

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051225\
 Data File : VL042529.D
 Acq On : 12 May 2025 11:15
 Operator : SY/MD
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: May 12 23:48:49 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	2.777	49	100628	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	280717	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.869	117	240256	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	201627	9.645	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.547	85	1498	0.092	ppbv	90
3) Chlorodifluoromethane	1.470	51	2137	0.128	ppbv	91
4) Chloromethane	1.525	50	1000	0.150	ppbv #	67
5) Vinyl Chloride	1.573	62	809	0.119	ppbv #	81
6) Bromomethane	1.664	94	486	0.150	ppbv #	60
7) Chloroethane	1.700	64	256	0.095	ppbv #	43
8) Dichlorotetrafluoroethane	1.547	85	1498	0.107	ppbv #	78
9) Propene	1.483	41	98	0.027	ppbv #	85
10) Heptane	4.962	43	342	0.025	ppbv #	1
11) Trichlorofluoromethane	1.868	101	1910	0.122	ppbv	93
12) 1,1,2-Trichlorotrifluo...	2.130	101	1510	0.120	ppbv	88
13) Ethanol	1.716	45	327	0.331	ppbv	64
14) Bromoethene	1.774	108	419	0.091	ppbv #	27
15) Acetone	1.832	43	3316	0.206	ppbv	97
16) 1,3-Butadiene	1.602	39	1125	0.156	ppbv	89
17) tert-Butyl alcohol	2.036	59	1734	0.117	ppbv #	78
18) 1,1-Dichloroethene	2.026	96	653	0.118	ppbv #	80
19) Isopropyl Alcohol	1.881	45	1243	0.142	ppbv #	95
20) Methylene Chloride	2.049	84	1481	0.265	ppbv #	76
21) Allyl Chloride	2.088	41	1337	0.126	ppbv #	41
22) trans-1,2-Dichloroethene	2.331	96	774	0.120	ppbv	85
23) Vinyl Acetate	2.457	43	2412	0.143	ppbv #	51
24) 1,1-Dichloroethane	2.402	63	1550	0.124	ppbv	99
25) Ethyl Acetate	2.832	43	1976	0.070	ppbv #	87
26) Hexane	2.816	57	983	0.085	ppbv #	2
27) Carbon Disulfide	2.140	76	1657	0.111	ppbv #	1
28) Methyl tert-Butyl Ether	2.434	73	803	0.125	ppbv #	81
29) Chloroform	2.839	83	2409	0.100	ppbv	93
30) Cyclohexane	3.836	84	610	0.064	ppbv #	62
31) cis-1,2-Dichloroethene	2.331	61	1417	0.108	ppbv	96
32) 1,1,1-Trichloroethane	3.353	97	2575	0.106	ppbv	95
34) 2-Butanone	2.554	43	2094	0.113	ppbv	94
35) Carbon Tetrachloride	3.745	117	1669	0.066	ppbv #	80
36) Benzene	3.645	78	2494	0.100	ppbv #	77
37) 1,2-Dichloroethane	3.208	62	1682	0.095	ppbv	99
38) Trichloroethene	4.528	130	695	0.065	ppbv #	28
39) 1,2-Dichloropropane	3.942	63	71407	7.711	ppbv #	17
40) 1,4-Dioxane	4.600	88	224	0.061	ppbv #	18
41) Tetrahydrofuran	3.043	42	50	0.006	ppbv #	36
42) Bromodichloromethane	4.480	83	1535	0.065	ppbv #	78
43) Methyl Methacrylate	4.865	69	289	0.035	ppbv #	1
44) 2,2,4-Trimethylpentane	4.629	57	1172	0.030	ppbv #	6
45) t-1,3-Dichloropropene	6.383	75	127	0.012	ppbv	97

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Quant Time: May 12 23:48:49 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
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.583	75	510	0.040	ppbv #	57
47) 1,1,2-Trichloroethane	6.564	97	297	0.027	ppbv #	29
48) Dibromochloromethane	7.370	129	632	0.035	ppbv #	1
49) Bromoform	9.474	173	723	0.048	ppbv #	5
50) 4-Methyl-2-Pentanone	5.729	43	50	0.002	ppbv #	39
51) 2-Hexanone	7.432	43	578	0.036	ppbv #	38
52) Tetrachloroethene	8.212	164	785	0.082	ppbv #	80
53) Toluene	6.901	91	444	0.018	ppbv #	1
54) 1,2-Dibromoethane	7.852	107	40	0.003	ppbv	92
56) 1,1,1,2-Tetrachloroethane	8.917	131	779	0.052	ppbv #	1
57) Chlorobenzene	8.908	112	2579	0.107	ppbv	96
58) Ethyl Benzene	9.542	91	921	0.028	ppbv	90
59) m/p-Xylene	9.542	91	921	0.032	ppbv #	100
60) o-Xylene	9.950	91	1267	0.045	ppbv #	33
61) Styrene	9.856	104	508	0.049	ppbv #	52
62) Isopropylbenzene	10.532	105	1683	0.039	ppbv #	61
63) 1,1,2,2-Tetrachloroethane	9.950	83	2194	0.096	ppbv	97
64) n-propylbenzene	10.982	120	565	0.052	ppbv	88
65) tert-Butylbenzene	11.526	119	809	0.021	ppbv #	1
66) Benzyl Chloride	11.604	91	329	0.063	ppbv #	66
67) sec-Butylbenzene	11.762	105	1718	0.031	ppbv #	88
69) p-Isopropyltoluene	11.918	119	2080	0.045	ppbv	95
70) n-Butylbenzene	12.270	91	1876	0.041	ppbv #	87
71) 2-Chlorotoluene	10.532	91	67	0.002	ppbv	97
72) 4-Ethyltoluene	11.121	105	738	0.021	ppbv #	45
73) 1,3,5-Trimethylbenzene	11.196	105	1777	0.058	ppbv #	54
74) 1,2,4-Trimethylbenzene	11.526	105	1921	0.051	ppbv #	83
75) 1,3-Dichlorobenzene	11.607	146	536	0.023	ppbv #	1
76) 1,4-Dichlorobenzene	11.662	146	835	0.037	ppbv #	23
77) 1,2-Dichlorobenzene	11.940	146	1567	0.064	ppbv	75
78) Hexachloro-1,3-Butadiene	13.876	225	2199	0.105	ppbv	93
79) Naphthalene	13.510	128	1152	0.044	ppbv #	68
80) Naphthalene,2-methyl-	14.458	142	372	0.025	ppbv #	74
81) 1,2,4-Trichlorobenzene	13.429	180	179	0.011	ppbv #	12

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

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VSTDICC0.1

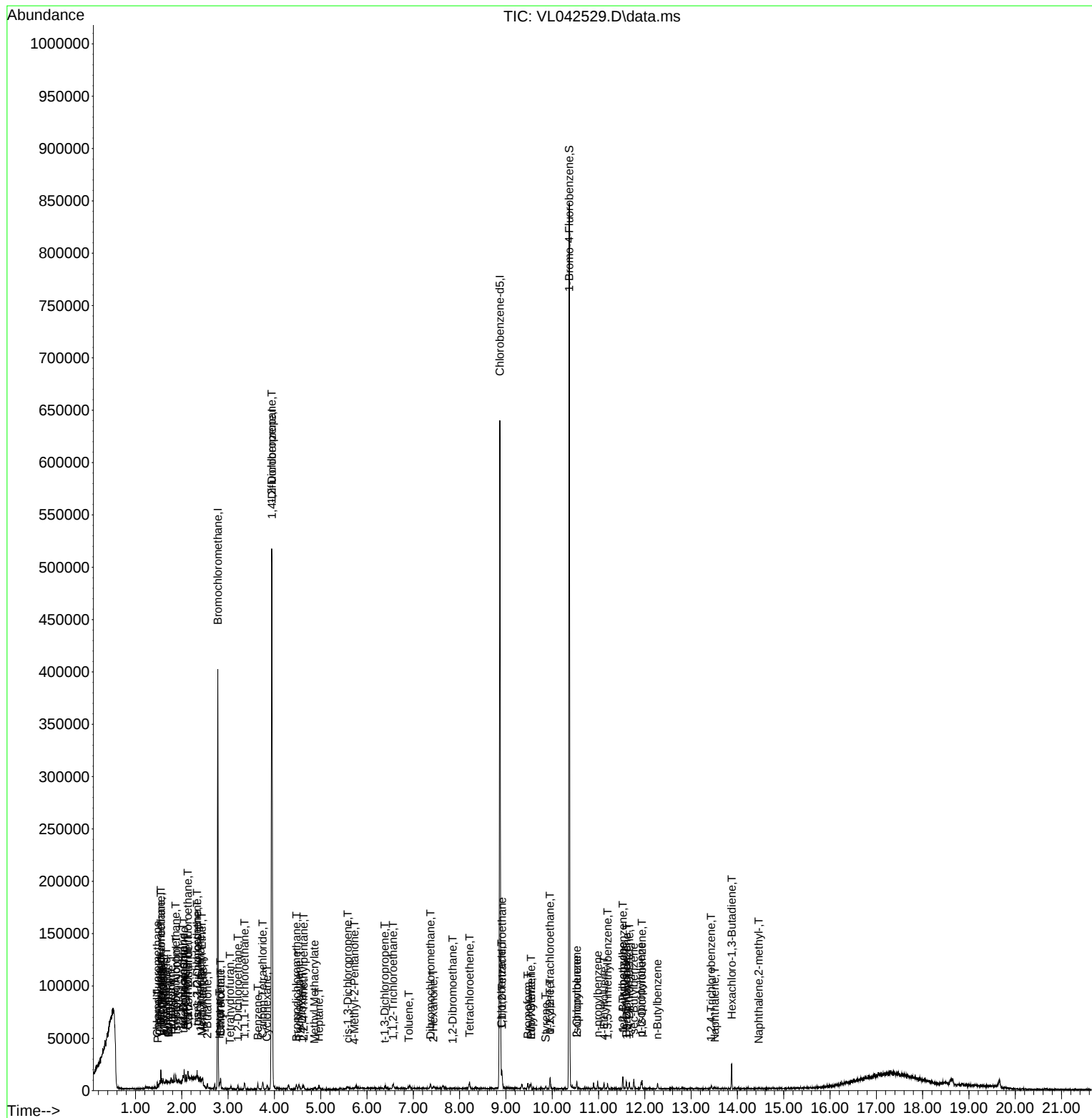
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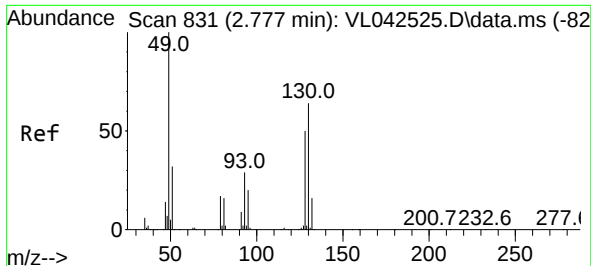
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M

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QLast Update : Mon May 12 23:42:45 2025

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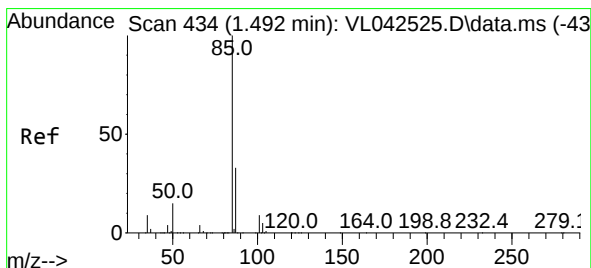
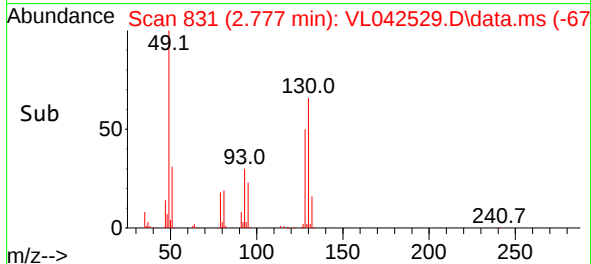
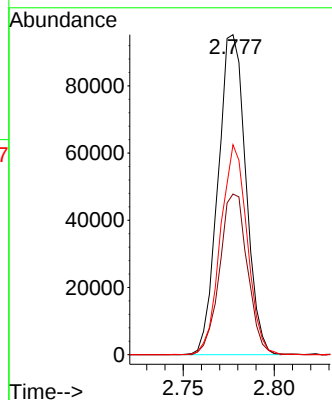
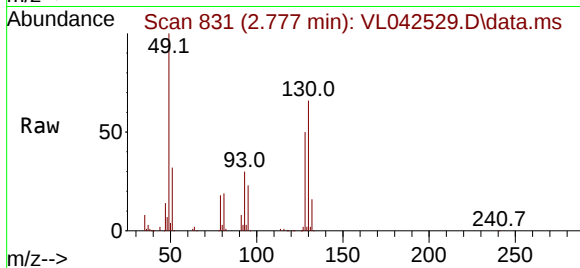




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.777 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

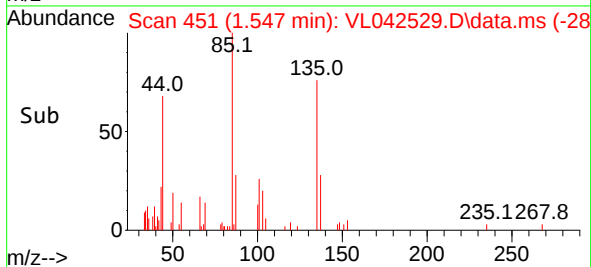
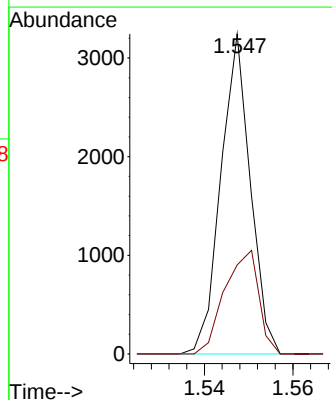
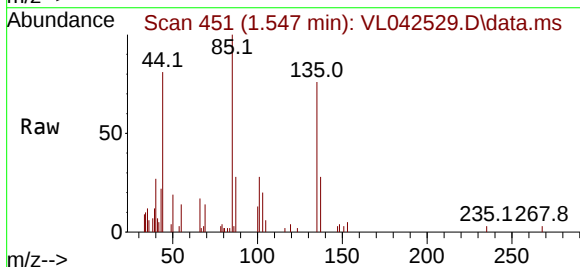
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

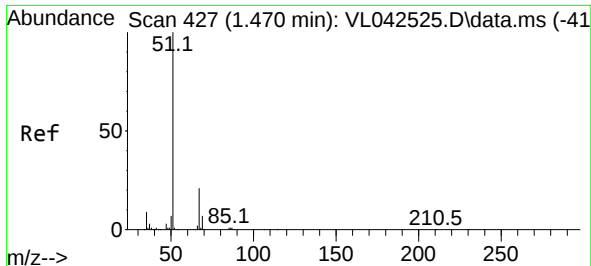
Tgt Ion: 49 Resp: 100628
Ion Ratio Lower Upper
49 100
128 50.3 24.9 74.6
130 63.2 32.5 97.5



#2
Dichlorodifluoromethane
Concen: 0.092 ppbv
RT: 1.547 min Scan# 451
Delta R.T. 0.055 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 85 Resp: 1498
Ion Ratio Lower Upper
85 100
87 27.8 26.8 40.2

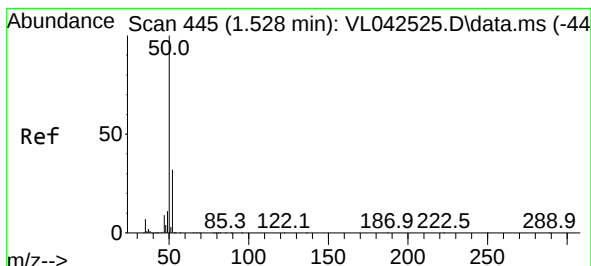
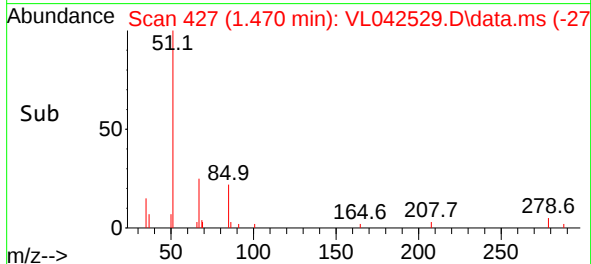
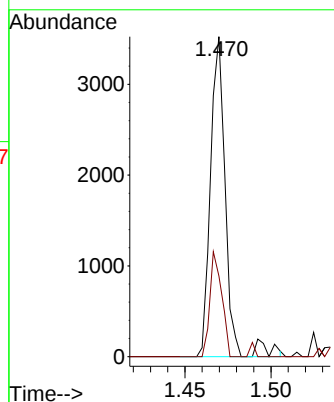
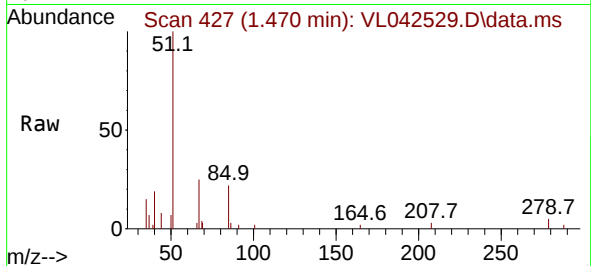




#3
Chlorodifluoromethane
Concen: 0.128 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

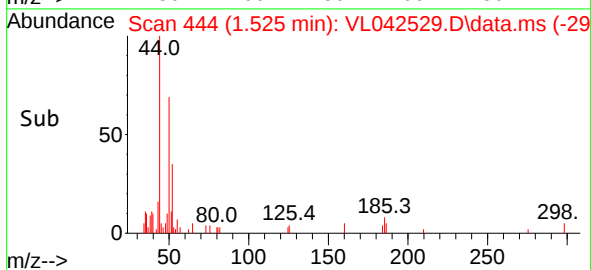
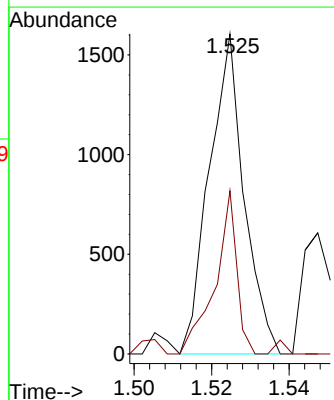
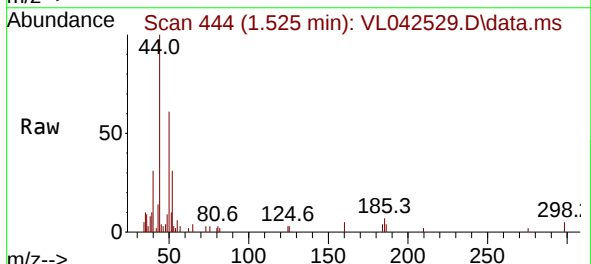
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

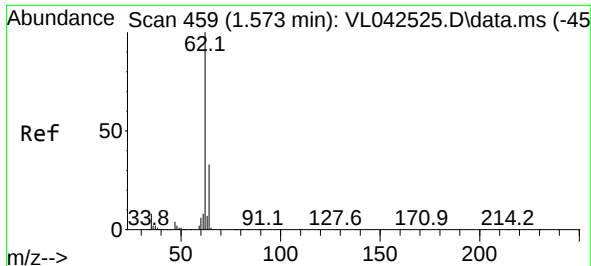
Tgt Ion: 51 Resp: 2137
Ion Ratio Lower Upper
51 100
67 25.8 17.4 26.0



#4
Chloromethane
Concen: 0.150 ppbv
RT: 1.525 min Scan# 444
Delta R.T. -0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 50 Resp: 1000
Ion Ratio Lower Upper
50 100
52 51.0 25.9 38.9#

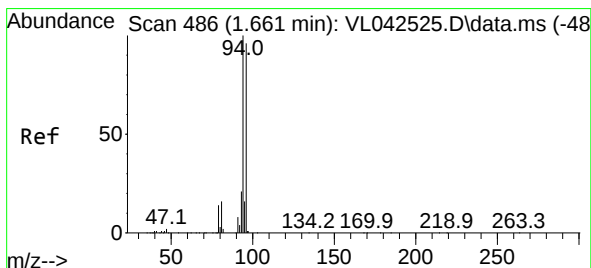
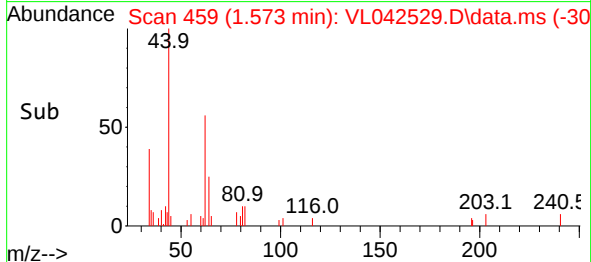
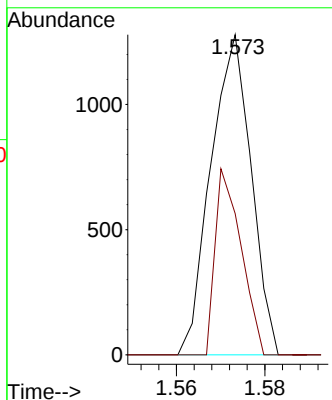
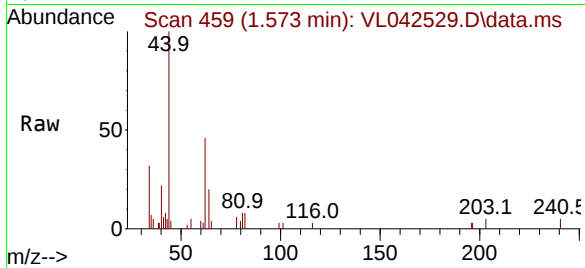




#5
 Vinyl Chloride
 Concen: 0.119 ppbv
 RT: 1.573 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042529.D
 Acq: 12 May 2025 11:15

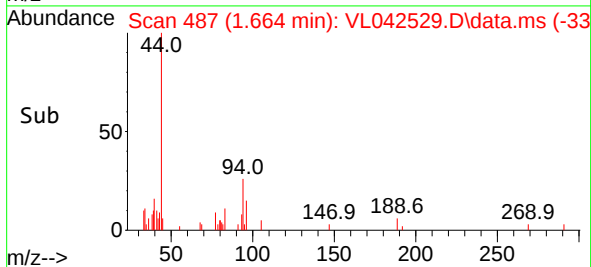
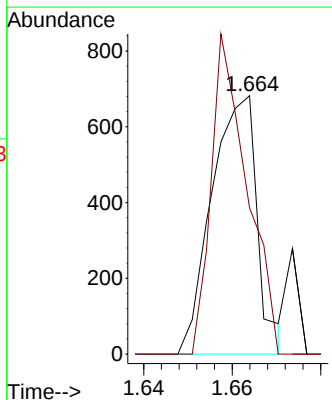
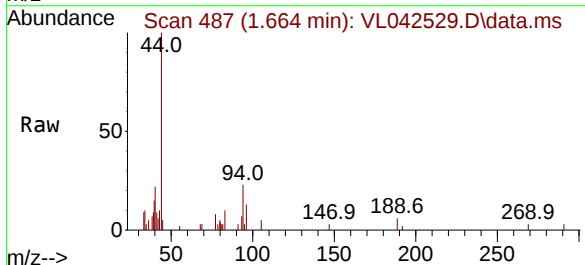
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 VSTDIC0.1

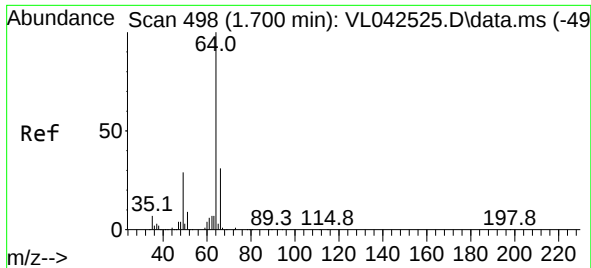
Tgt Ion: 62 Resp: 809
 Ion Ratio Lower Upper
 62 100
 64 44.1 26.5 39.7#



#6
 Bromomethane
 Concen: 0.150 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. 0.003 min
 Lab File: VL042529.D
 Acq: 12 May 2025 11:15

