

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
 Data File : VL042726.D
 Acq On : 22 Jul 2025 10:38
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Quant Time: Jul 23 01:31:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jul 23 01:27:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	102092	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	307224	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	274930	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	223485	10.058	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	7850	0.493	ppbv	94
3) Chlorodifluoromethane	1.476	51	9466	0.525	ppbv	95
4) Chloromethane	1.531	50	3533	0.541	ppbv #	87
5) Vinyl Chloride	1.580	62	2904	0.450	ppbv	98
6) Bromomethane	1.667	94	1449	0.555	ppbv	90
7) Chloroethane	1.706	64	1367	0.558	ppbv #	86
8) Dichlorotetrafluoroethane	1.554	85	7062	0.525	ppbv	99
9) Propene	1.482	41	3284	0.512	ppbv #	78
10) Heptane	4.968	43	3719	0.208	ppbv #	1
11) Trichlorofluoromethane	1.877	101	8580	0.523	ppbv	89
12) 1,1,2-Trichlorotrifluo...	2.140	101	7094	0.553	ppbv	98
13) Ethanol	1.719	45	738	0.715	ppbv #	43
14) Bromoethene	1.780	108	2451	0.536	ppbv #	93
15) Acetone	1.835	43	10023	0.586	ppbv	92
16) 1,3-Butadiene	1.609	39	3860	0.527	ppbv	88
17) tert-Butyl alcohol	2.039	59	9192	0.566	ppbv #	86
18) 1,1-Dichloroethene	2.033	96	2921	0.535	ppbv	88
19) Isopropyl Alcohol	1.884	45	5028	0.555	ppbv #	44
20) Methylene Chloride	2.062	84	3449	0.642	ppbv #	88
21) Allyl Chloride	2.094	41	6018	0.549	ppbv	86
22) trans-1,2-Dichloroethene	2.719	96	4502	0.717	ppbv	90
23) Vinyl Acetate	2.460	43	10439	0.536	ppbv #	92
24) 1,1-Dichloroethane	2.408	63	6804	0.543	ppbv	96
25) Ethyl Acetate	2.835	43	15850	0.502	ppbv	96
26) Hexane	2.822	57	6804	0.492	ppbv	86
27) Carbon Disulfide	2.149	76	7702	0.521	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	4207	0.523	ppbv #	89
29) Chloroform	2.845	83	12038	0.527	ppbv #	81
30) Cyclohexane	3.848	84	3021	0.250	ppbv #	1
31) cis-1,2-Dichloroethene	2.719	61	7924	0.532	ppbv	94
32) 1,1,1-Trichloroethane	3.366	97	12154	0.505	ppbv	97
34) 2-Butanone	2.557	43	11532	0.545	ppbv	99
35) Carbon Tetrachloride	3.761	117	11388	0.452	ppbv	89
36) Benzene	3.651	78	14937	0.523	ppbv	97
37) 1,2-Dichloroethane	3.214	62	9142	0.502	ppbv #	93
38) Trichloroethene	4.541	130	4206	0.303	ppbv	85
39) 1,2-Dichloropropane	4.311	63	4851	0.456	ppbv #	80
40) 1,4-Dioxane	4.599	88	1806	0.369	ppbv #	1
41) Tetrahydrofuran	3.055	42	2286	0.211	ppbv #	24
42) Bromodichloromethane	4.480	83	5260	0.221	ppbv #	74
43) Methyl Methacrylate	4.881	69	2948	0.269	ppbv #	1
44) 2,2,4-Trimethylpentane	4.635	57	23243	0.494	ppbv	93
45) t-1,3-Dichloropropene	6.428	75	1032	0.077	ppbv	93

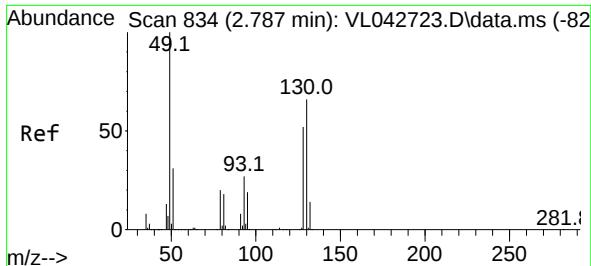
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
 Data File : VL042726.D
 Acq On : 22 Jul 2025 10:38
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Instrument :
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 ClientSampleId :
 VSTDIC0.5

Quant Time: Jul 23 01:31:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jul 23 01:27:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.596	75	7179	0.449	ppbv #	77
47) 1,1,2-Trichloroethane	6.574	97	1574	0.135	ppbv #	58
48) Dibromochloromethane	7.386	129	9290	0.480	ppbv	98
49) Bromoform	9.480	173	7586	0.452	ppbv	95
50) 4-Methyl-2-Pentanone	5.752	43	4289	0.154	ppbv #	40
51) 2-Hexanone	7.441	43	5413	0.243	ppbv #	30
52) Tetrachloroethene	8.221	164	4333	0.377	ppbv #	84
53) Toluene	6.930	91	15909	0.494	ppbv	96
54) 1,2-Dibromoethane	7.648	107	5463	0.314	ppbv	88
56) 1,1,1,2-Tetrachloroethane	8.930	131	2625	0.177	ppbv #	9
57) Chlorobenzene	8.924	112	5277	0.201	ppbv	92
58) Ethyl Benzene	9.354	91	22417	0.488	ppbv	97
59) m/p-Xylene	9.529	91	18330	0.498	ppbv #	32
60) o-Xylene	9.959	91	18428	0.497	ppbv	97
61) Styrene	9.869	104	7386	0.462	ppbv	91
62) Isopropylbenzene	10.539	105	27939	0.507	ppbv	96
63) 1,1,2,2-Tetrachloroethane	9.959	83	11062	0.522	ppbv	99
64) n-propylbenzene	10.989	120	6928	0.498	ppbv	97
65) tert-Butylbenzene	11.529	119	24755	0.502	ppbv	98
66) Benzyl Chloride	11.616	91	1356	0.289	ppbv #	80
67) sec-Butylbenzene	11.765	105	33880	0.500	ppbv	100
69) p-Isopropyltoluene	11.924	119	26183	0.461	ppbv	96
70) n-Butylbenzene	12.280	91	23607	0.435	ppbv	96
71) 2-Chlorotoluene	10.901	91	20494	0.490	ppbv	93
72) 4-Ethyltoluene	11.124	105	20910	0.473	ppbv	97
73) 1,3,5-Trimethylbenzene	11.202	105	16638	0.455	ppbv	95
74) 1,2,4-Trimethylbenzene	11.532	105	19202	0.478	ppbv #	93
75) 1,3-Dichlorobenzene	11.603	146	13841	0.516	ppbv	98
76) 1,4-Dichlorobenzene	11.668	146	12275	0.473	ppbv	91
77) 1,2-Dichlorobenzene	11.947	146	13083	0.508	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	13316	0.532	ppbv	95
79) Naphthalene	13.513	128	9818	0.328	ppbv	99
80) Naphthalene,2-methyl-	14.465	142	693	0.070	ppbv #	38
81) 1,2,4-Trichlorobenzene	13.435	180	5425	0.296	ppbv	89

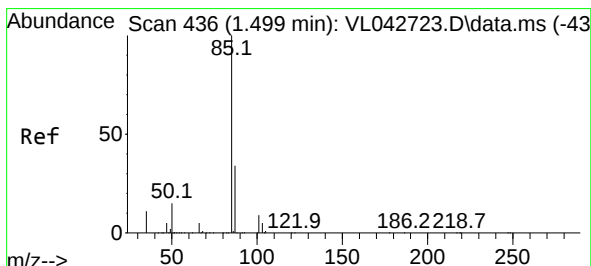
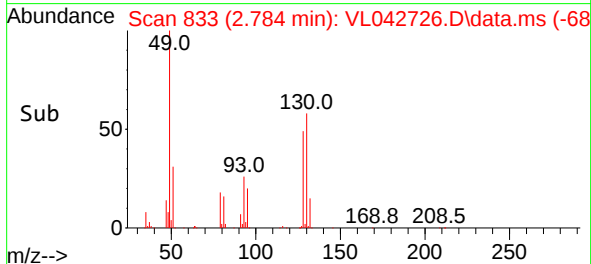
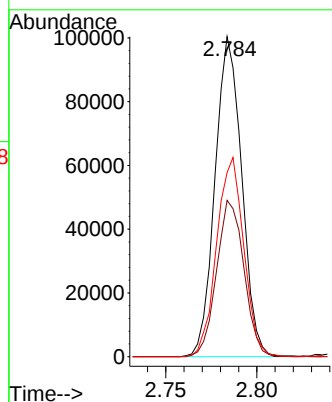
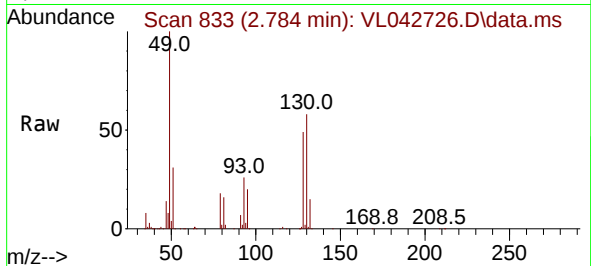
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

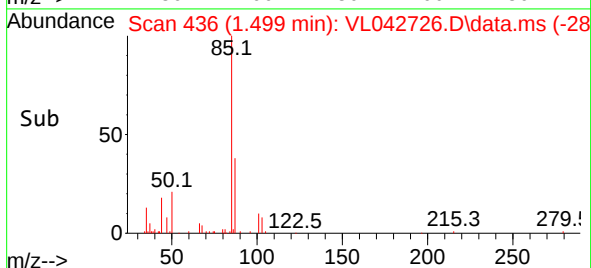
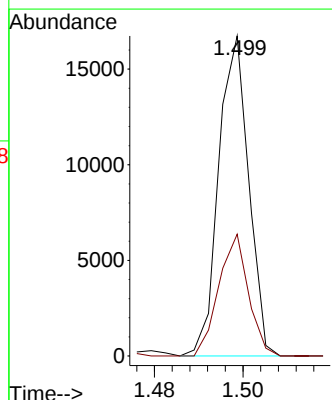
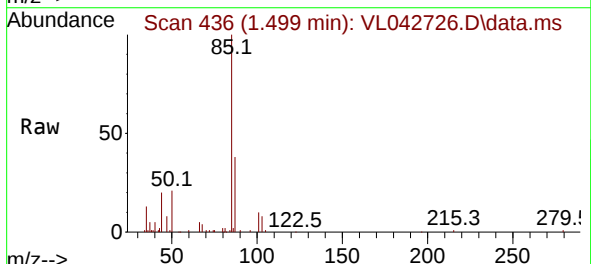
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MSVOA_L
ClientSampleId :
VSTDIC0.5

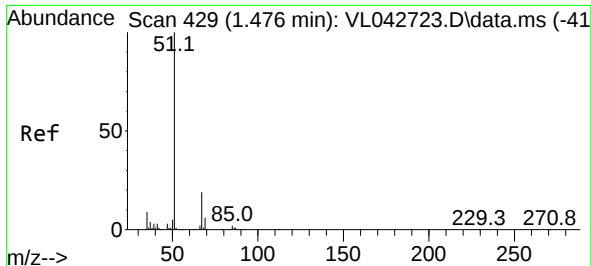
Tgt Ion: 49 Resp: 102092
Ion Ratio Lower Upper
49 100
128 50.0 24.5 73.5
130 63.4 31.7 95.1



#2
Dichlorodifluoromethane
Concen: 0.493 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 85 Resp: 7850
Ion Ratio Lower Upper
85 100
87 38.0 27.5 41.3

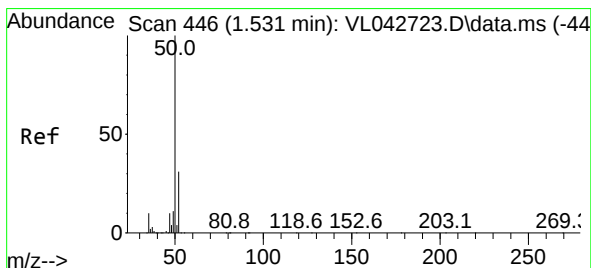
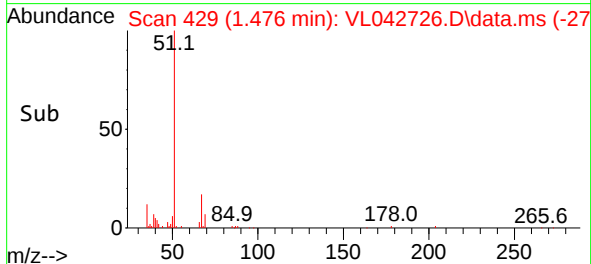
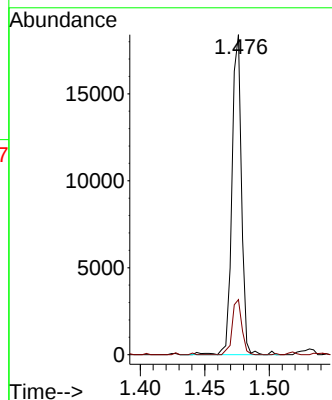
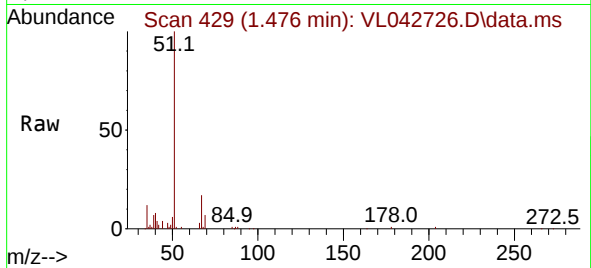




#3
Chlorodifluoromethane
Concen: 0.525 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

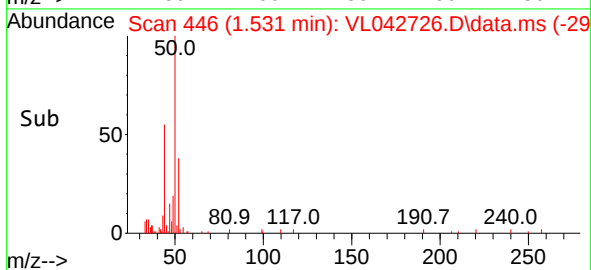
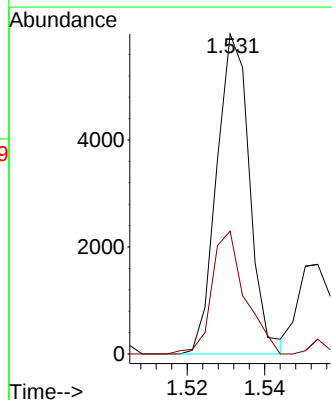
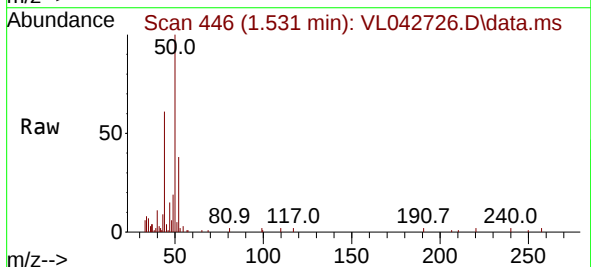
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MSVOA_L
ClientSampleId :
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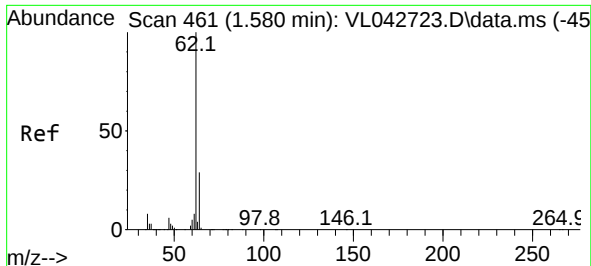
Tgt Ion: 51 Resp: 9466
Ion Ratio Lower Upper
51 100
67 17.7 16.0 24.0



#4
Chloromethane
Concen: 0.541 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 50 Resp: 3533
Ion Ratio Lower Upper
50 100
52 38.4 24.9 37.3#

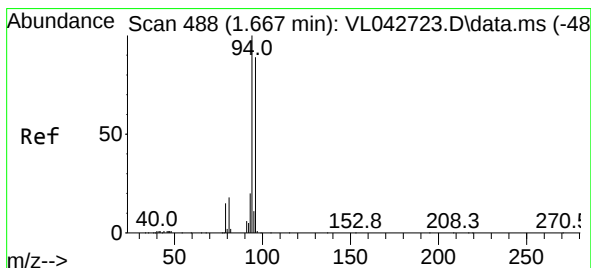
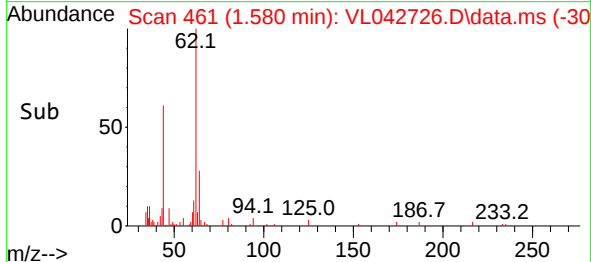
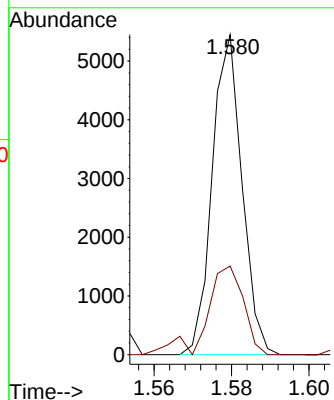
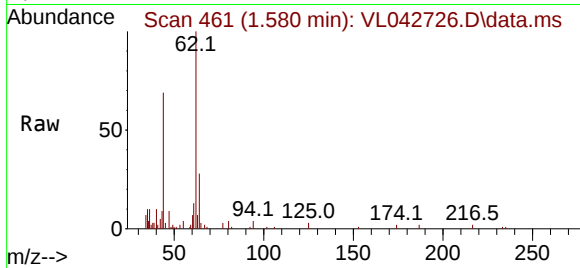




#5
 Vinyl Chloride
 Concen: 0.450 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

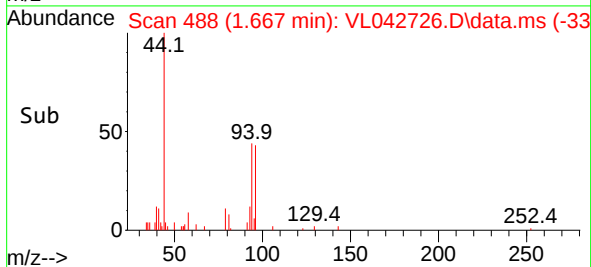
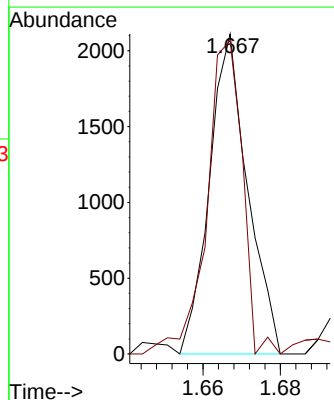
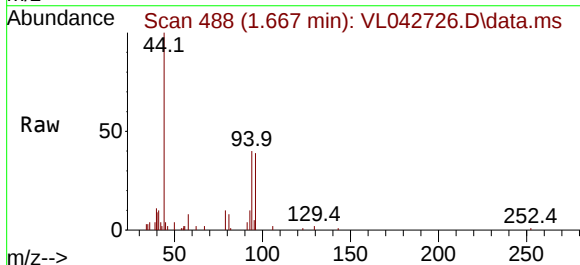
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

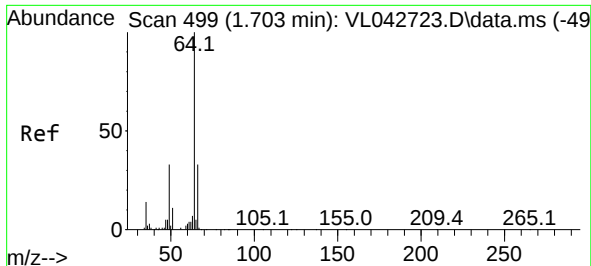
Tgt Ion: 62 Resp: 2904
 Ion Ratio Lower Upper
 62 100
 64 27.7 23.0 34.6



#6
 Bromomethane
 Concen: 0.555 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

Tgt Ion: 94 Resp: 1449
 Ion Ratio Lower Upper
 94 100
 96 98.0 71.1 106.7

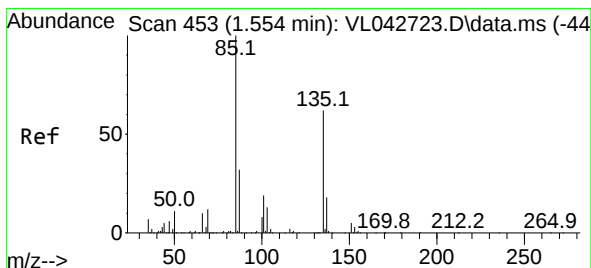
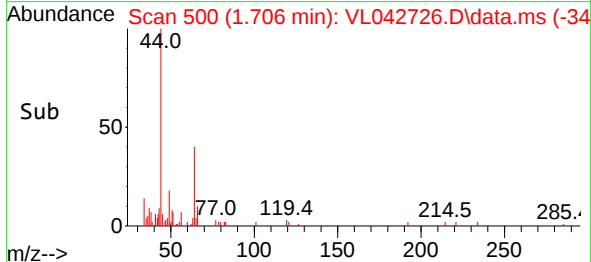
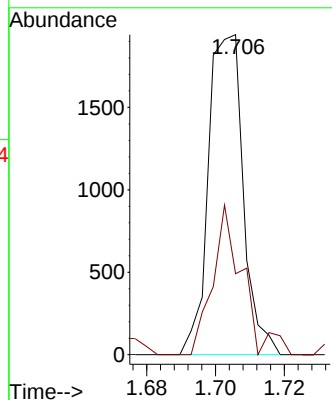
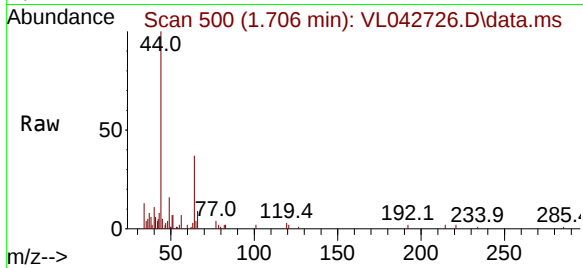




#7
Chloroethane
Concen: 0.558 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

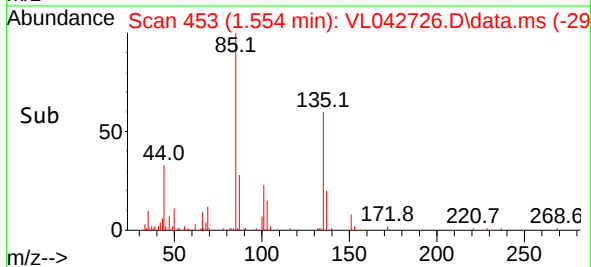
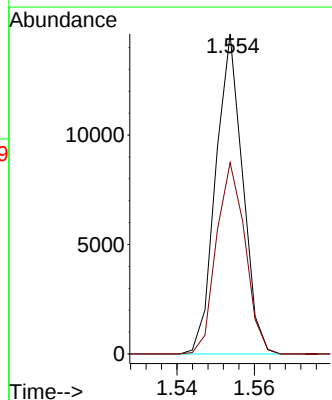
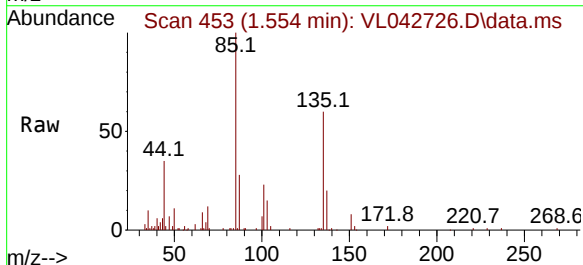
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

