

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051225\
 Data File : VL042527.D
 Acq On : 12 May 2025 10:07
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Quant Time: May 12 23:47:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon May 12 23:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	109943	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	312995	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	265845	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	231970	10.029	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.492	85	17243	0.966	ppbv	93
3) Chlorodifluoromethane	1.470	51	18021	0.990	ppbv	99
4) Chloromethane	1.528	50	7338	1.007	ppbv	89
5) Vinyl Chloride	1.576	62	6995	0.938	ppbv	100
6) Bromomethane	1.664	94	3506	0.990	ppbv	95
7) Chloroethane	1.699	64	3333	1.136	ppbv #	86
8) Dichlorotetrafluoroethane	1.551	85	15232	0.992	ppbv	94
9) Propene	1.479	41	4688	1.186	ppbv #	1
10) Heptane	4.968	43	7322	0.486	ppbv #	41
11) Trichlorofluoromethane	1.871	101	16718	0.974	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.133	101	13472	0.977	ppbv	100
13) Ethanol	1.719	45	1315	1.219	ppbv	66
14) Bromoethene	1.777	108	5081	1.010	ppbv #	98
15) Acetone	1.832	43	18790	1.070	ppbv	95
16) 1,3-Butadiene	1.606	39	7620	0.965	ppbv	100
17) tert-Butyl alcohol	2.039	59	16785	1.034	ppbv	95
18) 1,1-Dichloroethene	2.030	96	5957	0.985	ppbv	89
19) Isopropyl Alcohol	1.884	45	9238	0.968	ppbv #	95
20) Methylene Chloride	2.055	84	6343	1.037	ppbv	95
21) Allyl Chloride	2.091	41	12028	1.034	ppbv	100
22) trans-1,2-Dichloroethene	2.334	96	7150	1.011	ppbv	95
23) Vinyl Acetate	2.457	43	16789	0.913	ppbv #	90
24) 1,1-Dichloroethane	2.402	63	13728	1.003	ppbv	97
25) Ethyl Acetate	2.832	43	28045	0.909	ppbv	98
26) Hexane	2.819	57	11972	0.945	ppbv	95
27) Carbon Disulfide	2.146	76	16011	0.979	ppbv #	1
28) Methyl tert-Butyl Ether	2.437	73	6789	0.965	ppbv	93
29) Chloroform	2.842	83	26959	1.026	ppbv	87
30) Cyclohexane	3.845	84	5478	0.527	ppbv #	30
31) cis-1,2-Dichloroethene	2.716	61	13267	0.928	ppbv	90
32) 1,1,1-Trichloroethane	3.360	97	25297	0.955	ppbv	96
34) 2-Butanone	2.554	43	20174	0.978	ppbv	100
35) Carbon Tetrachloride	3.755	117	27182	0.966	ppbv	96
36) Benzene	3.648	78	26465	0.954	ppbv	95
37) 1,2-Dichloroethane	3.208	62	20039	1.013	ppbv	98
38) Trichloroethene	4.541	130	4359	0.368	ppbv	92
39) 1,2-Dichloropropane	4.308	63	9362	0.907	ppbv	86
40) 1,4-Dioxane	4.583	88	1896	0.461	ppbv #	22
41) Tetrahydrofuran	3.056	42	7944	0.893	ppbv	97
42) Bromodichloromethane	4.480	83	23829	0.904	ppbv #	87
43) Methyl Methacrylate	4.865	69	3789	0.409	ppbv #	1
44) 2,2,4-Trimethylpentane	4.632	57	40206	0.923	ppbv	96
45) t-1,3-Dichloropropene	6.399	75	2734	0.231	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051225\
 Data File : VL042527.D
 Acq On : 12 May 2025 10:07
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

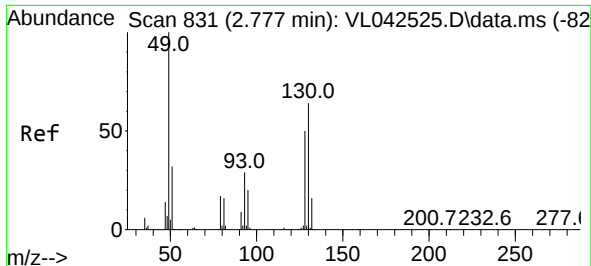
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon May 12 23:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.580	75	6387	0.448	ppbv	92
47) 1,1,2-Trichloroethane	6.571	97	7429	0.611	ppbv	95
48) Dibromochloromethane	7.377	129	19761	0.973	ppbv	97
49) Bromoform	9.474	173	15745	0.944	ppbv	98
50) 4-Methyl-2-Pentanone	5.752	43	11198	0.463	ppbv #	48
51) 2-Hexanone	7.428	43	5497	0.306	ppbv #	31
52) Tetrachloroethene	8.218	164	8047	0.753	ppbv #	78
53) Toluene	6.923	91	13979	0.514	ppbv #	51
54) 1,2-Dibromoethane	7.642	107	12101	0.681	ppbv	82
56) 1,1,1,2-Tetrachloroethane	8.914	131	16650	1.010	ppbv #	1
57) Chlorobenzene	8.914	112	25980	0.973	ppbv	94
58) Ethyl Benzene	9.348	91	19764	0.545	ppbv	94
59) m/p-Xylene	9.542	91	33567	1.041	ppbv #	100
60) o-Xylene	9.956	91	26834	0.854	ppbv	95
61) Styrene	9.862	104	9259	0.800	ppbv	97
62) Isopropylbenzene	10.532	105	41504	0.877	ppbv	95
63) 1,1,2,2-Tetrachloroethane	9.956	83	23419	0.930	ppbv	99
64) n-propylbenzene	10.985	120	10433	0.870	ppbv	93
65) tert-Butylbenzene	11.526	119	38176	0.878	ppbv	96
66) Benzyl Chloride	11.607	91	4826	0.839	ppbv #	93
67) sec-Butylbenzene	11.762	105	56638	0.909	ppbv	97
69) p-Isopropyltoluene	11.921	119	44406	0.867	ppbv	96
70) n-Butylbenzene	12.277	91	41878	0.827	ppbv	97
71) 2-Chlorotoluene	10.898	91	30070	0.839	ppbv	98
72) 4-Ethyltoluene	11.121	105	33030	0.847	ppbv #	97
73) 1,3,5-Trimethylbenzene	11.199	105	29442	0.867	ppbv	100
74) 1,2,4-Trimethylbenzene	11.532	105	40544	0.970	ppbv	91
75) 1,3-Dichlorobenzene	11.600	146	26018	0.994	ppbv	97
76) 1,4-Dichlorobenzene	11.665	146	23564	0.947	ppbv	98
77) 1,2-Dichlorobenzene	11.940	146	26975	0.998	ppbv	98
78) Hexachloro-1,3-Butadiene	13.879	225	23824	1.028	ppbv	98
79) Naphthalene	13.510	128	24409	0.846	ppbv #	95
80) Naphthalene,2-methyl-	14.455	142	9088	0.541	ppbv	97
81) 1,2,4-Trichlorobenzene	13.436	180	14600	0.829	ppbv	96

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

Quant Time: May 12 23:47:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M
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QLast Update : Mon May 12 23:42:45 2025
Response via : Initial Calibration

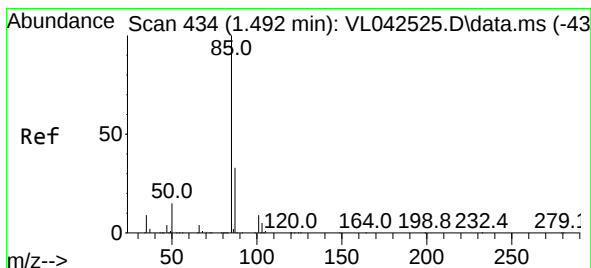
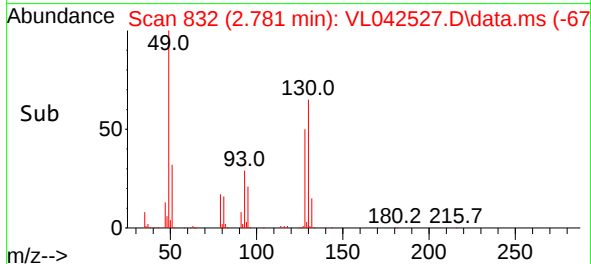
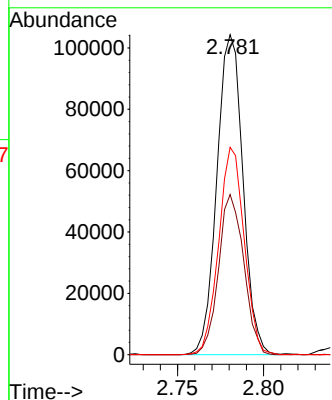
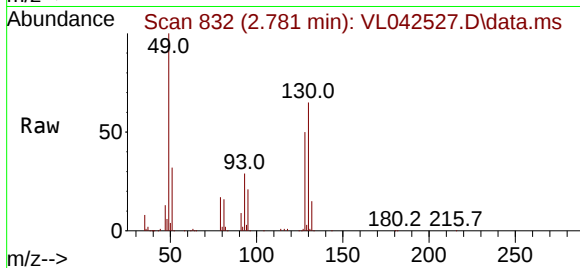




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

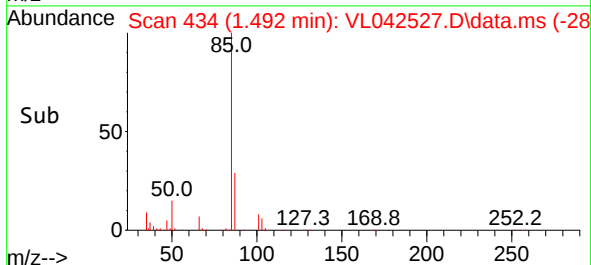
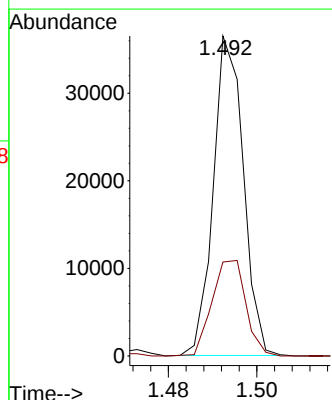
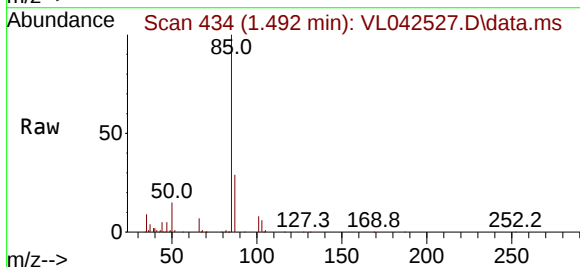
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

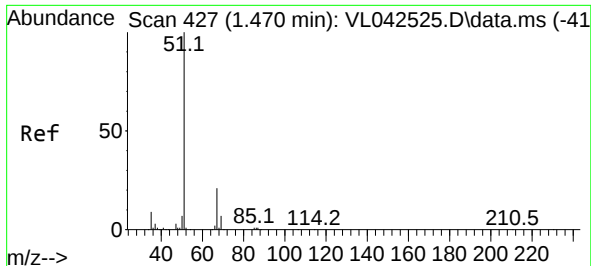
Tgt Ion: 49 Resp: 109943
Ion Ratio Lower Upper
49 100
128 48.5 24.9 74.6
130 63.6 32.5 97.5



#2
Dichlorodifluoromethane
Concen: 0.966 ppbv
RT: 1.492 min Scan# 434
Delta R.T. -0.000 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion: 85 Resp: 17243
Ion Ratio Lower Upper
85 100
87 29.4 26.8 40.2

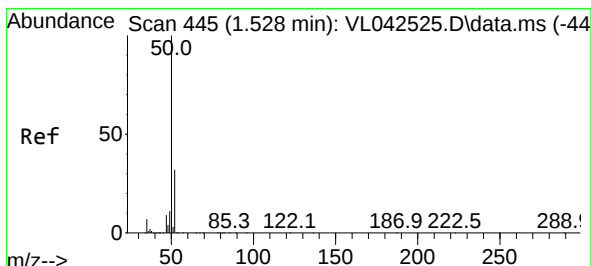
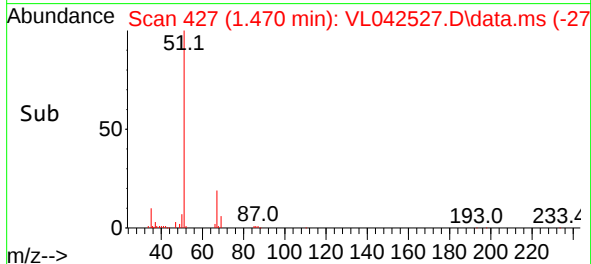
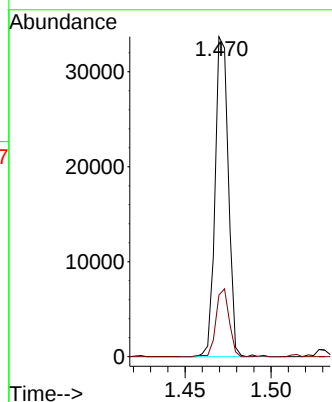
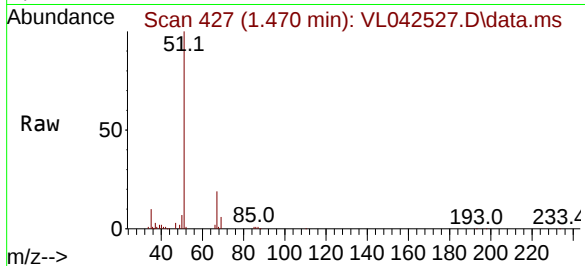




#3
Chlorodifluoromethane
Concen: 0.990 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

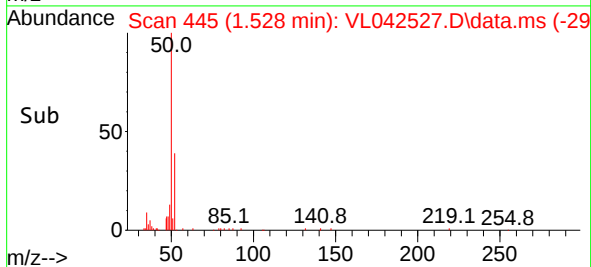
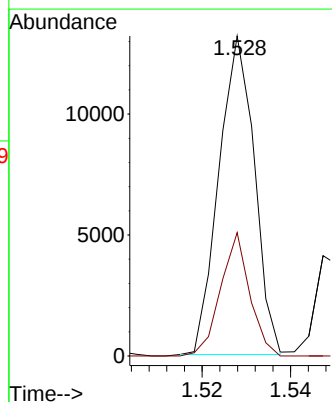
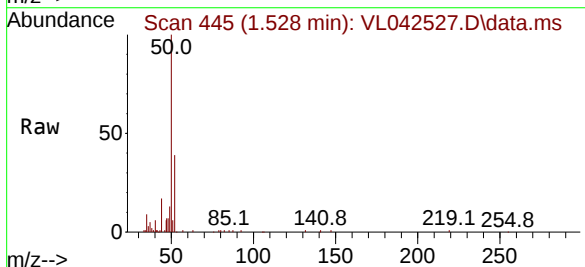
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

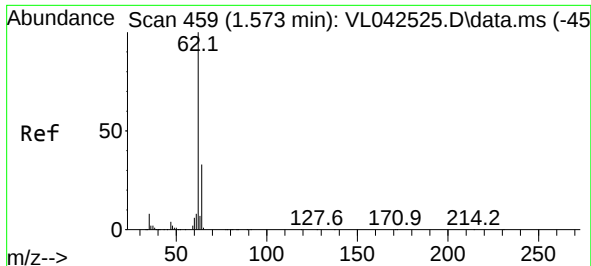
Tgt Ion: 51 Resp: 18021
Ion Ratio Lower Upper
51 100
67 21.2 17.4 26.0



#4
Chloromethane
Concen: 1.007 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.000 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion: 50 Resp: 7338
Ion Ratio Lower Upper
50 100
52 38.7 25.9 38.9

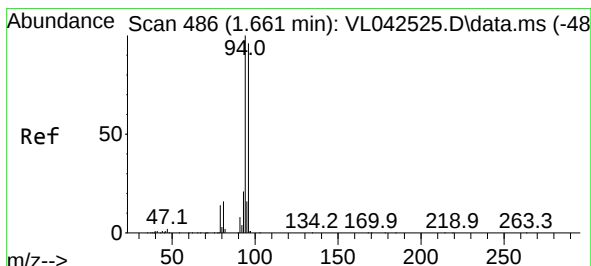
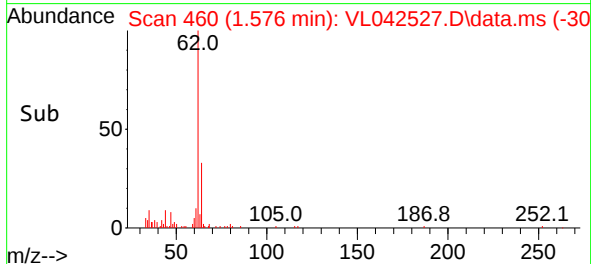
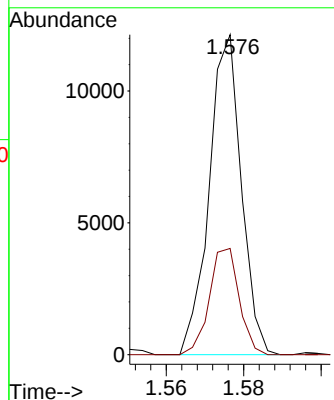
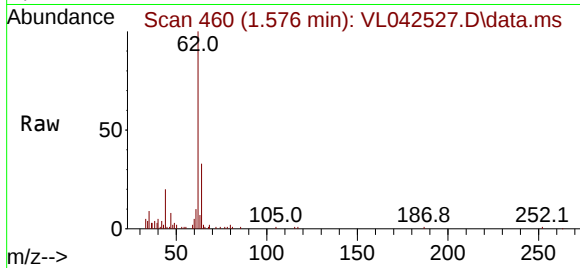




#5
 Vinyl Chloride
 Concen: 0.938 ppbv
 RT: 1.576 min Scan# 459
 Delta R.T. 0.003 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

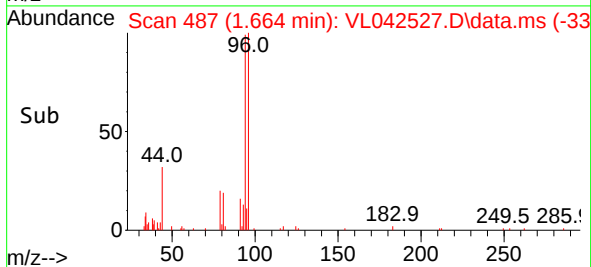
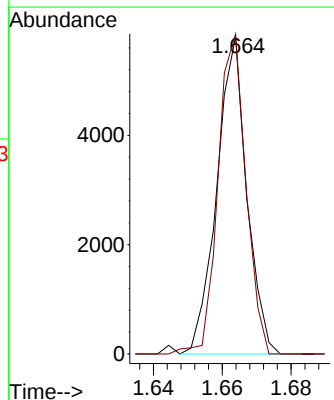
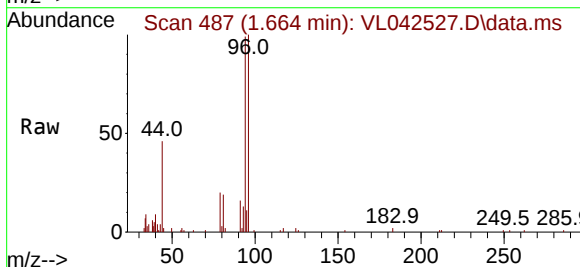
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

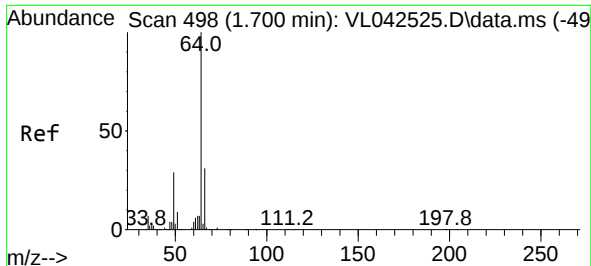
Tgt Ion: 62 Resp: 6995
 Ion Ratio Lower Upper
 62 100
 64 33.2 26.5 39.7



#6
 Bromomethane
 Concen: 0.990 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. 0.003 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

Tgt Ion: 94 Resp: 3506
 Ion Ratio Lower Upper
 94 100
 96 100.9 76.9 115.3

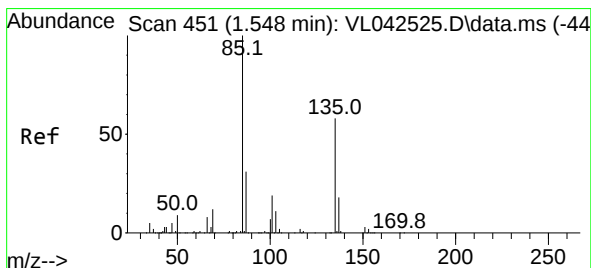
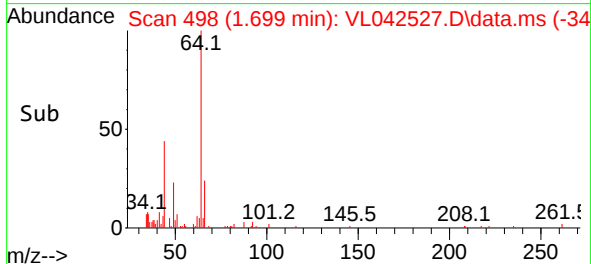
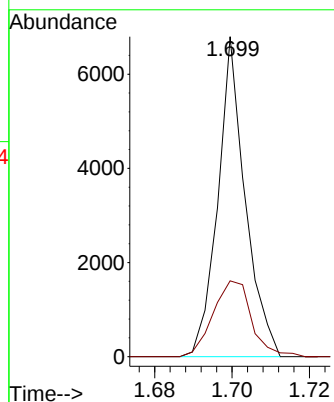
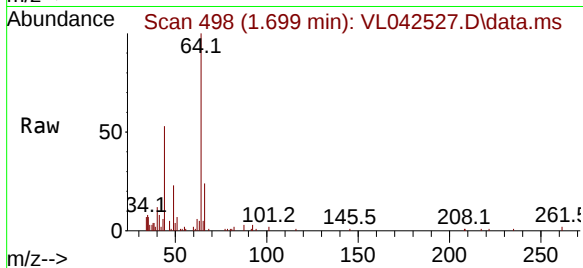




#7
Chloroethane
Concen: 1.136 ppbv
RT: 1.699 min Scan# 498
Delta R.T. -0.000 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

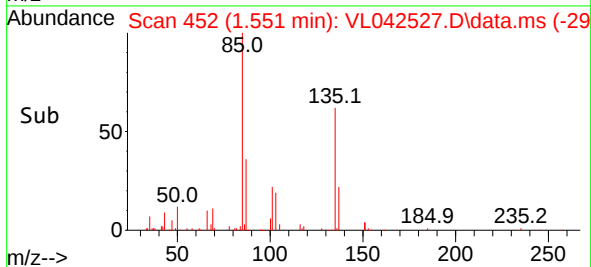
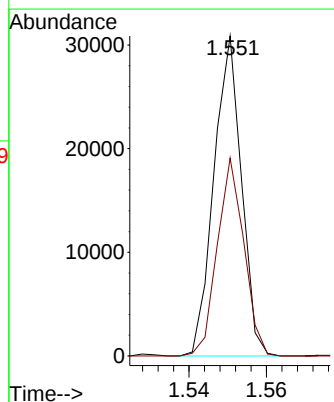
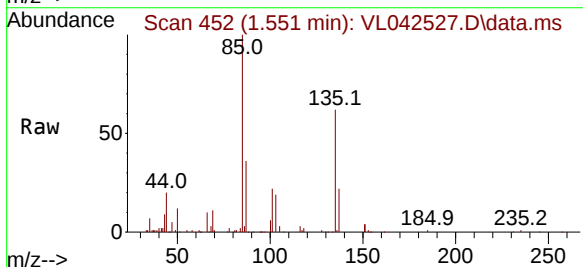
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

