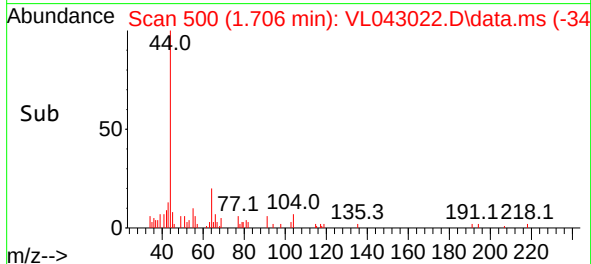
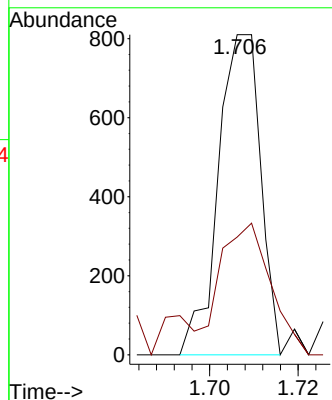
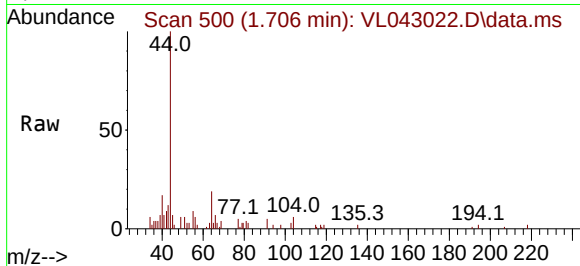




#7
Chloroethane
Concen: 0.144 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

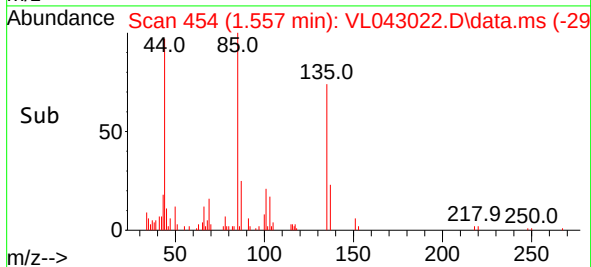
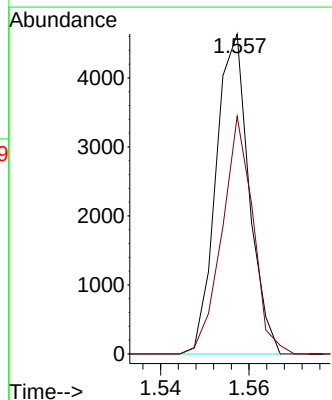
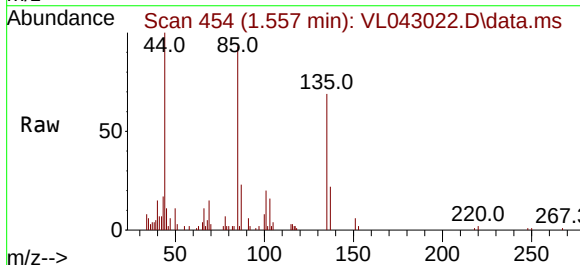
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MSVOA_L
ClientSampleId :

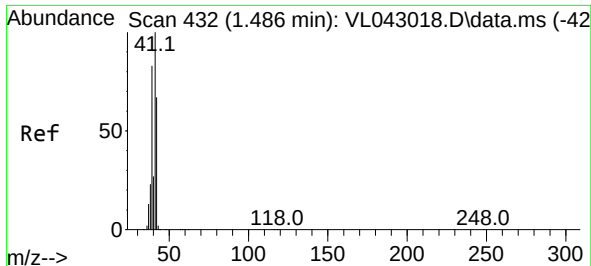
Tgt Ion: 64 Resp: 538
Ion Ratio Lower Upper
64 100
66 51.6 26.0 39.0#



#8
Dichlorotetrafluoroethane
Concen: 0.116 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion: 85 Resp: 2408
Ion Ratio Lower Upper
85 100
135 69.5 57.4 86.0





#9

Propene

Concen: 0.125 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

Instrument :

MSVOA_L

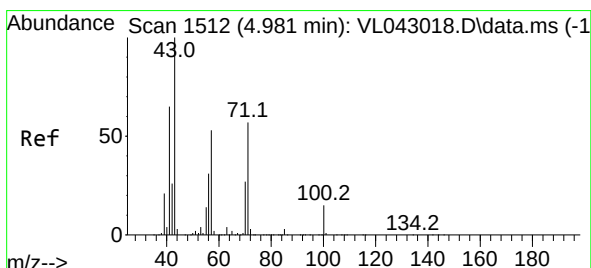
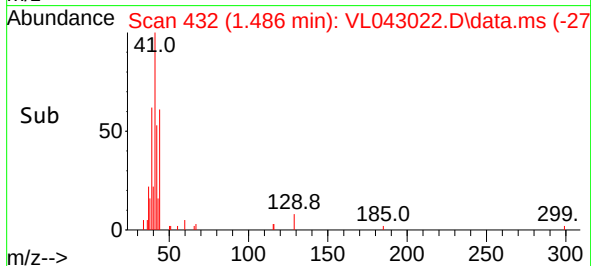
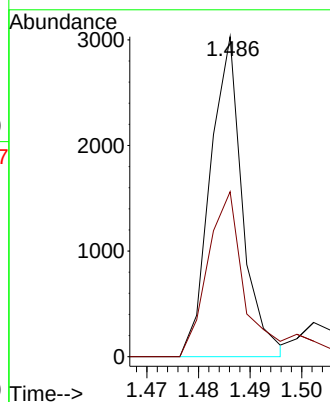
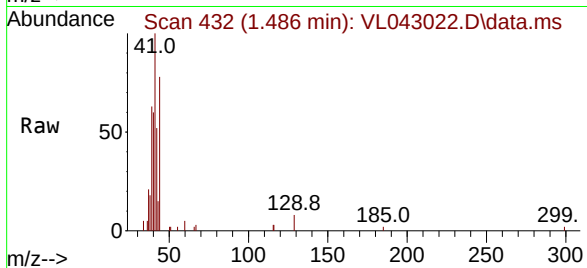
ClientSampleId :

Tgt Ion: 41 Resp: 1316

Ion Ratio Lower Upper

41 100

42 65.7 54.2 81.2



#10

Heptane

Concen: 0.072 ppbv

RT: 4.982 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VL043022.D

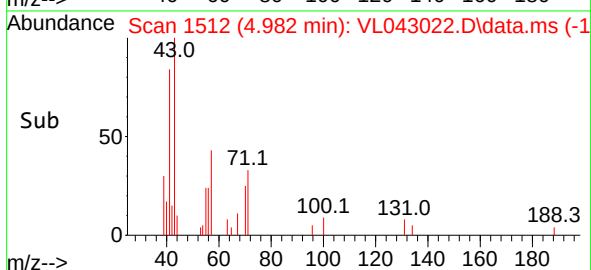
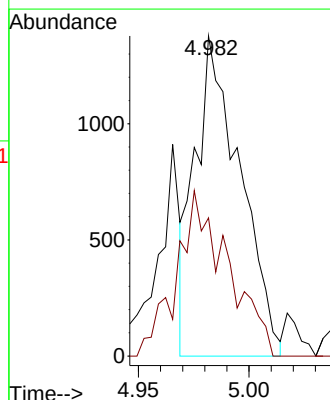
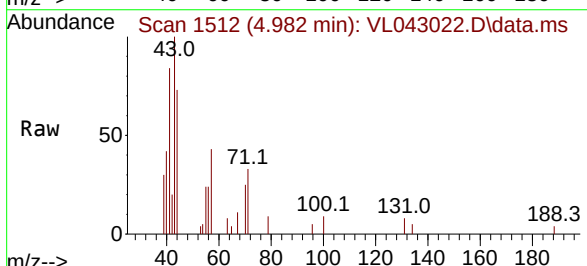
Acq: 30 Sep 2025 11:19

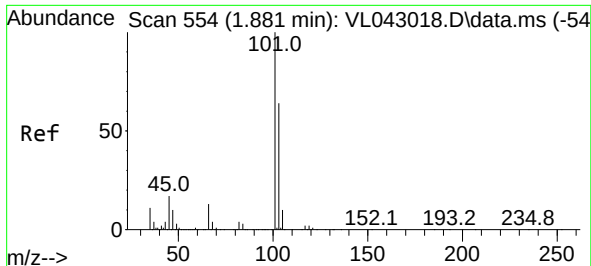
Tgt Ion: 43 Resp: 1951

Ion Ratio Lower Upper

43 100

57 58.6 40.5 60.7

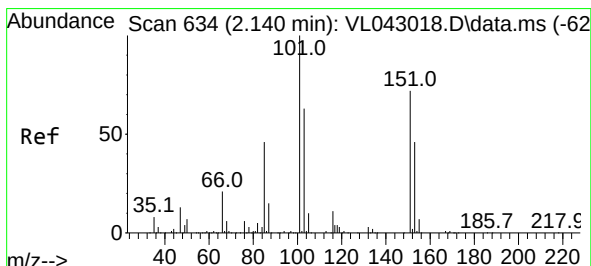
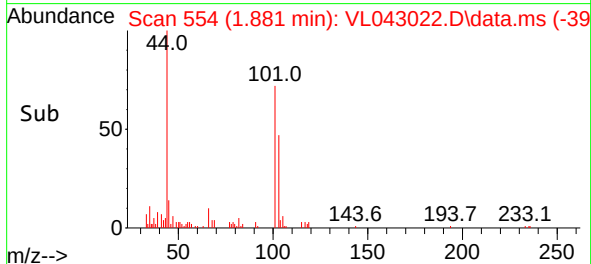
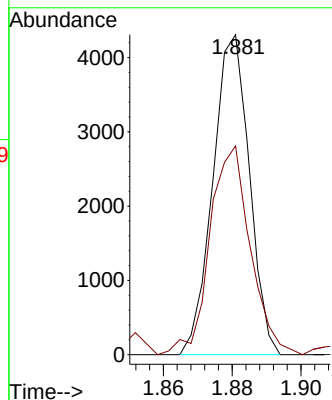
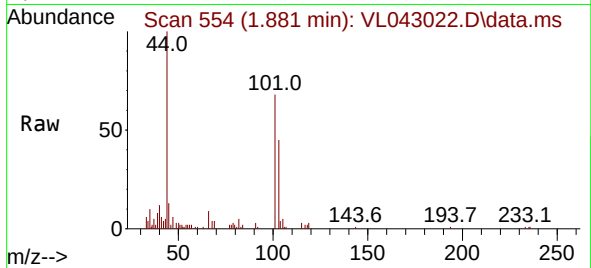




#11
 Trichlorofluoromethane
 Concen: 0.124 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

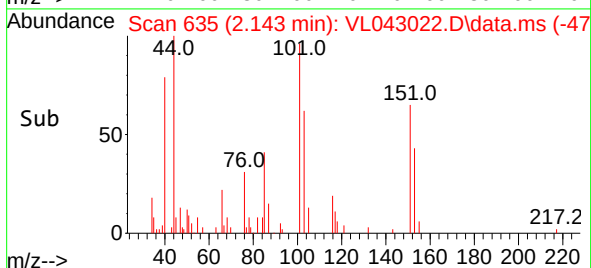
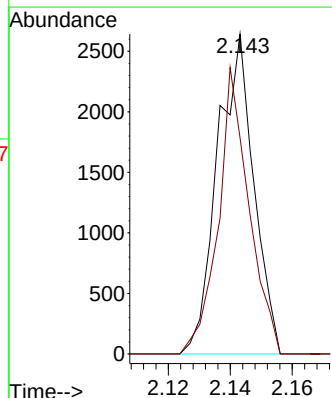
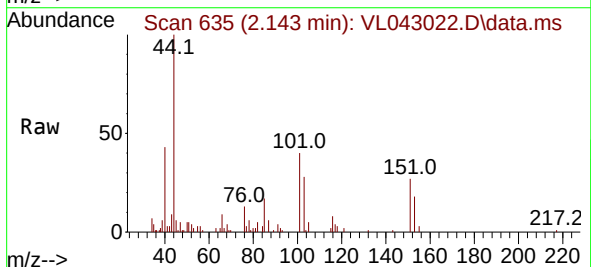
Instrument :
 MSVOA_L
 ClientSampleId :

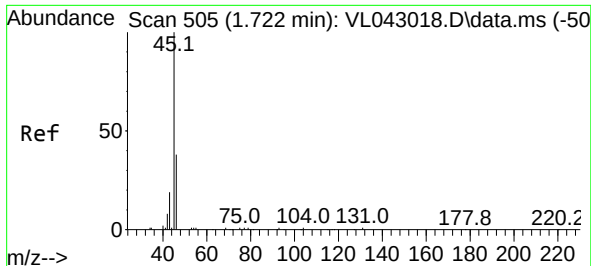
Tgt Ion:101 Resp: 3172
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.4 77.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.106 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.003 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

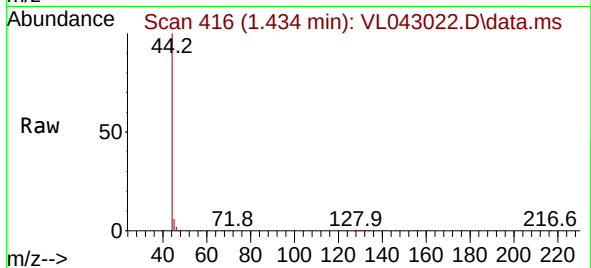
Tgt Ion:101 Resp: 2148
 Ion Ratio Lower Upper
 101 100
 151 75.7 60.2 90.4



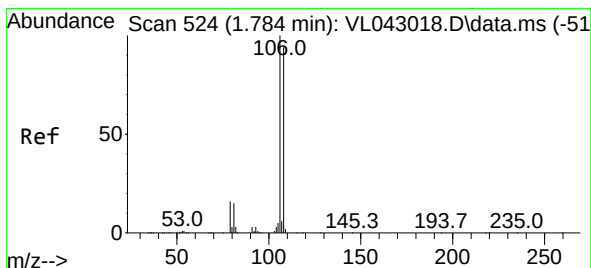
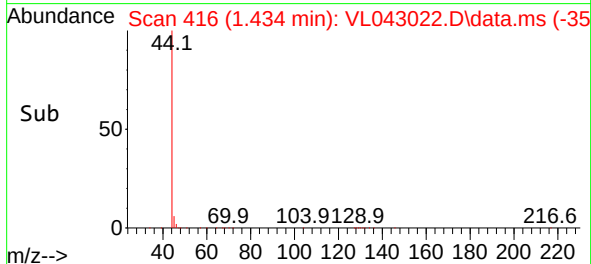
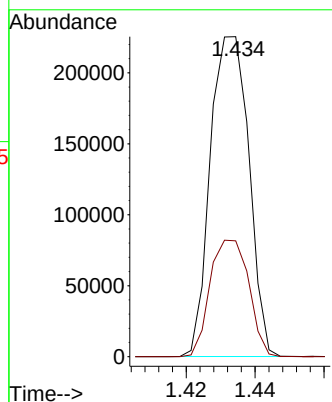


#13
Ethanol
Concen: 228.467 ppbv
RT: 1.434 min Scan# 416
Delta R.T. -0.288 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Instrument :
MSVOA_L
ClientSampleId :

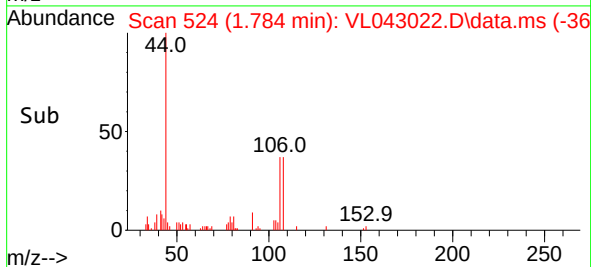
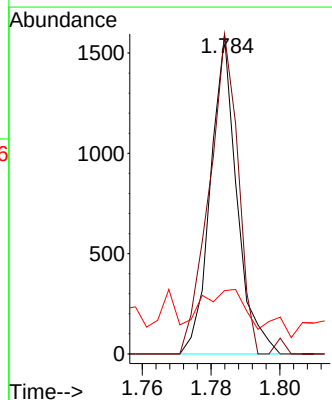
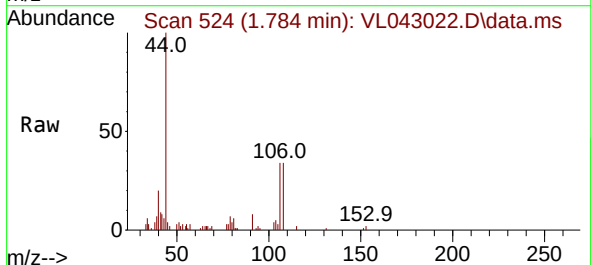


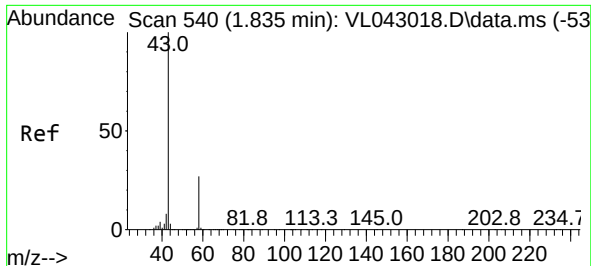
Tgt Ion: 45 Resp: 175538
Ion Ratio Lower Upper
45 100
46 36.6 16.2 64.8



#14
Bromoethene
Concen: 0.113 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion: 108 Resp: 851
Ion Ratio Lower Upper
108 100
106 115.2 85.4 128.0
79 85.4 13.8 20.8#

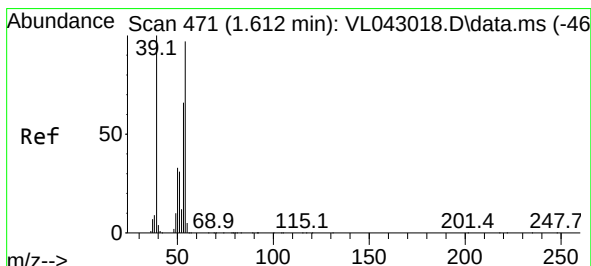
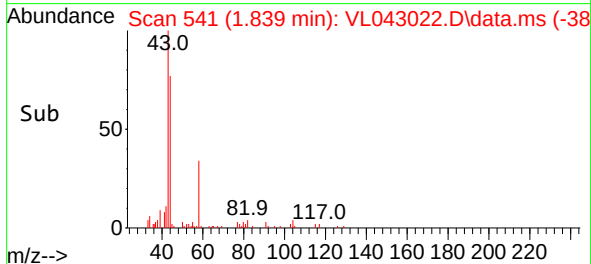
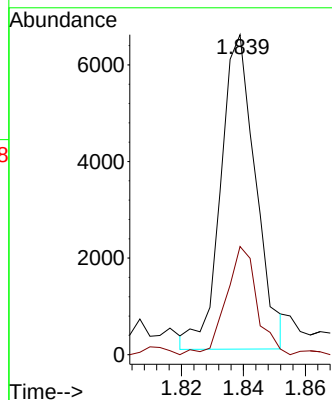
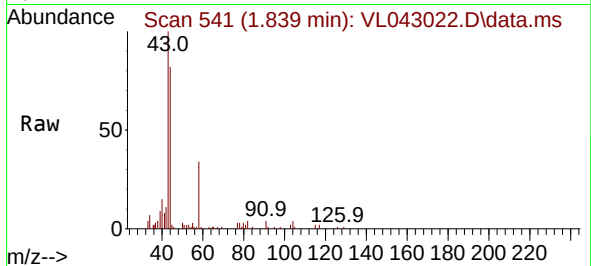




#15
Acetone
Concen: 0.244 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.004 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

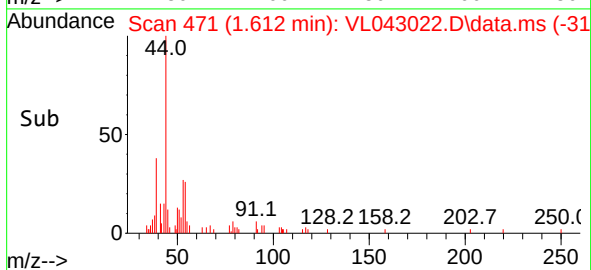
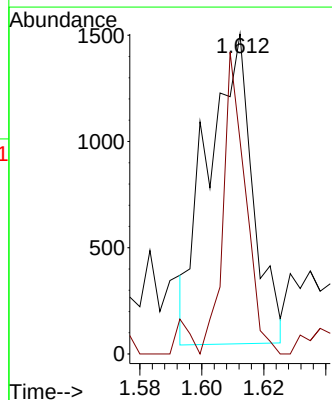
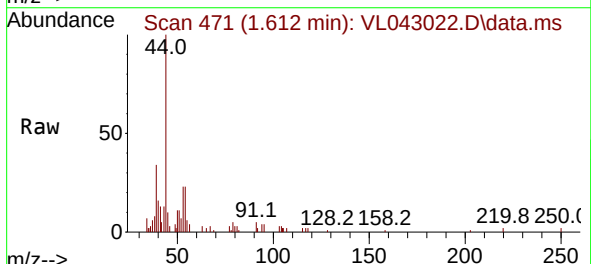
Instrument :
MSVOA_L
ClientSampleId :