Tgt Ion: 94 Resp: 486
 Ion Ratio Lower Upper
 94 100
 96 56.6 76.9 115.3#

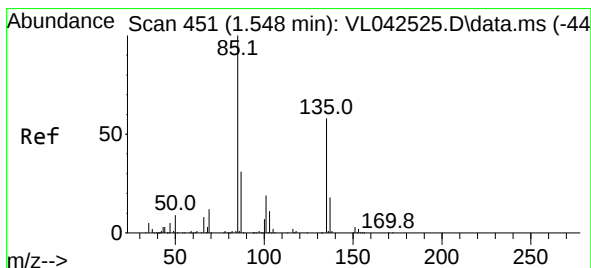
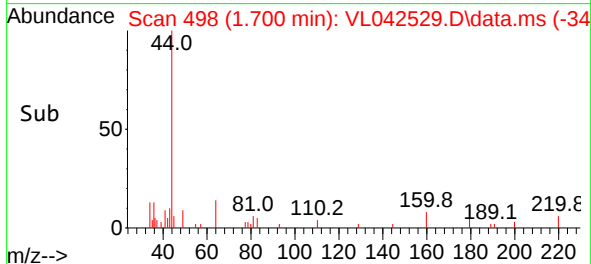
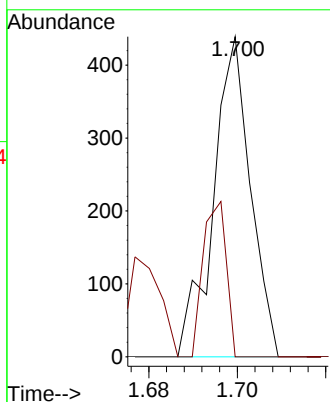
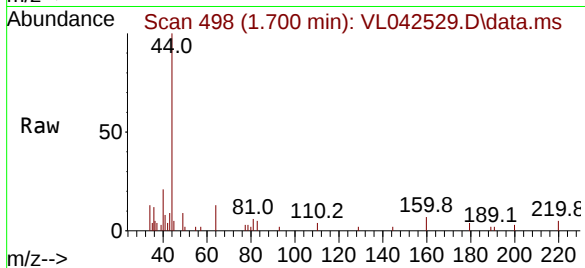




#7
Chloroethane
Concen: 0.095 ppbv
RT: 1.700 min Scan# 498
Delta R.T. -0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

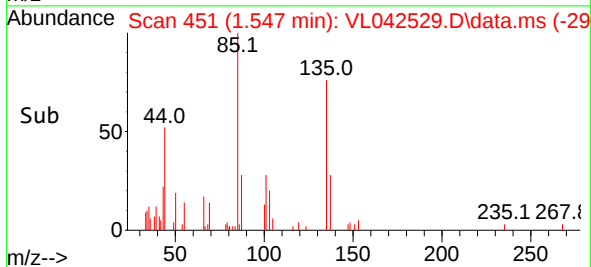
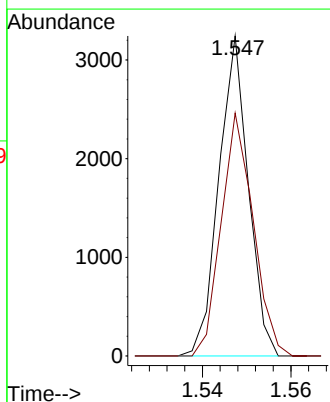
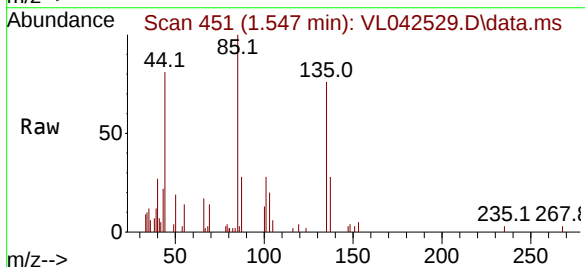
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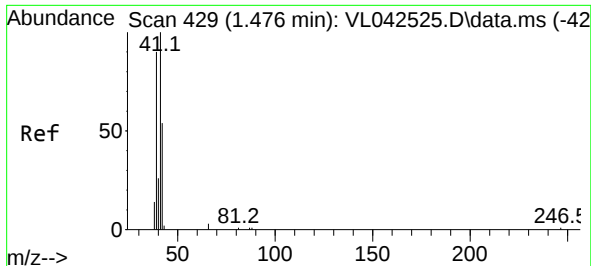
Tgt Ion: 64 Resp: 256
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#8
Dichlorotetrafluoroethane
Concen: 0.107 ppbv
RT: 1.547 min Scan# 451
Delta R.T. -0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 85 Resp: 1498
Ion Ratio Lower Upper
85 100
135 82.3 51.8 77.8#

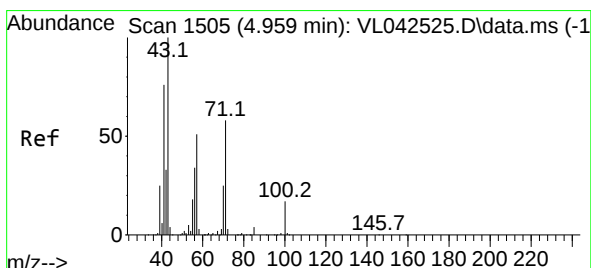
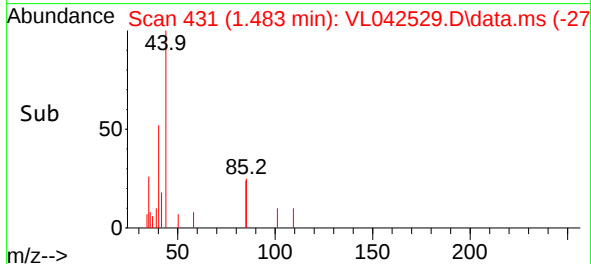
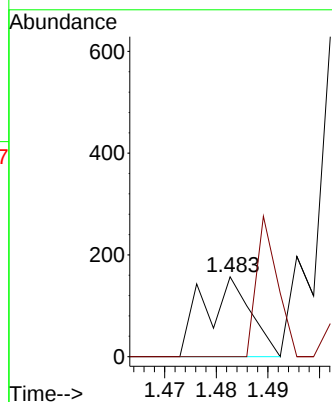
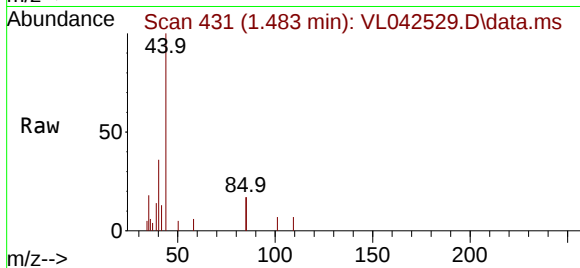




#9
 Propene
 Concen: 0.027 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL042529.D
 Acq: 12 May 2025 11:15

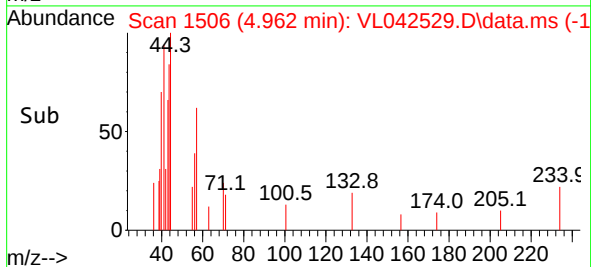
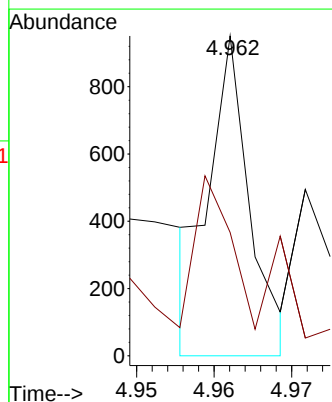
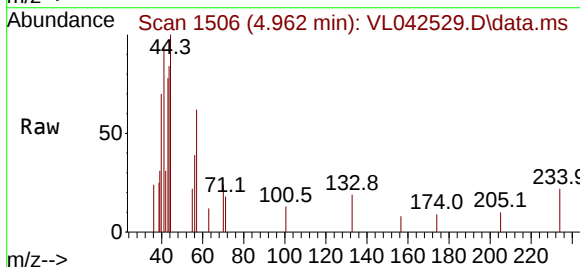
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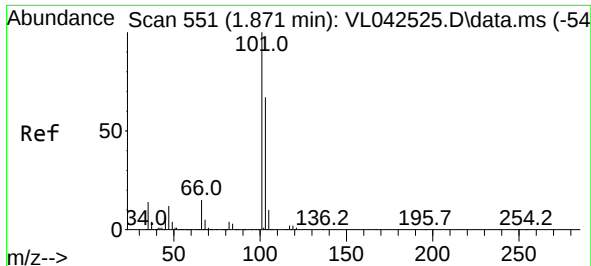
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 Ion Ratio Lower Upper
 41 100
 42 0.0 4.1 6.1#



#10
 Heptane
 Concen: 0.025 ppbv
 RT: 4.962 min Scan# 1506
 Delta R.T. 0.003 min
 Lab File: VL042529.D
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Tgt Ion: 43 Resp: 342
 Ion Ratio Lower Upper
 43 100
 57 130.4 42.1 63.1#

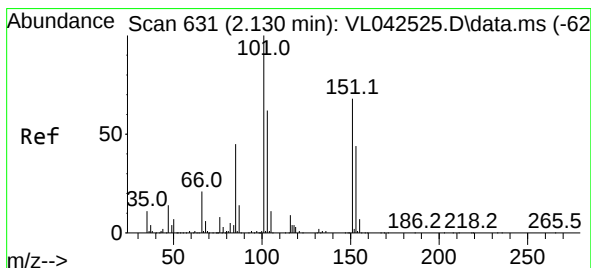
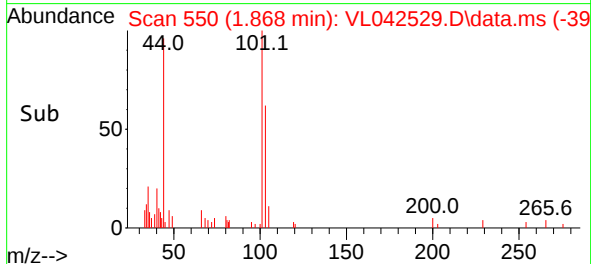
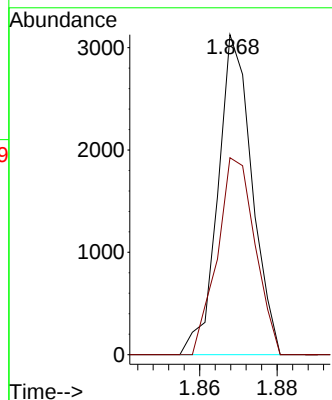
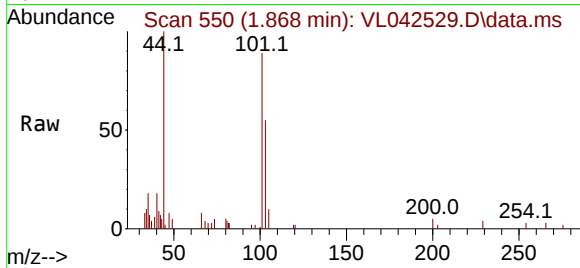




#11
 Trichlorofluoromethane
 Concen: 0.122 ppbv
 RT: 1.868 min Scan# 551
 Delta R.T. -0.003 min
 Lab File: VL042529.D
 Acq: 12 May 2025 11:15

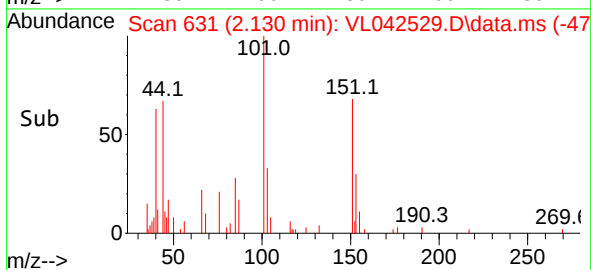
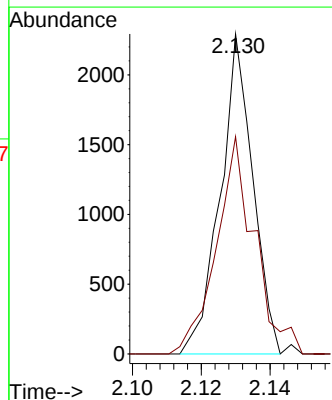
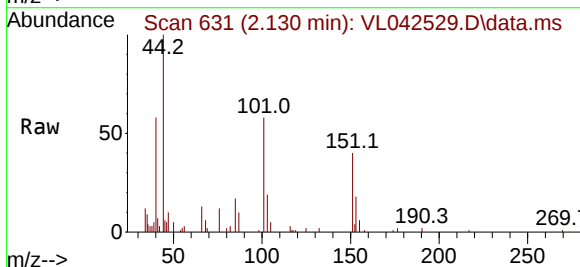
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

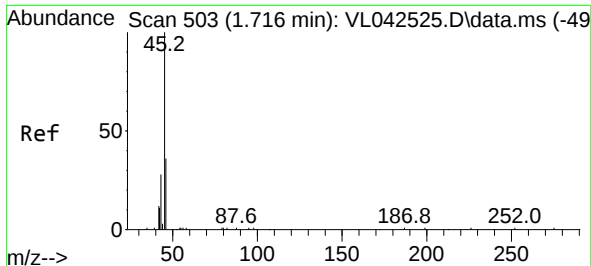
Tgt Ion:101 Resp: 1910
 Ion Ratio Lower Upper
 101 100
 103 61.6 53.8 80.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.120 ppbv
 RT: 2.130 min Scan# 631
 Delta R.T. -0.000 min
 Lab File: VL042529.D
 Acq: 12 May 2025 11:15

Tgt Ion:101 Resp: 1510
 Ion Ratio Lower Upper
 101 100
 151 82.3 57.8 86.8

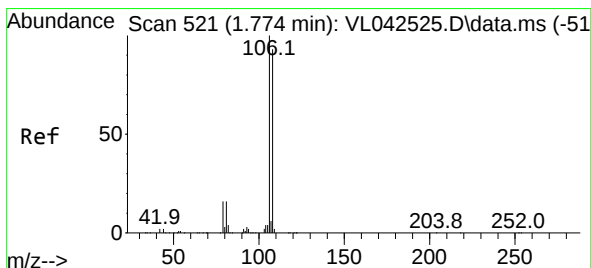
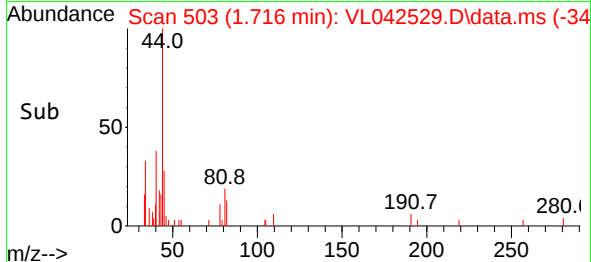
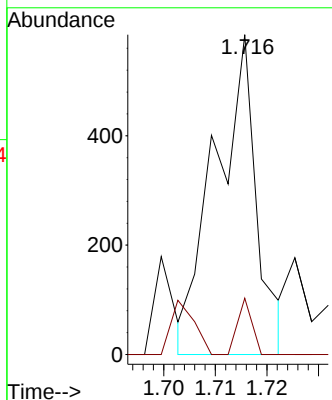
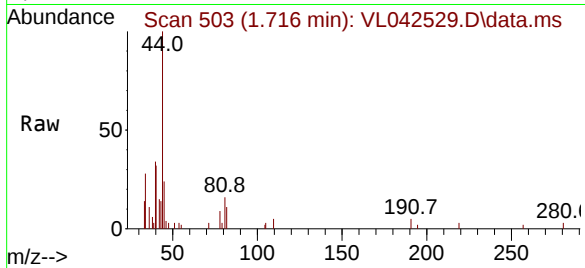




#13
Ethanol
Concen: 0.331 ppbv
RT: 1.716 min Scan# 503
Delta R.T. -0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

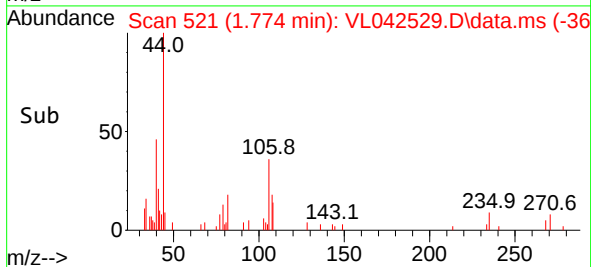
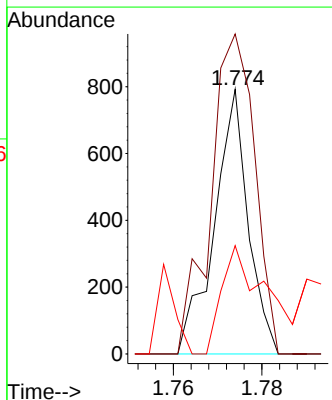
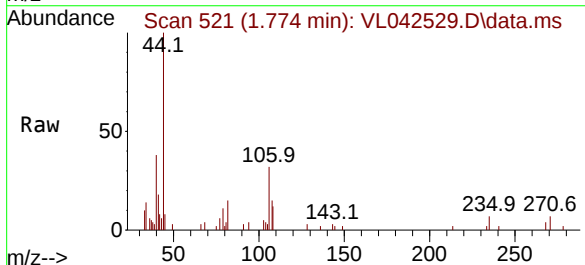
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

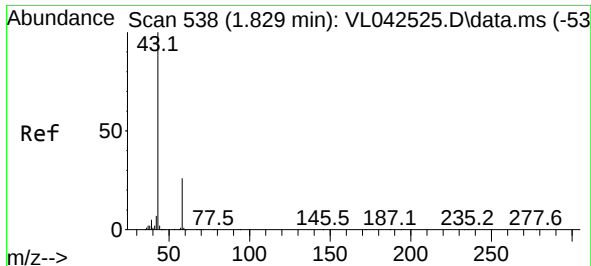
Tgt Ion: 45 Resp: 327
Ion Ratio Lower Upper
45 100
46 15.6 14.8 59.4



#14
Bromoethene
Concen: 0.091 ppbv
RT: 1.774 min Scan# 521
Delta R.T. -0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 108 Resp: 419
Ion Ratio Lower Upper
108 100
106 157.5 87.4 131.2#
79 122.0 15.1 22.7#





#15

Acetone

Concen: 0.206 ppbv

RT: 1.832 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Instrument :

MSVOA_L

ClientSampleId :

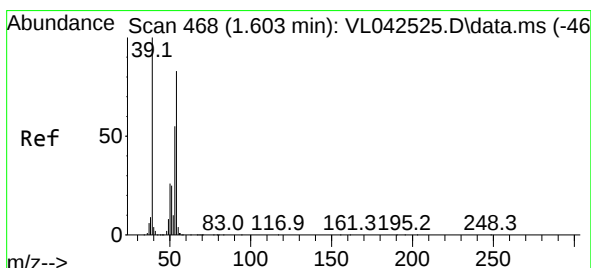
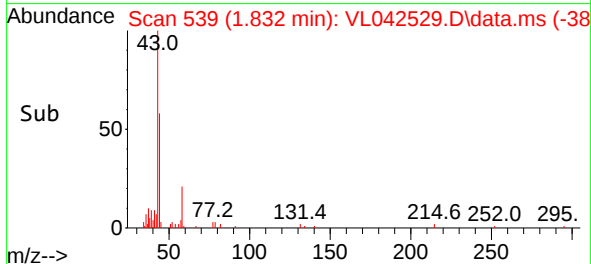
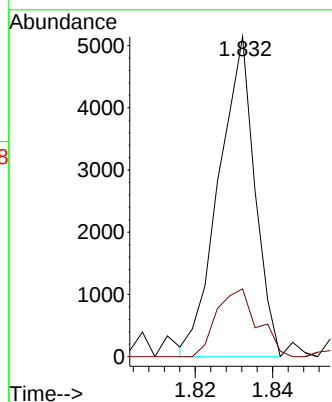
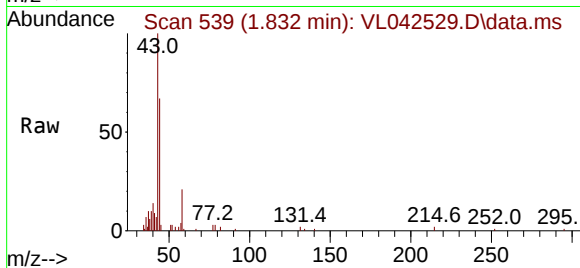
VSTDIC0.1

Tgt Ion: 43 Resp: 3316

Ion Ratio Lower Upper

43 100

58 28.1 21.3 31.9



#16

1,3-Butadiene

Concen: 0.156 ppbv

RT: 1.602 min Scan# 468

Delta R.T. -0.000 min

Lab File: VL042529.D

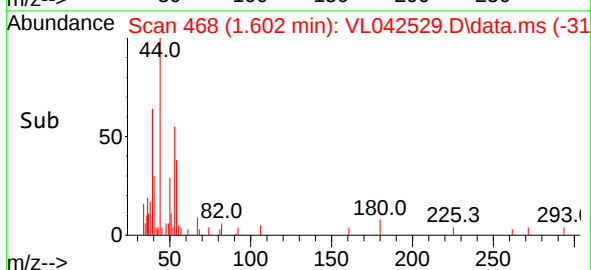
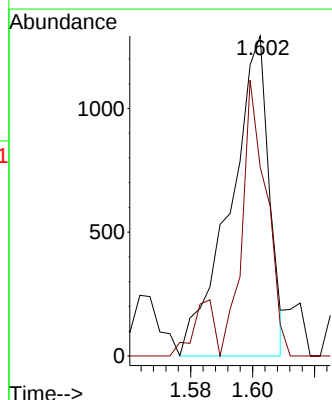
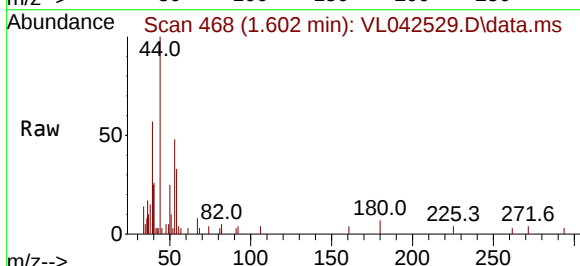
Acq: 12 May 2025 11:15

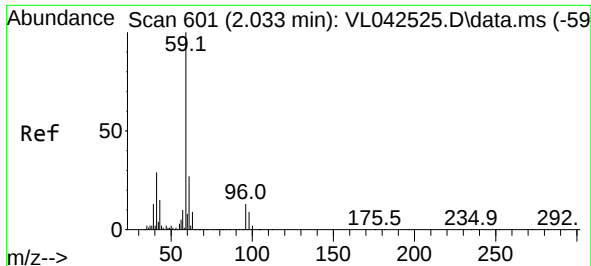
Tgt Ion: 39 Resp: 1125

Ion Ratio Lower Upper

39 100

54 63.2 57.8 86.6





#17

tert-Butyl alcohol

Concen: 0.117 ppbv

RT: 2.036 min Scan# 601

Delta R.T. 0.003 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Instrument :

MSVOA_L

ClientSampleId :

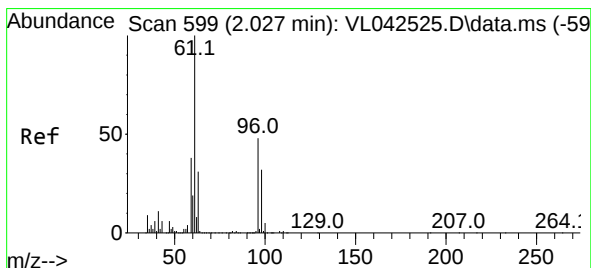
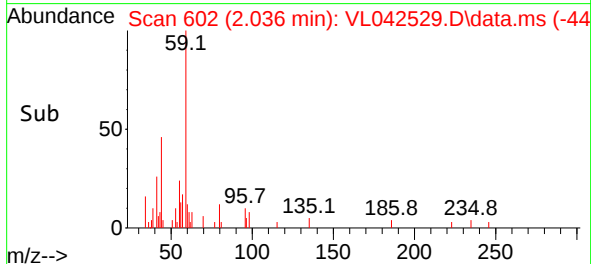
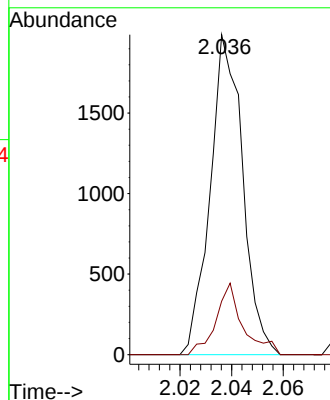
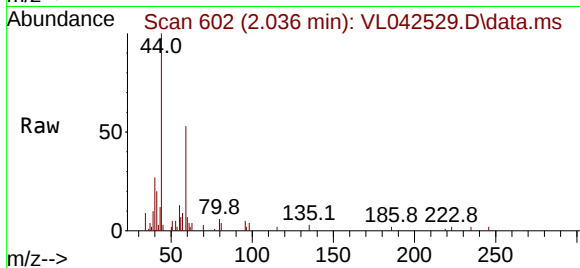
VSTDIC0.1