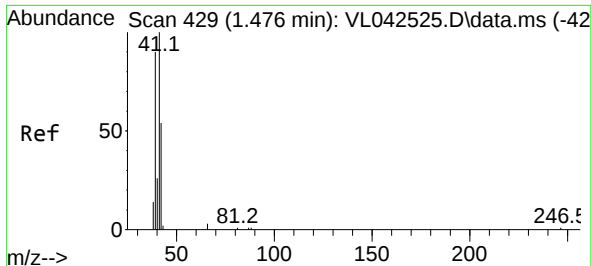
Tgt Ion: 64 Resp: 3333
Ion Ratio Lower Upper
64 100
66 23.7 25.1 37.7#



#8
Dichlorotetrafluoroethane
Concen: 0.992 ppbv
RT: 1.551 min Scan# 452
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion: 85 Resp: 15232
Ion Ratio Lower Upper
85 100
135 60.0 51.8 77.8





#9

Propene

Concen: 1.186 ppbv

RT: 1.479 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Instrument :

MSVOA_L

ClientSampleId :

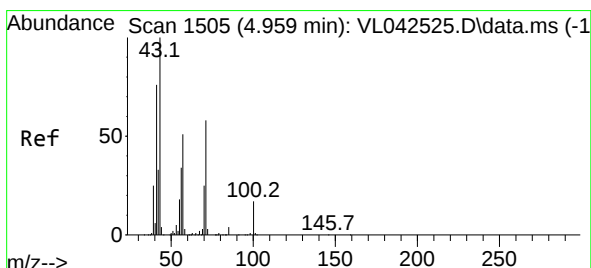
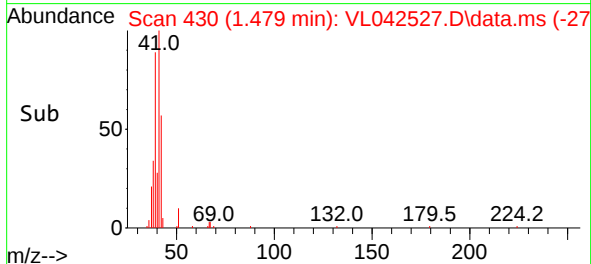
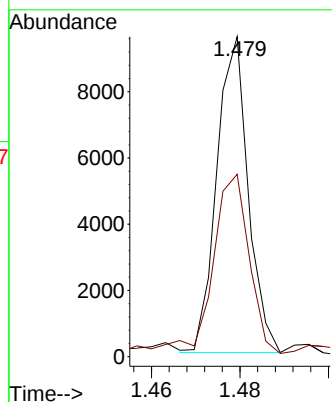
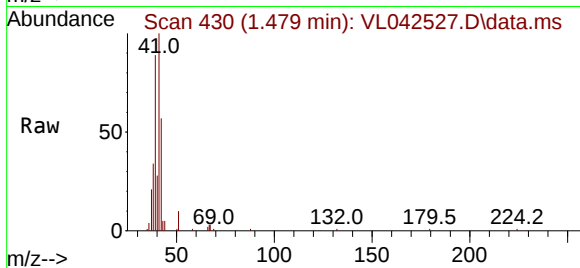
VSTDICC001

Tgt Ion: 41 Resp: 4688

Ion Ratio Lower Upper

41 100

42 78.8 4.1 6.1#



#10

Heptane

Concen: 0.486 ppbv

RT: 4.968 min Scan# 1508

Delta R.T. 0.010 min

Lab File: VL042527.D

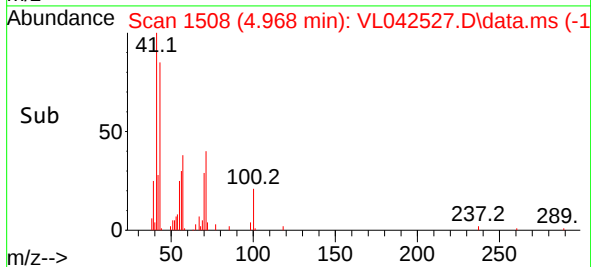
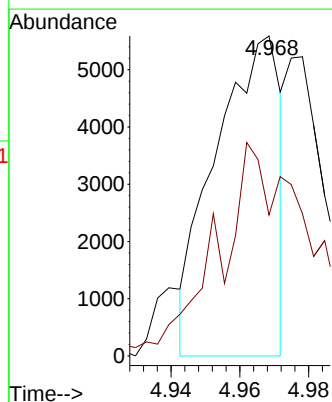
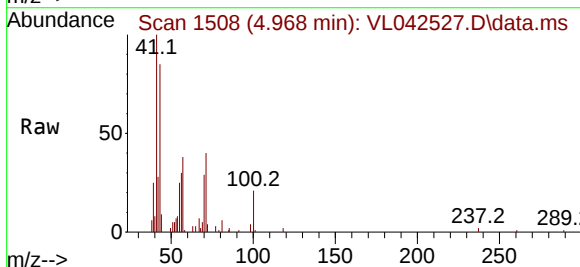
Acq: 12 May 2025 10:07

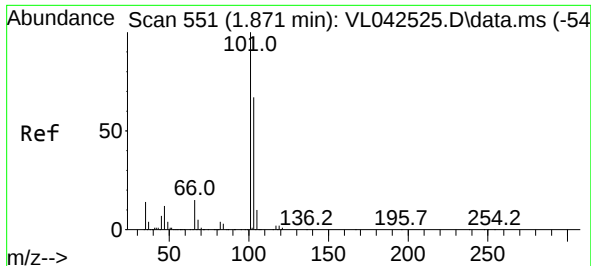
Tgt Ion: 43 Resp: 7322

Ion Ratio Lower Upper

43 100

57 94.1 42.1 63.1#

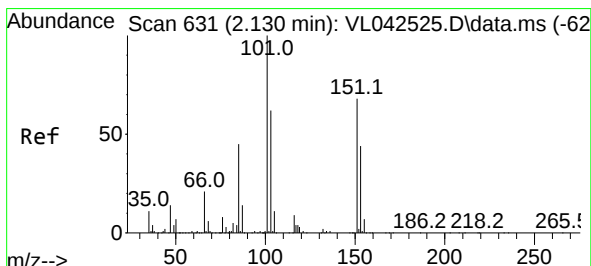
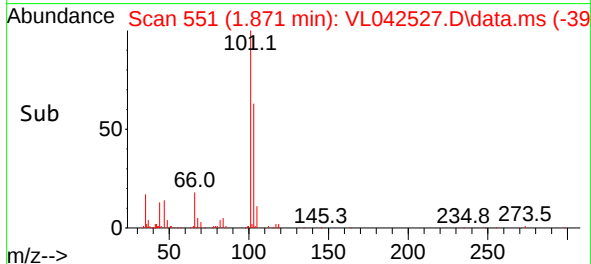
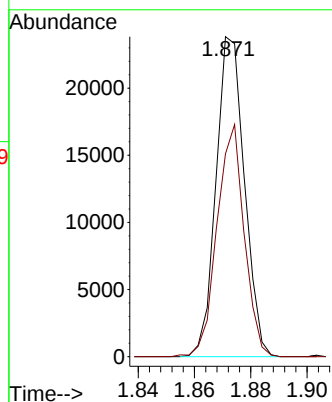
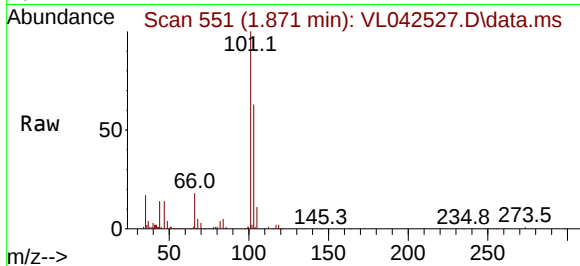




#11
 Trichlorofluoromethane
 Concen: 0.974 ppbv
 RT: 1.871 min Scan# 551
 Delta R.T. -0.000 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

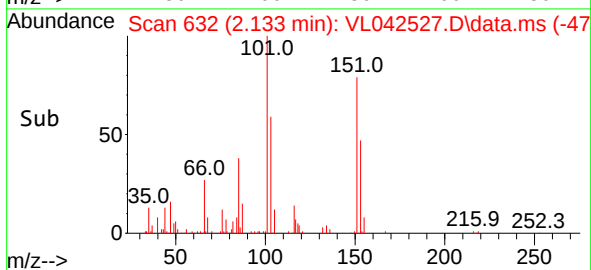
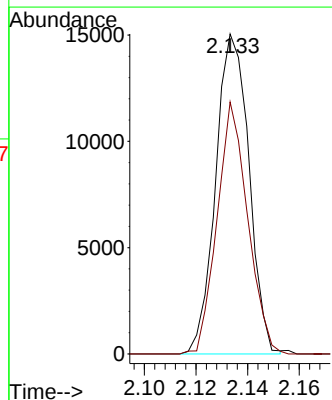
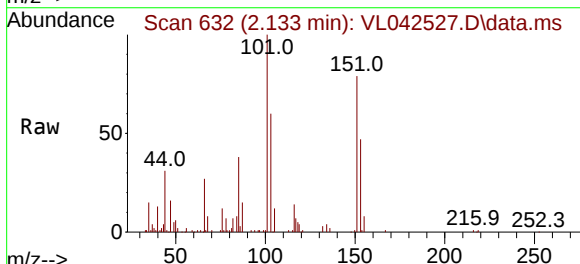
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

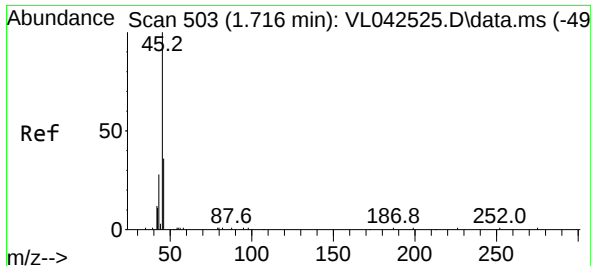
Tgt Ion:101 Resp: 16718
 Ion Ratio Lower Upper
 101 100
 103 63.4 53.8 80.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.977 ppbv
 RT: 2.133 min Scan# 632
 Delta R.T. 0.003 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

Tgt Ion:101 Resp: 13472
 Ion Ratio Lower Upper
 101 100
 151 72.4 57.8 86.8

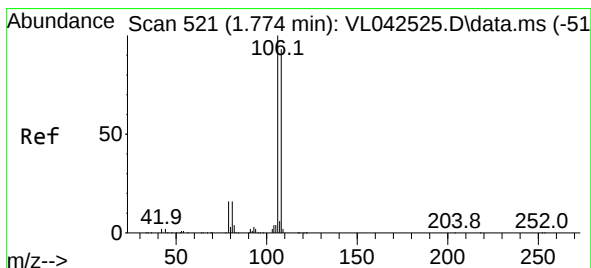
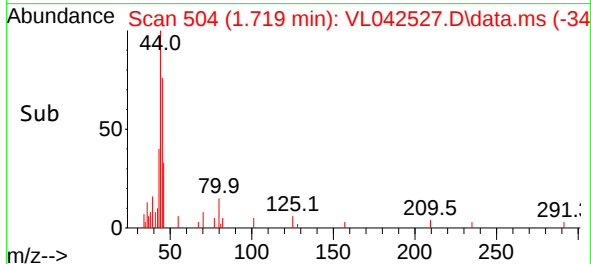
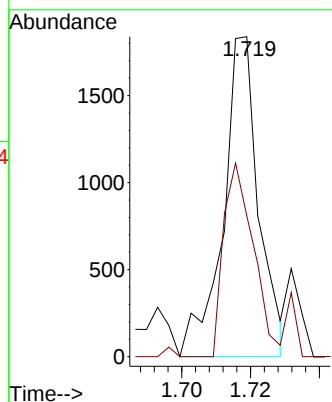
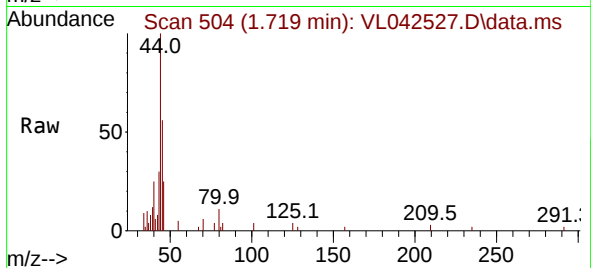




#13
 Ethanol
 Concen: 1.219 ppbv
 RT: 1.719 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

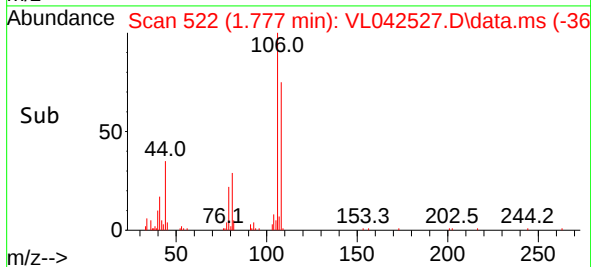
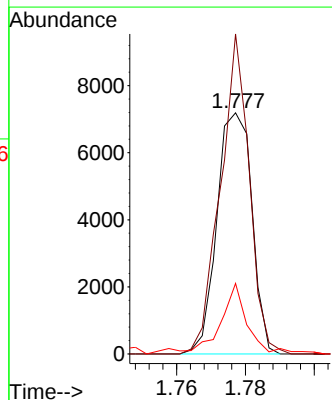
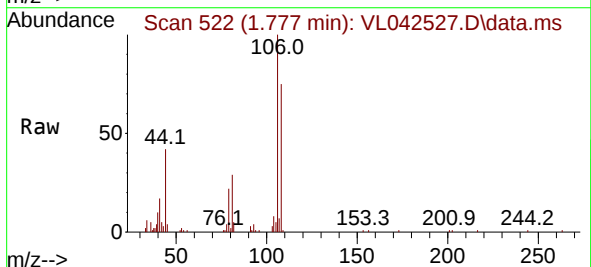
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

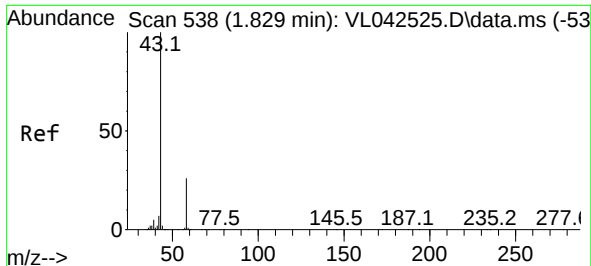
Tgt Ion: 45 Resp: 1315
 Ion Ratio Lower Upper
 45 100
 46 57.5 14.8 59.4



#14
 Bromoethene
 Concen: 1.010 ppbv
 RT: 1.777 min Scan# 522
 Delta R.T. 0.003 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

Tgt Ion: 108 Resp: 5081
 Ion Ratio Lower Upper
 108 100
 106 109.3 87.4 131.2
 79 25.5 15.1 22.7#

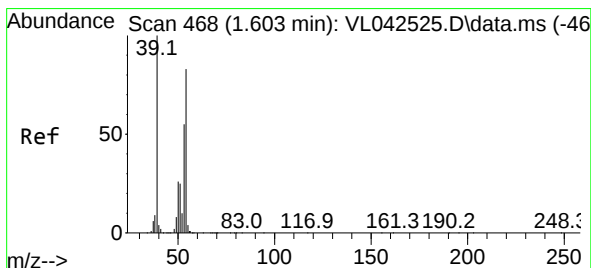
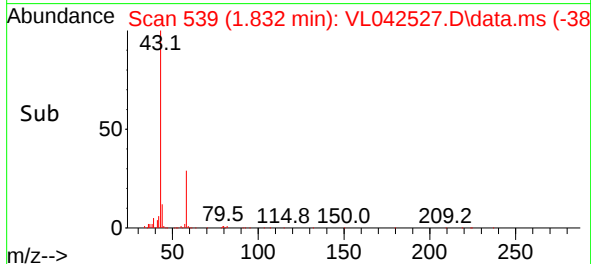
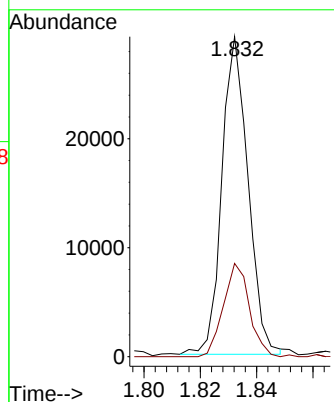
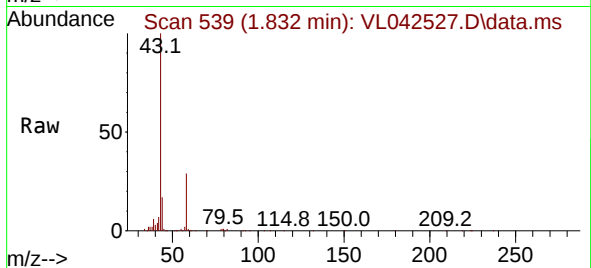




#15
Acetone
Concen: 1.070 ppbv
RT: 1.832 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

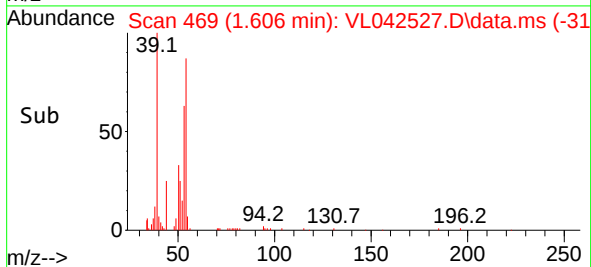
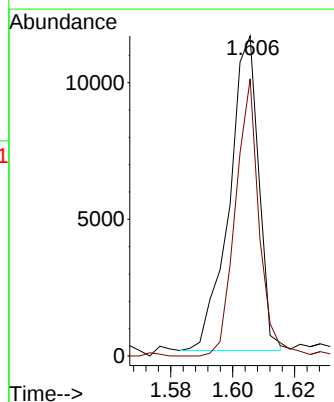
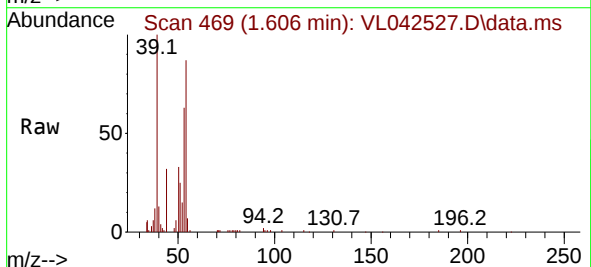
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

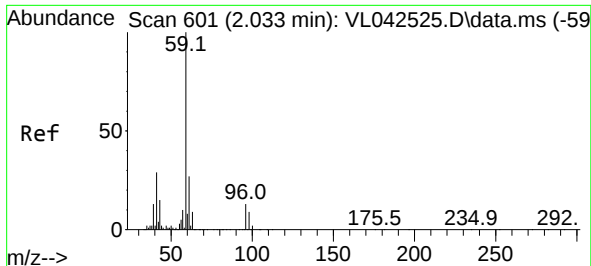
Tgt Ion: 43 Resp: 18790
Ion Ratio Lower Upper
43 100
58 29.3 21.3 31.9



#16
1,3-Butadiene
Concen: 0.965 ppbv
RT: 1.606 min Scan# 469
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion: 39 Resp: 7620
Ion Ratio Lower Upper
39 100
54 72.2 57.8 86.6





#17

tert-Butyl alcohol

Concen: 1.034 ppbv

RT: 2.039 min Scan# 601

Delta R.T. 0.006 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Instrument :

MSVOA_L

ClientSampleId :

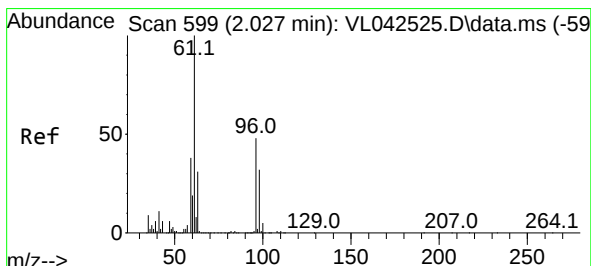
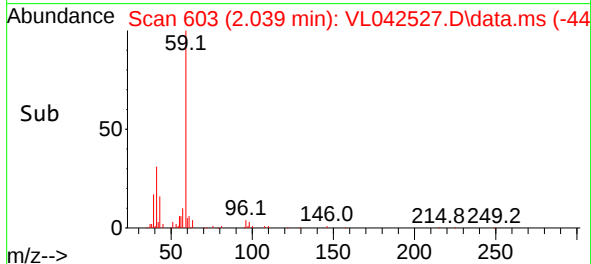
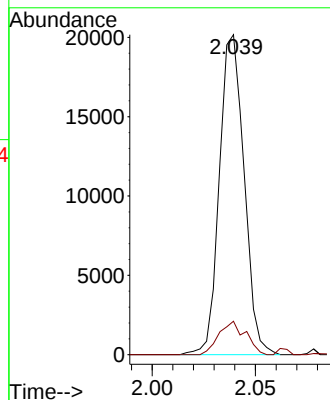
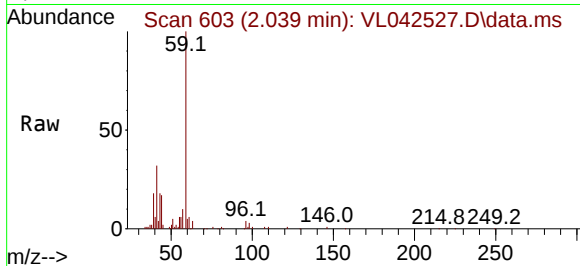
VSTDIC001

Tgt Ion: 59 Resp: 16785

Ion Ratio Lower Upper

59 100

57 12.1 8.2 12.4



#18

1,1-Dichloroethene

Concen: 0.985 ppbv

RT: 2.030 min Scan# 600

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

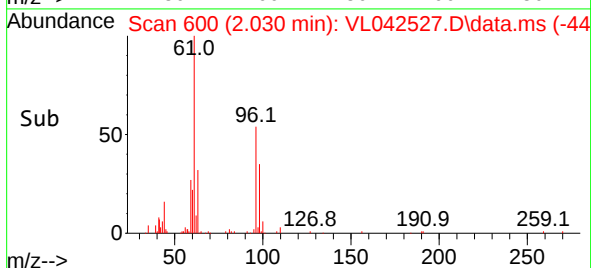
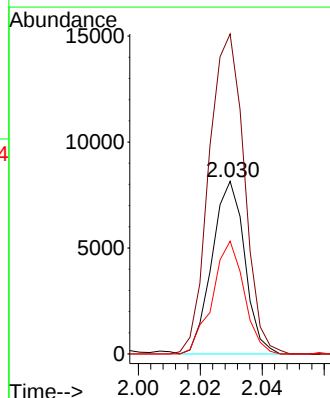
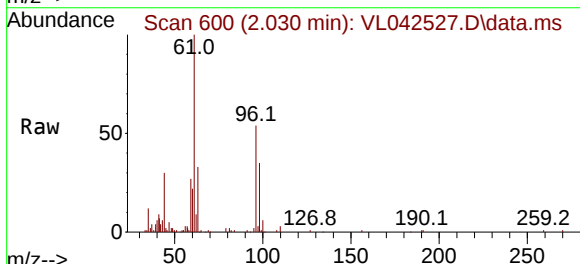
Tgt Ion: 96 Resp: 5957

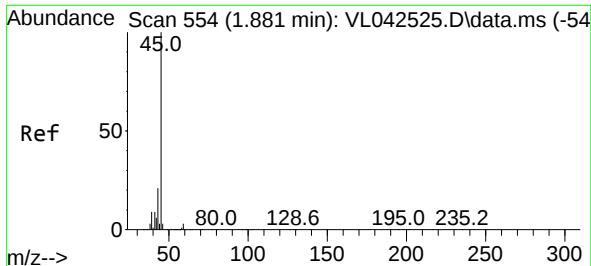
Ion Ratio Lower Upper

96 100

61 184.1 165.0 247.4

98 65.3 52.6 79.0





#19

Isopropyl Alcohol

Concen: 0.968 ppbv

RT: 1.884 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Instrument :