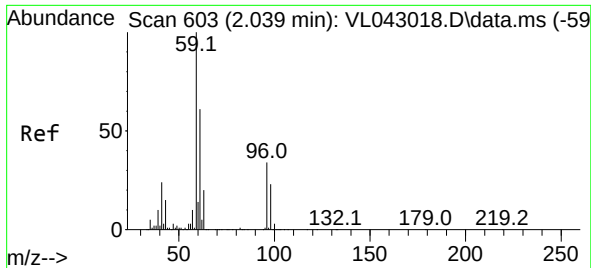
Tgt Ion: 43 Resp: 5109
Ion Ratio Lower Upper
43 100
58 32.7 22.8 34.2



#16
1,3-Butadiene
Concen: 0.166 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion: 39 Resp: 1473
Ion Ratio Lower Upper
39 100
54 57.6 65.4 98.2#





#17

tert-Butyl alcohol

Concen: 0.113 ppbv

RT: 2.043 min Scan# 603

Delta R.T. 0.003 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

Instrument :

MSVOA_L

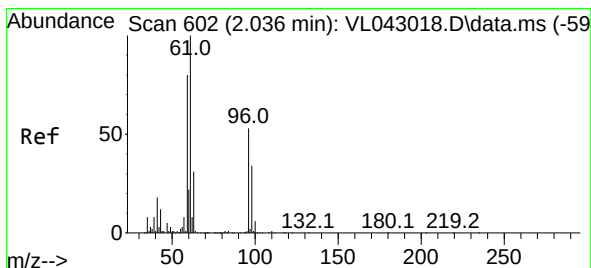
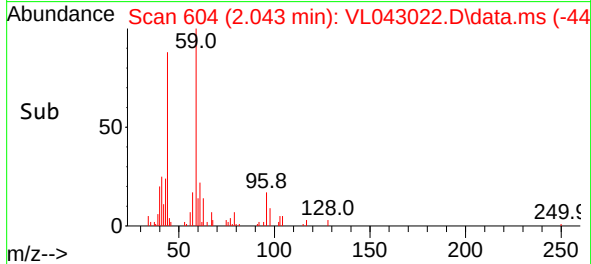
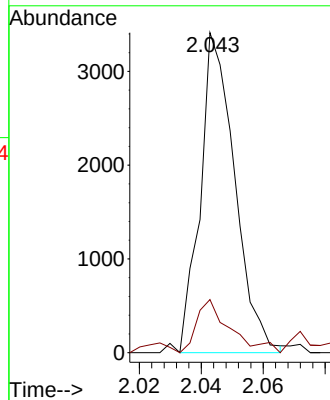
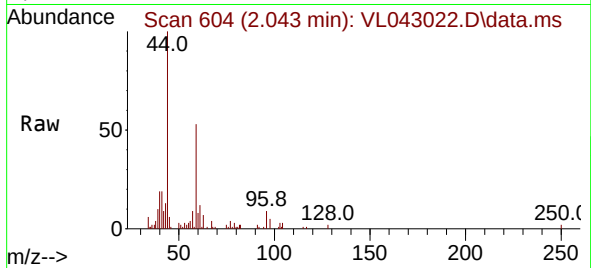
ClientSampleId :

Tgt Ion: 59 Resp: 2632

Ion Ratio Lower Upper

59 100

57 22.2 8.4 12.6#



#18

1,1-Dichloroethene

Concen: 0.124 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.000 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

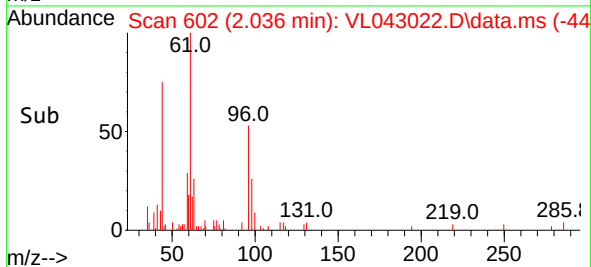
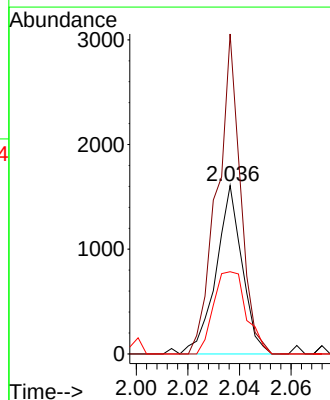
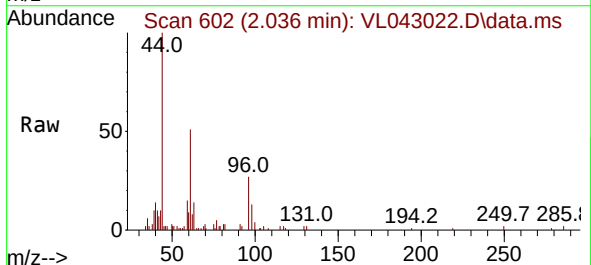
Tgt Ion: 96 Resp: 1127

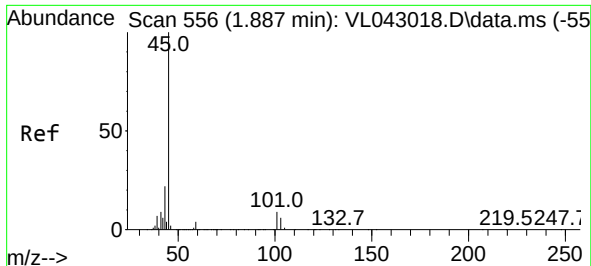
Ion Ratio Lower Upper

96 100

61 189.9 151.4 227.0

98 48.8 51.5 77.3#

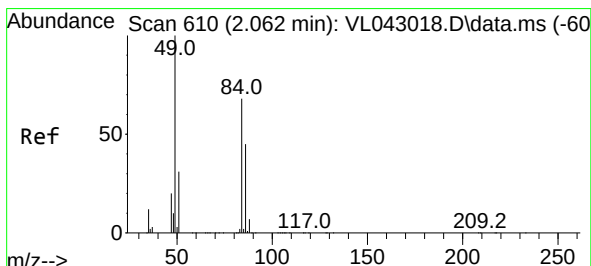
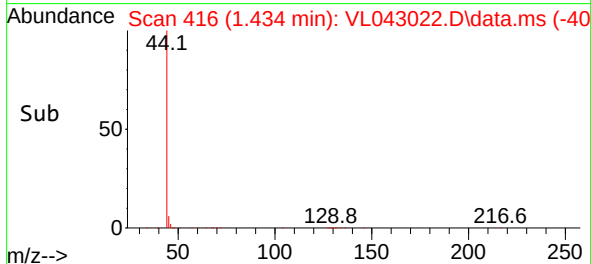
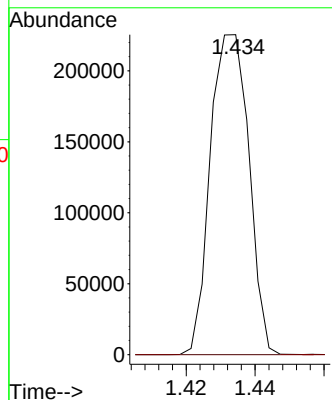
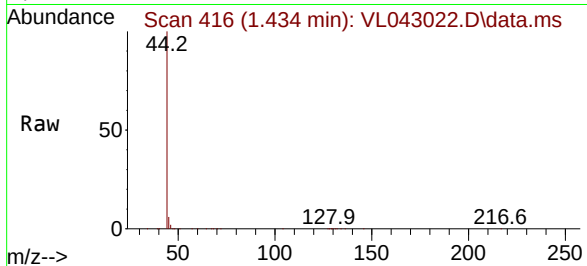




#19
Isopropyl Alcohol
Concen: 14.274 ppbv
RT: 1.434 min Scan# 416
Delta R.T. -0.453 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

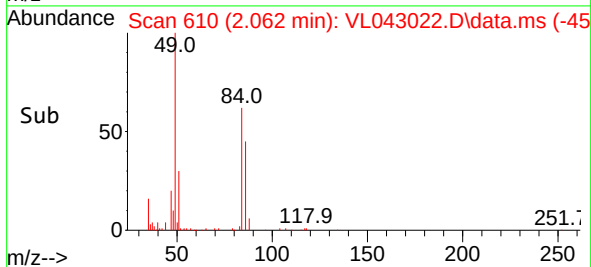
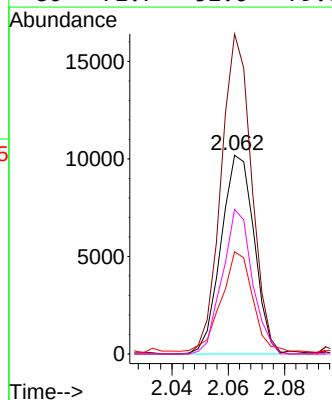
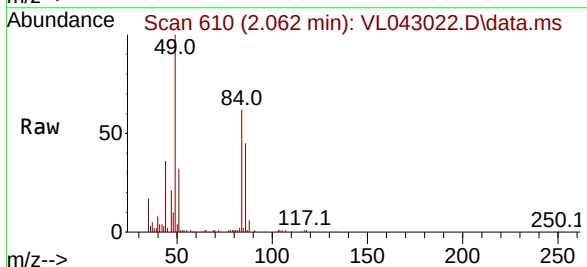
Instrument :
MSVOA_L
ClientSampleId :

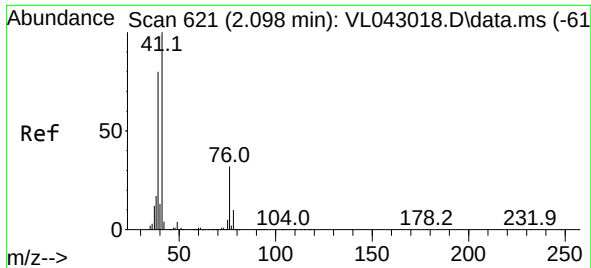
Tgt Ion: 45 Resp: 175538
Ion Ratio Lower Upper
45 100
58 0.1 33.9 50.9#



#20
Methylene Chloride
Concen: 0.385 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion: 84 Resp: 8308
Ion Ratio Lower Upper
84 100
49 161.0 117.4 176.2
51 50.1 37.4 56.0
86 72.7 52.6 79.0

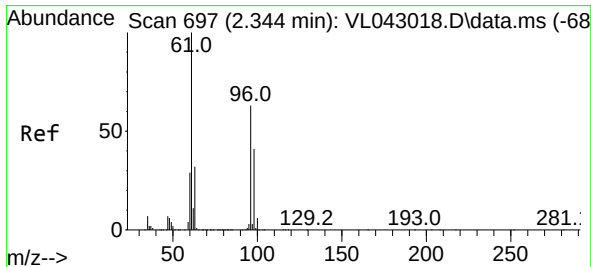
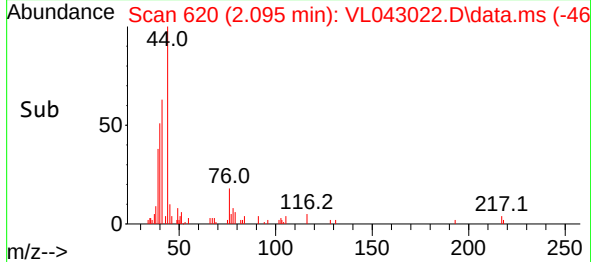
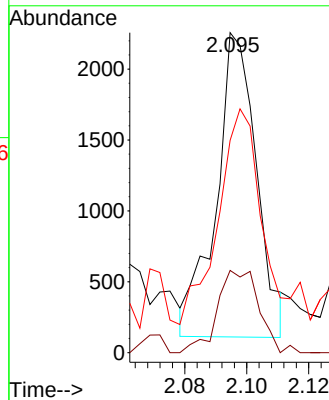
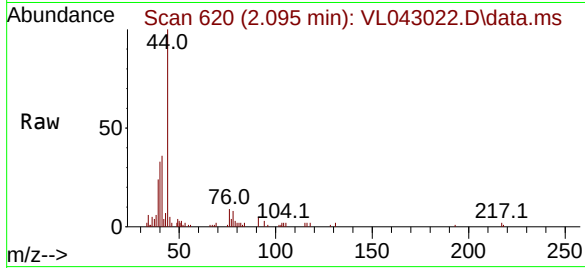




#21
 Allyl Chloride
 Concen: 0.137 ppbv
 RT: 2.095 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

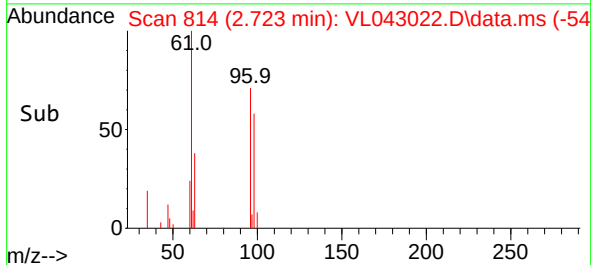
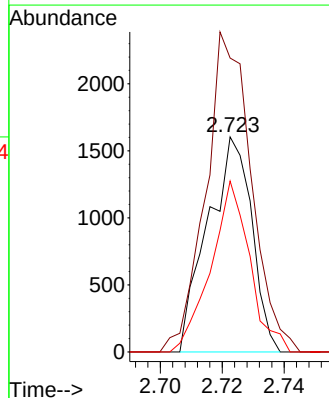
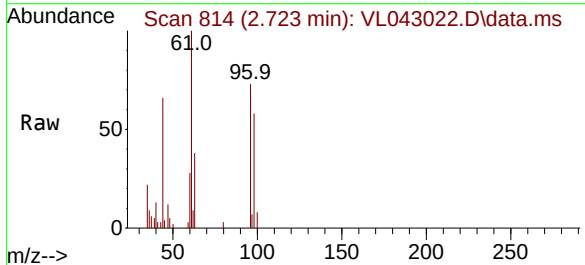
Instrument :
 MSVOA_L
 ClientSampleId :

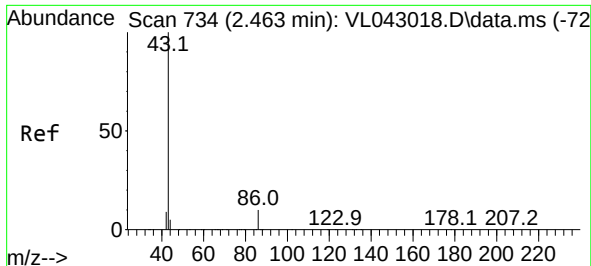
Tgt Ion: 41 Resp: 1942
 Ion Ratio Lower Upper
 41 100
 76 31.2 25.6 38.4
 39 93.2 62.6 94.0



#22
 trans-1,2-Dichloroethene
 Concen: 0.153 ppbv
 RT: 2.723 min Scan# 814
 Delta R.T. 0.379 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

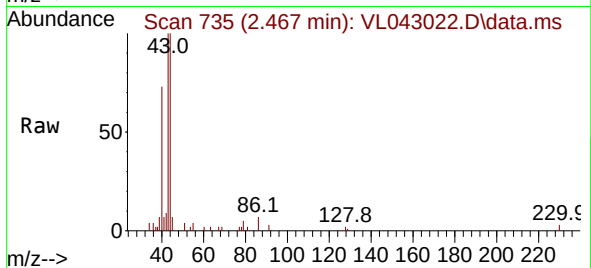
Tgt Ion: 96 Resp: 1577
 Ion Ratio Lower Upper
 96 100
 61 128.1 126.1 189.1
 98 75.4 51.3 76.9



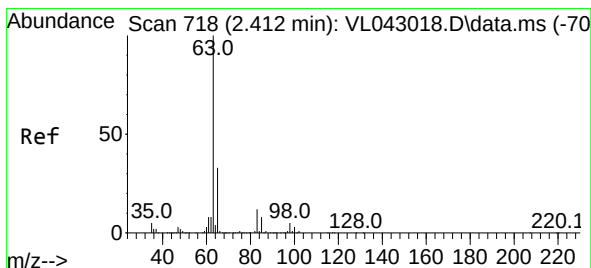
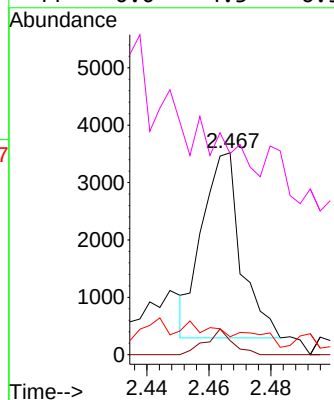
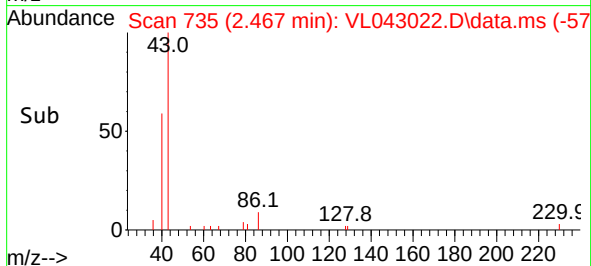


#23
 Vinyl Acetate
 Concen: 0.097 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.004 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

Instrument :
 MSVOA_L
 ClientSampleId :

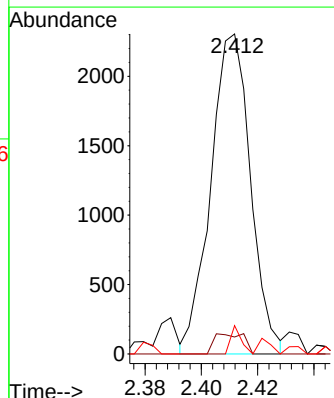
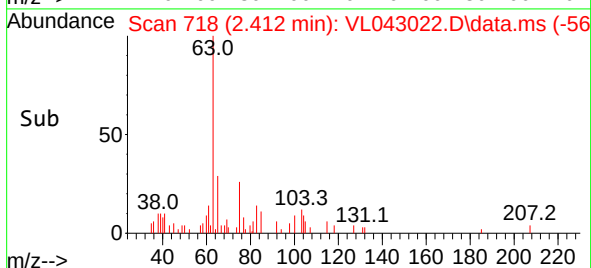
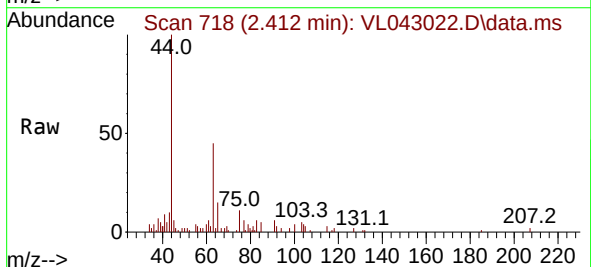


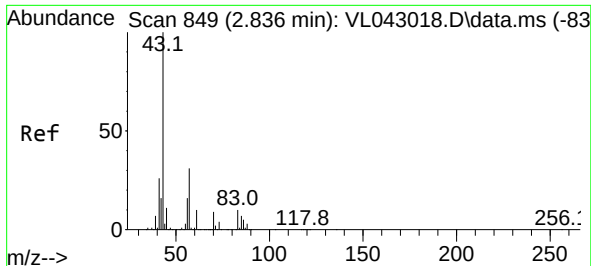
Tgt Ion: 43	Resp: 2797
Ion Ratio	Lower Upper
43 100	
86 7.6	7.1 10.7
42 5.6	7.9 11.9#
44 0.0	4.3 6.5#



#24
 1,1-Dichloroethane
 Concen: 0.116 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

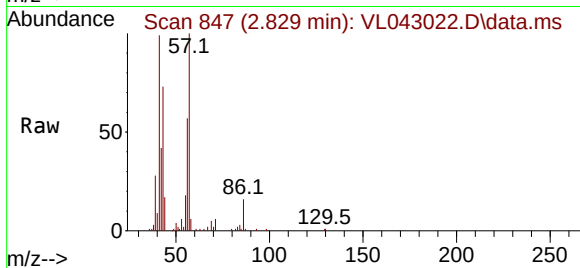
Tgt Ion: 63	Resp: 2262
Ion Ratio	Lower Upper
63 100	
98 5.5	2.4 7.2
100 9.1	1.6 4.8#



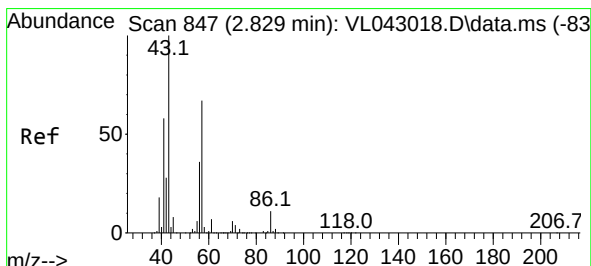
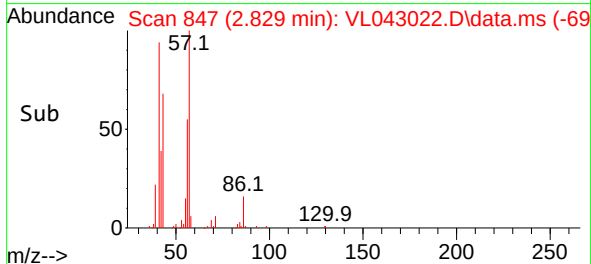
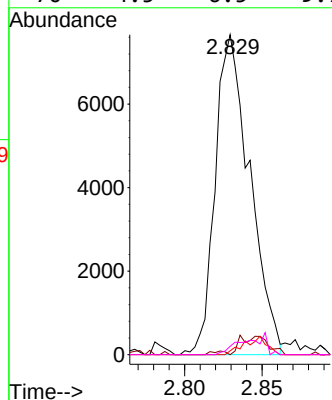


