

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051225\
 Data File : VL042530.D
 Acq On : 12 May 2025 11:49
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: May 12 23:49:39 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	2.780	49	96870	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	261294	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	223954	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	190537	9.778	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.495	85	610	0.039	ppbv #	52
3) Chlorodifluoromethane	1.476	51	618	0.039	ppbv	99
4) Chloromethane	1.528	50	157	0.024	ppbv #	55
5) Vinyl Chloride	1.576	62	229	0.035	ppbv #	4
6) Bromomethane	1.661	94	216	0.069	ppbv #	9
7) Chloroethane	1.699	64	31	0.012	ppbv #	43
8) Dichlorotetrafluoroethane	1.550	85	522	0.039	ppbv #	67
9) Propene	1.479	41	378	0.109	ppbv #	85
10) Heptane	4.965	43	45	0.003	ppbv #	1
11) Trichlorofluoromethane	1.874	101	621	0.041	ppbv #	79
12) 1,1,2-Trichlorotrifluo...	2.136	101	342	0.028	ppbv #	52
13) Ethanol	1.716	45	163	0.172	ppbv	95
14) Bromoethene	1.777	108	225	0.051	ppbv #	70
15) Acetone	1.832	43	1762	0.114	ppbv #	70
16) 1,3-Butadiene	1.599	39	411	0.059	ppbv	87
17) tert-Butyl alcohol	2.039	59	645	0.045	ppbv #	68
18) 1,1-Dichloroethene	2.026	96	327	0.061	ppbv #	28
19) Isopropyl Alcohol	1.881	45	840	0.100	ppbv #	95
20) Methylene Chloride	2.055	84	1336	0.248	ppbv	88
21) Allyl Chloride	2.094	41	335	0.033	ppbv #	1
22) trans-1,2-Dichloroethene	2.340	96	358	0.057	ppbv #	4
23) Vinyl Acetate	2.457	43	565	0.035	ppbv #	64
24) 1,1-Dichloroethane	2.402	63	608	0.050	ppbv #	87
25) Ethyl Acetate	2.826	43	120	0.004	ppbv #	75
26) Hexane	2.819	57	126	0.011	ppbv #	1
27) Carbon Disulfide	2.143	76	651	0.045	ppbv #	1
28) Methyl tert-Butyl Ether	2.437	73	389	0.063	ppbv #	76
29) Chloroform	2.842	83	596	0.026	ppbv	92
30) Cyclohexane	3.748	84	42	0.005	ppbv #	21
31) cis-1,2-Dichloroethene	2.712	61	166	0.013	ppbv #	79
32) 1,1,1-Trichloroethane	3.360	97	730	0.031	ppbv	96
34) 2-Butanone	2.554	43	446	0.026	ppbv #	79
35) Carbon Tetrachloride	3.751	117	468	0.020	ppbv #	47
36) Benzene	3.648	78	671	0.029	ppbv #	80
37) 1,2-Dichloroethane	3.208	62	349	0.021	ppbv #	82
38) Trichloroethene	4.531	130	323	0.033	ppbv #	63
39) 1,2-Dichloropropane	3.949	63	68604	7.959	ppbv #	17
40) 1,4-Dioxane	4.554	88	36	0.010	ppbv #	13
41) Tetrahydrofuran	3.052	42	21	0.003	ppbv #	36
42) Bromodichloromethane	4.473	83	194	0.009	ppbv #	72
43) Methyl Methacrylate	4.865	69	14	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	4.628	57	487	0.013	ppbv #	41
45) t-1,3-Dichloropropene	6.399	75	25	0.003	ppbv #	46

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051225\
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 Sample : VSTDIC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

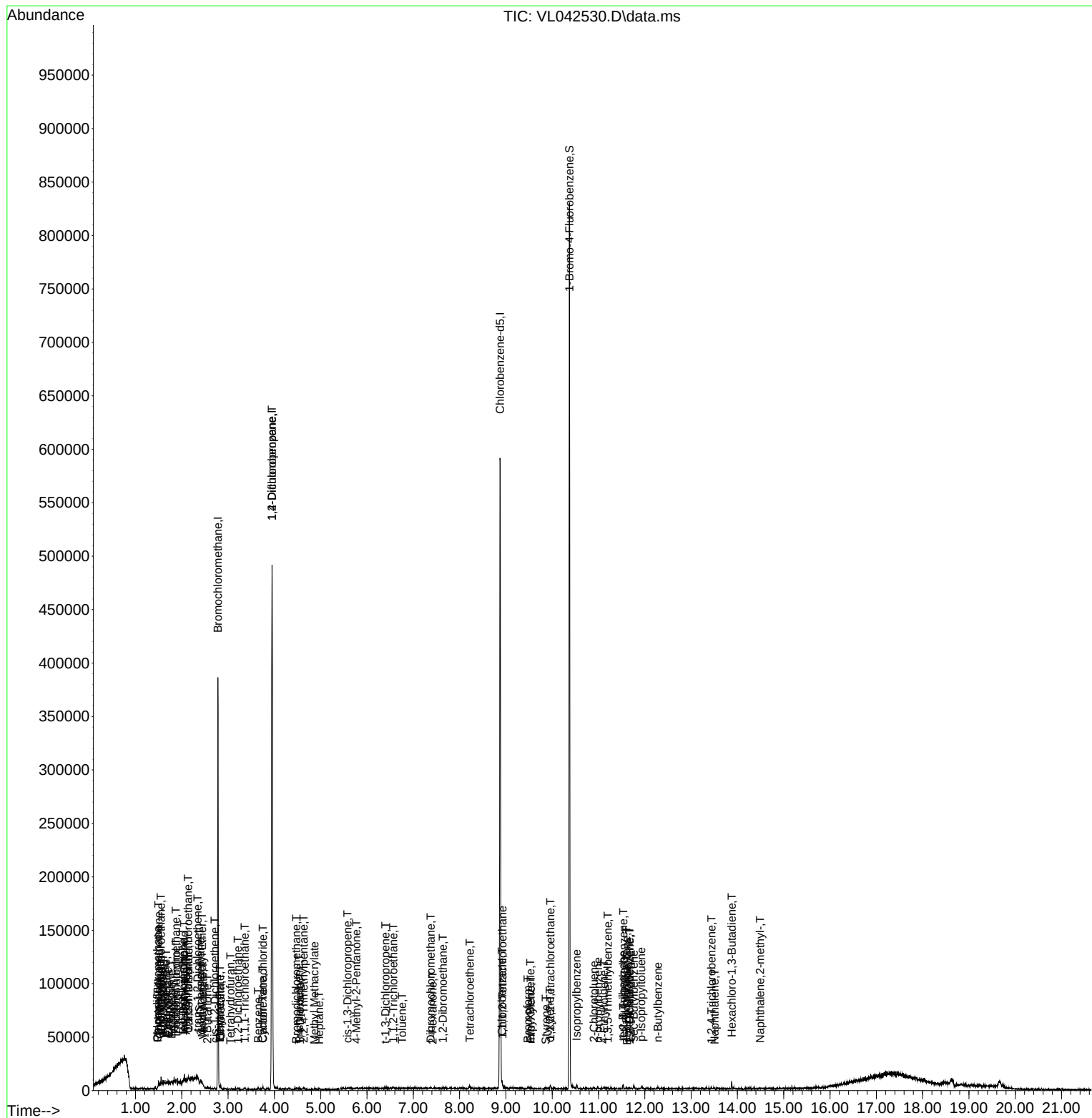
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon May 12 23:42:45 2025
 Response via : Initial Calibration

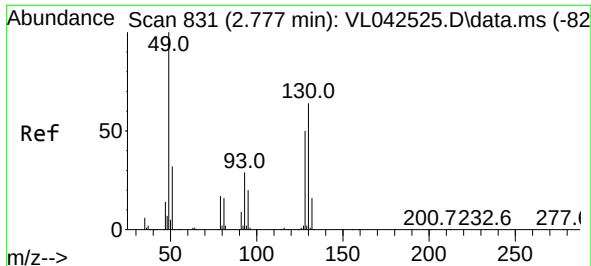
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.580	75	207	0.017	ppbv	#	81
47) 1,1,2-Trichloroethane	6.570	97	81	0.008	ppbv	#	44
48) Dibromochloromethane	7.376	129	247	0.015	ppbv	#	1
49) Bromoform	9.474	173	477	0.034	ppbv	#	45
50) 4-Methyl-2-Pentanone	5.768	43	82	0.004	ppbv	#	39
51) 2-Hexanone	7.418	43	39	0.003	ppbv	#	44
52) Tetrachloroethene	8.221	164	109	0.012	ppbv	#	43
53) Toluene	6.758	91	38	0.002	ppbv		92
54) 1,2-Dibromoethane	7.635	107	204	0.014	ppbv		83
56) 1,1,1,2-Tetrachloroethane	8.927	131	92	0.007	ppbv	#	9
57) Chlorobenzene	8.917	112	338	0.015	ppbv	#	84
58) Ethyl Benzene	9.529	91	281	0.009	ppbv		97
59) m/p-Xylene	9.538	91	331	0.012	ppbv	#	100
60) o-Xylene	9.950	91	507	0.019	ppbv		100
61) Styrene	9.862	104	96	0.010	ppbv	#	52
62) Isopropylbenzene	10.529	105	403	0.010	ppbv	#	11
63) 1,1,2,2-Tetrachloroethane	9.959	83	444	0.021	ppbv	#	43
64) n-propylbenzene	10.988	120	138	0.014	ppbv	#	18
65) tert-Butylbenzene	11.523	119	618	0.017	ppbv	#	96
66) Benzyl Chloride	11.616	91	44	0.009	ppbv	#	66
67) sec-Butylbenzene	11.762	105	653	0.012	ppbv	#	68
69) p-Isopropyltoluene	11.924	119	375	0.009	ppbv	#	35
70) n-Butylbenzene	12.280	91	493	0.012	ppbv	#	82
71) 2-Chlorotoluene	10.901	91	501	0.017	ppbv		94
72) 4-Ethyltoluene	11.121	105	320	0.010	ppbv	#	60
73) 1,3,5-Trimethylbenzene	11.202	105	496	0.017	ppbv	#	74
74) 1,2,4-Trimethylbenzene	11.535	105	568	0.016	ppbv	#	62
75) 1,3-Dichlorobenzene	11.600	146	423	0.019	ppbv		85
76) 1,4-Dichlorobenzene	11.662	146	56	0.003	ppbv	#	23
77) 1,2-Dichlorobenzene	11.675	146	244	0.011	ppbv		91
78) Hexachloro-1,3-Butadiene	13.876	225	796	0.041	ppbv		89
79) Naphthalene	13.507	128	112	0.005	ppbv	#	70
80) Naphthalene,2-methyl-	14.491	142	90	0.006	ppbv	#	35
81) 1,2,4-Trichlorobenzene	13.442	180	23	0.002	ppbv	#	12

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

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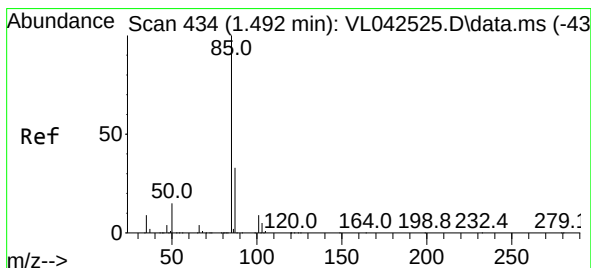
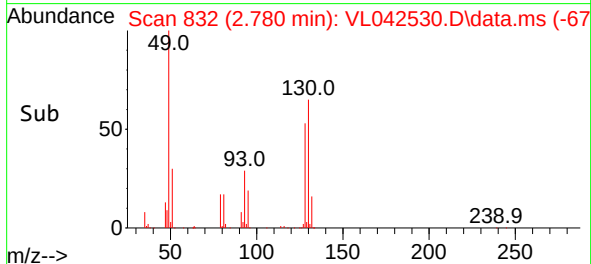
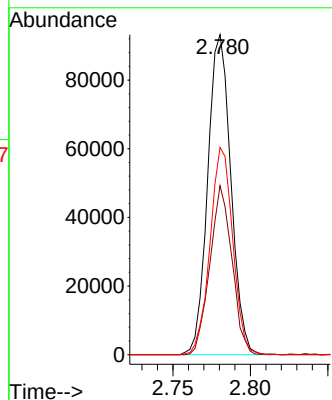
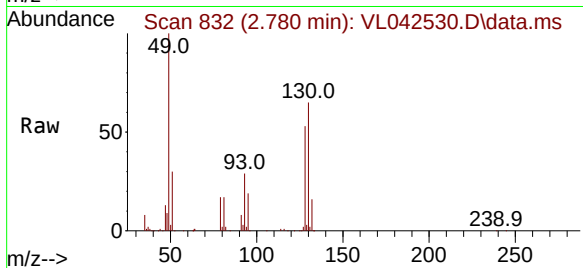




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.780 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

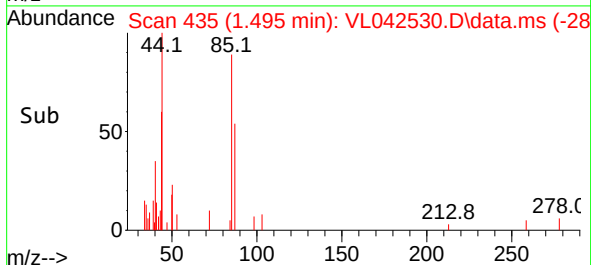
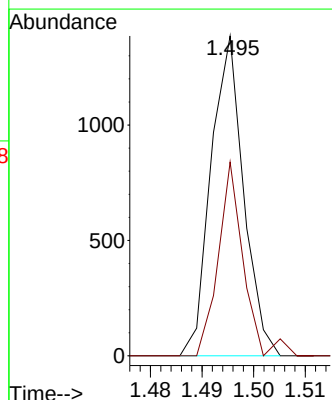
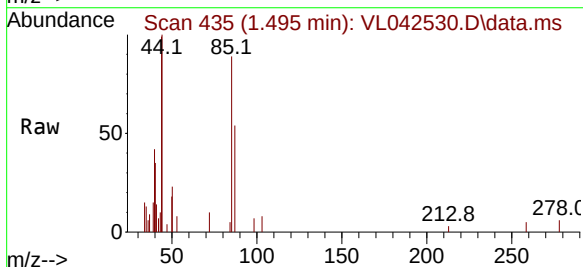
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

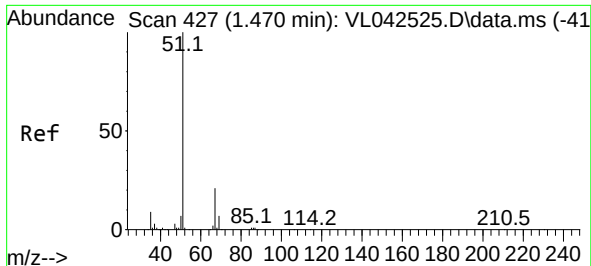
Tgt Ion: 49 Resp: 96870
Ion Ratio Lower Upper
49 100
128 50.2 24.9 74.6
130 63.5 32.5 97.5



#2
Dichlorodifluoromethane
Concen: 0.039 ppbv
RT: 1.495 min Scan# 435
Delta R.T. 0.003 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 85 Resp: 610
Ion Ratio Lower Upper
85 100
87 60.6 26.8 40.2#