MSVOA_L

ClientSampleId :

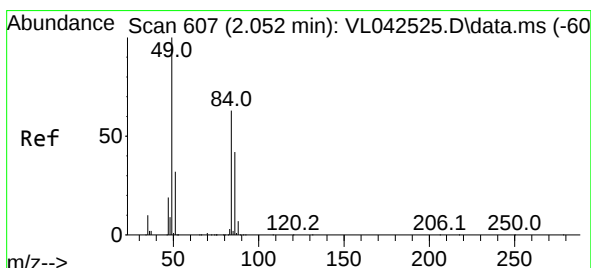
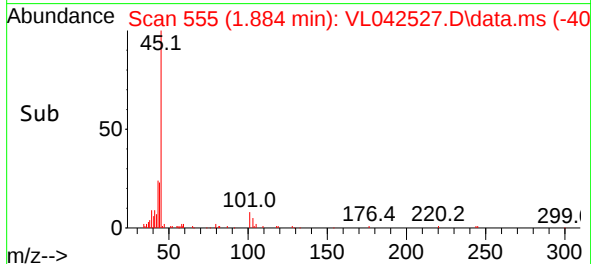
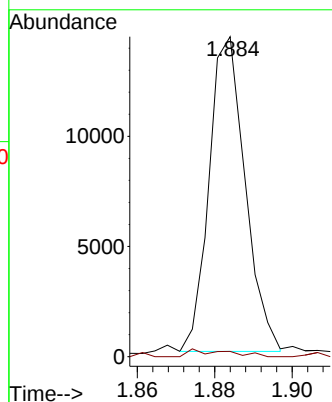
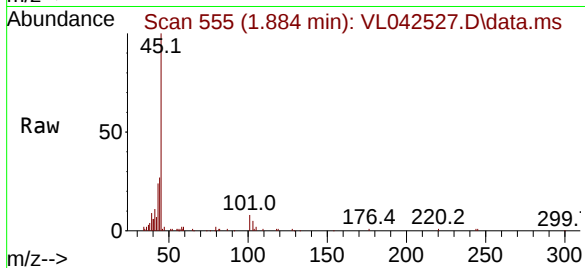
VSTDIC001

Tgt Ion: 45 Resp: 9238

Ion Ratio Lower Upper

45 100

58 0.0 1.5 2.3#



#20

Methylene Chloride

Concen: 1.037 ppbv

RT: 2.055 min Scan# 608

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Tgt Ion: 84 Resp: 6343

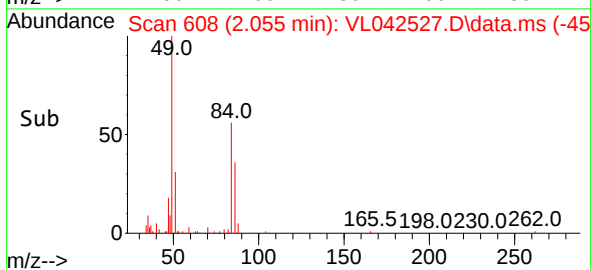
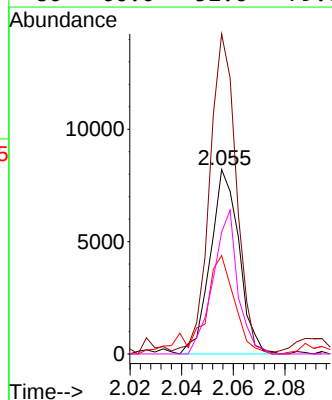
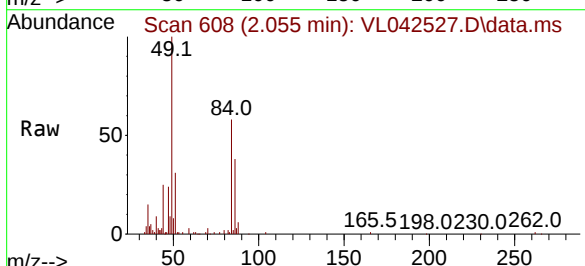
Ion Ratio Lower Upper

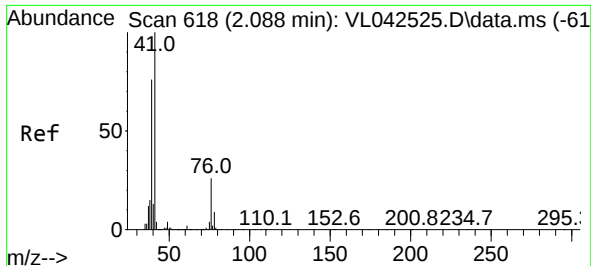
84 100

49 171.7 128.2 192.4

51 52.3 41.7 62.5

86 66.0 52.6 79.0

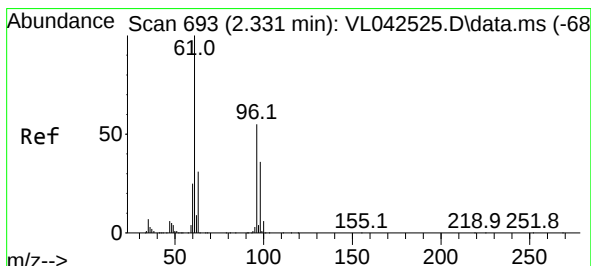
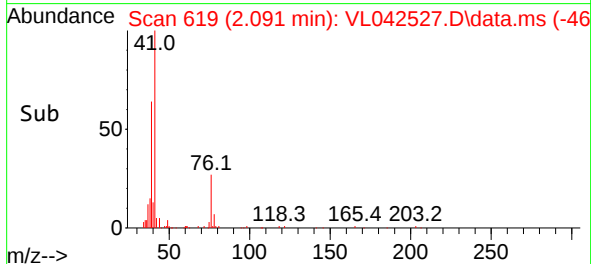
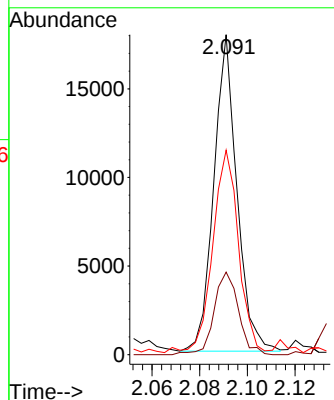
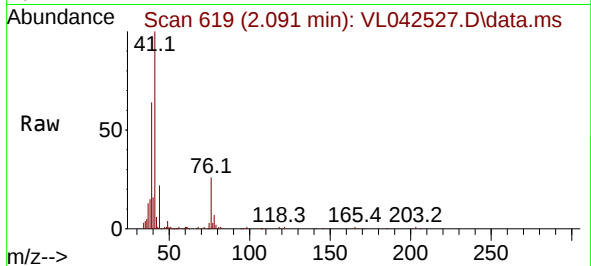




#21
 Allyl Chloride
 Concen: 1.034 ppbv
 RT: 2.091 min Scan# 618
 Delta R.T. 0.003 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

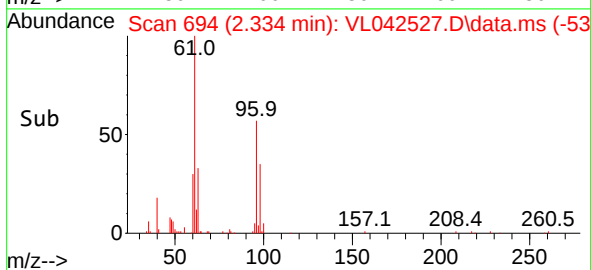
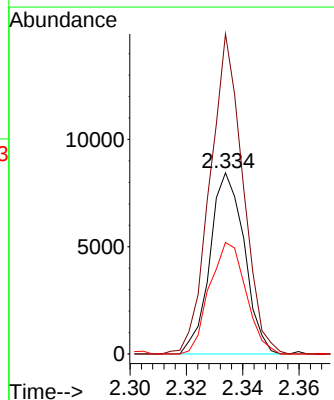
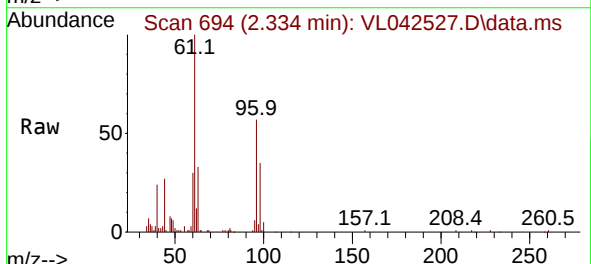
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

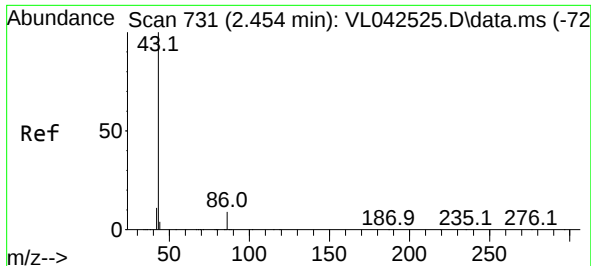
Tgt Ion: 41 Resp: 12028
 Ion Ratio Lower Upper
 41 100
 76 27.5 22.0 33.0
 39 74.6 59.5 89.3



#22
 trans-1,2-Dichloroethene
 Concen: 1.011 ppbv
 RT: 2.334 min Scan# 694
 Delta R.T. 0.003 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

Tgt Ion: 96 Resp: 7150
 Ion Ratio Lower Upper
 96 100
 61 175.3 145.9 218.9
 98 61.6 52.2 78.4

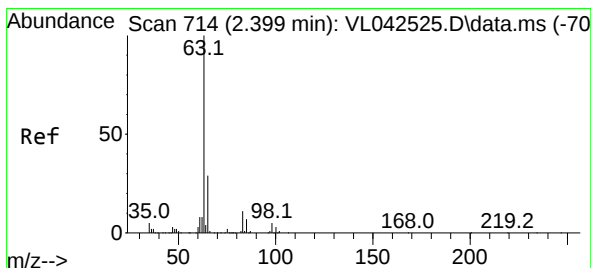
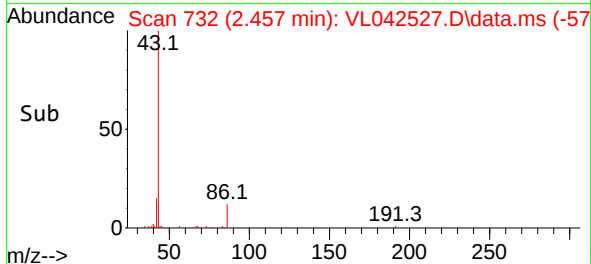
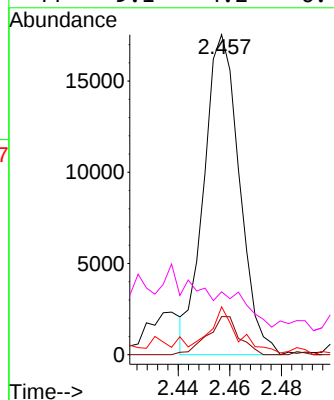
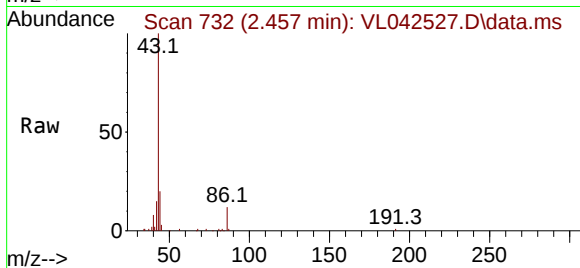




#23
 Vinyl Acetate
 Concen: 0.913 ppbv
 RT: 2.457 min Scan# 714
 Delta R.T. 0.003 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

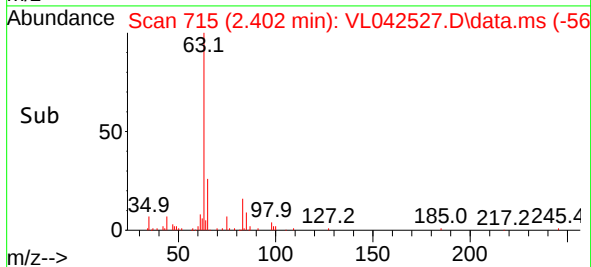
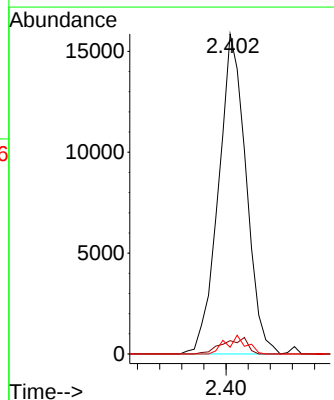
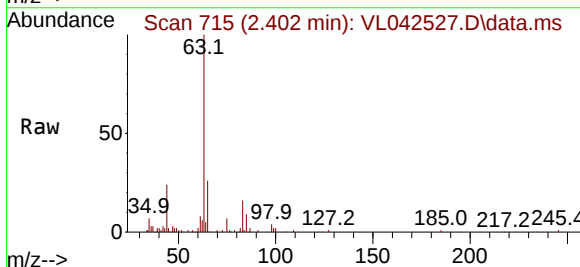
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

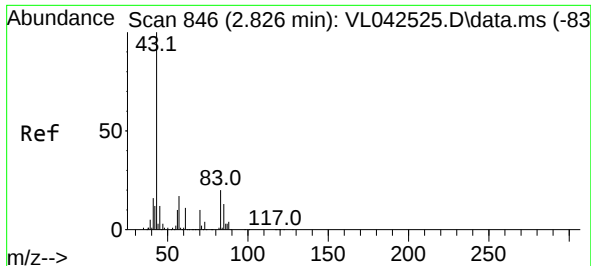
Tgt Ion:	43	Resp:	16789
Ion	Ratio	Lower	Upper
43	100		
86	11.9	6.8	10.2#
42	14.4	8.8	13.2#
44	9.1	4.2	6.4#



#24
 1,1-Dichloroethane
 Concen: 1.003 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. 0.003 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

Tgt Ion:	63	Resp:	13728
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.6	8.0
100	2.1	1.4	4.2

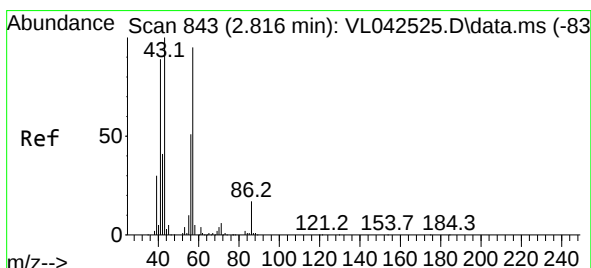
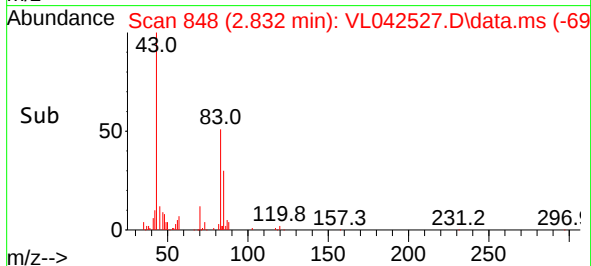
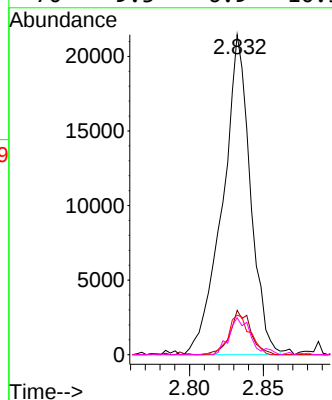
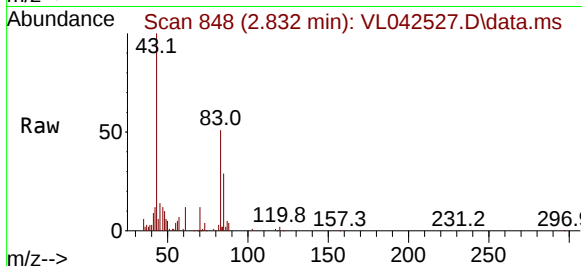




#25
Ethyl Acetate
Concen: 0.909 ppbv
RT: 2.832 min Scan# 846
Delta R.T. 0.006 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

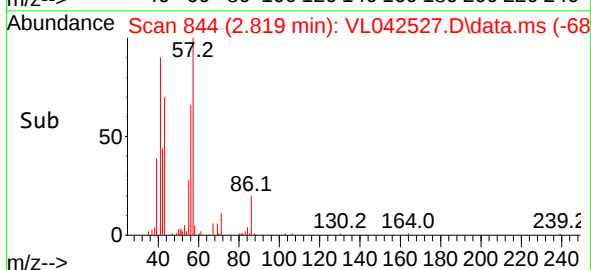
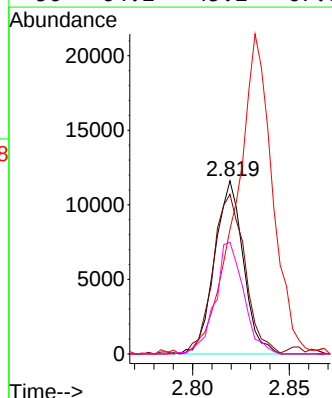
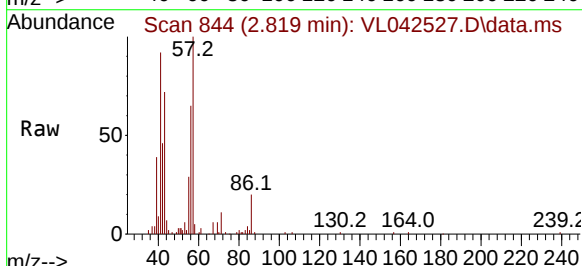
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

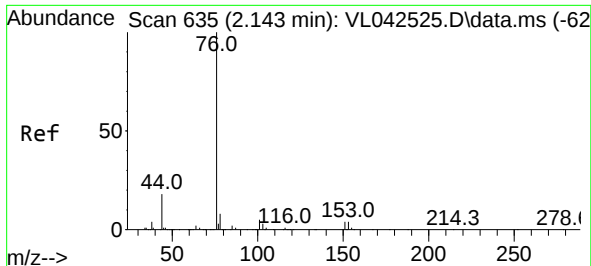
Tgt Ion: 43	Resp: 28045
Ion Ratio	Lower Upper
43 100	
45 10.7	7.9 11.9
61 9.6	7.1 10.7
70 9.3	6.9 10.3



#26
Hexane
Concen: 0.945 ppbv
RT: 2.819 min Scan# 844
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion: 57	Resp: 11972
Ion Ratio	Lower Upper
57 100	
41 106.2	76.1 114.1
43 236.9	188.9 283.3
56 64.2	45.2 67.8

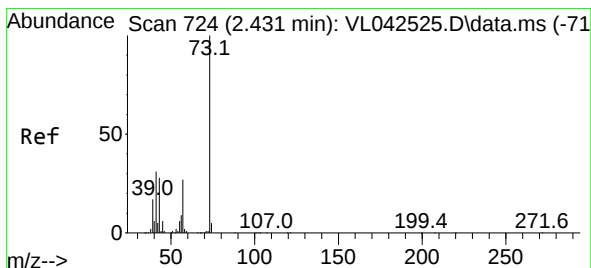
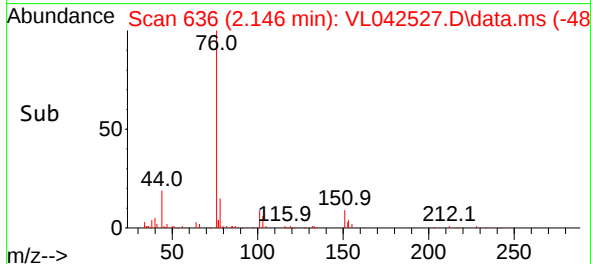
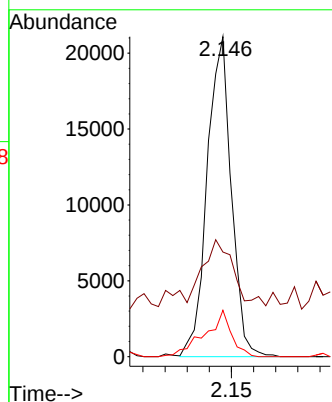
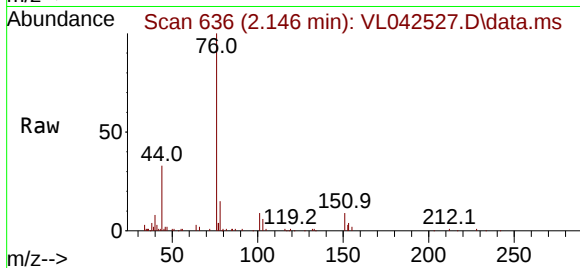




#27
Carbon Disulfide
Concen: 0.979 ppbv
RT: 2.146 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

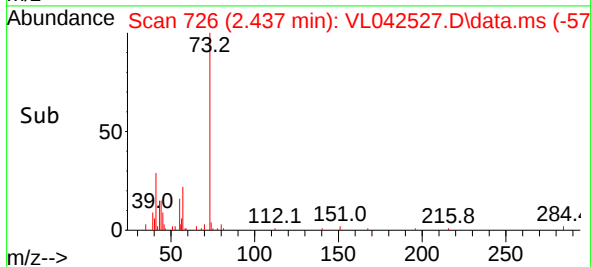
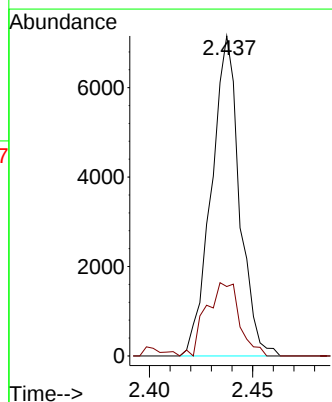
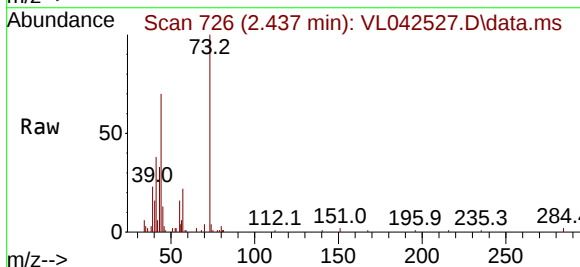
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

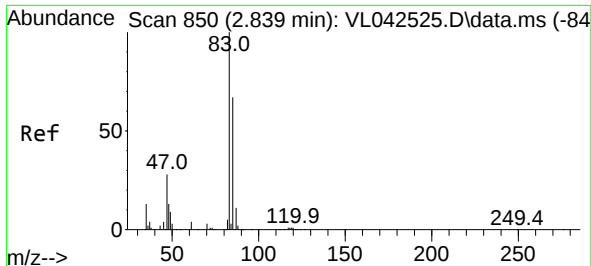
Tgt Ion: 76 Resp: 16011
Ion Ratio Lower Upper
76 100
44 90.3 17.1 25.7#
78 15.9 8.6 12.8#



#28
Methyl tert-Butyl Ether
Concen: 0.965 ppbv
RT: 2.437 min Scan# 726
Delta R.T. 0.006 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion: 73 Resp: 6789
Ion Ratio Lower Upper
73 100
57 29.1 20.3 30.5





#29

Chloroform

Concen: 1.026 ppbv

RT: 2.842 min Scan# 851

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Instrument :

MSVOA_L

ClientSampleId :