Tgt Ion: 59 Resp: 1734

Ion Ratio Lower Upper

59 100

57 18.5 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.118 ppbv

RT: 2.026 min Scan# 599

Delta R.T. -0.000 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

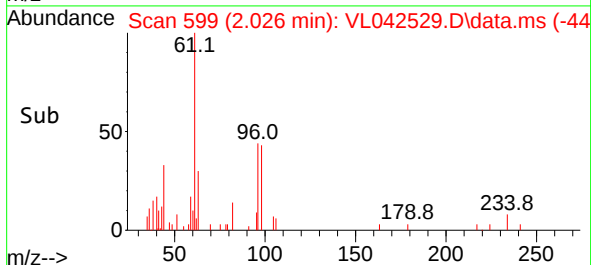
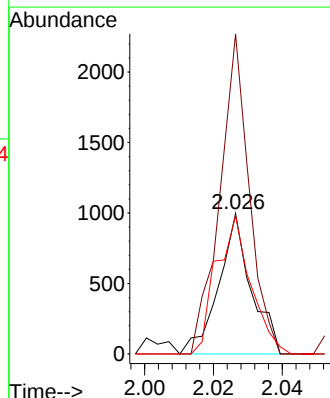
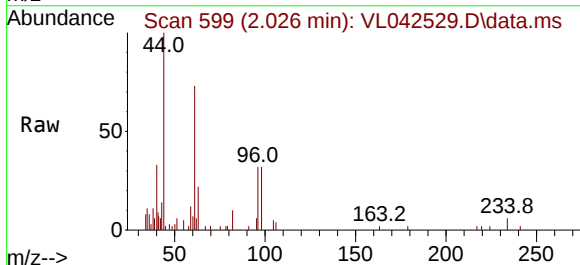
Tgt Ion: 96 Resp: 653

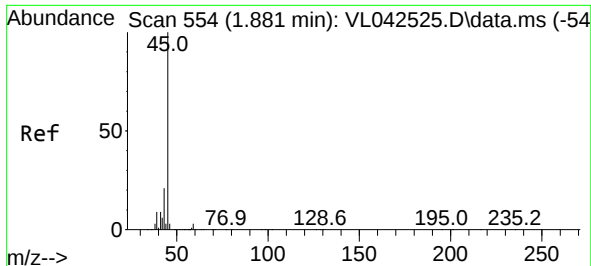
Ion Ratio Lower Upper

96 100

61 227.7 165.0 247.4

98 98.3 52.6 79.0#

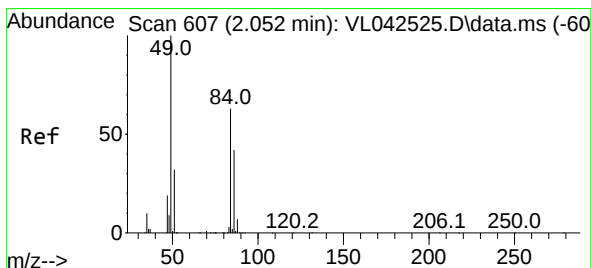
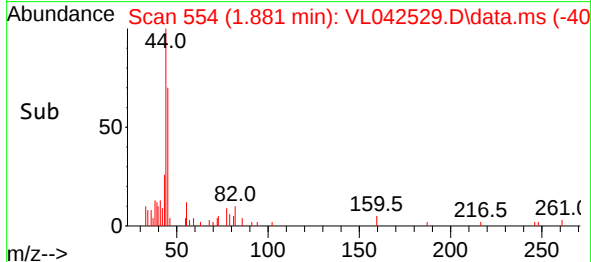
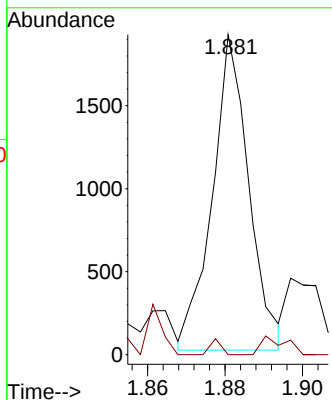
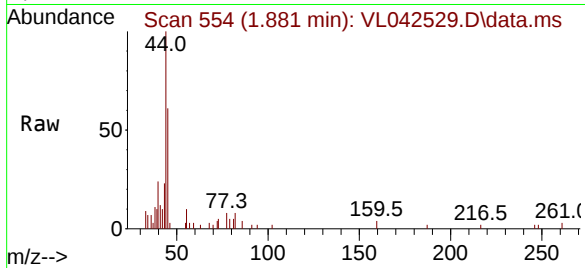




#19
Isopropyl Alcohol
Concen: 0.142 ppbv
RT: 1.881 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

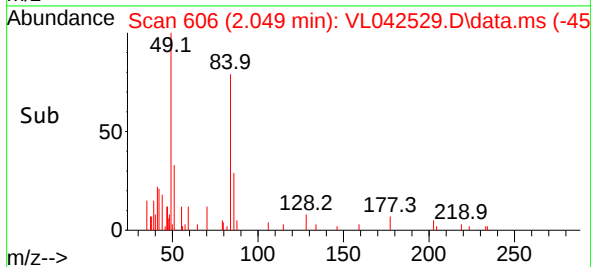
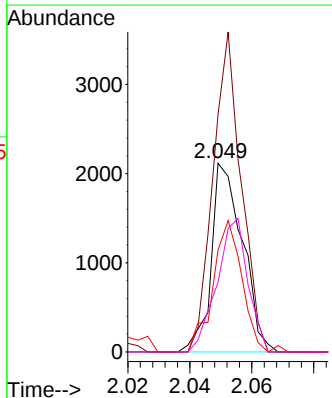
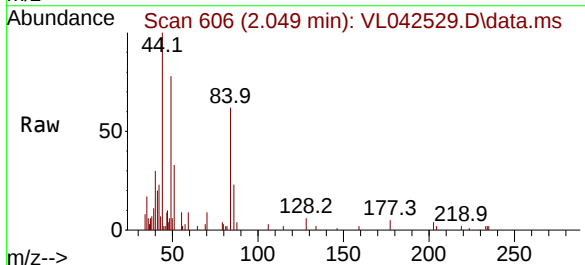
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

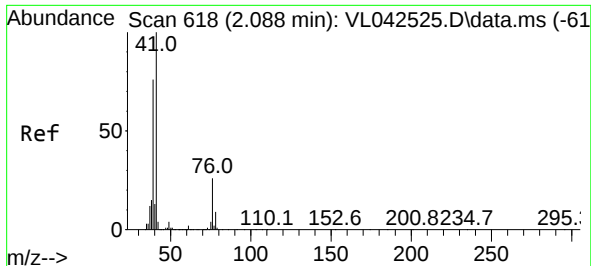
Tgt Ion: 45 Resp: 1243
Ion Ratio Lower Upper
45 100
58 0.0 1.5 2.3#



#20
Methylene Chloride
Concen: 0.265 ppbv
RT: 2.049 min Scan# 606
Delta R.T. -0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 84 Resp: 1481
Ion Ratio Lower Upper
84 100
49 125.8 128.2 192.4#
51 54.0 41.7 62.5
86 36.9 52.6 79.0#

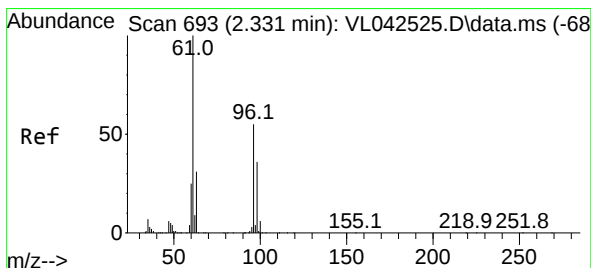
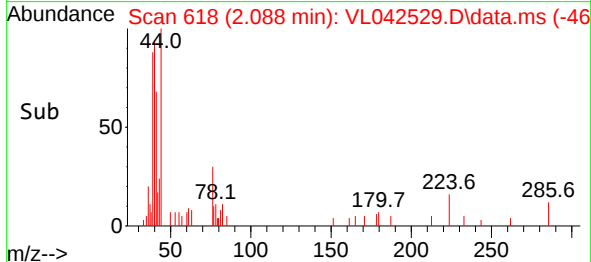
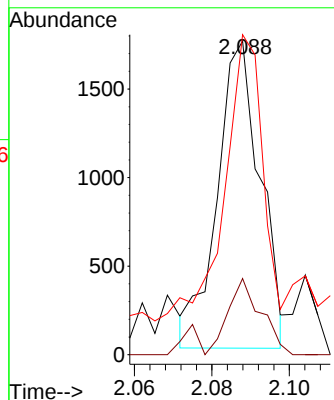
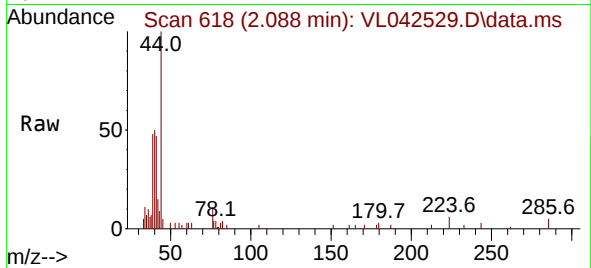




#21
Allyl Chloride
Concen: 0.126 ppbv
RT: 2.088 min Scan# 618
Delta R.T. -0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

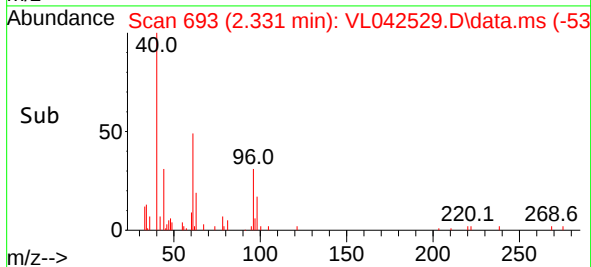
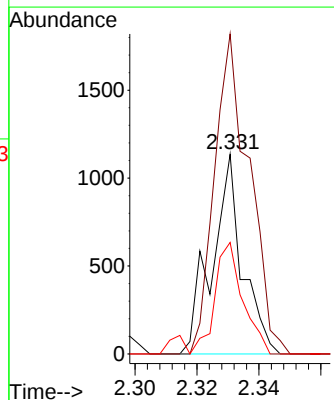
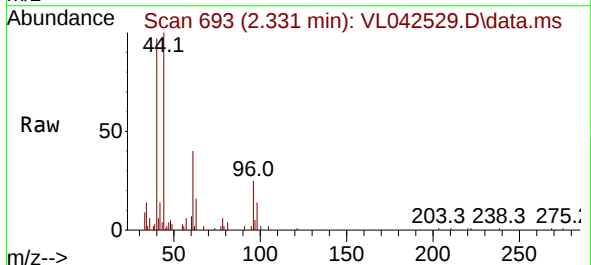
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

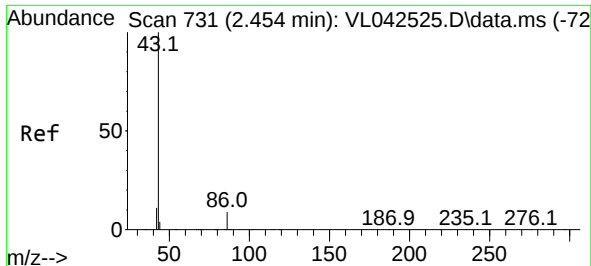
Tgt Ion: 41 Resp: 1337
Ion Ratio Lower Upper
41 100
76 22.7 22.0 33.0
39 139.7 59.5 89.3#



#22
trans-1,2-Dichloroethene
Concen: 0.120 ppbv
RT: 2.331 min Scan# 693
Delta R.T. -0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 96 Resp: 774
Ion Ratio Lower Upper
96 100
61 160.2 145.9 218.9
98 55.8 52.2 78.4

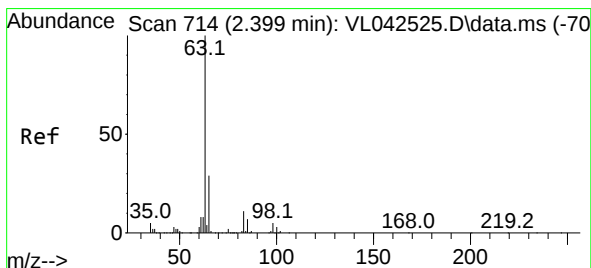
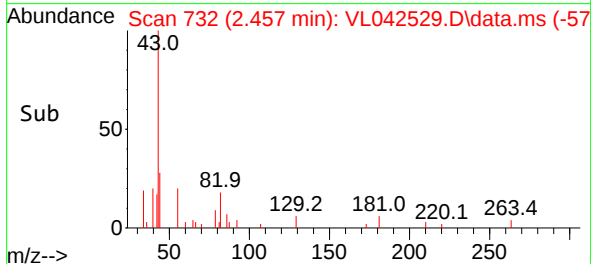
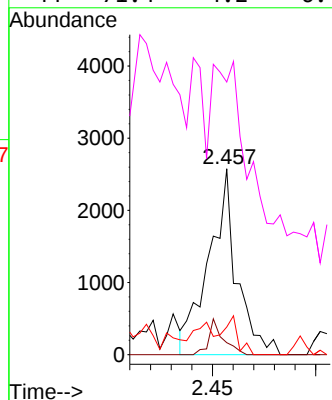
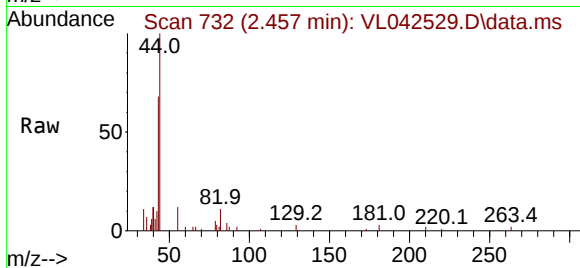




#23
 Vinyl Acetate
 Concen: 0.143 ppbv
 RT: 2.457 min Scan# 715
 Delta R.T. 0.003 min
 Lab File: VL042529.D
 Acq: 12 May 2025 11:15

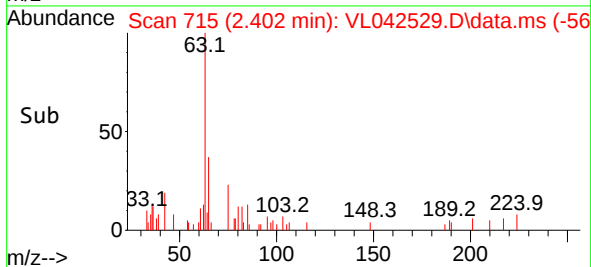
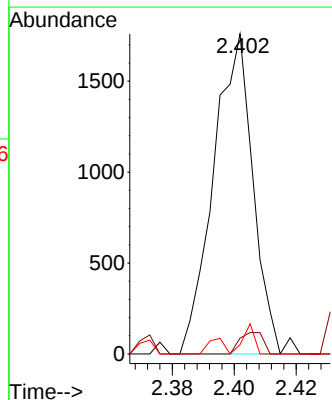
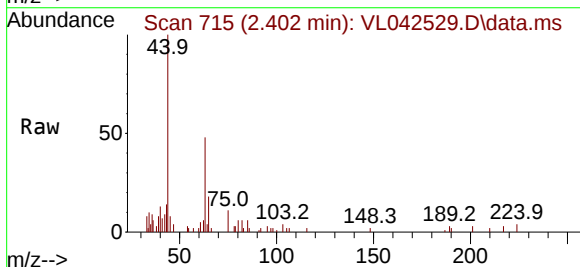
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

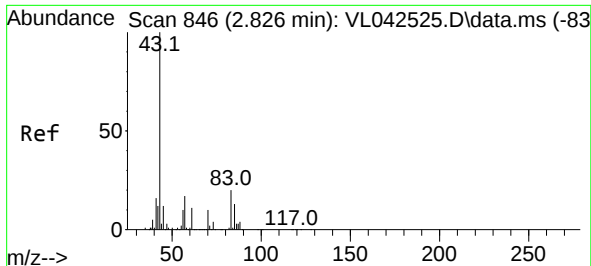
Tgt Ion:	43	Resp:	2412
Ion	Ratio	Lower	Upper
43	100		
86	6.5	6.8	10.2#
42	14.9	8.8	13.2#
44	71.4	4.2	6.4#



#24
 1,1-Dichloroethane
 Concen: 0.124 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. 0.003 min
 Lab File: VL042529.D
 Acq: 12 May 2025 11:15

Tgt Ion:	63	Resp:	1550
Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.6	8.0
100	2.9	1.4	4.2

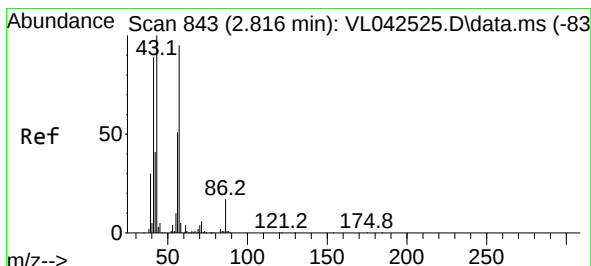
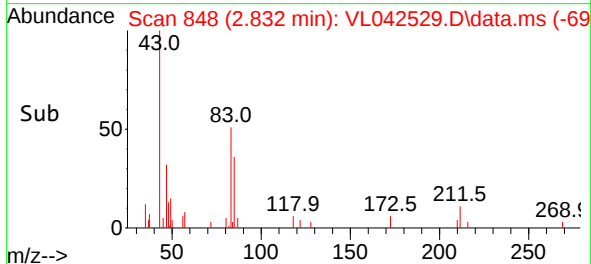
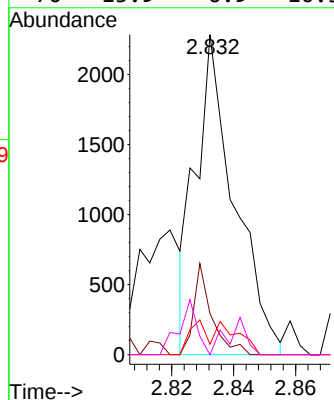
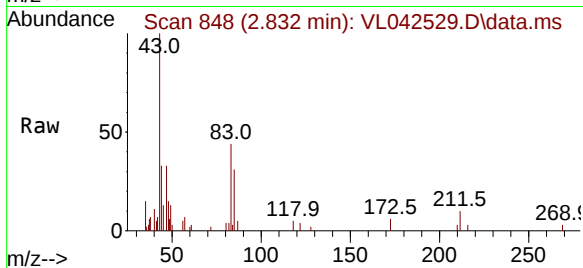




#25
Ethyl Acetate
Concen: 0.070 ppbv
RT: 2.832 min Scan# 846
Delta R.T. 0.006 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

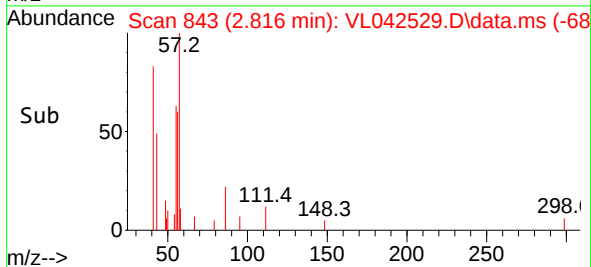
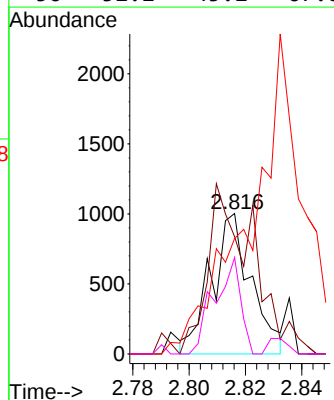
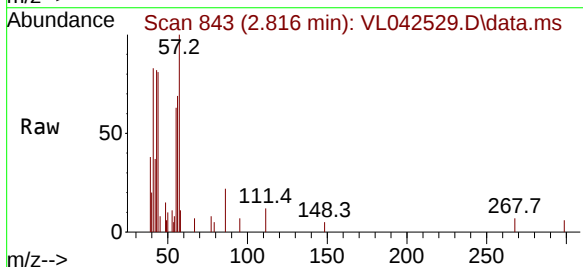
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

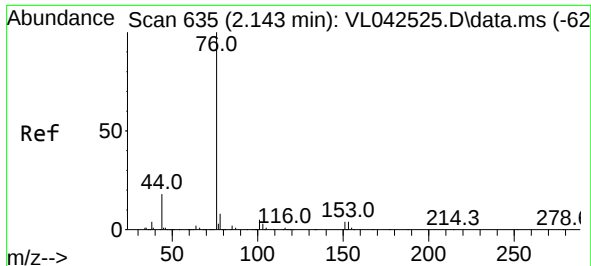
Tgt Ion:	43	Resp:	1976
Ion	Ratio	Lower	Upper
43	100		
45	16.2	7.9	11.9#
61	11.1	7.1	10.7#
70	13.9	6.9	10.3#



#26
Hexane
Concen: 0.085 ppbv
RT: 2.816 min Scan# 843
Delta R.T. -0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion:	57	Resp:	983
Ion	Ratio	Lower	Upper
57	100		
41	141.8	76.1	114.1#
43	0.0	188.9	283.3#
56	52.2	45.2	67.8





#27

Carbon Disulfide

Concen: 0.111 ppbv

RT: 2.140 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.1

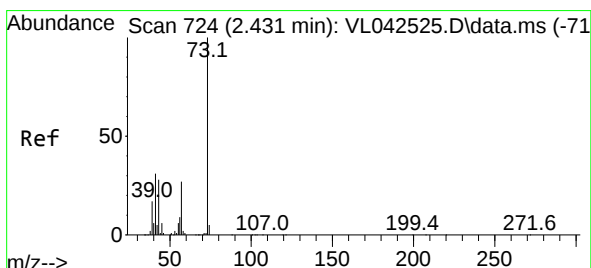
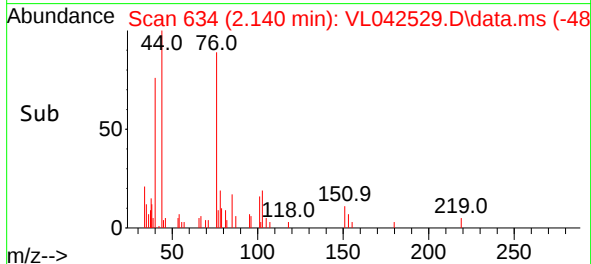
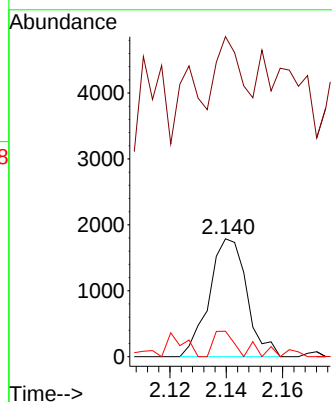
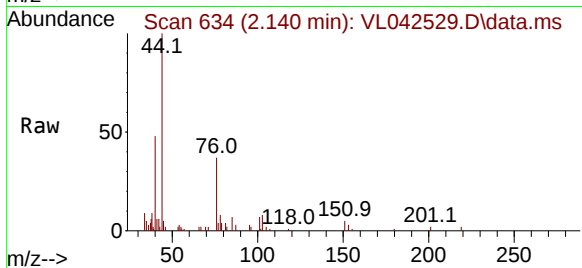
Tgt Ion: 76 Resp: 1657

Ion Ratio Lower Upper

76 100

44 276.9 17.1 25.7#

78 17.9 8.6 12.8#



#28

Methyl tert-Butyl Ether

Concen: 0.125 ppbv

RT: 2.434 min Scan# 725

Delta R.T. 0.003 min

Lab File: VL042529.D

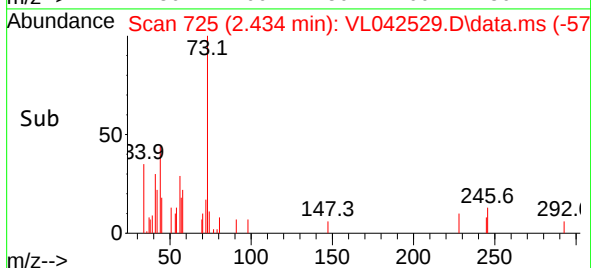
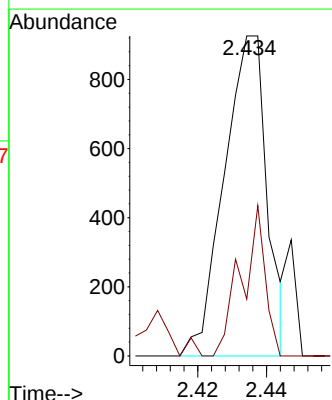
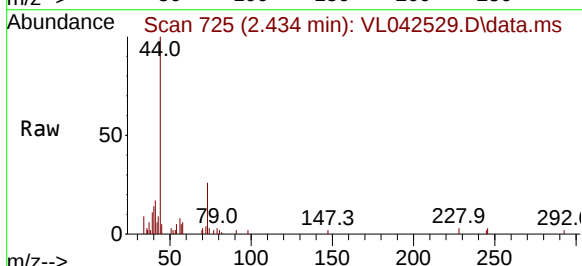
Acq: 12 May 2025 11:15