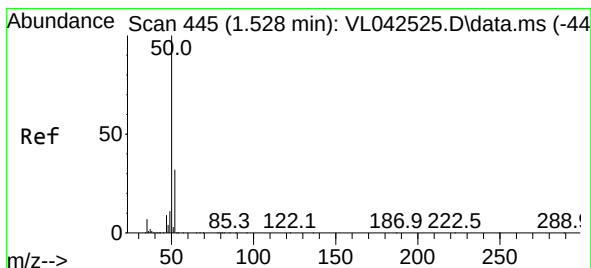
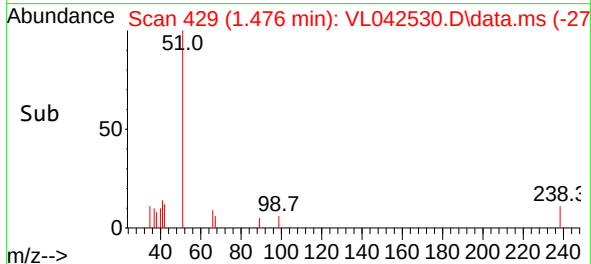
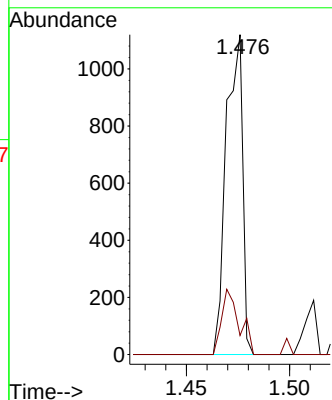
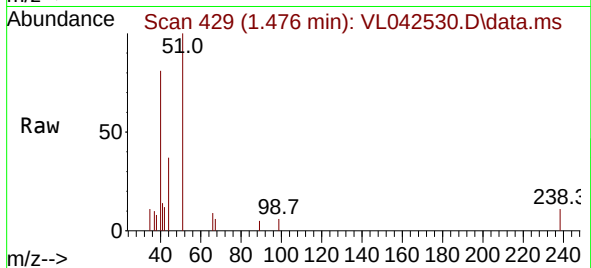




#3
Chlorodifluoromethane
Concen: 0.039 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

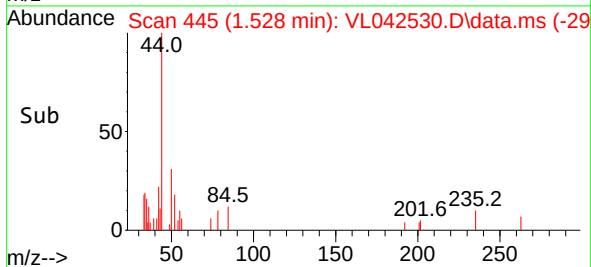
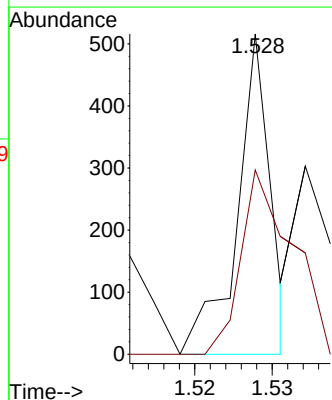
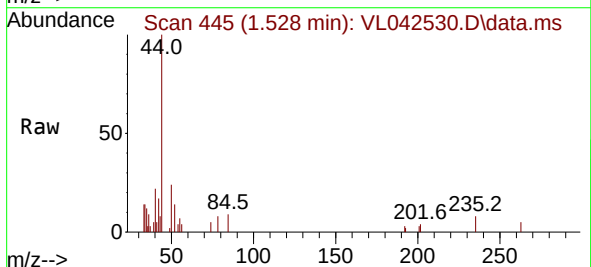
Instrument :
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ClientSampleId :
VSTDIC0.03

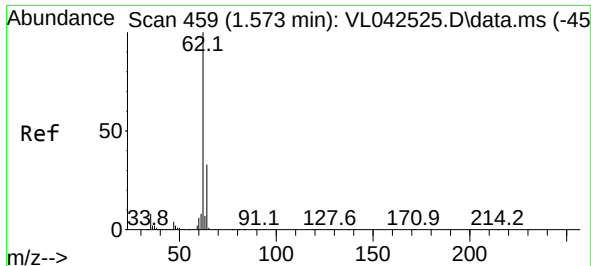
Tgt Ion: 51 Resp: 618
Ion Ratio Lower Upper
51 100
67 22.0 17.4 26.0



#4
Chloromethane
Concen: 0.024 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 50 Resp: 157
Ion Ratio Lower Upper
50 100
52 57.6 25.9 38.9#

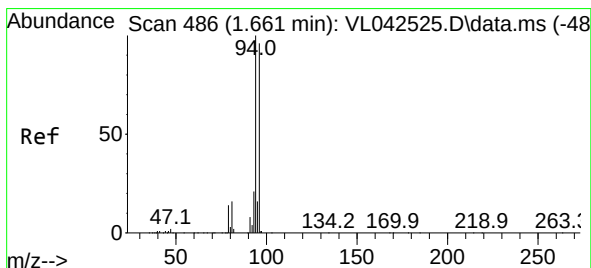
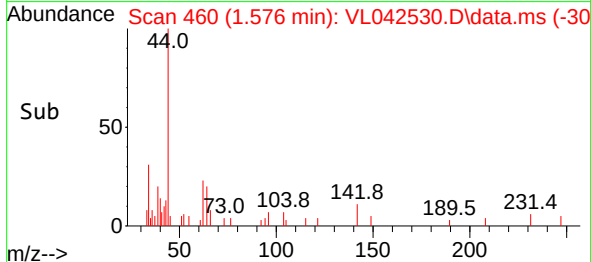
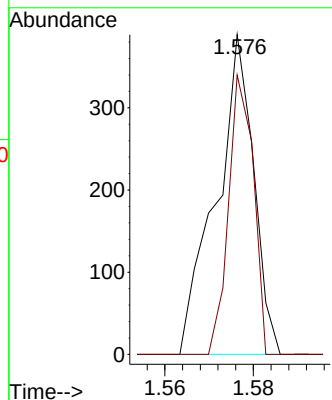
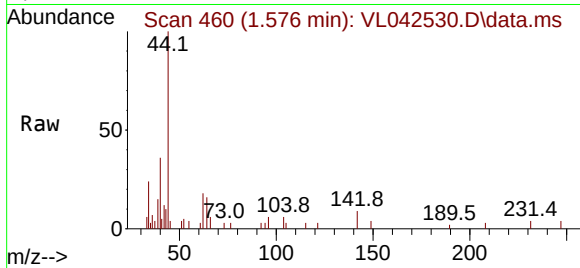




#5
 Vinyl Chloride
 Concen: 0.035 ppbv
 RT: 1.576 min Scan# 459
 Delta R.T. 0.003 min
 Lab File: VL042530.D
 Acq: 12 May 2025 11:49

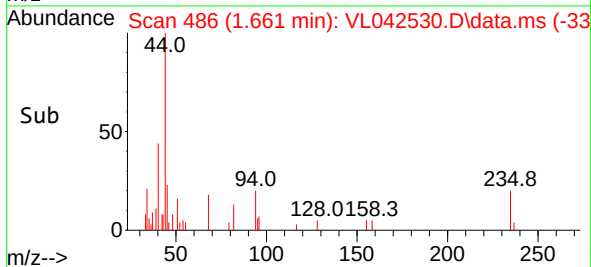
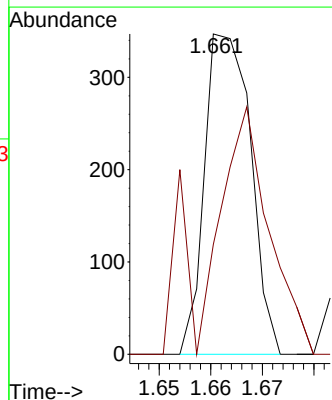
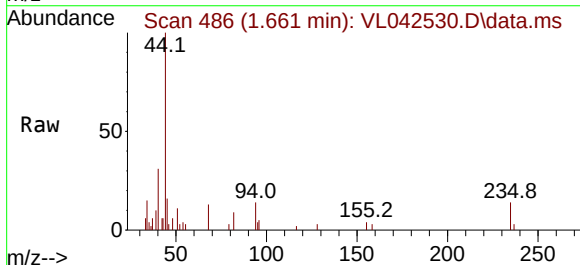
Instrument :
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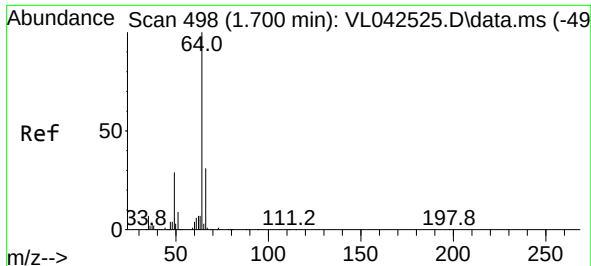
Tgt Ion: 62 Resp: 229
 Ion Ratio Lower Upper
 62 100
 64 87.4 26.5 39.7#



#6
 Bromomethane
 Concen: 0.069 ppbv
 RT: 1.661 min Scan# 486
 Delta R.T. -0.000 min
 Lab File: VL042530.D
 Acq: 12 May 2025 11:49

Tgt Ion: 94 Resp: 216
 Ion Ratio Lower Upper
 94 100
 96 7.2 76.9 115.3#

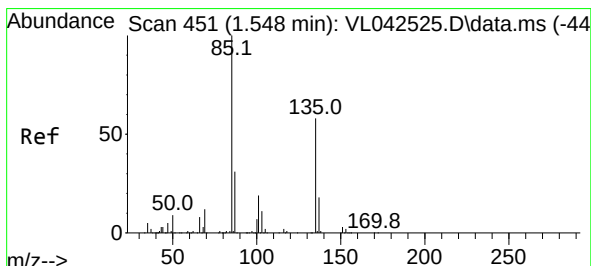
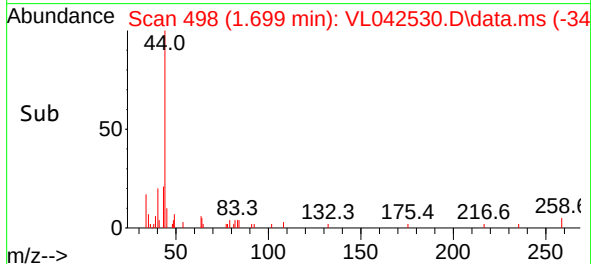
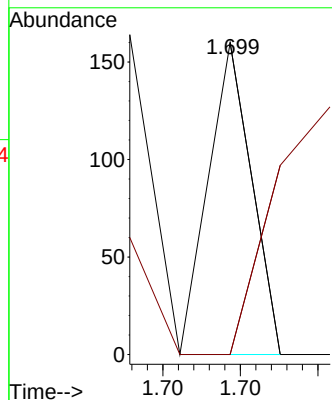
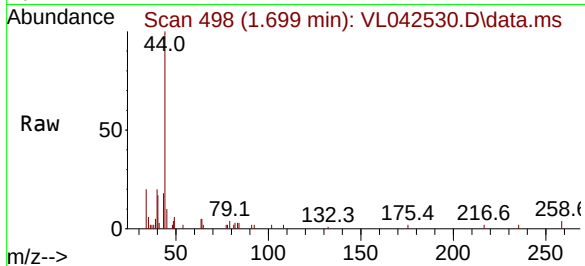




#7
Chloroethane
Concen: 0.012 ppbv
RT: 1.699 min Scan# 498
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

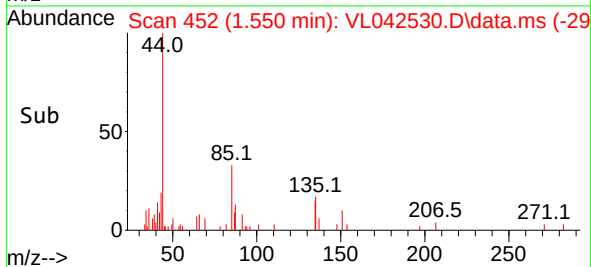
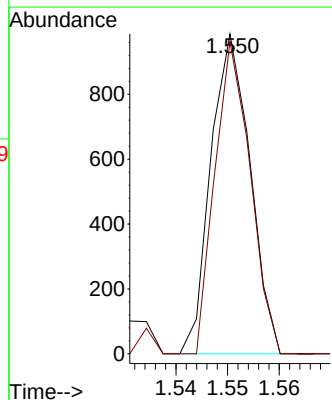
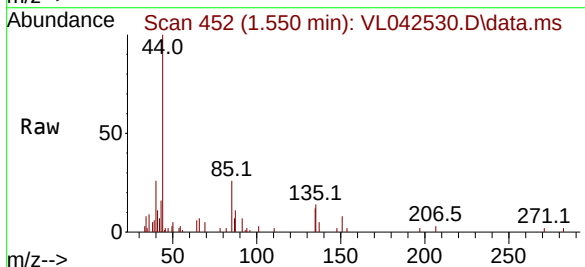
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ClientSampleId :
VSTDIC0.03

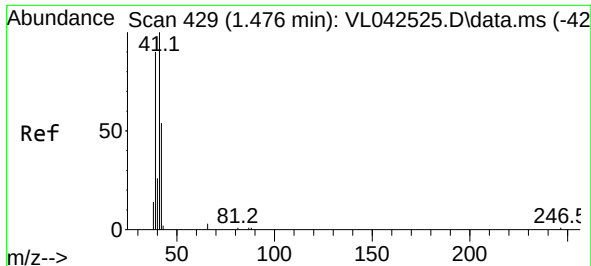
Tgt Ion: 64 Resp: 31
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#8
Dichlorotetrafluoroethane
Concen: 0.039 ppbv
RT: 1.550 min Scan# 452
Delta R.T. 0.003 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 85 Resp: 522
Ion Ratio Lower Upper
85 100
135 90.6 51.8 77.8#

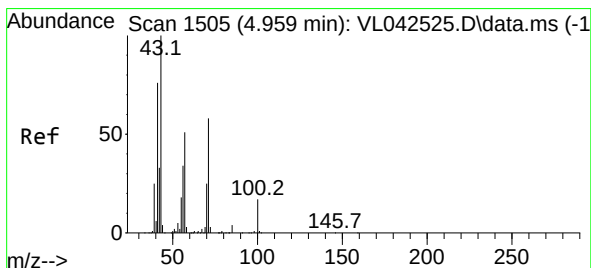
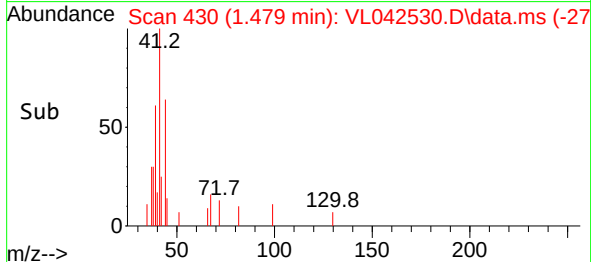
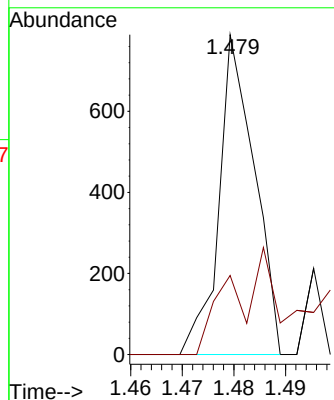
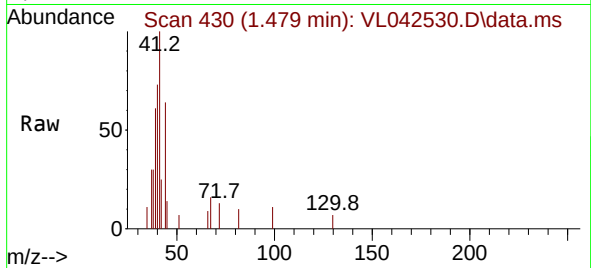