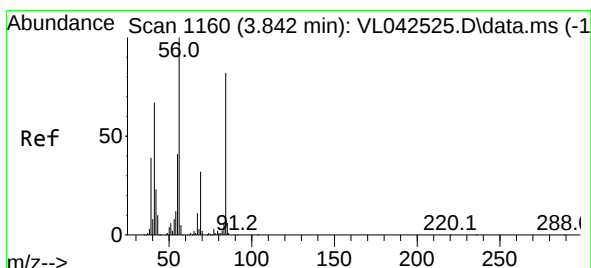
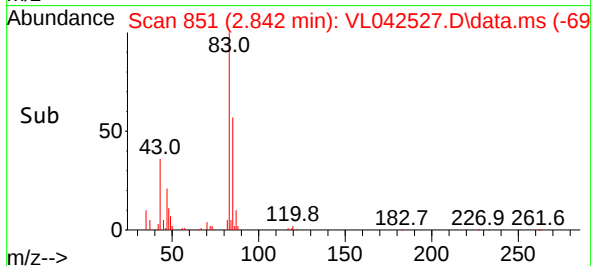
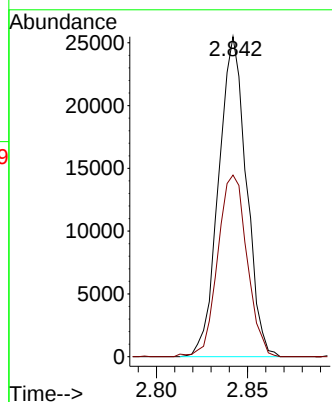
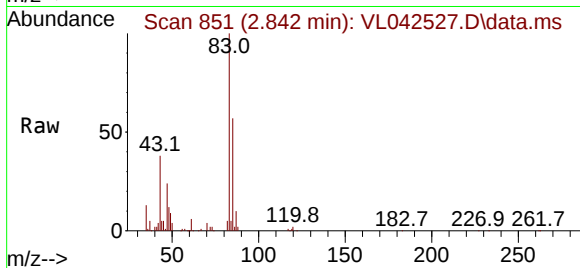
VSTDIC001

Tgt Ion: 83 Resp: 26959

Ion Ratio Lower Upper

83 100

85 56.7 53.5 80.3



#30

Cyclohexane

Concen: 0.527 ppbv

RT: 3.845 min Scan# 1161

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

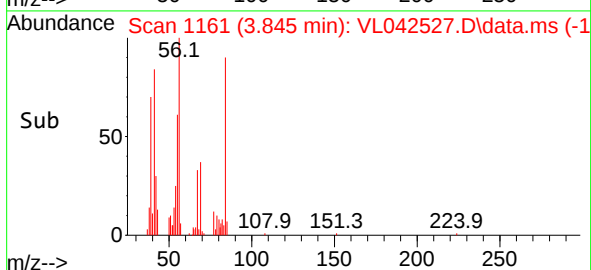
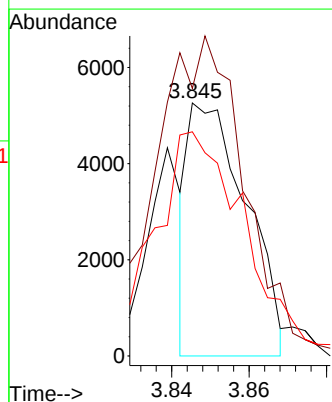
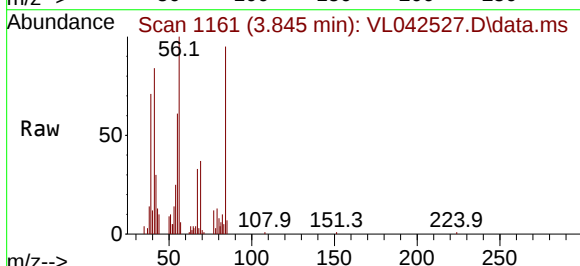
Tgt Ion: 84 Resp: 5478

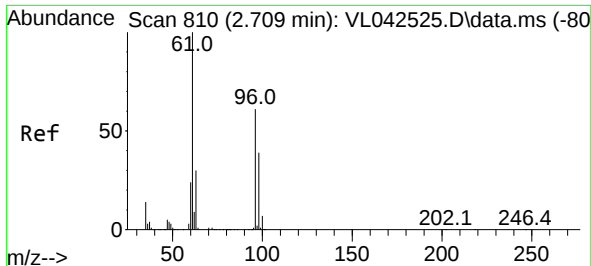
Ion Ratio Lower Upper

84 100

56 201.2 97.1 145.7#

41 144.5 66.6 99.8#

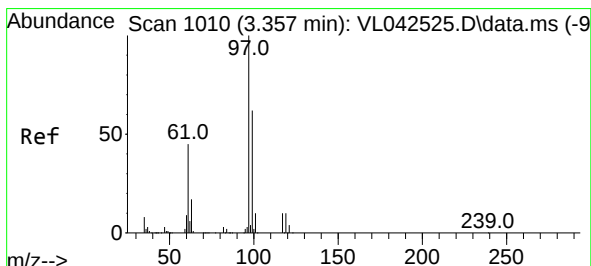
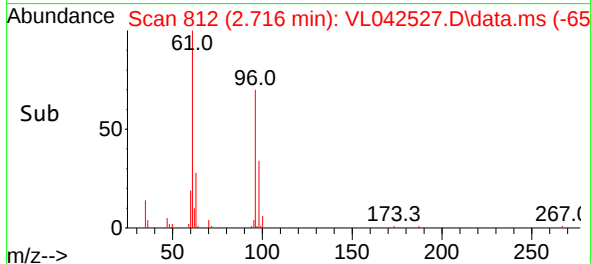
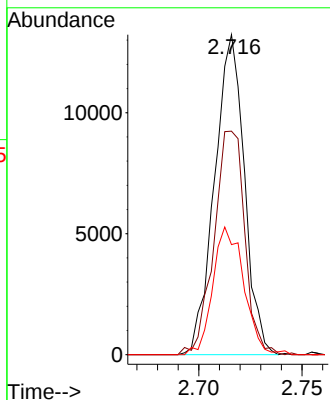
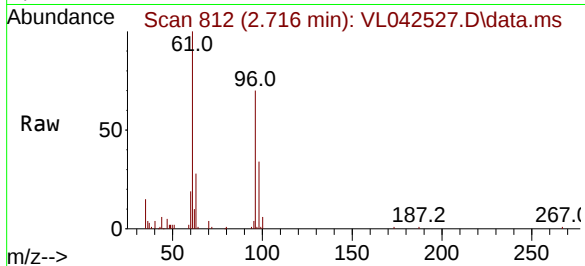




#31
 cis-1,2-Dichloroethene
 Concen: 0.928 ppbv
 RT: 2.716 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

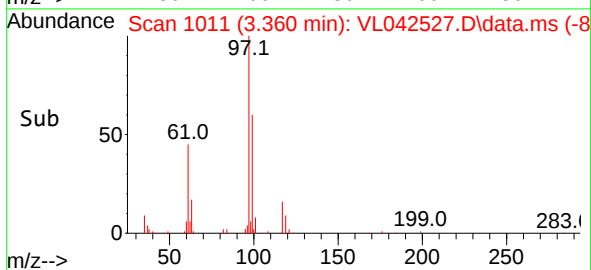
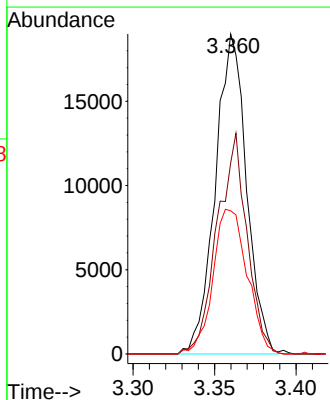
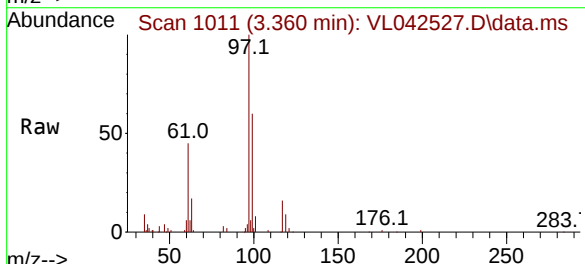
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

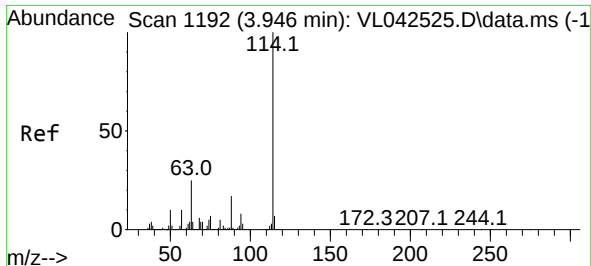
Tgt Ion: 61 Resp: 13267
 Ion Ratio Lower Upper
 61 100
 96 69.8 48.9 73.3
 98 34.4 31.4 47.2



#32
 1,1,1-Trichloroethane
 Concen: 0.955 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. 0.003 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

Tgt Ion: 97 Resp: 25297
 Ion Ratio Lower Upper
 97 100
 99 65.8 50.1 75.1
 61 49.8 38.2 57.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.949 min Scan# 1193

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

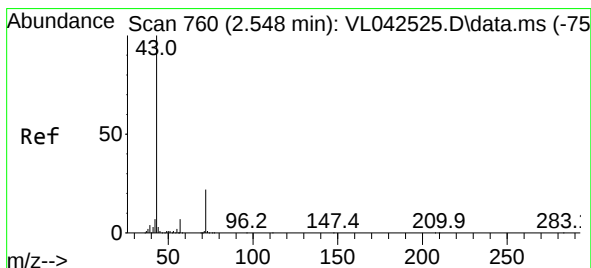
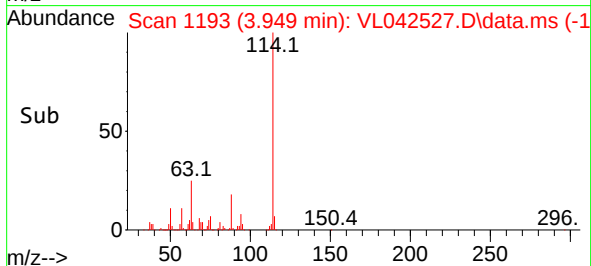
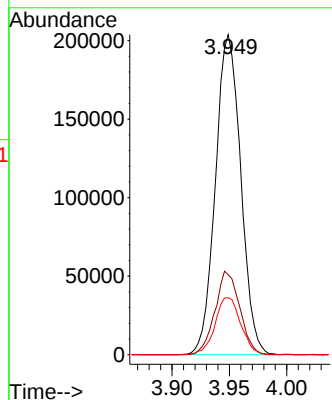
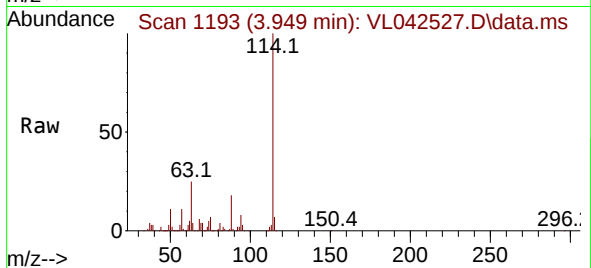
Tgt Ion:114 Resp: 312995

Ion Ratio Lower Upper

114 100

63 25.5 20.4 30.6

88 18.0 14.5 21.7



#34

2-Butanone

Concen: 0.978 ppbv

RT: 2.554 min Scan# 762

Delta R.T. 0.006 min

Lab File: VL042527.D

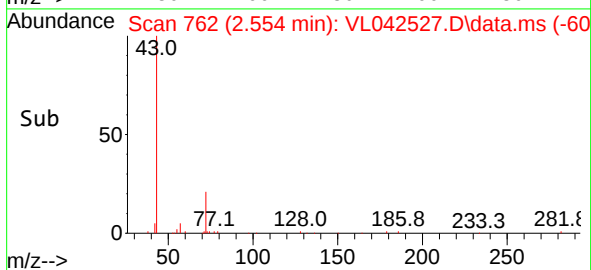
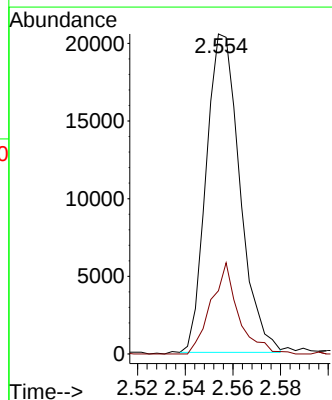
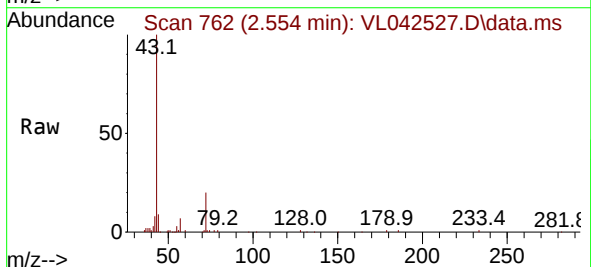
Acq: 12 May 2025 10:07

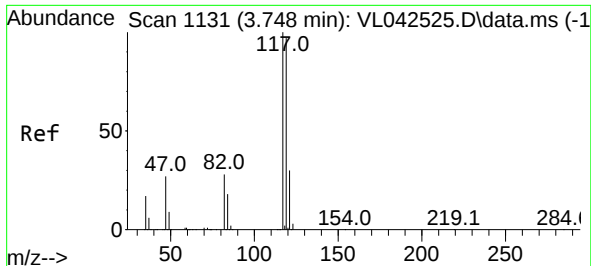
Tgt Ion: 43 Resp: 20174

Ion Ratio Lower Upper

43 100

72 23.4 18.7 28.1

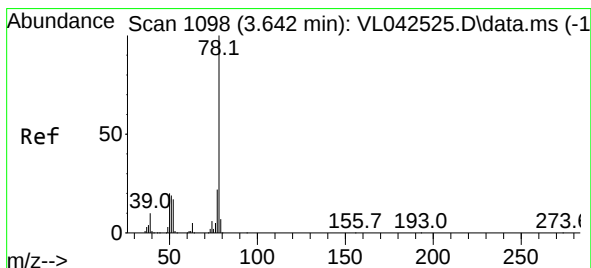
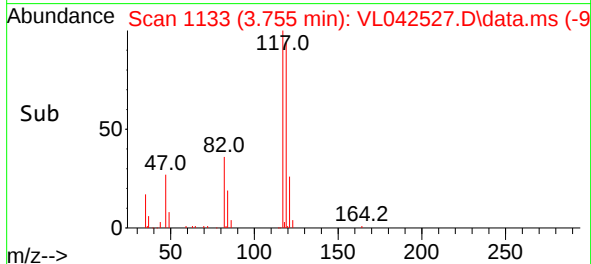
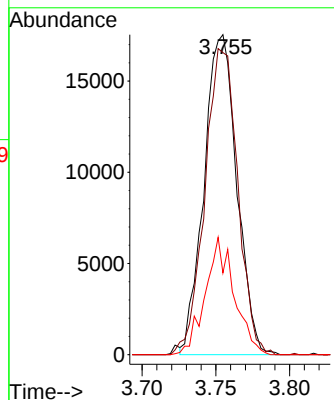
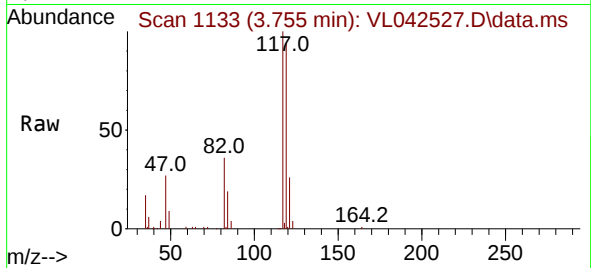




#35
Carbon Tetrachloride
Concen: 0.966 ppbv
RT: 3.755 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

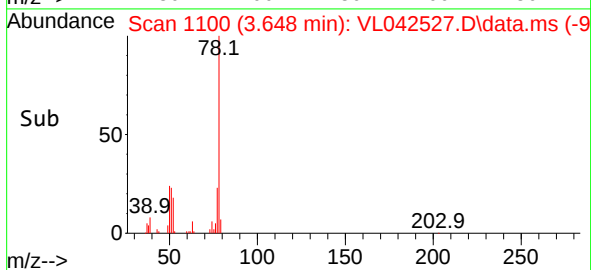
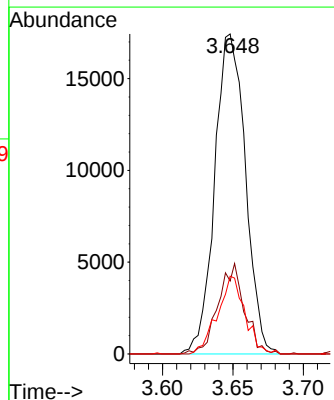
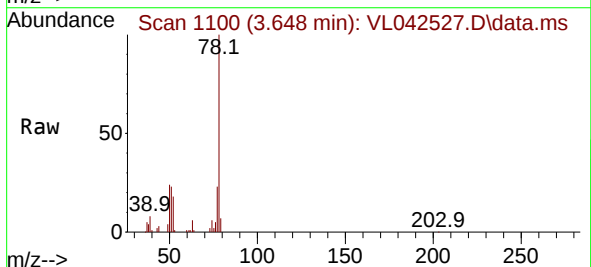
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

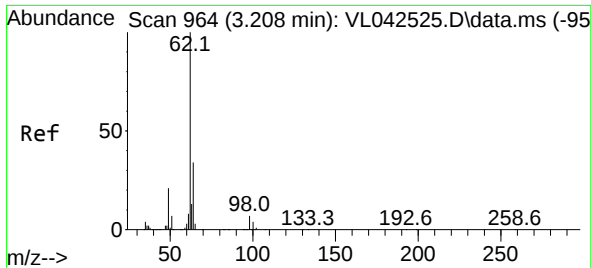
Tgt Ion:117 Resp: 27182
Ion Ratio Lower Upper
117 100
119 94.4 77.7 116.5
121 25.5 24.0 36.0



#36
Benzene
Concen: 0.954 ppbv
RT: 3.648 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion: 78 Resp: 26465
Ion Ratio Lower Upper
78 100
77 22.8 17.4 26.2
50 24.3 16.3 24.5

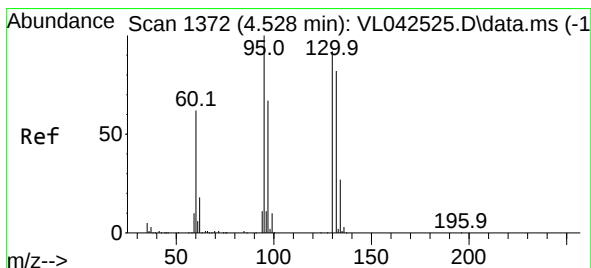
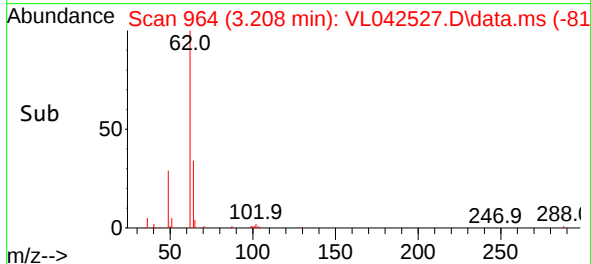
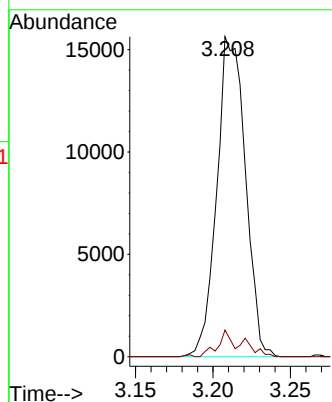
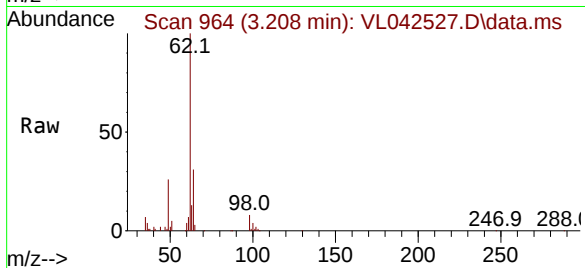




#37
1,2-Dichloroethane
Concen: 1.013 ppbv
RT: 3.208 min Scan# 90
Delta R.T. -0.000 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

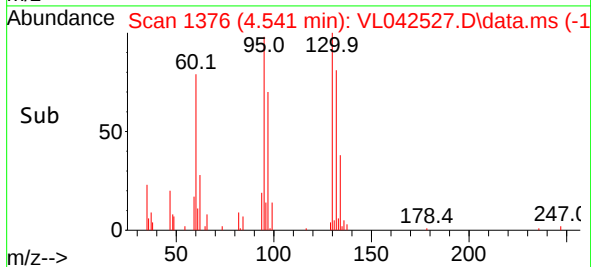
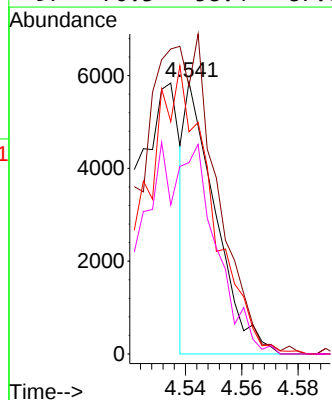
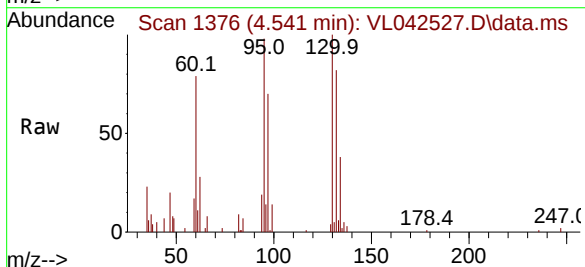
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

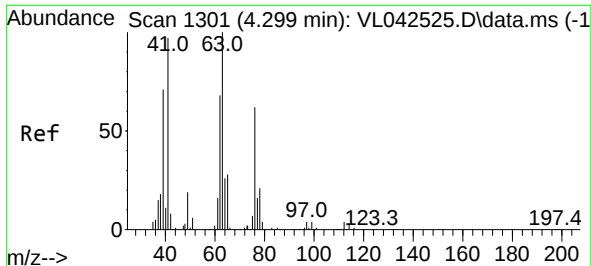
Tgt Ion: 62 Resp: 20039
Ion Ratio Lower Upper
62 100
98 6.9 5.0 7.4



#38
Trichloroethene
Concen: 0.368 ppbv
RT: 4.541 min Scan# 1376
Delta R.T. 0.013 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion:130 Resp: 4359
Ion Ratio Lower Upper
130 100
95 97.2 87.0 130.4
132 80.6 71.1 106.7
97 70.3 58.4 87.6





#39

1,2-Dichloropropane

Concen: 0.907 ppbv

RT: 4.308 min Scan# 1304

Delta R.T. 0.010 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

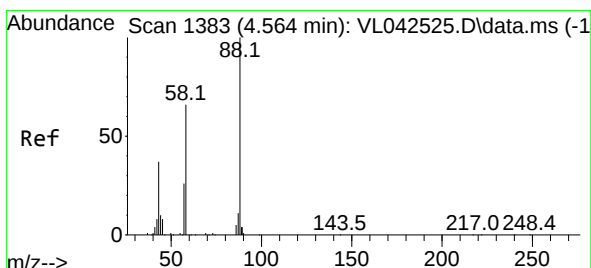
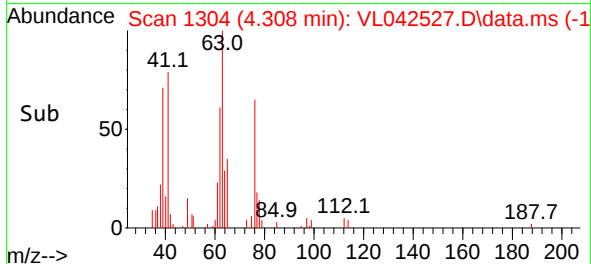
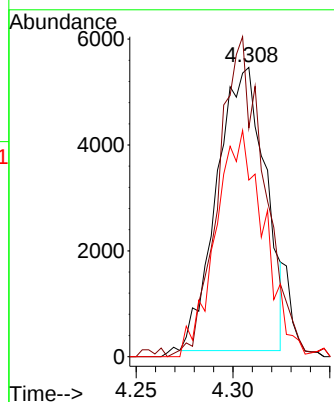
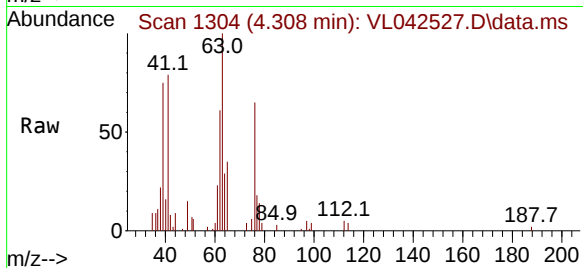
Tgt Ion: 63 Resp: 9362