#25
Ethyl Acetate
Concen: 0.223 ppbv
RT: 2.829 min Scan# 84
Delta R.T. -0.006 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Instrument :
MSVOA_1
ClientSampleId :

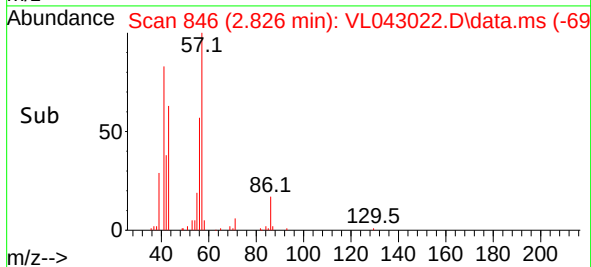
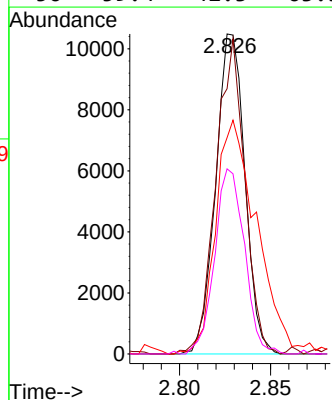
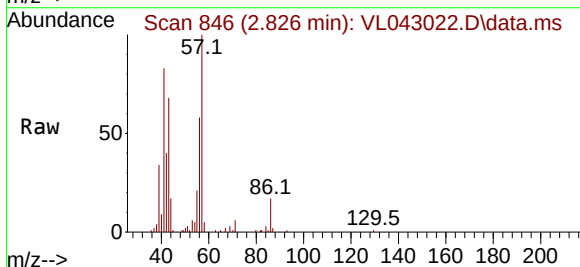


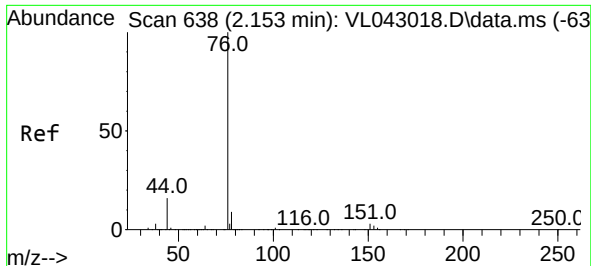
Tgt Ion: 43 Resp: 11878
Ion Ratio Lower Upper
43 100
45 5.1 7.8 11.6#
61 3.7 7.0 10.4#
70 4.5 6.5 9.7#



#26
Hexane
Concen: 0.422 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion: 57 Resp: 11706
Ion Ratio Lower Upper
57 100
41 99.3 70.3 105.5
43 106.1 172.1 258.1#
56 59.4 42.3 63.5





#27

Carbon Disulfide

Concen: 0.114 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.000 min

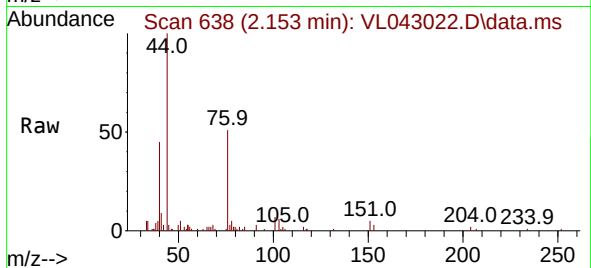
Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

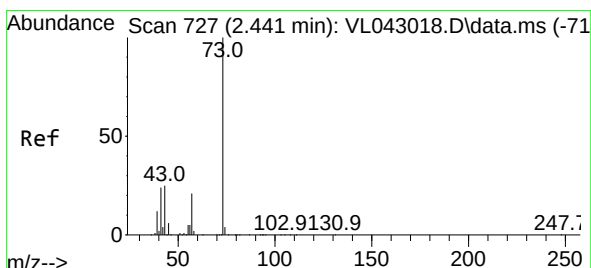
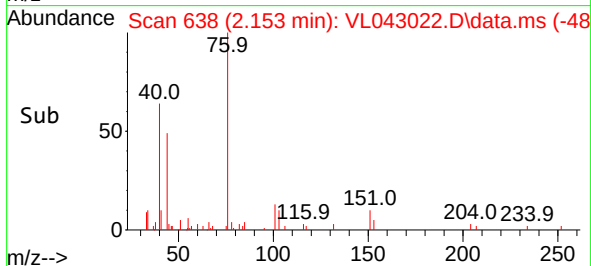
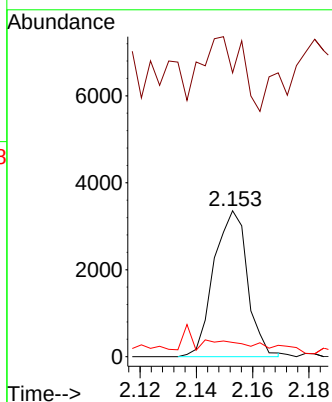
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 76	Resp: 2780
Ion Ratio	Lower Upper
76	100
44	59.5 14.6 21.8#
78	34.2 9.4 14.2#



#28

Methyl tert-Butyl Ether

Concen: 0.109 ppbv

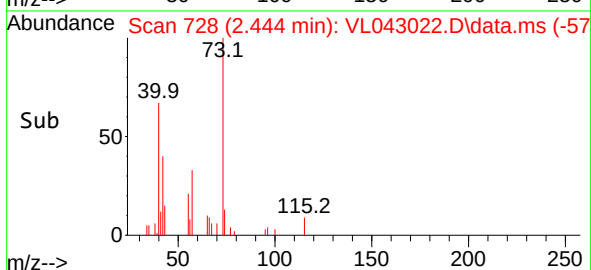
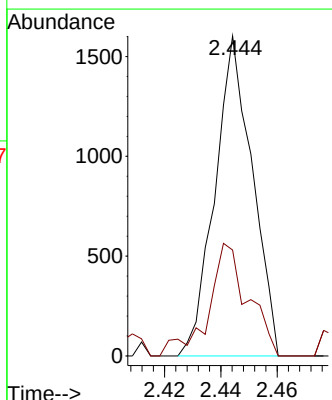
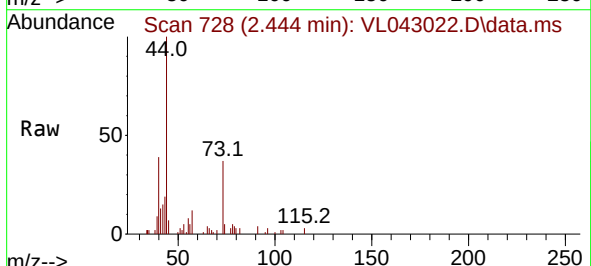
RT: 2.444 min Scan# 728

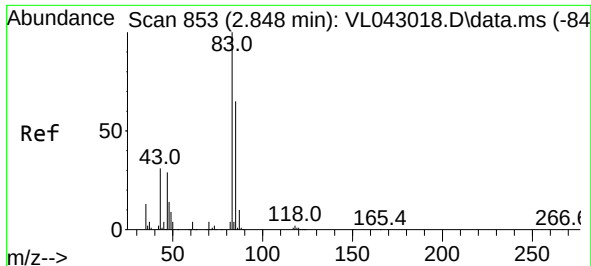
Delta R.T. 0.004 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

Tgt Ion: 73	Resp: 1481
Ion Ratio	Lower Upper
73	100
57	41.8 17.7 26.5#





#29

Chloroform

Concen: 0.109 ppbv

RT: 2.849 min Scan# 853

Delta R.T. 0.000 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

Instrument :

MSVOA_L

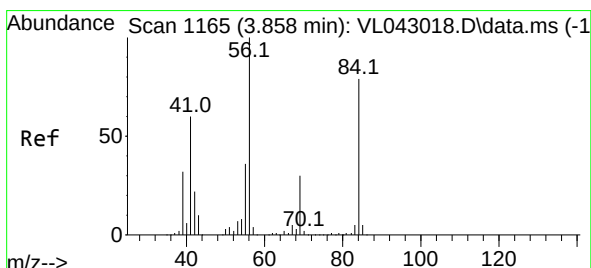
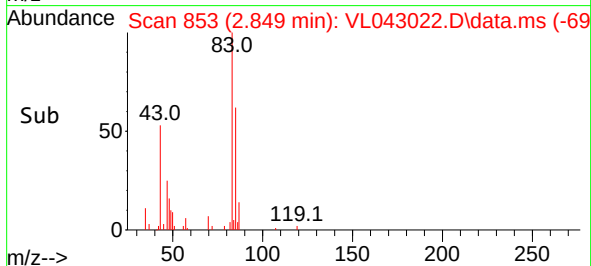
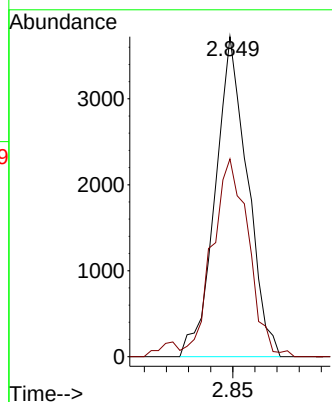
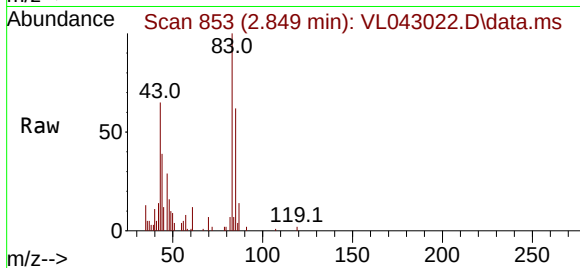
ClientSampleId :

Tgt Ion: 83 Resp: 3770

Ion Ratio Lower Upper

83 100

85 60.5 51.7 77.5



#30

Cyclohexane

Concen: 0.023 ppbv

RT: 3.859 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

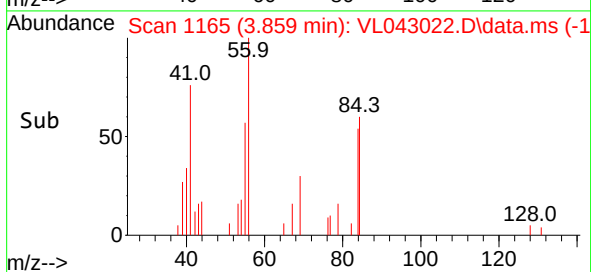
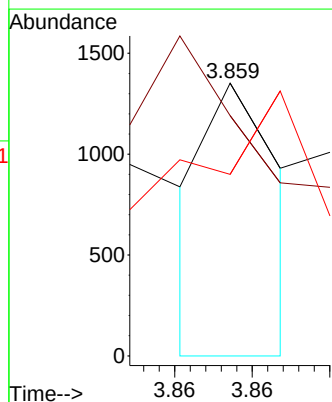
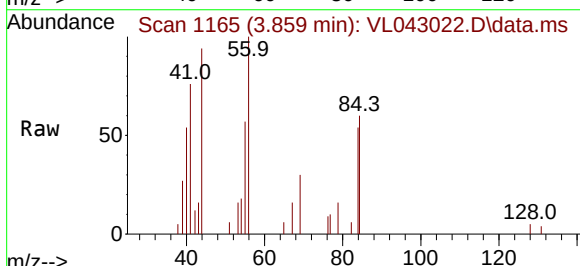
Tgt Ion: 84 Resp: 443

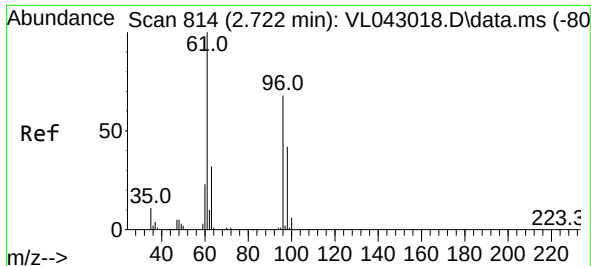
Ion Ratio Lower Upper

84 100

56 474.0 97.3 145.9#

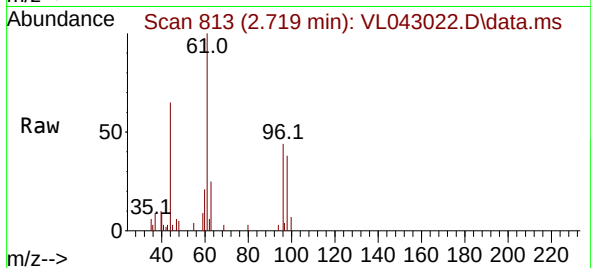
41 422.8 62.6 93.8#



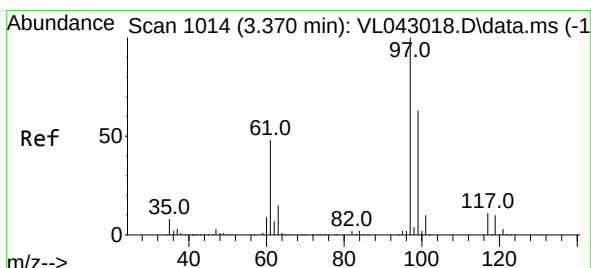
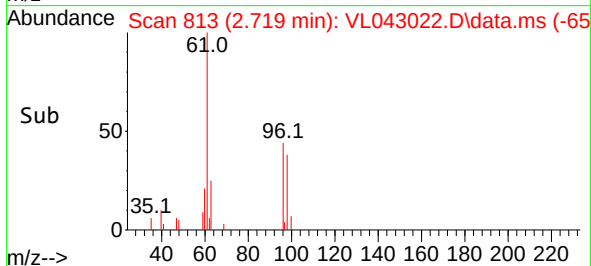
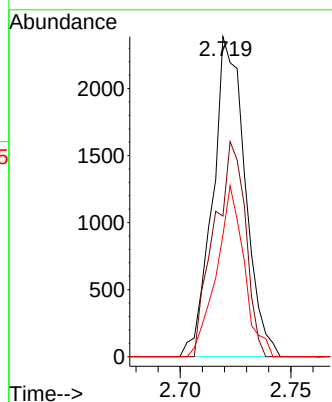


#31
 cis-1,2-Dichloroethene
 Concen: 0.108 ppbv
 RT: 2.719 min Scan# 814
 Delta R.T. -0.003 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

Instrument :
 MSVOA_L
 ClientSampleId :

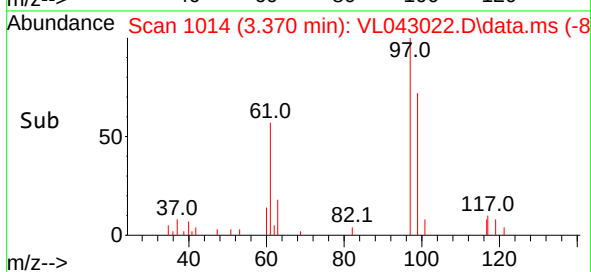
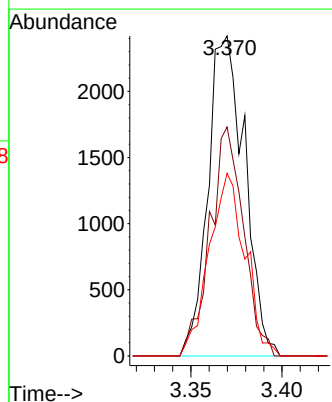
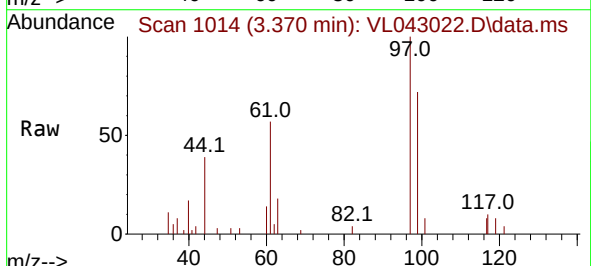


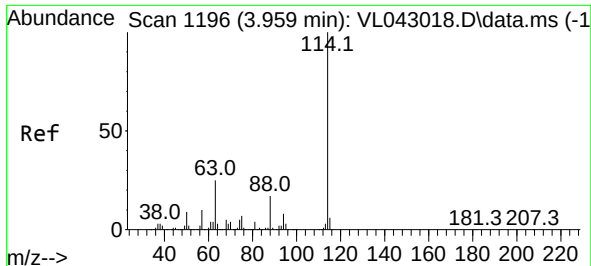
Tgt Ion: 61 Resp: 2432
 Ion Ratio Lower Upper
 61 100
 96 47.6 54.4 81.6#
 98 38.0 33.7 50.5



#32
 1,1,1-Trichloroethane
 Concen: 0.097 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. 0.000 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

Tgt Ion: 97 Resp: 3395
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.4 77.0
 61 55.7 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.000 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

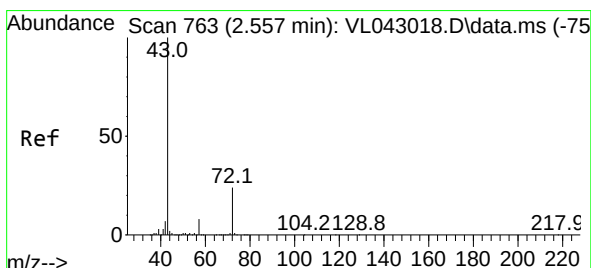
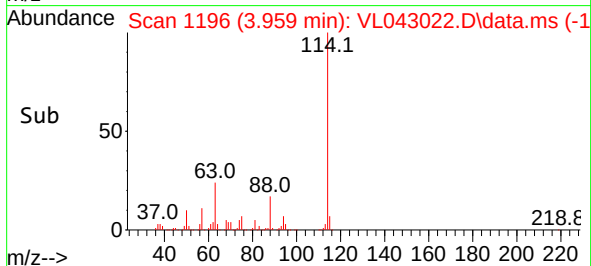
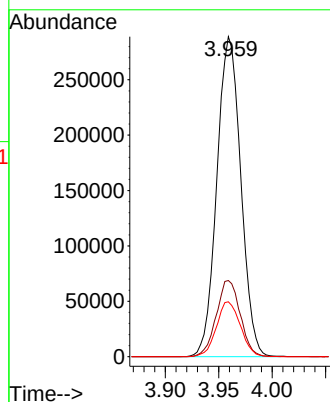
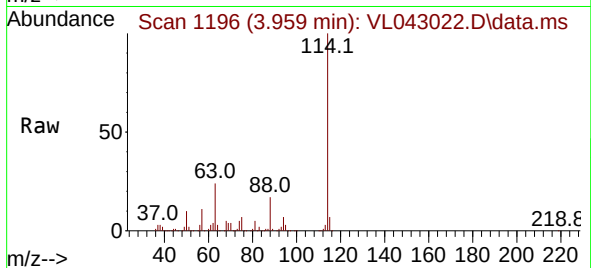
Tgt Ion:114 Resp: 451106

Ion Ratio Lower Upper

114 100

63 23.8 19.7 29.5

88 17.2 13.8 20.6



#34

2-Butanone

Concen: 0.117 ppbv

RT: 2.561 min Scan# 764

Delta R.T. 0.004 min

Lab File: VL043022.D

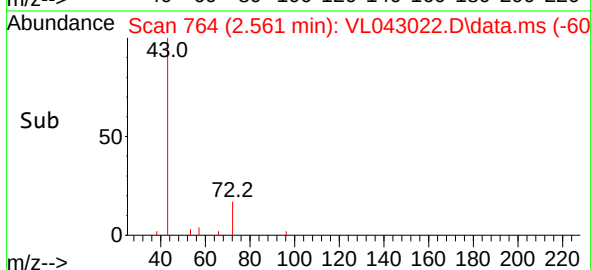
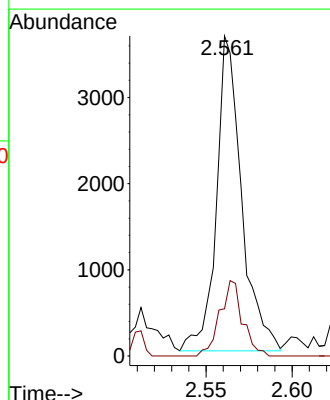
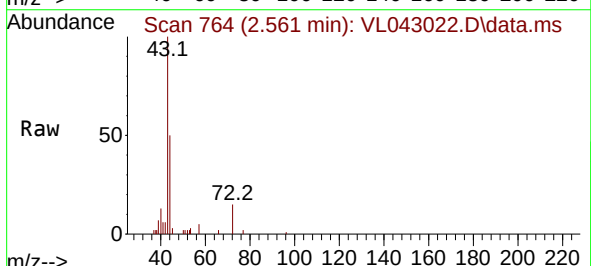
Acq: 30 Sep 2025 11:19

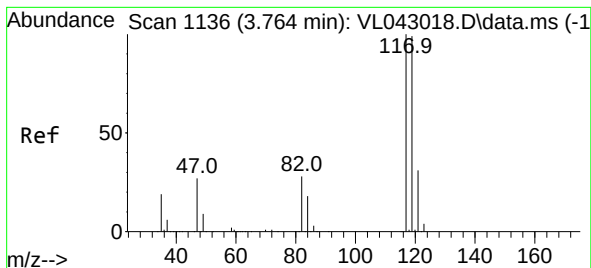
Tgt Ion: 43 Resp: 3720

Ion Ratio Lower Upper

43 100

72 21.6 18.7 28.1





#35

Carbon Tetrachloride

Concen: 0.054 ppbv

RT: 3.768 min Scan# 1136

Delta R.T. 0.003 min

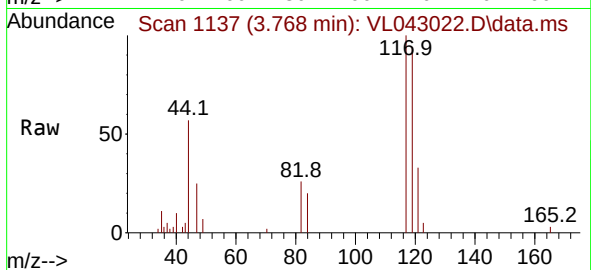
Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :



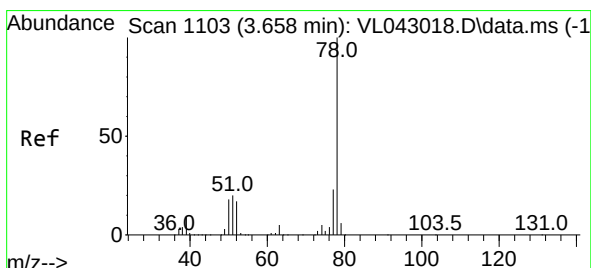
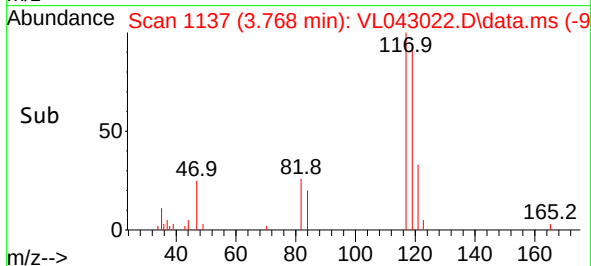
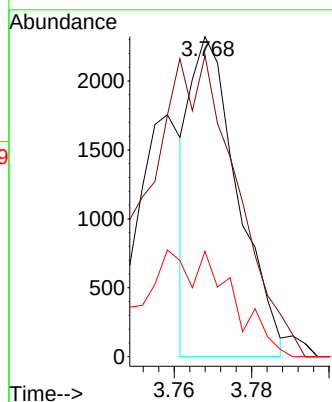
Tgt Ion:117 Resp: 1985

Ion Ratio Lower Upper

117 100

119 85.7 79.1 118.7

121 32.5 24.5 36.7



#36

Benzene

Concen: 0.104 ppbv

RT: 3.655 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

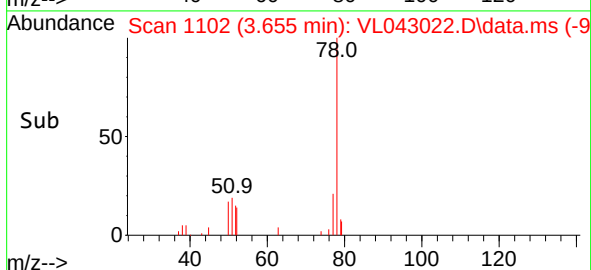
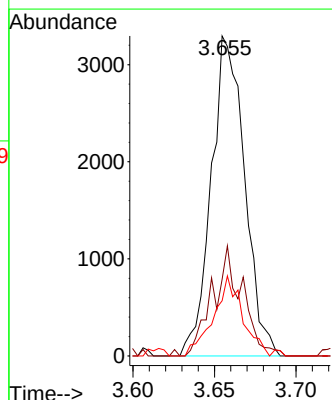
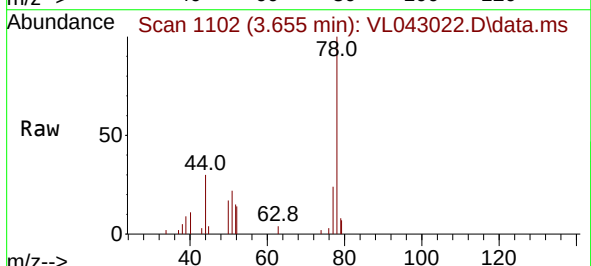
Tgt Ion: 78 Resp: 4690

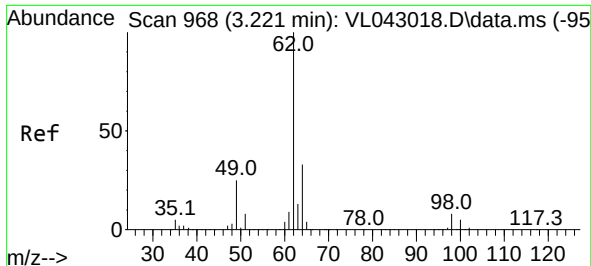
Ion Ratio Lower Upper

78 100

77 23.9 18.8 28.2

50 17.2 14.5 21.7

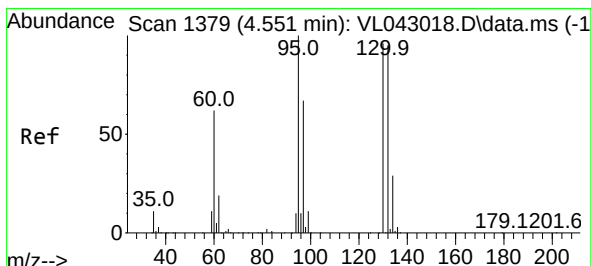
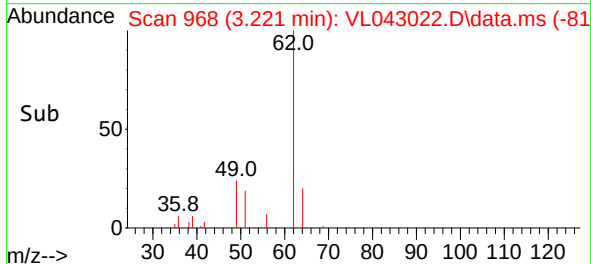
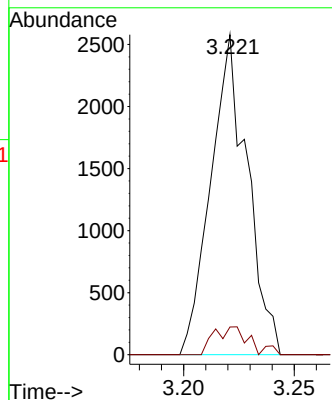
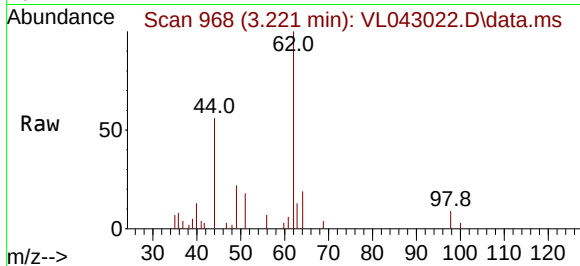




#37
1,2-Dichloroethane
Concen: 0.115 ppbv
RT: 3.221 min Scan# 968
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

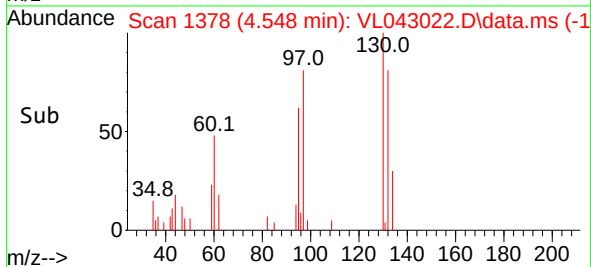
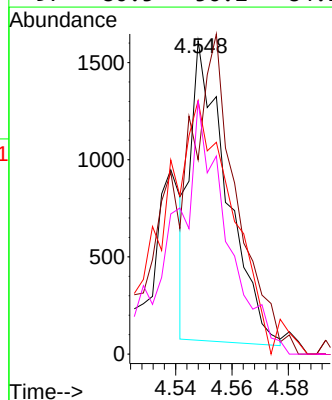
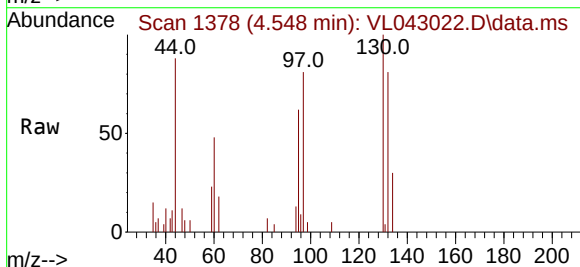
Instrument :
MSVOA_L
ClientSampleId :

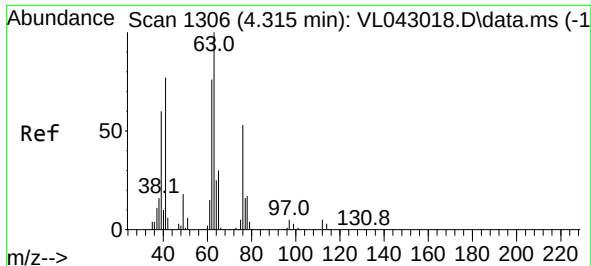
Tgt Ion: 62 Resp: 2960
Ion Ratio Lower Upper
62 100
98 8.5 5.7 8.5#



#38
Trichloroethene
Concen: 0.060 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion: 130 Resp: 1379
Ion Ratio Lower Upper
130 100
95 61.1 83.4 125.0#
132 73.3 79.0 118.4#
97 80.5 56.2 84.2





#39

1,2-Dichloropropane

Concen: 6.463 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.356 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

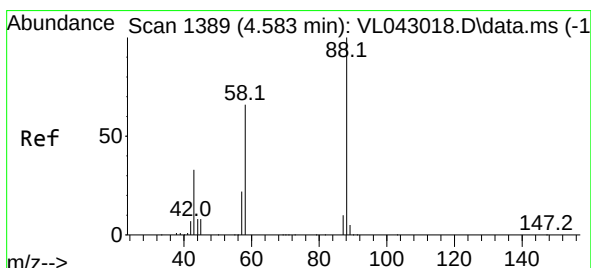
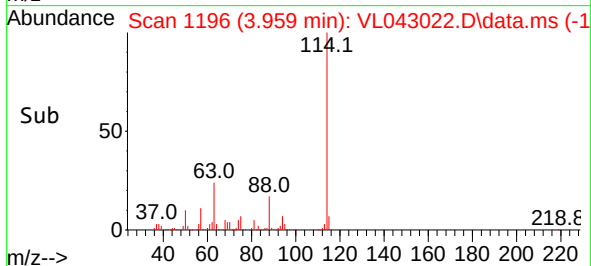
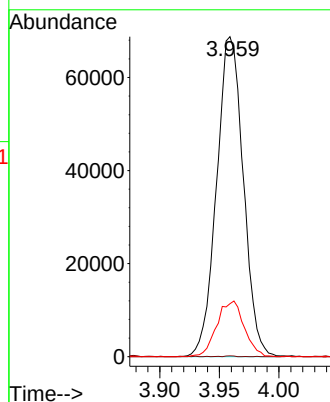
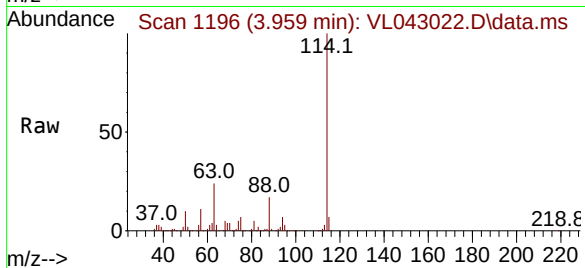
Tgt Ion: 63 Resp: 107297

Ion Ratio Lower Upper

63 100

41 0.2 62.3 93.5#

62 16.5 60.5 90.7#



#40

1,4-Dioxane

Concen: 0.031 ppbv

RT: 4.606 min Scan# 1396

Delta R.T. 0.023 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

Tgt Ion: 88 Resp: 216

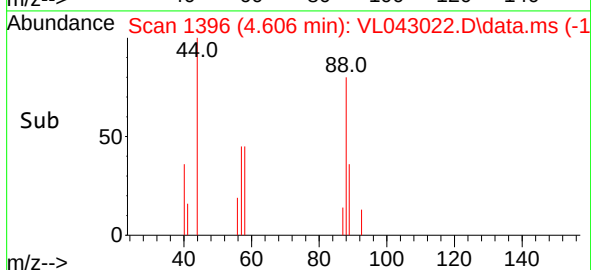
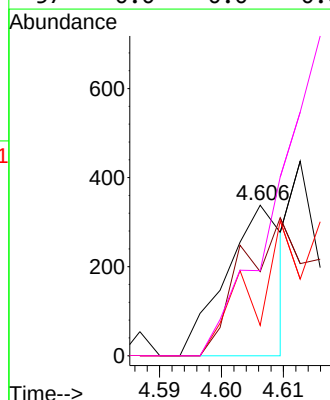
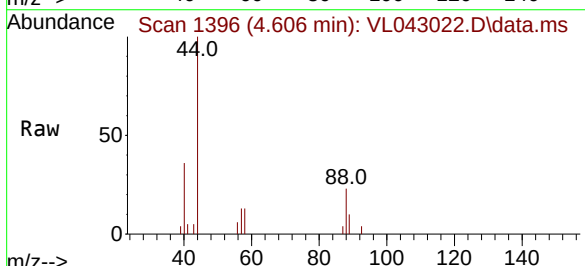
Ion Ratio Lower Upper

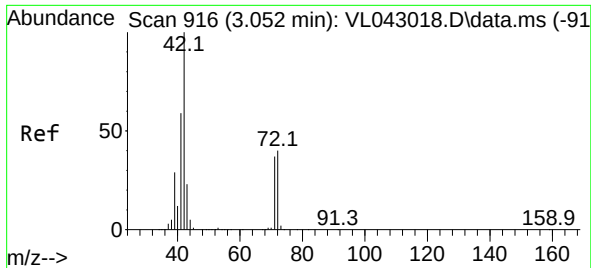
88 100

58 0.0 59.3 88.9#

43 69.9 24.3 36.5#

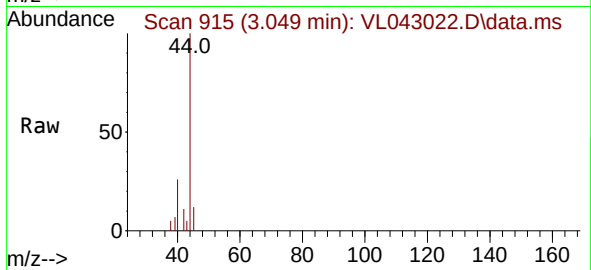
57 0.0 0.0 0.0



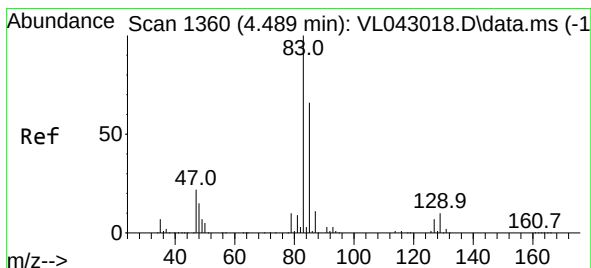
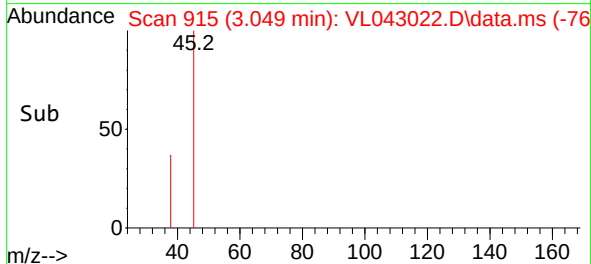
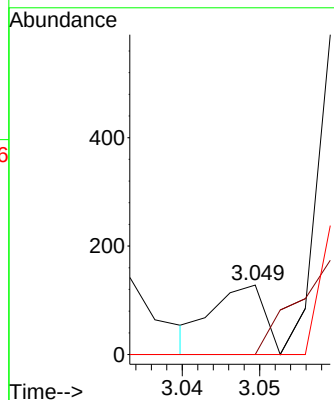


#41
Tetrahydrofuran
Concen: 0.004 ppbv
RT: 3.049 min Scan# 916
Delta R.T. -0.003 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Instrument :
MSVOA_L
ClientSampleId :

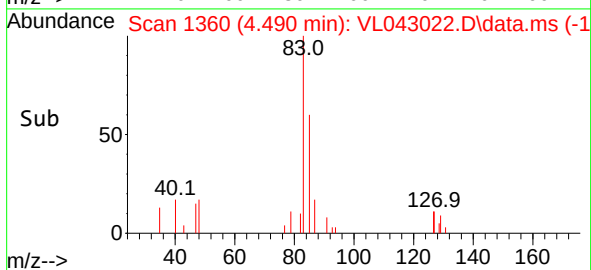
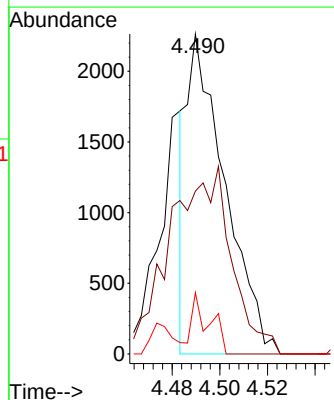
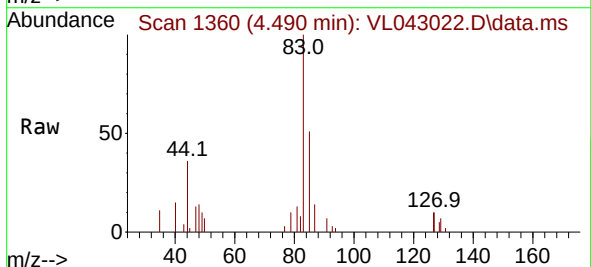


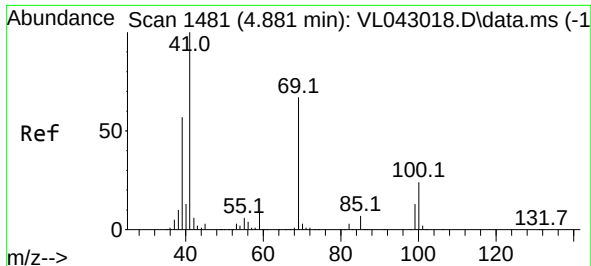
Tgt Ion: 42 Resp: 60
Ion Ratio Lower Upper
42 100
72 0.0 31.6 47.4#
71 0.0 30.4 45.6#



#42
Bromodichloromethane
Concen: 0.070 ppbv
RT: 4.490 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion: 83 Resp: 2507
Ion Ratio Lower Upper
83 100
85 50.9 52.6 78.8#
127 19.2 5.7 8.5#

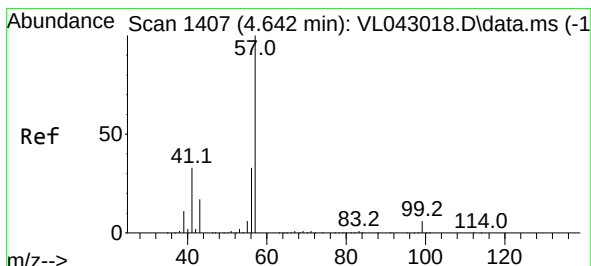
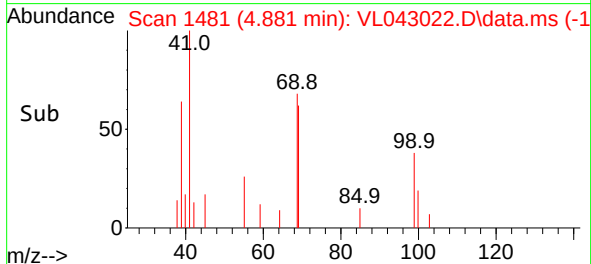
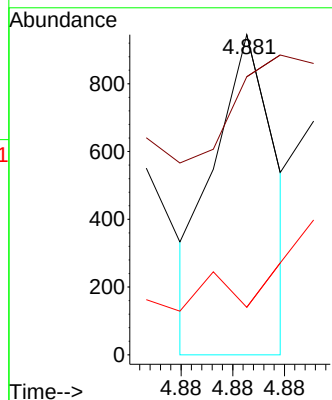
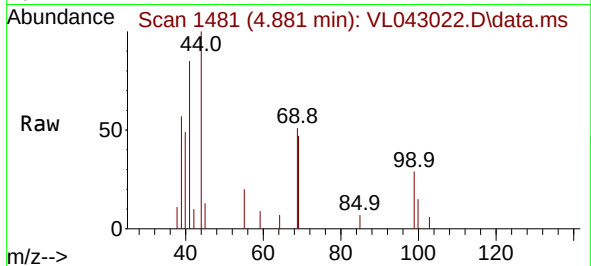




#43
Methyl Methacrylate
Concen: 0.025 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

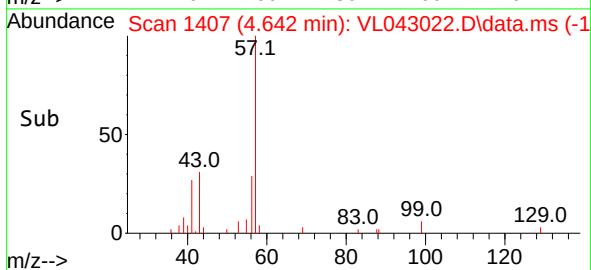
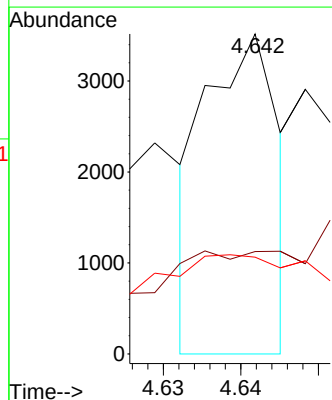
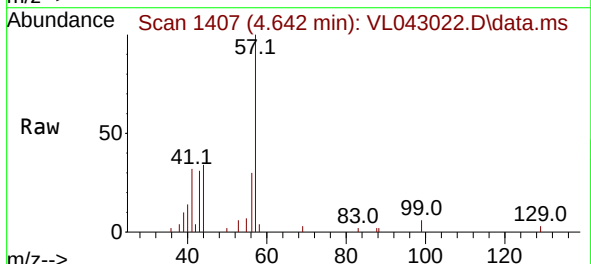
Instrument :
MSVOA_L
ClientSampleId :