#9
 Propene
 Concen: 0.109 ppbv
 RT: 1.479 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042530.D
 Acq: 12 May 2025 11:49

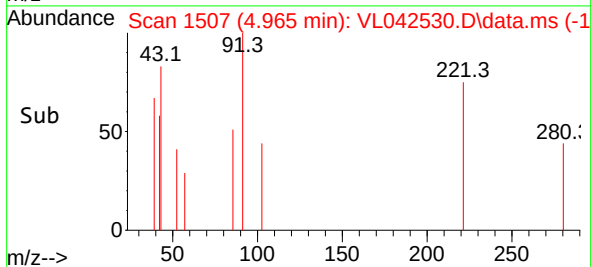
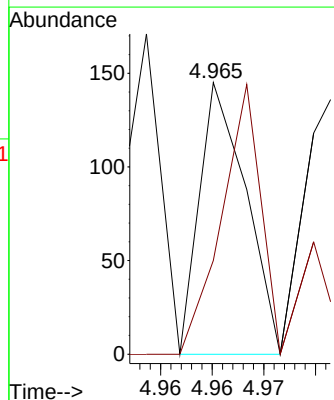
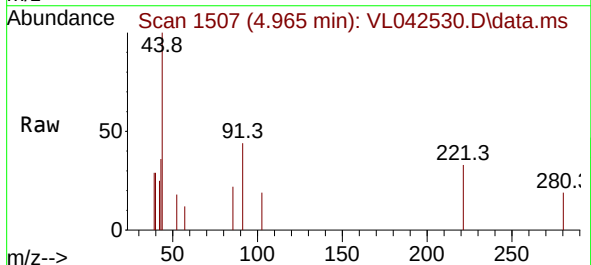
Instrument :
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 ClientSampleId :
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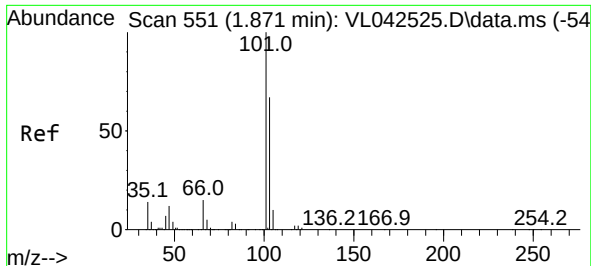
Tgt Ion: 41 Resp: 378
 Ion Ratio Lower Upper
 41 100
 42 0.0 4.1 6.1#



#10
 Heptane
 Concen: 0.003 ppbv
 RT: 4.965 min Scan# 1507
 Delta R.T. 0.006 min
 Lab File: VL042530.D
 Acq: 12 May 2025 11:49

Tgt Ion: 43 Resp: 45
 Ion Ratio Lower Upper
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 57 133.3 42.1 63.1#

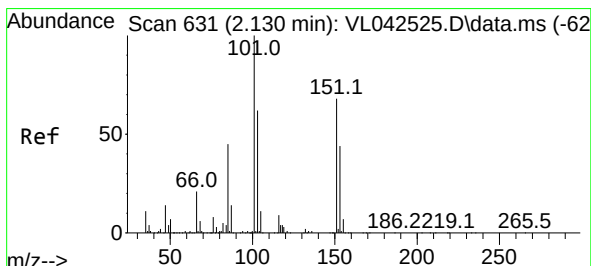
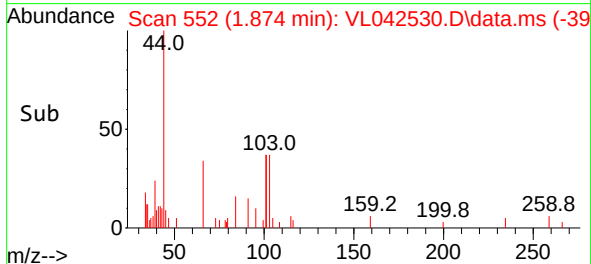
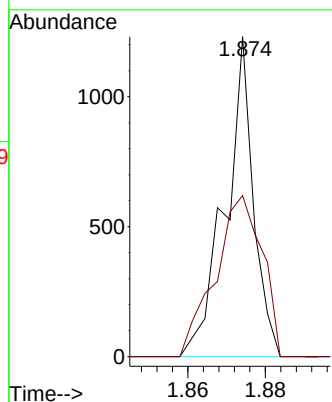
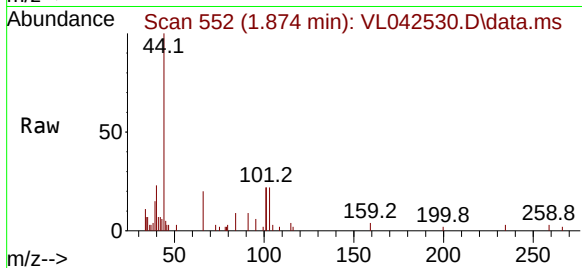




#11
 Trichlorofluoromethane
 Concen: 0.041 ppbv
 RT: 1.874 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL042530.D
 Acq: 12 May 2025 11:49

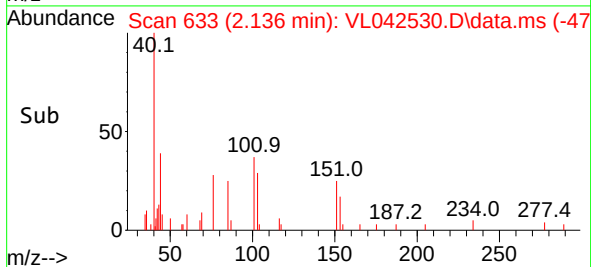
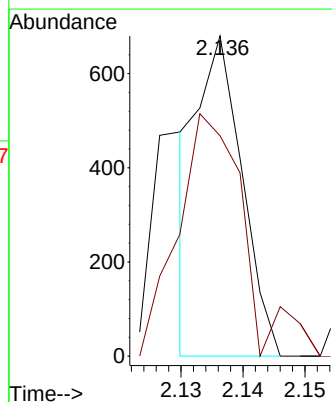
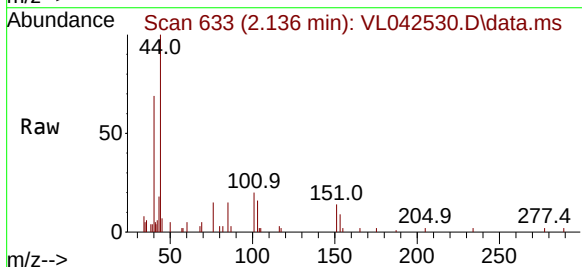
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

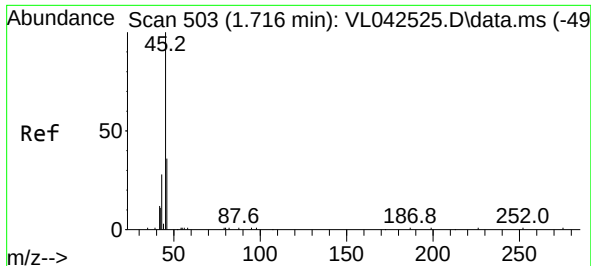
Tgt Ion:101 Resp: 621
 Ion Ratio Lower Upper
 101 100
 103 50.4 53.8 80.6#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.028 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. 0.006 min
 Lab File: VL042530.D
 Acq: 12 May 2025 11:49

Tgt Ion:101 Resp: 342
 Ion Ratio Lower Upper
 101 100
 151 112.3 57.8 86.8#

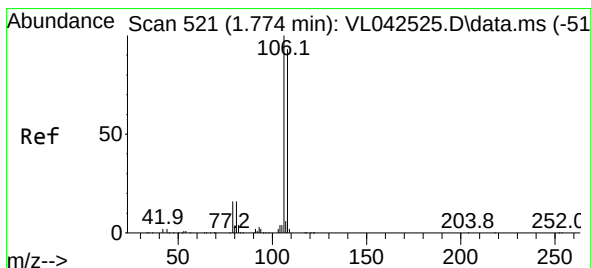
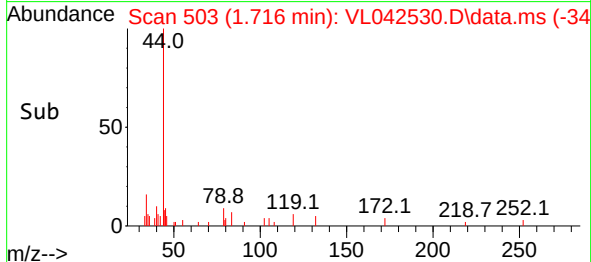
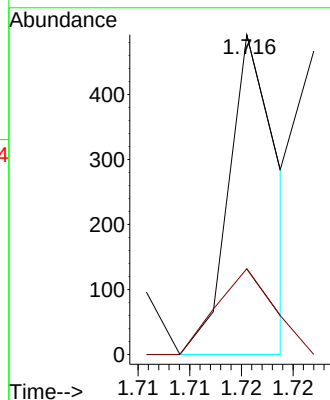
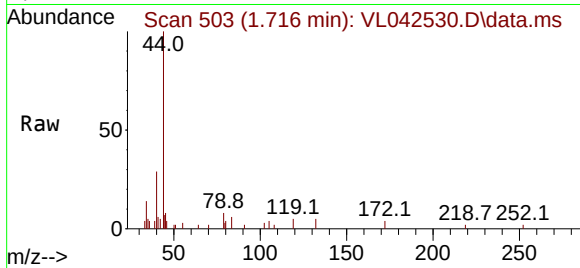




#13
Ethanol
Concen: 0.172 ppbv
RT: 1.716 min Scan# 503
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

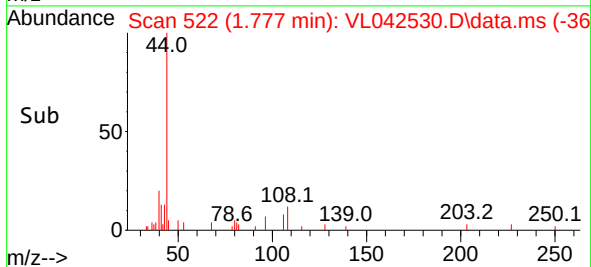
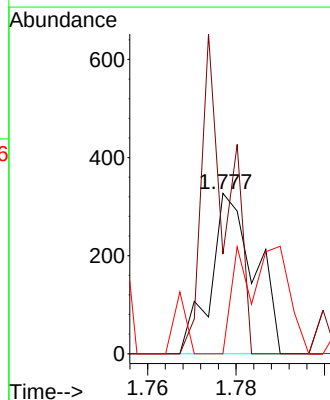
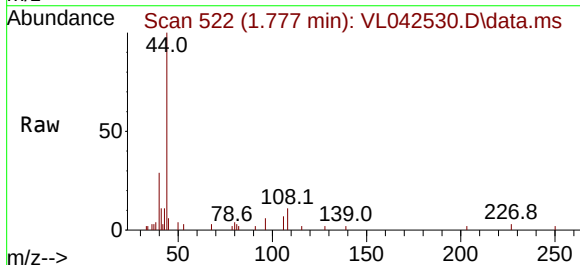
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

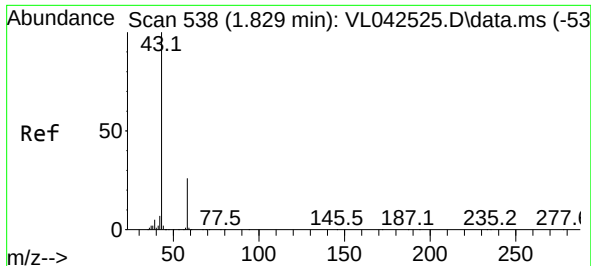
Tgt Ion: 45 Resp: 163
Ion Ratio Lower Upper
45 100
46 39.9 14.8 59.4



#14
Bromoethene
Concen: 0.051 ppbv
RT: 1.777 min Scan# 522
Delta R.T. 0.003 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 108 Resp: 225
Ion Ratio Lower Upper
108 100
106 124.4 87.4 131.2
79 71.6 15.1 22.7





#15

Acetone

Concen: 0.114 ppbv

RT: 1.832 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Instrument :

MSVOA_L

ClientSampleId :

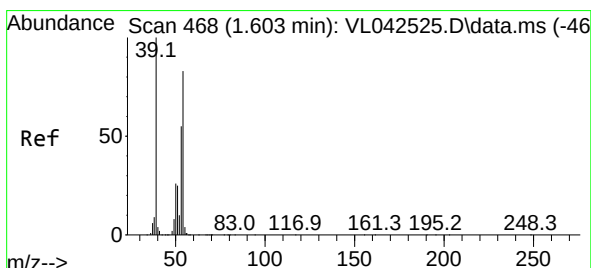
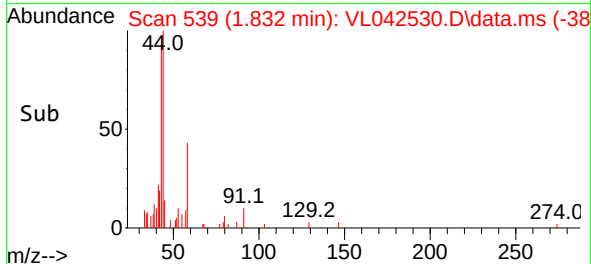
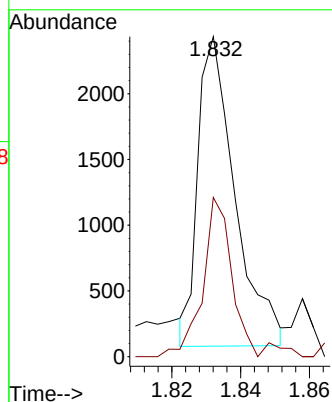
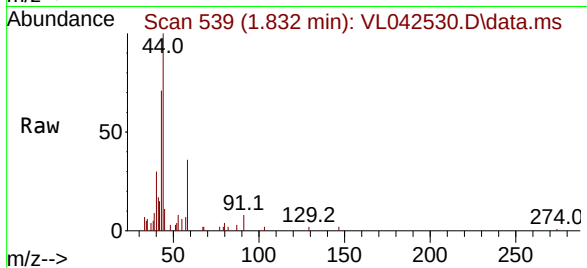
VSTDIC0.03

Tgt Ion: 43 Resp: 1762

Ion Ratio Lower Upper

43 100

58 42.3 21.3 31.9#



#16

1,3-Butadiene

Concen: 0.059 ppbv

RT: 1.599 min Scan# 467

Delta R.T. -0.004 min

Lab File: VL042530.D

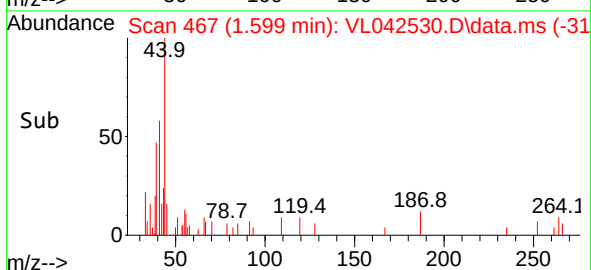
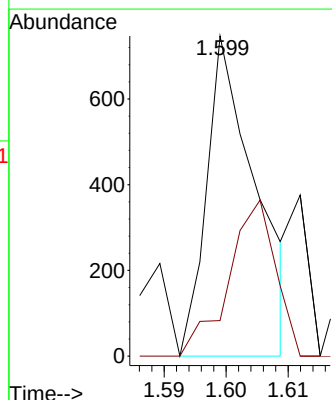
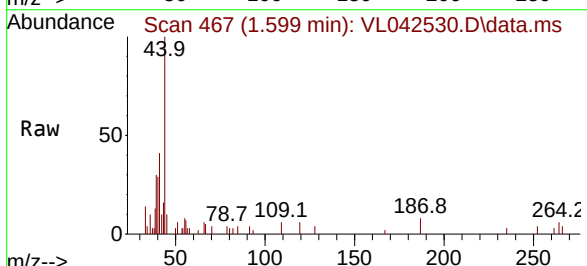
Acq: 12 May 2025 11:49