Ion Ratio Lower Upper

63 100

41 78.5 77.5 116.3

62 62.4 54.6 82.0



#40

1,4-Dioxane

Concen: 0.461 ppbv

RT: 4.583 min Scan# 1389

Delta R.T. 0.019 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Tgt Ion: 88 Resp: 1896

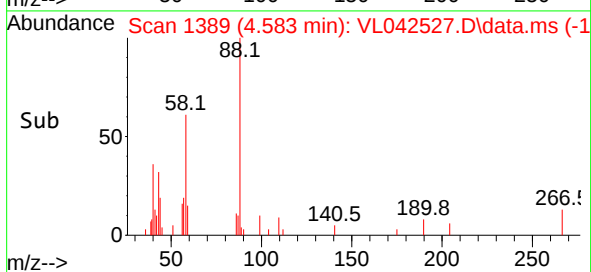
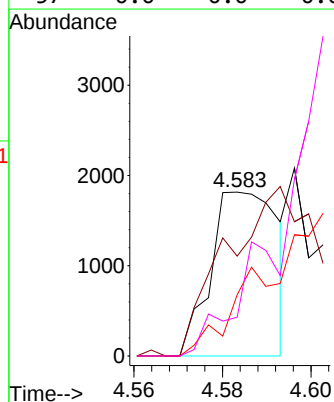
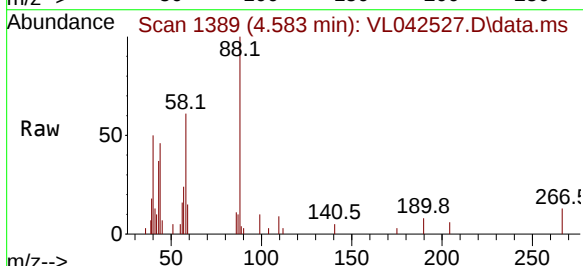
Ion Ratio Lower Upper

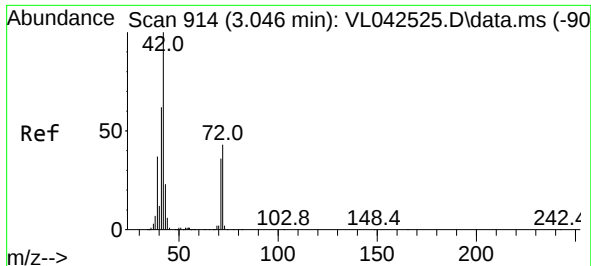
88 100

58 0.0 58.2 87.2#

43 0.0 27.9 41.9#

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.893 ppbv

RT: 3.056 min Scan# 914

Delta R.T. 0.010 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

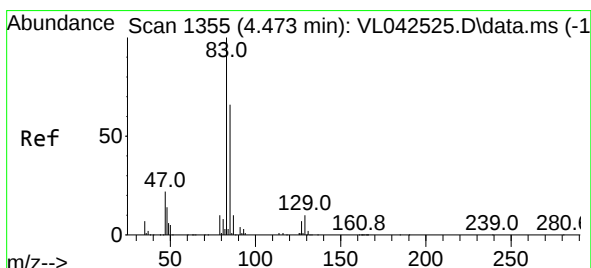
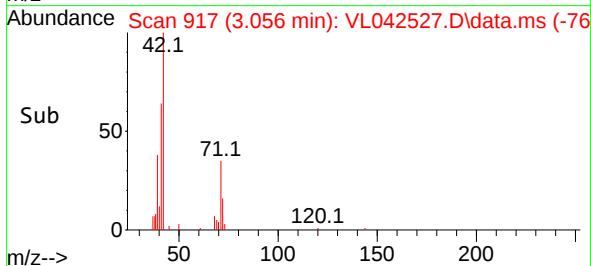
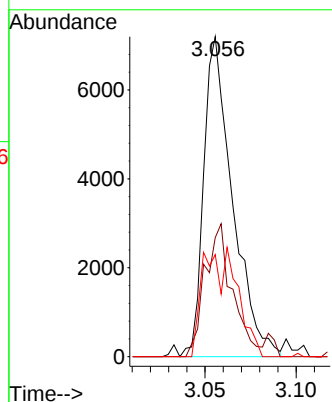
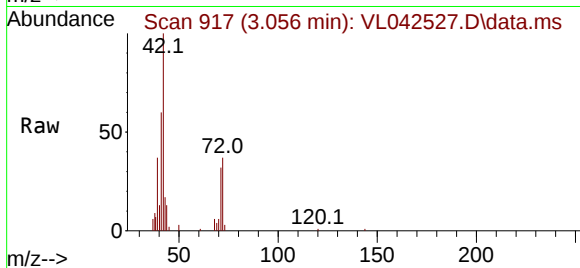
Tgt Ion: 42 Resp: 7944

Ion Ratio Lower Upper

42 100

72 41.7 32.7 49.1

71 40.4 30.4 45.6



#42

Bromodichloromethane

Concen: 0.904 ppbv

RT: 4.480 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

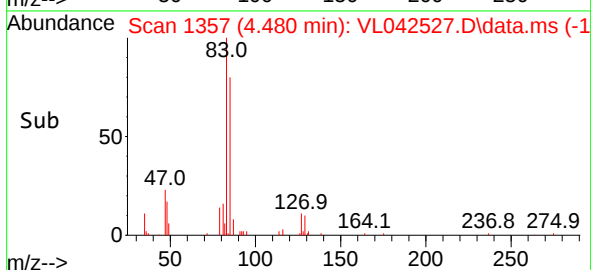
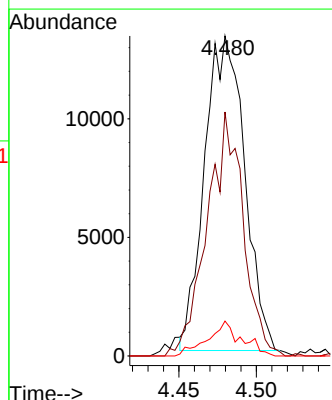
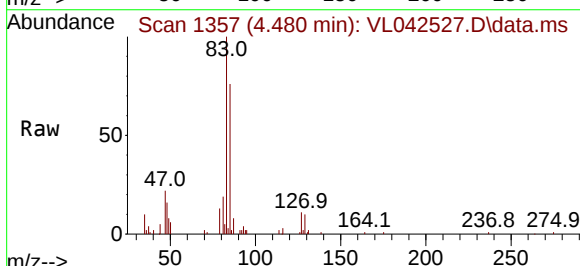
Tgt Ion: 83 Resp: 23829

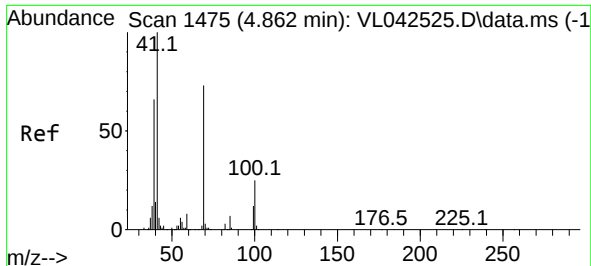
Ion Ratio Lower Upper

83 100

85 76.4 52.6 79.0

127 11.1 6.0 9.0#





#43

Methyl Methacrylate

Concen: 0.409 ppbv

RT: 4.865 min Scan# 1475

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

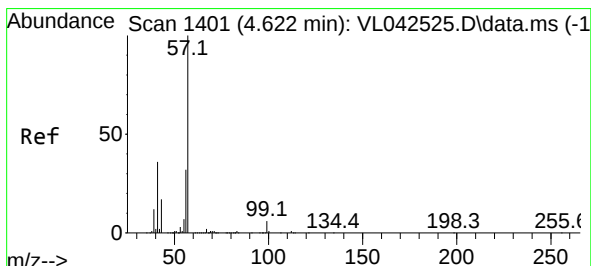
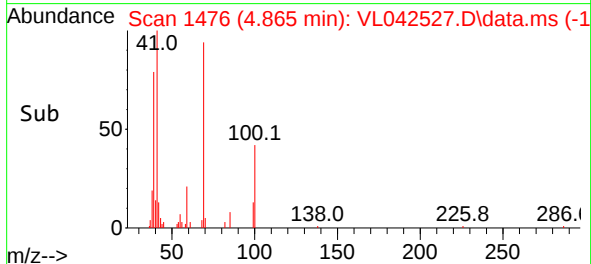
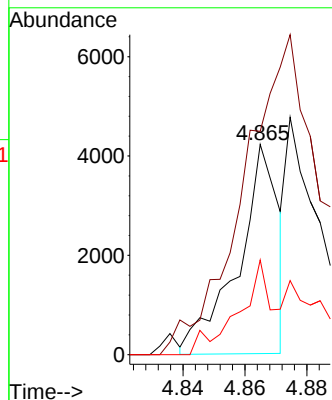
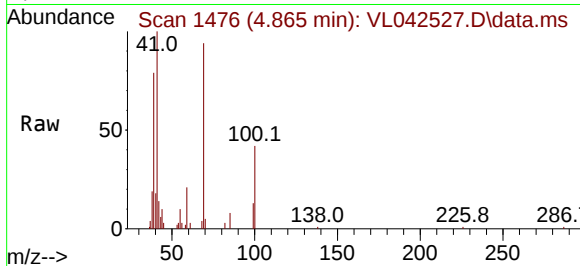
Tgt Ion: 69 Resp: 3789

Ion Ratio Lower Upper

69 100

41 0.0 119.9 179.9#

100 75.6 28.4 42.6#



#44

2,2,4-Trimethylpentane

Concen: 0.923 ppbv

RT: 4.632 min Scan# 1404

Delta R.T. 0.010 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

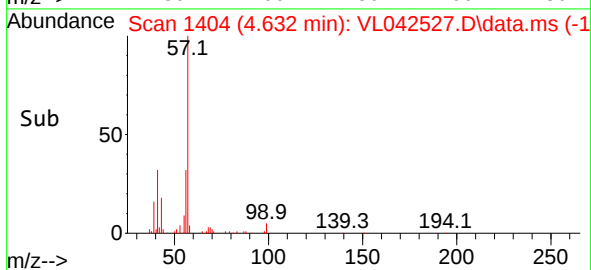
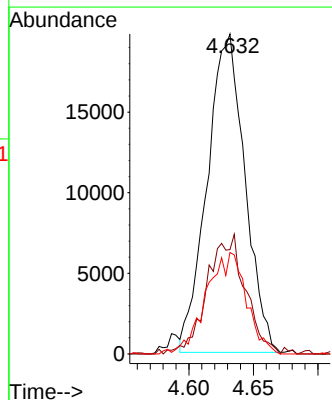
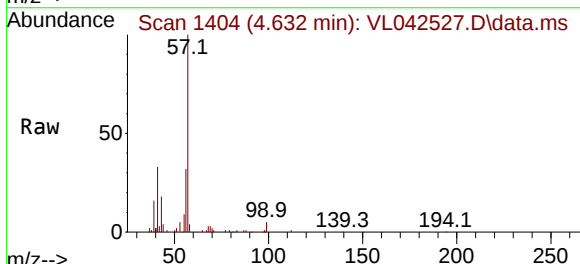
Tgt Ion: 57 Resp: 40206

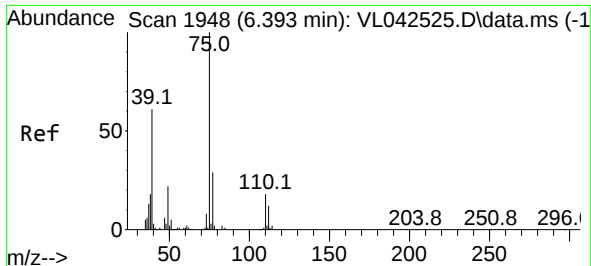
Ion Ratio Lower Upper

57 100

41 39.0 28.3 42.5

56 33.9 25.9 38.9

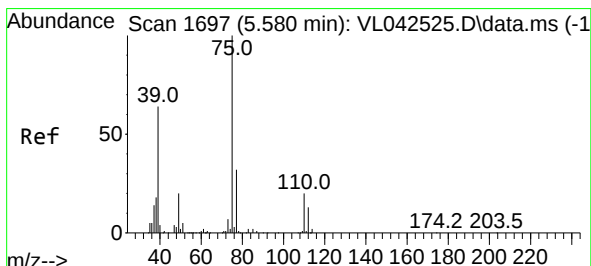
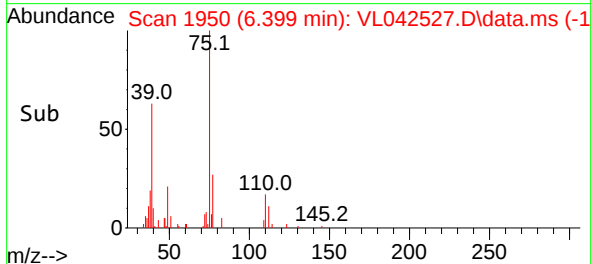
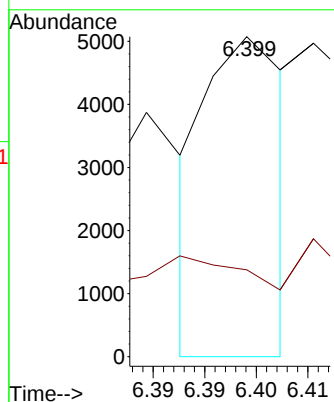
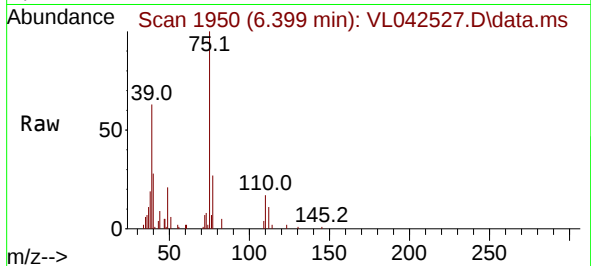




#45
 t-1,3-Dichloropropene
 Concen: 0.231 ppbv
 RT: 6.399 min Scan# 1948
 Delta R.T. 0.006 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

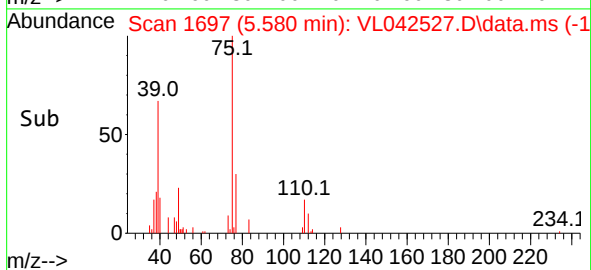
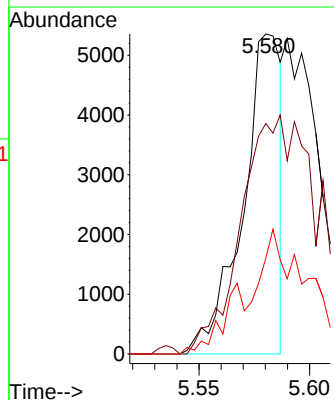
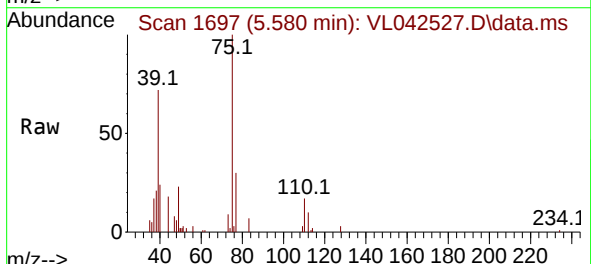
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

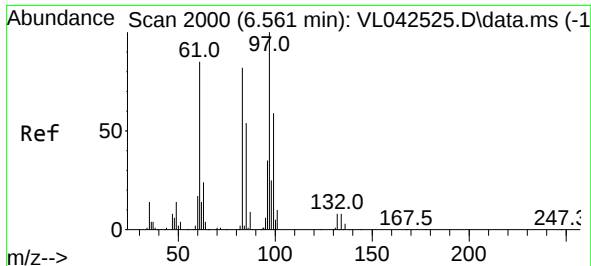
Tgt Ion: 75 Resp: 2734
 Ion Ratio Lower Upper
 75 100
 77 27.2 23.3 34.9



#46
 cis-1,3-Dichloropropene
 Concen: 0.448 ppbv
 RT: 5.580 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

Tgt Ion: 75 Resp: 6387
 Ion Ratio Lower Upper
 75 100
 39 72.0 51.2 76.8
 77 29.9 25.4 38.0

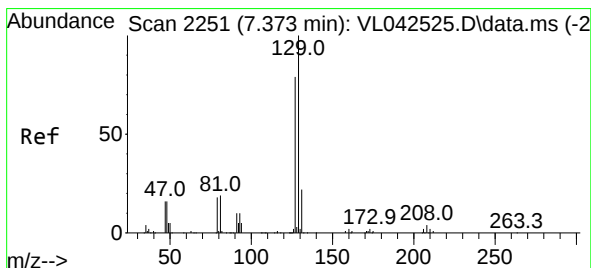
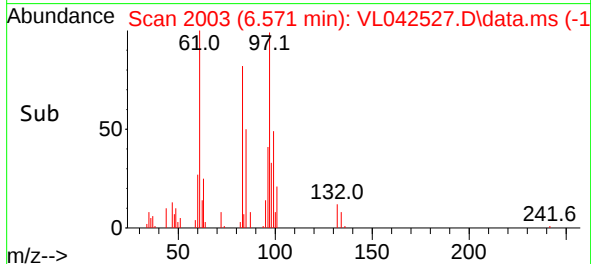
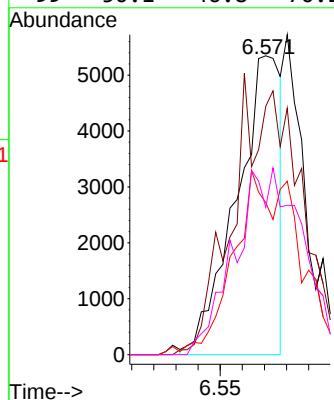
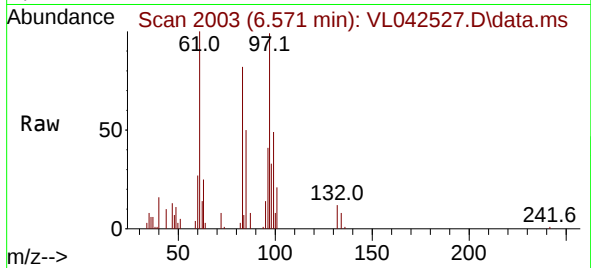




#47
1,1,2-Trichloroethane
Concen: 0.611 ppbv
RT: 6.571 min Scan# 2000
Delta R.T. 0.010 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

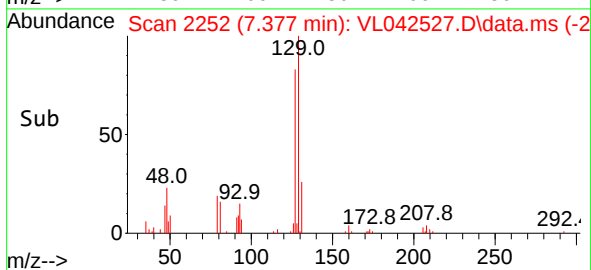
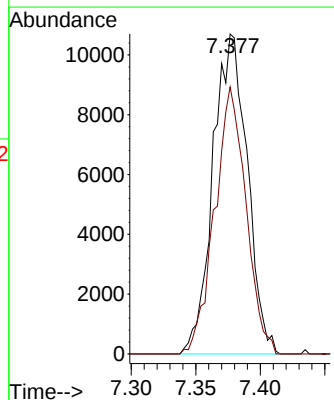
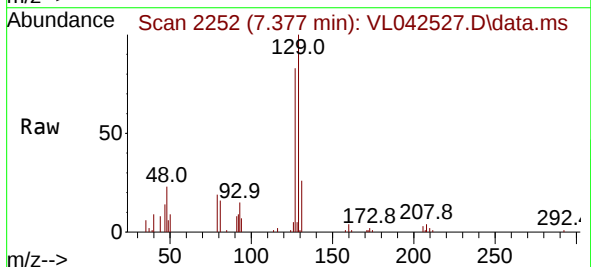
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

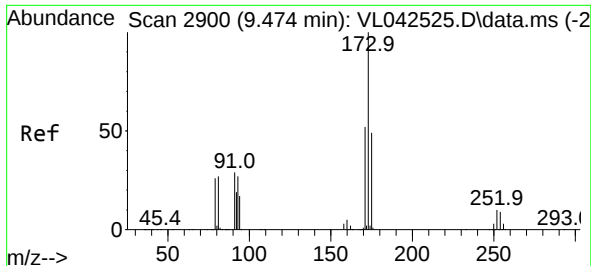
Tgt Ion: 97	Resp: 7429
Ion Ratio	Lower Upper
97 100	
83 82.9	66.0 99.0
85 50.7	42.8 64.2
99 50.1	46.8 70.2



#48
Dibromochloromethane
Concen: 0.973 ppbv
RT: 7.377 min Scan# 2252
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion:129	Resp:	19761	
Ion	Ratio	Lower	Upper
129	100		
127	76.2	39.6	118.8

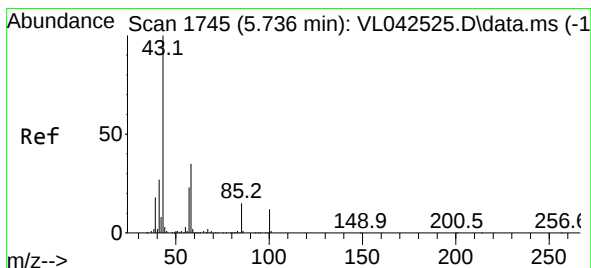
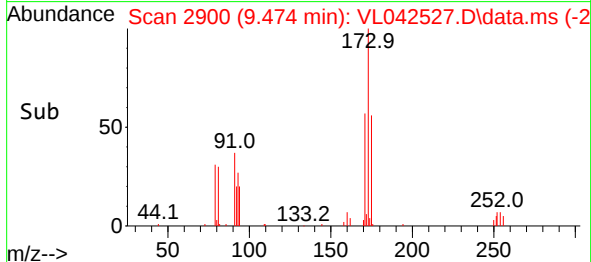
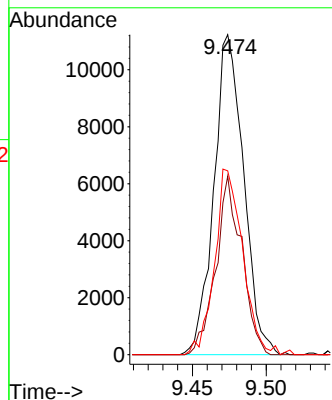
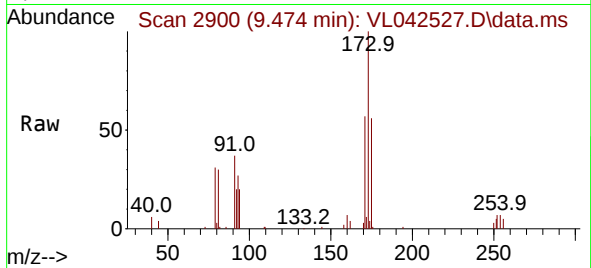




#49
Bromoform
Concen: 0.944 ppbv
RT: 9.474 min Scan# 2900
Delta R.T. -0.000 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