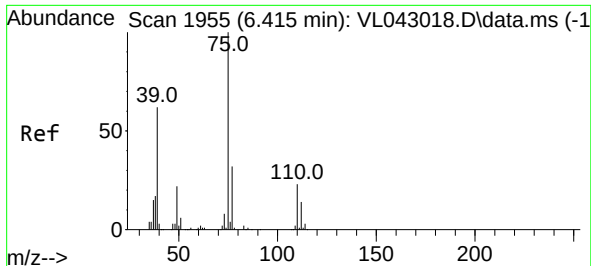
Tgt Ion: 69 Resp: 394
Ion Ratio Lower Upper
69 100
41 0.0 117.6 176.4#
100 0.0 29.0 43.6#



#44
2,2,4-Trimethylpentane
Concen: 0.031 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion: 57 Resp: 2293
Ion Ratio Lower Upper
57 100
41 0.0 26.2 39.2#
56 106.0 25.9 38.9#





#45

t-1,3-Dichloropropene

Concen: 0.021 ppbv

RT: 6.416 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

Instrument :

MSVOA_L

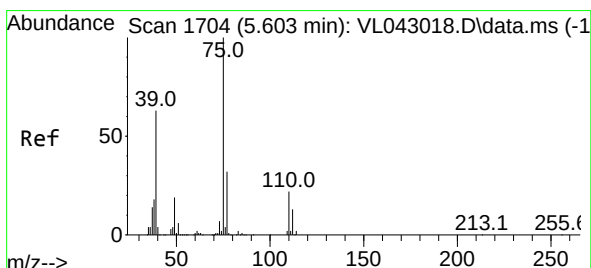
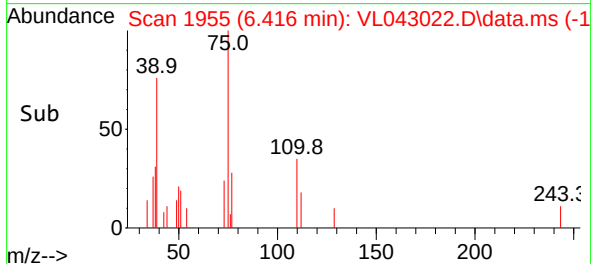
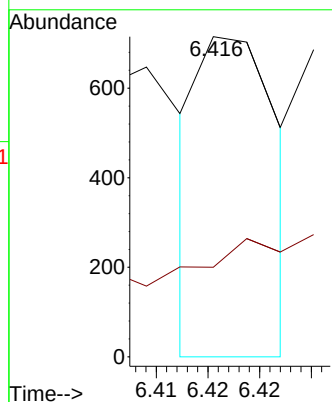
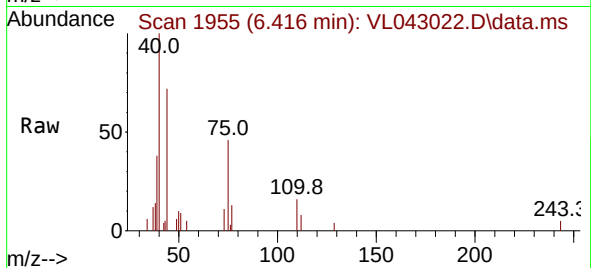
ClientSampleId :

Tgt Ion: 75 Resp: 374

Ion Ratio Lower Upper

75 100

77 28.0 25.8 38.6



#46

cis-1,3-Dichloropropene

Concen: 0.027 ppbv

RT: 5.600 min Scan# 1703

Delta R.T. -0.003 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

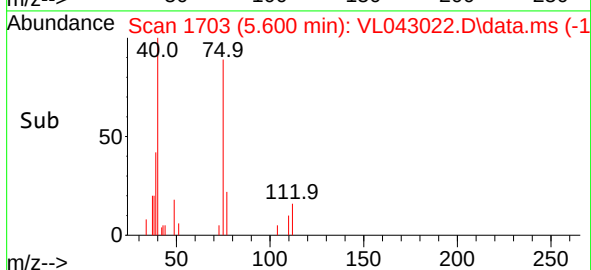
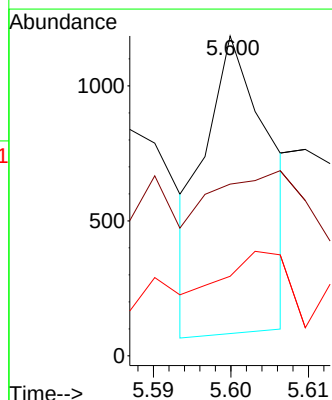
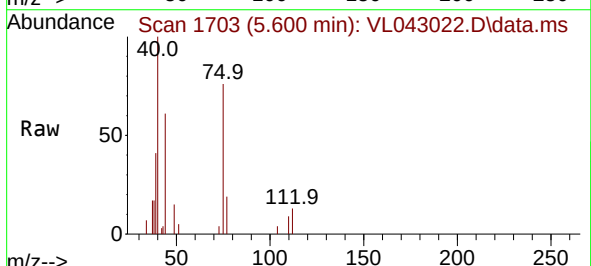
Tgt Ion: 75 Resp: 630

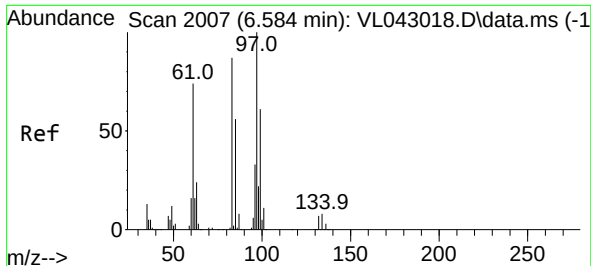
Ion Ratio Lower Upper

75 100

39 27.8 50.2 75.2#

77 11.8 25.4 38.0#





#47

1,1,2-Trichloroethane

Concen: 0.060 ppbv

RT: 6.590 min Scan# 2009

Delta R.T. 0.007 min

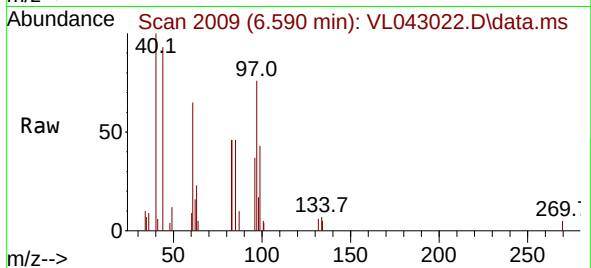
Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 1050

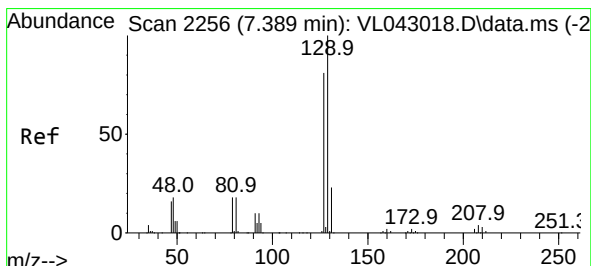
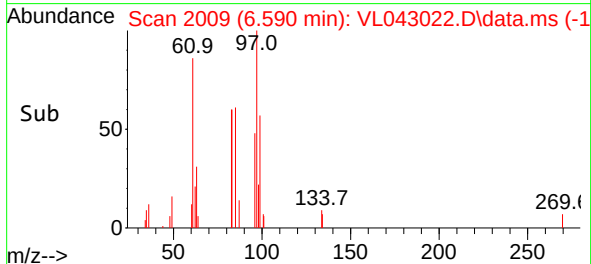
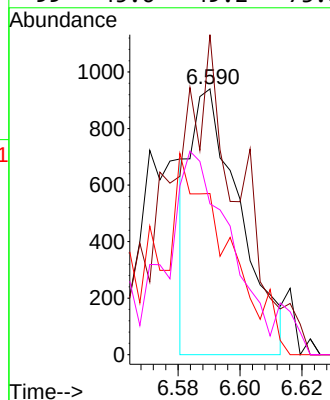
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

97	100		
----	-----	--	--

83	126.1	69.6	104.4#
----	-------	------	--------

85	67.5	44.6	66.8#
----	------	------	-------

99	45.6	49.2	73.8#
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#48

Dibromochloromethane

Concen: 0.063 ppbv

RT: 7.393 min Scan# 2257

Delta R.T. 0.003 min

Lab File: VL043022.D

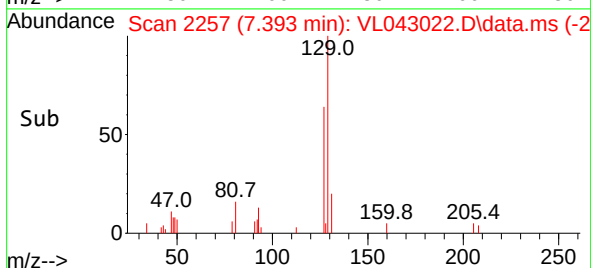
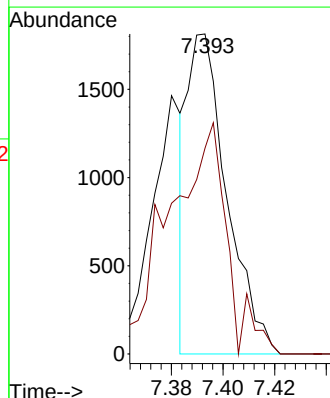
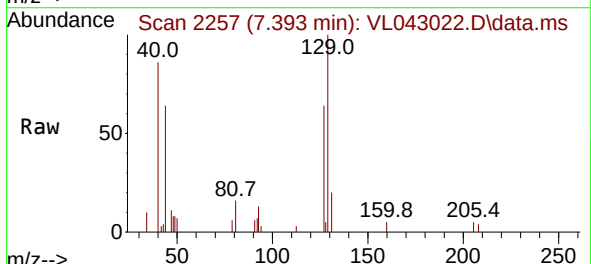
Acq: 30 Sep 2025 11:19

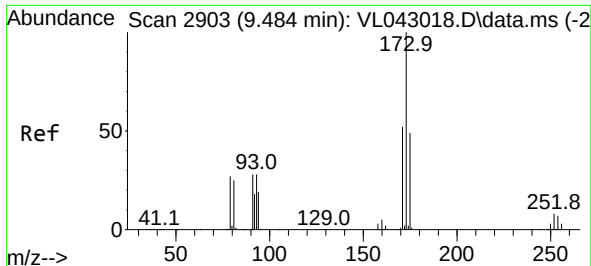
Tgt Ion: 129 Resp: 1927

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

129	100		
-----	-----	--	--

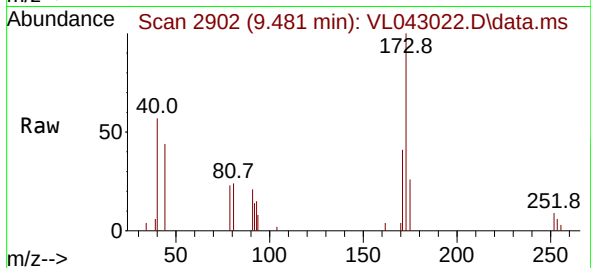
127	107.8	38.6	116.0
-----	-------	------	-------



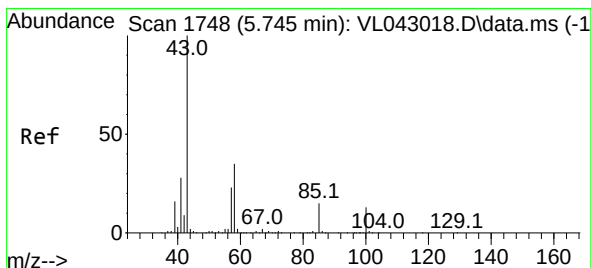
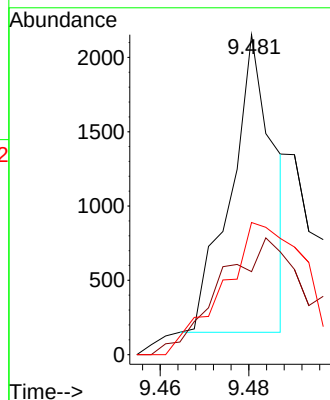
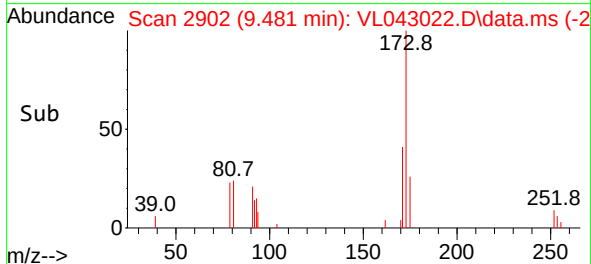


#49
Bromoform
Concen: 0.052 ppbv
RT: 9.481 min Scan# 2903
Delta R.T. -0.003 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Instrument :
MSVOA_L
ClientSampleId :

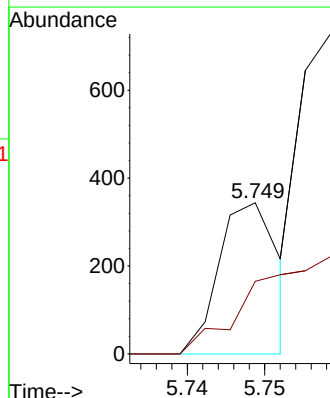
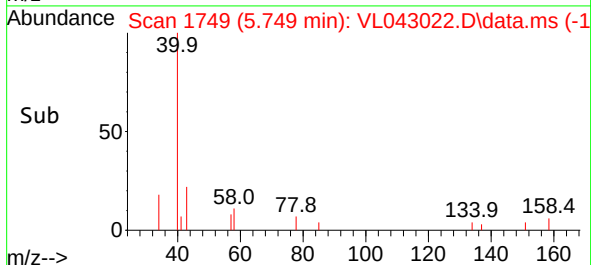
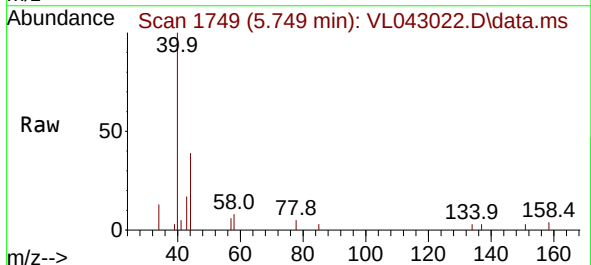


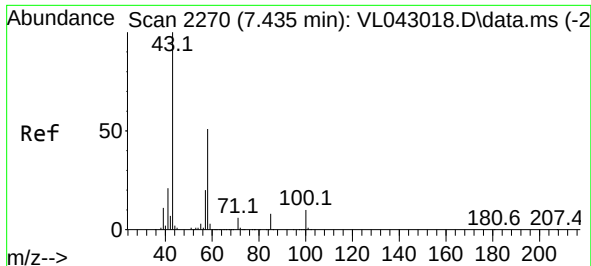
Tgt Ion:173 Resp: 1343
Ion Ratio Lower Upper
173 100
175 80.1 39.1 58.7#
171 89.2 41.4 62.0#



#50
4-Methyl-2-Pentanone
Concen: 0.005 ppbv
RT: 5.749 min Scan# 1749
Delta R.T. 0.003 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

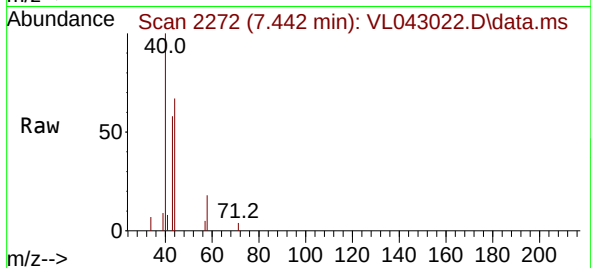
Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#



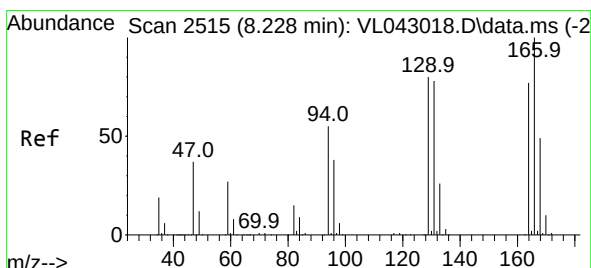
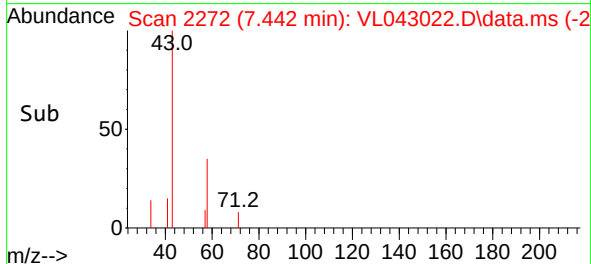
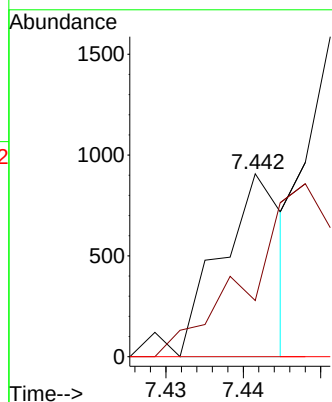


#51
2-Hexanone
Concen: 0.017 ppbv
RT: 7.442 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Instrument :
MSVOA_L
ClientSampleId :

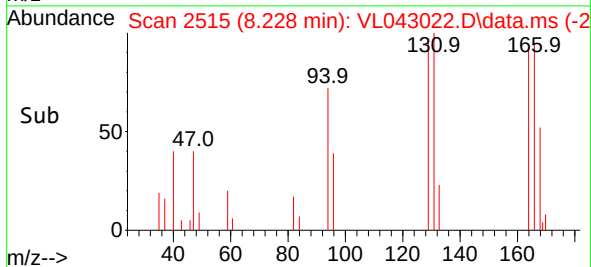
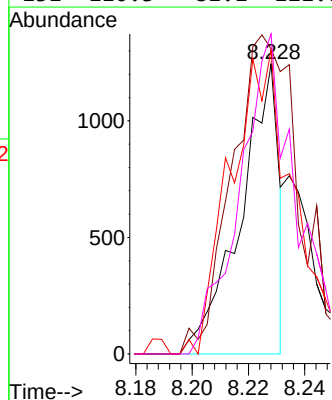
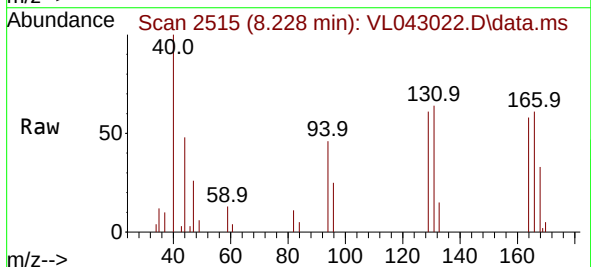


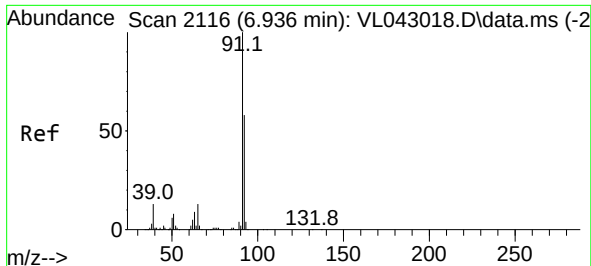
Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
58 0.0 39.7 59.5#
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.065 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion: 164 Resp: 1174
Ion Ratio Lower Upper
164 100
166 105.1 103.5 155.3
129 104.9 82.6 124.0
131 110.3 81.1 121.7

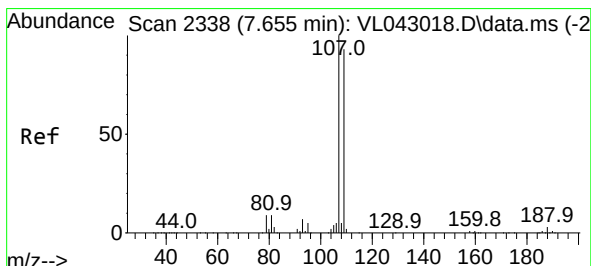
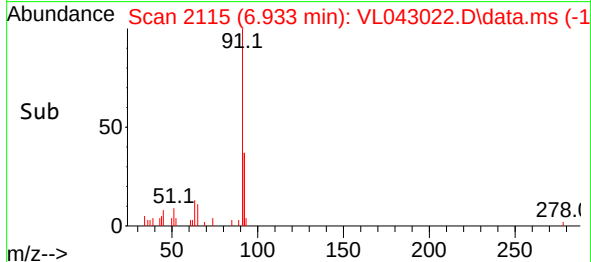
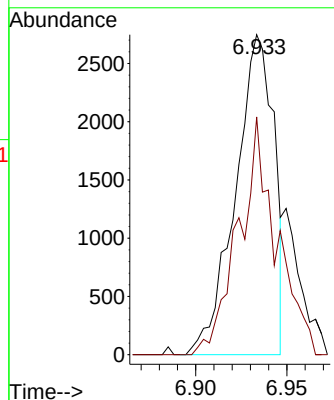
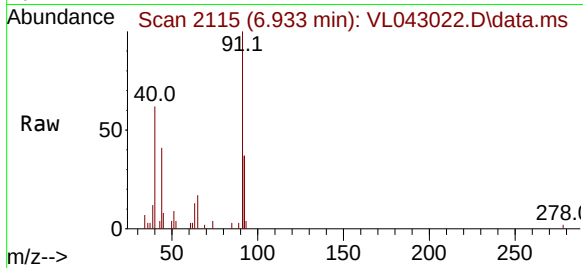