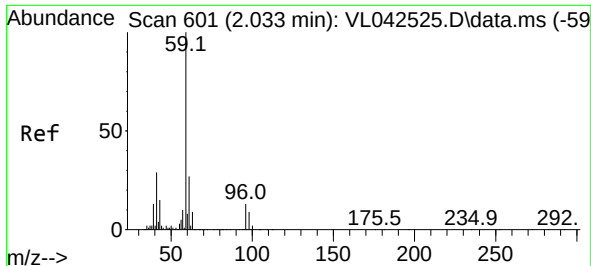
Tgt Ion: 39 Resp: 411

Ion Ratio Lower Upper

39 100

54 82.7 57.8 86.6





#17

tert-Butyl alcohol

Concen: 0.045 ppbv

RT: 2.039 min Scan# 601

Delta R.T. 0.006 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Instrument :

MSVOA_L

ClientSampleId :

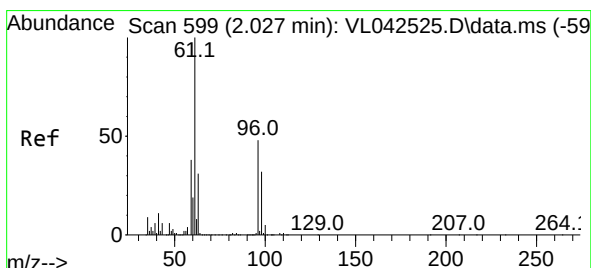
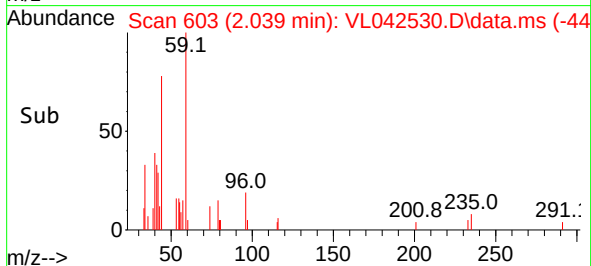
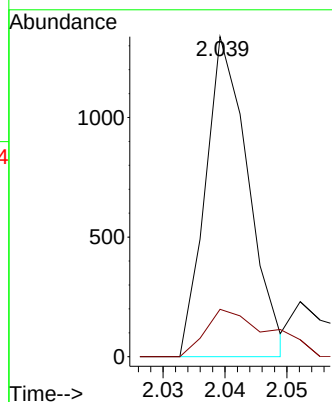
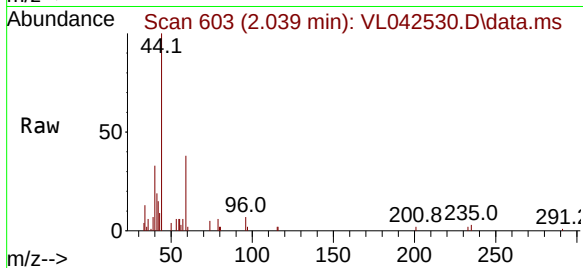
VSTDIC0.03

Tgt Ion: 59 Resp: 645

Ion Ratio Lower Upper

59 100

57 22.2 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.061 ppbv

RT: 2.026 min Scan# 599

Delta R.T. -0.000 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

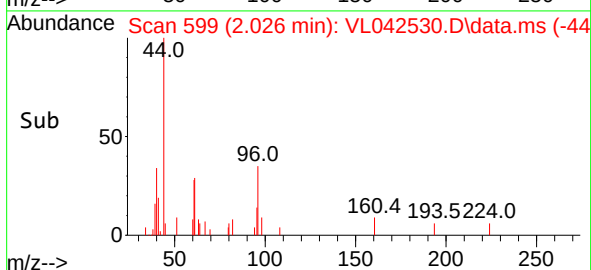
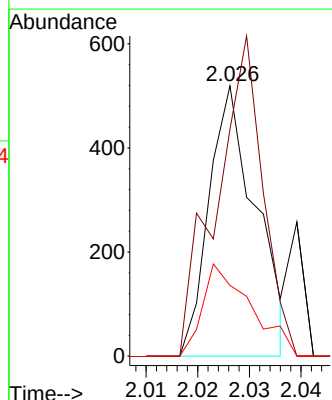
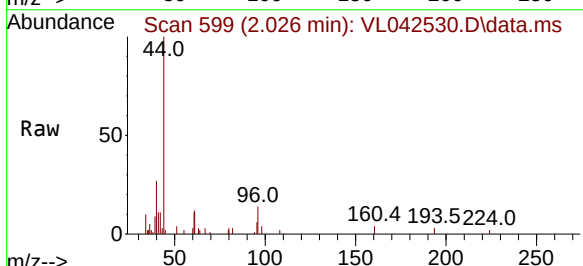
Tgt Ion: 96 Resp: 327

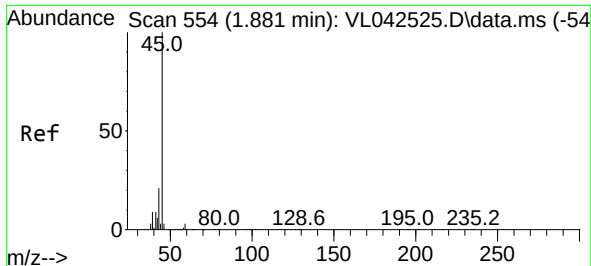
Ion Ratio Lower Upper

96 100

61 84.0 165.0 247.4#

98 26.2 52.6 79.0#

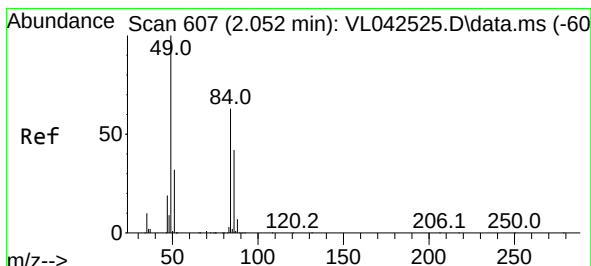
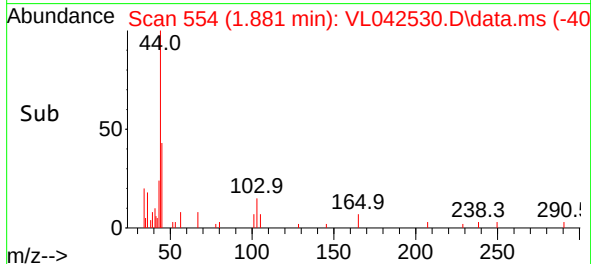
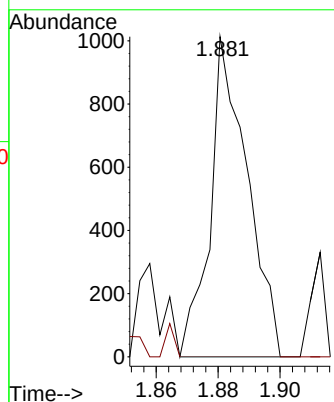
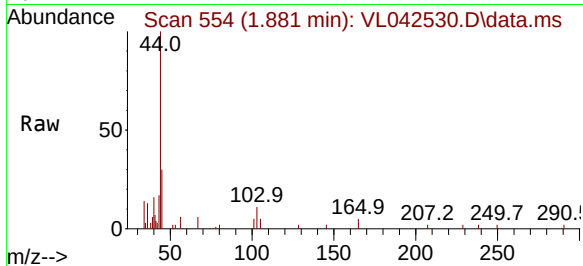




#19
Isopropyl Alcohol
Concen: 0.100 ppbv
RT: 1.881 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

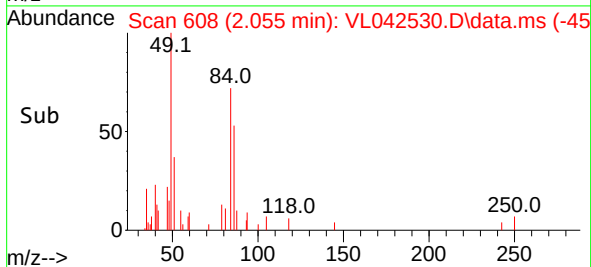
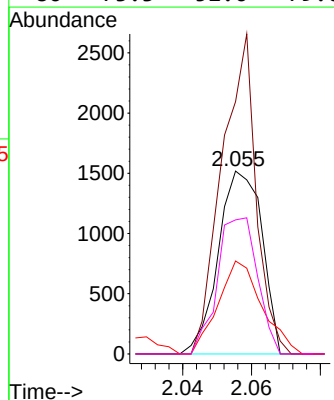
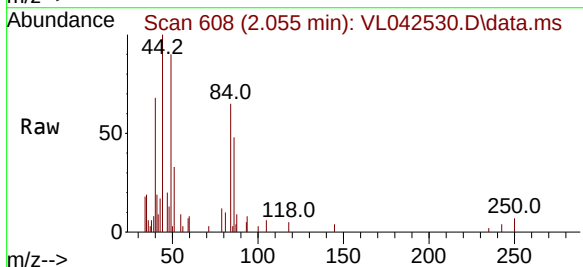
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

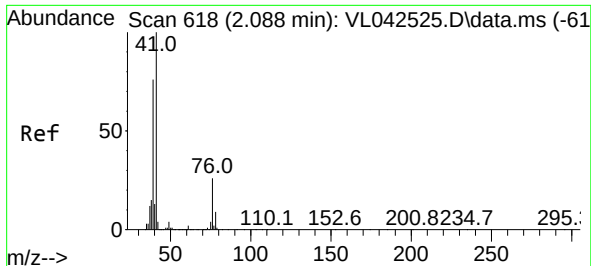
Tgt Ion: 45 Resp: 840
Ion Ratio Lower Upper
45 100
58 0.0 1.5 2.3#



#20
Methylene Chloride
Concen: 0.248 ppbv
RT: 2.055 min Scan# 608
Delta R.T. 0.003 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 84 Resp: 1336
Ion Ratio Lower Upper
84 100
49 138.0 128.2 192.4
51 50.9 41.7 62.5
86 73.3 52.6 79.0





#21

Allyl Chloride

Concen: 0.033 ppbv

RT: 2.094 min Scan# 61

Delta R.T. 0.006 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

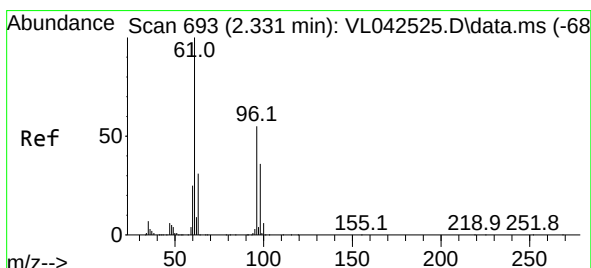
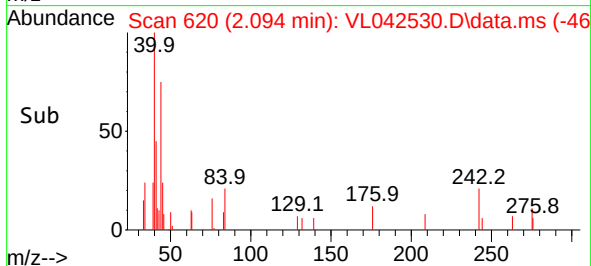
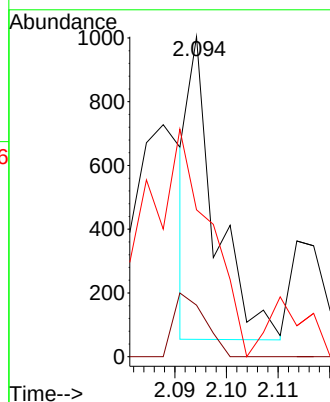
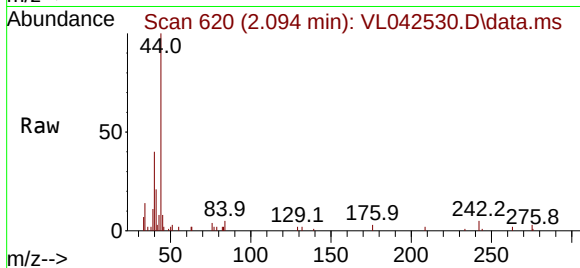
Tgt Ion: 41 Resp: 335

Ion Ratio Lower Upper

41 100

76 25.4 22.0 33.0

39 326.9 59.5 89.3#



#22

trans-1,2-Dichloroethene

Concen: 0.057 ppbv

RT: 2.340 min Scan# 696

Delta R.T. 0.009 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

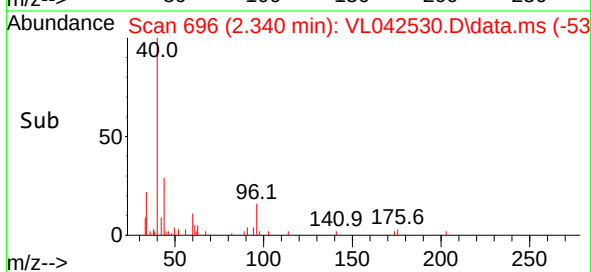
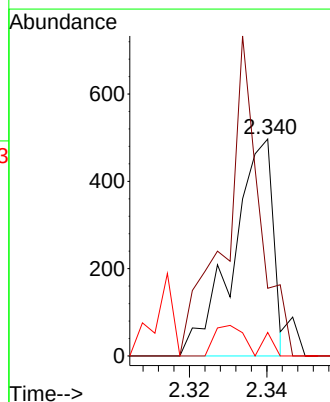
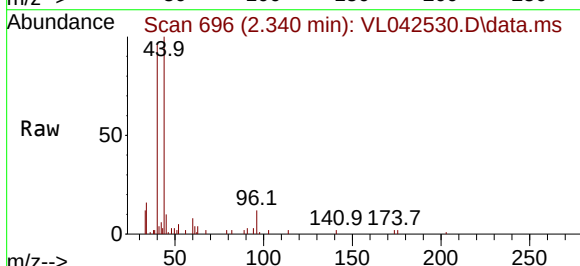
Tgt Ion: 96 Resp: 358