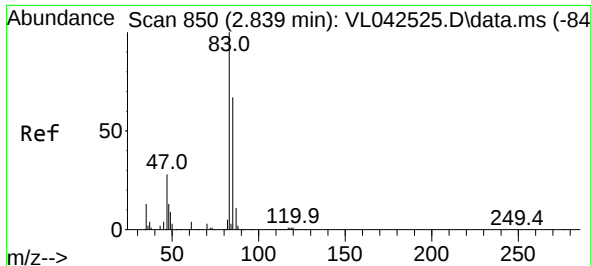
Tgt Ion: 73 Resp: 803

Ion Ratio Lower Upper

73 100

57 35.2 20.3 30.5#





#29

Chloroform

Concen: 0.100 ppbv

RT: 2.839 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Instrument :

MSVOA_1

ClientSampleId :

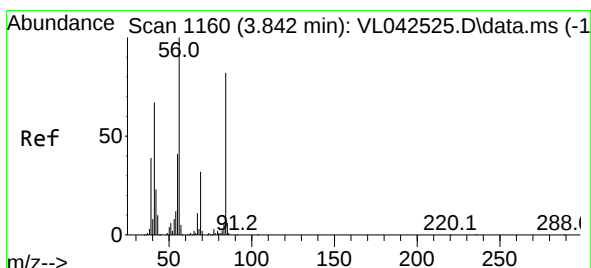
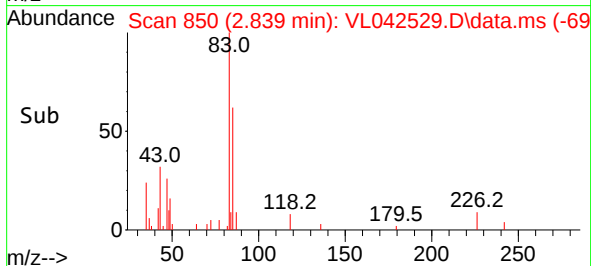
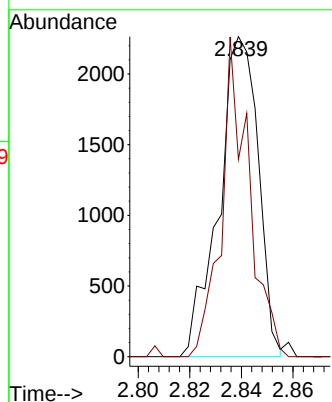
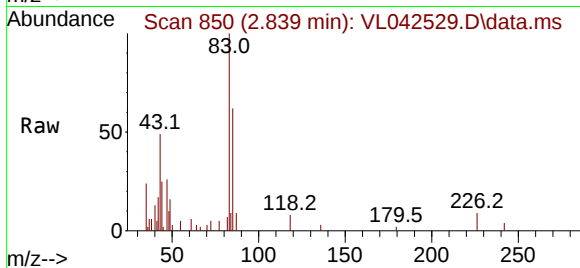
VSTDIC0.1

Tgt Ion: 83 Resp: 2409

Ion Ratio Lower Upper

83 100

85 61.7 53.5 80.3



#30

Cyclohexane

Concen: 0.064 ppbv

RT: 3.836 min Scan# 1158

Delta R.T. -0.007 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

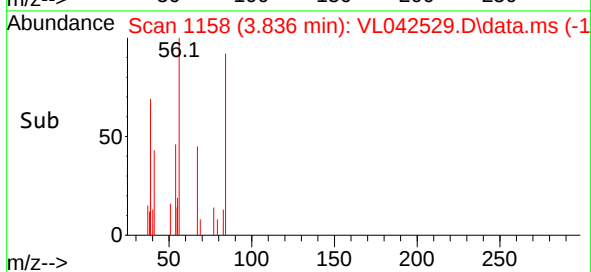
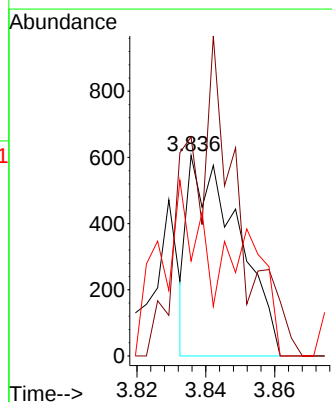
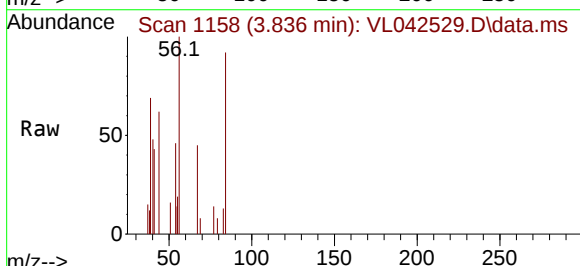
Tgt Ion: 84 Resp: 610

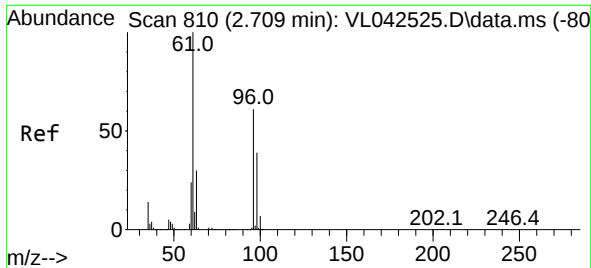
Ion Ratio Lower Upper

84 100

56 158.0 97.1 145.7#

41 124.6 66.6 99.8#

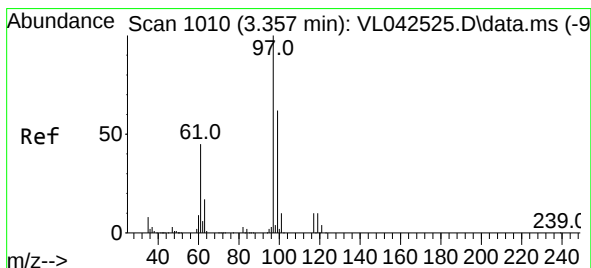
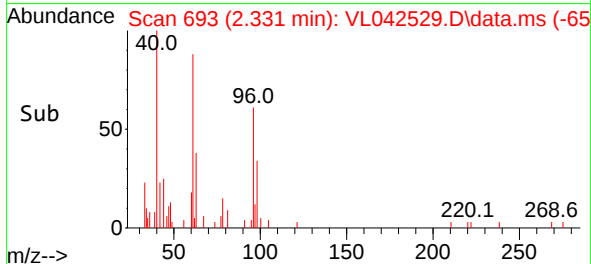
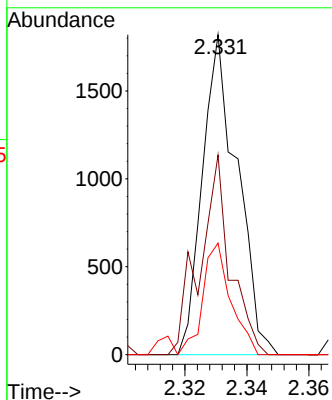
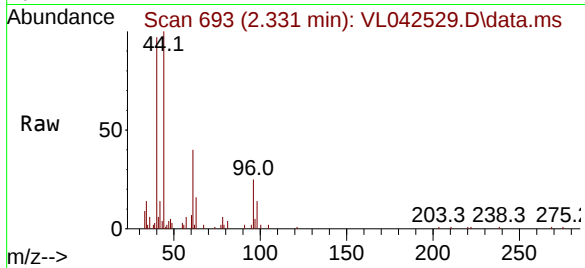




#31
 cis-1,2-Dichloroethene
 Concen: 0.108 ppbv
 RT: 2.331 min Scan# 61
 Delta R.T. -0.379 min
 Lab File: VL042529.D
 Acq: 12 May 2025 11:15

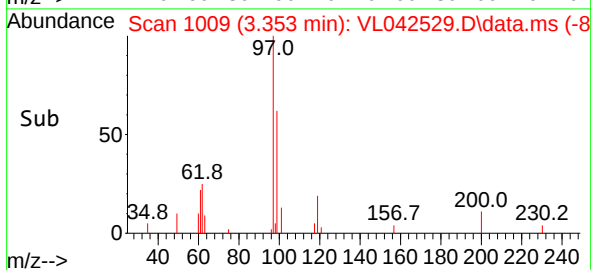
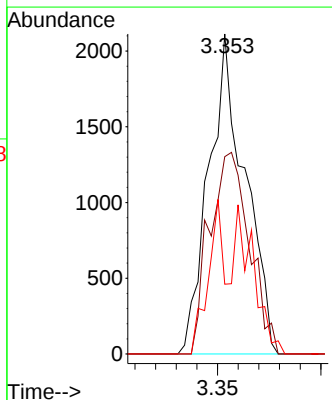
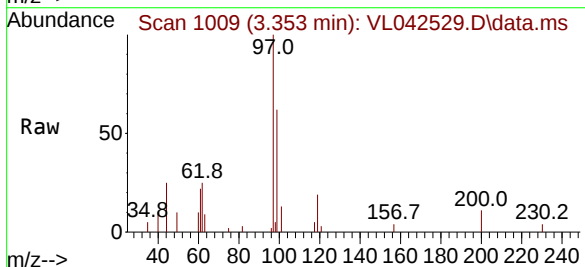
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

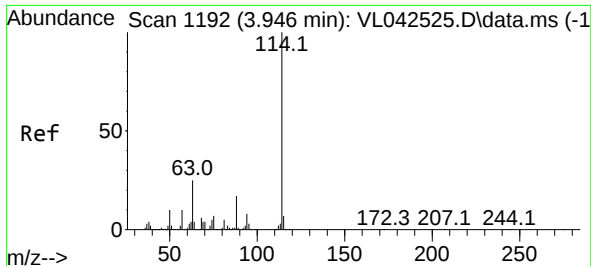
Tgt Ion:	61	Resp:	1417
Ion	Ratio	Lower	Upper
61	100		
96	62.4	48.9	73.3
98	34.8	31.4	47.2



#32
 1,1,1-Trichloroethane
 Concen: 0.106 ppbv
 RT: 3.353 min Scan# 1009
 Delta R.T. -0.003 min
 Lab File: VL042529.D
 Acq: 12 May 2025 11:15

Tgt Ion:	97	Resp:	2575
Ion	Ratio	Lower	Upper
97	100		
99	69.6	50.1	75.1
61	47.6	38.2	57.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.946 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

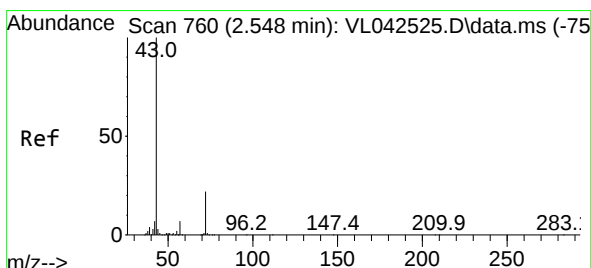
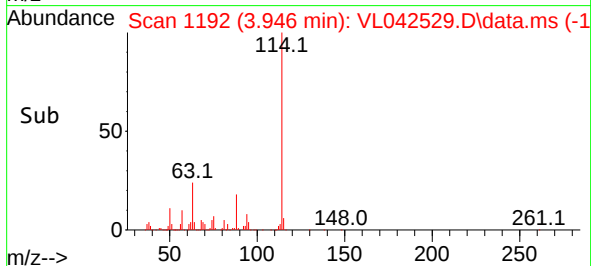
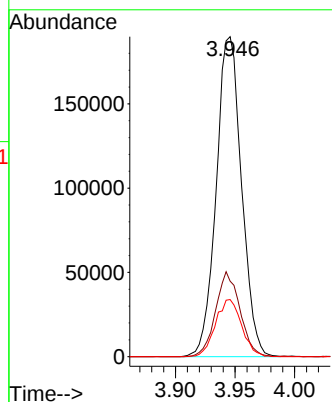
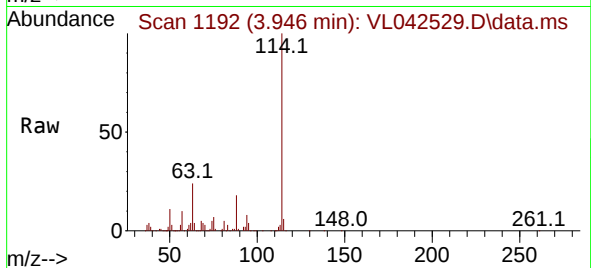
Tgt Ion:114 Resp: 280717

Ion Ratio Lower Upper

114 100

63 25.5 20.4 30.6

88 18.4 14.5 21.7



#34

2-Butanone

Concen: 0.113 ppbv

RT: 2.554 min Scan# 762

Delta R.T. 0.006 min

Lab File: VL042529.D

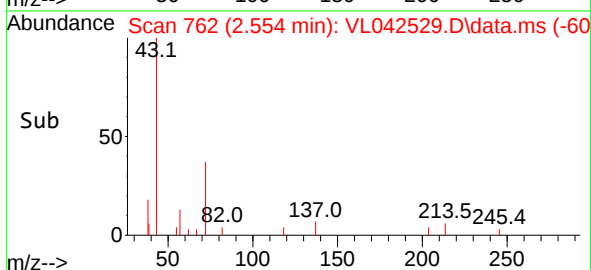
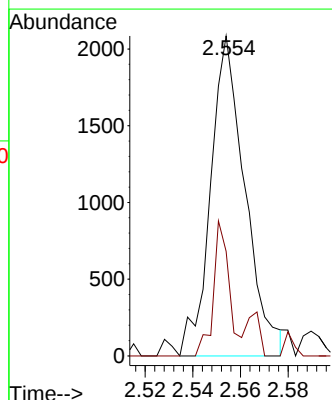
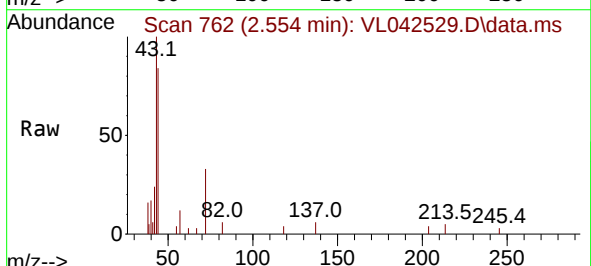
Acq: 12 May 2025 11:15

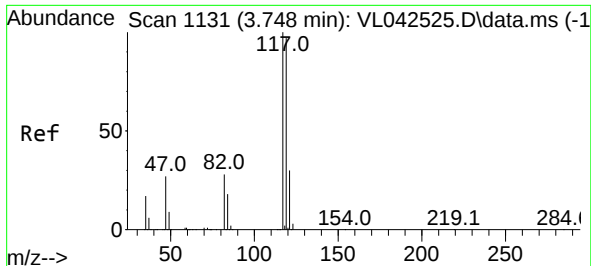
Tgt Ion: 43 Resp: 2094

Ion Ratio Lower Upper

43 100

72 26.4 18.7 28.1

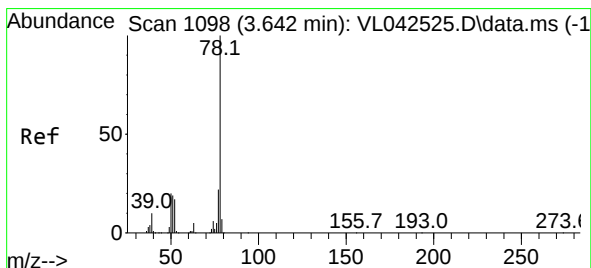
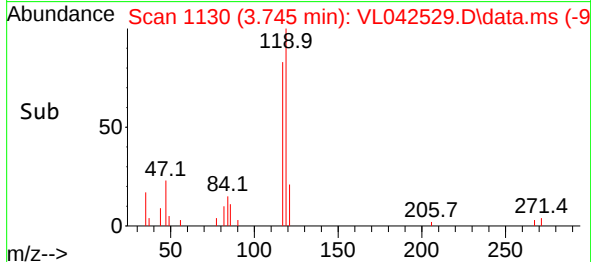
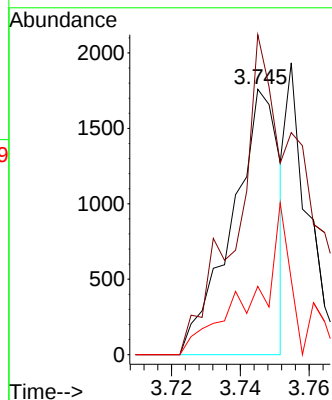
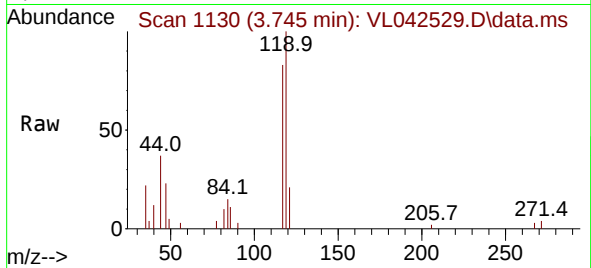




#35
Carbon Tetrachloride
Concen: 0.066 ppbv
RT: 3.745 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

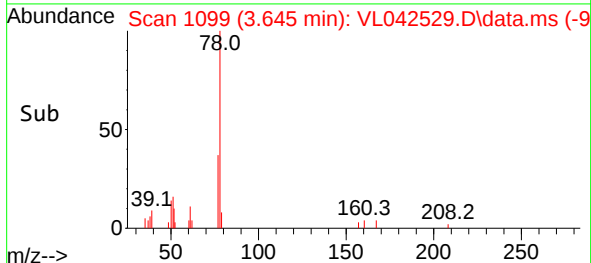
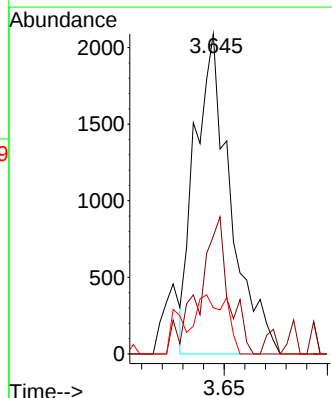
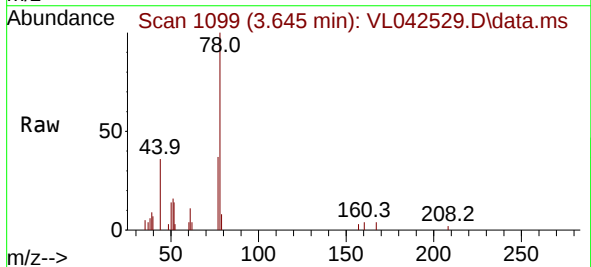
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

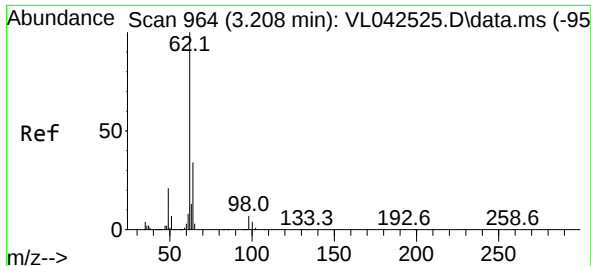
Tgt Ion:117 Resp: 1669
Ion Ratio Lower Upper
117 100
119 120.6 77.7 116.5#
121 25.8 24.0 36.0



#36
Benzene
Concen: 0.100 ppbv
RT: 3.645 min Scan# 1099
Delta R.T. 0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 78 Resp: 2494
Ion Ratio Lower Upper
78 100
77 36.8 17.4 26.2#
50 14.5 16.3 24.5#





#37

1,2-Dichloroethane

Concen: 0.095 ppbv

RT: 3.208 min Scan# 9

Delta R.T. -0.000 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Instrument :

MSVOA_1

ClientSampleId :

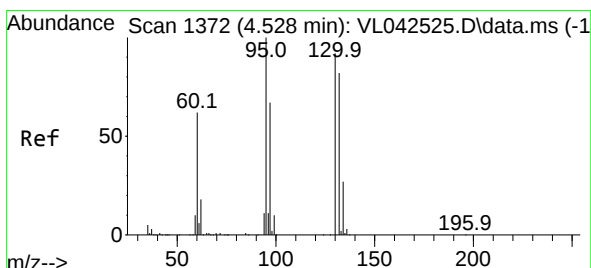
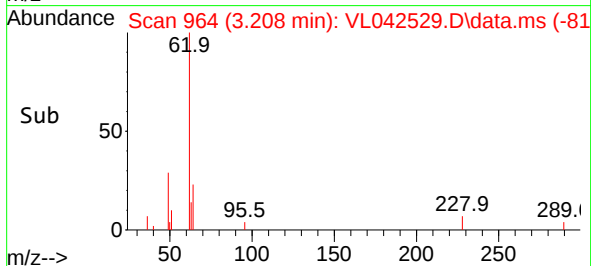
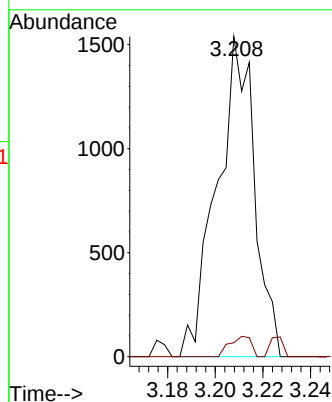
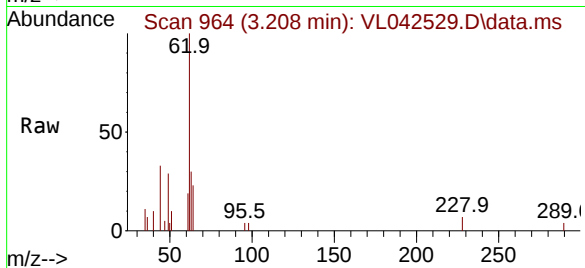
VSTDIC0.1

Tgt Ion: 62 Resp: 1682

Ion Ratio Lower Upper

62 100

98 5.8 5.0 7.4



#38

Trichloroethene

Concen: 0.065 ppbv

RT: 4.528 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Tgt Ion:130 Resp: 695

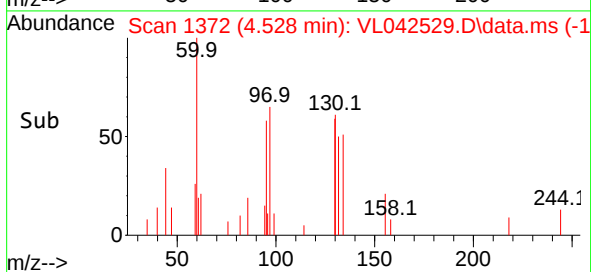
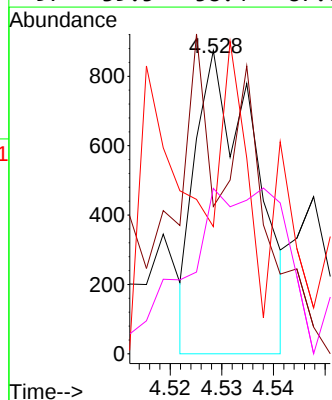
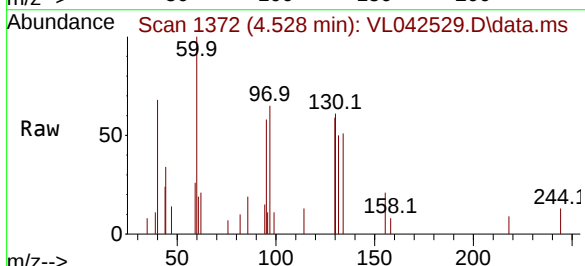
Ion Ratio Lower Upper