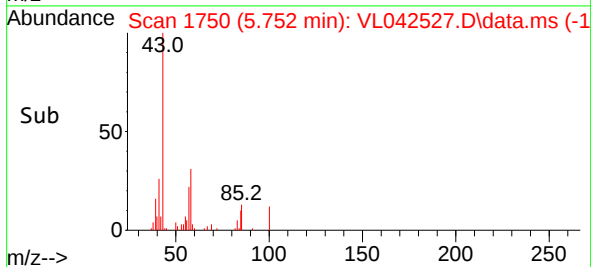
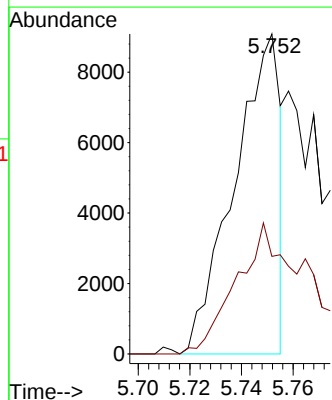
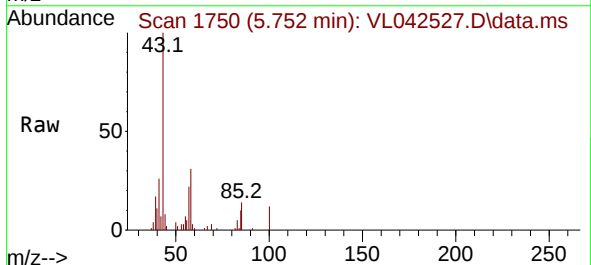
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

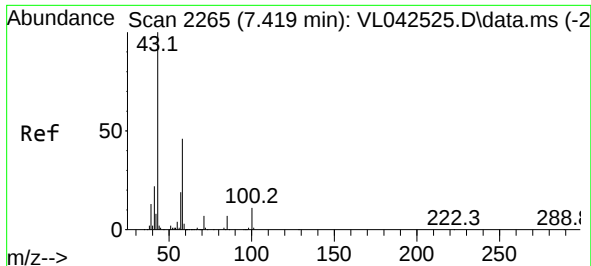
Tgt Ion:173 Resp: 15745
Ion Ratio Lower Upper
173 100
175 48.8 39.1 58.7
171 55.0 41.8 62.8



#50
4-Methyl-2-Pentanone
Concen: 0.463 ppbv
RT: 5.752 min Scan# 1750
Delta R.T. 0.016 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion: 43 Resp: 11198
Ion Ratio Lower Upper
43 100
58 66.1 28.6 42.8#

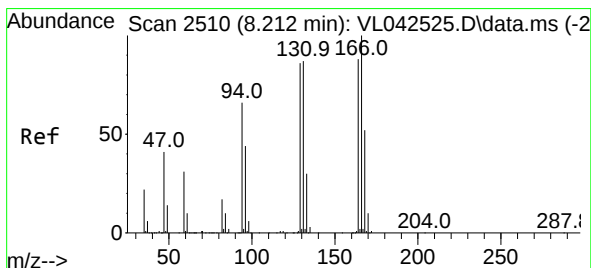
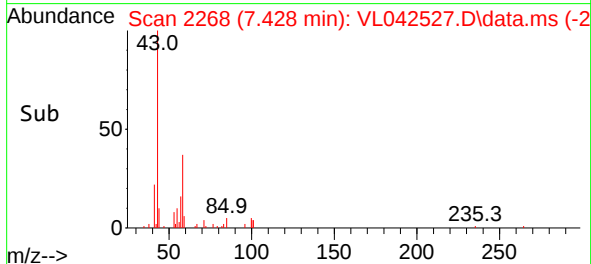
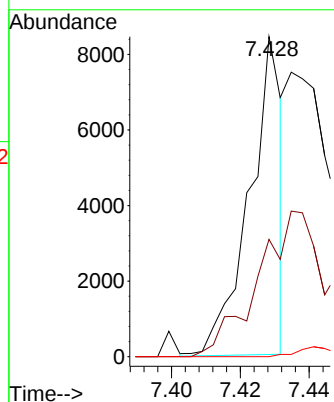
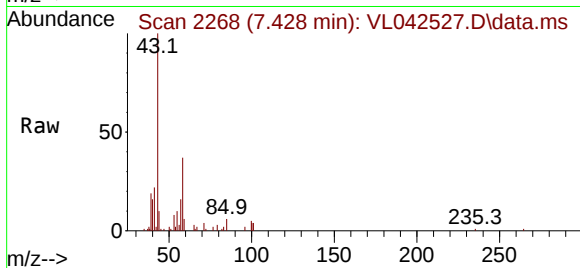




#51
2-Hexanone
Concen: 0.306 ppbv
RT: 7.428 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

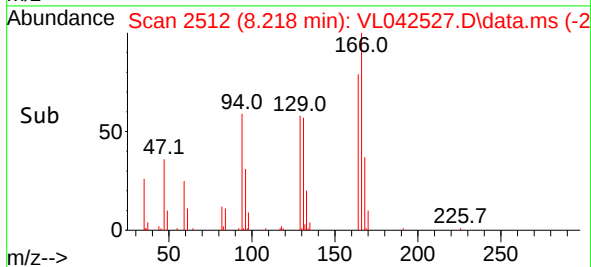
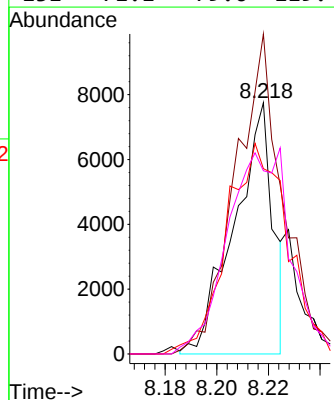
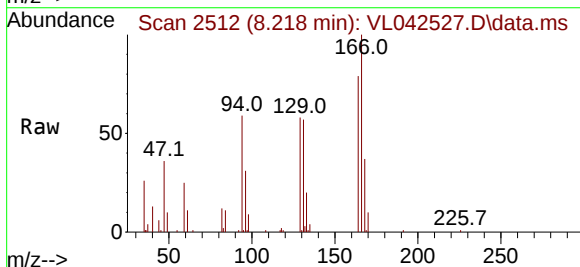
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

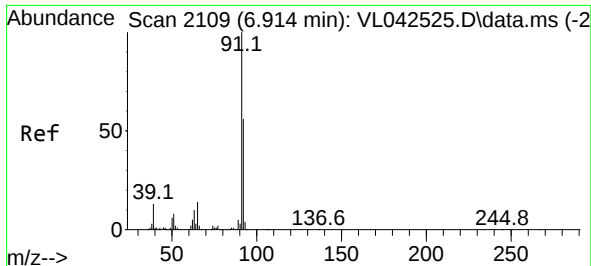
Tgt Ion: 43 Resp: 5497
Ion Ratio Lower Upper
43 100
58 0.0 37.5 56.3#
98 0.0 0.9 1.3#



#52
Tetrachloroethene
Concen: 0.753 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. 0.006 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion: 164 Resp: 8047
Ion Ratio Lower Upper
164 100
166 127.4 91.3 136.9
129 71.0 78.9 118.3#
131 71.1 79.6 119.4#

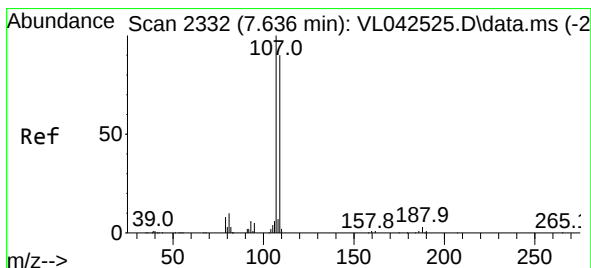
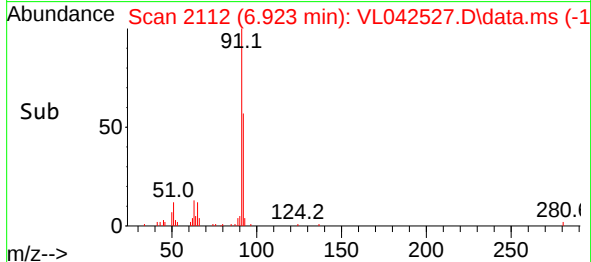
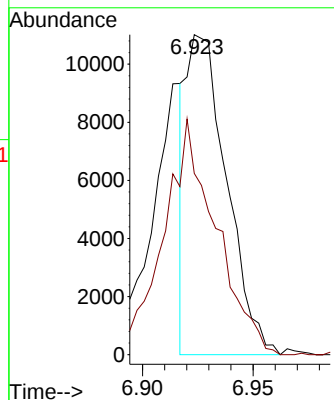
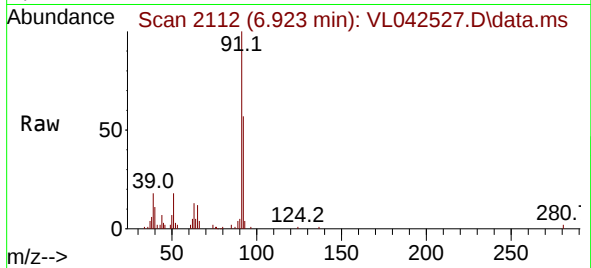




#53
Toluene
Concen: 0.514 ppbv
RT: 6.923 min Scan# 2109
Delta R.T. 0.010 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

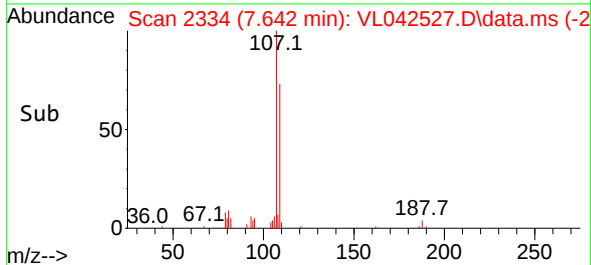
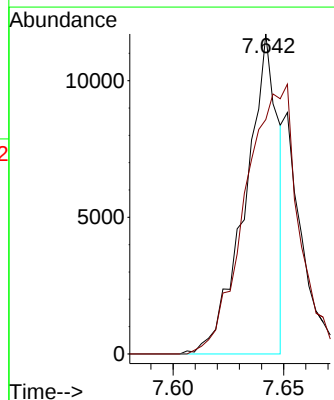
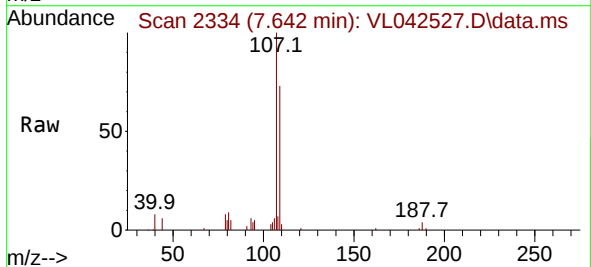
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

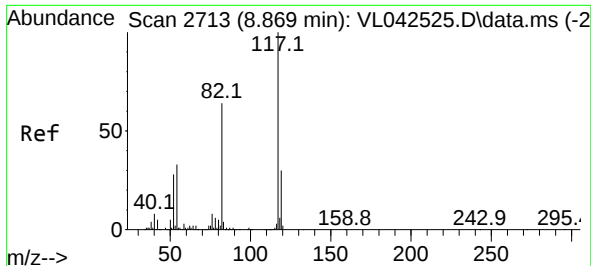
Tgt Ion: 91 Resp: 13979
Ion Ratio Lower Upper
91 100
92 96.7 47.8 71.6#



#54
1,2-Dibromoethane
Concen: 0.681 ppbv
RT: 7.642 min Scan# 2334
Delta R.T. 0.006 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion: 107 Resp: 12101
Ion Ratio Lower Upper
107 100
109 73.3 72.2 108.4

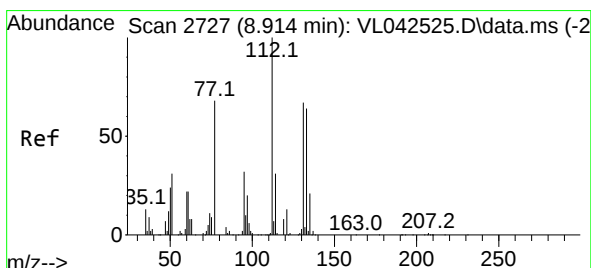
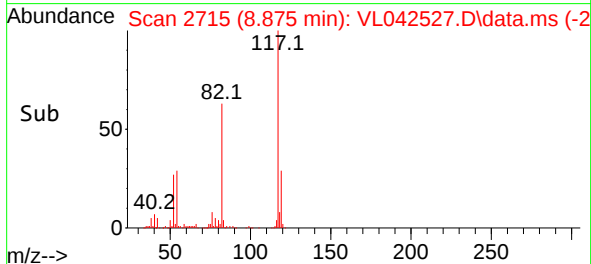
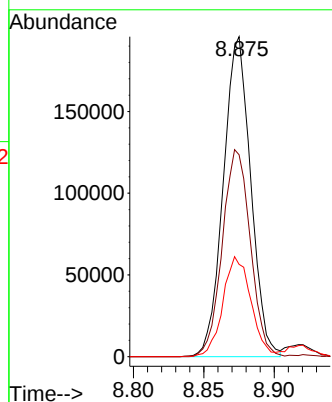
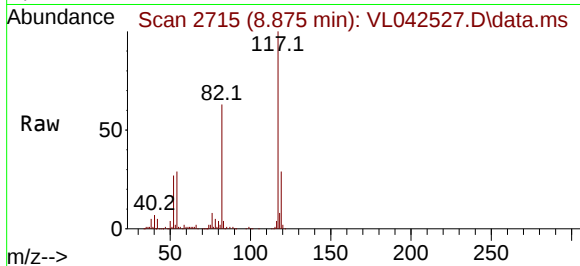




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. 0.006 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

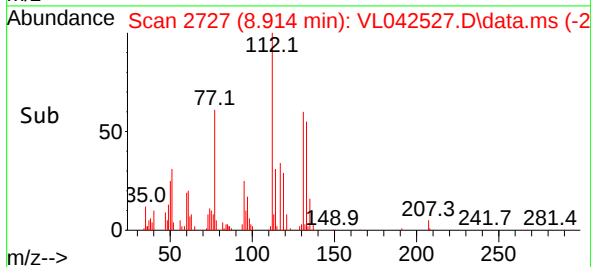
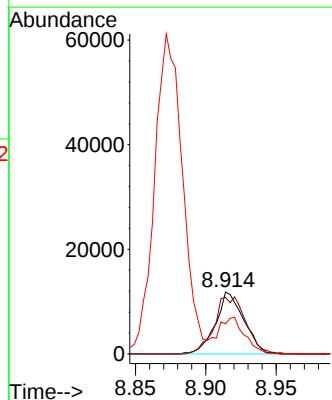
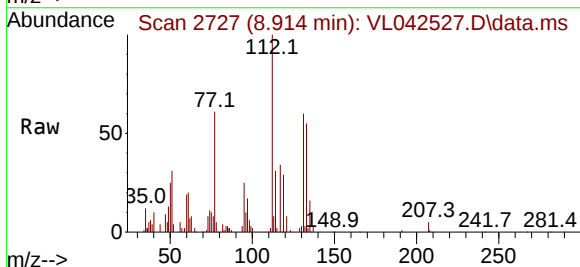
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

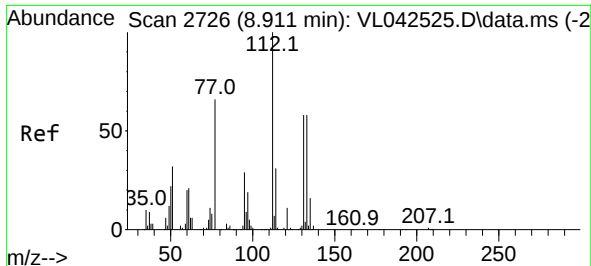
Tgt Ion:117 Resp: 265845
Ion Ratio Lower Upper
117 100
82 66.6 55.0 82.4
119 35.5 25.8 38.6



#56
1,1,1,2-Tetrachloroethane
Concen: 1.010 ppbv
RT: 8.914 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion:131 Resp: 16650
Ion Ratio Lower Upper
131 100
133 102.2 77.4 116.2
119 566.5 49.0 73.4#

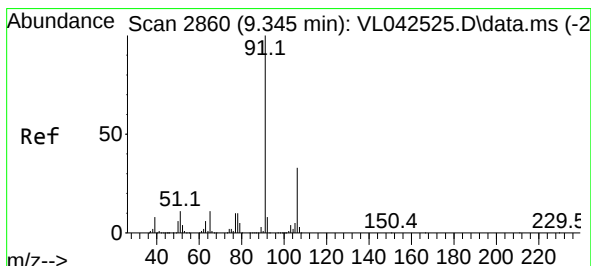
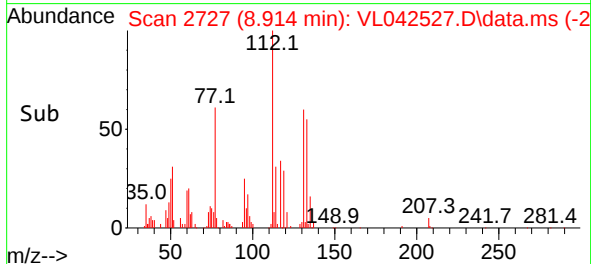
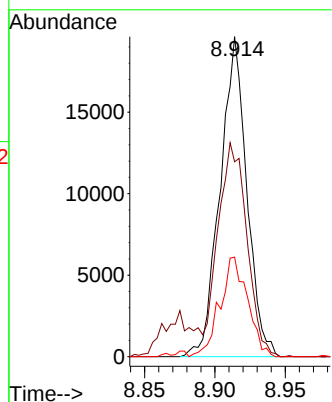
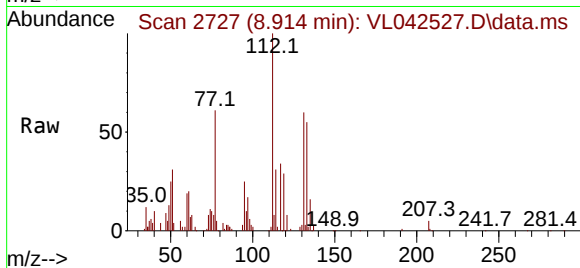




#57
Chlorobenzene
Concen: 0.973 ppbv
RT: 8.914 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

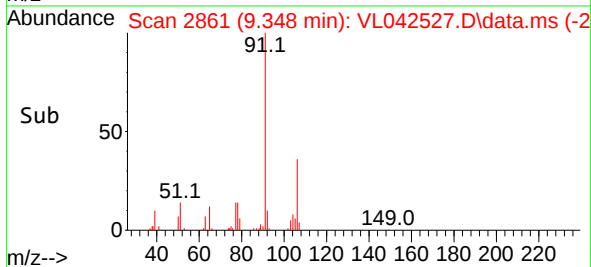
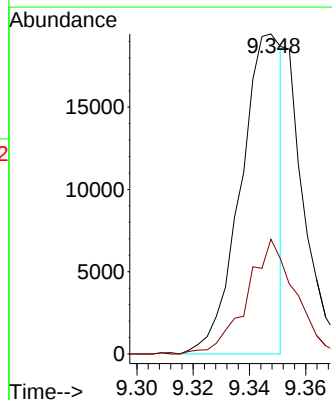
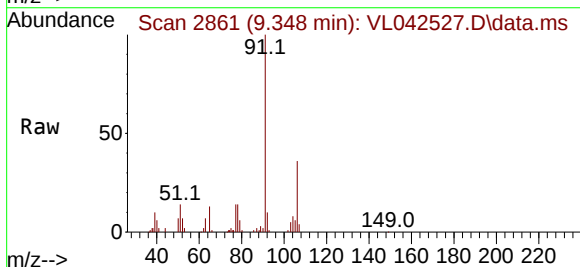
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

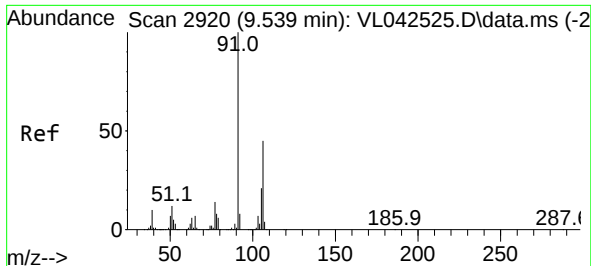
Tgt Ion:112 Resp: 25980
Ion Ratio Lower Upper
112 100
77 60.9 53.6 80.4
114 30.8 28.2 34.4



#58
Ethyl Benzene
Concen: 0.545 ppbv
RT: 9.348 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion: 91 Resp: 19764
Ion Ratio Lower Upper
91 100
106 36.0 26.0 39.0





#59

m/p-Xylene

Concen: 1.041 ppbv

RT: 9.542 min Scan# 2920

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Instrument :

MSVOA_1

ClientSampleId :

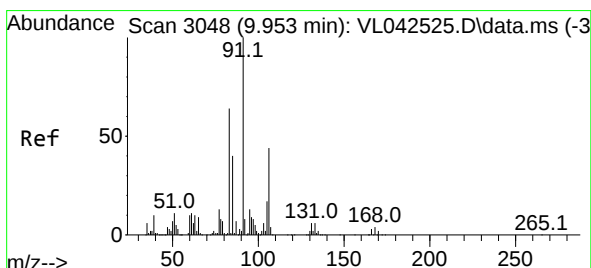
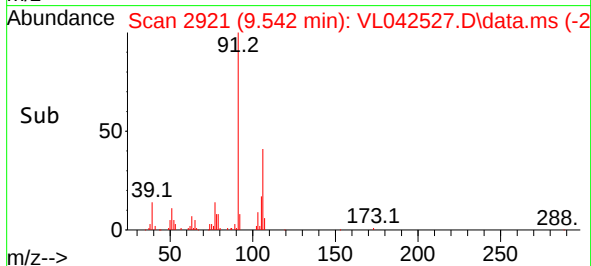
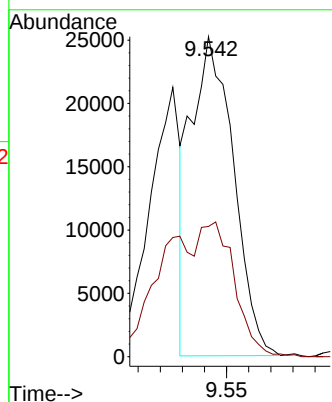
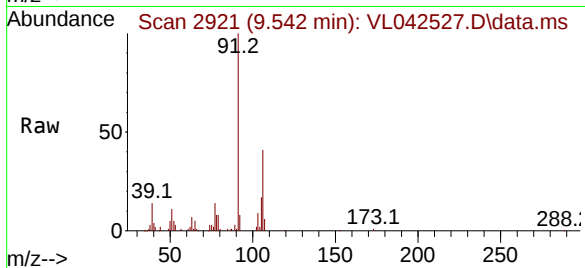
VSTDIC001

Tgt Ion: 91 Resp: 33567

Ion Ratio Lower Upper

91 100

106 72.3 0.0 0.0#



#60

o-Xylene

Concen: 0.854 ppbv

RT: 9.956 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VL042527.D

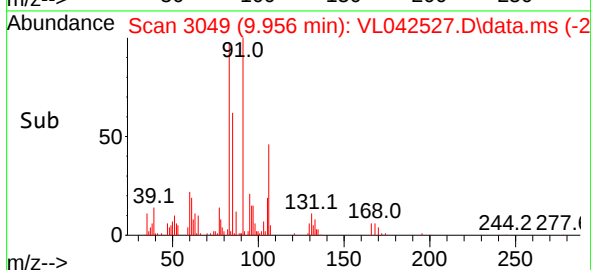
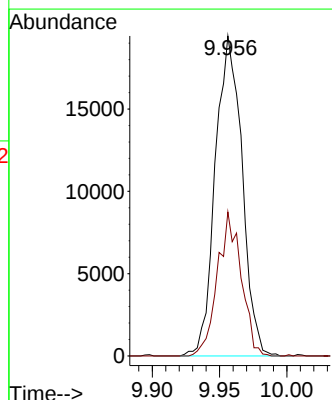
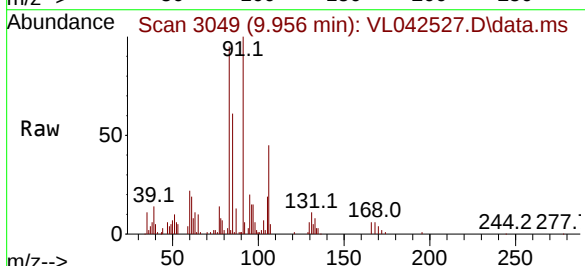
Acq: 12 May 2025 10:07