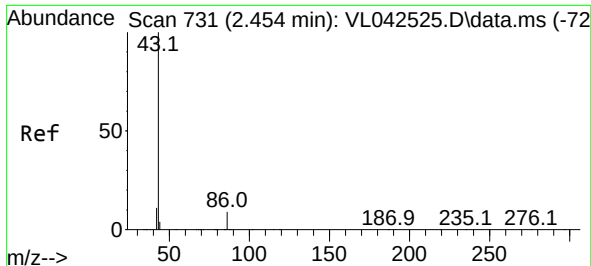
Ion Ratio Lower Upper

96 100

61 31.2 145.9 218.9#

98 10.9 52.2 78.4#

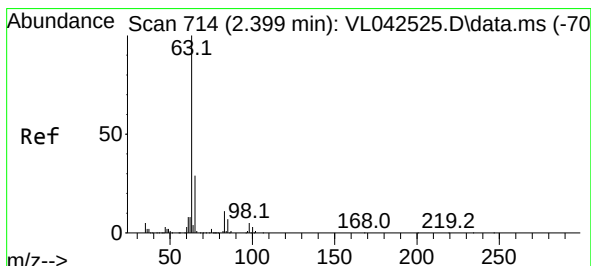
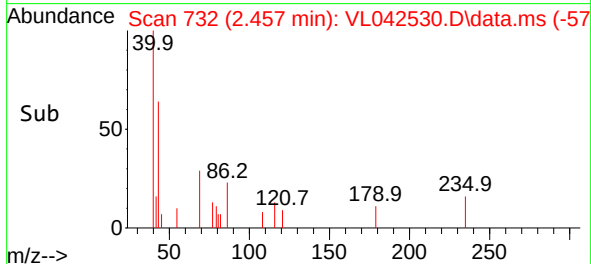
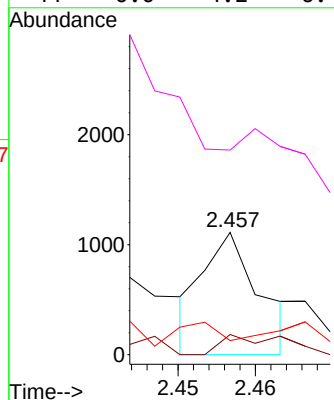
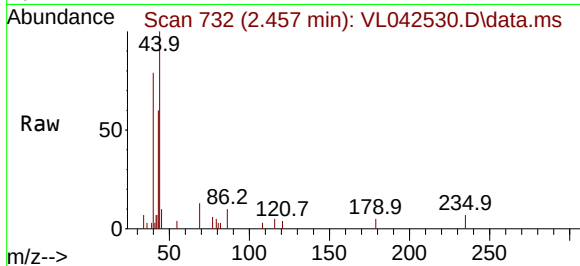




#23
 Vinyl Acetate
 Concen: 0.035 ppbv
 RT: 2.457 min Scan# 715
 Delta R.T. 0.003 min
 Lab File: VL042530.D
 Acq: 12 May 2025 11:49

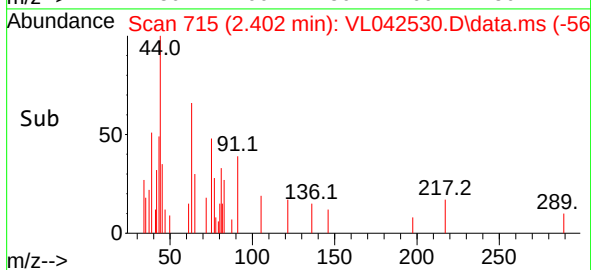
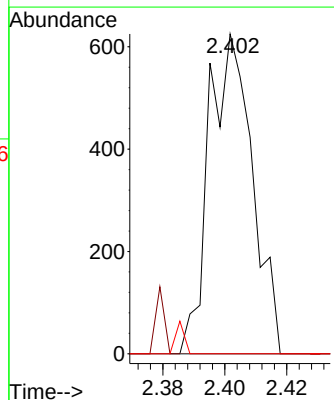
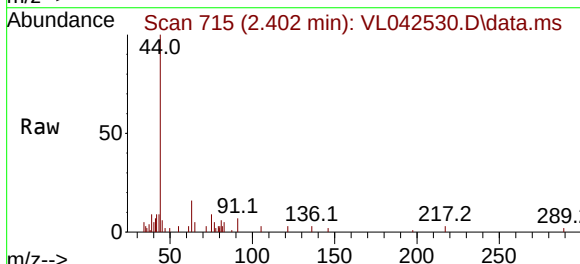
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

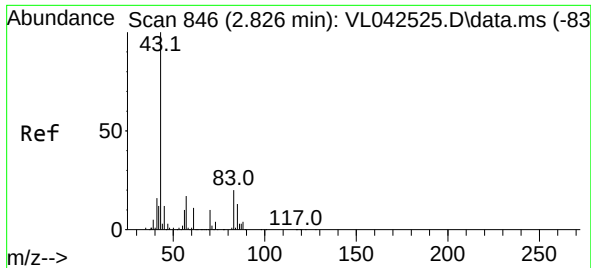
Tgt Ion: 43	Resp: 565
Ion Ratio	Lower Upper
43 100	
86 29.1	6.8 10.2#
42 0.0	8.8 13.2#
44 0.0	4.2 6.4#



#24
 1,1-Dichloroethane
 Concen: 0.050 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. 0.003 min
 Lab File: VL042530.D
 Acq: 12 May 2025 11:49

Tgt Ion: 63	Resp: 608
Ion Ratio	Lower Upper
63 100	
98 0.0	2.6 8.0#
100 0.0	1.4 4.2#

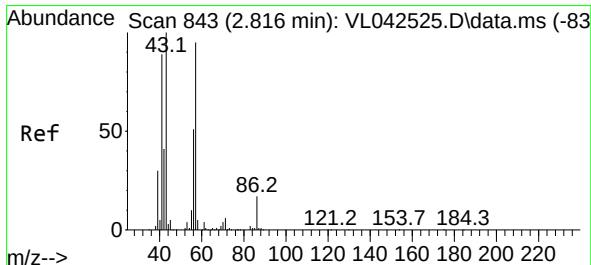
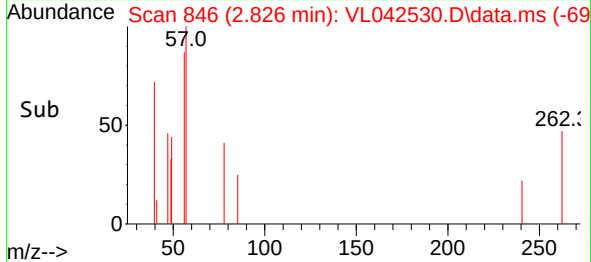
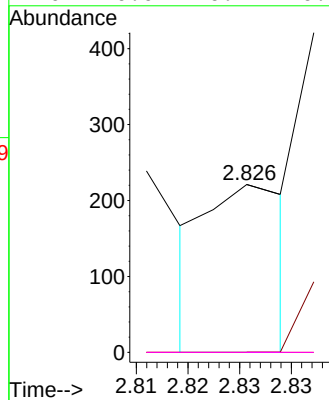
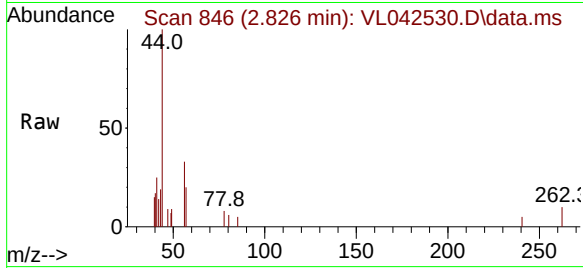




#25
Ethyl Acetate
Concen: 0.004 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

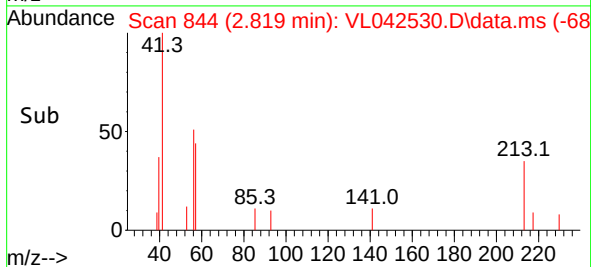
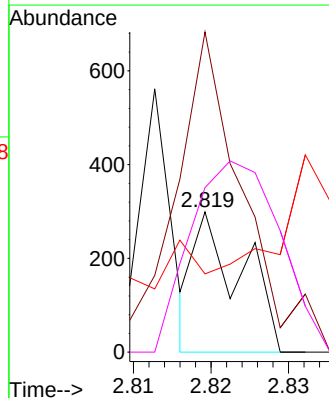
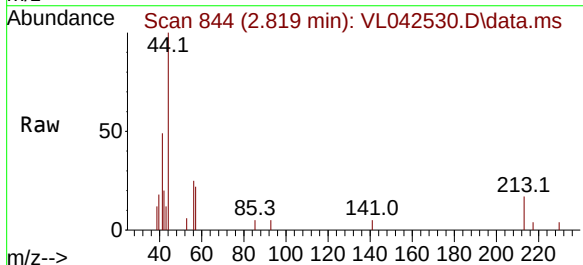
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

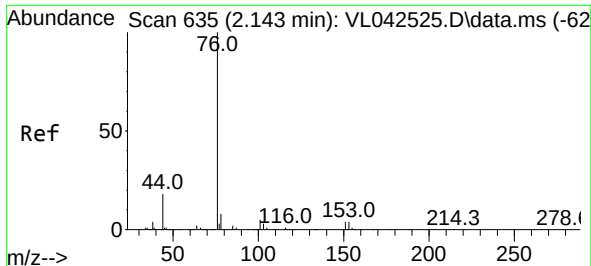
Tgt Ion: 43	Resp: 120
Ion Ratio	Lower Upper
43 100	
45 0.0	7.9 11.9#
61 0.0	7.1 10.7#
70 0.0	6.9 10.3#



#26
Hexane
Concen: 0.011 ppbv
RT: 2.819 min Scan# 844
Delta R.T. 0.003 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 57	Resp:	126	
Ion	Ratio	Lower	Upper
57	100		
41	331.7	76.1	114.1#
43	779.4	188.9	283.3#
56	260.3	45.2	67.8#

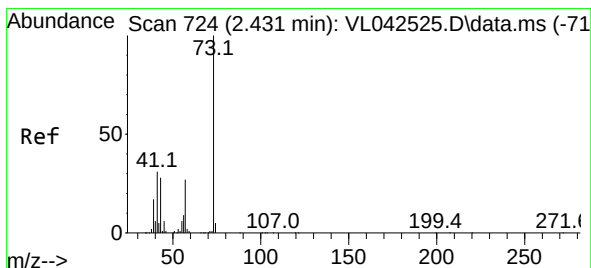
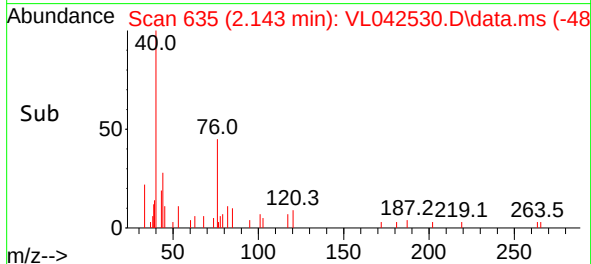
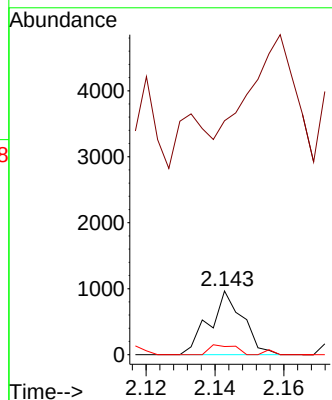
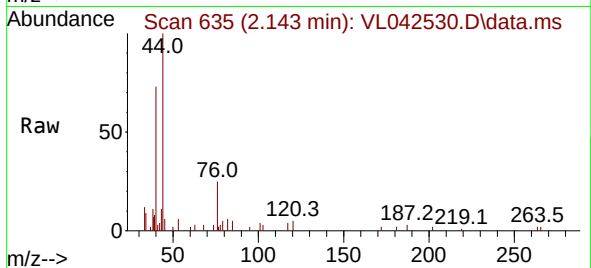




#27
Carbon Disulfide
Concen: 0.045 ppbv
RT: 2.143 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

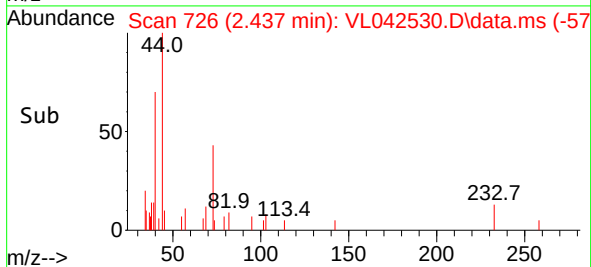
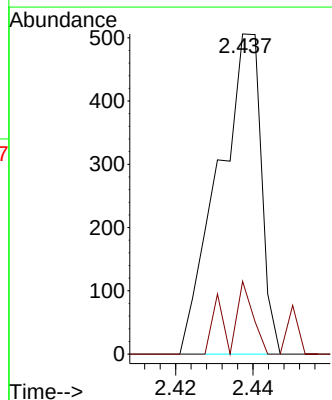
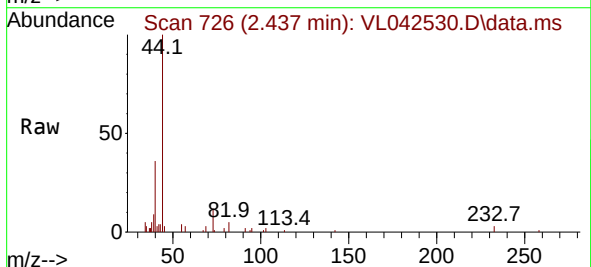
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

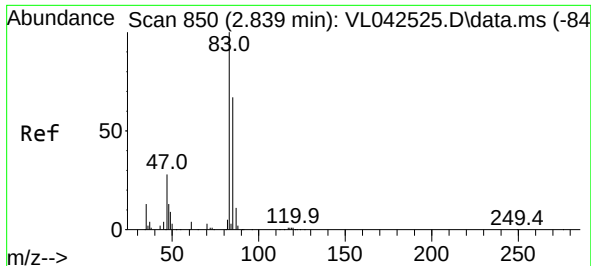
Tgt Ion: 76 Resp: 651
Ion Ratio Lower Upper
76 100
44 653.3 17.1 25.7#
78 19.8 8.6 12.8#



#28
Methyl tert-Butyl Ether
Concen: 0.063 ppbv
RT: 2.437 min Scan# 726
Delta R.T. 0.006 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 73 Resp: 389
Ion Ratio Lower Upper
73 100
57 13.1 20.3 30.5#





#29

Chloroform

Concen: 0.026 ppbv

RT: 2.842 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Instrument :

MSVOA_L

ClientSampleId :

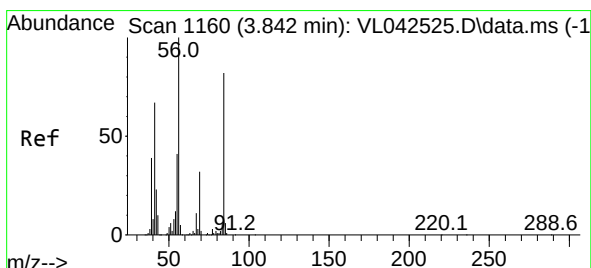
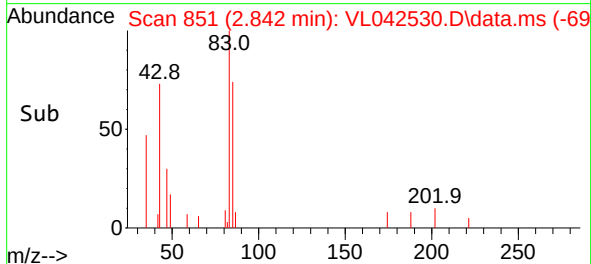
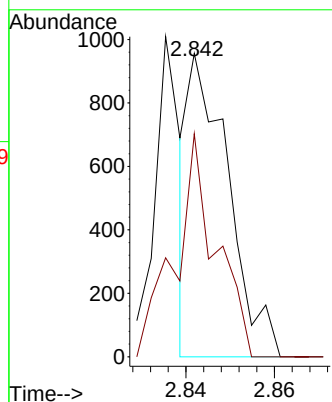
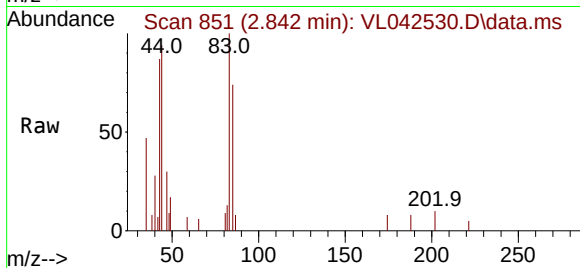
VSTDIC0.03