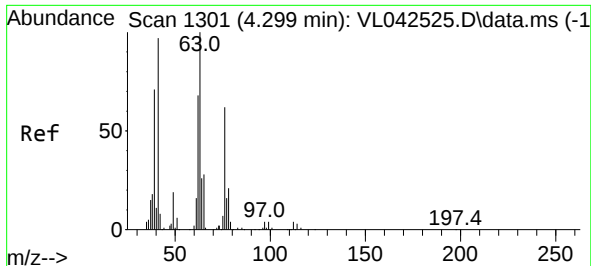
130 100

95 29.1 87.0 130.4#

132 0.0 71.1 106.7#

97 39.5 58.4 87.6#





#39

1,2-Dichloropropane

Concen: 7.711 ppbv

RT: 3.942 min Scan# 1191

Delta R.T. -0.356 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

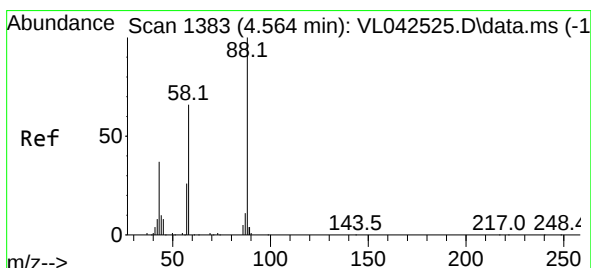
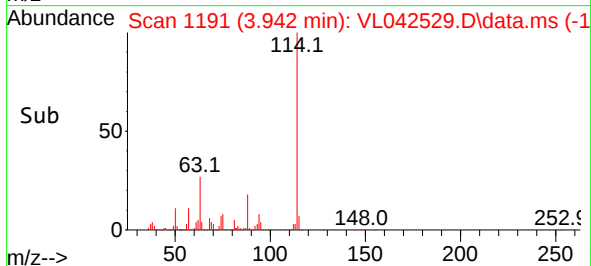
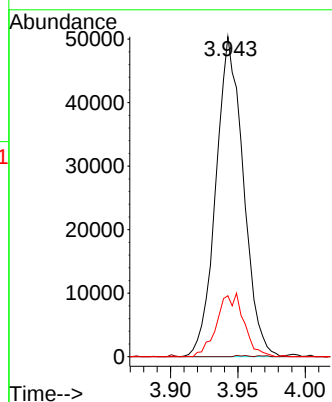
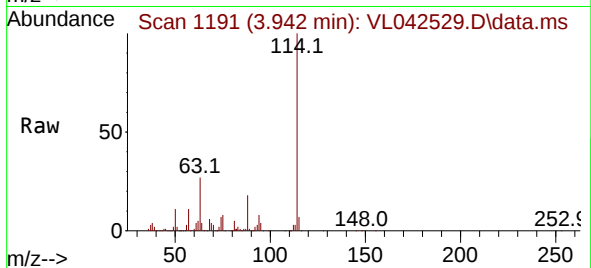
Tgt Ion: 63 Resp: 71407

Ion Ratio Lower Upper

63 100

41 0.3 77.5 116.3#

62 19.0 54.6 82.0#



#40

1,4-Dioxane

Concen: 0.061 ppbv

RT: 4.600 min Scan# 1394

Delta R.T. 0.035 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Tgt Ion: 88 Resp: 224

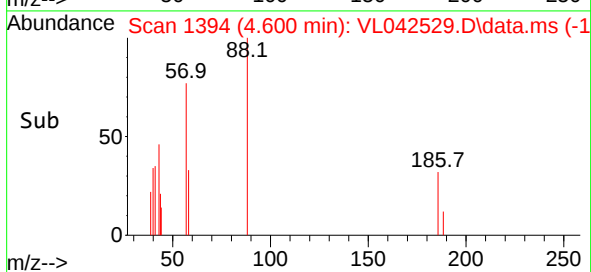
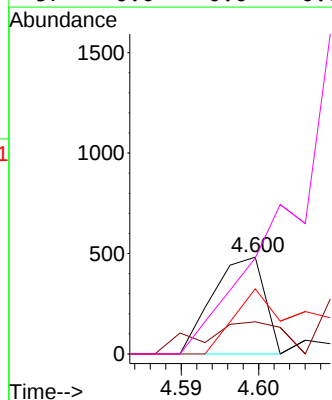
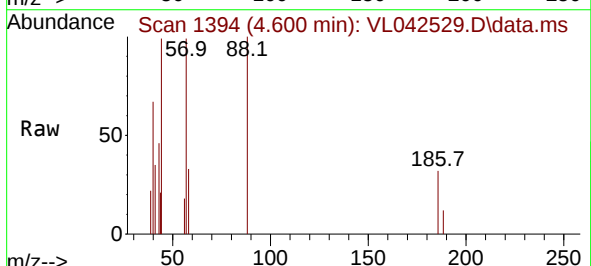
Ion Ratio Lower Upper

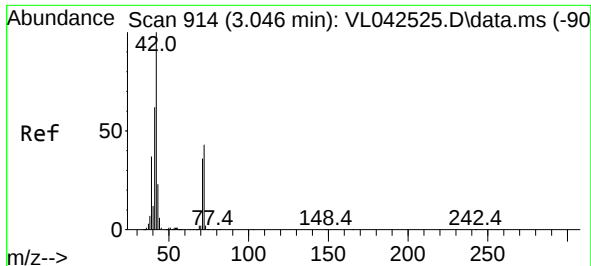
88 100

58 0.0 58.2 87.2#

43 75.9 27.9 41.9#

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.006 ppbv

RT: 3.043 min Scan# 914

Delta R.T. -0.003 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

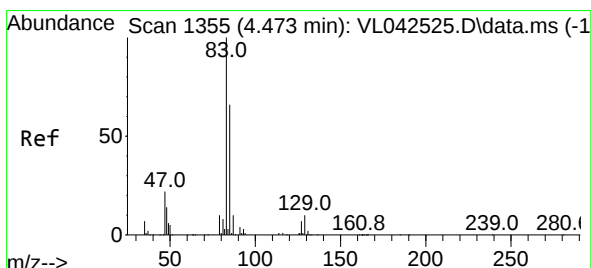
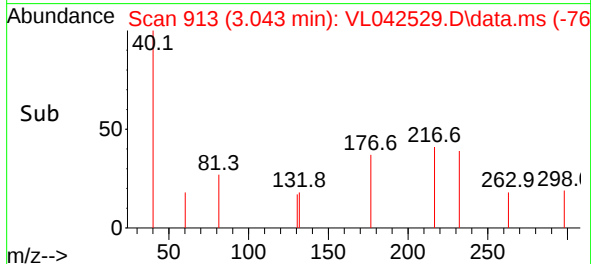
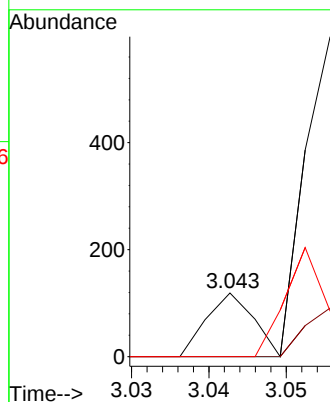
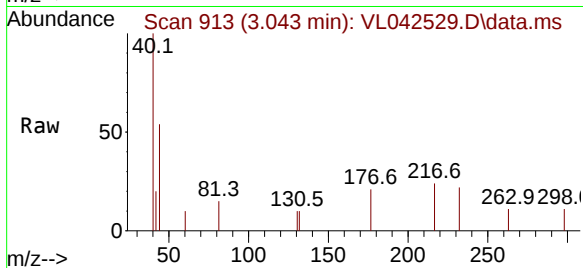
Tgt Ion: 42 Resp: 50

Ion Ratio Lower Upper

42 100

72 0.0 32.7 49.1#

71 0.0 30.4 45.6#



#42

Bromodichloromethane

Concen: 0.065 ppbv

RT: 4.480 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

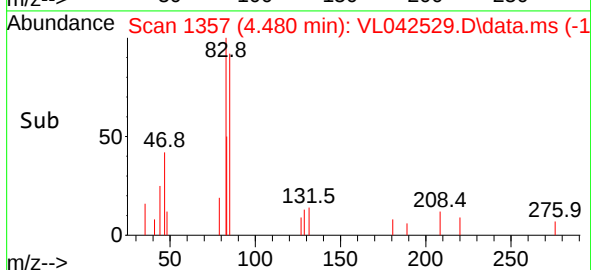
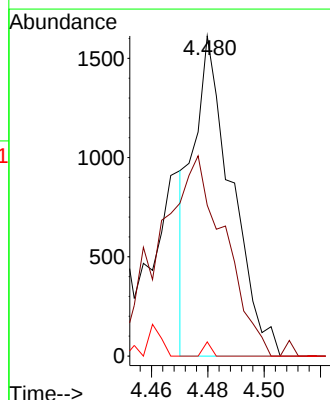
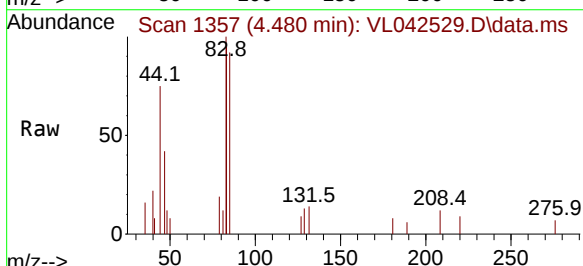
Tgt Ion: 83 Resp: 1535

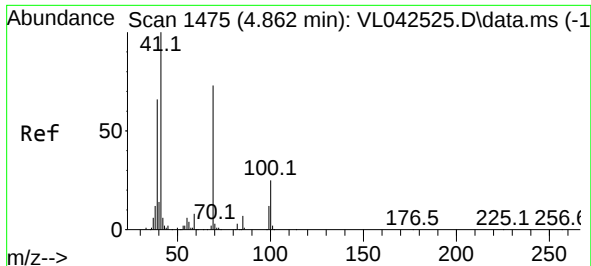
Ion Ratio Lower Upper

83 100

85 47.1 52.6 79.0#

127 4.4 6.0 9.0#

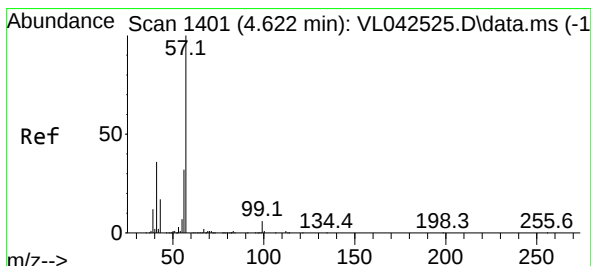
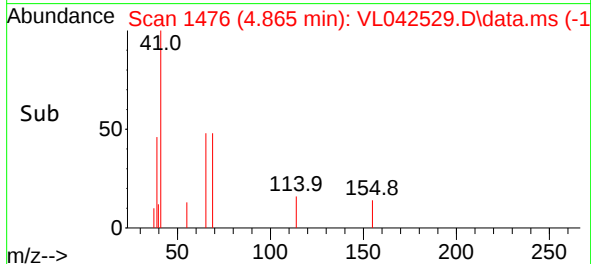
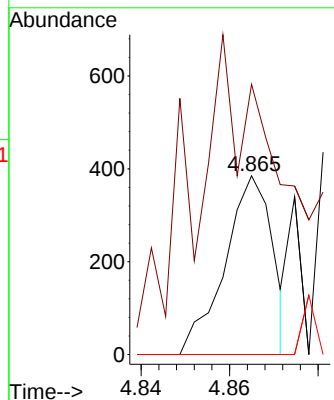
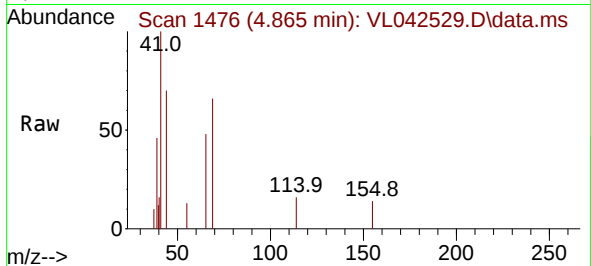




#43
Methyl Methacrylate
Concen: 0.035 ppbv
RT: 4.865 min Scan# 1476
Delta R.T. 0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

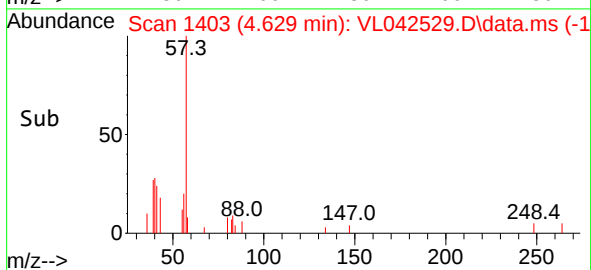
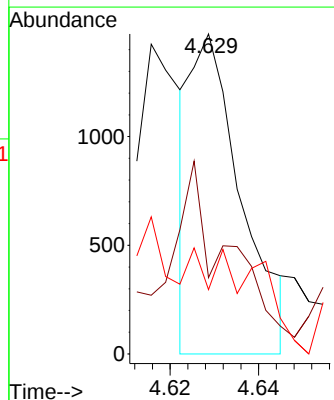
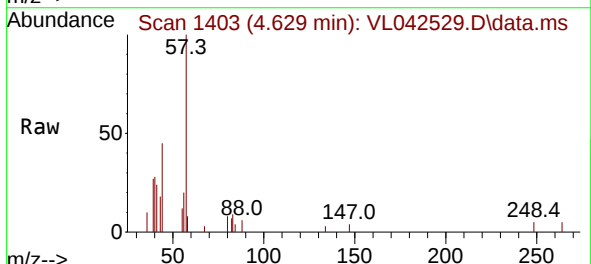
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

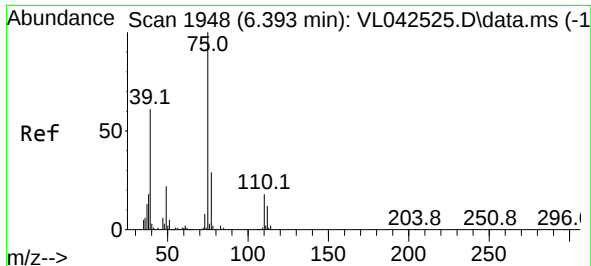
Tgt Ion: 69 Resp: 289
Ion Ratio Lower Upper
69 100
41 446.4 119.9 179.9#
100 0.0 28.4 42.6#



#44
2,2,4-Trimethylpentane
Concen: 0.030 ppbv
RT: 4.629 min Scan# 1403
Delta R.T. 0.006 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 57 Resp: 1172
Ion Ratio Lower Upper
57 100
41 109.4 28.3 42.5#
56 0.0 25.9 38.9#

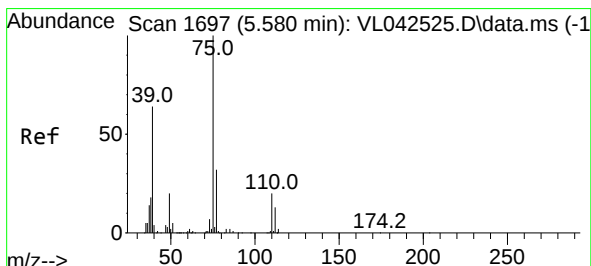
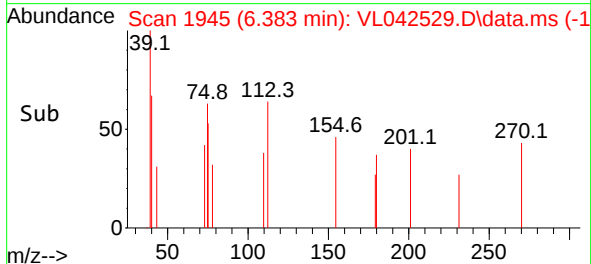
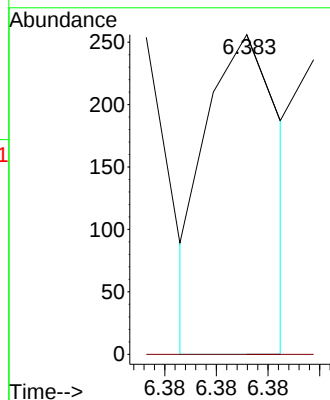
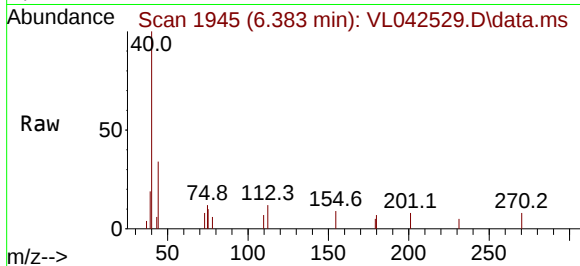




#45
 t-1,3-Dichloropropene
 Concen: 0.012 ppbv
 RT: 6.383 min Scan# 1948
 Delta R.T. -0.010 min
 Lab File: VL042529.D
 Acq: 12 May 2025 11:15

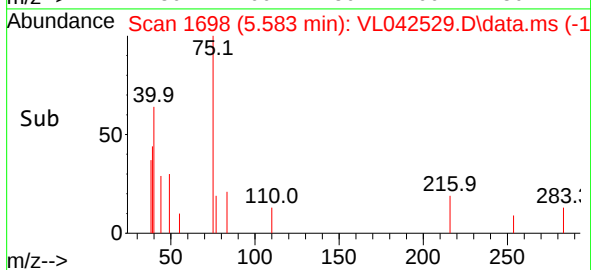
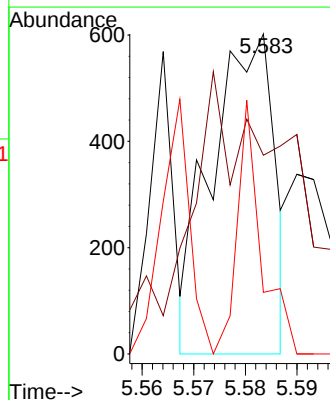
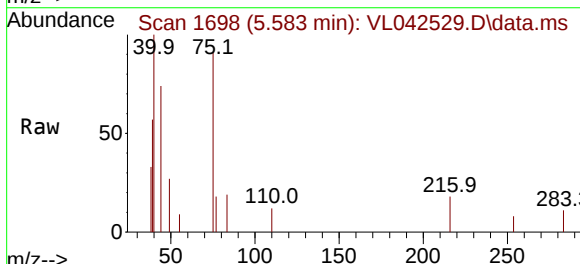
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

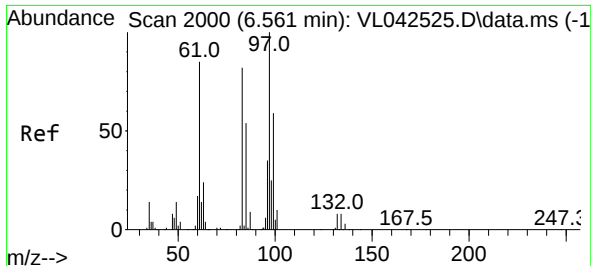
Tgt Ion: 75 Resp: 127
 Ion Ratio Lower Upper
 75 100
 77 27.7 23.3 34.9



#46
 cis-1,3-Dichloropropene
 Concen: 0.040 ppbv
 RT: 5.583 min Scan# 1698
 Delta R.T. 0.003 min
 Lab File: VL042529.D
 Acq: 12 May 2025 11:15

Tgt Ion: 75 Resp: 510
 Ion Ratio Lower Upper
 75 100
 39 35.4 51.2 76.8#
 77 0.0 25.4 38.0#

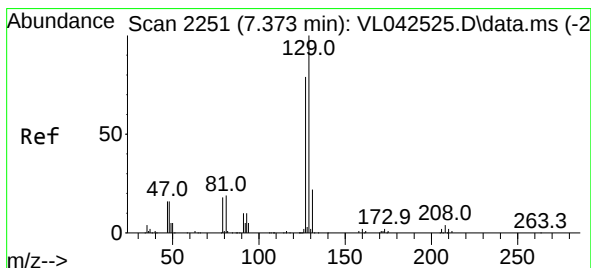
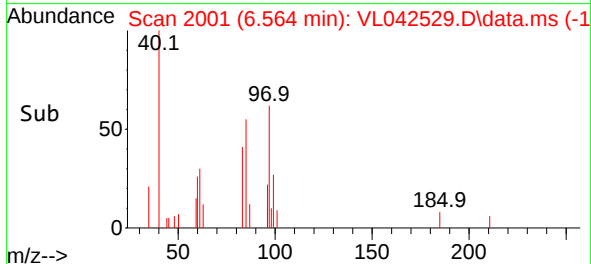
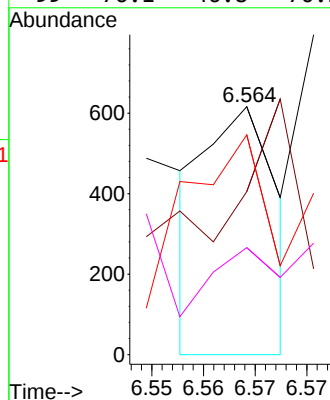
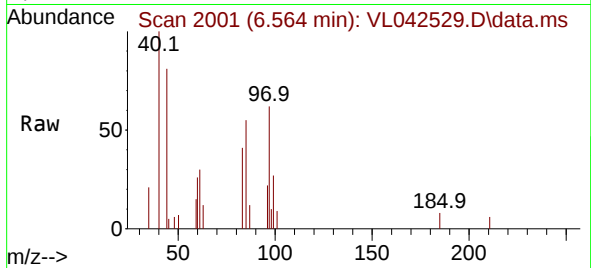




#47
1,1,2-Trichloroethane
Concen: 0.027 ppbv
RT: 6.564 min Scan# 2000
Delta R.T. 0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

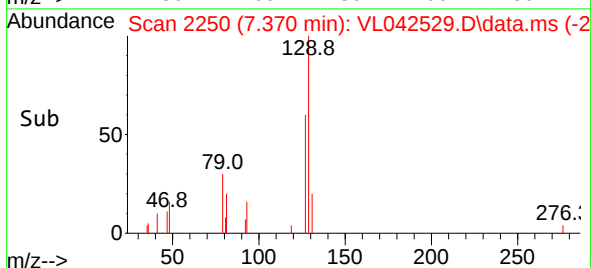
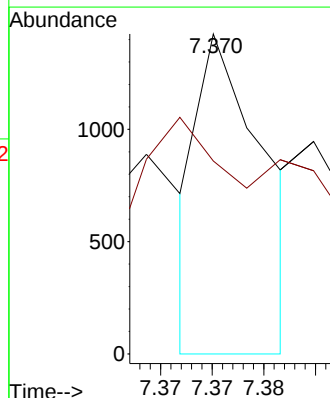
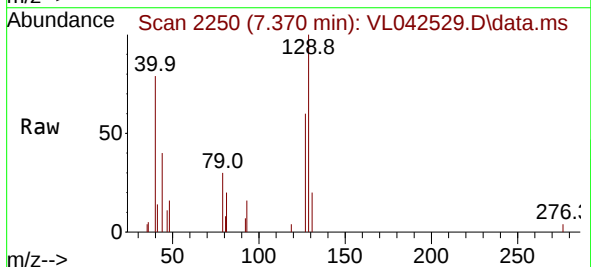
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

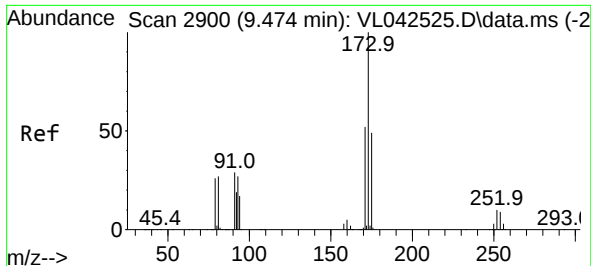
Tgt Ion: 97 Resp: 297
Ion Ratio Lower Upper
97 100
83 21.2 66.0 99.0#
85 143.8 42.8 64.2#
99 76.1 46.8 70.2#



#48
Dibromochloromethane
Concen: 0.035 ppbv
RT: 7.370 min Scan# 2250
Delta R.T. -0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 129 Resp: 632
Ion Ratio Lower Upper
129 100
127 241.3 39.6 118.8#