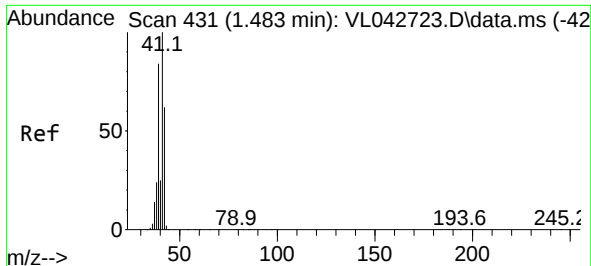
Tgt Ion: 64 Resp: 1367
Ion Ratio Lower Upper
64 100
66 25.3 26.4 39.6#



#8
Dichlorotetrafluoroethane
Concen: 0.525 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 85 Resp: 7062
Ion Ratio Lower Upper
85 100
135 63.9 52.0 78.0





#9

Propene

Concen: 0.512 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

Instrument :

MSVOA_L

ClientSampleId :

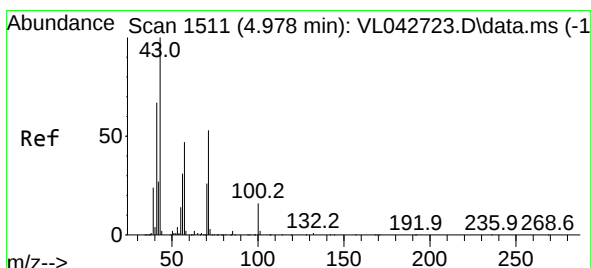
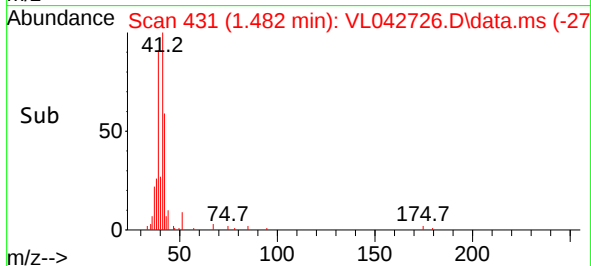
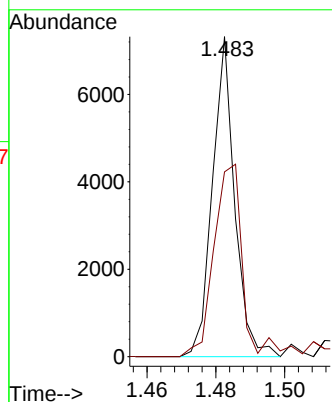
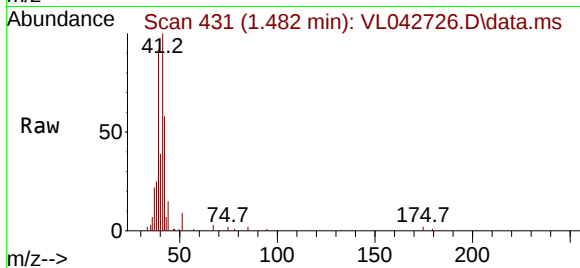
VSTDIC0.5

Tgt Ion: 41 Resp: 3284

Ion Ratio Lower Upper

41 100

42 82.3 52.0 78.0#



#10

Heptane

Concen: 0.208 ppbv

RT: 4.968 min Scan# 1508

Delta R.T. -0.010 min

Lab File: VL042726.D

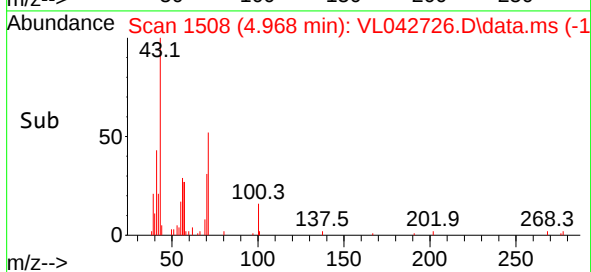
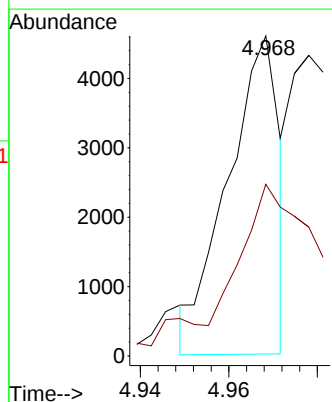
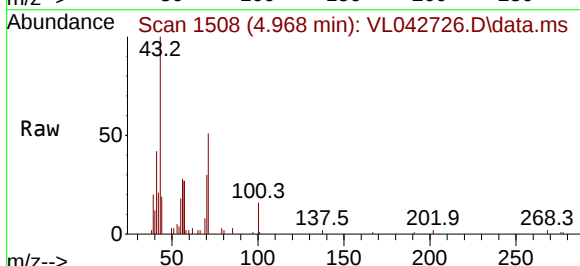
Acq: 22 Jul 2025 10:38

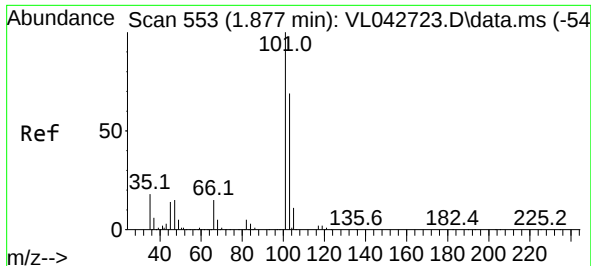
Tgt Ion: 43 Resp: 3719

Ion Ratio Lower Upper

43 100

57 120.2 39.1 58.7#

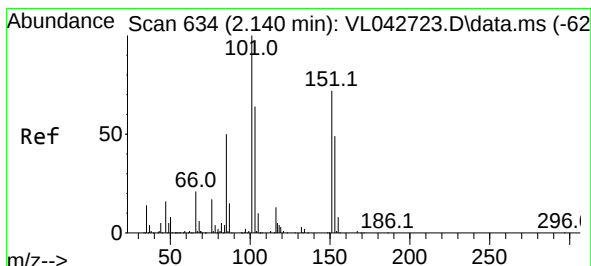
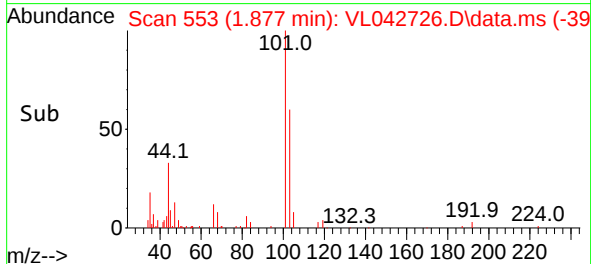
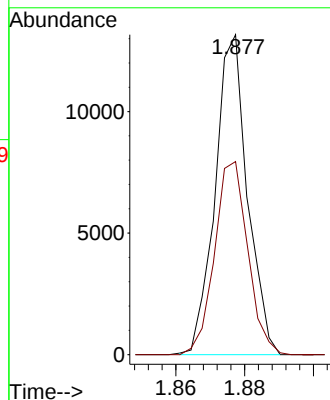
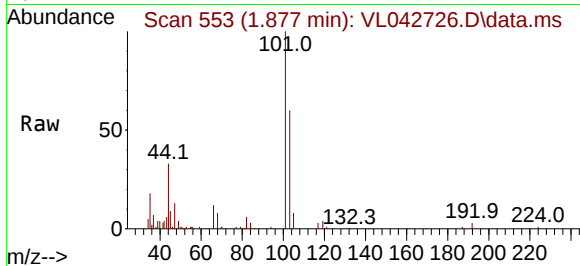




#11
 Trichlorofluoromethane
 Concen: 0.523 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

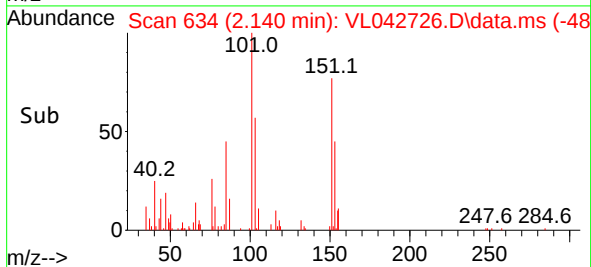
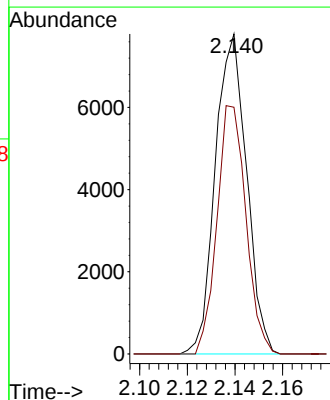
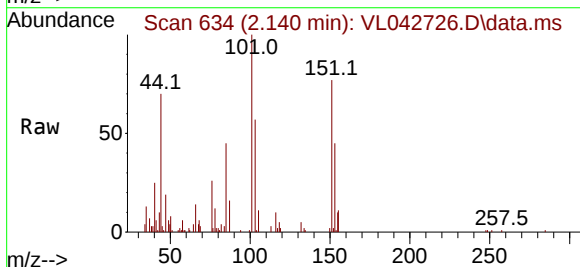
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

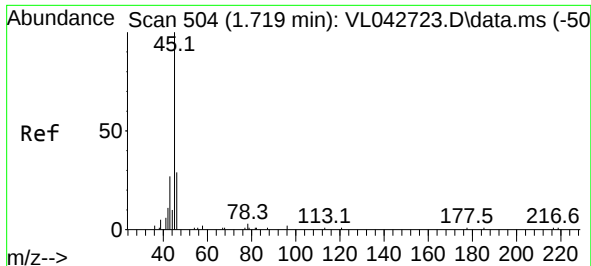
Tgt Ion:101 Resp: 8580
 Ion Ratio Lower Upper
 101 100
 103 60.4 55.2 82.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.553 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.000 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

Tgt Ion:101 Resp: 7094
 Ion Ratio Lower Upper
 101 100
 151 71.9 59.1 88.7

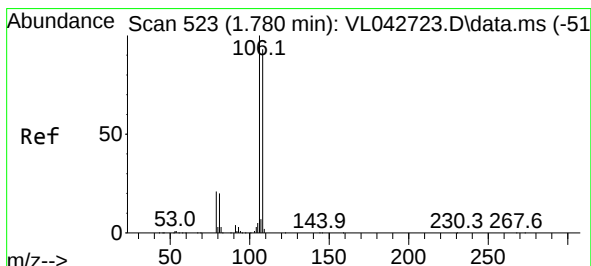
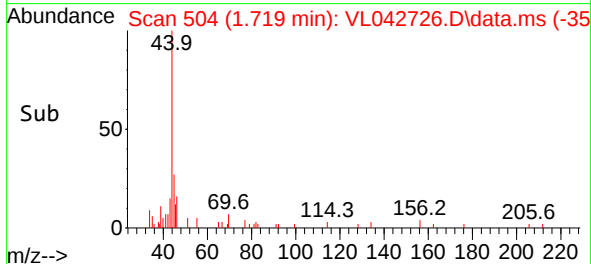
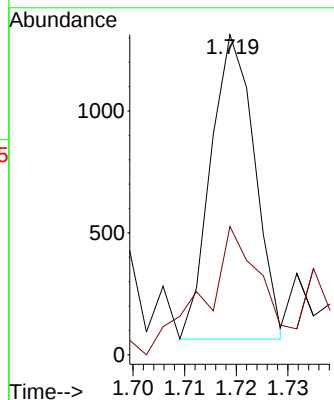
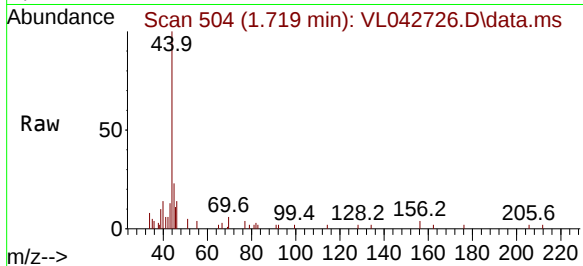




#13
Ethanol
Concen: 0.715 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

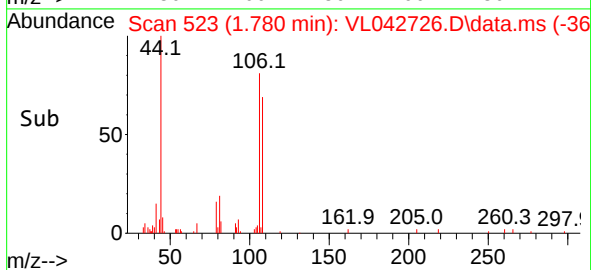
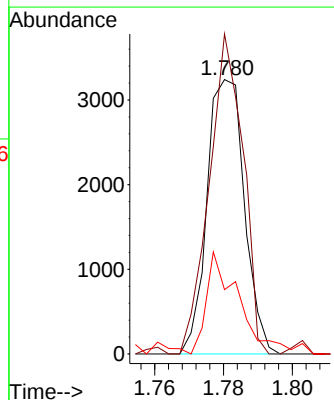
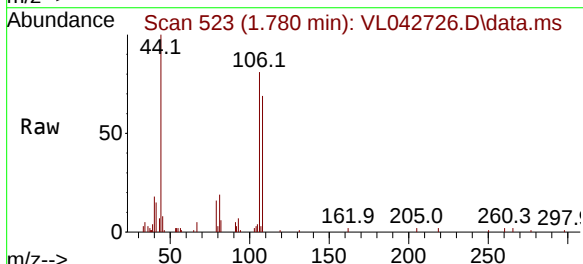
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

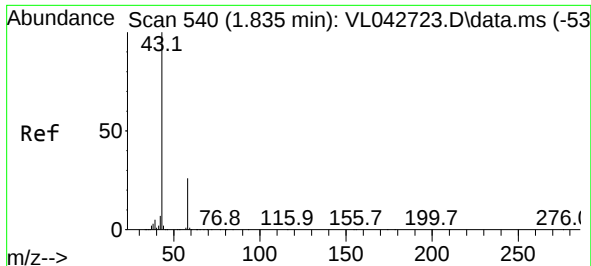
Tgt Ion: 45 Resp: 738
Ion Ratio Lower Upper
45 100
46 76.4 16.3 65.1#



#14
Bromoethene
Concen: 0.536 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 108 Resp: 2451
Ion Ratio Lower Upper
108 100
106 108.6 85.4 128.0
79 36.3 17.4 26.2#

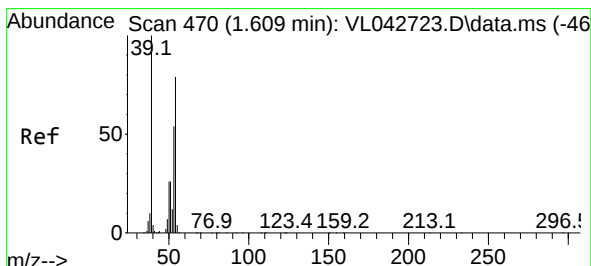
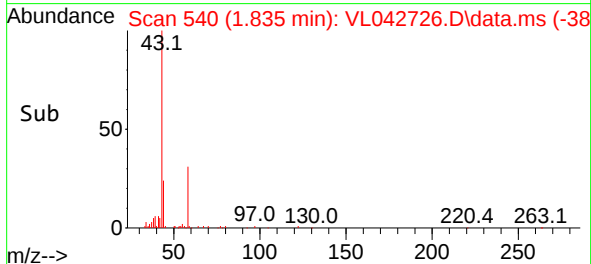
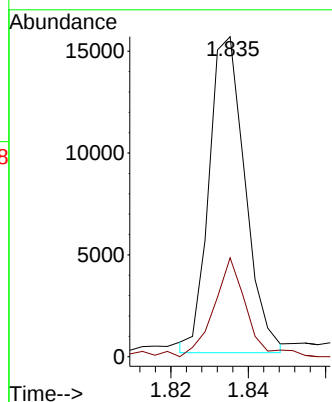
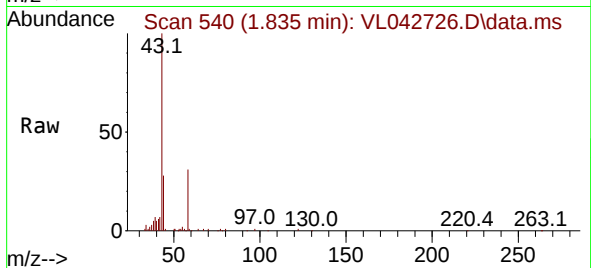




#15
Acetone
Concen: 0.586 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

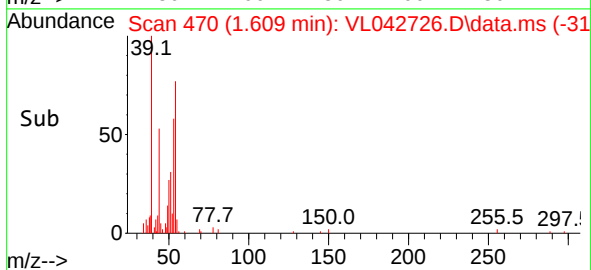
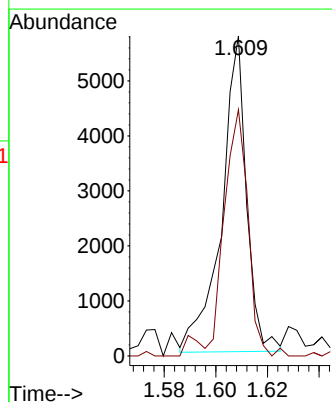
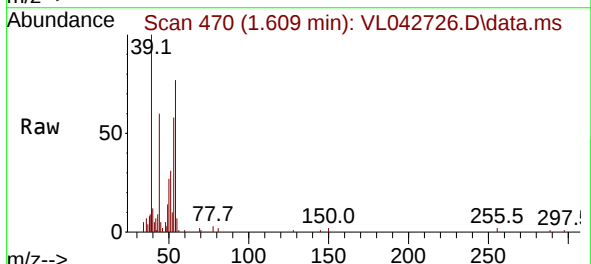
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

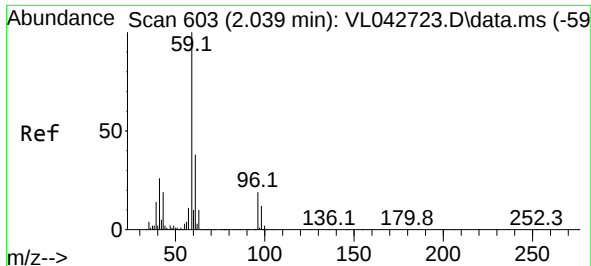
Tgt Ion: 43 Resp: 10023
Ion Ratio Lower Upper
43 100
58 29.4 20.5 30.7



#16
1,3-Butadiene
Concen: 0.527 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 39 Resp: 3860
Ion Ratio Lower Upper
39 100
54 77.7 54.6 82.0

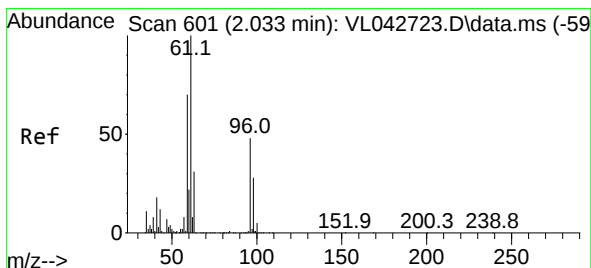
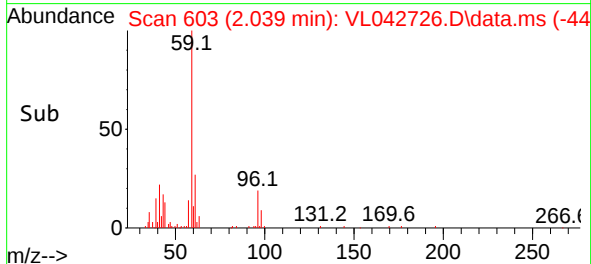
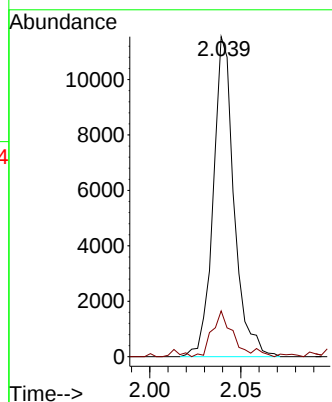
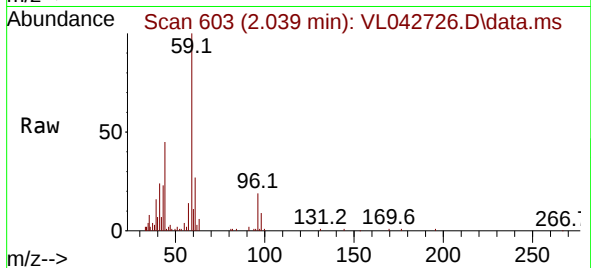




#17
 tert-Butyl alcohol
 Concen: 0.566 ppbv
 RT: 2.039 min Scan# 603
 Delta R.T. -0.000 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

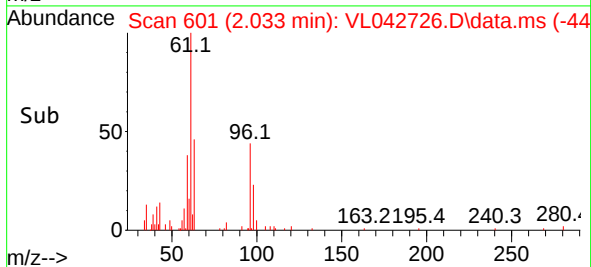
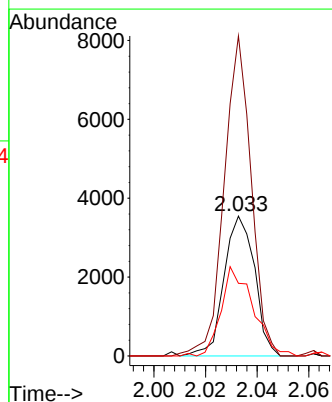
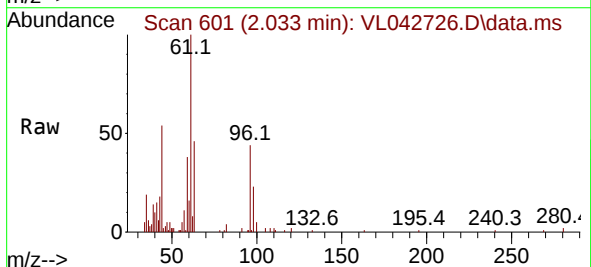
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

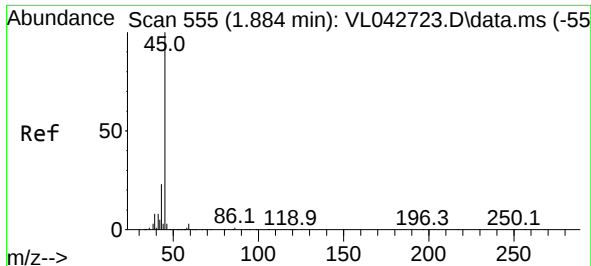
Tgt Ion: 59 Resp: 9192
 Ion Ratio Lower Upper
 59 100
 57 16.7 9.1 13.7#



#18
 1,1-Dichloroethene
 Concen: 0.535 ppbv
 RT: 2.033 min Scan# 601
 Delta R.T. -0.000 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

Tgt Ion: 96 Resp: 2921
 Ion Ratio Lower Upper
 96 100
 61 228.9 166.2 249.4
 98 51.9 46.1 69.1