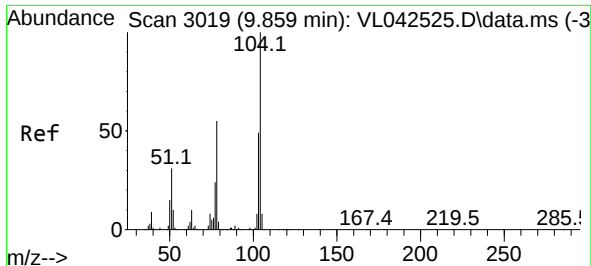
Tgt Ion: 91 Resp: 26834

Ion Ratio Lower Upper

91 100

106 40.1 21.6 64.6

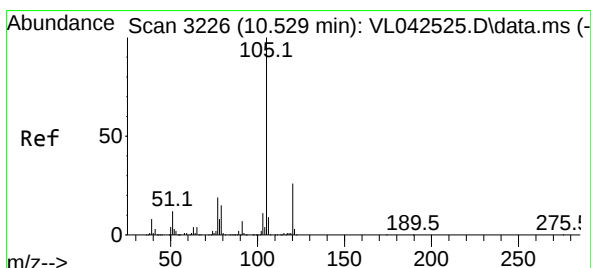
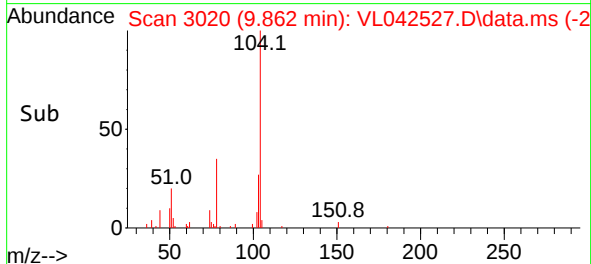
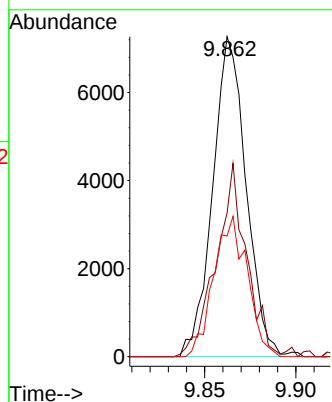
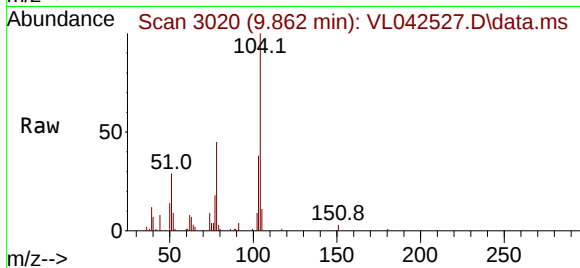




#61
Styrene
Concen: 0.800 ppbv
RT: 9.862 min Scan# 3019
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

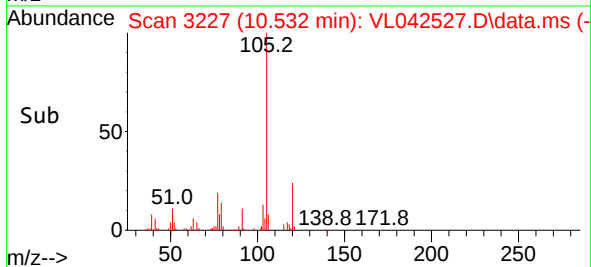
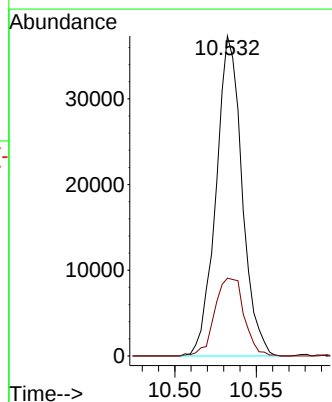
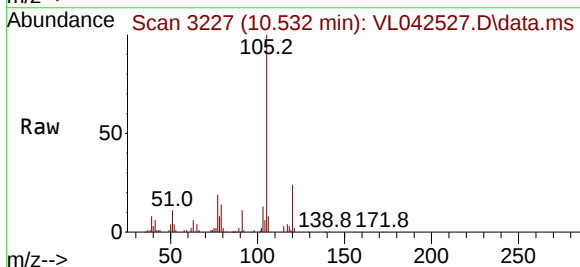
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

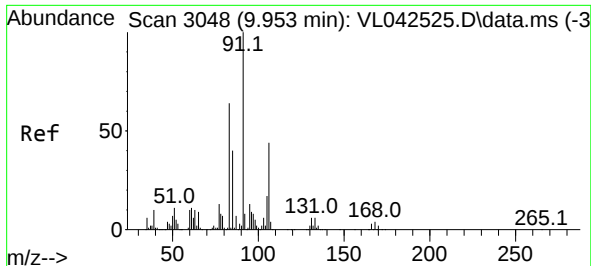
Tgt Ion:104 Resp: 9259
Ion Ratio Lower Upper
104 100
78 55.5 44.7 67.1
103 44.0 38.6 58.0



#62
Isopropylbenzene
Concen: 0.877 ppbv
RT: 10.532 min Scan# 3227
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion:105 Resp: 41504
Ion Ratio Lower Upper
105 100
120 27.4 20.1 30.1





#63

1,1,2,2-Tetrachloroethane

Concen: 0.930 ppbv

RT: 9.956 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

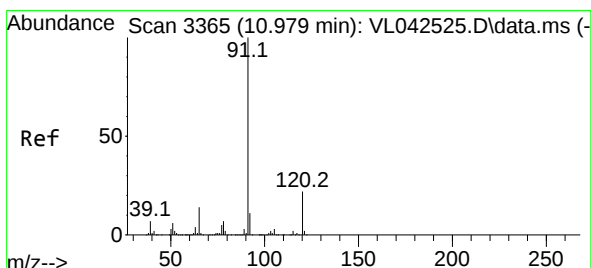
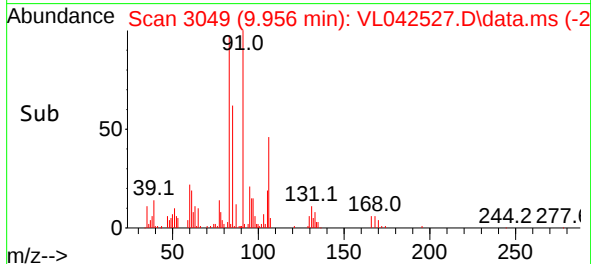
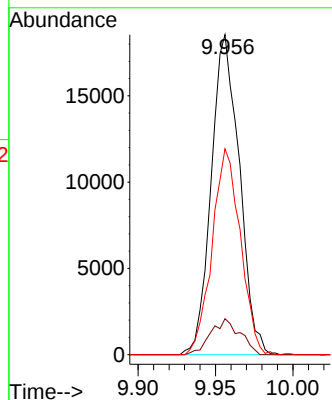
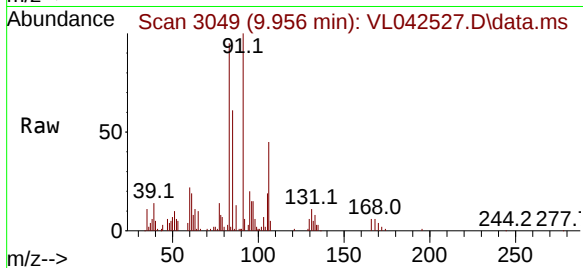
Tgt Ion: 83 Resp: 23419

Ion Ratio Lower Upper

83 100

131 11.7 4.9 14.7

85 64.6 32.3 96.8



#64

n-propylbenzene

Concen: 0.870 ppbv

RT: 10.985 min Scan# 3367

Delta R.T. 0.006 min

Lab File: VL042527.D

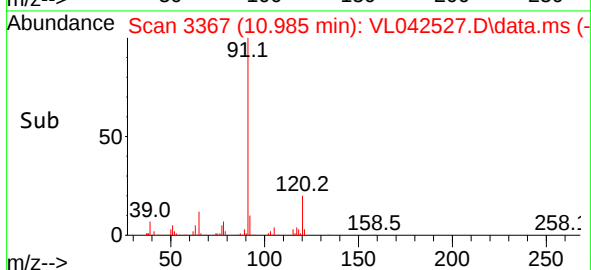
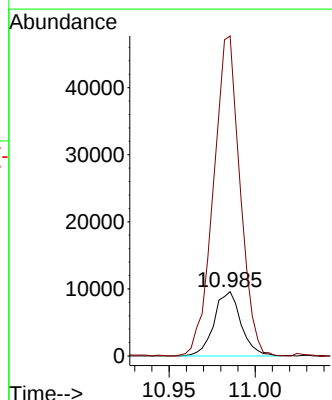
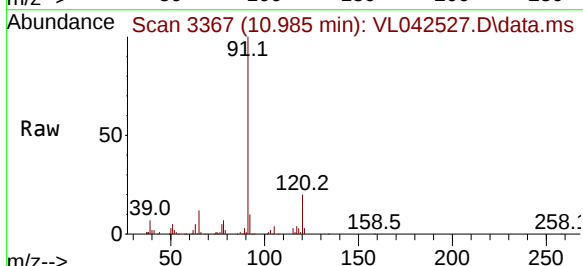
Acq: 12 May 2025 10:07

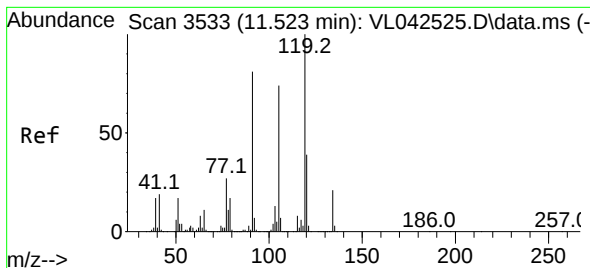
Tgt Ion: 120 Resp: 10433

Ion Ratio Lower Upper

120 100

91 491.4 377.7 566.5





#65

tert-Butylbenzene

Concen: 0.878 ppbv

RT: 11.526 min Scan# 3534

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC001

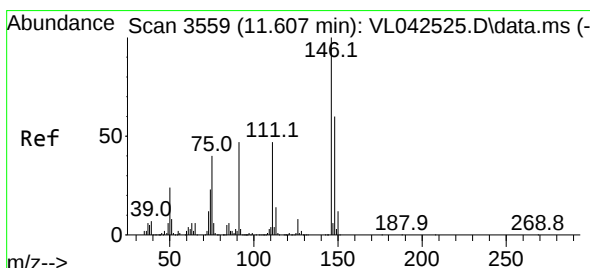
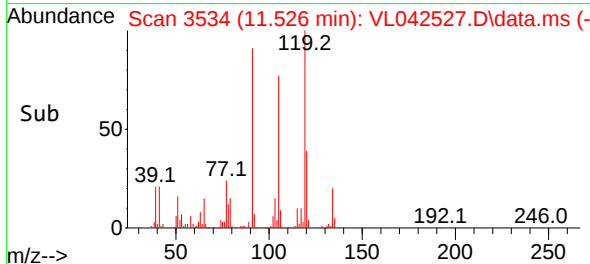
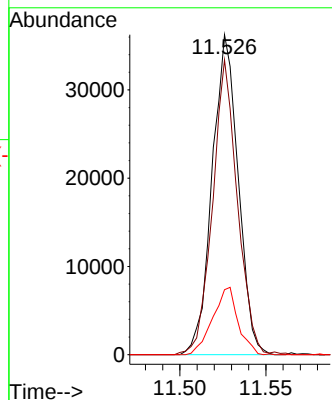
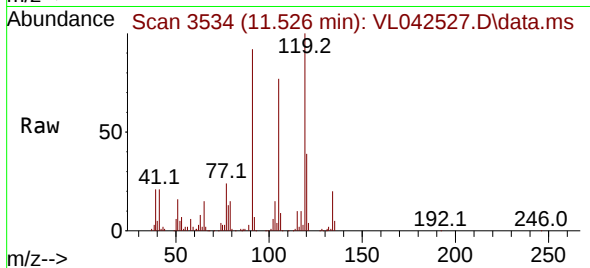
Tgt Ion:119 Resp: 38176

Ion Ratio Lower Upper

119 100

91 87.9 66.6 99.8

134 20.5 16.3 24.5



#66

Benzyl Chloride

Concen: 0.839 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. -0.000 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

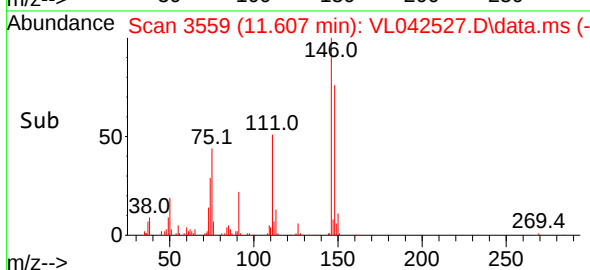
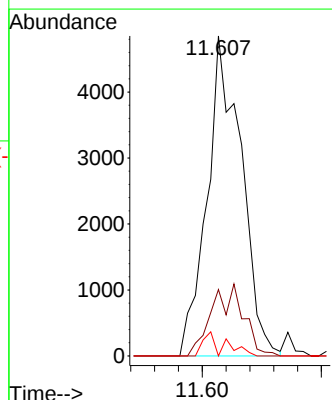
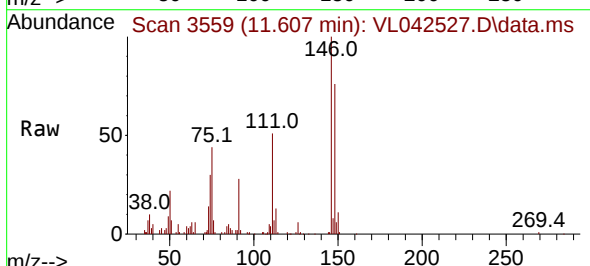
Tgt Ion: 91 Resp: 4826

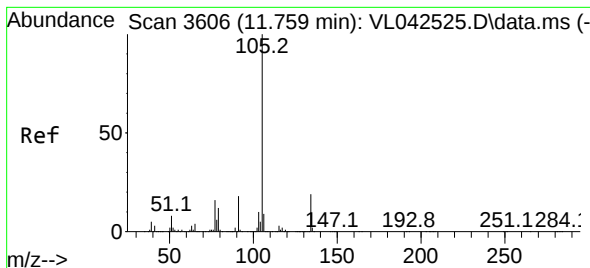
Ion Ratio Lower Upper

91 100

126 21.0 13.7 20.5#

128 4.6 4.2 6.2





#67

sec-Butylbenzene

Concen: 0.909 ppbv

RT: 11.762 min Scan# 3607

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Instrument :

MSVOA_L

ClientSampleId :

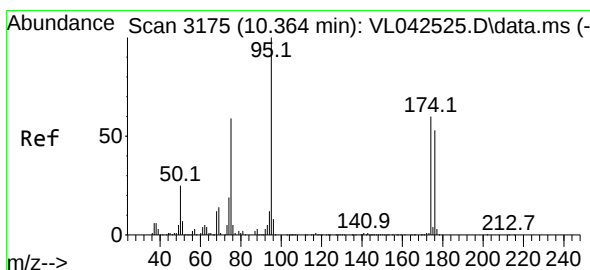
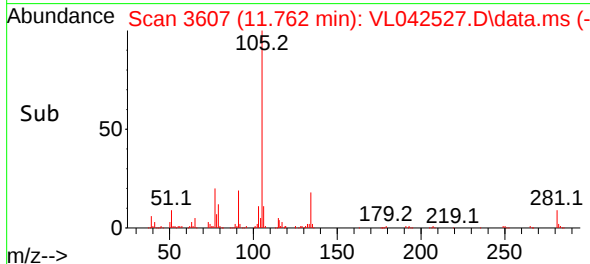
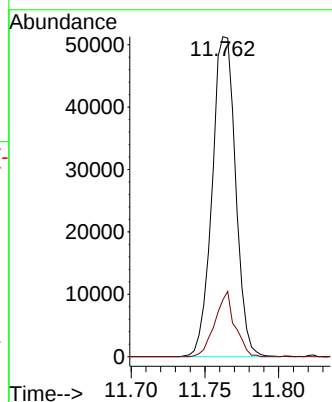
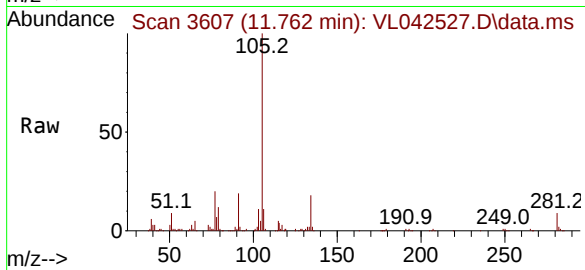
VSTDIC001

Tgt Ion:105 Resp: 56638

Ion Ratio Lower Upper

105 100

134 17.2 14.9 22.3



#68

1-Bromo-4-Fluorobenzene

Concen: 10.029 ppbv

RT: 10.370 min Scan# 3177

Delta R.T. 0.006 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

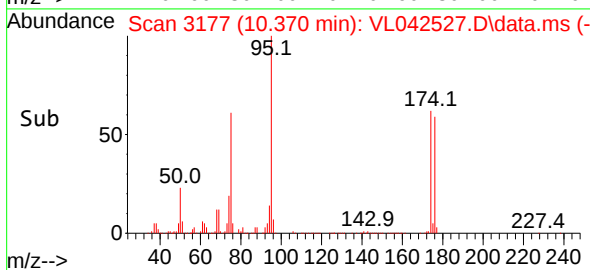
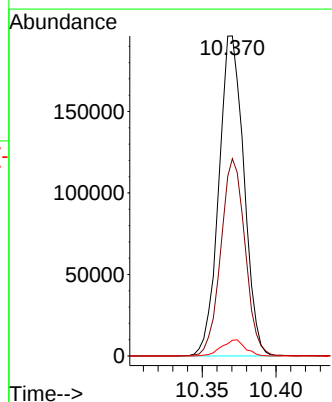
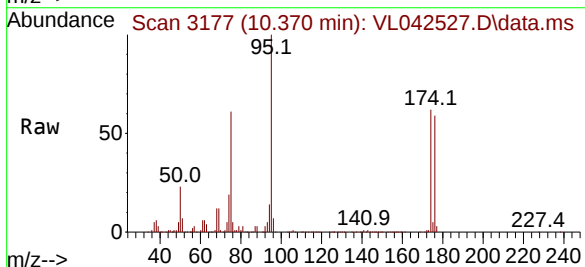
Tgt Ion: 95 Resp: 231970

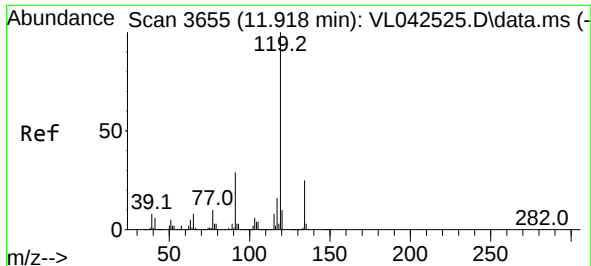
Ion Ratio Lower Upper

95 100

174 59.8 48.0 72.0

175 4.7 3.5 5.3

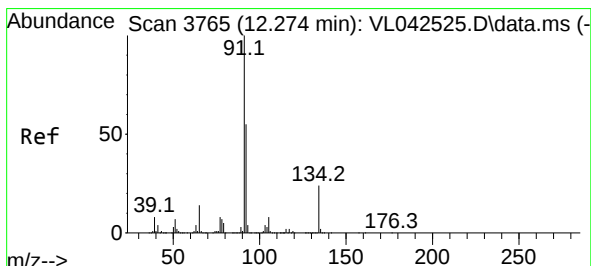
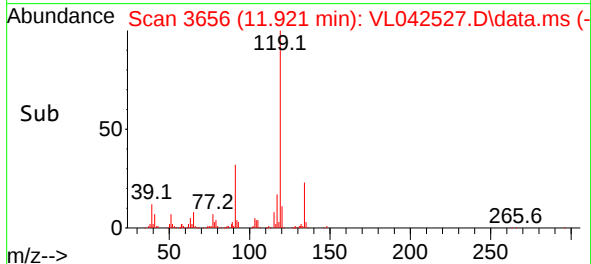
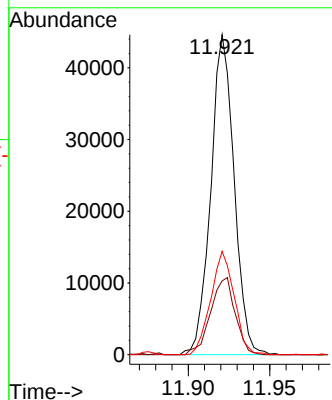
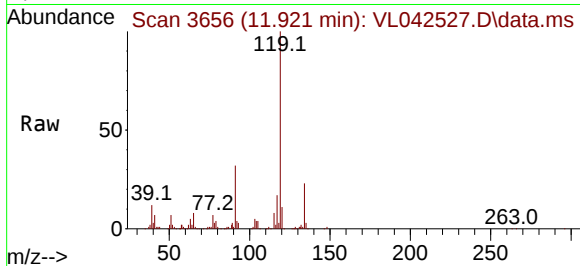




#69
p-Isopropyltoluene
Concen: 0.867 ppbv
RT: 11.921 min Scan# 3656
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

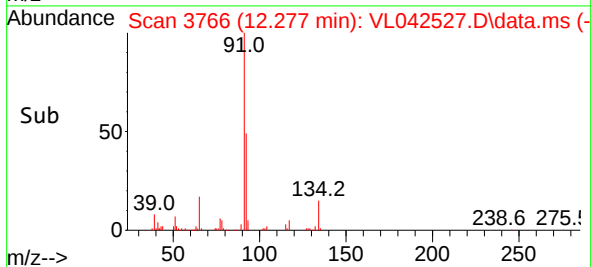
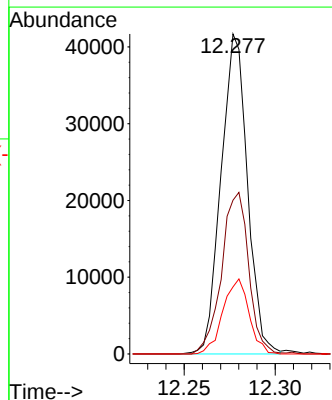
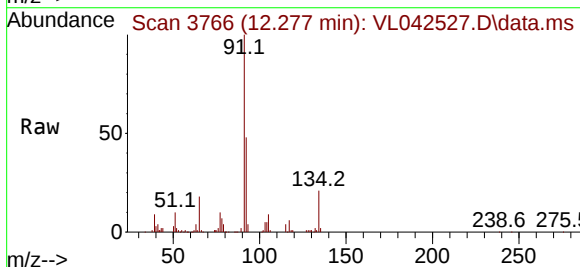
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

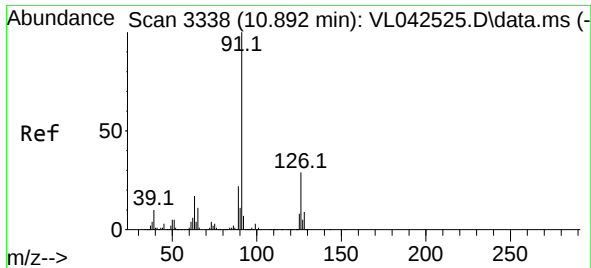
Tgt Ion:119 Resp: 44406
Ion Ratio Lower Upper
119 100
134 25.4 19.8 29.6
91 32.5 23.6 35.4



#70
n-Butylbenzene
Concen: 0.827 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion: 91 Resp: 41878
Ion Ratio Lower Upper
91 100
92 52.0 43.7 65.5
134 23.2 18.9 28.3