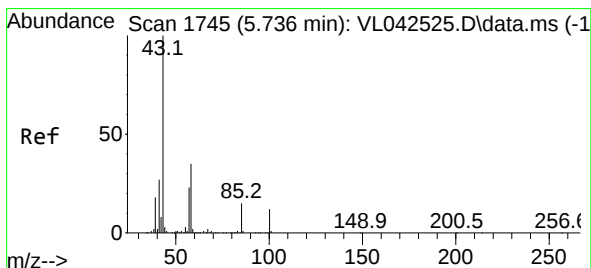
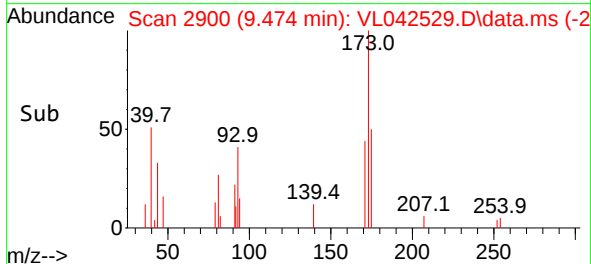
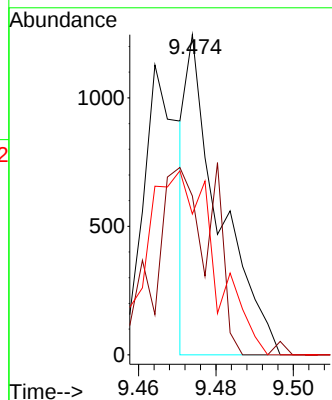
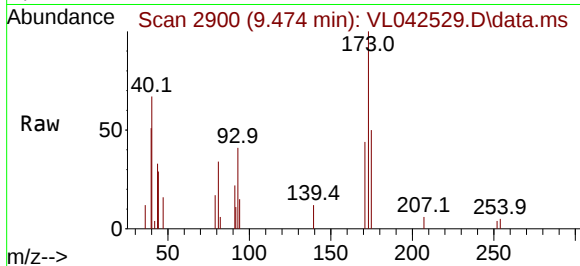




#49
Bromoform
Concen: 0.048 ppbv
RT: 9.474 min Scan# 2900
Delta R.T. -0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

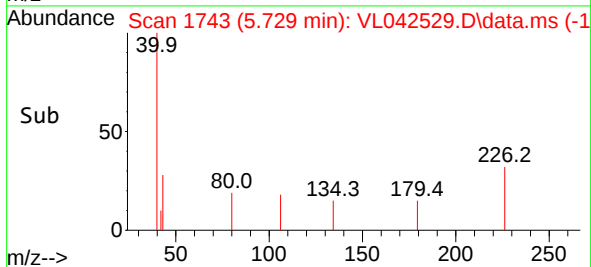
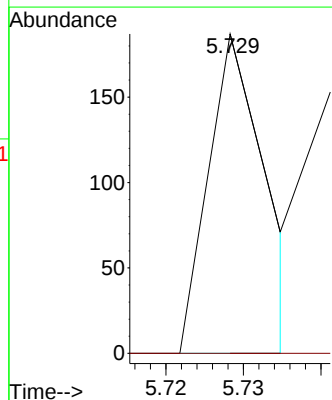
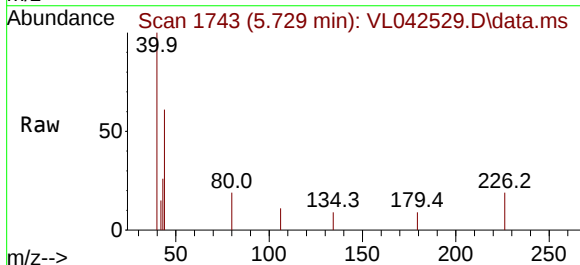
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

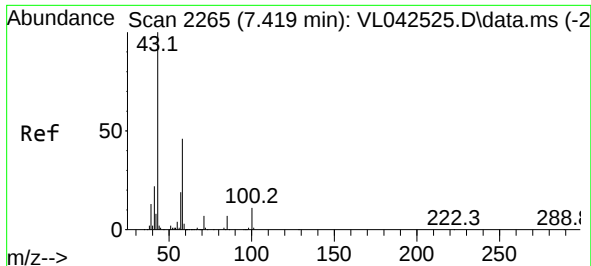
Tgt Ion:173 Resp: 723
Ion Ratio Lower Upper
173 100
175 107.9 39.1 58.7#
171 124.8 41.8 62.8#



#50
4-Methyl-2-Pentanone
Concen: 0.002 ppbv
RT: 5.729 min Scan# 1743
Delta R.T. -0.007 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
58 0.0 28.6 42.8#

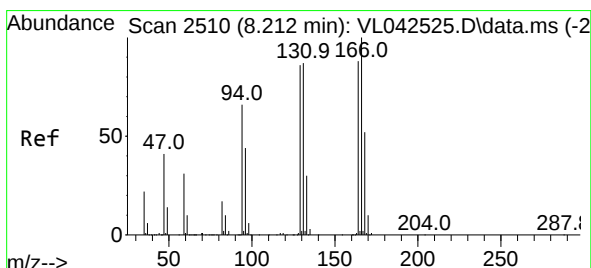
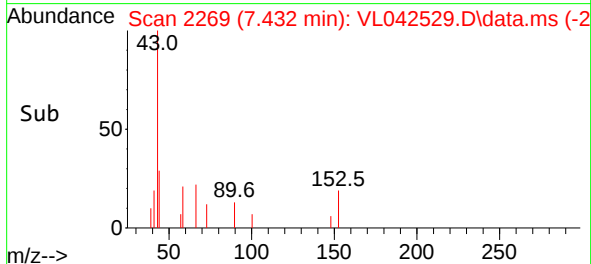
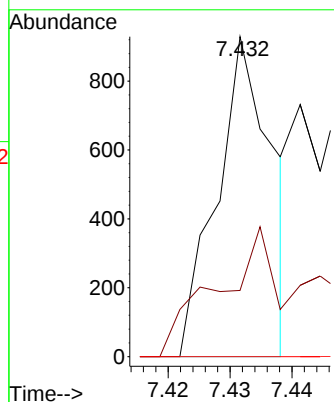
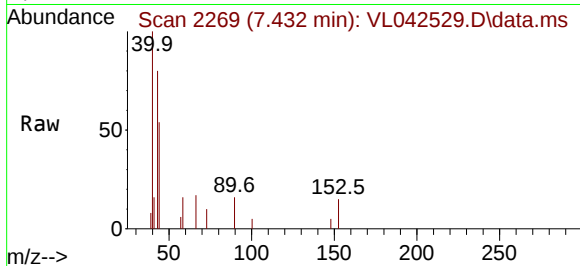




#51
2-Hexanone
Concen: 0.036 ppbv
RT: 7.432 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

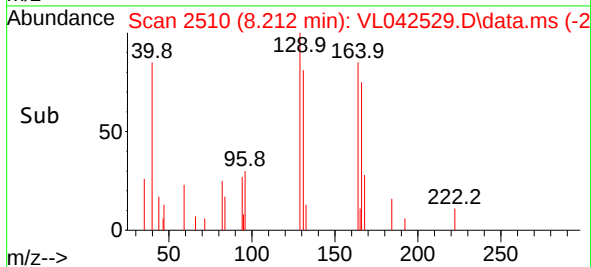
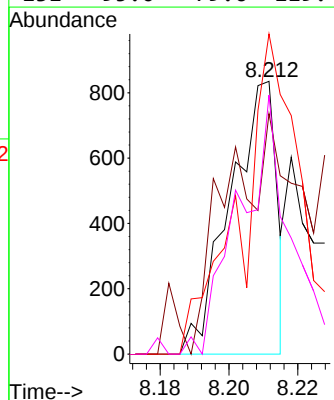
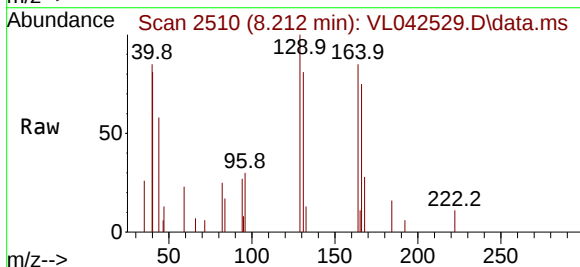
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

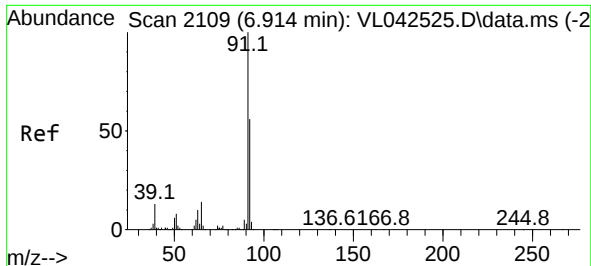
Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
58 89.3 37.5 56.3#
98 0.0 0.9 1.3#



#52
Tetrachloroethene
Concen: 0.082 ppbv
RT: 8.212 min Scan# 2510
Delta R.T. -0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 164 Resp: 785
Ion Ratio Lower Upper
164 100
166 78.0 91.3 136.9#
129 117.4 78.9 118.3
131 95.0 79.6 119.4

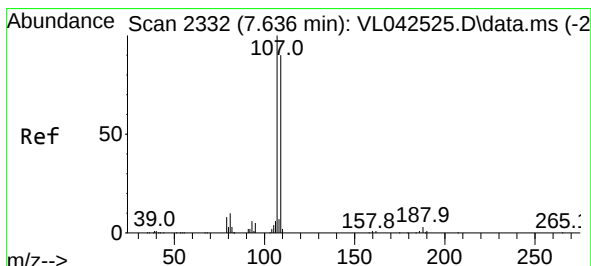
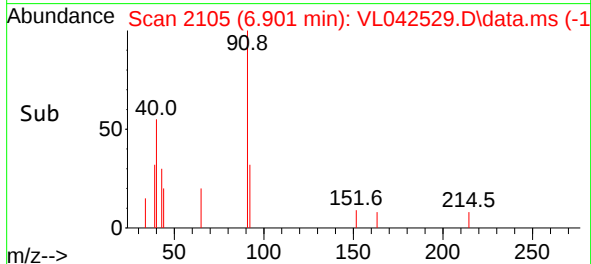
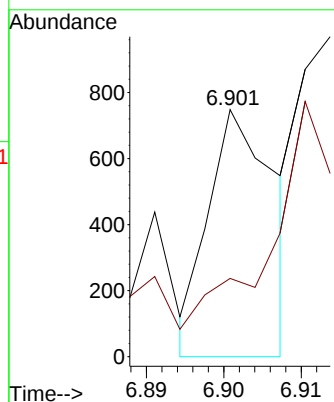
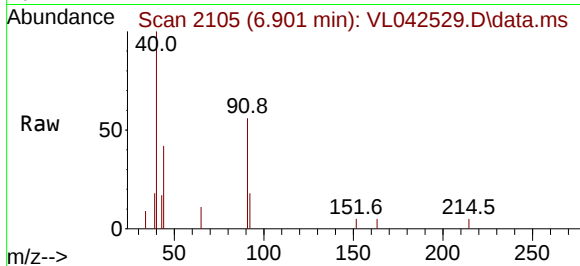




#53
Toluene
Concen: 0.018 ppbv
RT: 6.901 min Scan# 2105
Delta R.T. -0.013 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

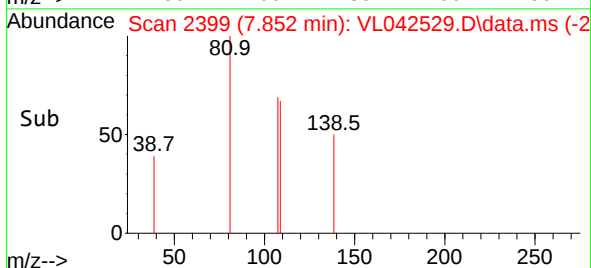
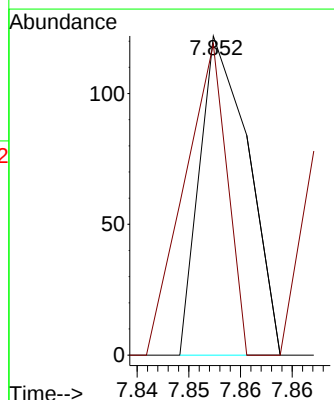
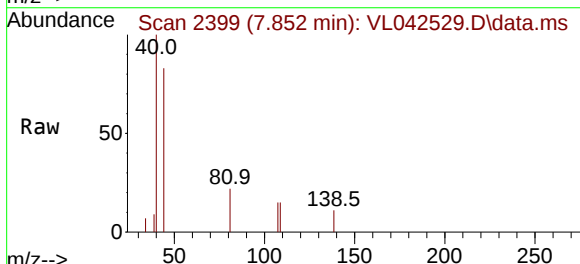
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

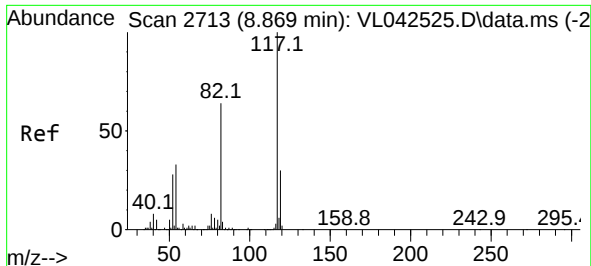
Tgt Ion: 91 Resp: 444
Ion Ratio Lower Upper
91 100
92 289.0 47.8 71.6#



#54
1,2-Dibromoethane
Concen: 0.003 ppbv
RT: 7.852 min Scan# 2399
Delta R.T. 0.217 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 107 Resp: 40
Ion Ratio Lower Upper
107 100
109 97.5 72.2 108.4

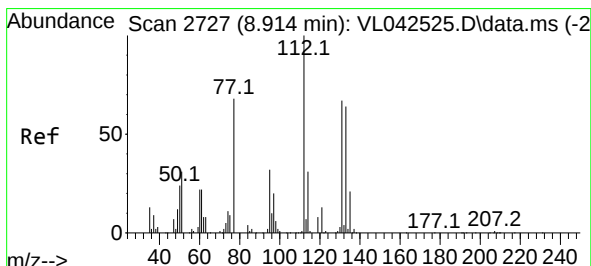
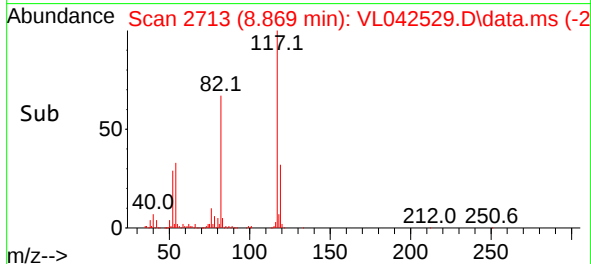
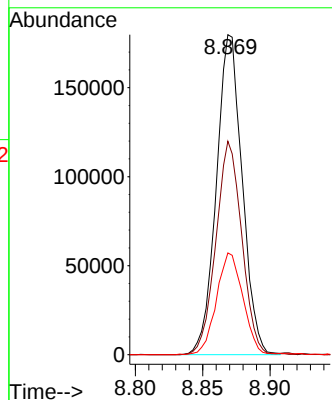
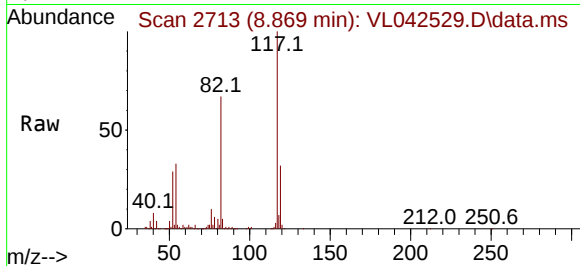




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.869 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

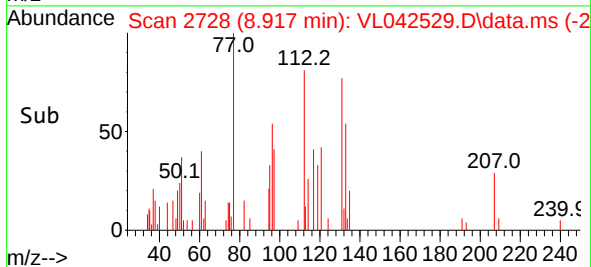
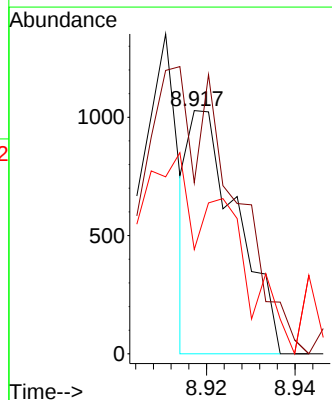
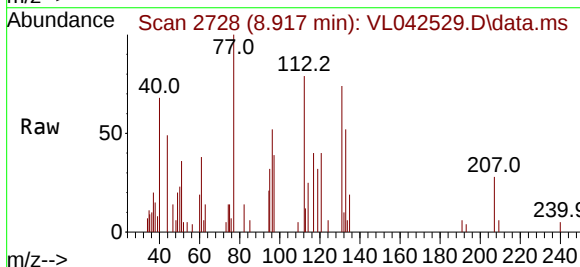
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

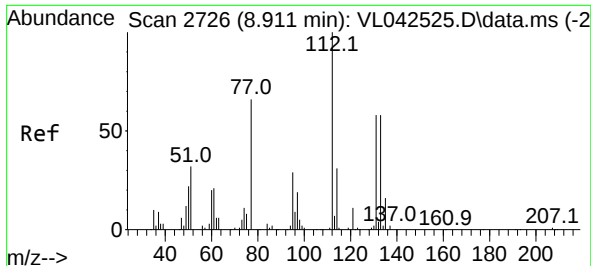
Tgt Ion:	117	Resp:	240256
Ion	Ratio	Lower	Upper
117	100		
82	66.7	55.0	82.4
119	32.9	25.8	38.6



#56
1,1,1,2-Tetrachloroethane
Concen: 0.052 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion:	131	Resp:	779
Ion	Ratio	Lower	Upper
131	100		
133	225.7	77.4	116.2#
119	0.0	49.0	73.4#

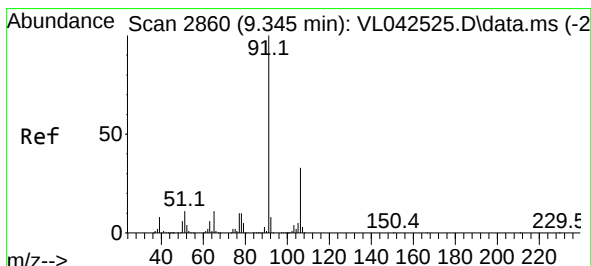
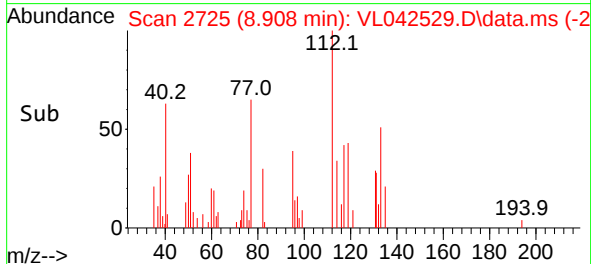
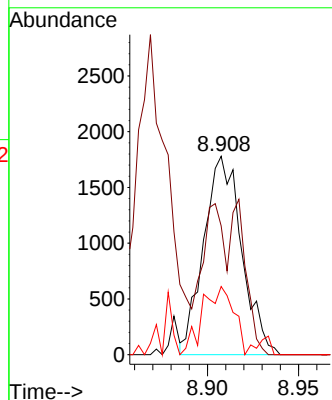
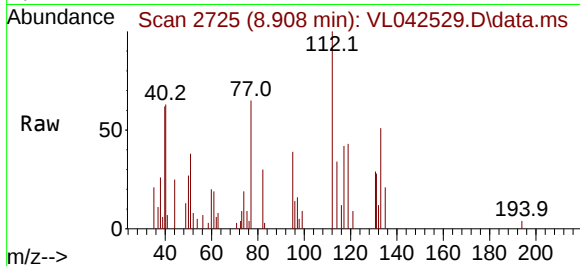




#57
Chlorobenzene
Concen: 0.107 ppbv
RT: 8.908 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

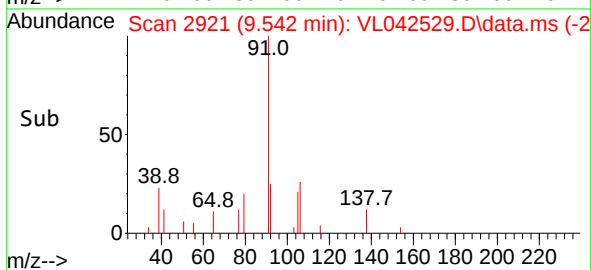
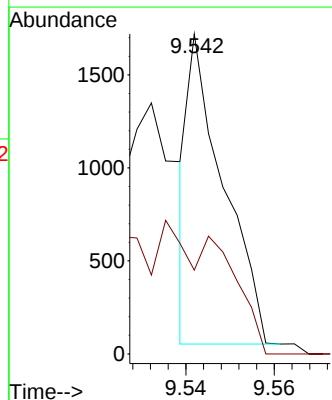
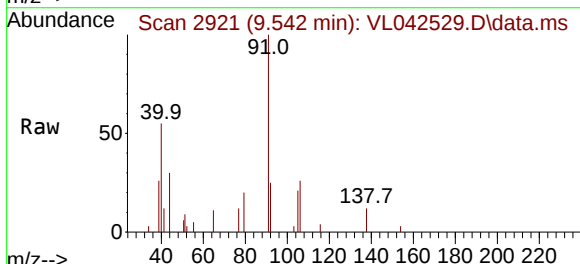
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

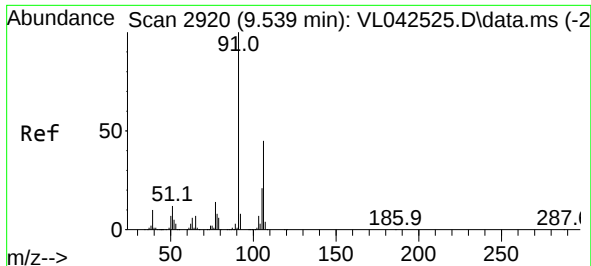
Tgt Ion:	112	Resp:	2579
Ion	Ratio	Lower	Upper
112	100		
77	64.9	53.6	80.4
114	34.4	28.2	34.4



#58
Ethyl Benzene
Concen: 0.028 ppbv
RT: 9.542 min Scan# 2921
Delta R.T. 0.197 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion:	91	Resp:	921
Ion	Ratio	Lower	Upper
91	100		
106	27.0	26.0	39.0





#59

m/p-Xylene

Concen: 0.032 ppbv

RT: 9.542 min Scan# 2920

Delta R.T. 0.003 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Instrument :

MSVOA_1

ClientSampleId :

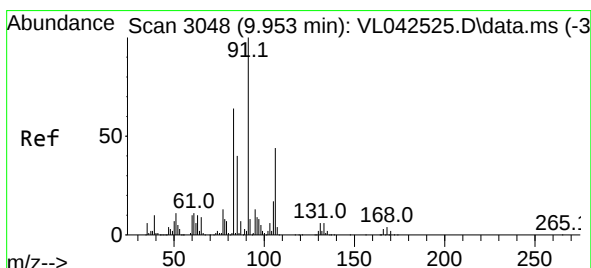
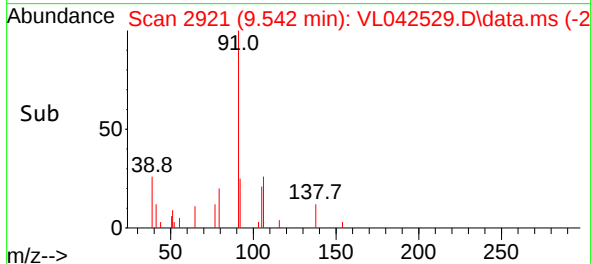
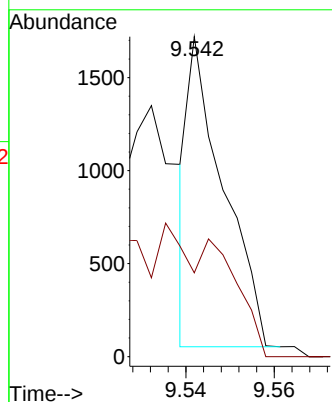
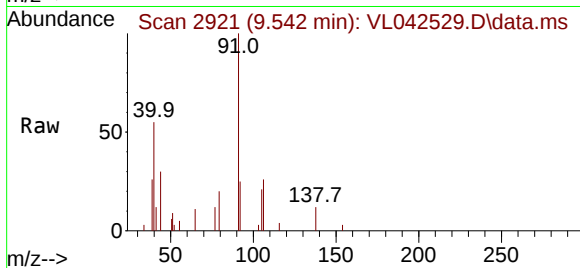
VSTDIC0.1