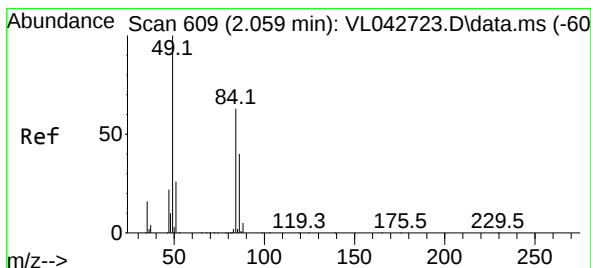
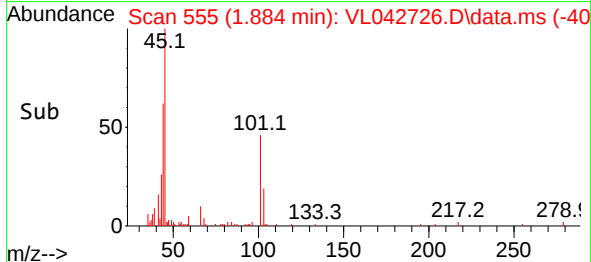
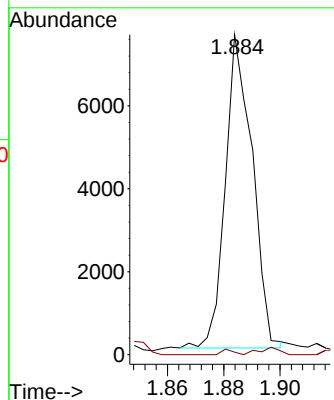
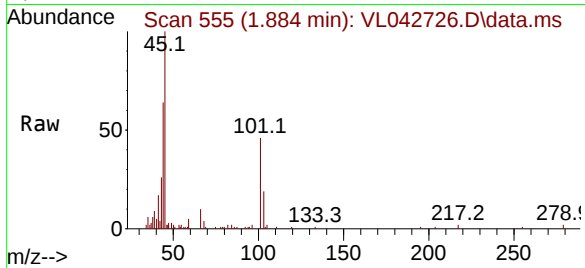




#19
Isopropyl Alcohol
Concen: 0.555 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

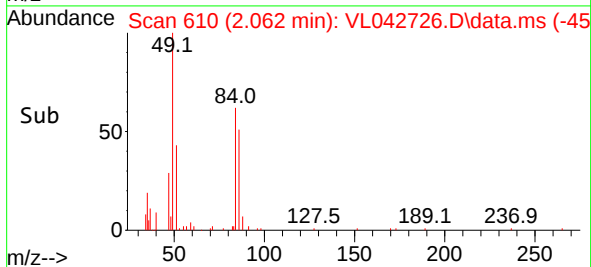
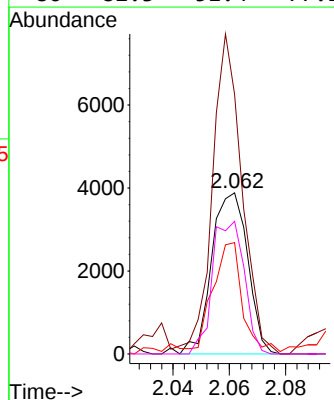
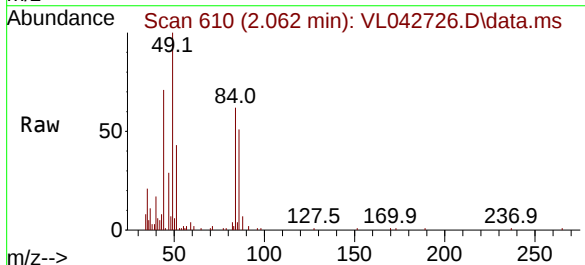
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

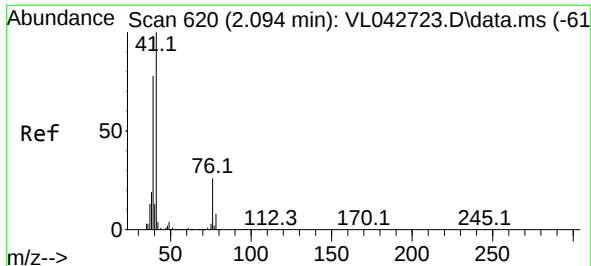
Tgt Ion: 45 Resp: 5028
Ion Ratio Lower Upper
45 100
58 4.4 30.6 46.0#



#20
Methylene Chloride
Concen: 0.642 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 84 Resp: 3449
Ion Ratio Lower Upper
84 100
49 161.1 128.2 192.4
51 67.6 34.5 51.7#
86 82.3 51.4 77.2#

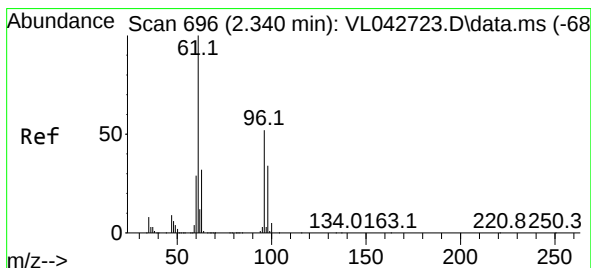
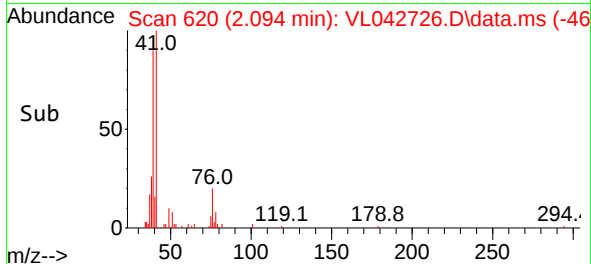
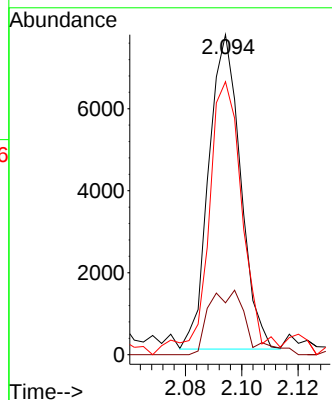
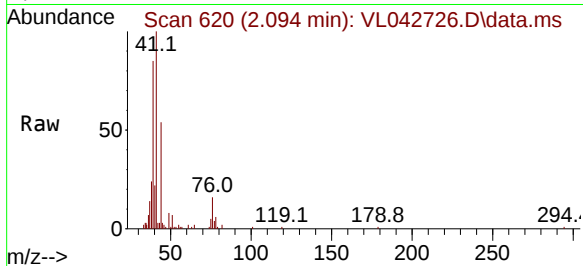




#21
 Allyl Chloride
 Concen: 0.549 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

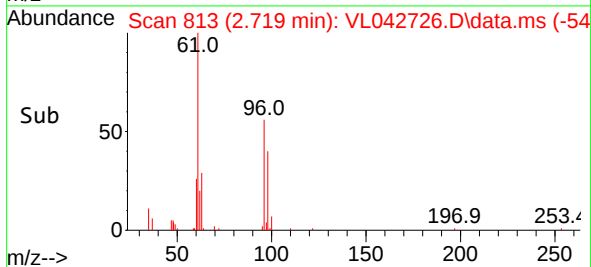
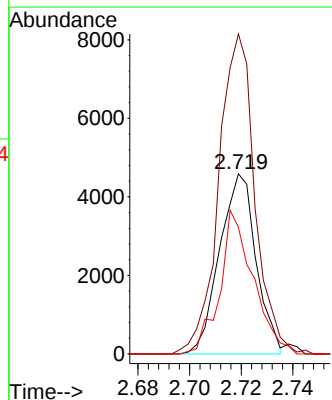
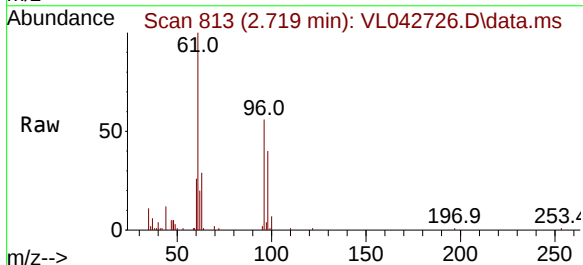
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

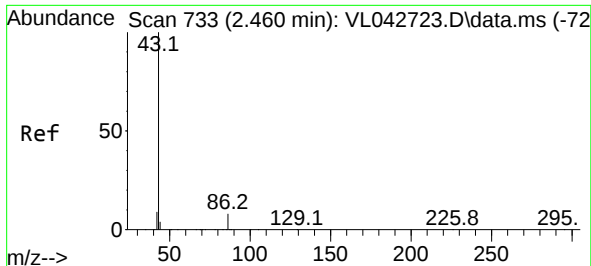
Tgt Ion: 41	Resp: 6018
Ion Ratio	Lower Upper
41	100
76	24.6 22.1 33.1
39	96.4 64.7 97.1



#22
 trans-1,2-Dichloroethene
 Concen: 0.717 ppbv
 RT: 2.719 min Scan# 813
 Delta R.T. 0.379 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

Tgt Ion: 96	Resp: 4502
Ion Ratio	Lower Upper
96	100
61	175.2 154.6 232.0
98	70.2 53.1 79.7

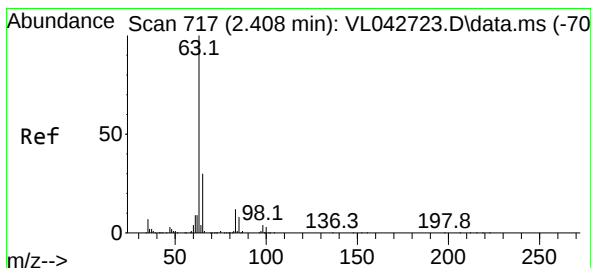
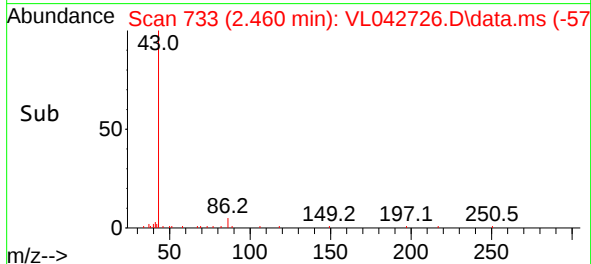
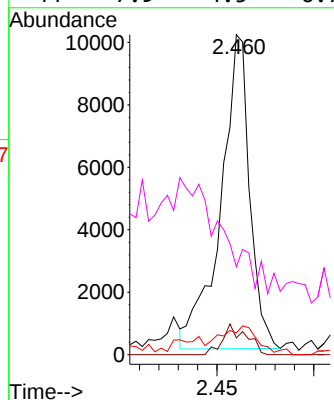
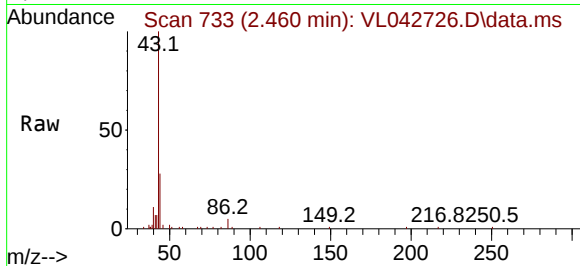




#23
 Vinyl Acetate
 Concen: 0.536 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

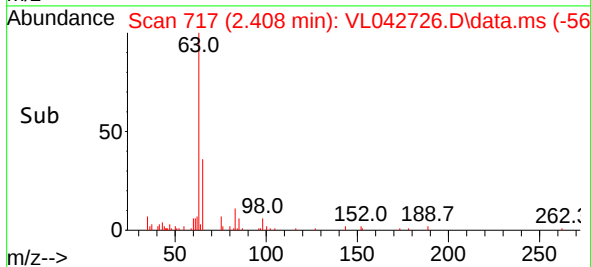
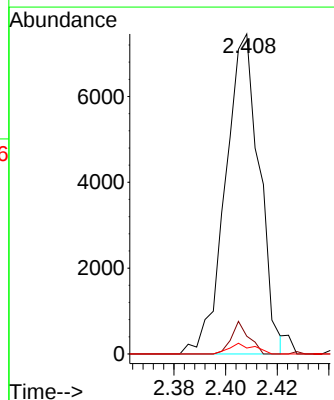
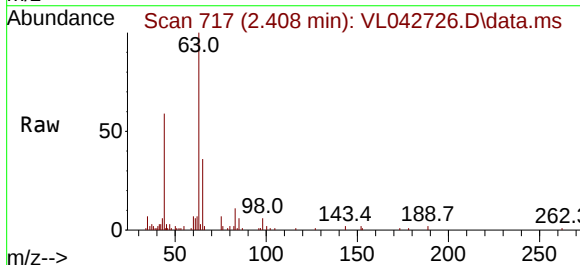
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

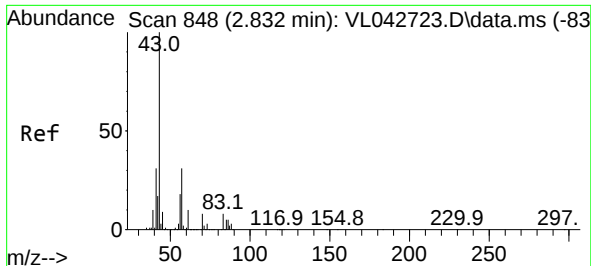
Tgt Ion: 43	Resp:	10439
Ion	Ratio	Lower Upper
43	100	
86	5.4	5.7 8.5#
42	5.5	7.9 11.9#
44	7.9	4.5 6.7#



#24
 1,1-Dichloroethane
 Concen: 0.543 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

Tgt Ion: 63	Resp:	6804
Ion	Ratio	Lower Upper
63	100	
98	5.5	2.0 5.8
100	1.9	1.6 4.7

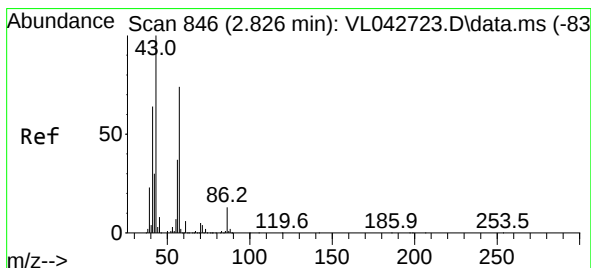
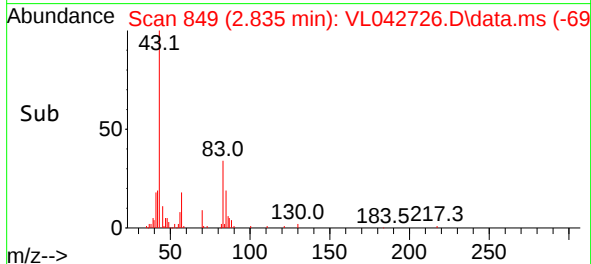
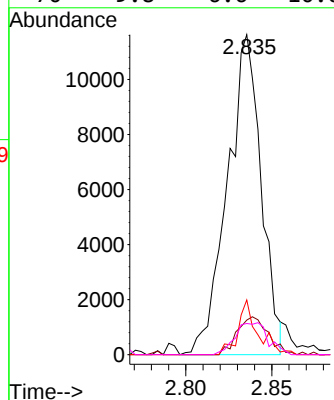
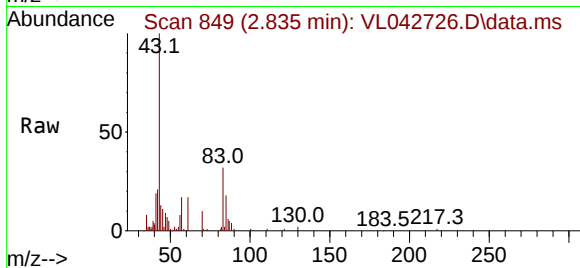




#25
Ethyl Acetate
Concen: 0.502 ppbv
RT: 2.835 min Scan# 84
Delta R.T. 0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

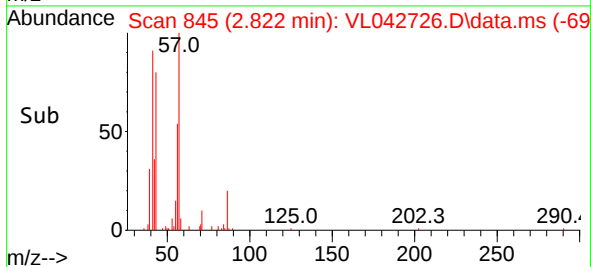
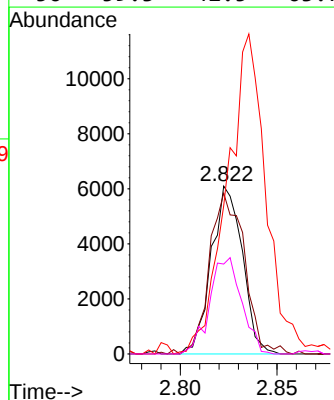
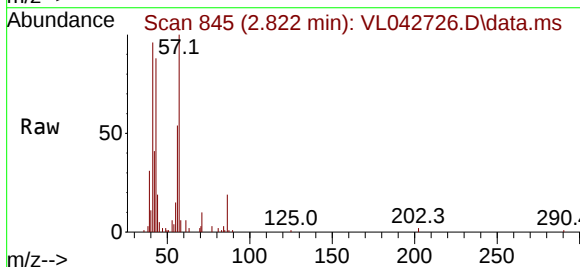
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

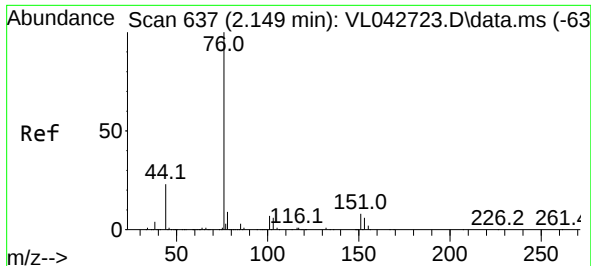
Tgt Ion: 43	Resp: 15850
Ion Ratio	Lower Upper
43 100	
45 11.1	7.8 11.6
61 10.0	7.0 10.6
70 9.8	6.6 10.0



#26
Hexane
Concen: 0.492 ppbv
RT: 2.822 min Scan# 845
Delta R.T. -0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 57	Resp: 6804
Ion Ratio	Lower Upper
57 100	
41 108.1	77.3 115.9
43 253.3	182.3 273.5
56 59.3	42.5 63.7





#27

Carbon Disulfide

Concen: 0.521 ppbv

RT: 2.149 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

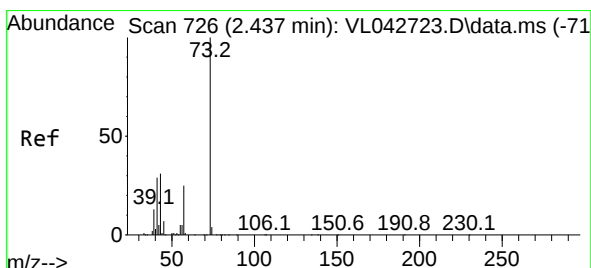
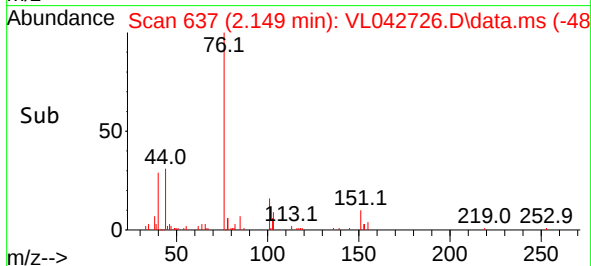
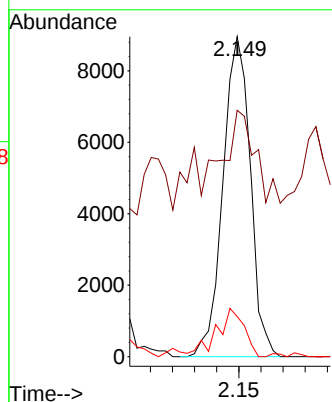
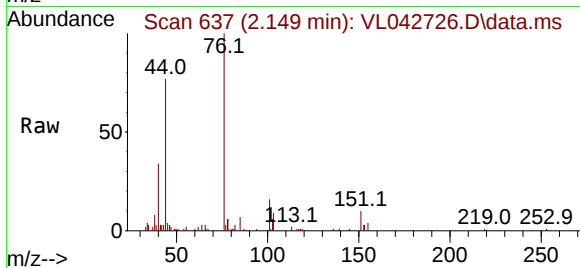
Tgt Ion: 76 Resp: 7702

Ion Ratio Lower Upper

76 100

44 157.2 18.8 28.2#

78 16.9 9.5 14.3#



#28

Methyl tert-Butyl Ether

Concen: 0.523 ppbv

RT: 2.441 min Scan# 727

Delta R.T. 0.003 min

Lab File: VL042726.D

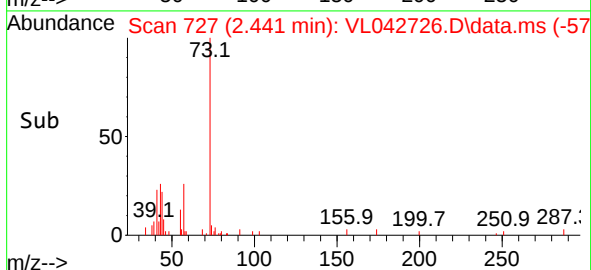
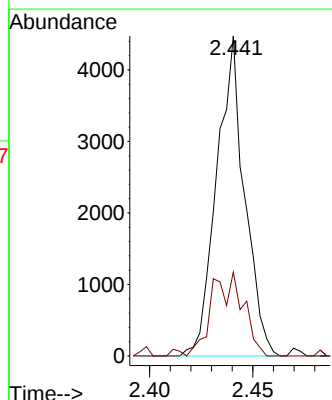
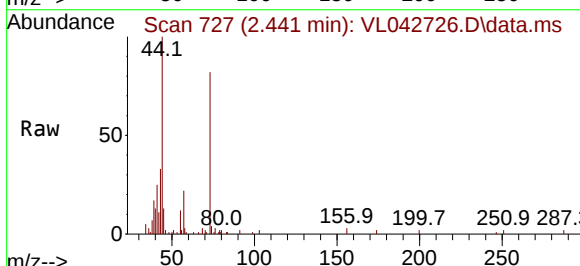
Acq: 22 Jul 2025 10:38

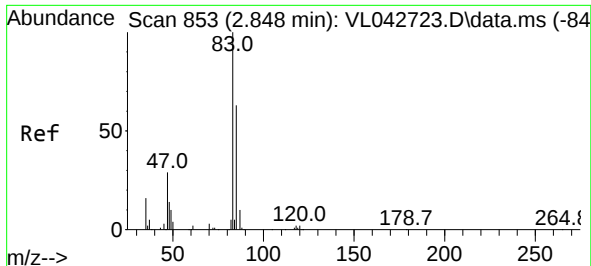
Tgt Ion: 73 Resp: 4207

Ion Ratio Lower Upper

73 100

57 30.2 19.8 29.8#





#29

Chloroform

Concen: 0.527 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

Instrument :

MSVOA_L

ClientSampleId :