Tgt Ion: 83 Resp: 596

Ion Ratio Lower Upper

83 100

85 73.5 53.5 80.3



#30

Cyclohexane

Concen: 0.005 ppbv

RT: 3.748 min Scan# 1131

Delta R.T. -0.094 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

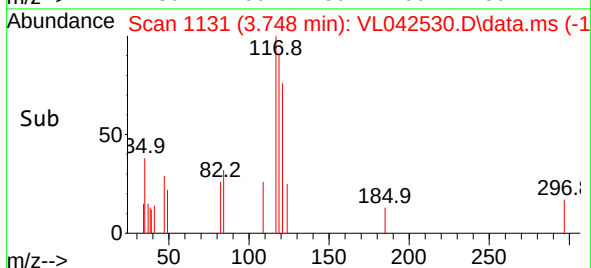
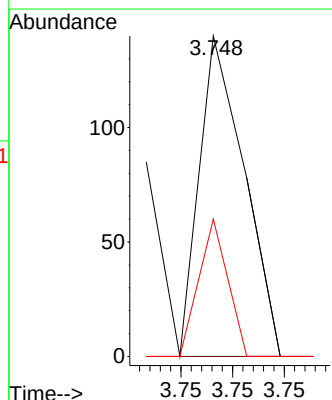
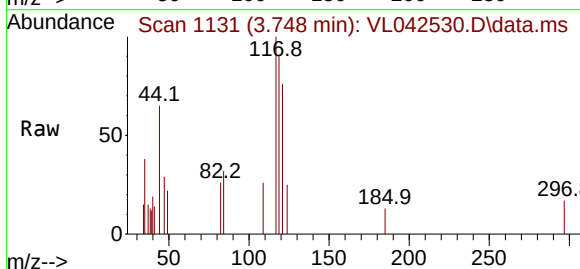
Tgt Ion: 84 Resp: 42

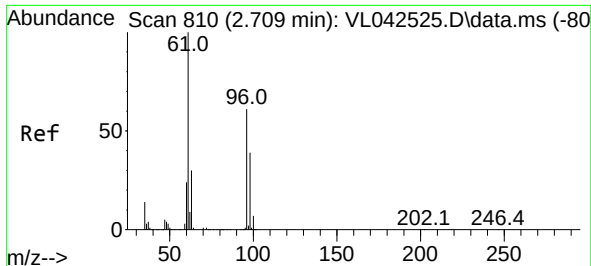
Ion Ratio Lower Upper

84 100

56 0.0 97.1 145.7#

41 116.7 66.6 99.8#

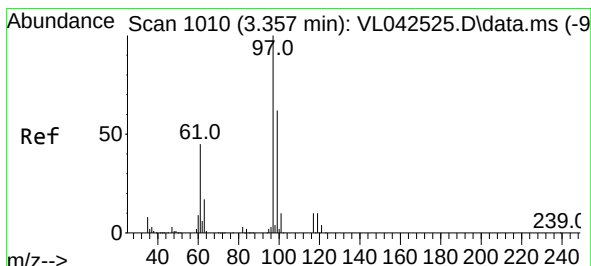
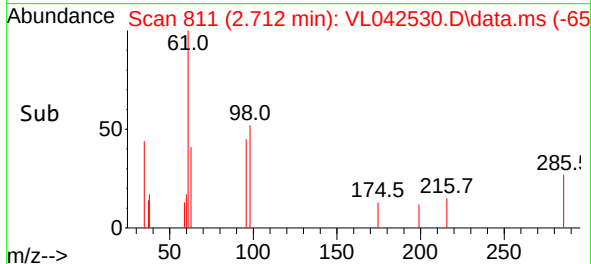
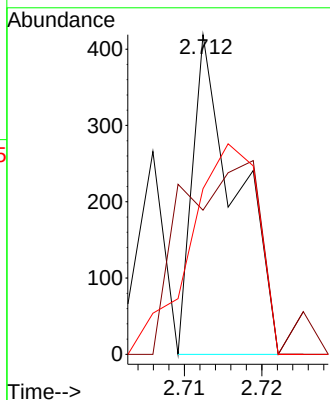
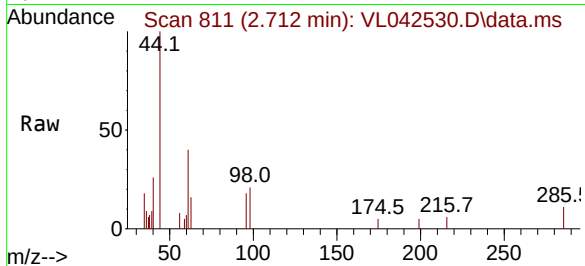




#31
 cis-1,2-Dichloroethene
 Concen: 0.013 ppbv
 RT: 2.712 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL042530.D
 Acq: 12 May 2025 11:49

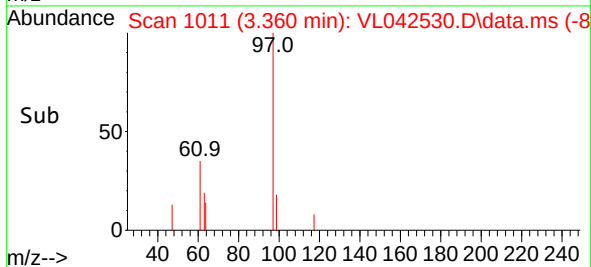
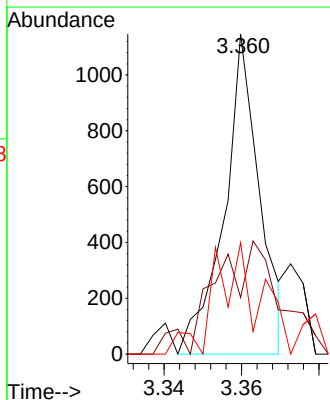
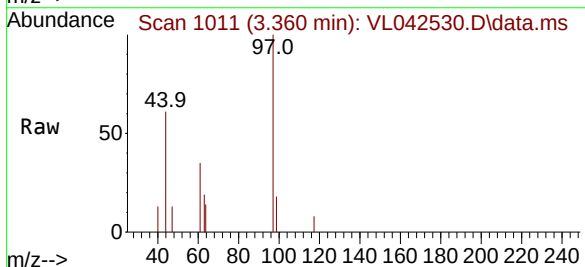
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

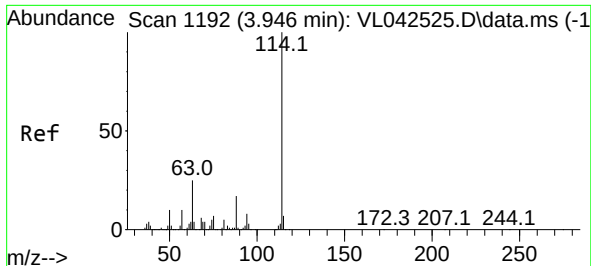
Tgt Ion: 61 Resp: 166
 Ion Ratio Lower Upper
 61 100
 96 45.1 48.9 73.3#
 98 51.8 31.4 47.2#



#32
 1,1,1-Trichloroethane
 Concen: 0.031 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. 0.003 min
 Lab File: VL042530.D
 Acq: 12 May 2025 11:49

Tgt Ion: 97 Resp: 730
 Ion Ratio Lower Upper
 97 100
 99 66.0 50.1 75.1
 61 50.1 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: VL042530.D

Acq: 12 May 2025 11:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

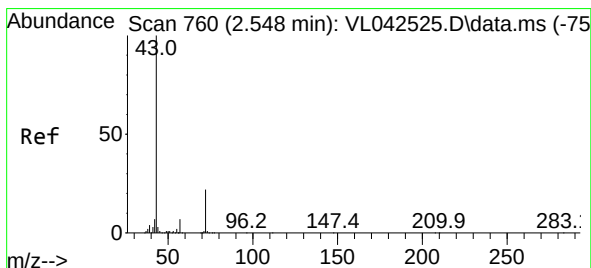
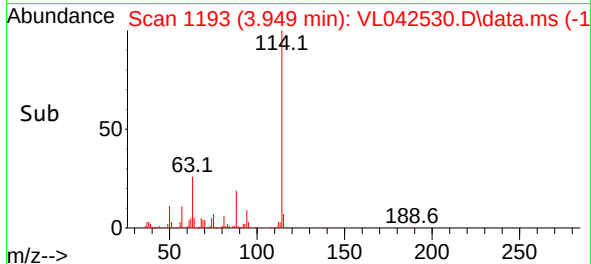
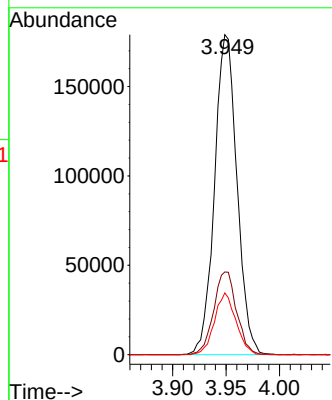
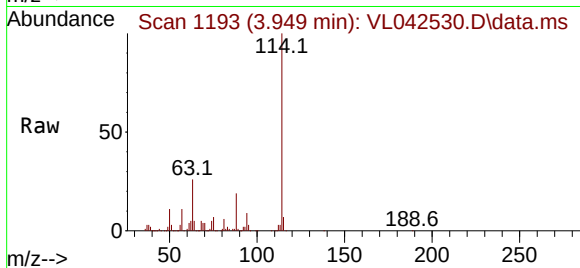
Tgt Ion:114 Resp: 261294

Ion Ratio Lower Upper

114 100

63 26.5 20.4 30.6

88 18.6 14.5 21.7



#34

2-Butanone

Concen: 0.026 ppbv

RT: 2.554 min Scan# 762

Delta R.T. 0.006 min

Lab File: VL042530.D

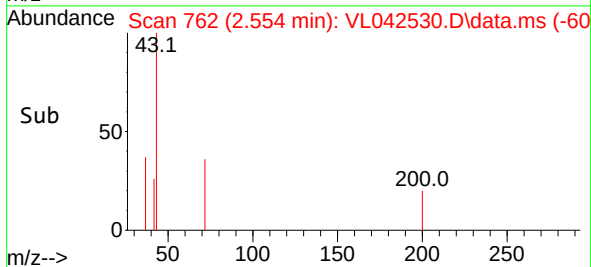
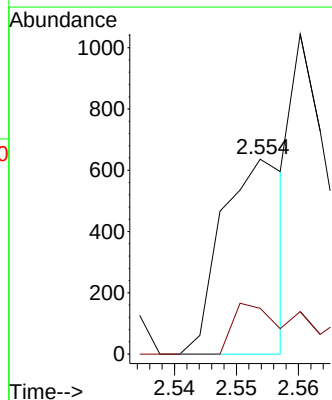
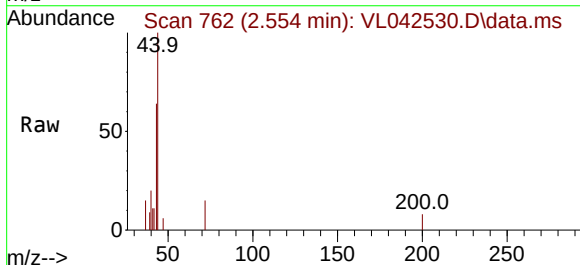
Acq: 12 May 2025 11:49

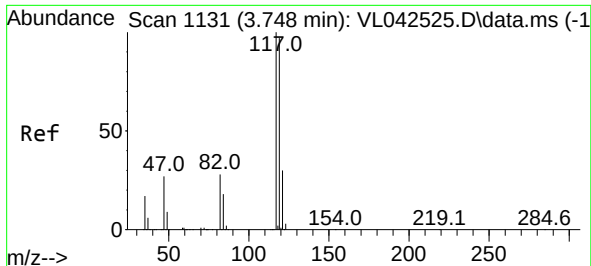
Tgt Ion: 43 Resp: 446

Ion Ratio Lower Upper

43 100

72 33.9 18.7 28.1#

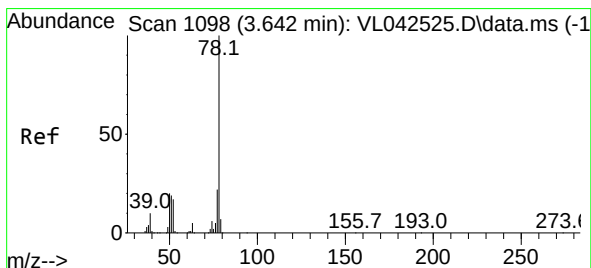
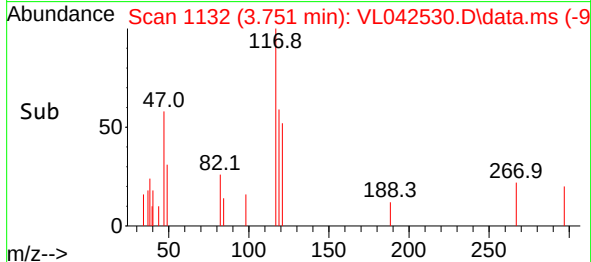
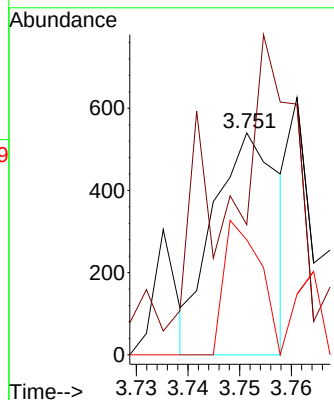
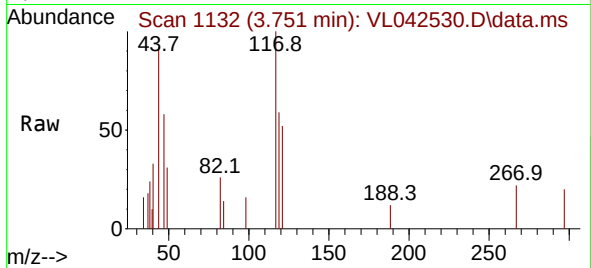




#35
Carbon Tetrachloride
Concen: 0.020 ppbv
RT: 3.751 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