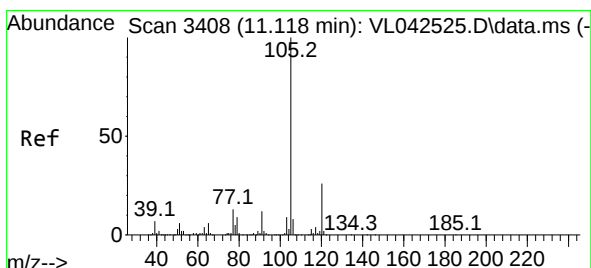
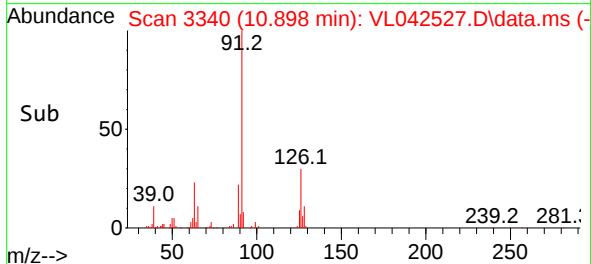
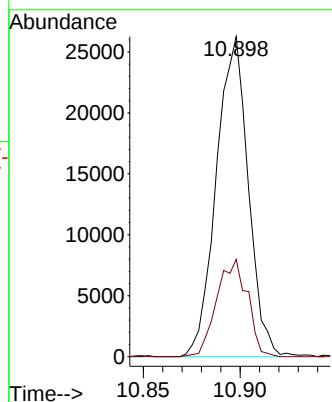
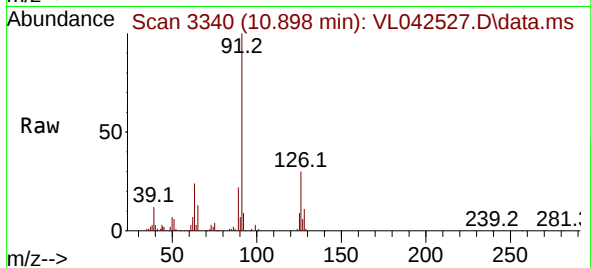




#71
2-Chlorotoluene
Concen: 0.839 ppbv
RT: 10.898 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

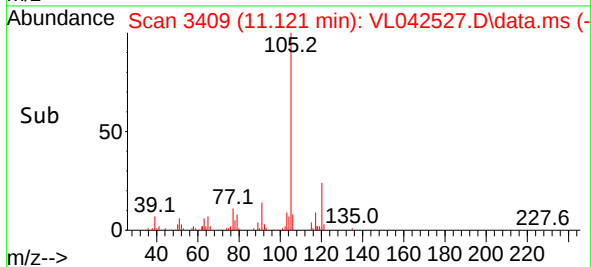
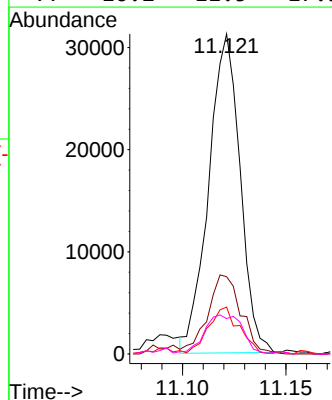
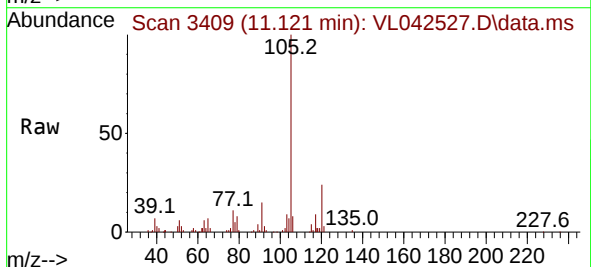
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

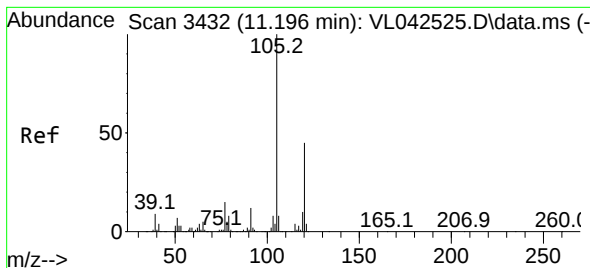
Tgt Ion: 91 Resp: 30070
Ion Ratio Lower Upper
91 100
126 29.3 11.4 45.6



#72
4-Ethyltoluene
Concen: 0.847 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion:105 Resp: 33030
Ion Ratio Lower Upper
105 100
120 28.5 22.9 34.3
91 16.5 10.9 16.3#
77 16.2 11.5 17.3





#73

1,3,5-Trimethylbenzene

Concen: 0.867 ppbv

RT: 11.199 min Scan# 3433

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Instrument :

MSVOA_L

ClientSampleId :

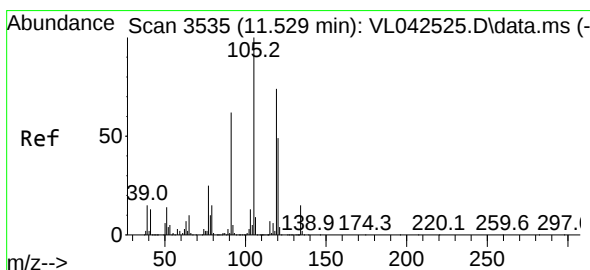
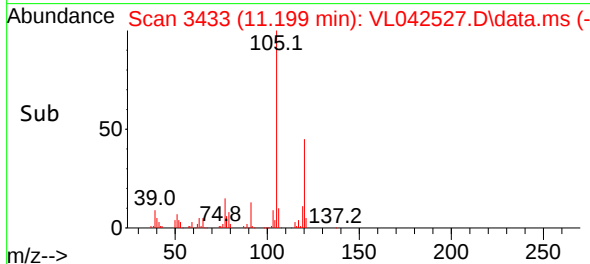
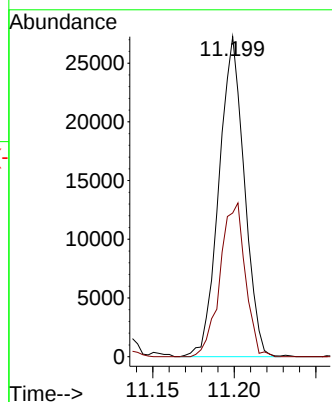
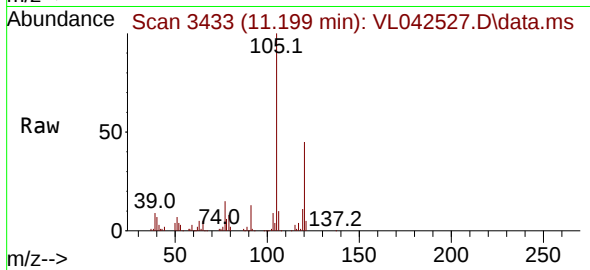
VSTDIC001

Tgt Ion:105 Resp: 29442

Ion Ratio Lower Upper

105 100

120 44.9 36.0 54.0



#74

1,2,4-Trimethylbenzene

Concen: 0.970 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Tgt Ion:105 Resp: 40544

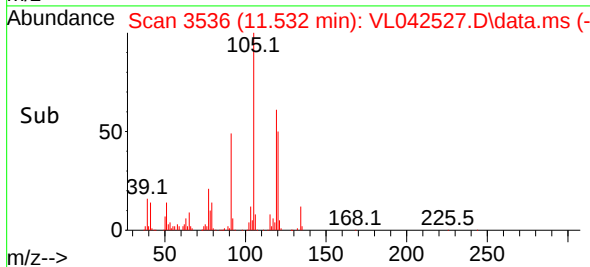
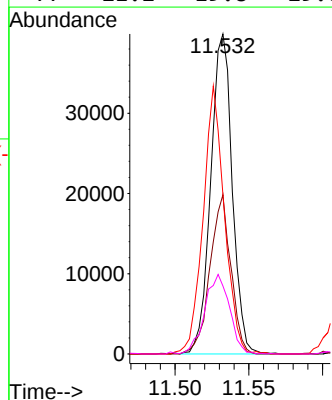
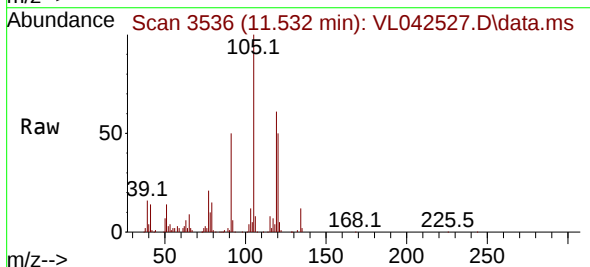
Ion Ratio Lower Upper

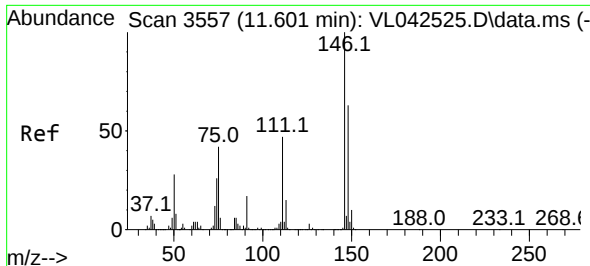
105 100

120 49.7 39.0 58.6

91 49.8 49.4 74.2

77 21.2 19.8 29.6

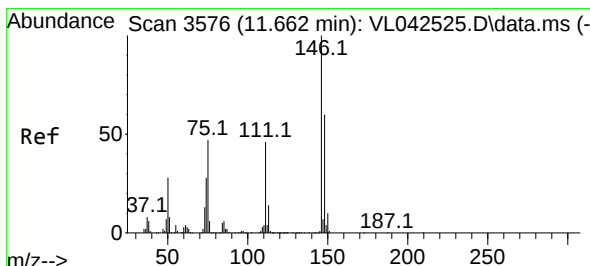
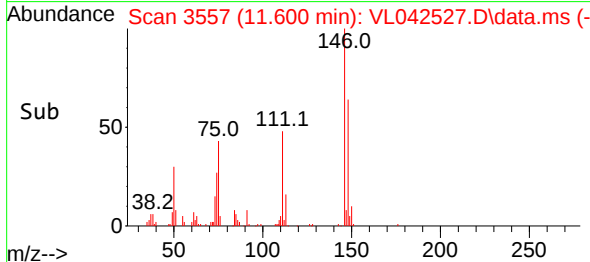
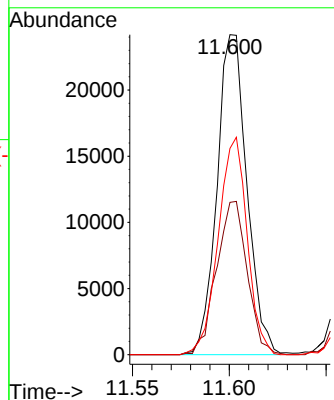
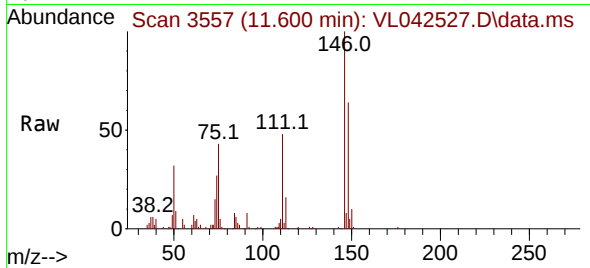




#75
1,3-Dichlorobenzene
Concen: 0.994 ppbv
RT: 11.600 min Scan# 3557
Delta R.T. -0.000 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

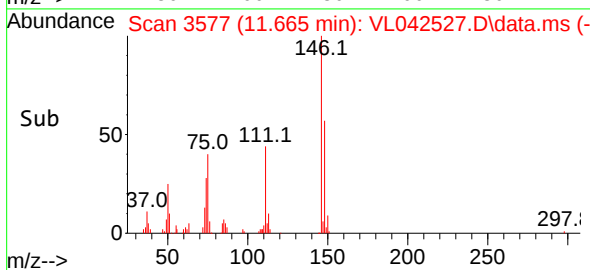
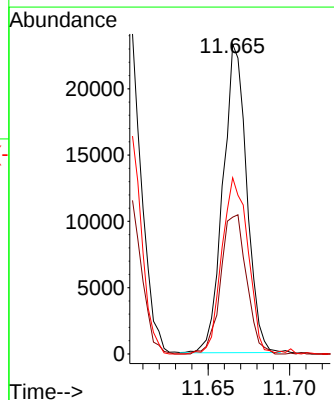
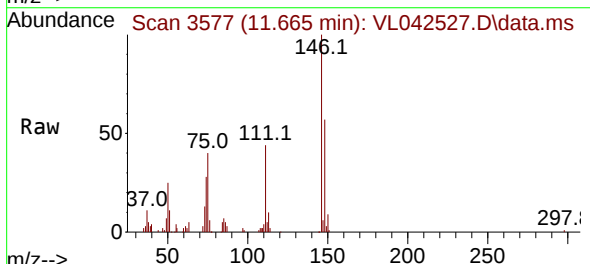
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

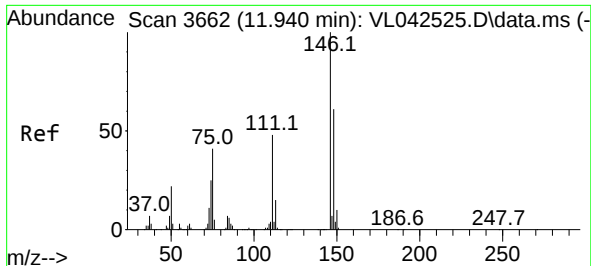
Tgt Ion:146 Resp: 26018
Ion Ratio Lower Upper
146 100
111 49.3 23.6 71.0
148 65.6 31.6 94.8



#76
1,4-Dichlorobenzene
Concen: 0.947 ppbv
RT: 11.665 min Scan# 3577
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion:146 Resp: 23564
Ion Ratio Lower Upper
146 100
111 49.1 23.4 70.3
148 63.4 31.6 94.7

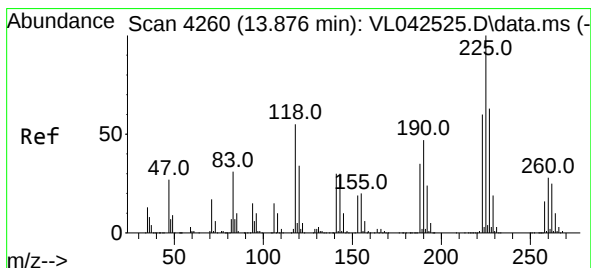
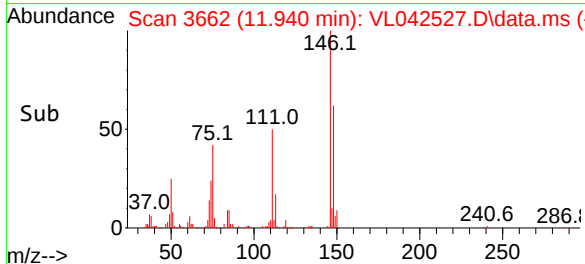
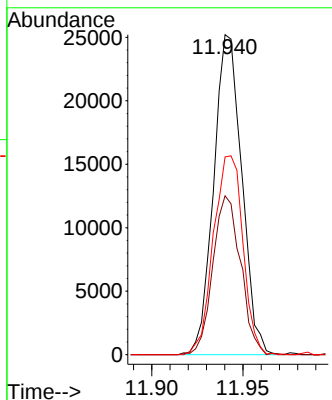
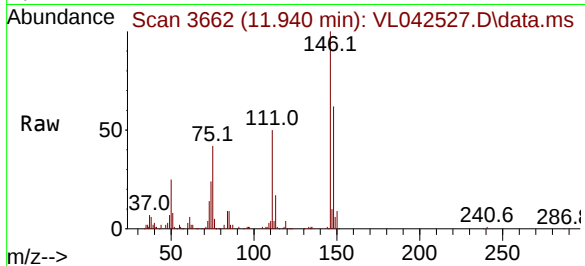




#77
1,2-Dichlorobenzene
Concen: 0.998 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. -0.000 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

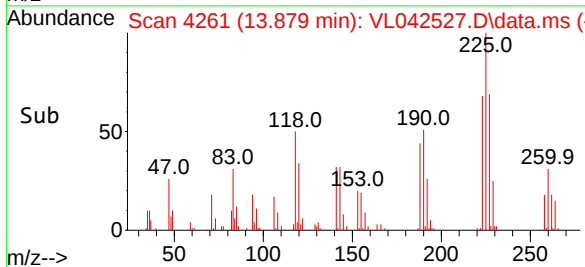
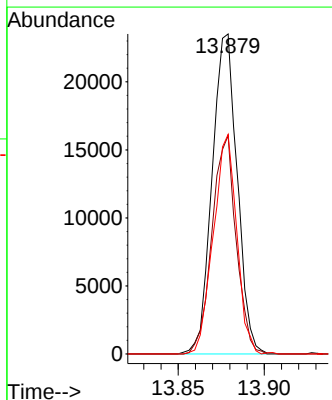
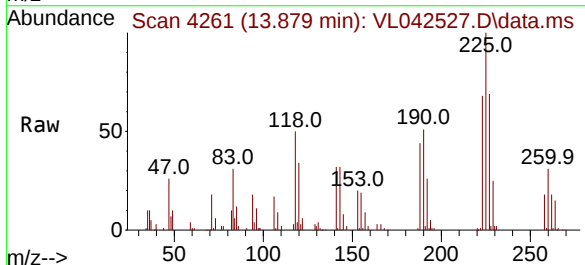
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

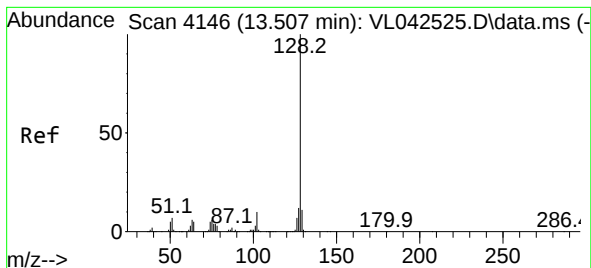
Tgt Ion:146 Resp: 26975
Ion Ratio Lower Upper
146 100
111 49.1 24.9 74.8
148 65.4 31.4 94.2



#78
Hexachloro-1,3-Butadiene
Concen: 1.028 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. 0.003 min
Lab File: VL042527.D
Acq: 12 May 2025 10:07

Tgt Ion:225 Resp: 23824
Ion Ratio Lower Upper
225 100
223 65.5 50.8 76.2
227 64.1 50.5 75.7





#79

Naphthalene

Concen: 0.846 ppbv

RT: 13.510 min Scan# 4146

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

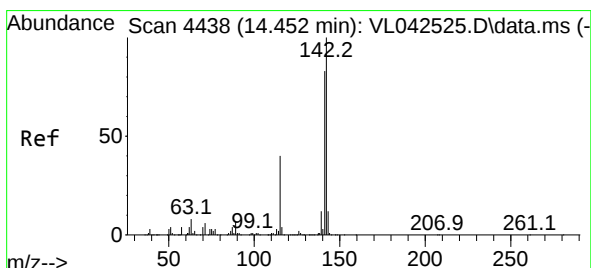
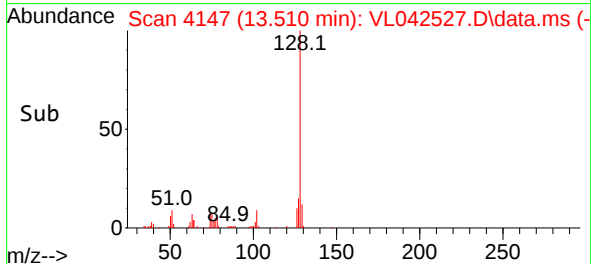
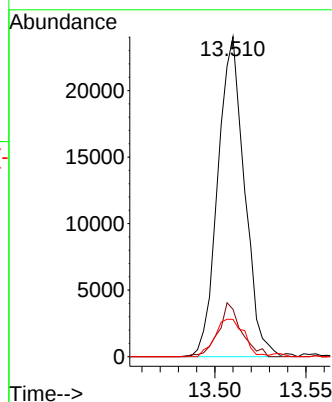
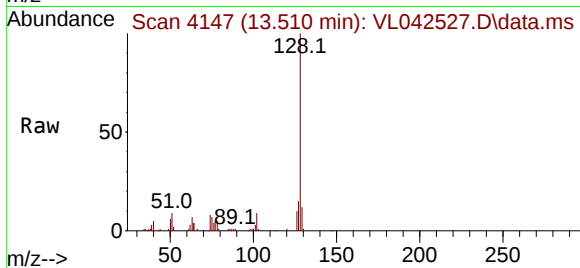
Tgt Ion:128 Resp: 24409

Ion Ratio Lower Upper

128 100

127 14.8 9.8 14.8#

129 11.7 8.6 12.8



#80

Naphthalene,2-methyl-

Concen: 0.541 ppbv

RT: 14.455 min Scan# 4439

Delta R.T. 0.003 min

Lab File: VL042527.D

Acq: 12 May 2025 10:07

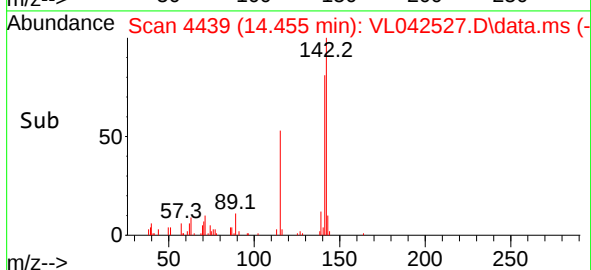
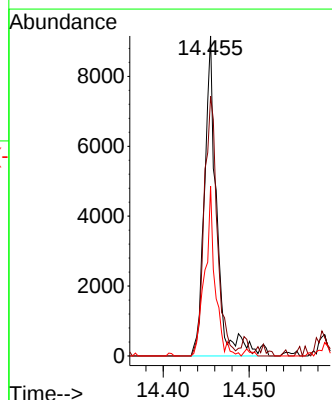
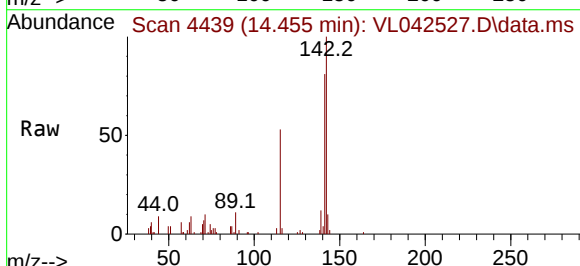
Tgt Ion:142 Resp: 9088

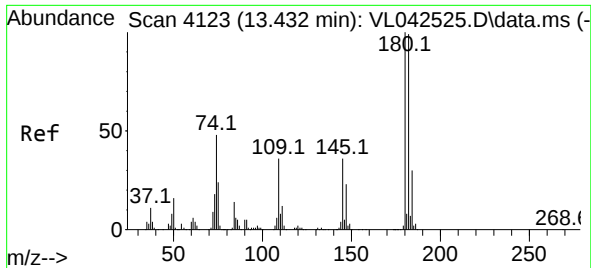
Ion Ratio Lower Upper

142 100

141 85.9 66.8 100.2

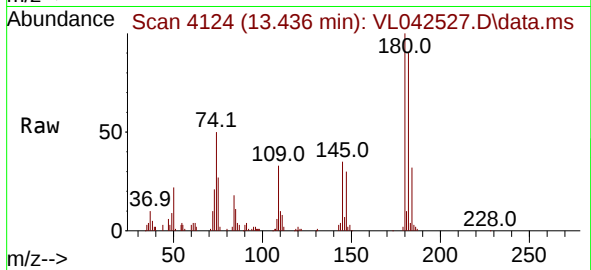
115 44.2 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 0.829 ppbv
 RT: 13.436 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042527.D
 Acq: 12 May 2025 10:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:	180	Resp:	14600
Ion Ratio	Lower	Upper	
180	100		
182	98.0	76.6	114.8
184	35.3	24.6	36.8