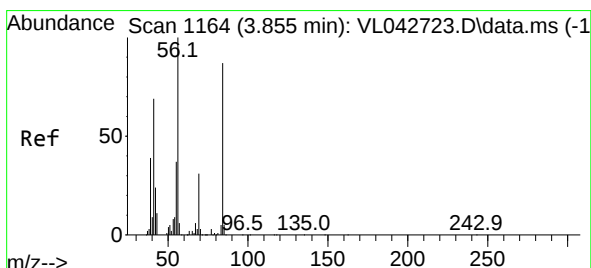
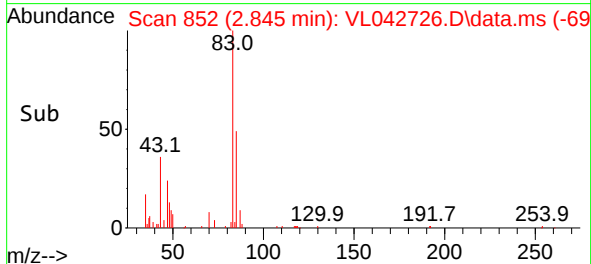
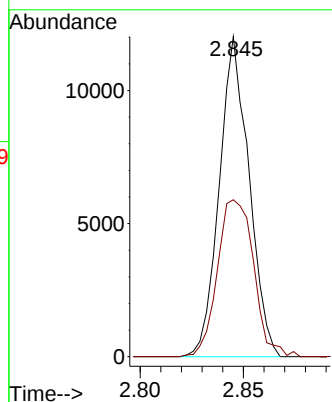
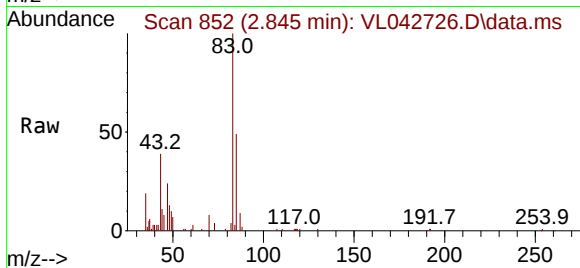
VSTDIC0.5

Tgt Ion: 83 Resp: 12038

Ion Ratio Lower Upper

83 100

85 49.1 50.9 76.3#



#30

Cyclohexane

Concen: 0.250 ppbv

RT: 3.848 min Scan# 1162

Delta R.T. -0.007 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

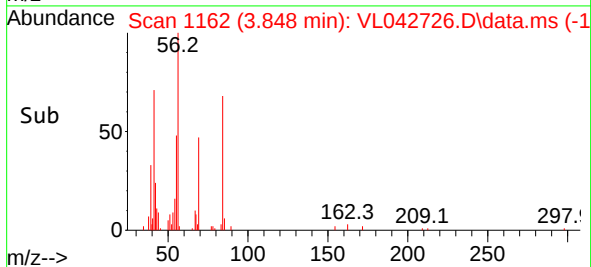
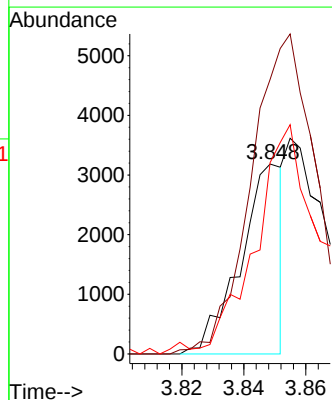
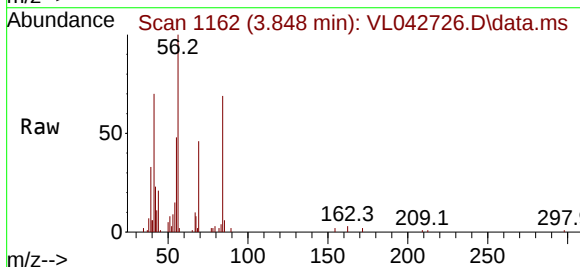
Tgt Ion: 84 Resp: 3021

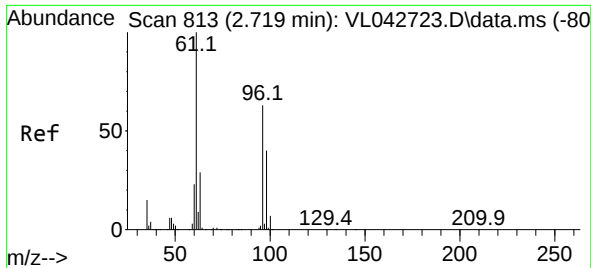
Ion Ratio Lower Upper

84 100

56 0.0 94.2 141.4#

41 0.0 66.4 99.6#

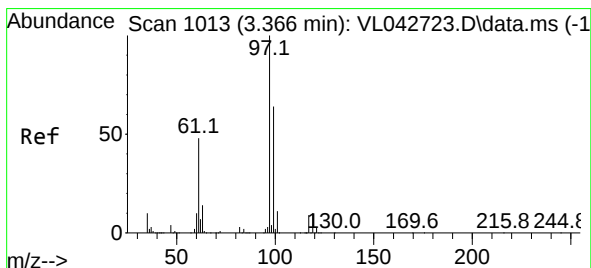
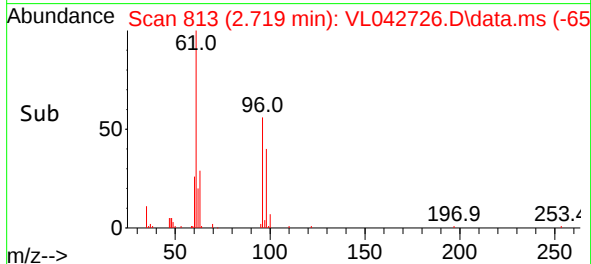
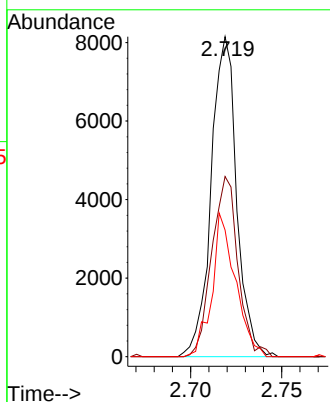
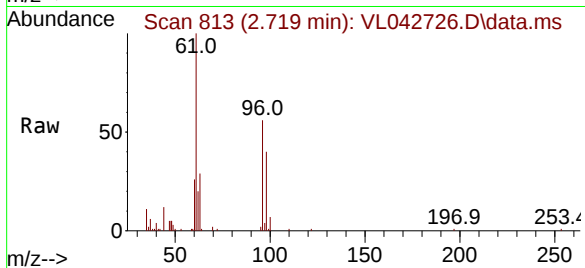




#31
 cis-1,2-Dichloroethene
 Concen: 0.532 ppbv
 RT: 2.719 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

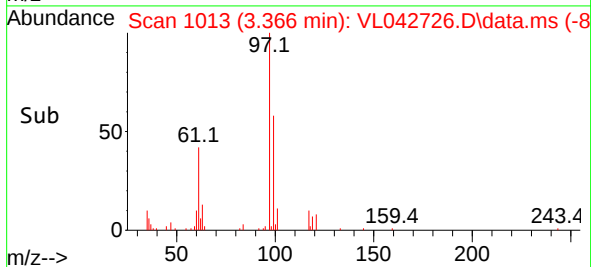
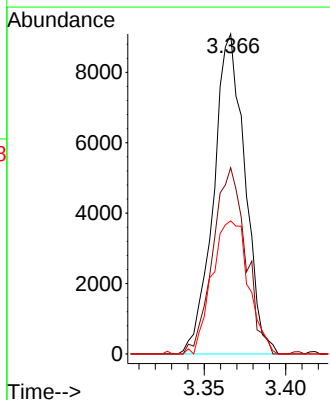
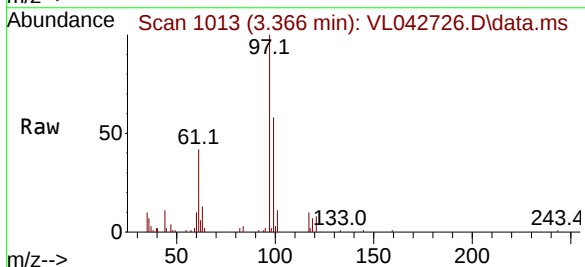
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

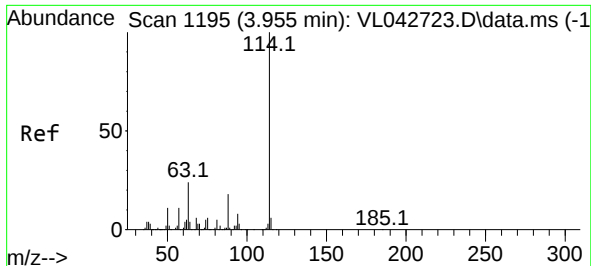
Tgt Ion: 61 Resp: 7924
 Ion Ratio Lower Upper
 61 100
 96 56.3 50.6 75.8
 98 39.5 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 0.505 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.000 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

Tgt Ion: 97 Resp: 12154
 Ion Ratio Lower Upper
 97 100
 99 61.1 51.4 77.0
 61 48.5 39.6 59.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.003 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

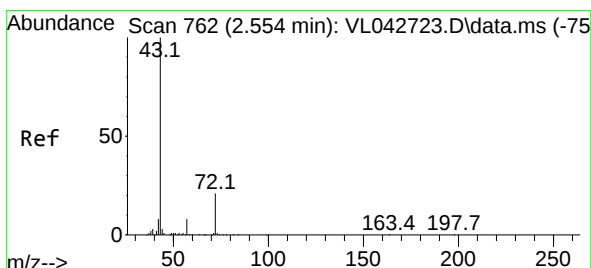
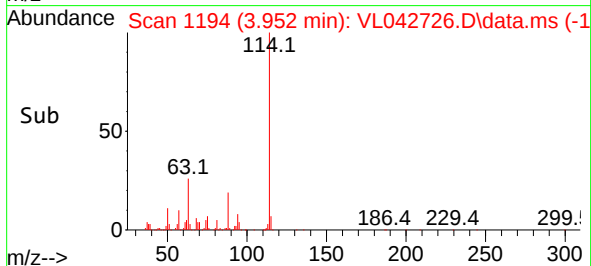
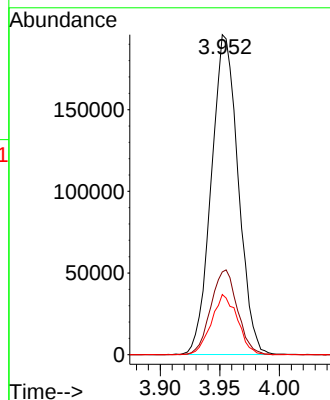
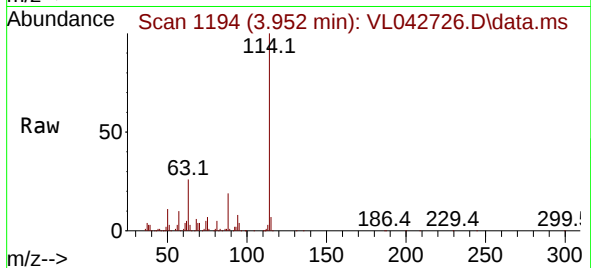
Tgt Ion:114 Resp: 307224

Ion Ratio Lower Upper

114 100

63 26.3 20.4 30.6

88 18.3 14.5 21.7



#34

2-Butanone

Concen: 0.545 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.003 min

Lab File: VL042726.D

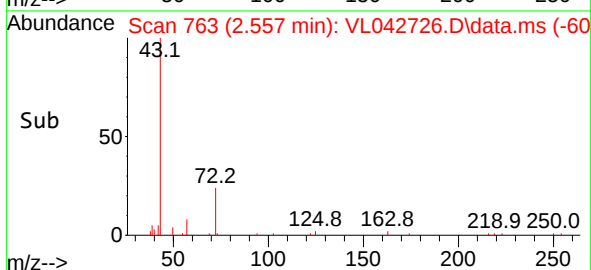
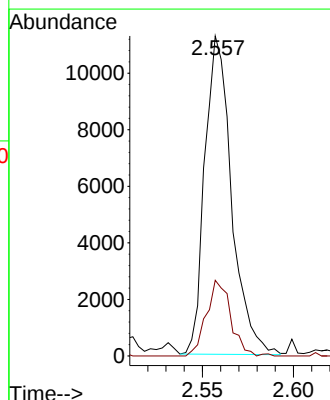
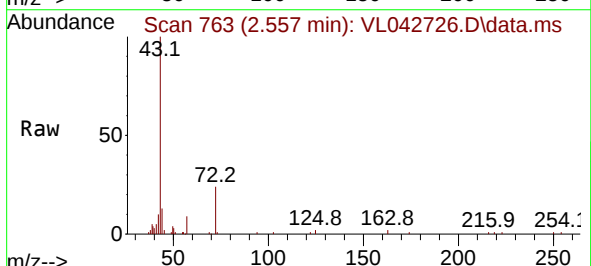
Acq: 22 Jul 2025 10:38

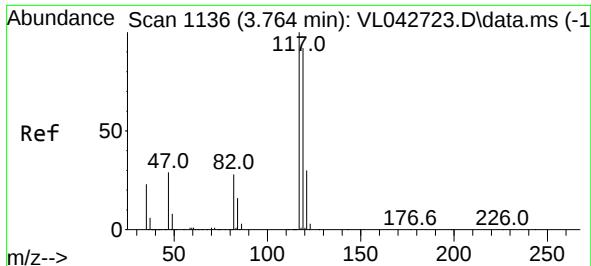
Tgt Ion: 43 Resp: 11532

Ion Ratio Lower Upper

43 100

72 21.7 17.0 25.6

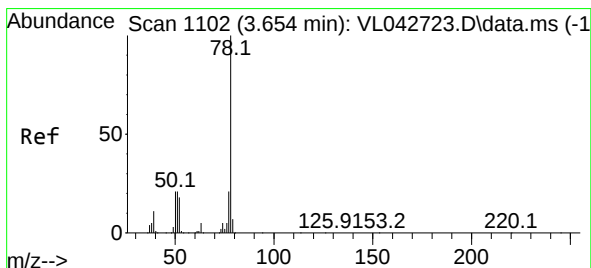
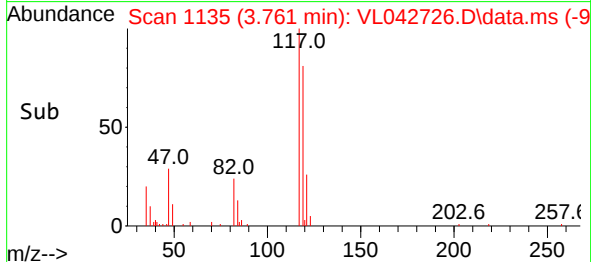
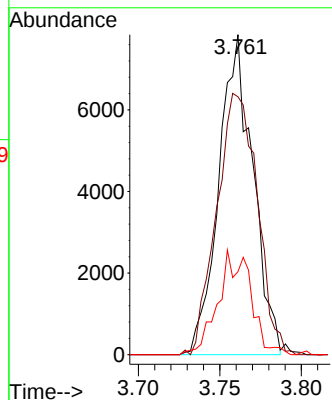
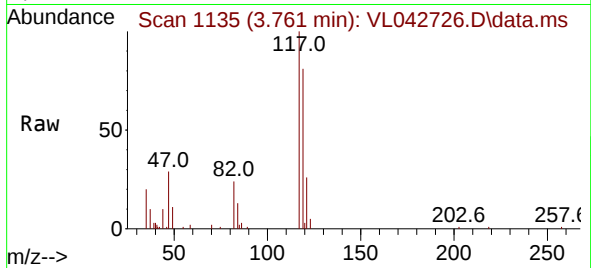




#35
Carbon Tetrachloride
Concen: 0.452 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. -0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

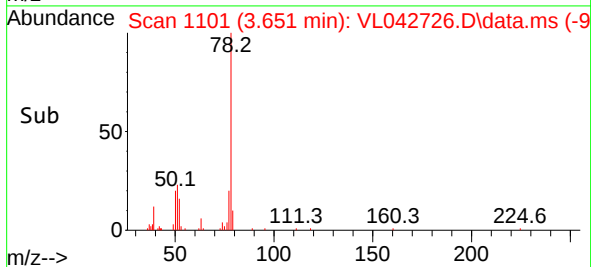
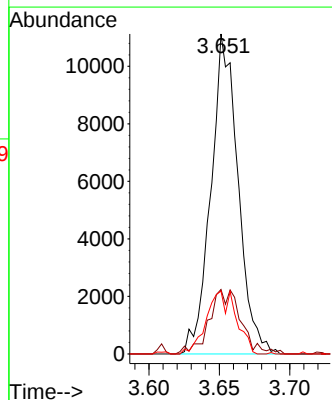
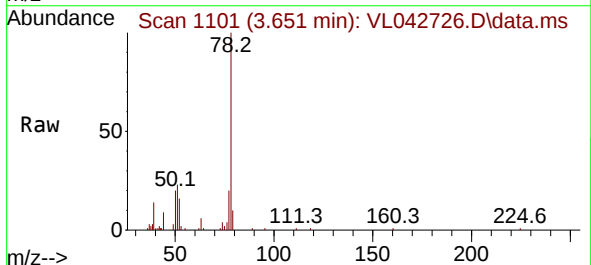
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

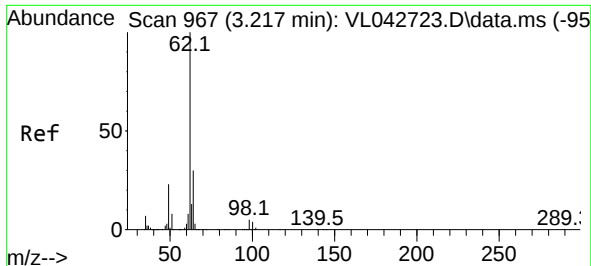
Tgt Ion:117 Resp: 11388
Ion Ratio Lower Upper
117 100
119 80.6 73.7 110.5
121 26.0 23.8 35.8



#36
Benzene
Concen: 0.523 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 78 Resp: 14937
Ion Ratio Lower Upper
78 100
77 19.5 17.0 25.4
50 19.7 16.9 25.3





#37

1,2-Dichloroethane

Concen: 0.502 ppbv

RT: 3.214 min Scan# 9

Delta R.T. -0.003 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

Instrument :

MSVOA_1

ClientSampleId :

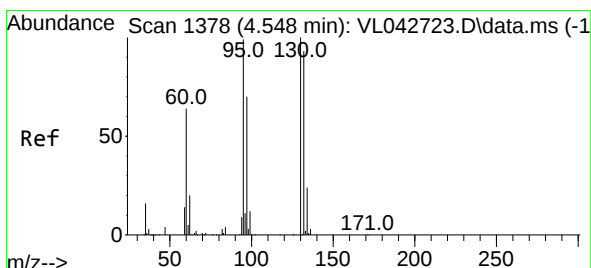
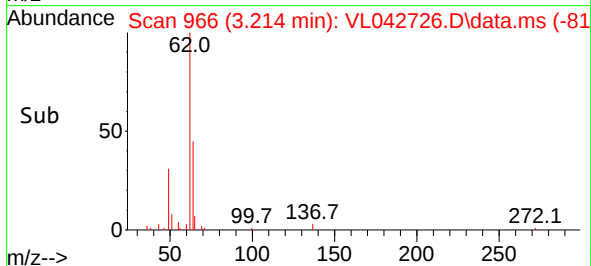
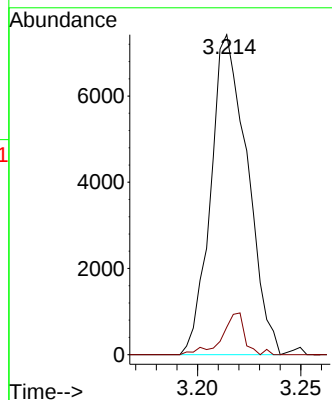
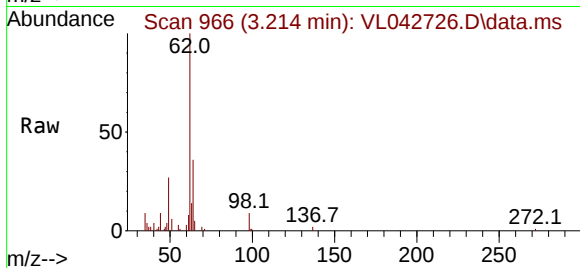
VSTDIC0.5

Tgt Ion: 62 Resp: 9142

Ion Ratio Lower Upper

62 100

98 8.2 4.8 7.2#



#38

Trichloroethene

Concen: 0.303 ppbv

RT: 4.541 min Scan# 1376

Delta R.T. -0.007 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

Tgt Ion:130 Resp: 4206

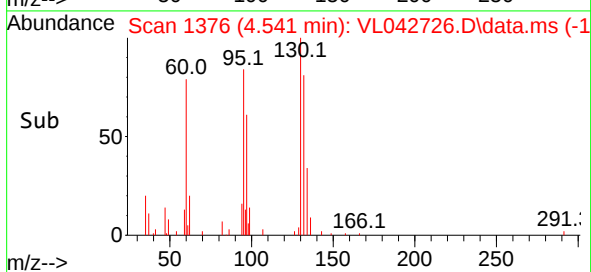
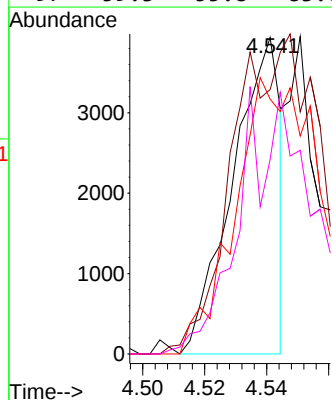
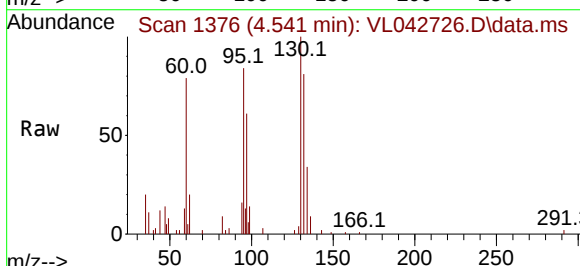
Ion Ratio Lower Upper

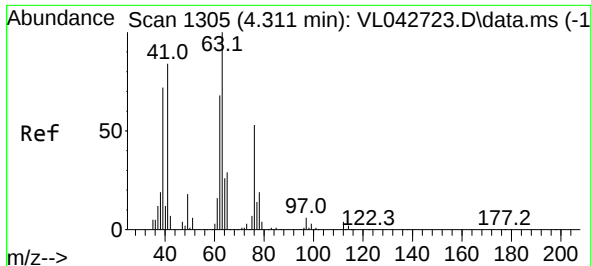
130 100

95 80.7 79.2 118.8

132 80.5 74.1 111.1

97 59.3 55.8 83.6





#39

1,2-Dichloropropane

Concen: 0.456 ppbv

RT: 4.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

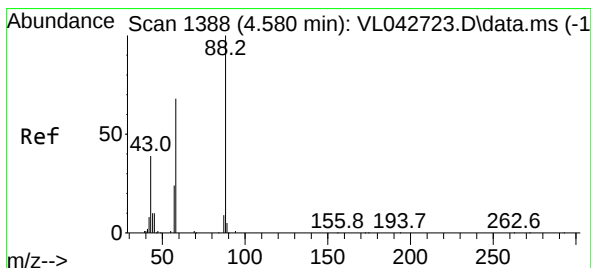
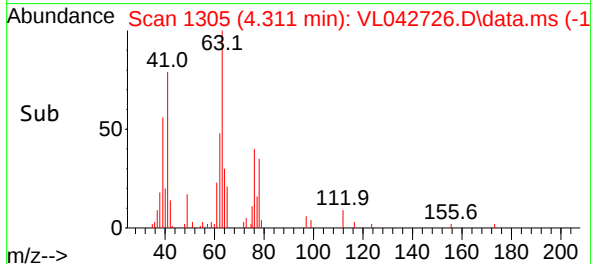
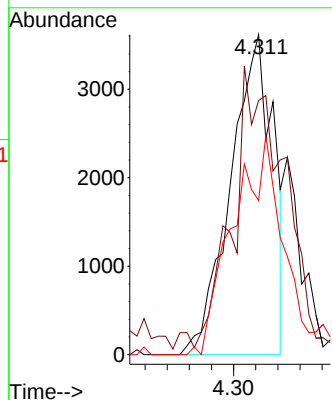
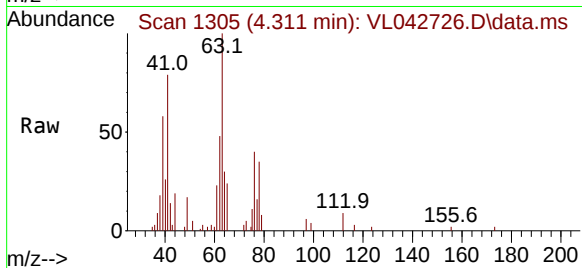
Tgt Ion: 63 Resp: 4851