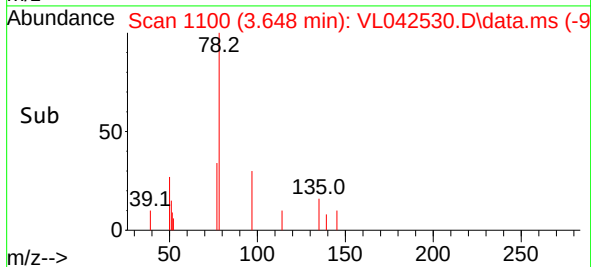
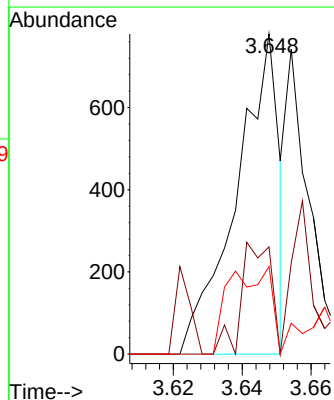
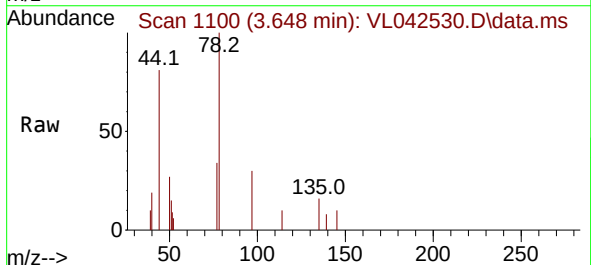
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

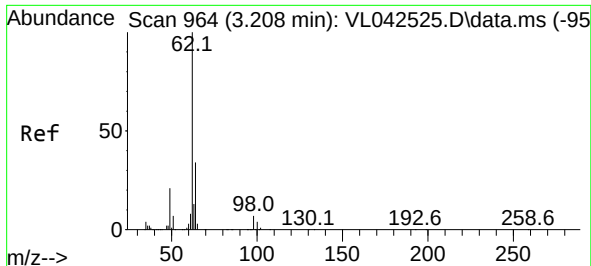
Tgt Ion:117 Resp: 468
Ion Ratio Lower Upper
117 100
119 49.3 77.7 116.5#
121 65.7 24.0 36.0#



#36
Benzene
Concen: 0.029 ppbv
RT: 3.648 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 78 Resp: 671
Ion Ratio Lower Upper
78 100
77 33.5 17.4 26.2#
50 27.3 16.3 24.5#





#37

1,2-Dichloroethane

Concen: 0.021 ppbv

RT: 3.208 min Scan# 9

Delta R.T. -0.000 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Instrument :

MSVOA_L

ClientSampleId :

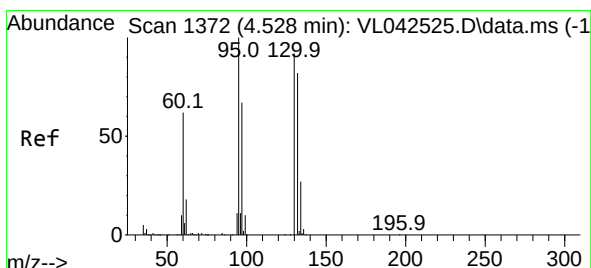
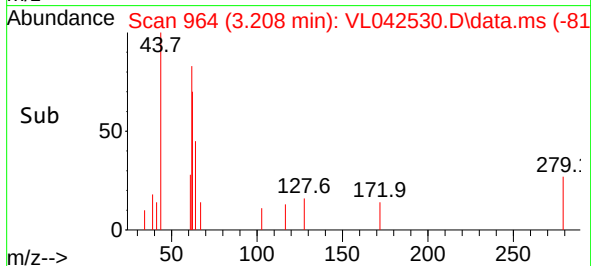
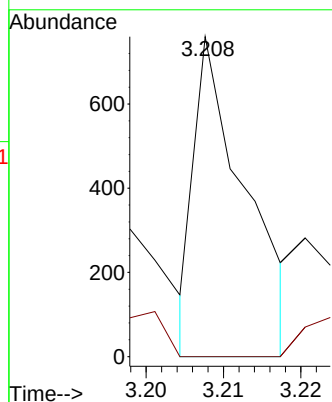
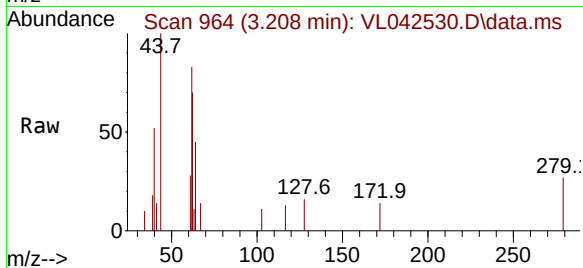
VSTDICC0.03

Tgt Ion: 62 Resp: 349

Ion Ratio Lower Upper

62 100

98 0.0 5.0 7.4#



#38

Trichloroethene

Concen: 0.033 ppbv

RT: 4.531 min Scan# 1373

Delta R.T. 0.003 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Tgt Ion:130 Resp: 323

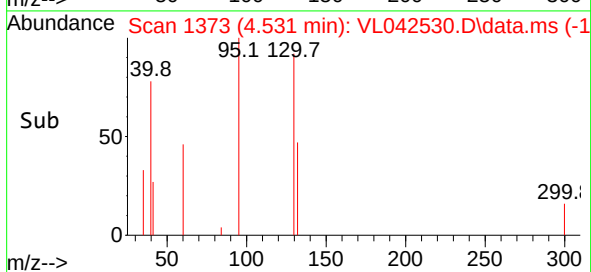
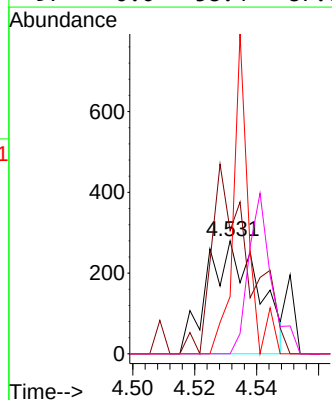
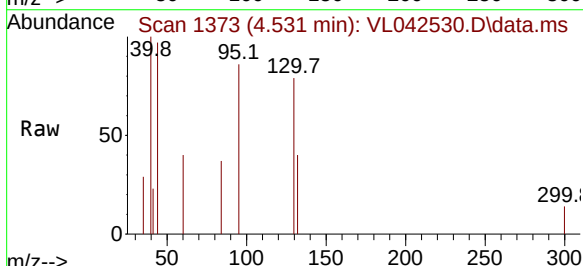
Ion Ratio Lower Upper

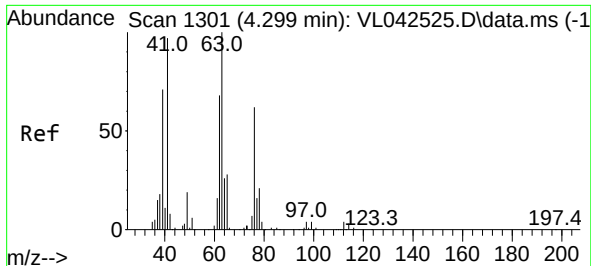
130 100

95 108.9 87.0 130.4

132 50.7 71.1 106.7#

97 0.0 58.4 87.6#





#39

1,2-Dichloropropane

Concen: 7.959 ppbv

RT: 3.949 min Scan# 11

Delta R.T. -0.350 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

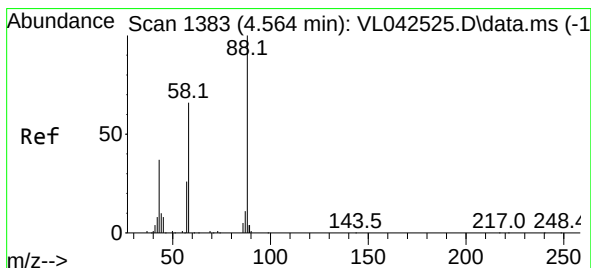
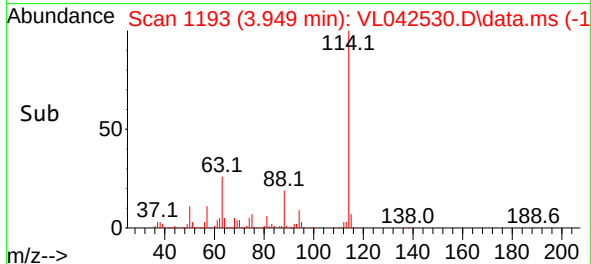
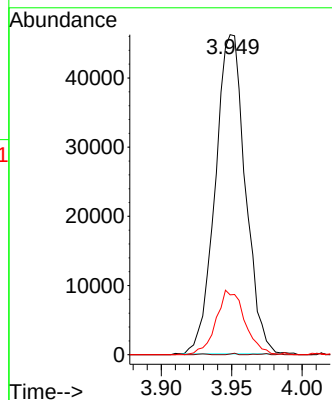
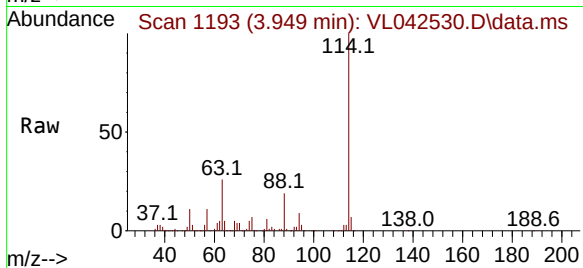
Tgt Ion: 63 Resp: 68604

Ion Ratio Lower Upper

63 100

41 0.0 77.5 116.3#

62 18.6 54.6 82.0#



#40

1,4-Dioxane

Concen: 0.010 ppbv

RT: 4.554 min Scan# 1380

Delta R.T. -0.010 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Tgt Ion: 88 Resp: 36

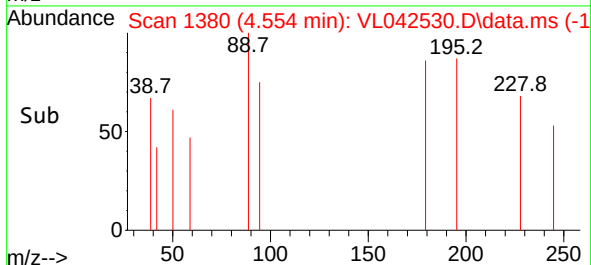
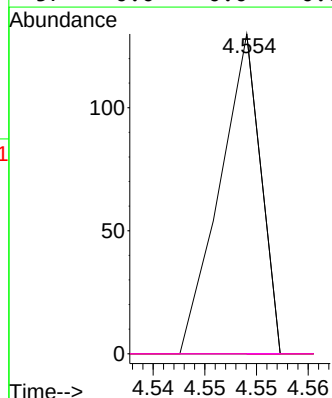
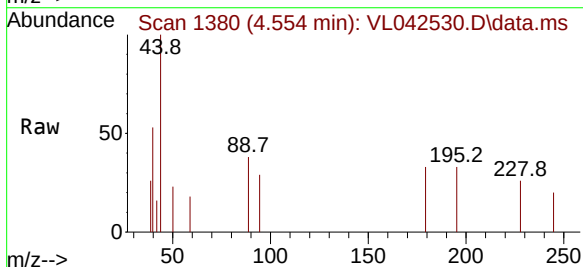
Ion Ratio Lower Upper

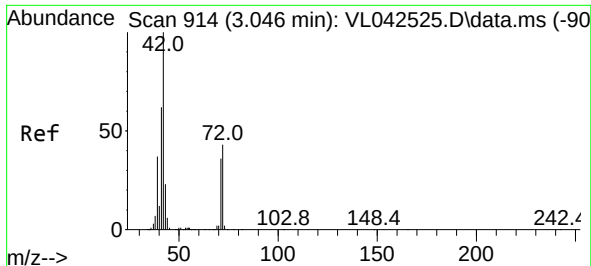
88 100

58 0.0 58.2 87.2#

43 86.1 27.9 41.9#

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.003 ppbv

RT: 3.052 min Scan# 914

Delta R.T. 0.006 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

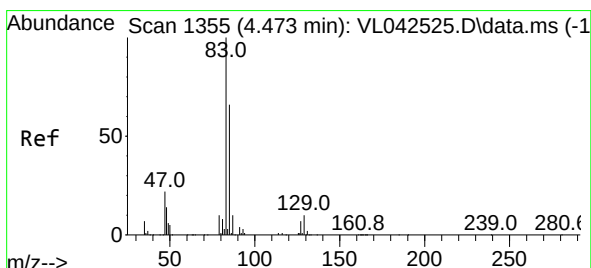
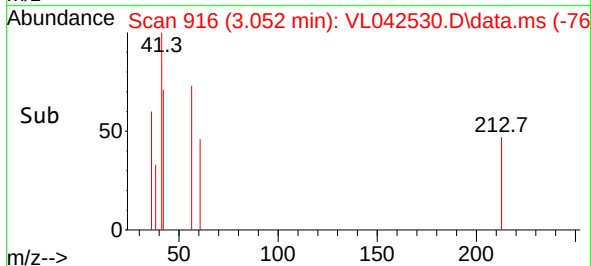
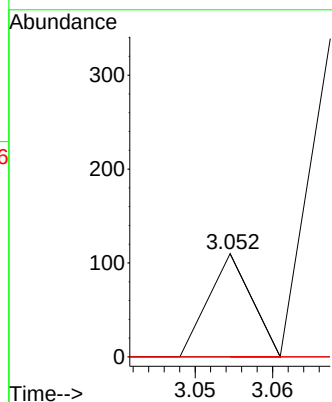
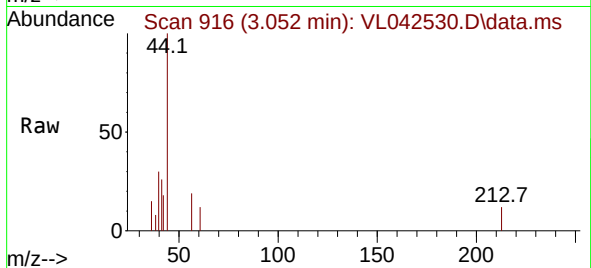
Tgt Ion: 42 Resp: 21

Ion Ratio Lower Upper

42 100

72 0.0 32.7 49.1#

71 0.0 30.4 45.6#



#42

Bromodichloromethane

Concen: 0.009 ppbv

RT: 4.473 min Scan# 1355

Delta R.T. -0.000 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

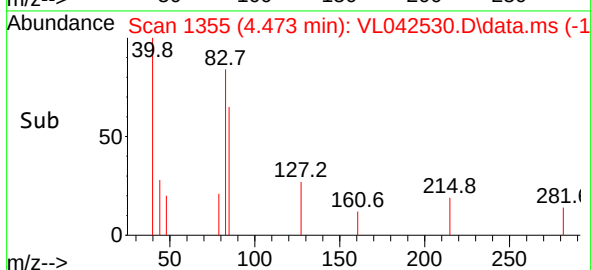
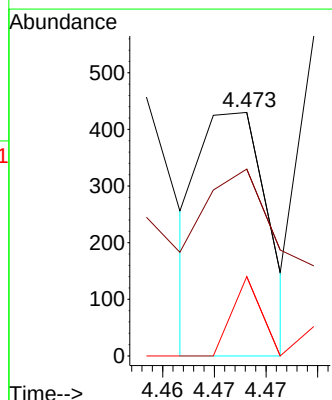
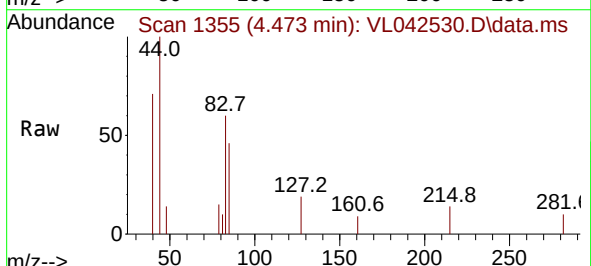
Tgt Ion: 83 Resp: 194