#53
Toluene
Concen: 0.081 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

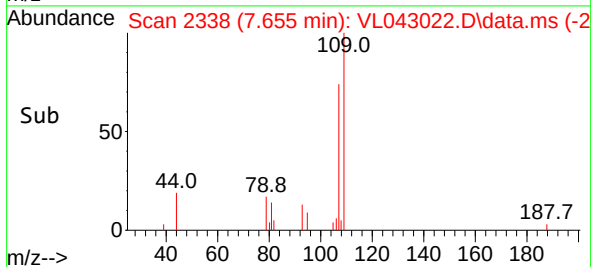
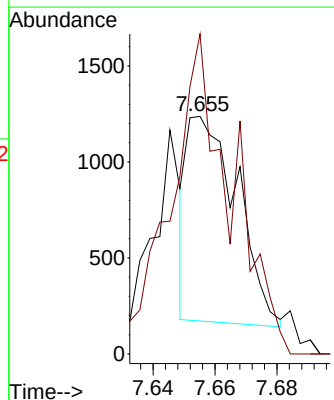
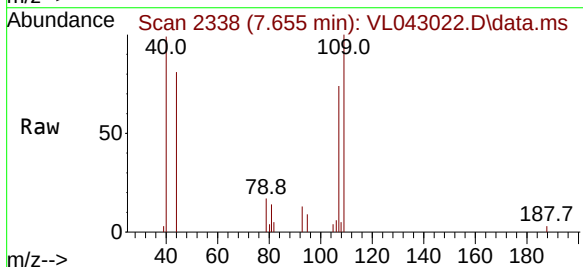
Instrument :
MSVOA_L
ClientSampleId :

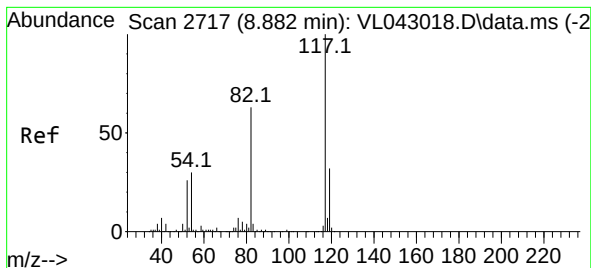
Tgt Ion: 91 Resp: 4060
Ion Ratio Lower Upper
91 100
92 72.5 47.7 71.5#



#54
1,2-Dibromoethane
Concen: 0.049 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion:107 Resp: 1197
Ion Ratio Lower Upper
107 100
109 146.5 74.6 111.8#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.882 min Scan# 2717

Delta R.T. 0.000 min

Lab File: VL043022.D

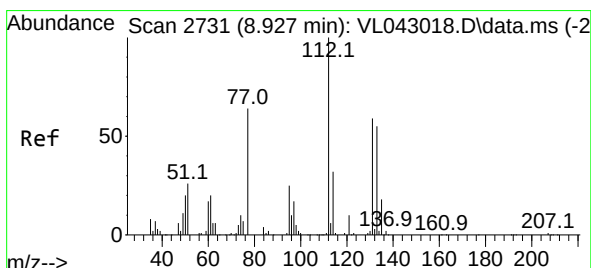
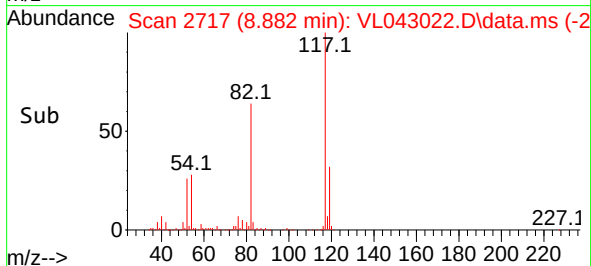
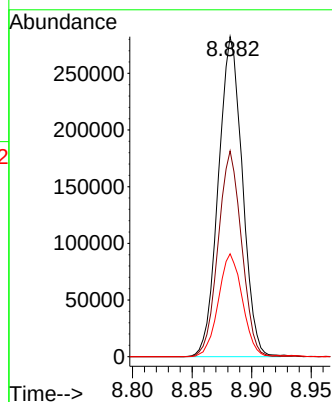
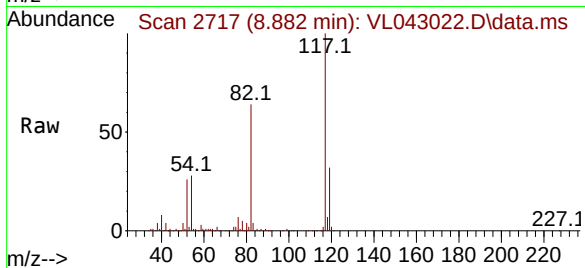
Acq: 30 Sep 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:117	Resp:	395236
Ion	Ratio	Lower Upper
117	100	
82	62.9	52.6 78.8
119	32.5	26.4 39.6



#56

1,1,1,2-Tetrachloroethane

Concen: 0.102 ppbv

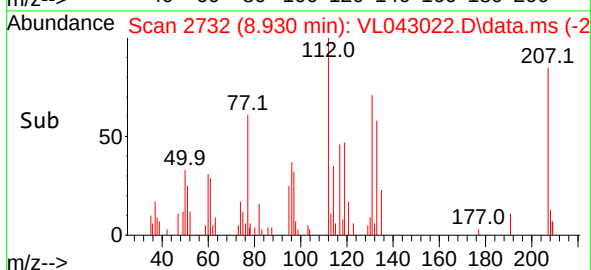
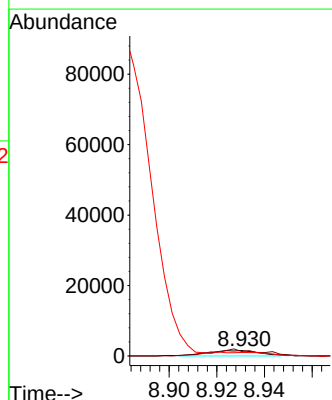
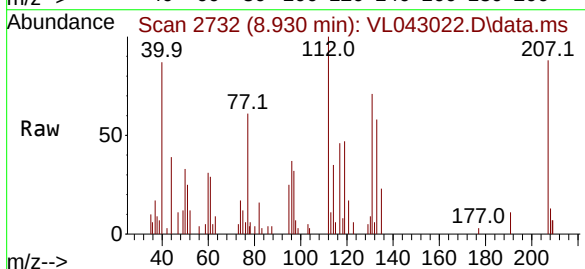
RT: 8.930 min Scan# 2732

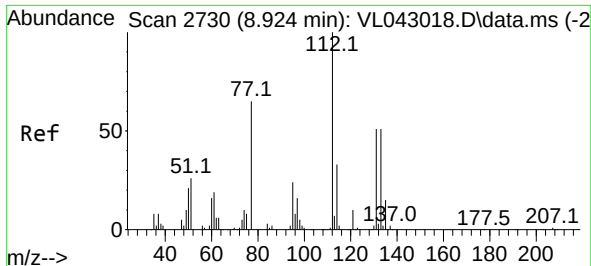
Delta R.T. 0.004 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

Tgt Ion:131	Resp:	2294
Ion	Ratio	Lower Upper
131	100	
133	123.4	76.6 114.8#
119	0.0	48.8 73.2#

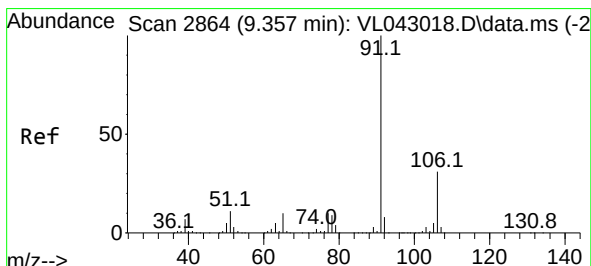
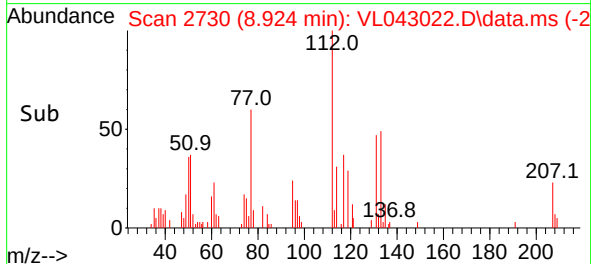
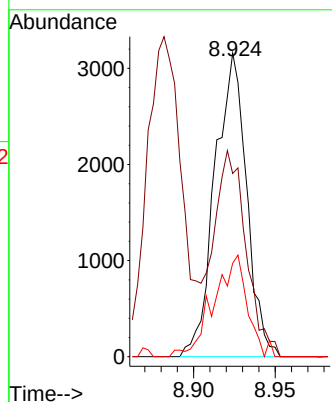
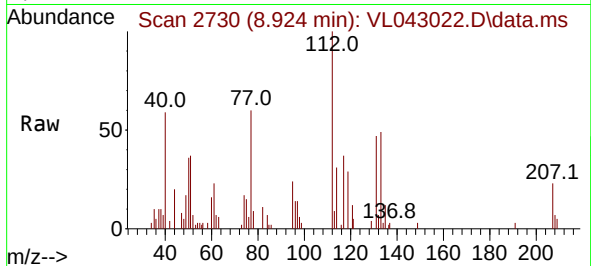




#57
Chlorobenzene
Concen: 0.105 ppbv
RT: 8.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

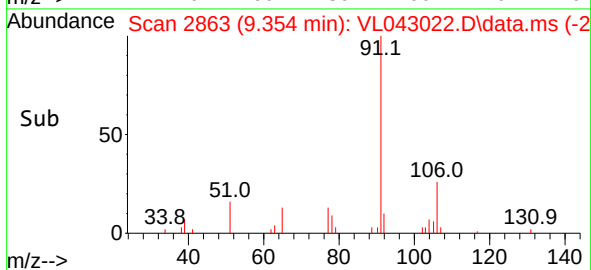
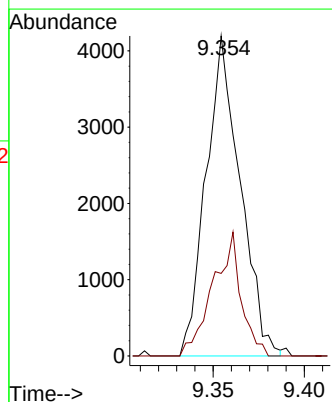
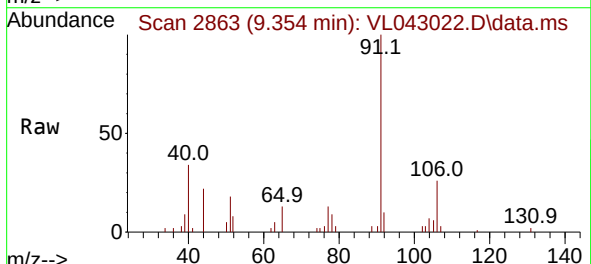
Instrument :
MSVOA_L
ClientSampleId :

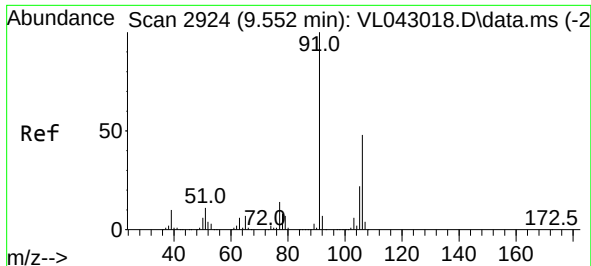
Tgt Ion:112 Resp: 4270
Ion Ratio Lower Upper
112 100
77 60.3 52.7 79.1
114 30.8 29.5 36.1



#58
Ethyl Benzene
Concen: 0.082 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.003 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion: 91 Resp: 5476
Ion Ratio Lower Upper
91 100
106 25.8 24.8 37.2





#59

m/p-Xylene

Concen: 0.065 ppbv

RT: 9.552 min Scan# 2924

Delta R.T. 0.000 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

Instrument :

MSVOA_L

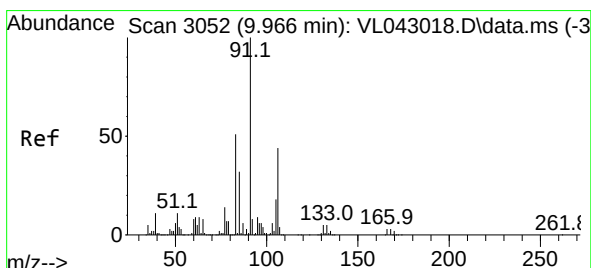
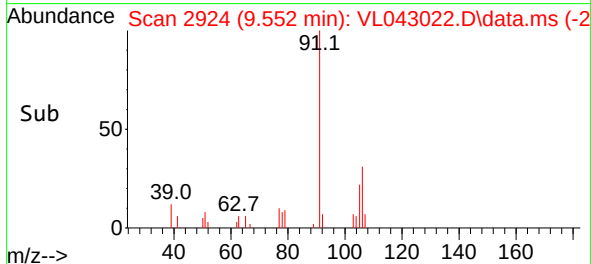
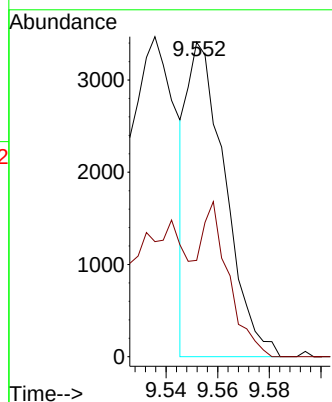
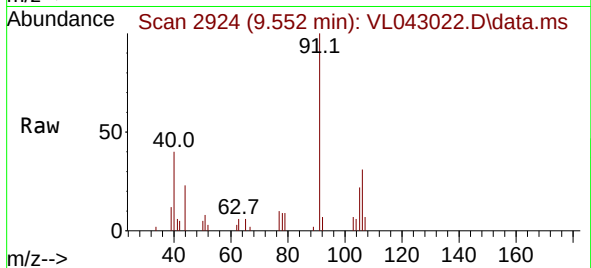
ClientSampleId :

Tgt Ion: 91 Resp: 3491

Ion Ratio Lower Upper

91 100

106 104.3 38.1 57.1#



#60

o-Xylene

Concen: 0.080 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. -0.003 min

Lab File: VL043022.D

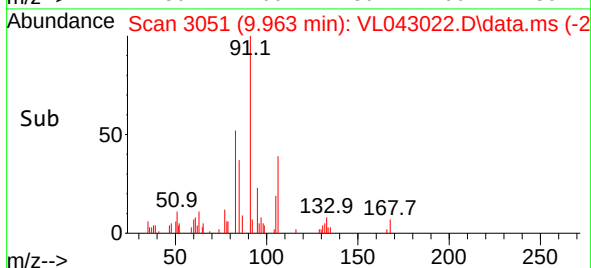
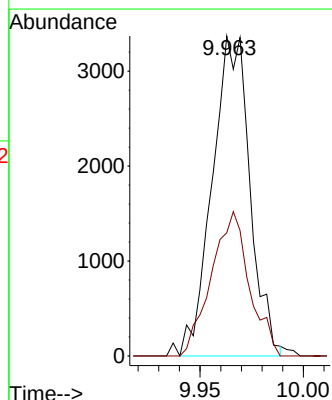
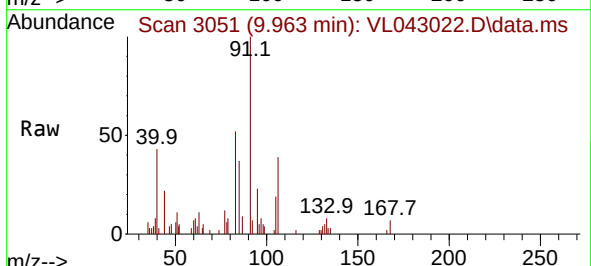
Acq: 30 Sep 2025 11:19

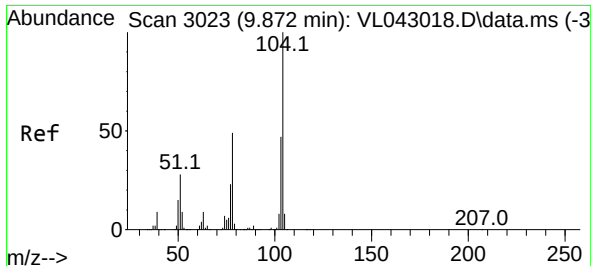
Tgt Ion: 91 Resp: 4262

Ion Ratio Lower Upper

91 100

106 45.8 22.2 66.6

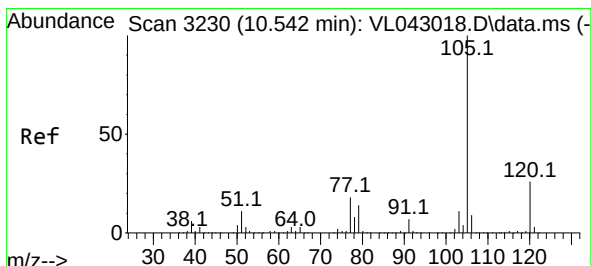
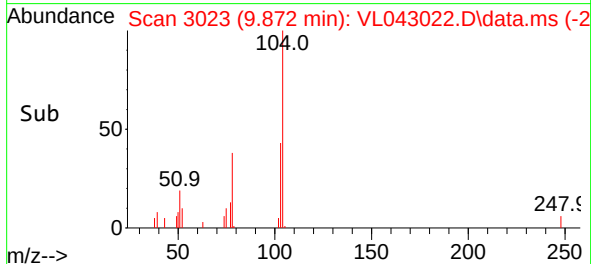
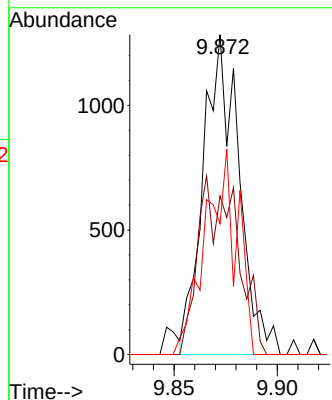
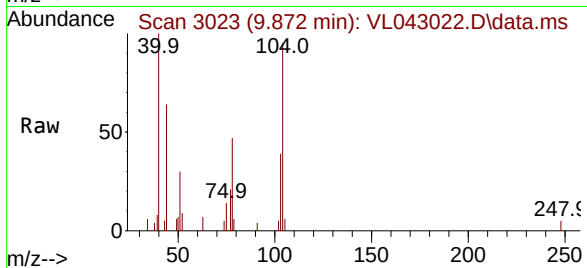




#61
Styrene
Concen: 0.068 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

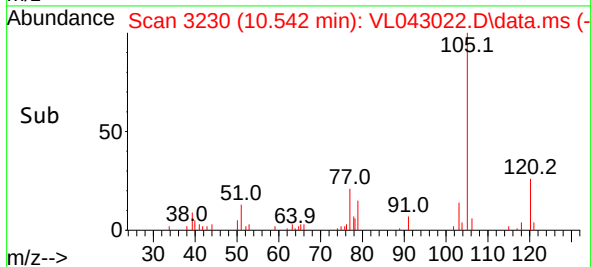
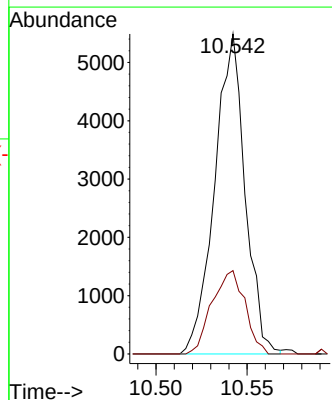
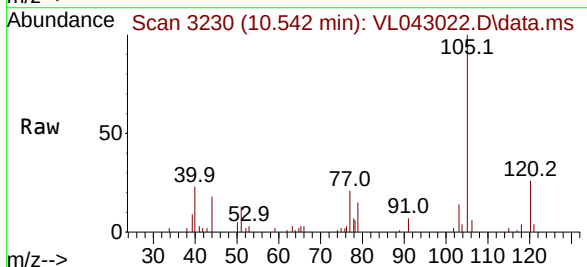
Instrument :
MSVOA_L
ClientSampleId :

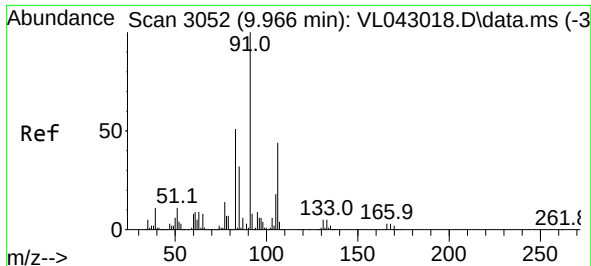
Tgt Ion:104 Resp: 1544
Ion Ratio Lower Upper
104 100
78 61.3 39.0 58.4#
103 57.4 37.4 56.2#



#62
Isopropylbenzene
Concen: 0.080 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion:105 Resp: 6378
Ion Ratio Lower Upper
105 100
120 28.1 20.7 31.1