Ion Ratio Lower Upper

63 100

41 69.9 67.7 101.5

62 48.2 54.1 81.1#



#40

1,4-Dioxane

Concen: 0.369 ppbv

RT: 4.599 min Scan# 1394

Delta R.T. 0.019 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

Tgt Ion: 88 Resp: 1806

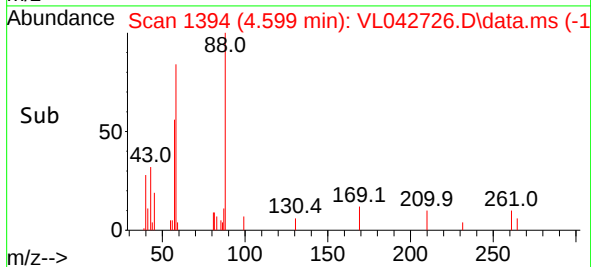
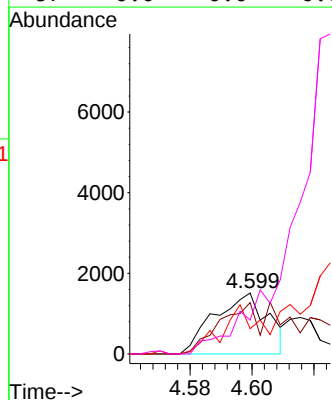
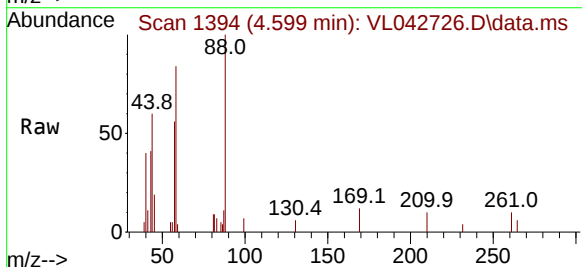
Ion Ratio Lower Upper

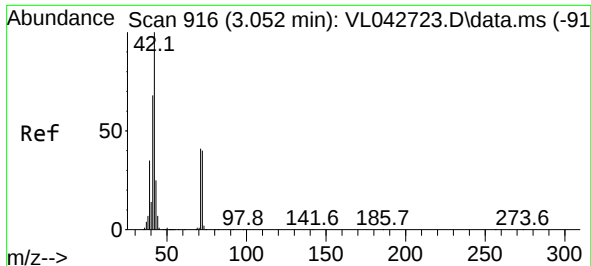
88 100

58 177.6 59.8 89.8#

43 0.0 32.6 48.8#

57 0.0 0.0 0.0

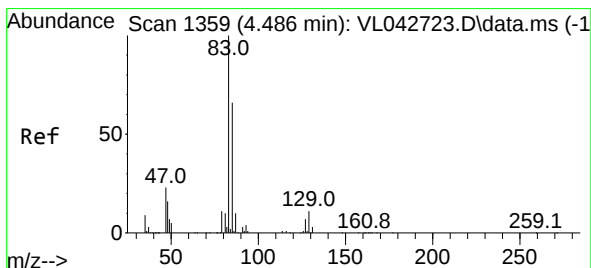
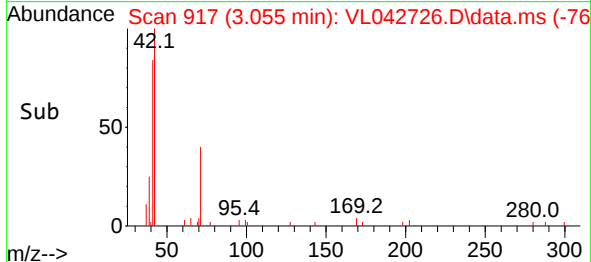
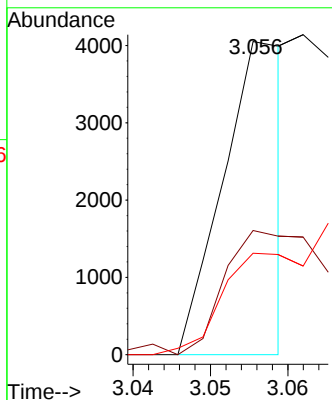
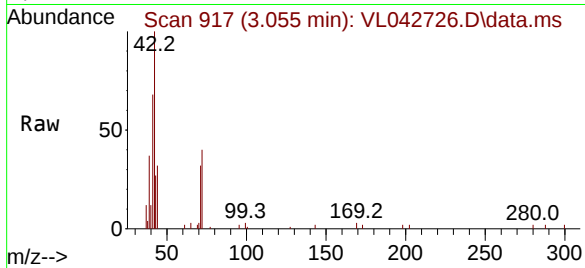




#41
Tetrahydrofuran
Concen: 0.211 ppbv
RT: 3.055 min Scan# 916
Delta R.T. 0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

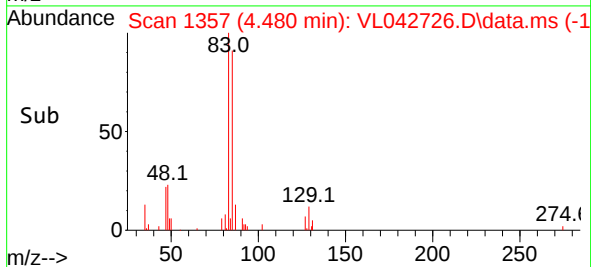
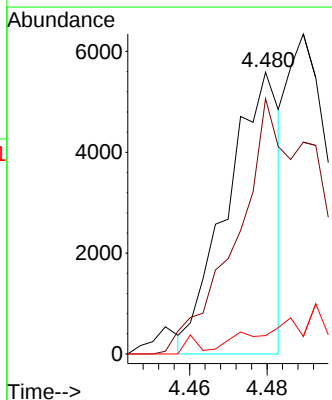
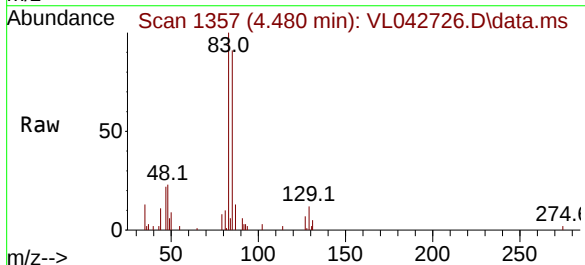
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

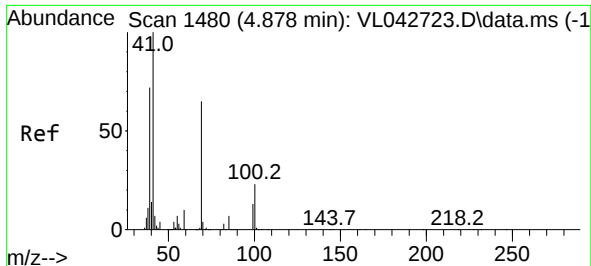
Tgt Ion: 42 Resp: 2286
Ion Ratio Lower Upper
42 100
72 95.0 32.2 48.2#
71 0.0 29.8 44.6#



#42
Bromodichloromethane
Concen: 0.221 ppbv
RT: 4.480 min Scan# 1357
Delta R.T. -0.007 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 83 Resp: 5260
Ion Ratio Lower Upper
83 100
85 88.3 52.6 78.8#
127 7.0 6.0 9.0

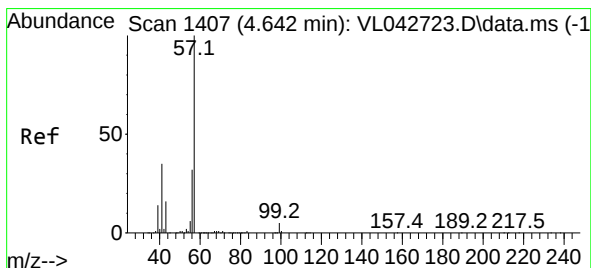
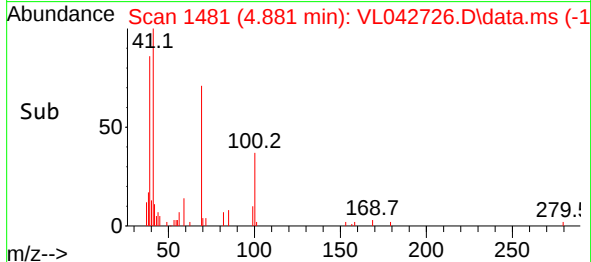
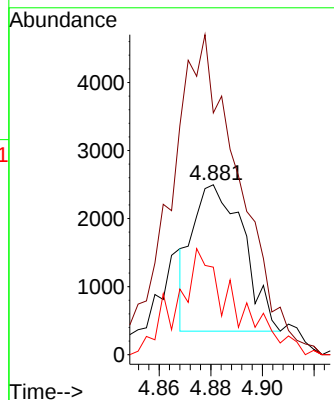
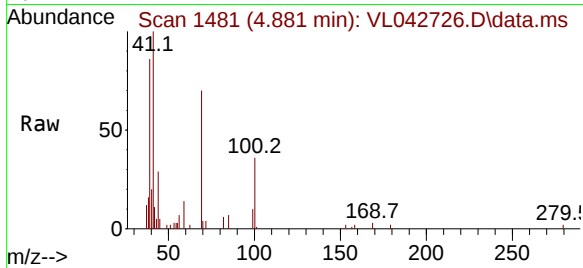




#43
Methyl Methacrylate
Concen: 0.269 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. 0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

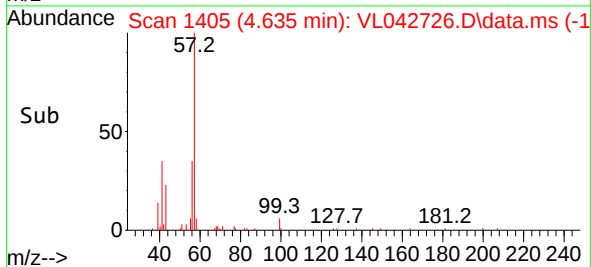
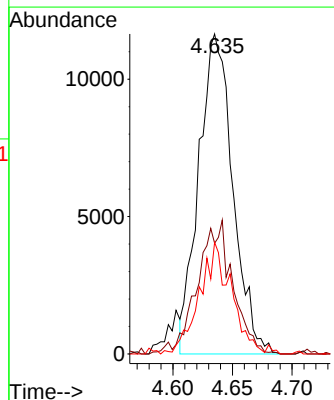
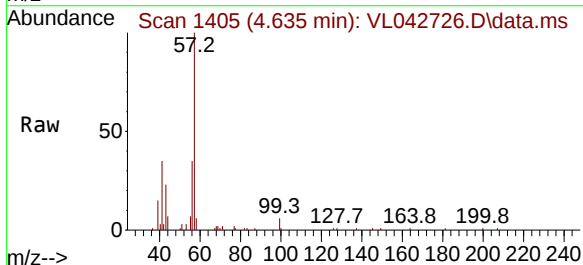
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

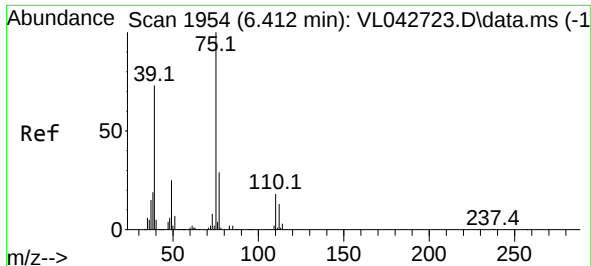
Tgt Ion: 69 Resp: 2948
Ion Ratio Lower Upper
69 100
41 297.6 125.8 188.6#
100 82.9 29.9 44.9#



#44
2,2,4-Trimethylpentane
Concen: 0.494 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. -0.007 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 57 Resp: 23243
Ion Ratio Lower Upper
57 100
41 44.0 29.4 44.0
56 33.3 26.1 39.1





#45

t-1,3-Dichloropropene

Concen: 0.077 ppbv

RT: 6.428 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

Instrument :

MSVOA_1

ClientSampleId :

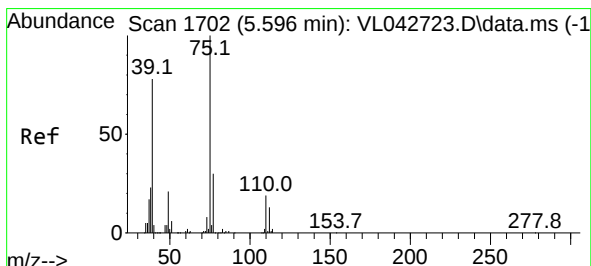
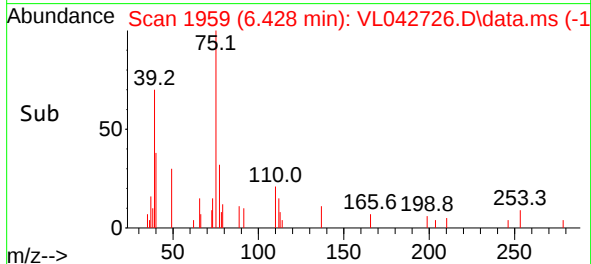
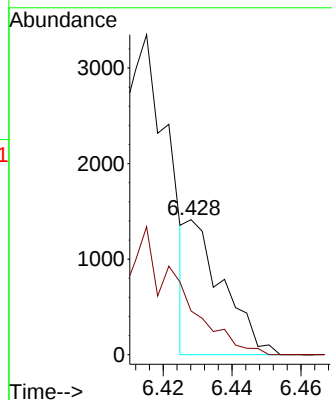
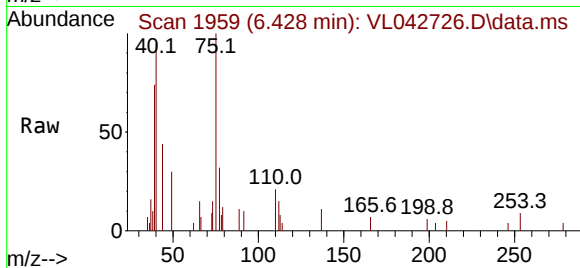
VSTDIC0.5

Tgt Ion: 75 Resp: 1032

Ion Ratio Lower Upper

75 100

77 32.4 23.0 34.6



#46

cis-1,3-Dichloropropene

Concen: 0.449 ppbv

RT: 5.596 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

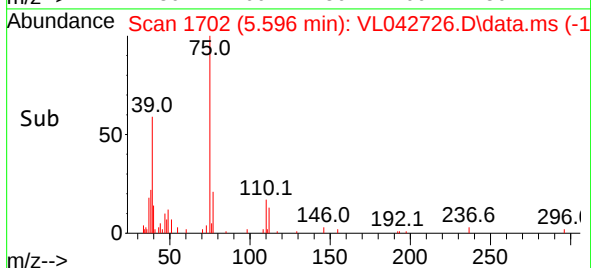
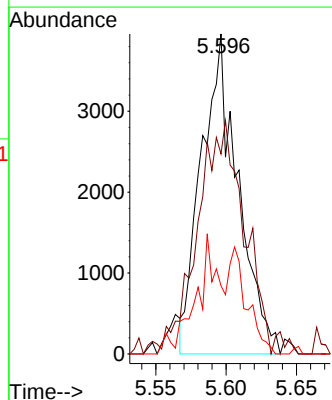
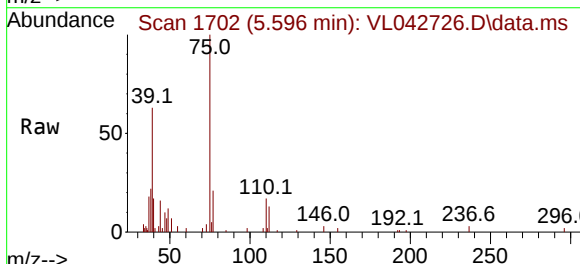
Tgt Ion: 75 Resp: 7179

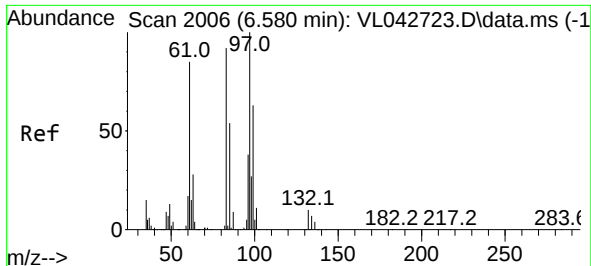
Ion Ratio Lower Upper

75 100

39 55.6 62.1 93.1#

77 21.3 24.0 36.0#



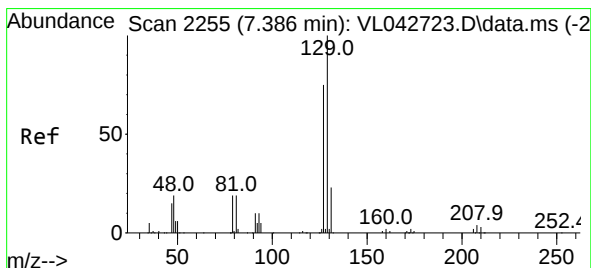
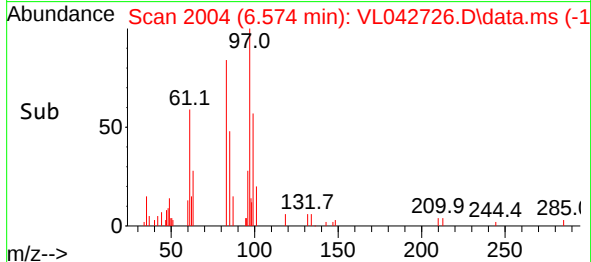
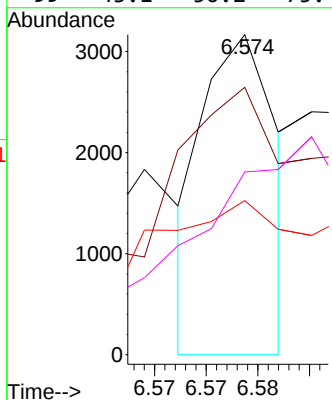
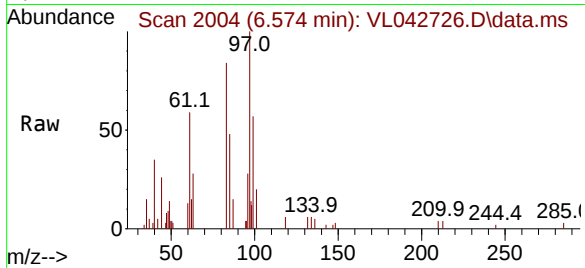


#47
1,1,2-Trichloroethane
Concen: 0.135 ppbv
RT: 6.574 min Scan# 2006
Delta R.T. -0.007 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

Tgt Ion: 97 Resp: 1574

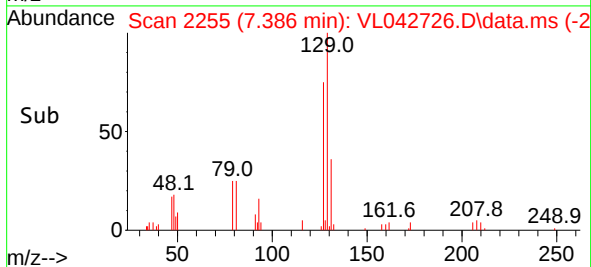
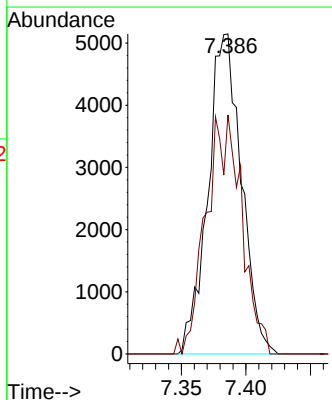
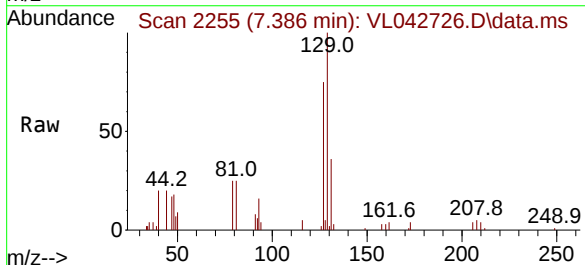
Ion	Ratio	Lower	Upper
97	100		
83	44.5	73.2	109.8#
85	17.4	42.7	64.1#
99	43.1	50.2	75.4#

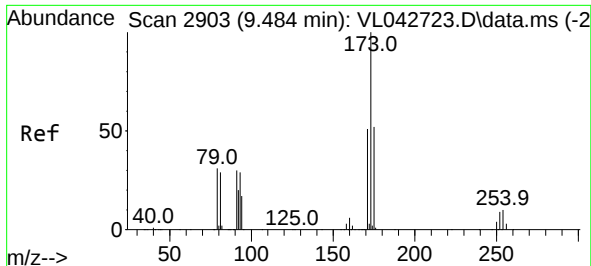


#48
Dibromochloromethane
Concen: 0.480 ppbv
RT: 7.386 min Scan# 2255
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 129 Resp: 9290

Ion	Ratio	Lower	Upper
129	100		
127	79.6	39.1	117.3





#49

Bromoform

Concen: 0.452 ppbv

RT: 9.480 min Scan# 2903

Delta R.T. -0.003 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

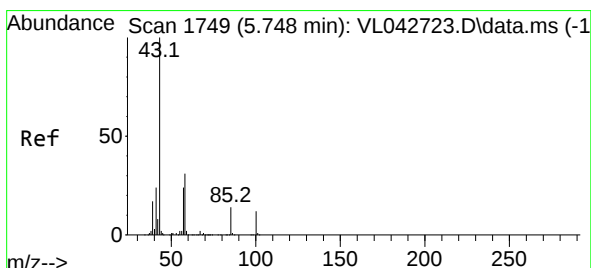
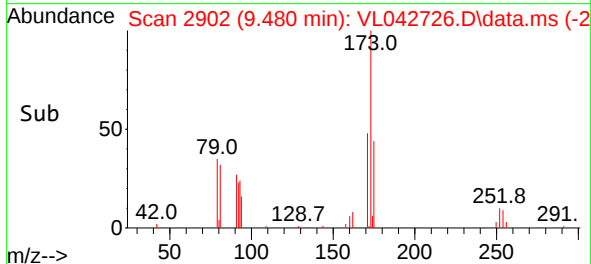
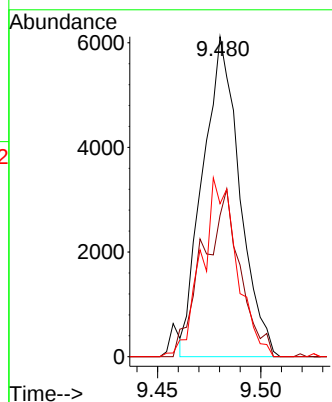
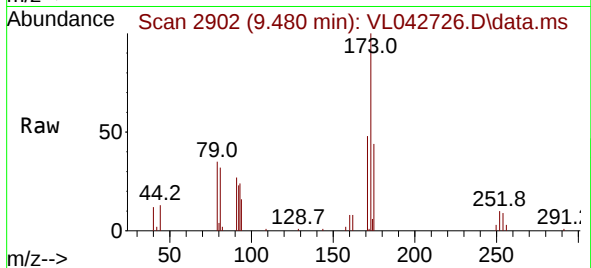
Tgt Ion:173 Resp: 7586