Tgt Ion: 91 Resp: 921

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 0.045 ppbv

RT: 9.950 min Scan# 3047

Delta R.T. -0.003 min

Lab File: VL042529.D

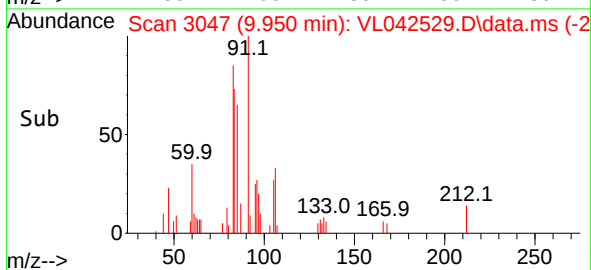
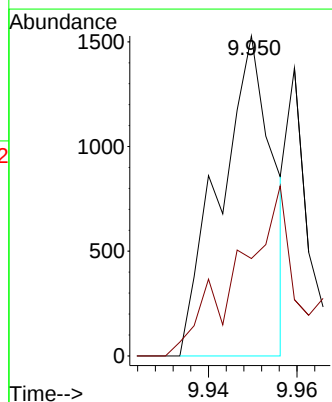
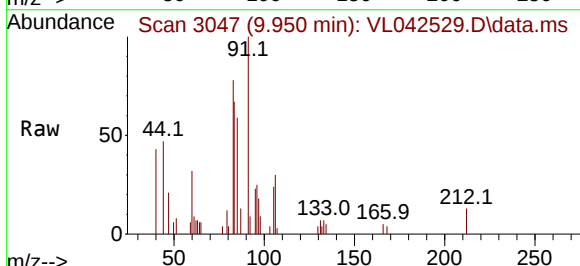
Acq: 12 May 2025 11:15

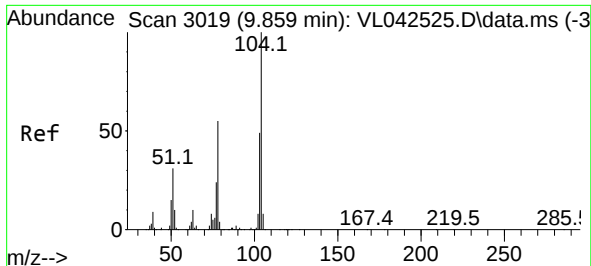
Tgt Ion: 91 Resp: 1267

Ion Ratio Lower Upper

91 100

106 0.0 21.6 64.6#

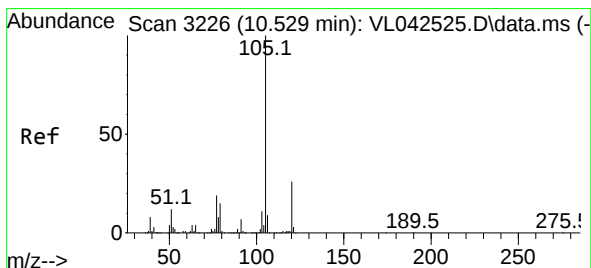
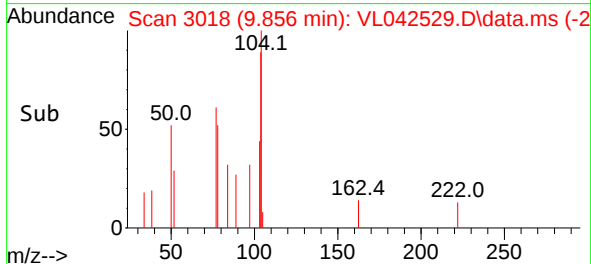
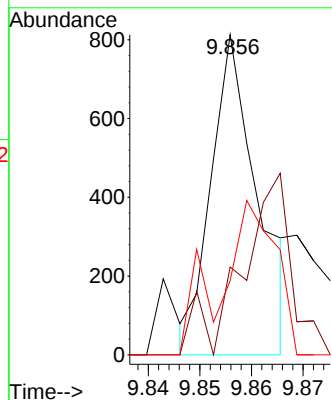
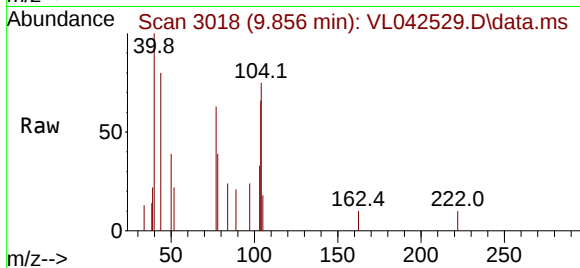




#61
Styrene
Concen: 0.049 ppbv
RT: 9.856 min Scan# 3019
Delta R.T. -0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

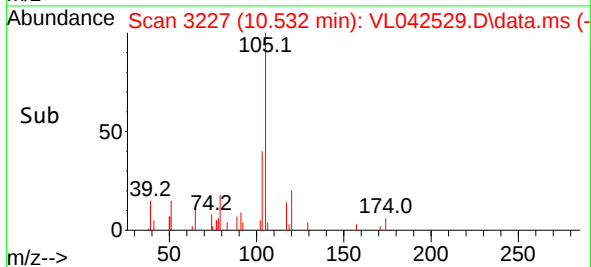
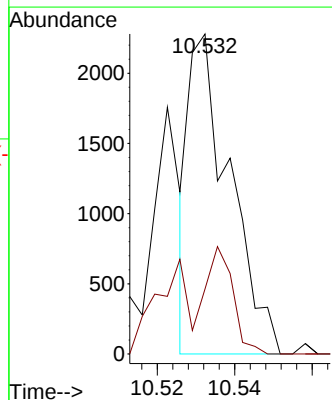
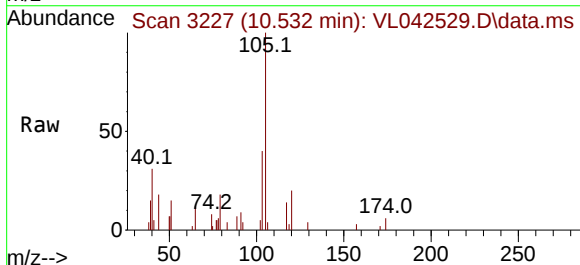
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

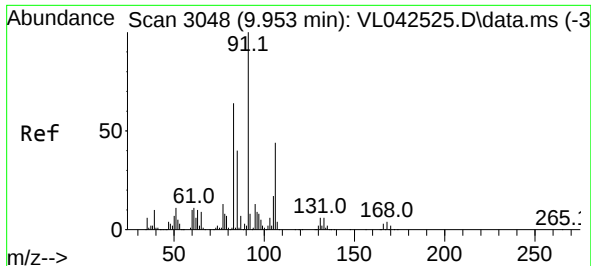
Tgt Ion:104 Resp: 508
Ion Ratio Lower Upper
104 100
78 0.0 44.7 67.1#
103 57.9 38.6 58.0



#62
Isopropylbenzene
Concen: 0.039 ppbv
RT: 10.532 min Scan# 3227
Delta R.T. 0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion:105 Resp: 1683
Ion Ratio Lower Upper
105 100
120 44.9 20.1 30.1#

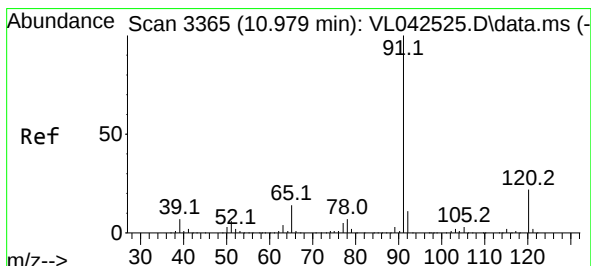
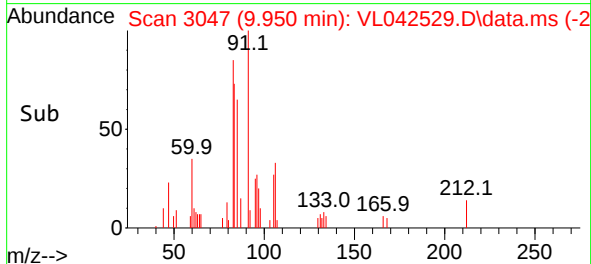
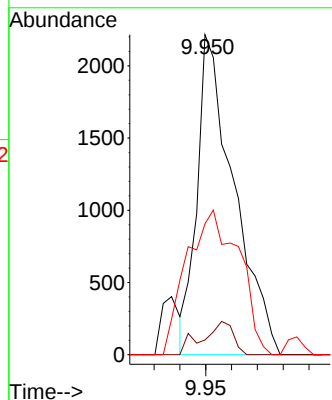
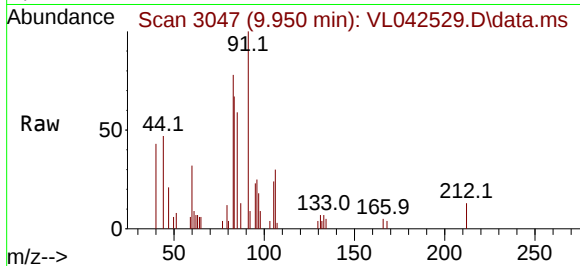




#63
1,1,2,2-Tetrachloroethane
Concen: 0.096 ppbv
RT: 9.950 min Scan# 3048
Delta R.T. -0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

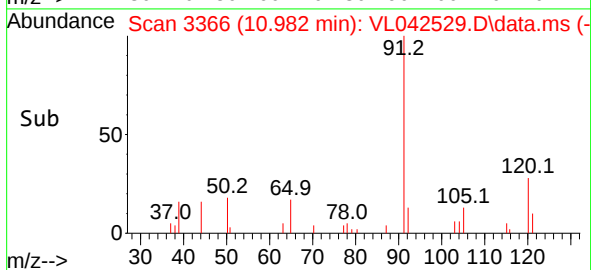
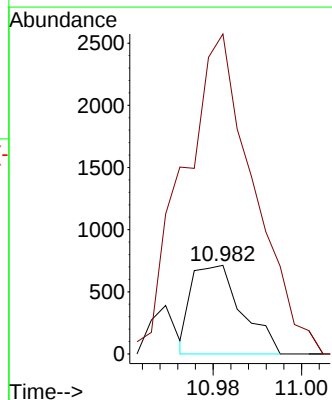
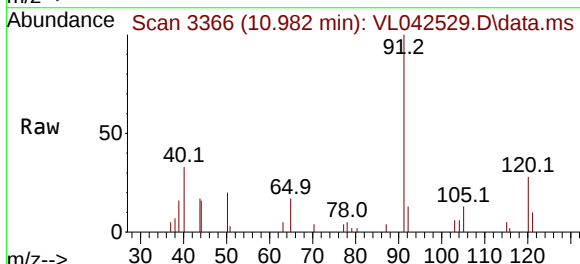
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

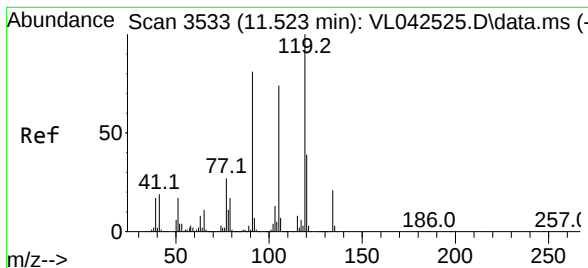
Tgt Ion: 83 Resp: 2194
Ion Ratio Lower Upper
83 100
131 8.6 4.9 14.7
85 66.8 32.3 96.8



#64
n-propylbenzene
Concen: 0.052 ppbv
RT: 10.982 min Scan# 3366
Delta R.T. 0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 120 Resp: 565
Ion Ratio Lower Upper
120 100
91 505.1 377.7 566.5

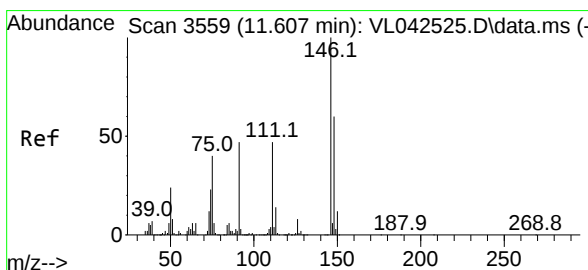
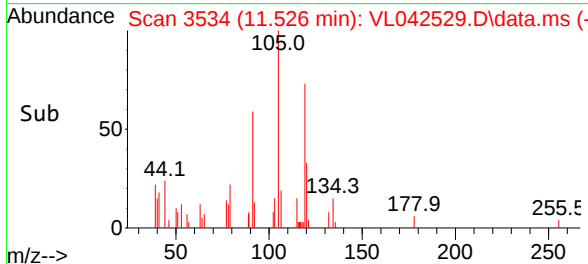
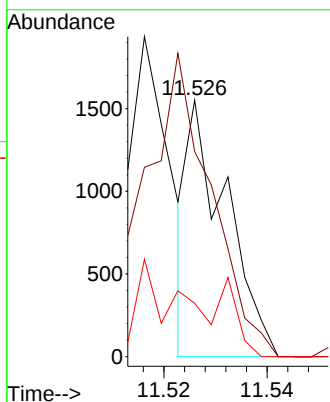
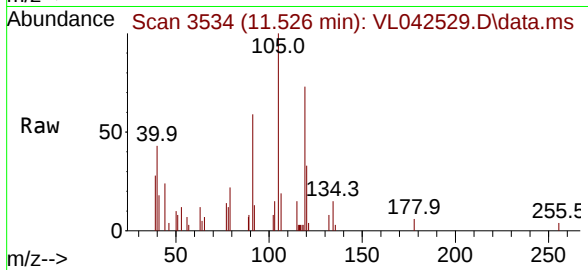




#65
tert-Butylbenzene
Concen: 0.021 ppbv
RT: 11.526 min Scan# 3533
Delta R.T. 0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

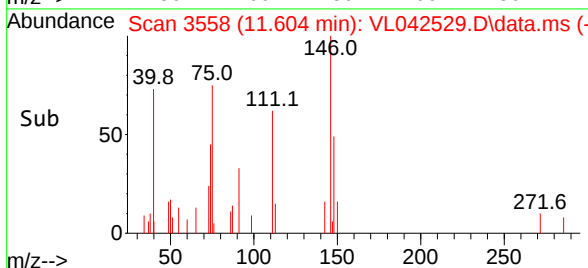
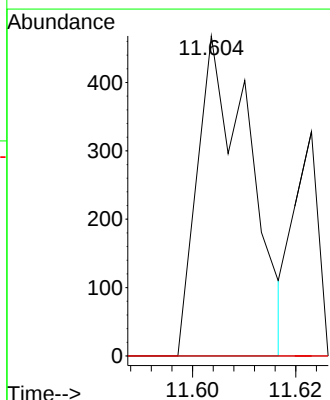
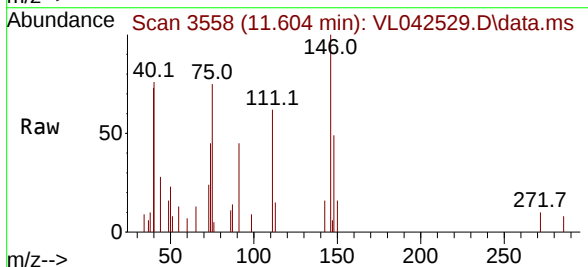
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

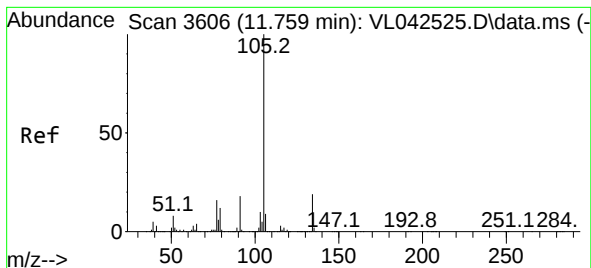
Tgt Ion:119 Resp: 809
Ion Ratio Lower Upper
119 100
91 224.2 66.6 99.8#
134 0.0 16.3 24.5#



#66
Benzyl Chloride
Concen: 0.063 ppbv
RT: 11.604 min Scan# 3558
Delta R.T. -0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 91 Resp: 329
Ion Ratio Lower Upper
91 100
126 0.0 13.7 20.5#
128 0.0 4.2 6.2#





#67

sec-Butylbenzene

Concen: 0.031 ppbv

RT: 11.762 min Scan# 3607

Delta R.T. 0.003 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Instrument :

MSVOA_1

ClientSampleId :

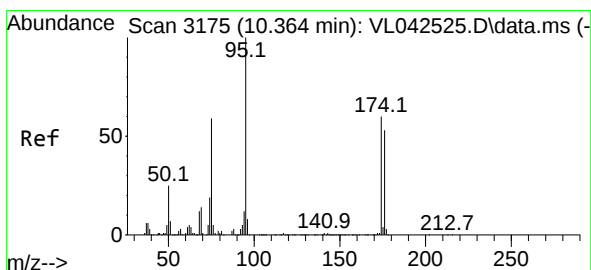
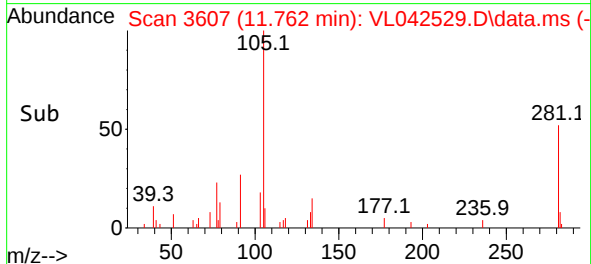
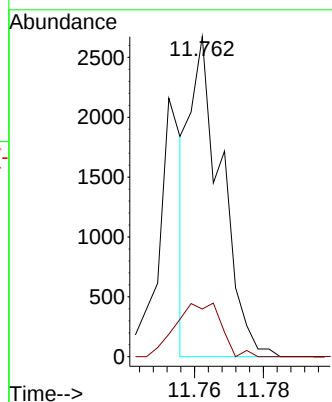
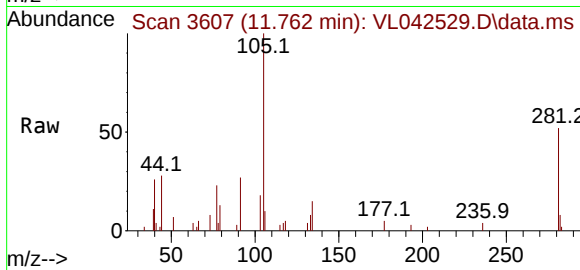
VSTDIC0.1

Tgt Ion:105 Resp: 1718

Ion Ratio Lower Upper

105 100

134 24.0 14.9 22.3#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.645 ppbv

RT: 10.367 min Scan# 3176

Delta R.T. 0.003 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

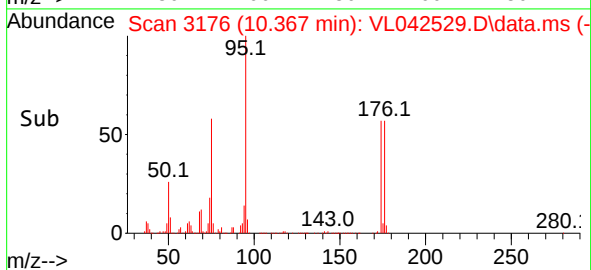
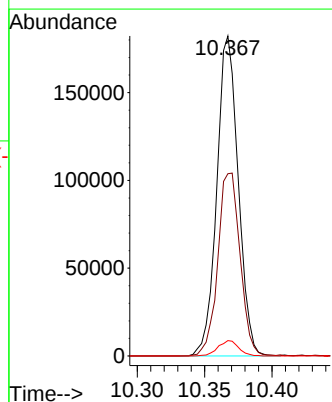
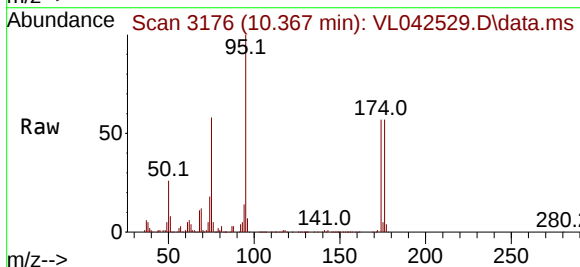
Tgt Ion: 95 Resp: 201627

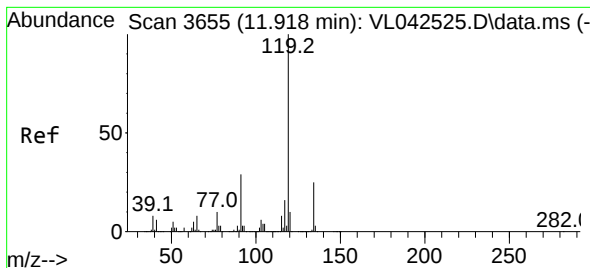
Ion Ratio Lower Upper

95 100

174 59.9 48.0 72.0

175 4.6 3.5 5.3

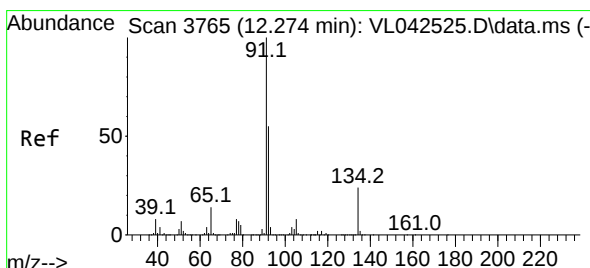
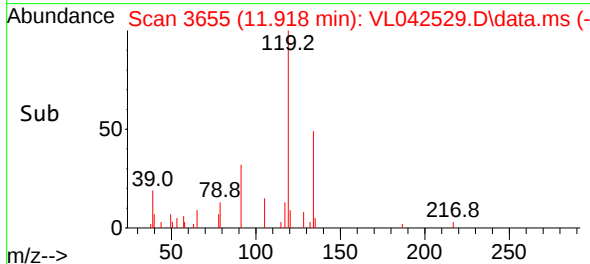
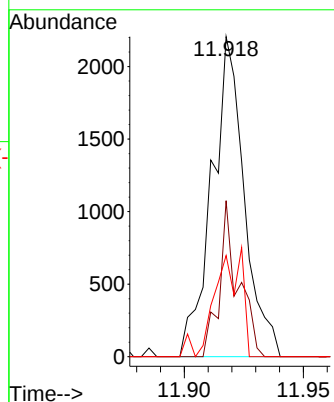
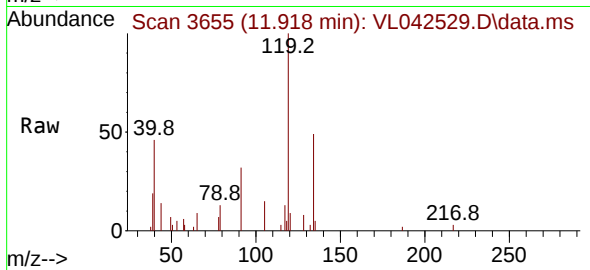




#69
 p-Isopropyltoluene
 Concen: 0.045 ppbv
 RT: 11.918 min Scan# 3655
 Delta R.T. -0.000 min
 Lab File: VL042529.D
 Acq: 12 May 2025 11:15

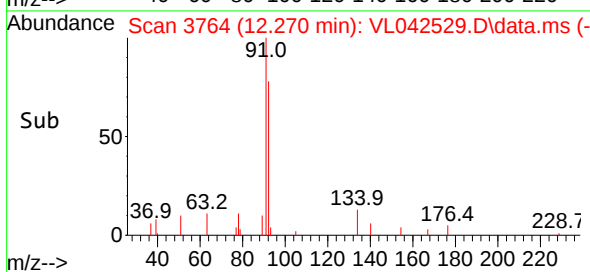
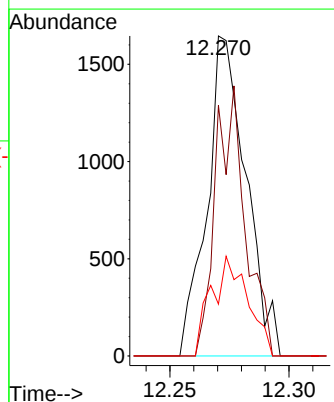
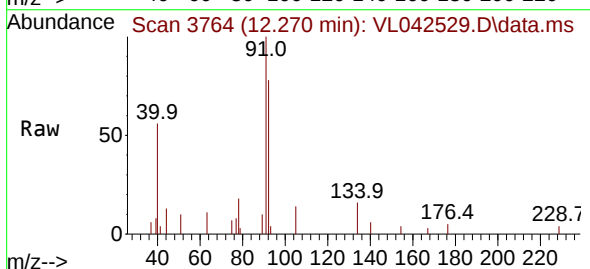
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

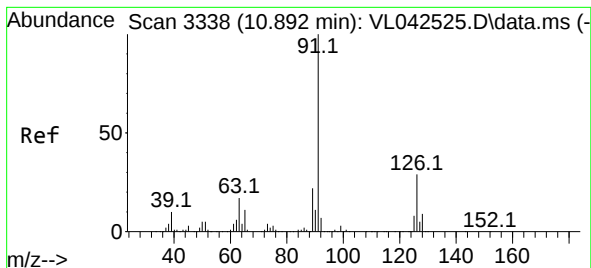
Tgt Ion:	119	Resp:	2080
Ion	Ratio	Lower	Upper
119	100		
134	28.3	19.8	29.6
91	27.8	23.6	35.4