#63

1,1,2,2-Tetrachloroethane

Concen: 0.094 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

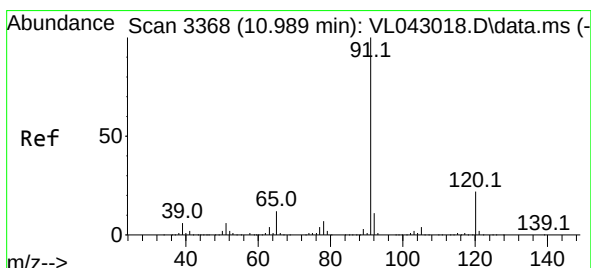
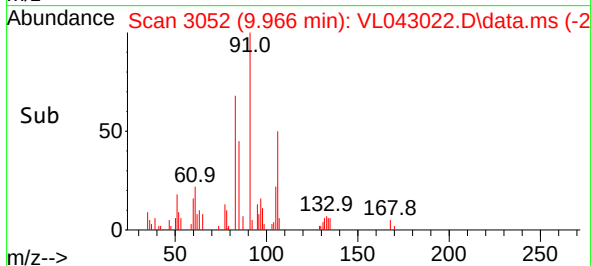
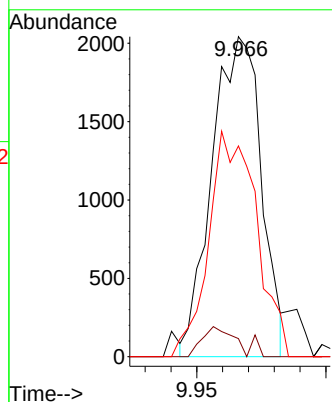
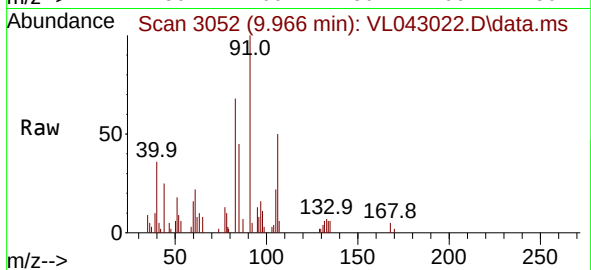
Tgt Ion: 83 Resp: 2713

Ion Ratio Lower Upper

83 100

131 6.9 5.0 14.9

85 68.0 32.2 96.6



#64

n-propylbenzene

Concen: 0.075 ppbv

RT: 10.989 min Scan# 3368

Delta R.T. 0.000 min

Lab File: VL043022.D

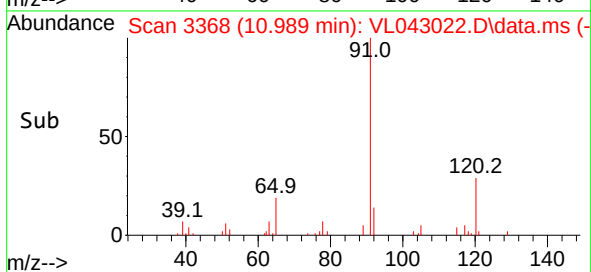
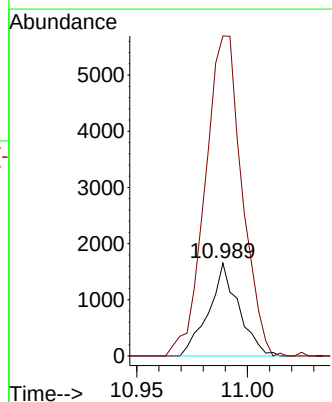
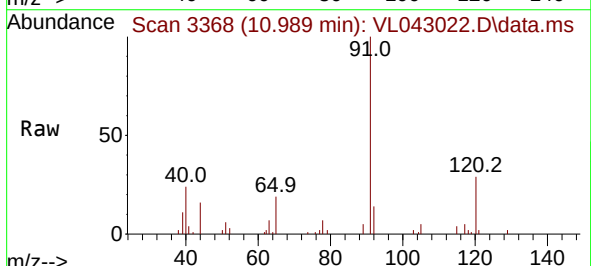
Acq: 30 Sep 2025 11:19

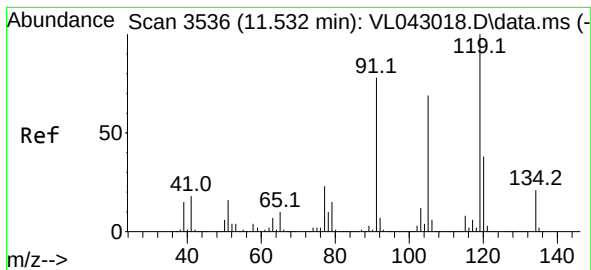
Tgt Ion: 120 Resp: 1555

Ion Ratio Lower Upper

120 100

91 425.6 365.6 548.4





#65

tert-Butylbenzene

Concen: 0.072 ppbv

RT: 11.533 min Scan# 3536

Delta R.T. 0.000 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

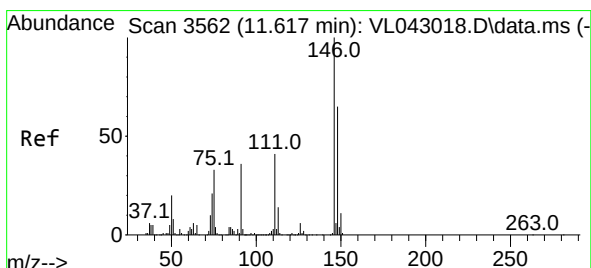
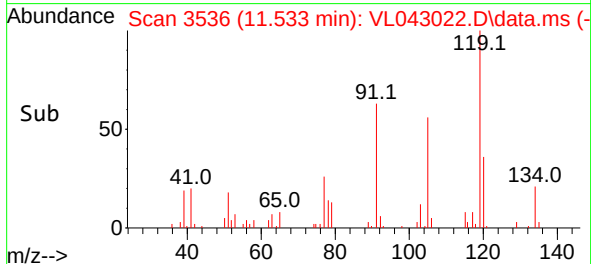
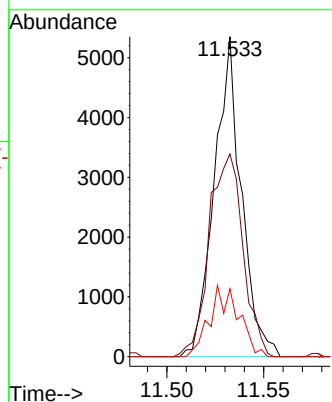
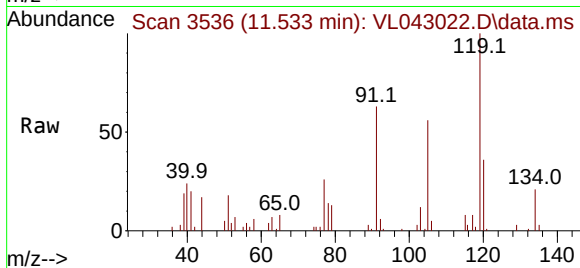
Tgt Ion:119 Resp: 5198

Ion Ratio Lower Upper

119 100

91 79.5 62.6 93.8

134 23.9 16.7 25.1



#66

Benzyl Chloride

Concen: 0.024 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. 0.000 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

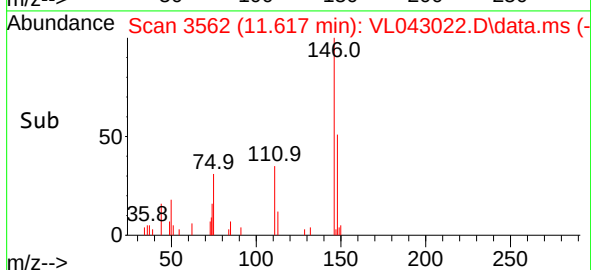
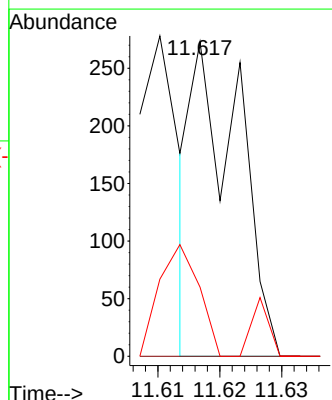
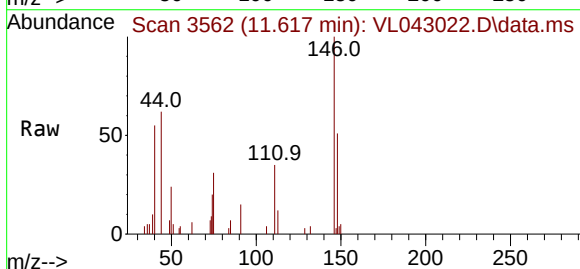
Tgt Ion: 91 Resp: 141

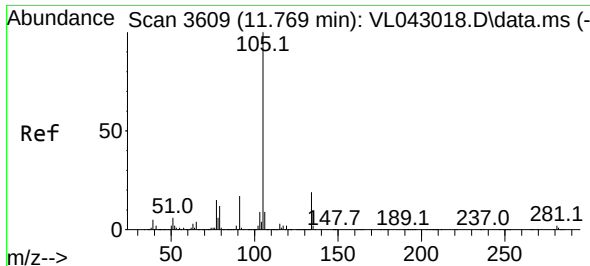
Ion Ratio Lower Upper

91 100

126 0.0 14.1 21.1#

128 0.0 4.9 7.3#

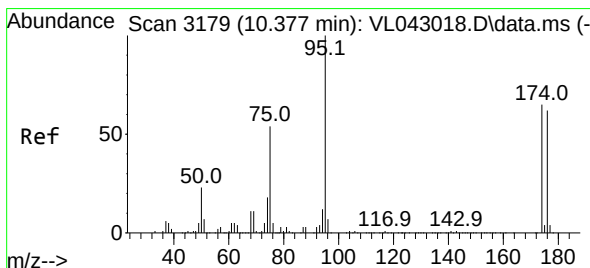
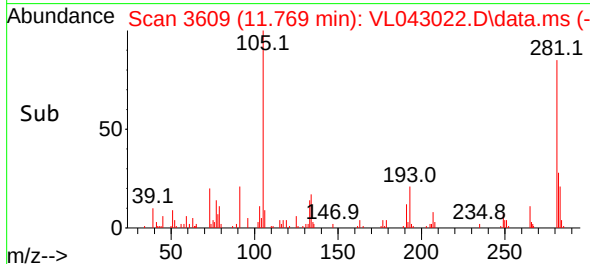
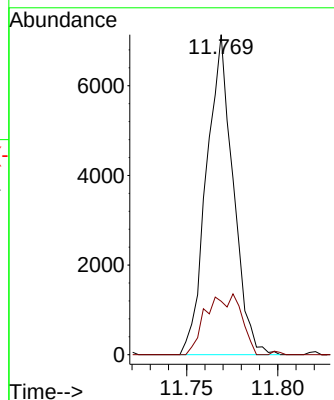
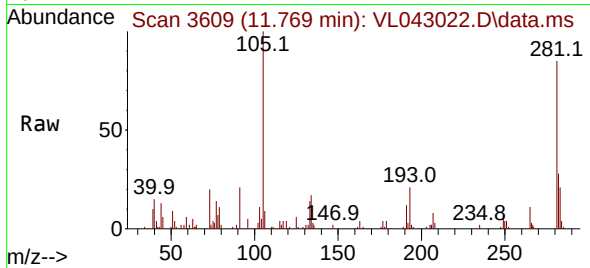




#67
 sec-Butylbenzene
 Concen: 0.072 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

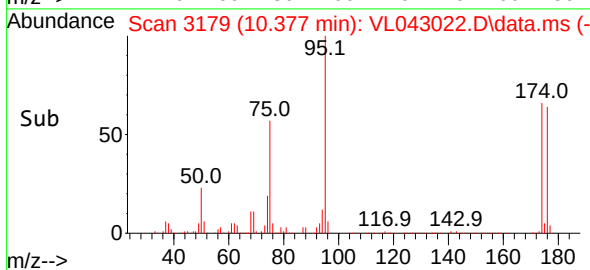
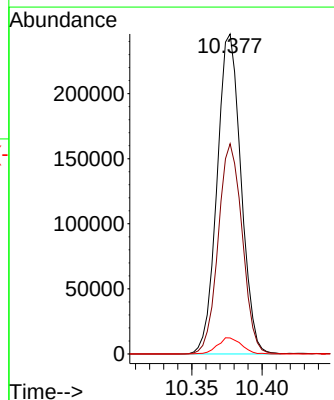
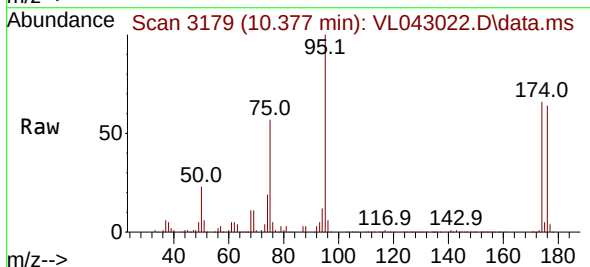
Instrument :
 MSVOA_L
 ClientSampleId :

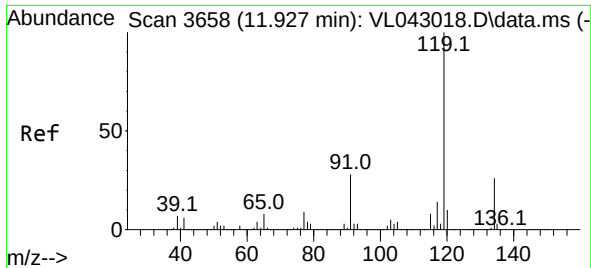
Tgt Ion:105 Resp: 7247
 Ion Ratio Lower Upper
 105 100
 134 25.6 15.4 23.2#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.727 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.000 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

Tgt Ion: 95 Resp: 291242
 Ion Ratio Lower Upper
 95 100
 174 66.1 53.4 80.2
 175 5.1 3.8 5.8

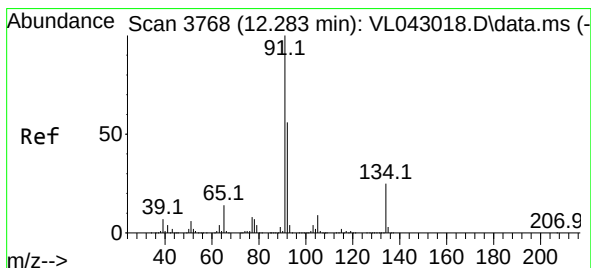
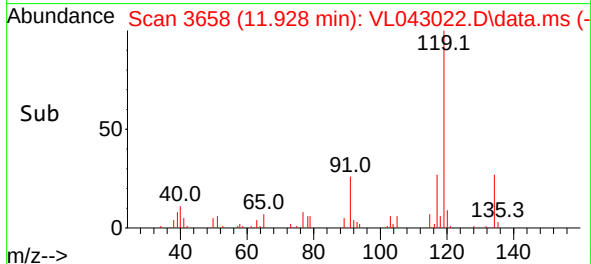
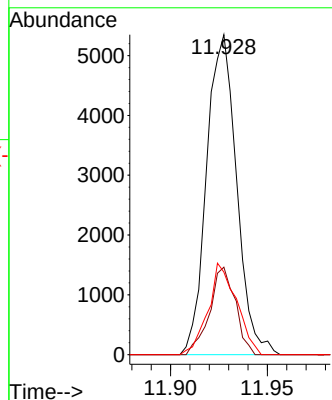
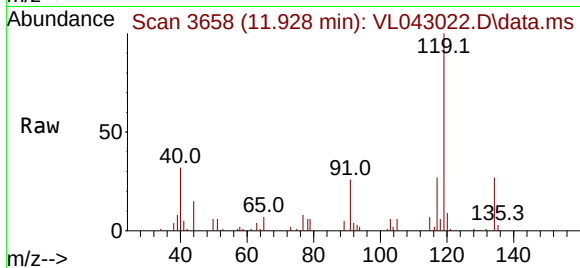




#69
p-Isopropyltoluene
Concen: 0.069 ppbv
RT: 11.928 min Scan# 3658
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

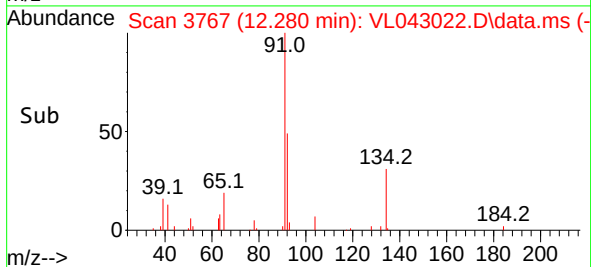
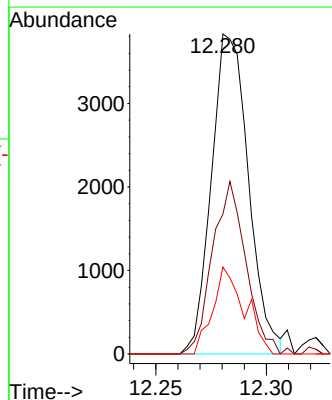
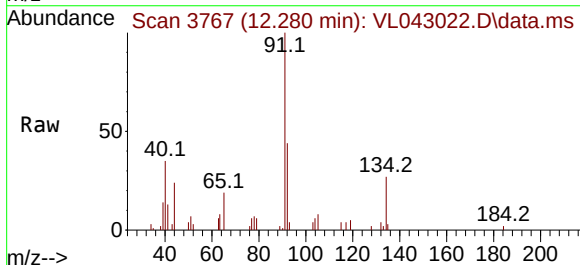
Instrument :
MSVOA_L
ClientSampleId :

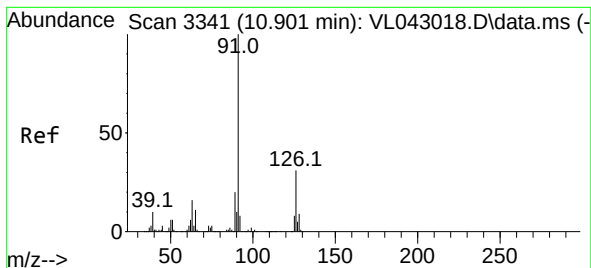
Tgt Ion:	119	Resp:	5765
Ion	Ratio	Lower	Upper
119	100		
134	23.4	20.3	30.5
91	27.0	22.1	33.1



#70
n-Butylbenzene
Concen: 0.055 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. -0.003 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion:	91	Resp:	4462
Ion	Ratio	Lower	Upper
91	100		
92	49.5	44.2	66.4
134	23.4	19.5	29.3

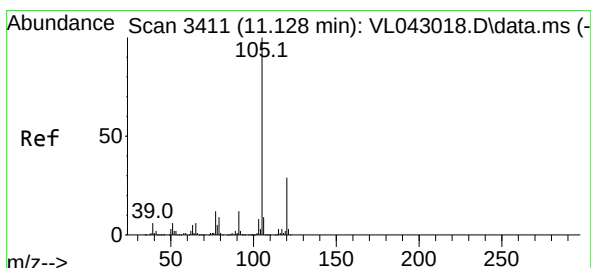
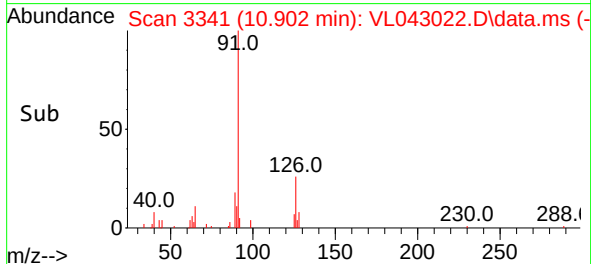
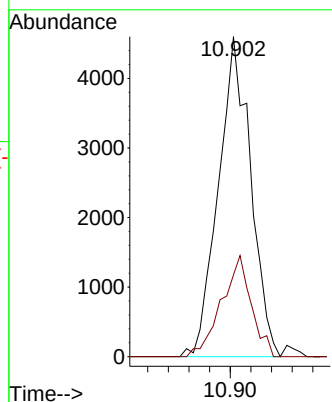
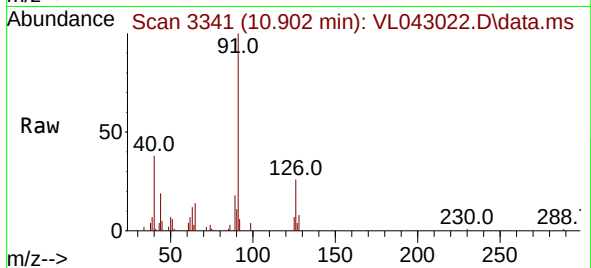




#71
2-Chlorotoluene
Concen: 0.084 ppbv
RT: 10.902 min Scan# 3341
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