Ion Ratio Lower Upper

173 100

175 53.0 38.9 58.3

171 53.4 41.1 61.7



#50

4-Methyl-2-Pentanone

Concen: 0.154 ppbv

RT: 5.752 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VL042726.D

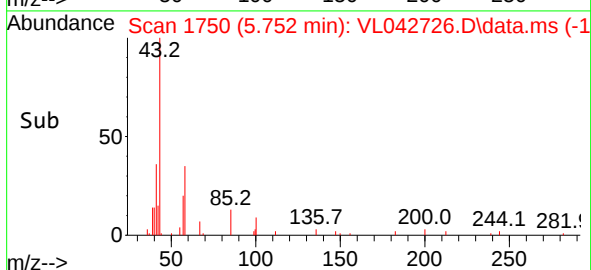
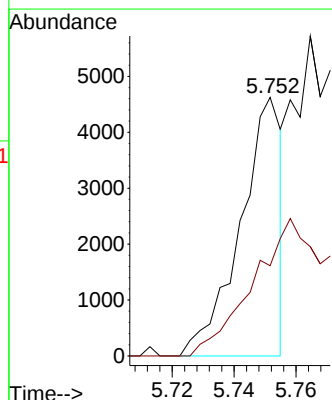
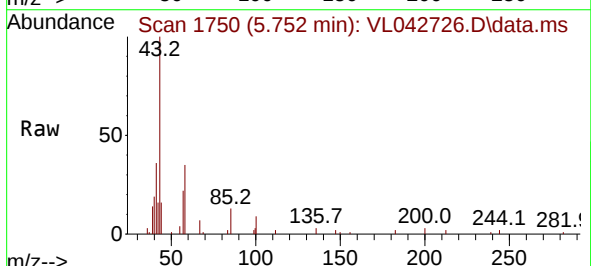
Acq: 22 Jul 2025 10:38

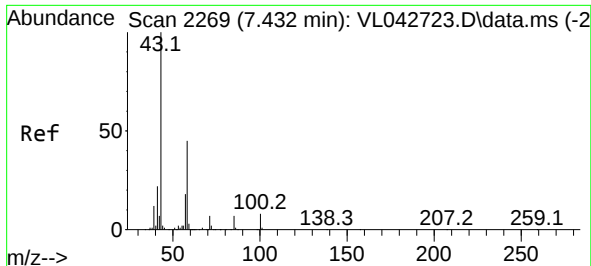
Tgt Ion: 43 Resp: 4289

Ion Ratio Lower Upper

43 100

58 0.0 27.6 41.4#

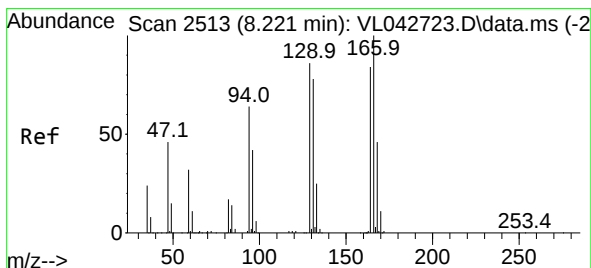
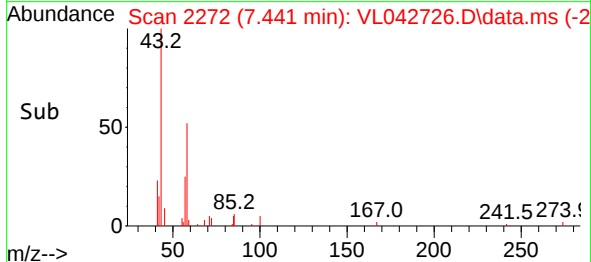
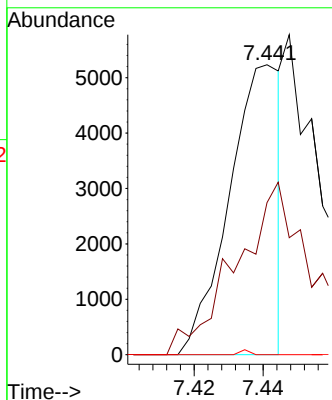
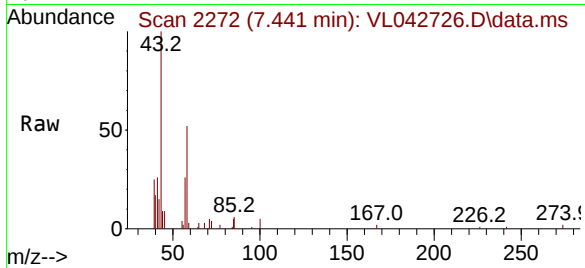




#51
2-Hexanone
Concen: 0.243 ppbv
RT: 7.441 min Scan# 2113
Delta R.T. 0.010 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

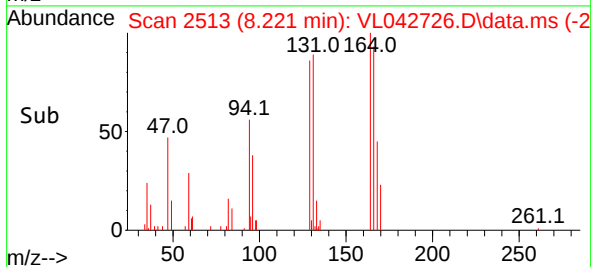
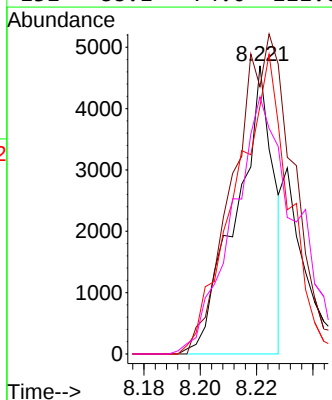
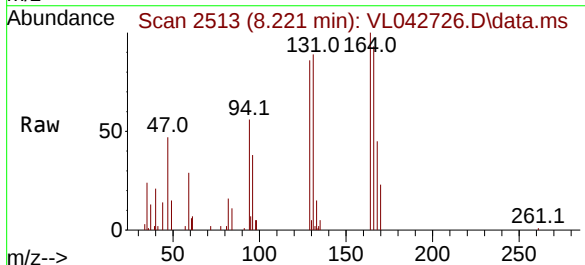
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

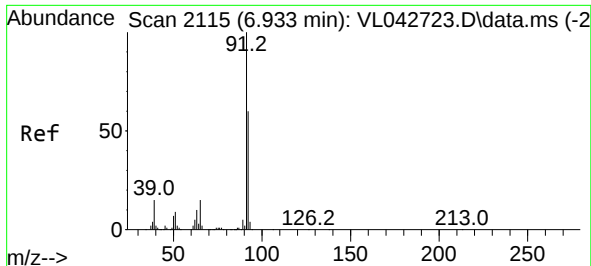
Tgt Ion: 43 Resp: 5413
Ion Ratio Lower Upper
43 100
58 0.0 37.9 56.9#
98 0.0 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.377 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 164 Resp: 4333
Ion Ratio Lower Upper
164 100
166 92.7 95.1 142.7#
129 86.0 81.9 122.9
131 88.1 74.0 111.0

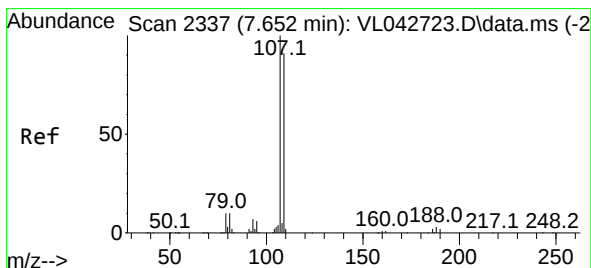
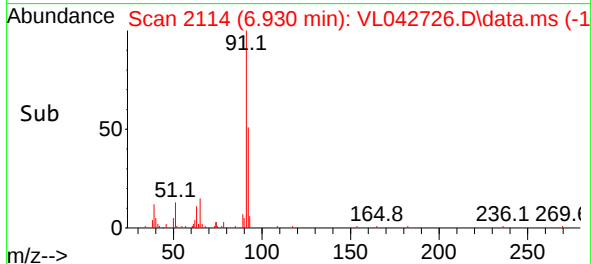
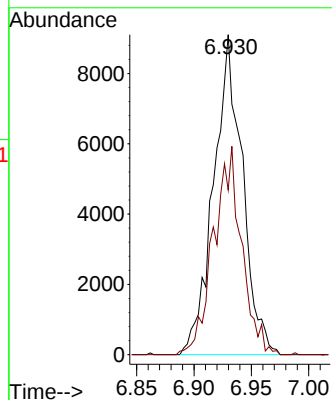
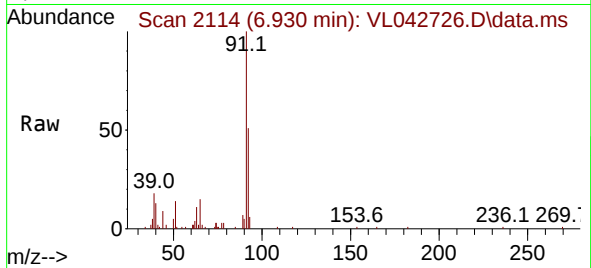




#53
Toluene
Concen: 0.494 ppbv
RT: 6.930 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

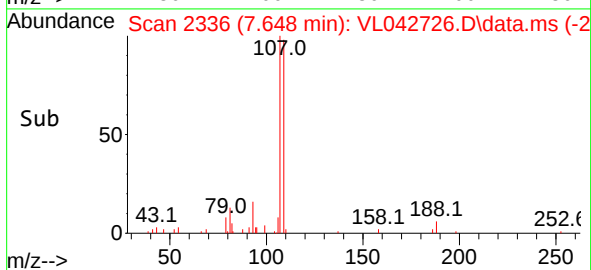
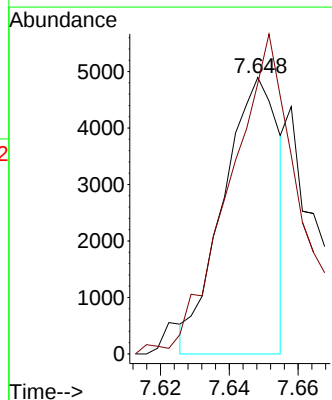
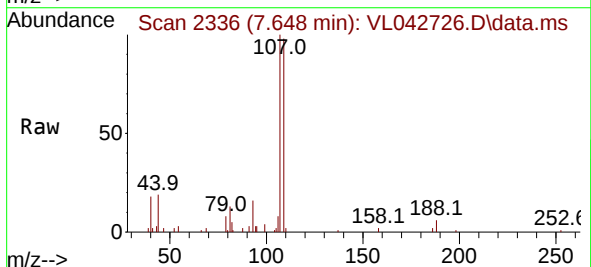
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

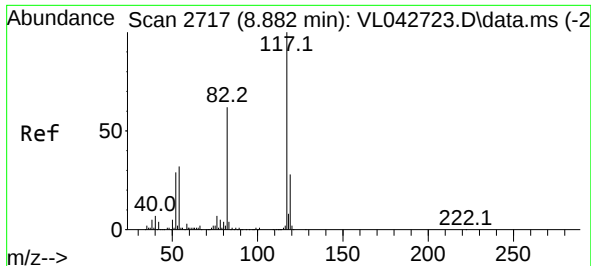
Tgt Ion: 91 Resp: 15909
Ion Ratio Lower Upper
91 100
92 63.2 48.2 72.4



#54
1,2-Dibromoethane
Concen: 0.314 ppbv
RT: 7.648 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 107 Resp: 5463
Ion Ratio Lower Upper
107 100
109 101.8 72.5 108.7

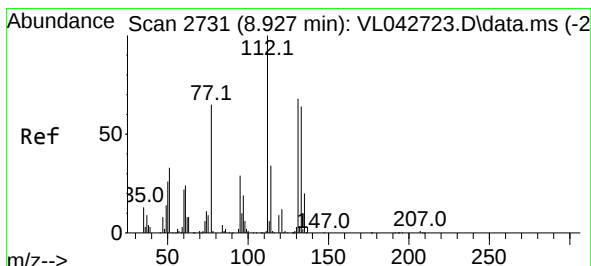
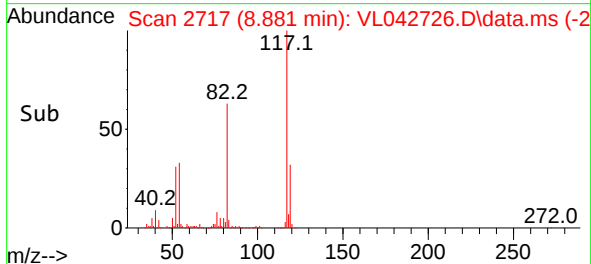
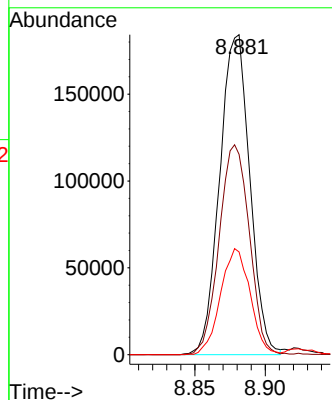
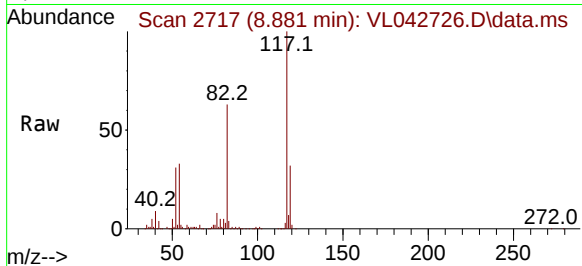




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 2717
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

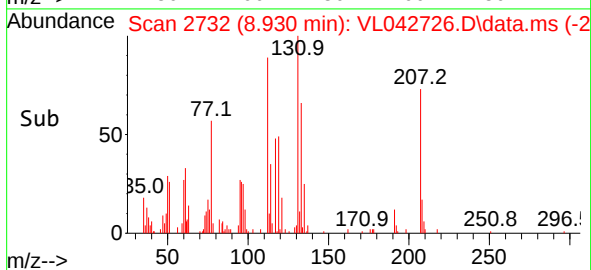
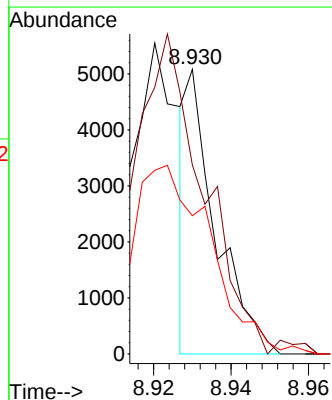
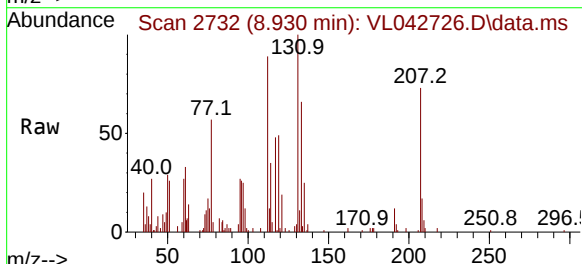
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

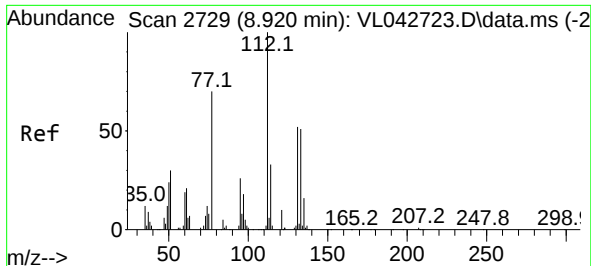
Tgt Ion:117 Resp: 274930
Ion Ratio Lower Upper
117 100
82 65.9 54.6 81.8
119 34.2 25.3 37.9



#56
1,1,1,2-Tetrachloroethane
Concen: 0.177 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion:131 Resp: 2625
Ion Ratio Lower Upper
131 100
133 0.0 77.4 116.0#
119 0.0 48.6 73.0#





#57

Chlorobenzene

Concen: 0.201 ppbv

RT: 8.924 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

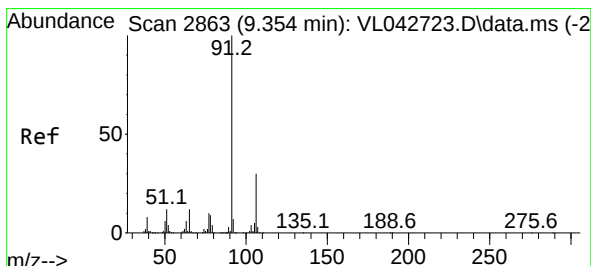
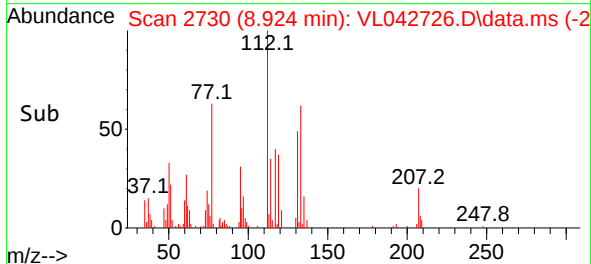
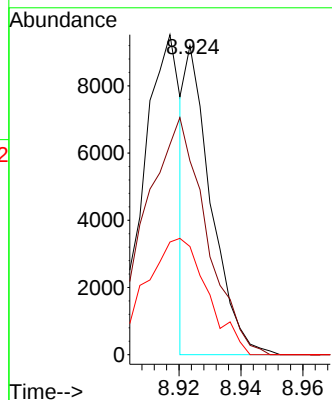
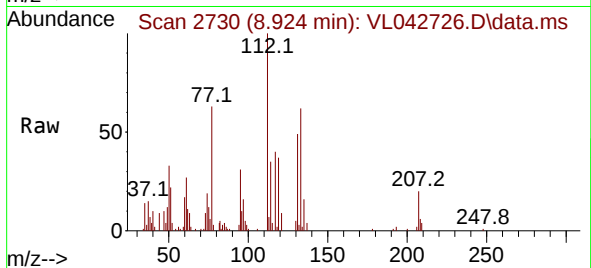
Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:	112	Resp:	5277
Ion	Ratio	Lower	Upper
112	100		
77	62.7	57.2	85.8
114	35.0	29.8	36.4



#58

Ethyl Benzene

Concen: 0.488 ppbv

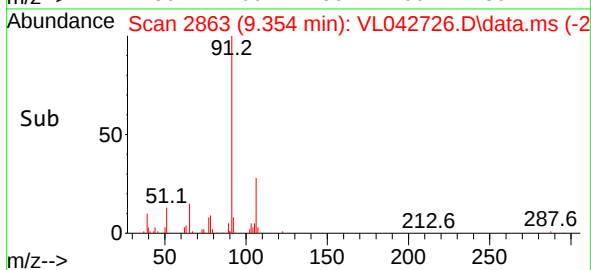
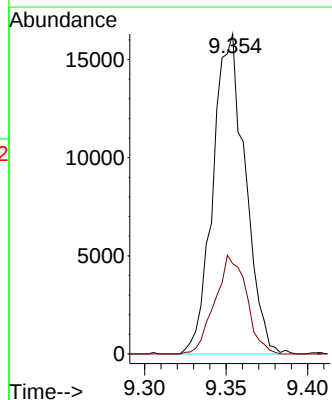
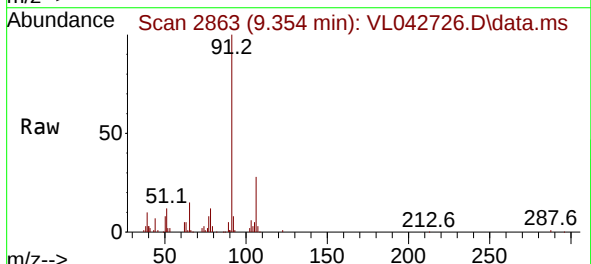
RT: 9.354 min Scan# 2863

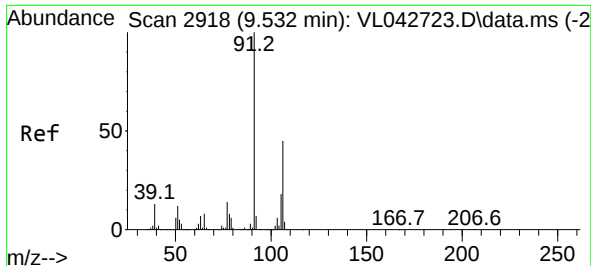
Delta R.T. -0.000 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

Tgt Ion:	91	Resp:	22417
Ion	Ratio	Lower	Upper
91	100		
106	28.2	23.7	35.5





#59

m/p-Xylene

Concen: 0.498 ppbv

RT: 9.529 min Scan# 2917

Delta R.T. -0.003 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

Instrument :

MSVOA_L

ClientSampleId :

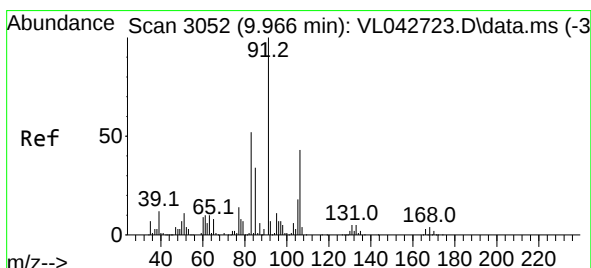
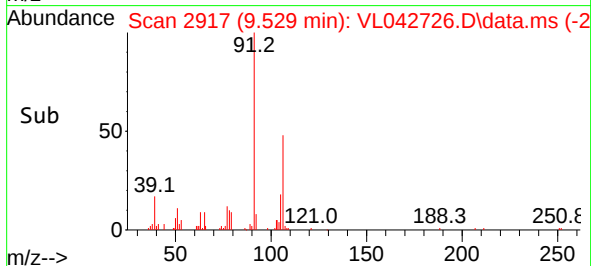
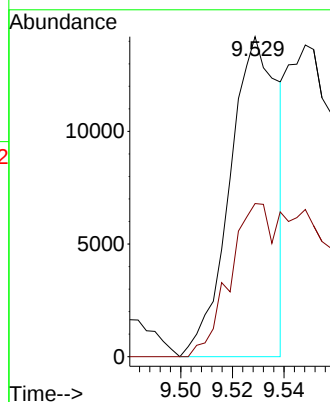
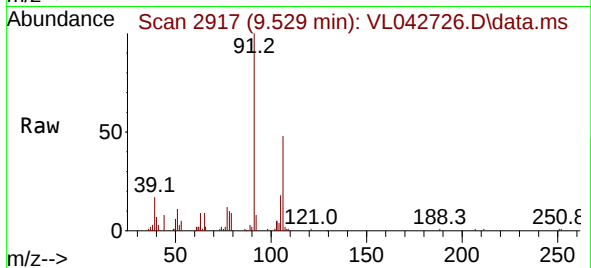
VSTDIC0.5

Tgt Ion: 91 Resp: 18330

Ion Ratio Lower Upper

91 100

106 91.8 37.3 55.9#



#60

o-Xylene

Concen: 0.497 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. -0.007 min

Lab File: VL042726.D

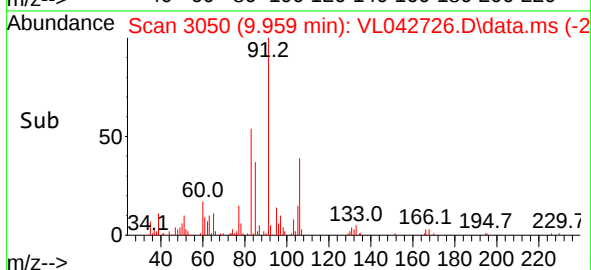
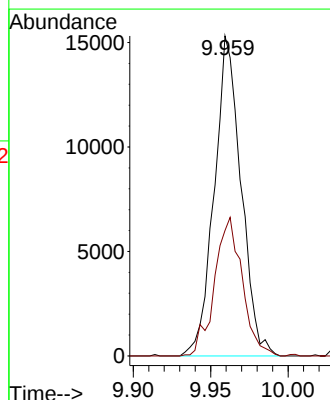
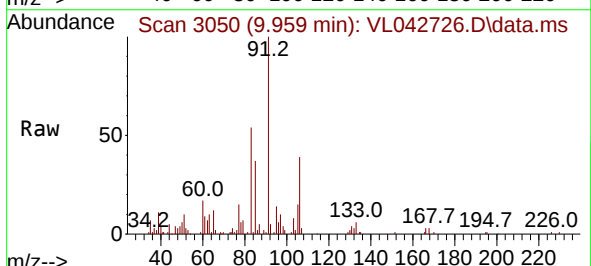
Acq: 22 Jul 2025 10:38