#70
 n-Butylbenzene
 Concen: 0.041 ppbv
 RT: 12.270 min Scan# 3764
 Delta R.T. -0.003 min
 Lab File: VL042529.D
 Acq: 12 May 2025 11:15

Tgt Ion:	91	Resp:	1876
Ion	Ratio	Lower	Upper
91	100		
92	64.3	43.7	65.5
134	29.2	18.9	28.3

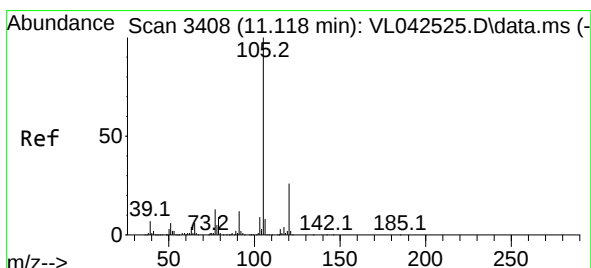
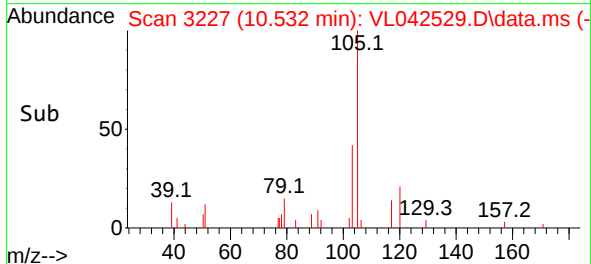
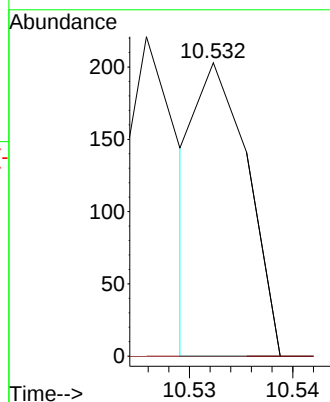
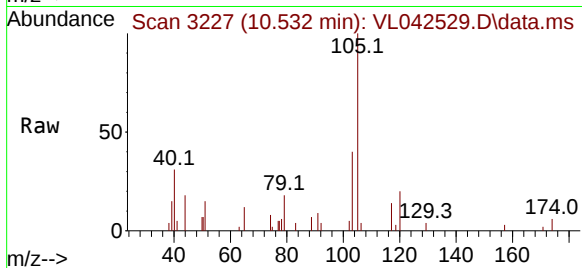




#71
2-Chlorotoluene
Concen: 0.002 ppbv
RT: 10.532 min Scan# 31
Delta R.T. -0.359 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

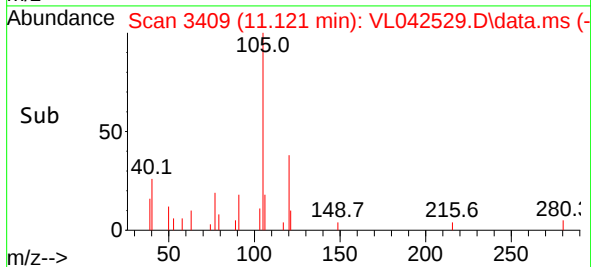
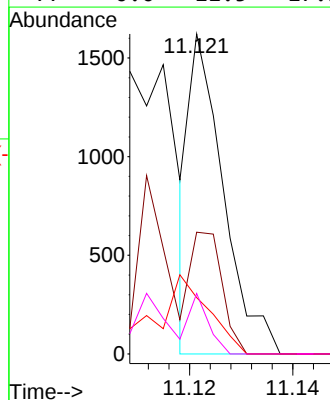
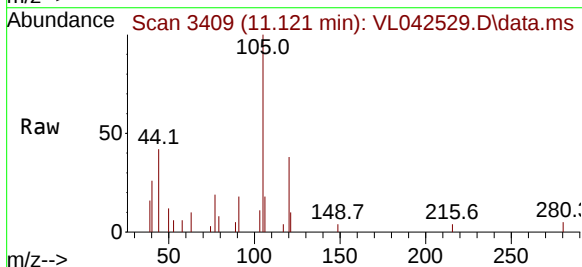
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

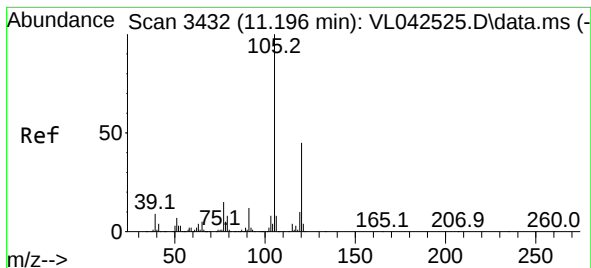
Tgt Ion: 91 Resp: 67
Ion Ratio Lower Upper
91 100
126 29.9 11.4 45.6



#72
4-Ethyltoluene
Concen: 0.021 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. 0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion: 105 Resp: 738
Ion Ratio Lower Upper
105 100
120 0.0 22.9 34.3#
91 44.7 10.9 16.3#
77 0.0 11.5 17.3#





#73

1,3,5-Trimethylbenzene

Concen: 0.058 ppbv

RT: 11.196 min Scan# 3432

Delta R.T. -0.000 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Instrument :

MSVOA_1

ClientSampleId :

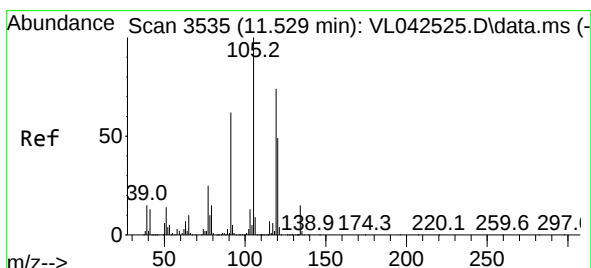
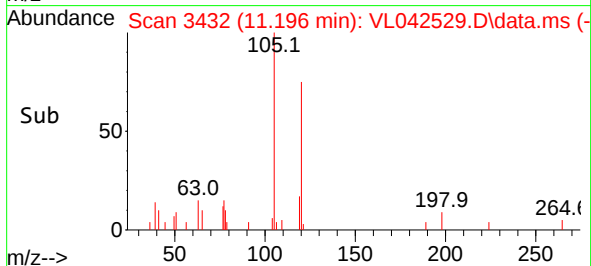
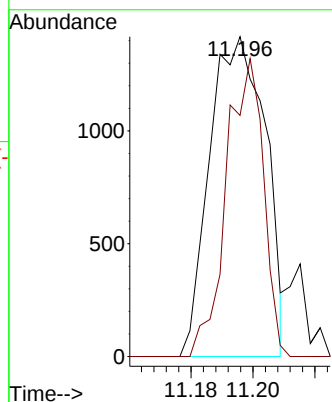
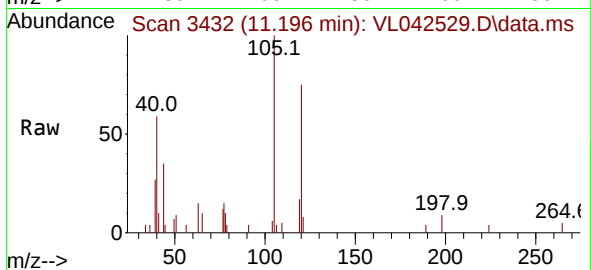
VSTDIC0.1

Tgt Ion:105 Resp: 1777

Ion Ratio Lower Upper

105 100

120 75.4 36.0 54.0#



#74

1,2,4-Trimethylbenzene

Concen: 0.051 ppbv

RT: 11.526 min Scan# 3534

Delta R.T. -0.003 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Tgt Ion:105 Resp: 1921

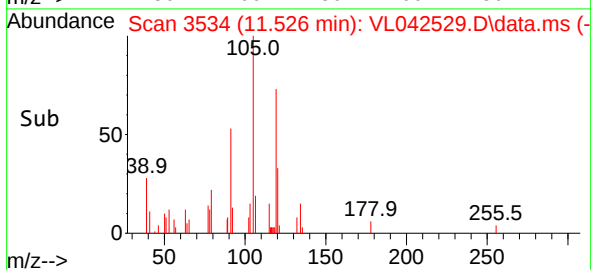
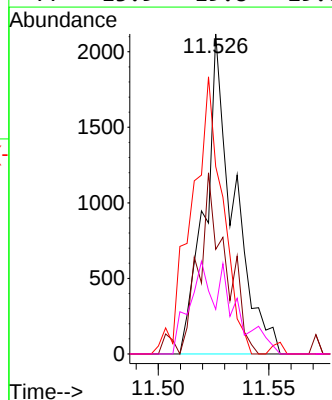
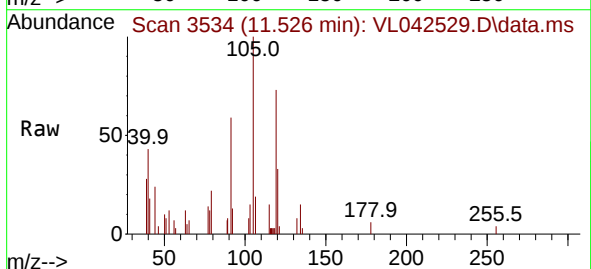
Ion Ratio Lower Upper

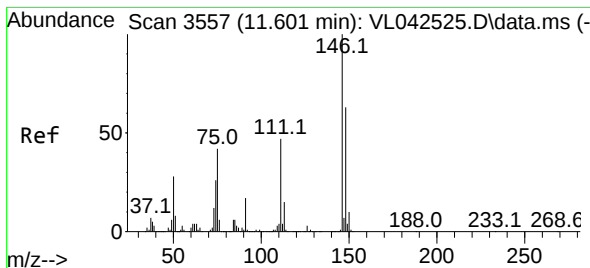
105 100

120 32.7 39.0 58.6#

91 54.9 49.4 74.2

77 13.9 19.8 29.6#





#75

1,3-Dichlorobenzene

Concen: 0.023 ppbv

RT: 11.607 min Scan# 3557

Delta R.T. 0.006 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

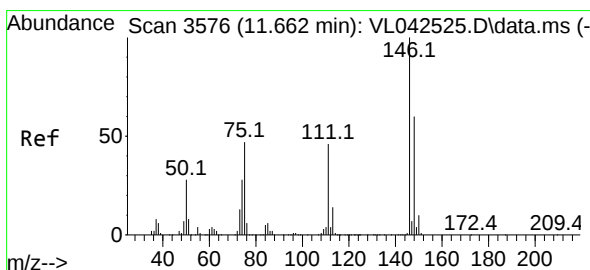
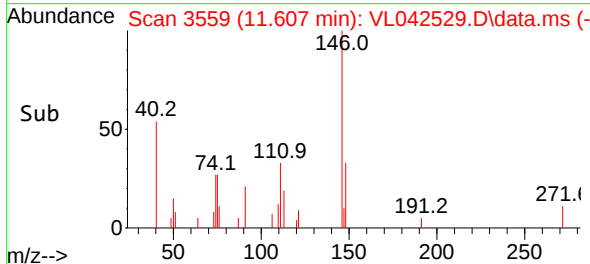
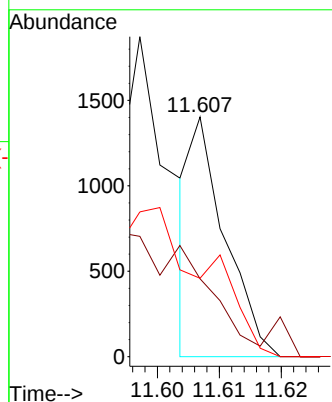
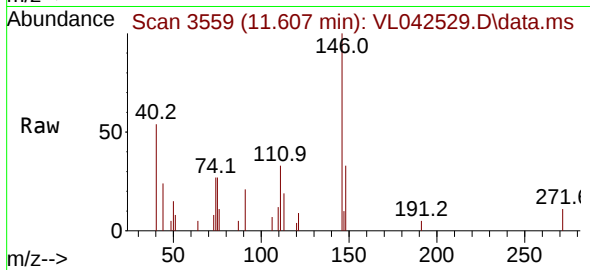
Tgt Ion:146 Resp: 536

Ion Ratio Lower Upper

146 100

111 0.0 23.6 71.0#

148 192.5 31.6 94.8#



#76

1,4-Dichlorobenzene

Concen: 0.037 ppbv

RT: 11.662 min Scan# 3576

Delta R.T. -0.000 min

Lab File: VL042529.D

Acq: 12 May 2025 11:15

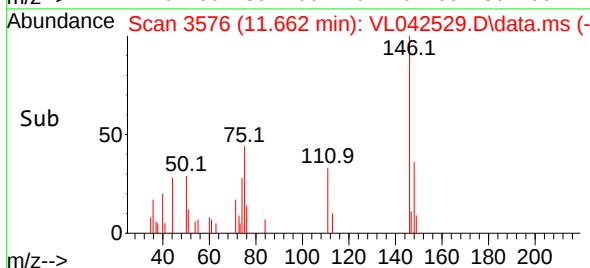
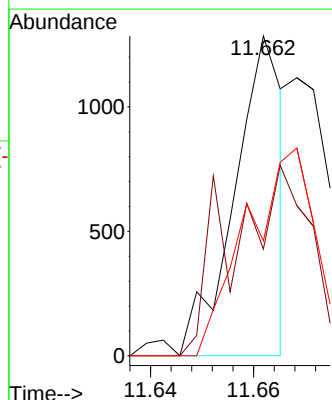
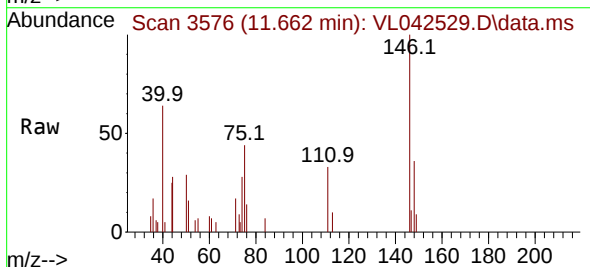
Tgt Ion:146 Resp: 835

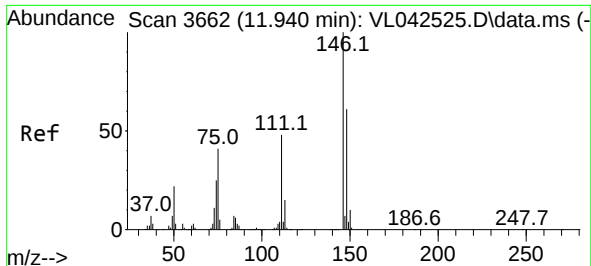
Ion Ratio Lower Upper

146 100

111 0.0 23.4 70.3#

148 0.0 31.6 94.7#

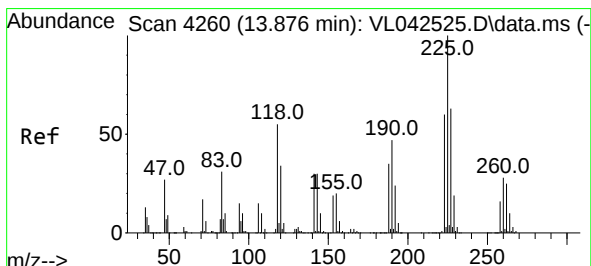
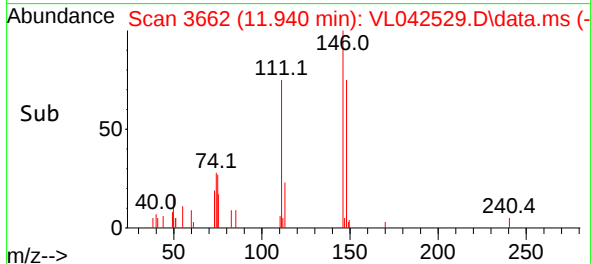
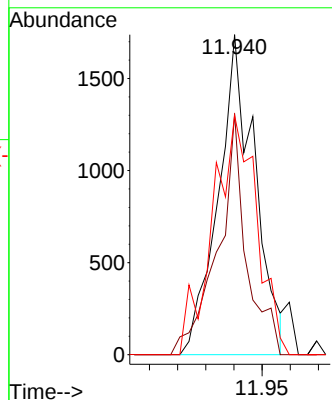
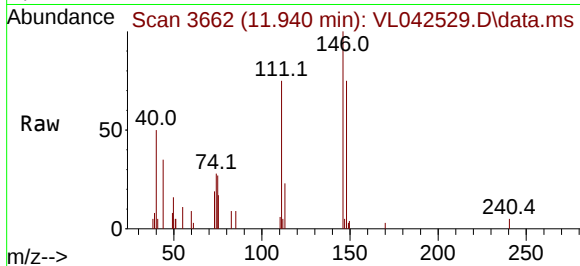




#77
1,2-Dichlorobenzene
Concen: 0.064 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. -0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

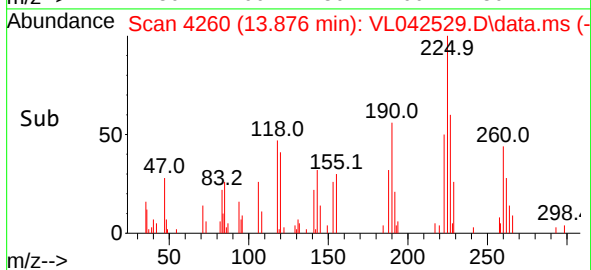
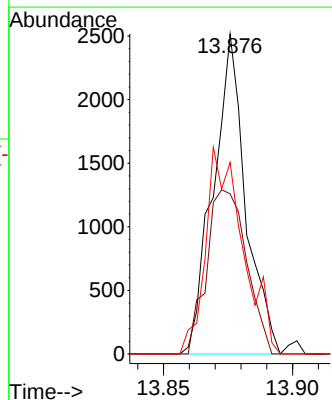
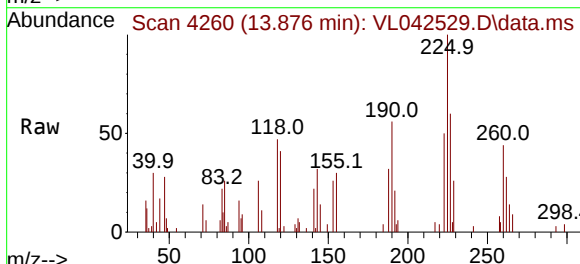
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

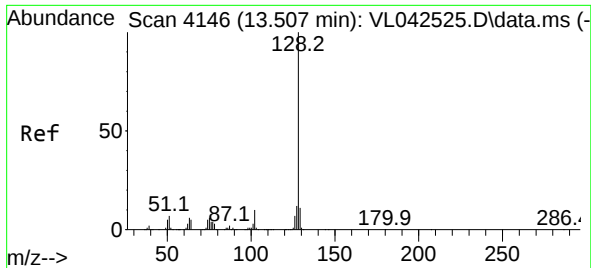
Tgt Ion:	146	Resp:	1567
Ion Ratio	Lower	Upper	
146	100		
111	58.3	24.9	74.8
148	89.9	31.4	94.2



#78
Hexachloro-1,3-Butadiene
Concen: 0.105 ppbv
RT: 13.876 min Scan# 4260
Delta R.T. -0.000 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion:	225	Resp:	2199
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.8	76.2
227	73.9	50.5	75.7

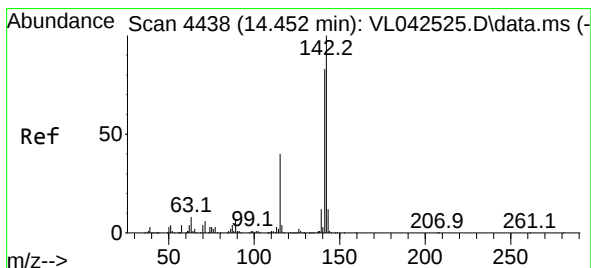
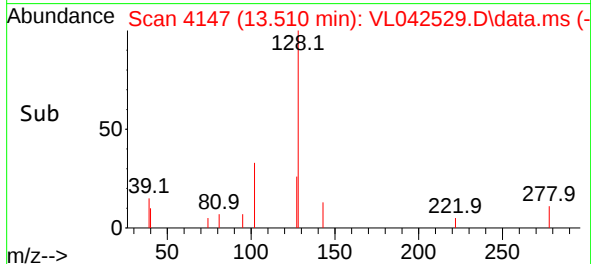
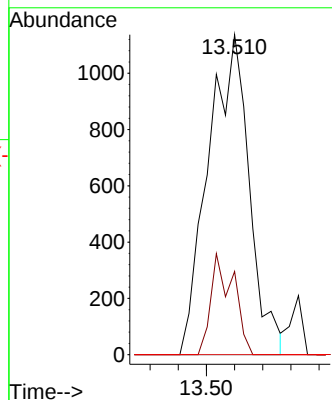
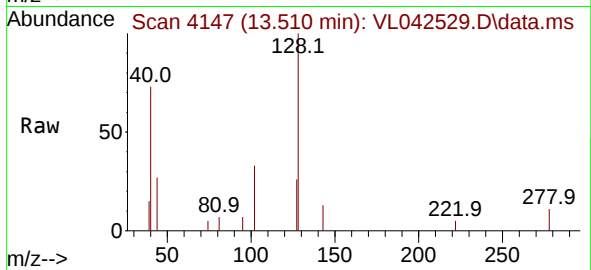




#79
Naphthalene
Concen: 0.044 ppbv
RT: 13.510 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

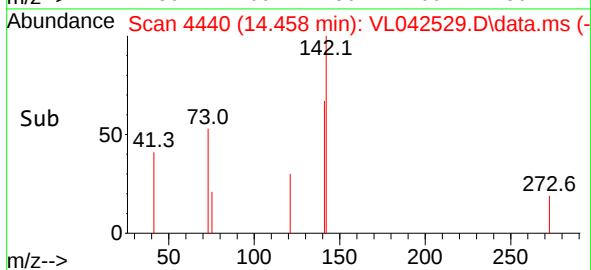
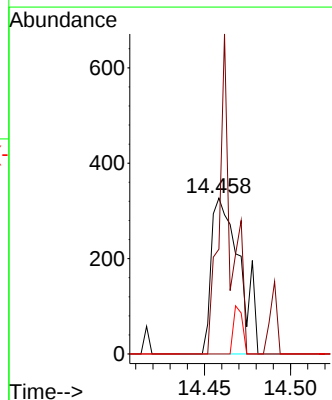
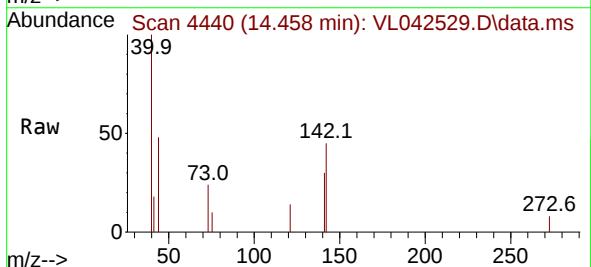
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

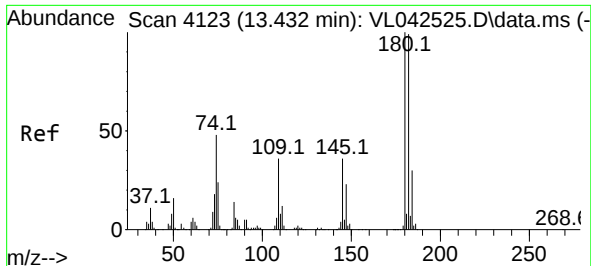
Tgt Ion:128 Resp: 1152
Ion Ratio Lower Upper
128 100
127 26.0 9.8 14.8#
129 0.0 8.6 12.8#



#80
Naphthalene,2-methyl-
Concen: 0.025 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.006 min
Lab File: VL042529.D
Acq: 12 May 2025 11:15

Tgt Ion:142 Resp: 372
Ion Ratio Lower Upper
142 100
141 89.5 66.8 100.2
115 0.0 33.0 49.6#





#81

1,2,4-Trichlorobenzene

Concen: 0.011 ppbv

RT: 13.429 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042529.D

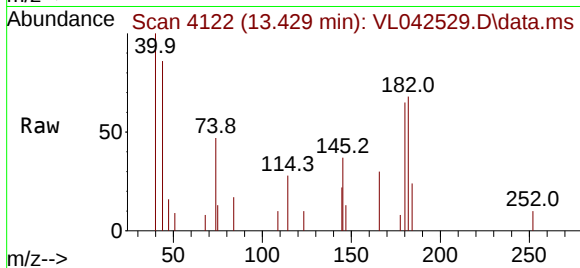
Acq: 12 May 2025 11:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1



Tgt Ion:	180	Resp:	179
Ion Ratio	Lower	Upper	
180	100		
182	0.0	76.6	114.8#
184	0.0	24.6	36.8#