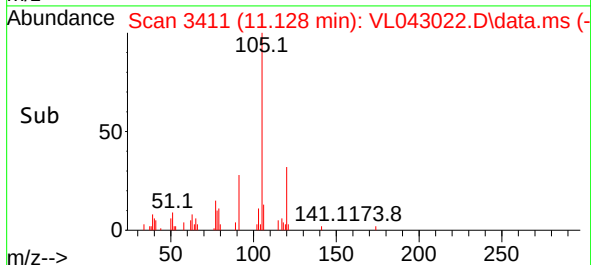
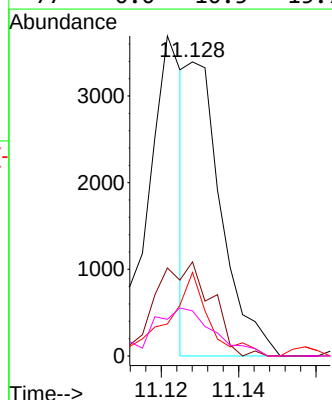
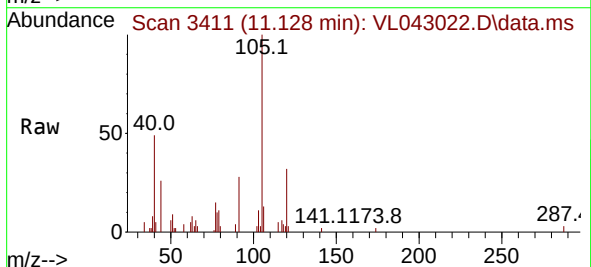
Instrument :
MSVOA_L
ClientSampleId :

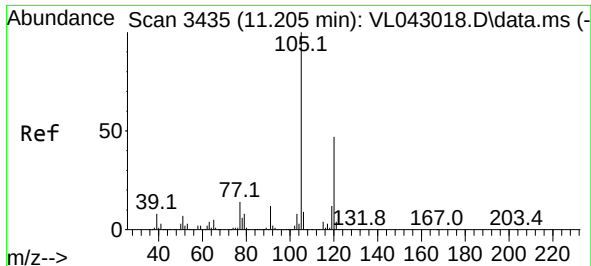
Tgt Ion: 91 Resp: 4987
Ion Ratio Lower Upper
91 100
126 29.1 12.3 49.3



#72
4-Ethyltoluene
Concen: 0.032 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Tgt Ion: 105 Resp: 2082
Ion Ratio Lower Upper
105 100
120 53.3 23.6 35.4#
91 37.7 10.0 15.0#
77 0.0 10.5 15.7#

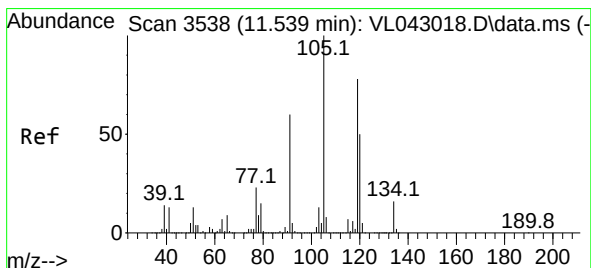
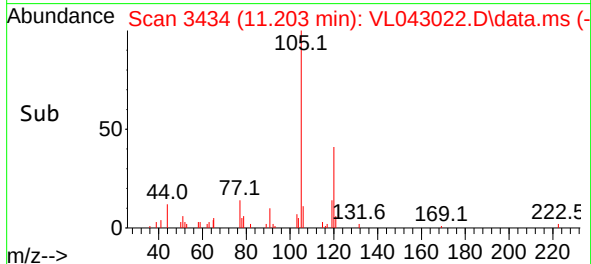
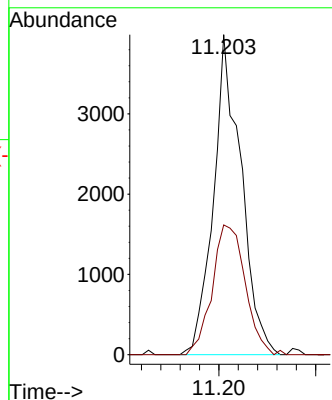
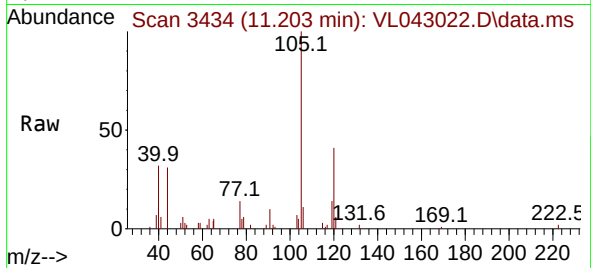




#73
 1,3,5-Trimethylbenzene
 Concen: 0.071 ppbv
 RT: 11.203 min Scan# 3435
 Delta R.T. -0.003 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

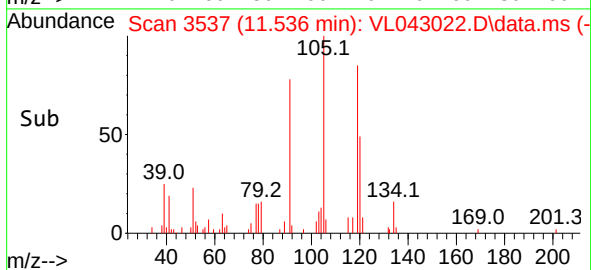
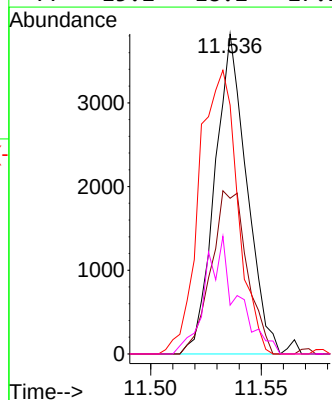
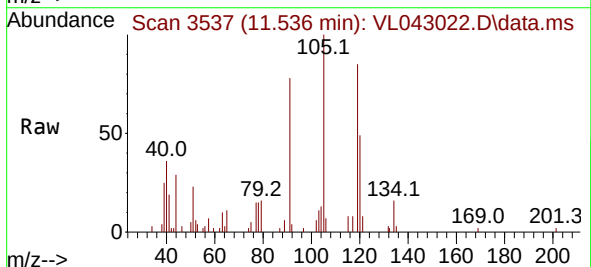
Instrument :
 MSVOA_L
 ClientSampleId :

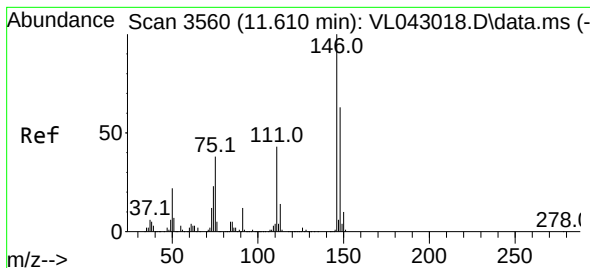
Tgt Ion:105 Resp: 3941
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.4 56.2



#74
 1,2,4-Trimethylbenzene
 Concen: 0.061 ppbv
 RT: 11.536 min Scan# 3537
 Delta R.T. -0.003 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

Tgt Ion:105 Resp: 3836
 Ion Ratio Lower Upper
 105 100
 120 48.6 40.3 60.5
 91 77.7 47.7 71.5#
 77 15.2 18.2 27.2#





#75

1,3-Dichlorobenzene

Concen: 0.082 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. 0.000 min

Lab File: VL043022.D

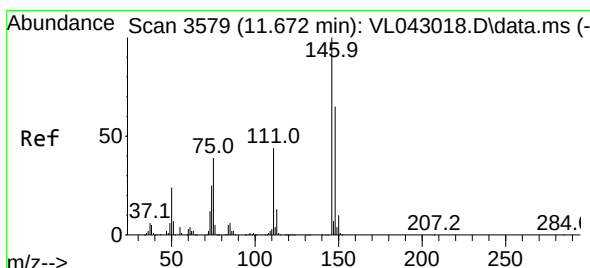
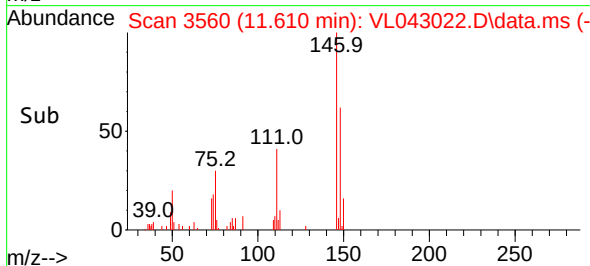
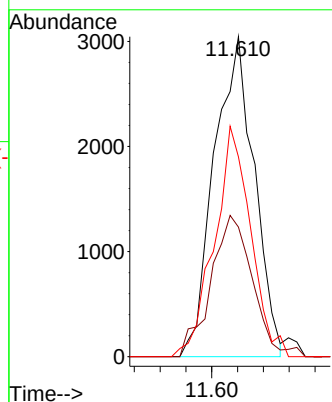
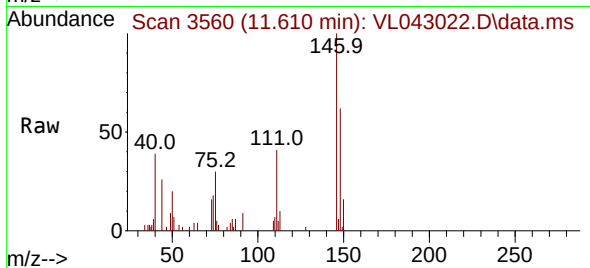
Acq: 30 Sep 2025 11:19

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	146	Resp:	3285
Ion Ratio	Lower	Upper	
146	100		
111	45.8	22.0	66.0
148	65.3	31.9	95.7



#76

1,4-Dichlorobenzene

Concen: 0.076 ppbv

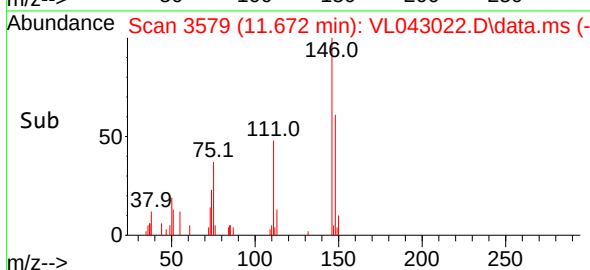
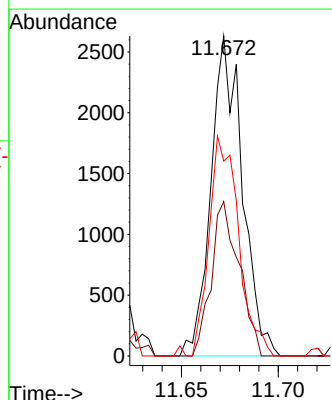
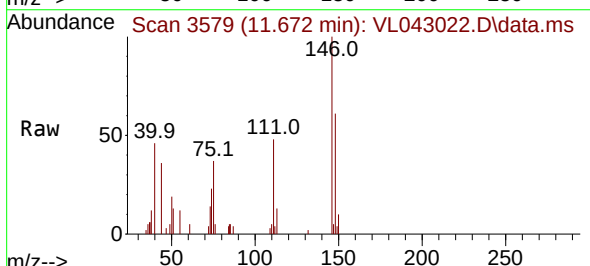
RT: 11.672 min Scan# 3579

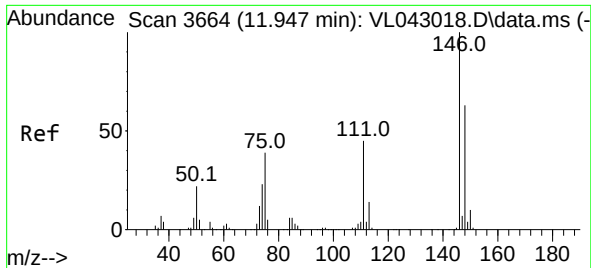
Delta R.T. 0.000 min

Lab File: VL043022.D

Acq: 30 Sep 2025 11:19

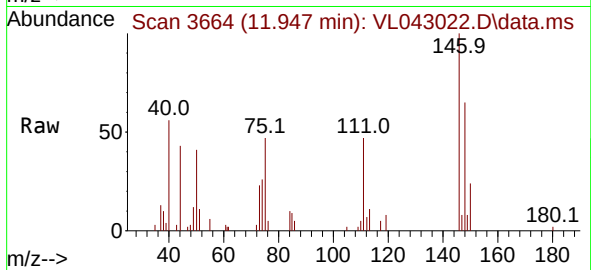
Tgt Ion:	146	Resp:	2964
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.9	65.5
148	65.1	32.4	97.2



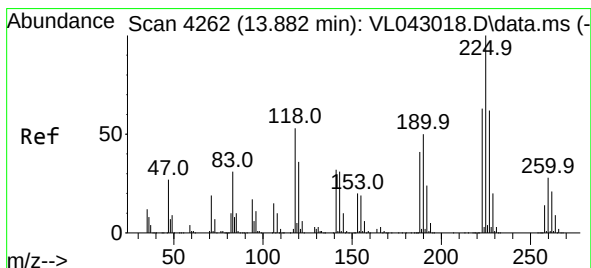
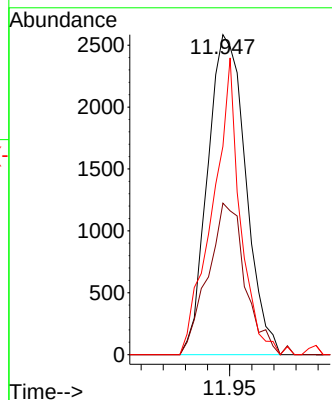
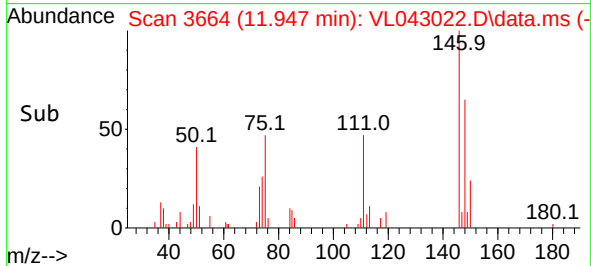


#77
1,2-Dichlorobenzene
Concen: 0.079 ppbv
RT: 11.947 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Instrument :
MSVOA_L
ClientSampleId :

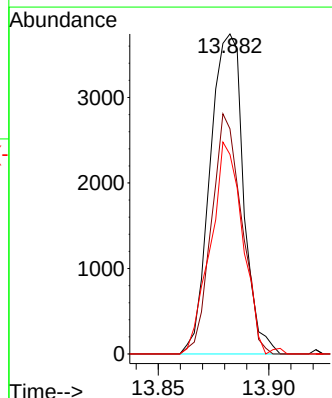
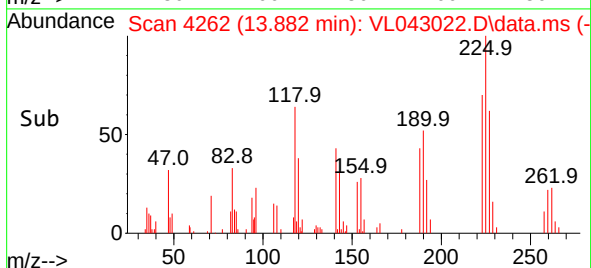
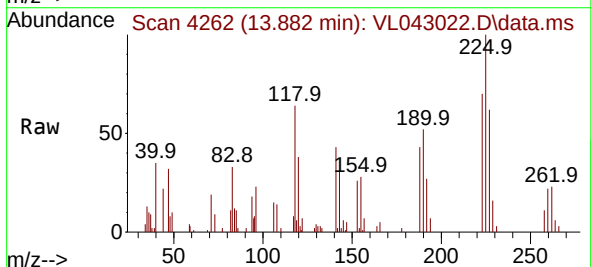


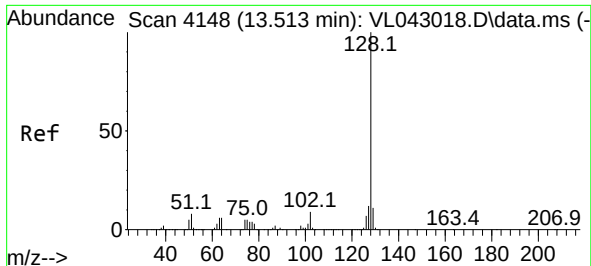
Tgt Ion:146 Resp: 3087
Ion Ratio Lower Upper
146 100
111 46.7 22.9 68.5
148 68.0 31.8 95.4



#78
Hexachloro-1,3-Butadiene
Concen: 0.125 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. 0.000 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

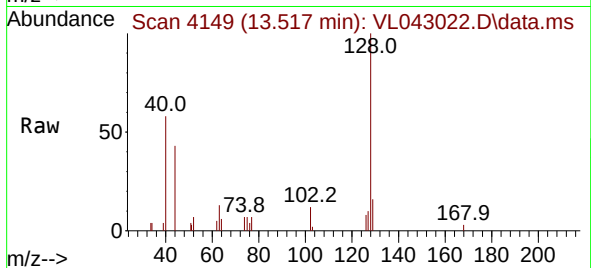
Tgt Ion:225 Resp: 3926
Ion Ratio Lower Upper
225 100
223 68.3 50.9 76.3
227 64.2 50.3 75.5



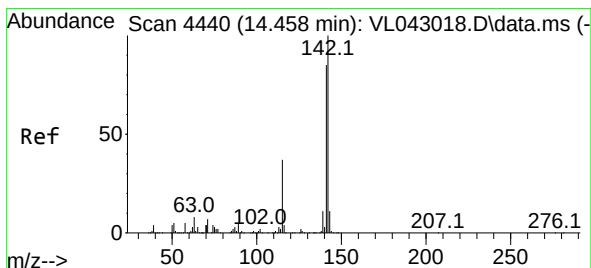
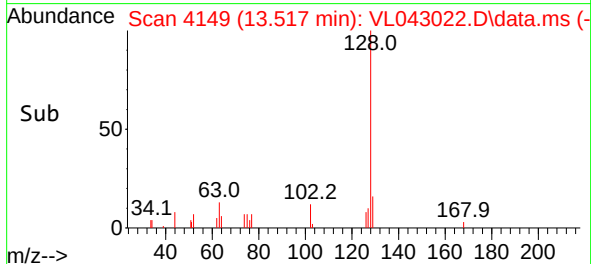
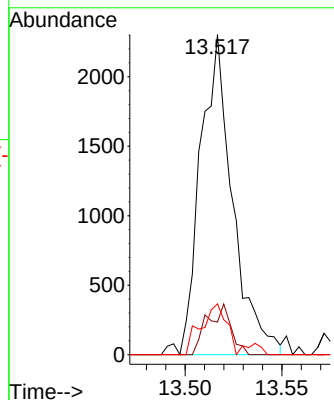


#79
Naphthalene
Concen: 0.054 ppbv
RT: 13.517 min Scan# 4148
Delta R.T. 0.004 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

Instrument :
MSVOA_L
ClientSampleId :

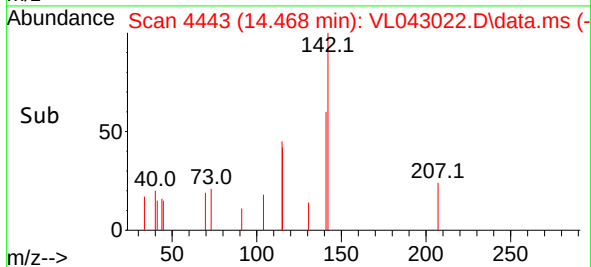
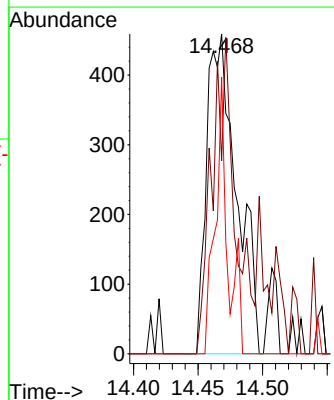
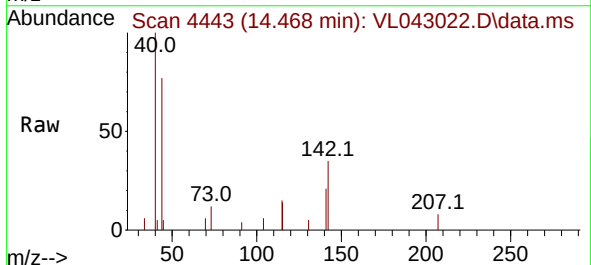


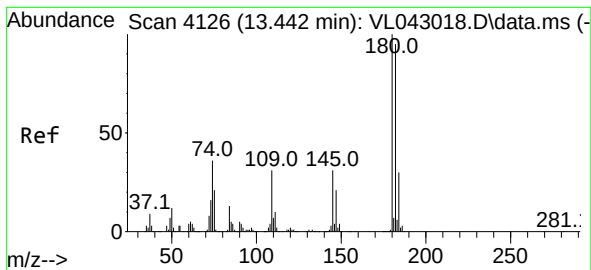
Tgt Ion:128 Resp: 2651
Ion Ratio Lower Upper
128 100
127 10.2 9.9 14.9
129 15.9 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.062 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. 0.010 min
Lab File: VL043022.D
Acq: 30 Sep 2025 11:19

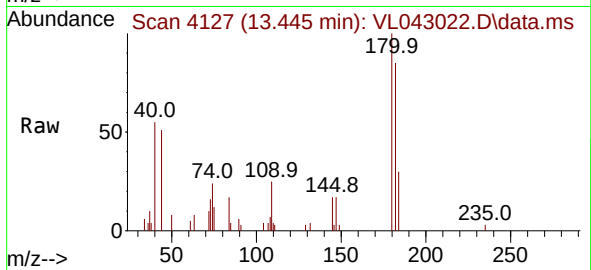
Tgt Ion:142 Resp: 796
Ion Ratio Lower Upper
142 100
141 70.5 67.0 100.4
115 33.5 29.8 44.6





#81
 1,2,4-Trichlorobenzene
 Concen: 0.050 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. 0.004 min
 Lab File: VL043022.D
 Acq: 30 Sep 2025 11:19

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	180	Resp:	1505
Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.8
184	35.8	24.2	36.4