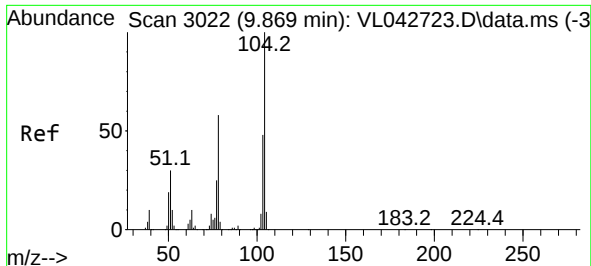
Tgt Ion: 91 Resp: 18428

Ion Ratio Lower Upper

91 100

106 44.9 21.4 64.3

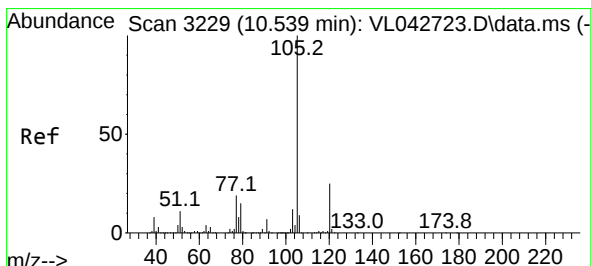
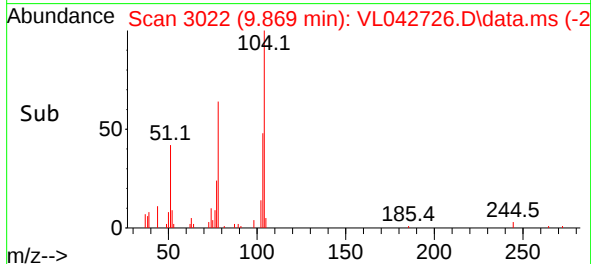
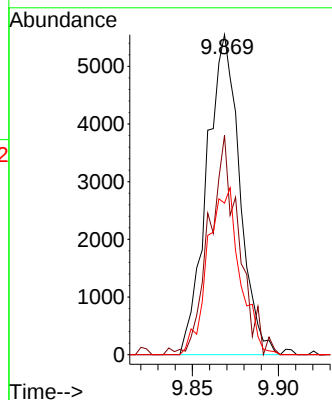
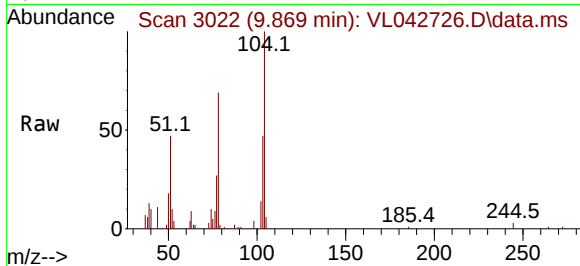




#61
Styrene
Concen: 0.462 ppbv
RT: 9.869 min Scan# 3022
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

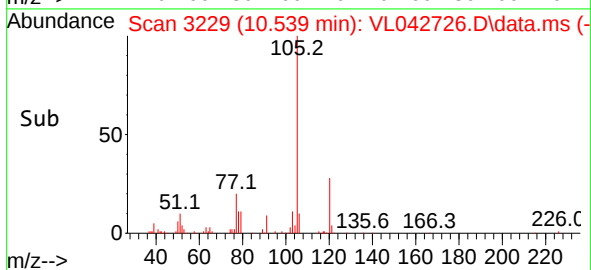
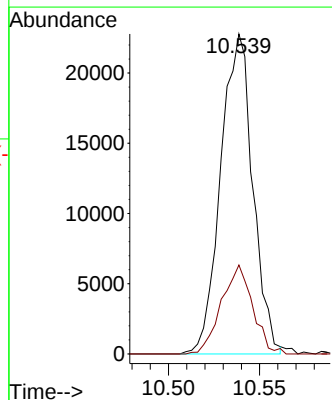
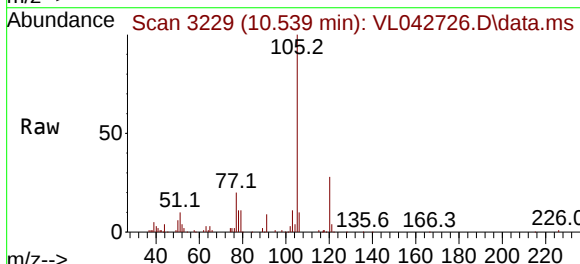
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

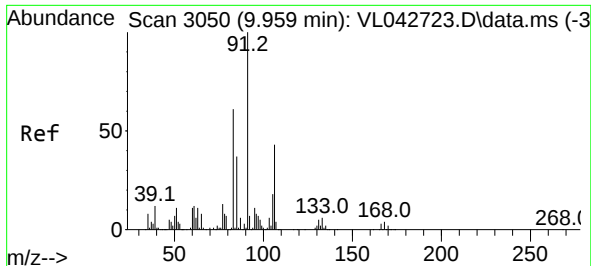
Tgt Ion:104 Resp: 7386
Ion Ratio Lower Upper
104 100
78 62.8 43.4 65.2
103 51.3 37.8 56.6



#62
Isopropylbenzene
Concen: 0.507 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion:105 Resp: 27939
Ion Ratio Lower Upper
105 100
120 27.0 20.2 30.2

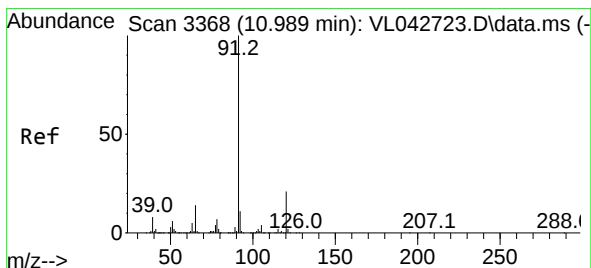
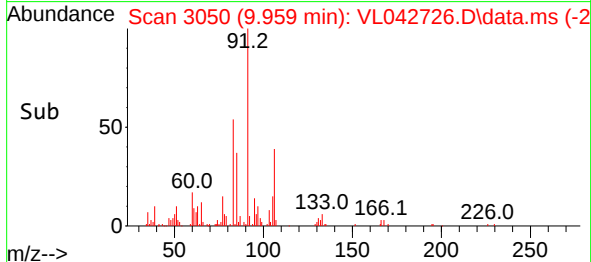
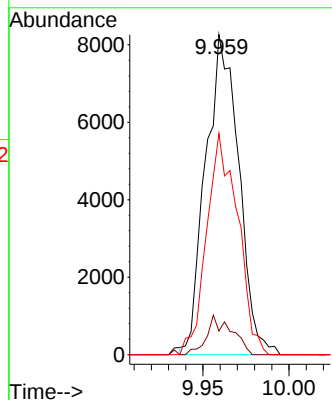
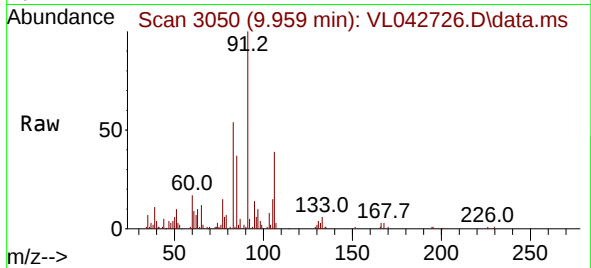




#63
1,1,2,2-Tetrachloroethane
Concen: 0.522 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

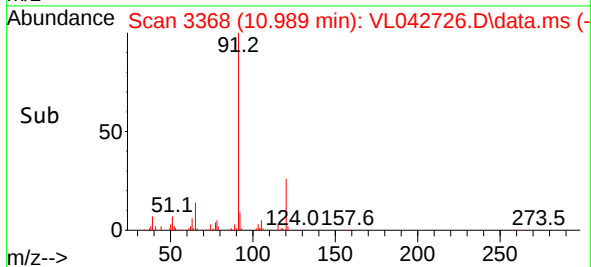
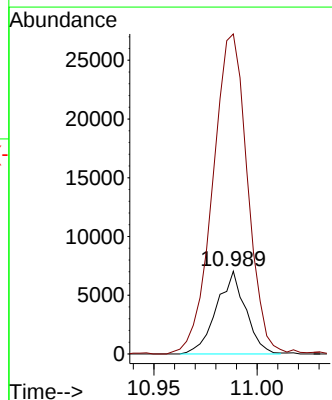
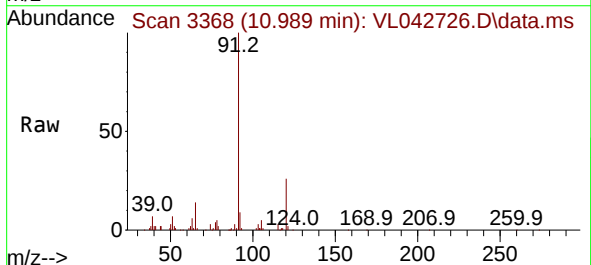
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

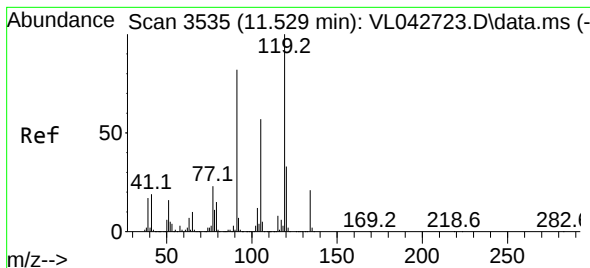
Tgt Ion: 83 Resp: 11062
Ion Ratio Lower Upper
83 100
131 9.5 5.2 15.6
85 64.8 32.1 96.5



#64
n-propylbenzene
Concen: 0.498 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 120 Resp: 6928
Ion Ratio Lower Upper
120 100
91 464.1 377.4 566.0

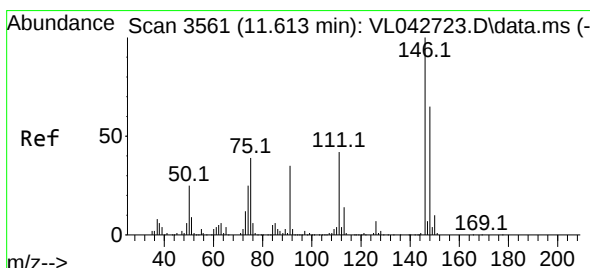
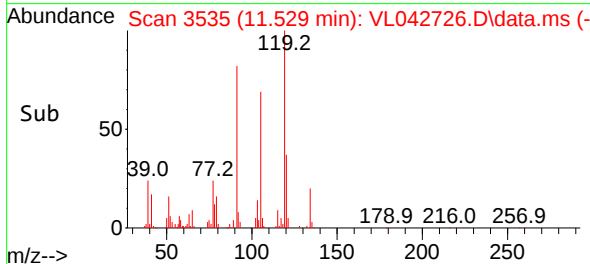
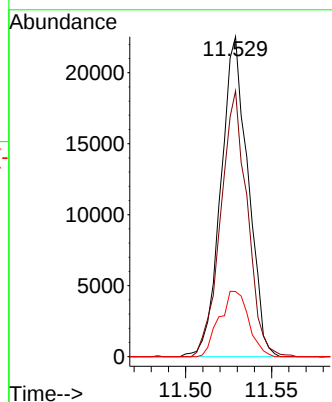
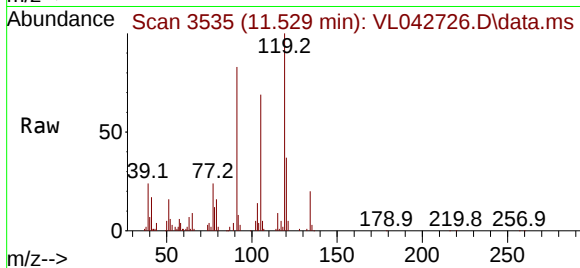




#65
tert-Butylbenzene
Concen: 0.502 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

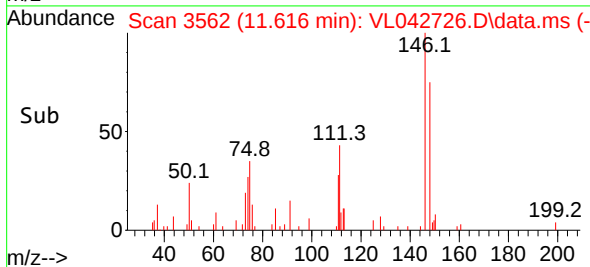
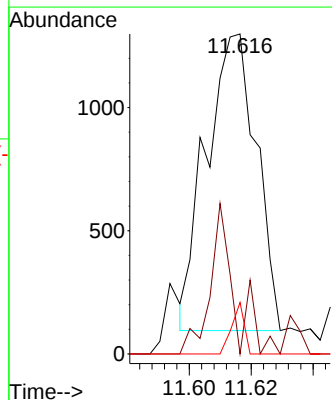
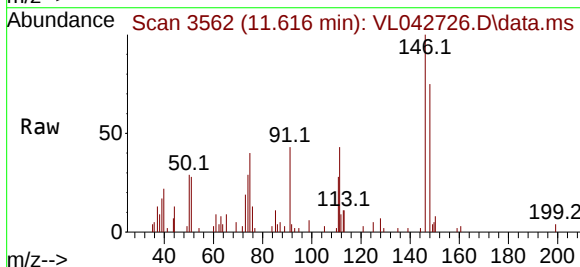
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

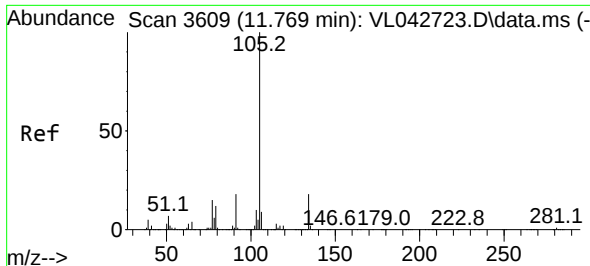
Tgt Ion:	119	Resp:	24755
Ion	Ratio	Lower	Upper
119	100		
91	81.3	66.5	99.7
134	22.1	16.7	25.1



#66
Benzyl Chloride
Concen: 0.289 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. 0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion:	91	Resp:	1356
Ion	Ratio	Lower	Upper
91	100		
126	27.9	15.0	22.4#
128	0.0	5.0	7.6#

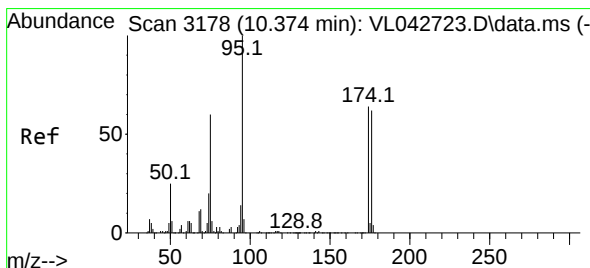
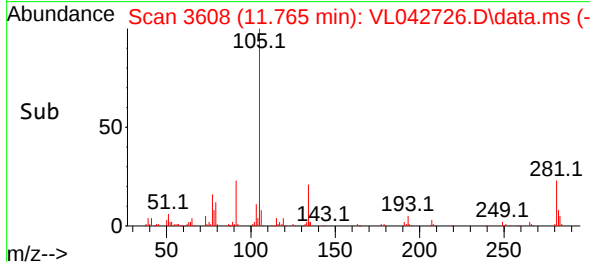
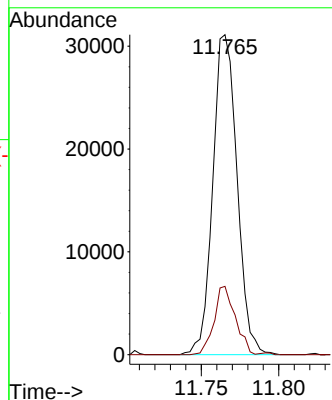
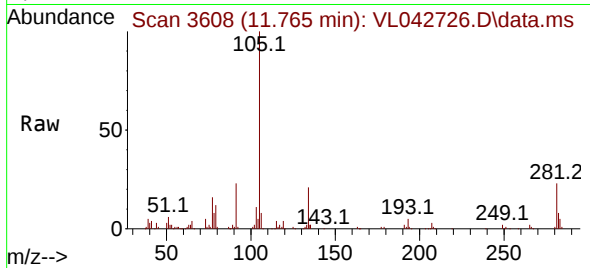




#67
 sec-Butylbenzene
 Concen: 0.500 ppbv
 RT: 11.765 min Scan# 3178
 Delta R.T. -0.003 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

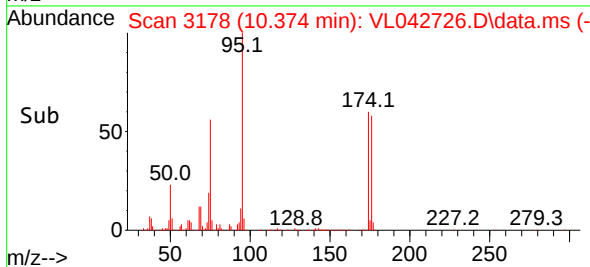
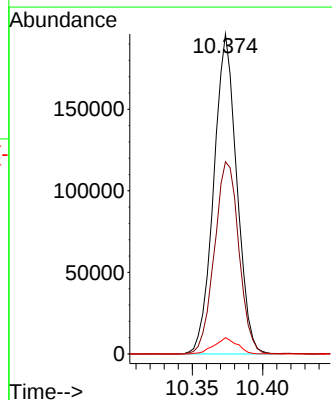
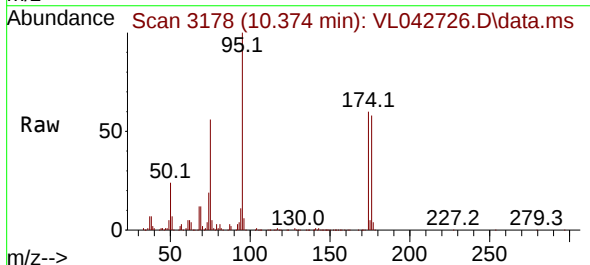
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

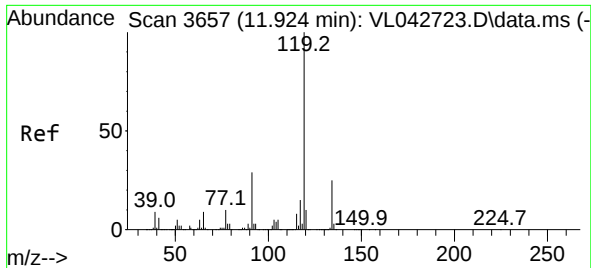
Tgt Ion:105 Resp: 33880
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.0 22.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.058 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. -0.000 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

Tgt Ion: 95 Resp: 223485
 Ion Ratio Lower Upper
 95 100
 174 63.9 51.4 77.2
 175 5.1 4.2 6.4

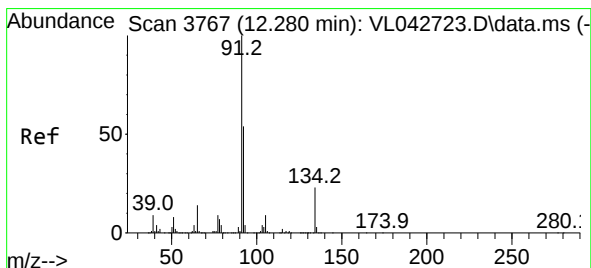
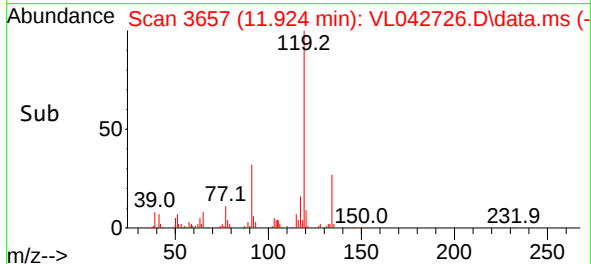
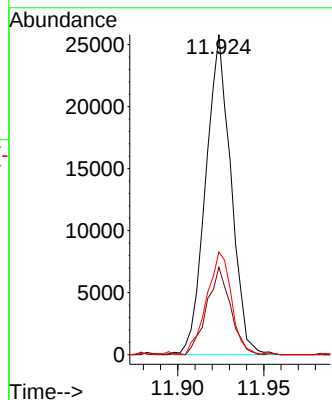
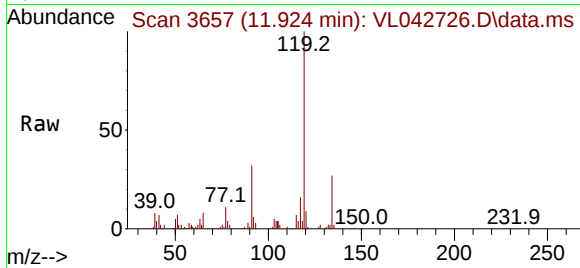




#69
 p-Isopropyltoluene
 Concen: 0.461 ppbv
 RT: 11.924 min Scan# 3657
 Delta R.T. -0.000 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

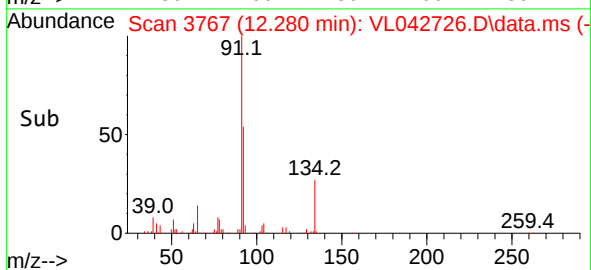
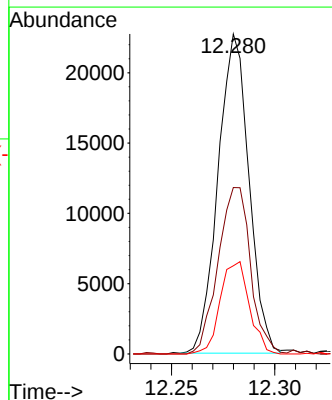
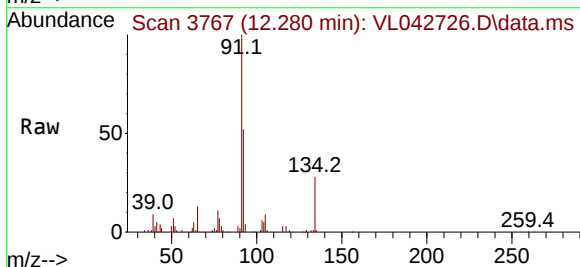
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

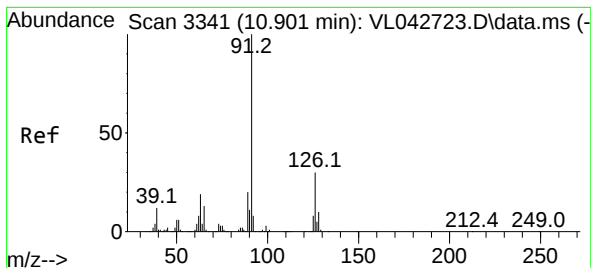
Tgt Ion:	119	Resp:	26183
Ion	Ratio	Lower	Upper
119	100		
134	26.2	19.8	29.6
91	32.2	23.9	35.9



#70
 n-Butylbenzene
 Concen: 0.435 ppbv
 RT: 12.280 min Scan# 3767
 Delta R.T. -0.000 min
 Lab File: VL042726.D
 Acq: 22 Jul 2025 10:38

Tgt Ion:	91	Resp:	23607
Ion	Ratio	Lower	Upper
91	100		
92	55.6	43.2	64.8
134	27.4	19.0	28.6

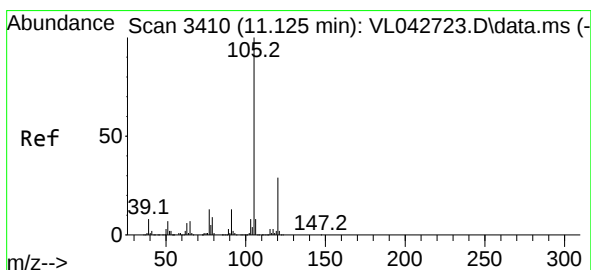
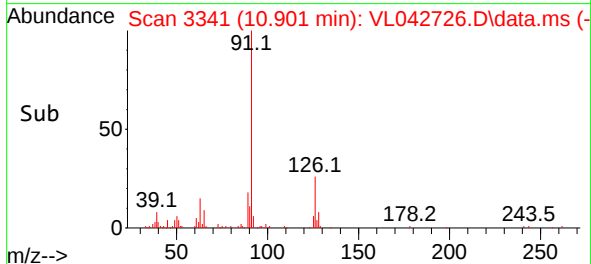
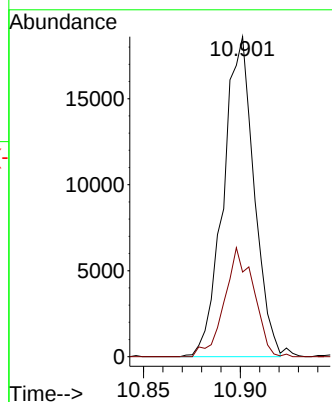
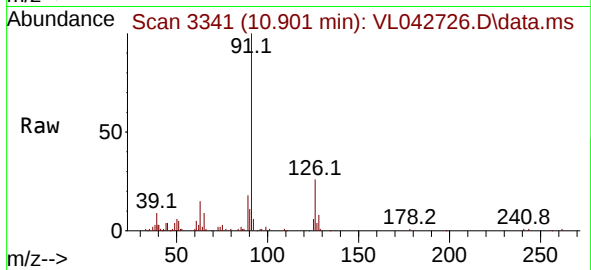




#71
2-Chlorotoluene
Concen: 0.490 ppbv
RT: 10.901 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

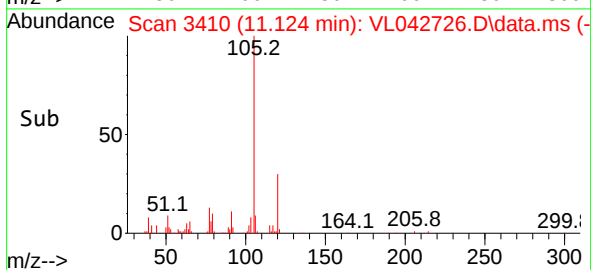
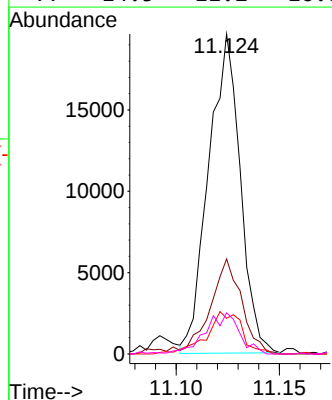
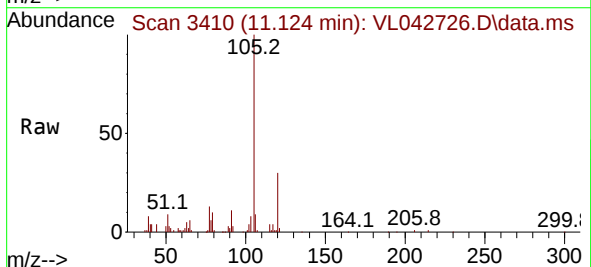
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

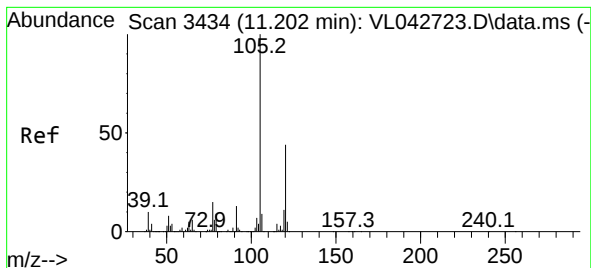
Tgt Ion: 91 Resp: 20494
Ion Ratio Lower Upper
91 100
126 32.6 11.6 46.4



#72
4-Ethyltoluene
Concen: 0.473 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion: 105 Resp: 20910
Ion Ratio Lower Upper
105 100
120 30.9 23.4 35.0
91 15.0 10.6 15.8
77 14.5 11.2 16.8





#73

1,3,5-Trimethylbenzene

Concen: 0.455 ppbv

RT: 11.202 min Scan# 3434

Delta R.T. -0.000 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

Instrument :

MSVOA_L

ClientSampleId :

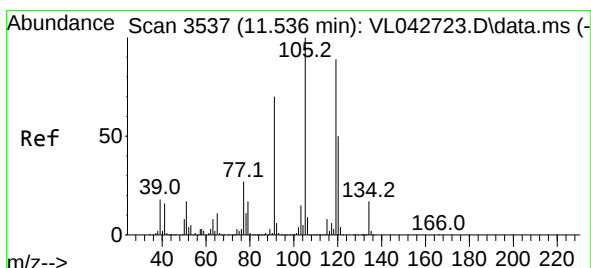
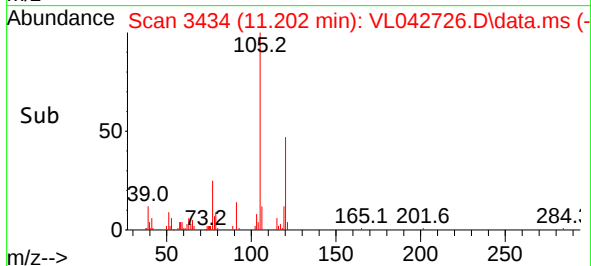
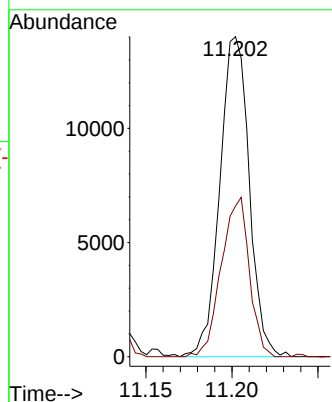
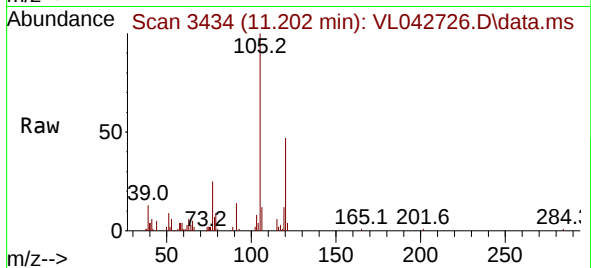
VSTDIC0.5

Tgt Ion:105 Resp: 16638

Ion Ratio Lower Upper

105 100

120 47.1 35.2 52.8



#74

1,2,4-Trimethylbenzene

Concen: 0.478 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.003 min

Lab File: VL042726.D

Acq: 22 Jul 2025 10:38

Tgt Ion:105 Resp: 19202

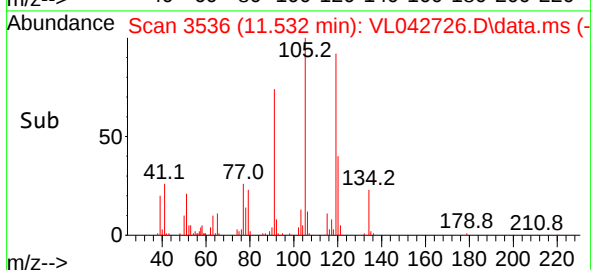
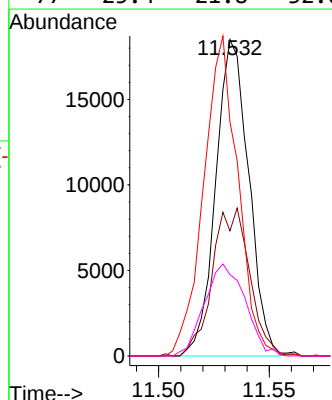
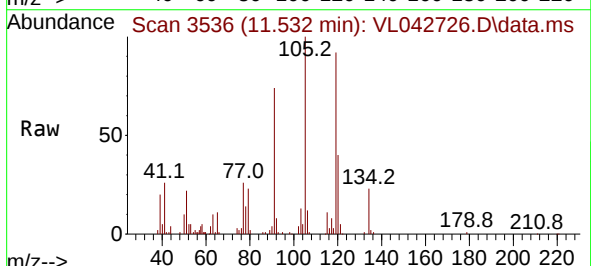
Ion Ratio Lower Upper

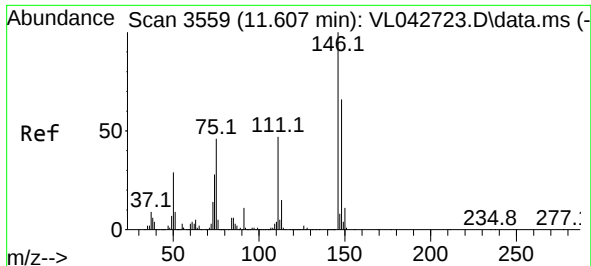
105 100

120 39.6 39.9 59.9#

91 73.1 56.5 84.7

77 25.4 21.8 32.6

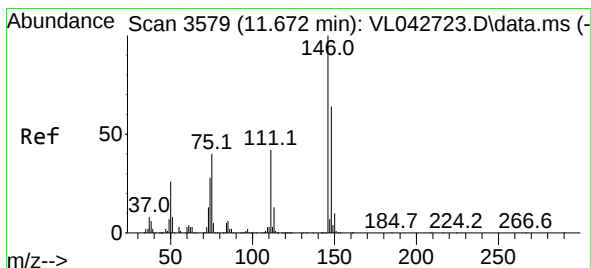
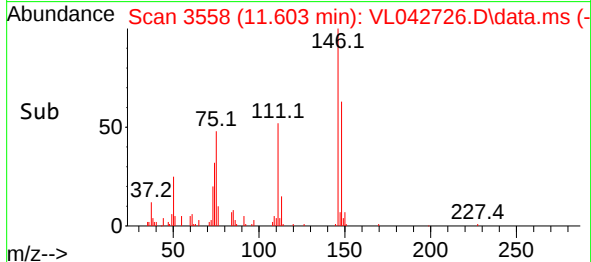
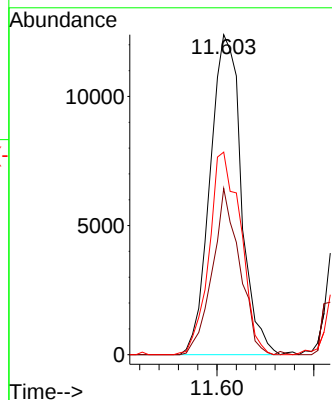
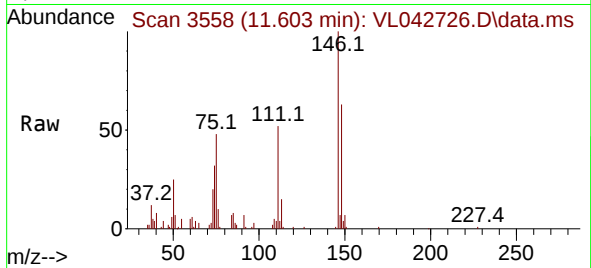




#75
1,3-Dichlorobenzene
Concen: 0.516 ppbv
RT: 11.603 min Scan# 3558
Delta R.T. -0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

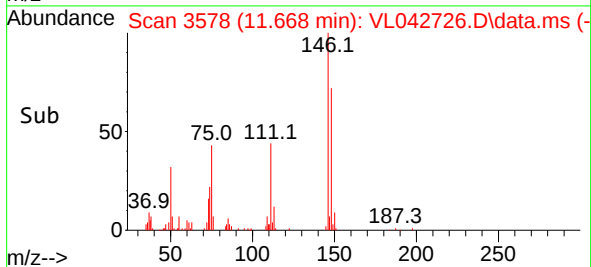
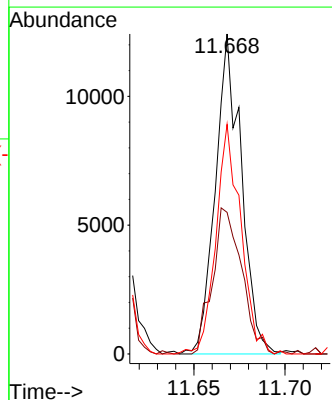
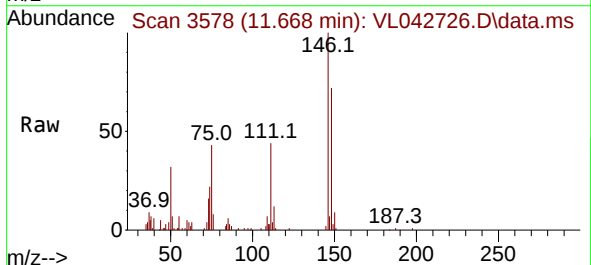
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

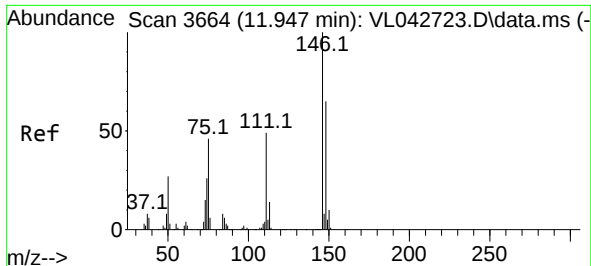
Tgt Ion:146 Resp: 13841
Ion Ratio Lower Upper
146 100
111 45.6 23.5 70.5
148 64.1 32.6 98.0



#76
1,4-Dichlorobenzene
Concen: 0.473 ppbv
RT: 11.668 min Scan# 3578
Delta R.T. -0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion:146 Resp: 12275
Ion Ratio Lower Upper
146 100
111 52.3 22.1 66.1
148 69.0 32.1 96.5

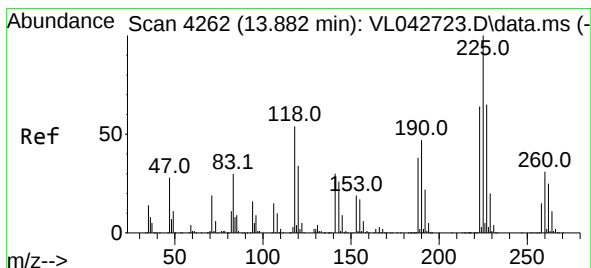
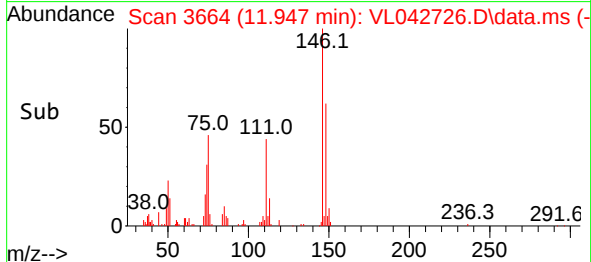
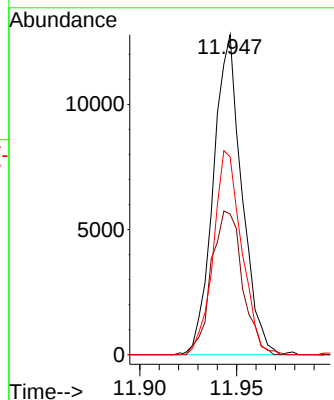
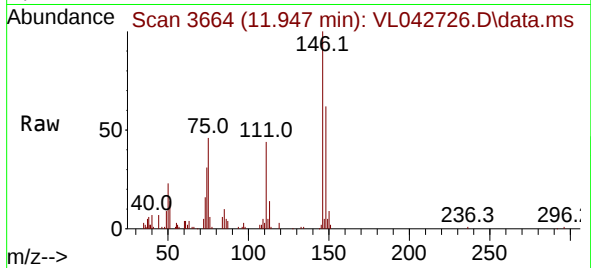




#77
1,2-Dichlorobenzene
Concen: 0.508 ppbv
RT: 11.947 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

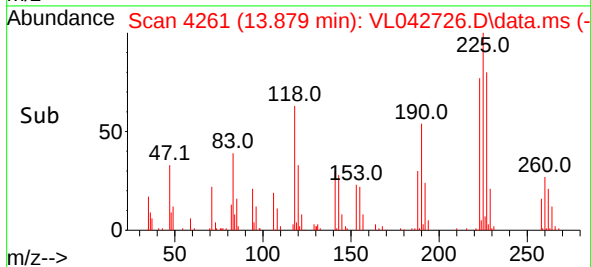
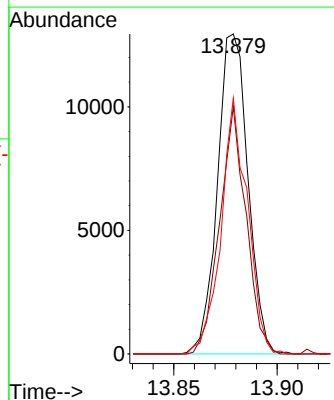
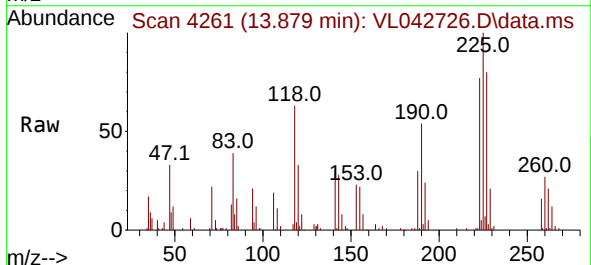
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

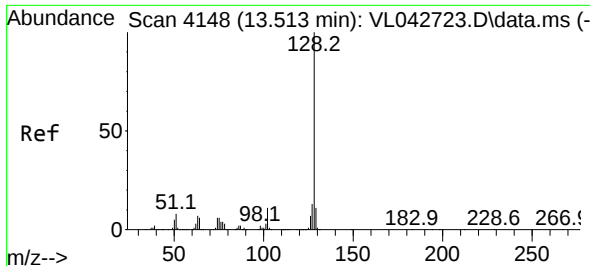
Tgt Ion:146 Resp: 13083
Ion Ratio Lower Upper
146 100
111 49.1 24.9 74.6
148 63.2 32.0 96.0



#78
Hexachloro-1,3-Butadiene
Concen: 0.532 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. -0.003 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion:225 Resp: 13316
Ion Ratio Lower Upper
225 100
223 67.6 51.3 76.9
227 69.3 51.8 77.8

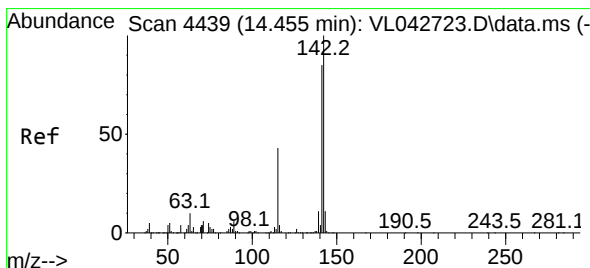
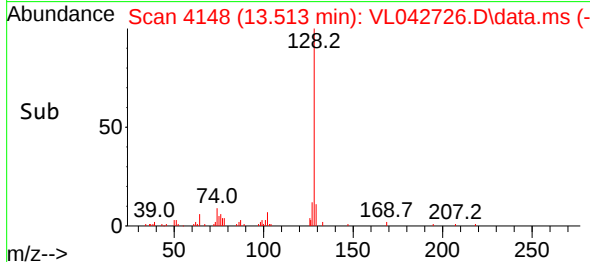
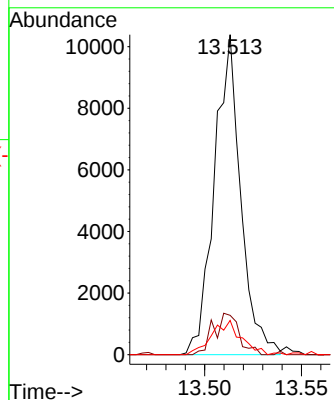
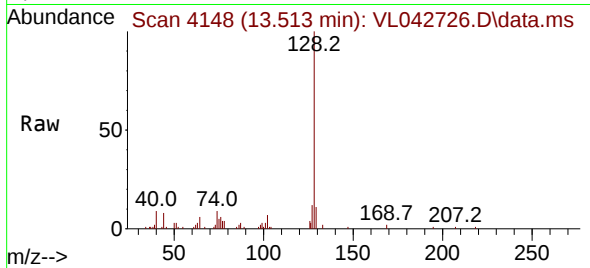




#79
Naphthalene
Concen: 0.328 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. -0.000 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

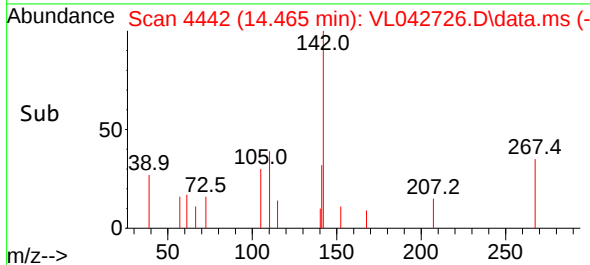
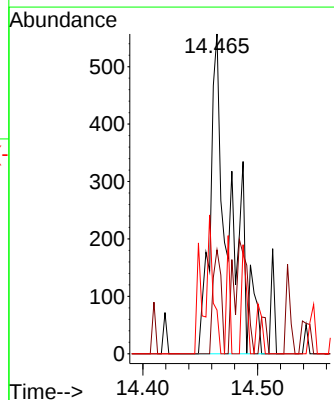
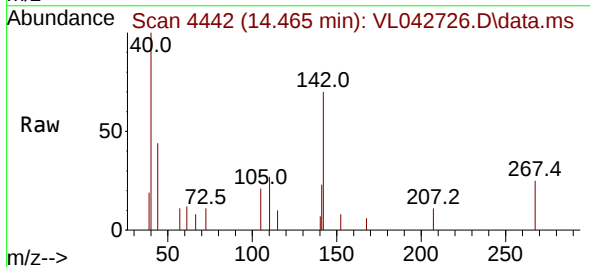
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

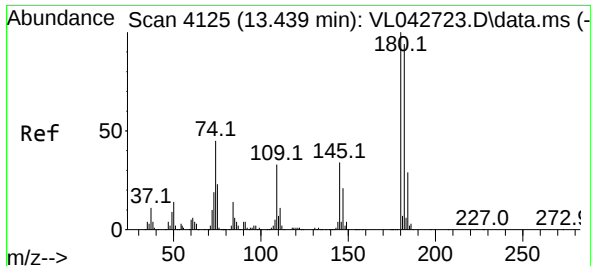
Tgt Ion:	128	Resp:	9818
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	10.7	8.6	13.0



#80
Naphthalene, 2-methyl-
Concen: 0.070 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.010 min
Lab File: VL042726.D
Acq: 22 Jul 2025 10:38

Tgt Ion:	142	Resp:	693
Ion	Ratio	Lower	Upper
142	100		
141	12.7	65.6	98.4#
115	20.5	31.7	47.5#





#81

1,2,4-Trichlorobenzene

Concen: 0.296 ppbv

RT: 13.435 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042726.D

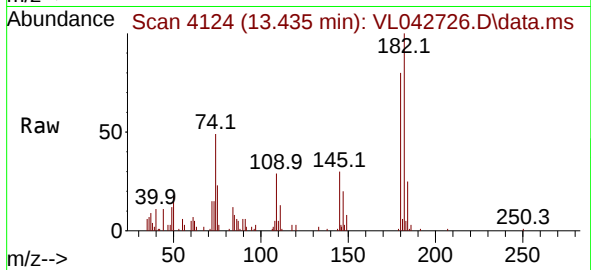
Acq: 22 Jul 2025 10:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion:	180	Resp:	5425
Ion Ratio	Lower	Upper	
180	100		
182	108.9	77.1	115.7
184	33.7	25.0	37.4