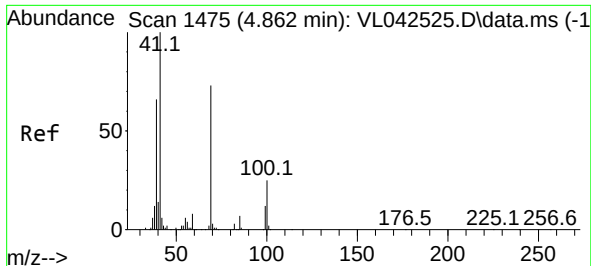
Ion Ratio Lower Upper

83 100

85 51.9 52.6 79.0#

127 49.5 6.0 9.0#





#43

Methyl Methacrylate

Concen: 0.002 ppbv

RT: 4.865 min Scan# 1475

Delta R.T. 0.003 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

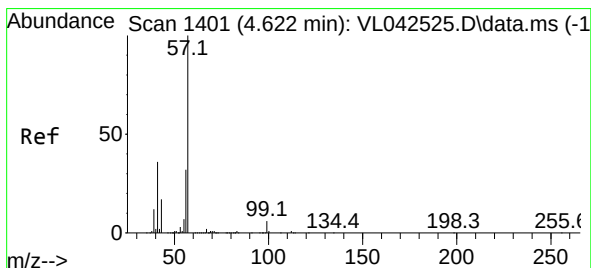
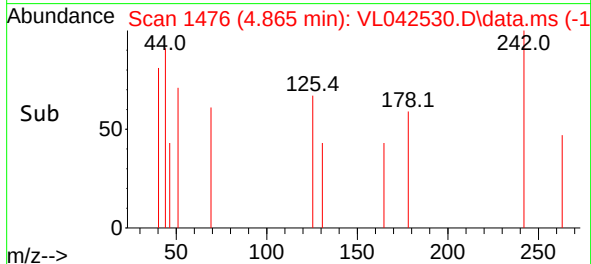
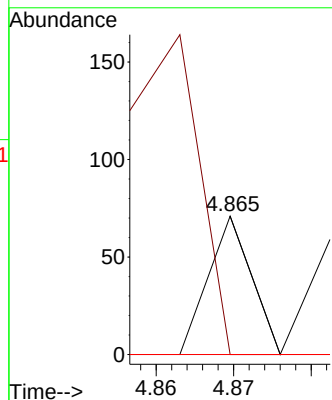
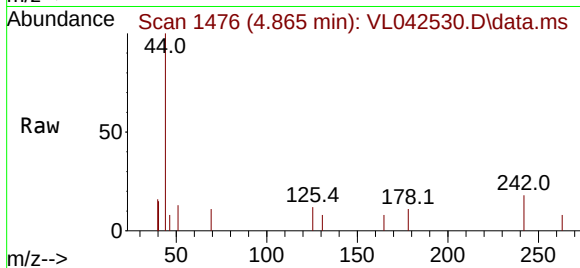
Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

Tgt Ion:	69	Resp:	14
Ion	Ratio	Lower	Upper
69	100		
41	0.0	119.9	179.9#
100	0.0	28.4	42.6#



#44

2,2,4-Trimethylpentane

Concen: 0.013 ppbv

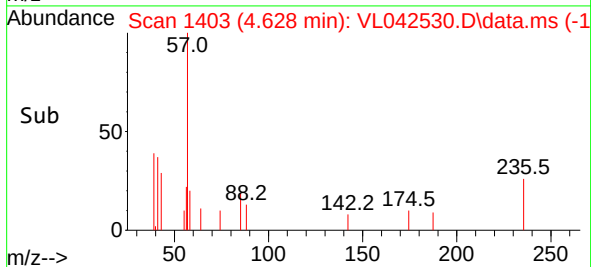
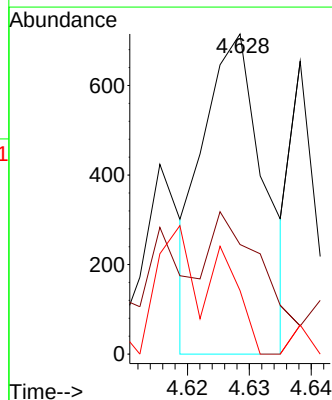
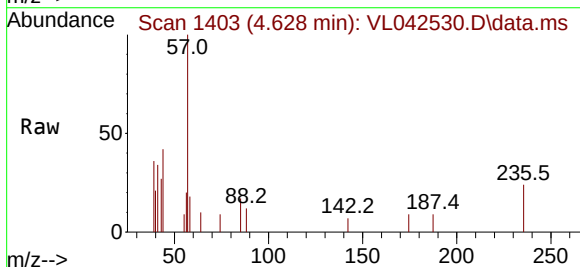
RT: 4.628 min Scan# 1403

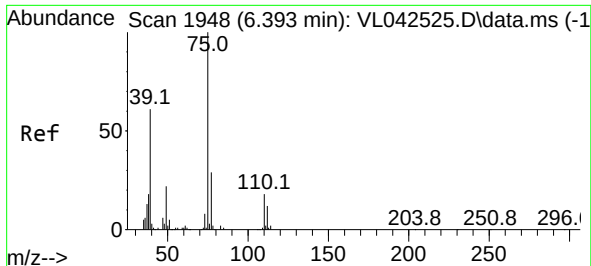
Delta R.T. 0.006 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Tgt Ion:	57	Resp:	487
Ion	Ratio	Lower	Upper
57	100		
41	0.0	28.3	42.5#
56	0.0	25.9	38.9#





#45

t-1,3-Dichloropropene

Concen: 0.003 ppbv

RT: 6.399 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Instrument :

MSVOA_L

ClientSampleId :

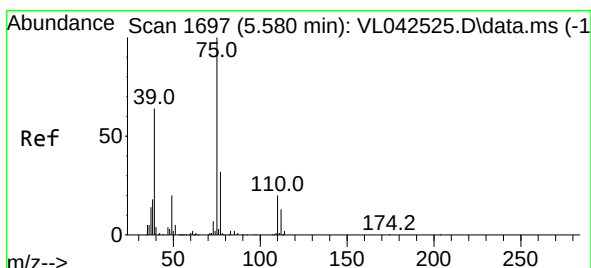
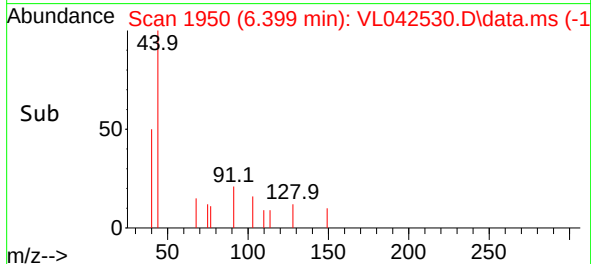
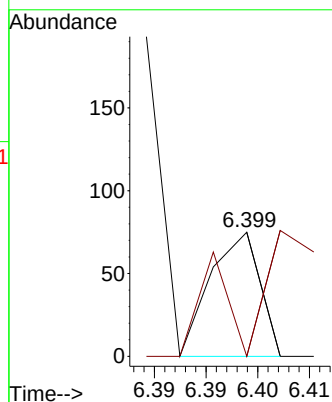
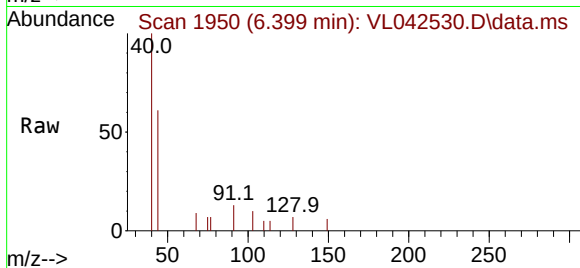
VSTDIC0.03

Tgt Ion: 75 Resp: 25

Ion Ratio Lower Upper

75 100

77 0.0 23.3 34.9#



#46

cis-1,3-Dichloropropene

Concen: 0.017 ppbv

RT: 5.580 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

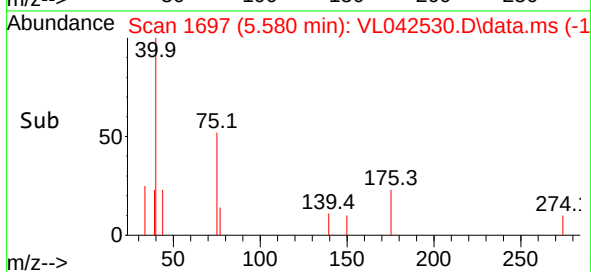
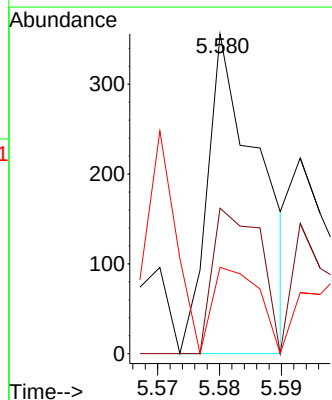
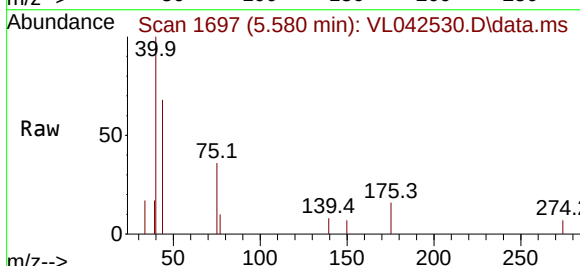
Tgt Ion: 75 Resp: 207

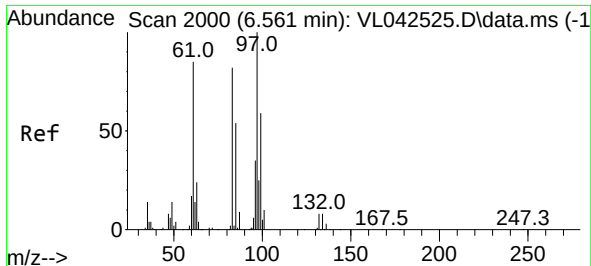
Ion Ratio Lower Upper

75 100

39 45.5 51.2 76.8#

77 27.0 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 0.008 ppbv

RT: 6.570 min Scan# 2003

Delta R.T. 0.009 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

Tgt Ion: 97 Resp: 81

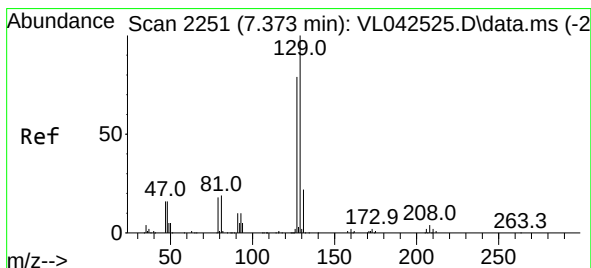
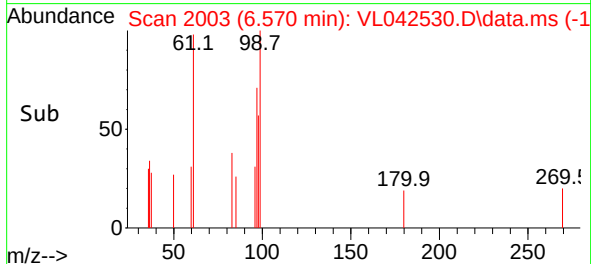
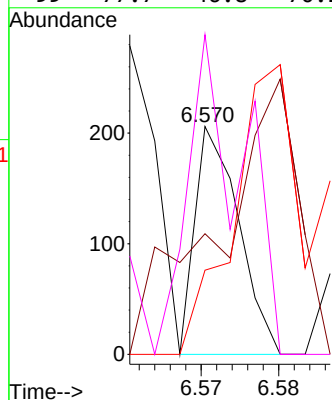
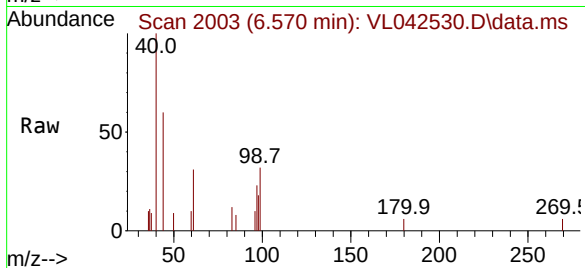
Ion	Ratio	Lower	Upper
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97	100		
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83	7.0	66.0	99.0#
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85	20.4	42.8	64.2#
----	------	------	-------

99	77.7	46.8	70.2#
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#48

Dibromochloromethane

Concen: 0.015 ppbv

RT: 7.376 min Scan# 2252

Delta R.T. 0.003 min

Lab File: VL042530.D

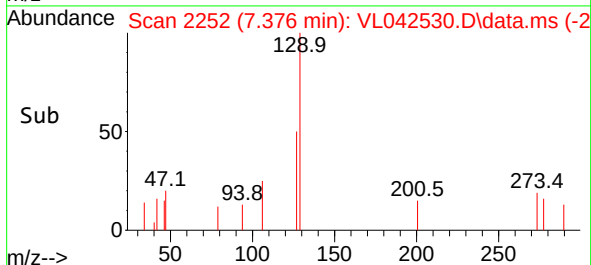
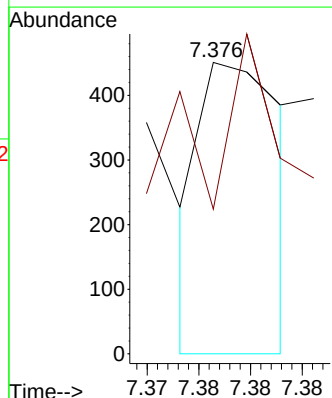
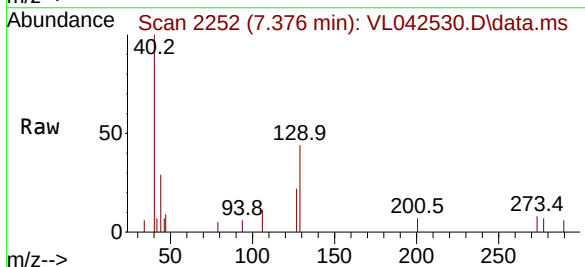
Acq: 12 May 2025 11:49

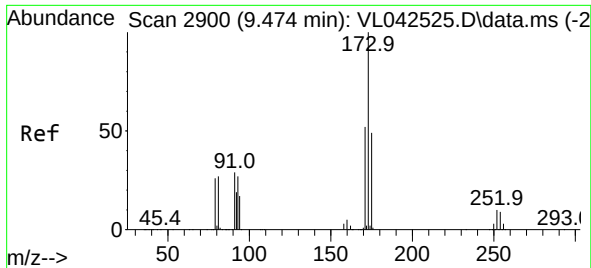
Tgt Ion: 129 Resp: 247

Ion	Ratio	Lower	Upper
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129	100		
-----	-----	--	--

127	232.4	39.6	118.8#
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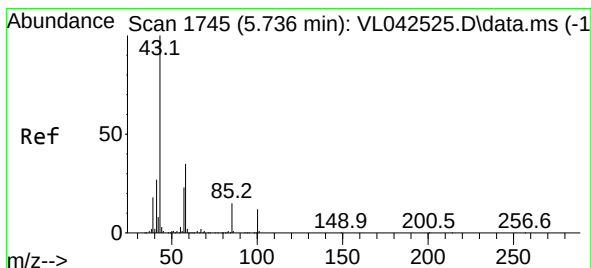
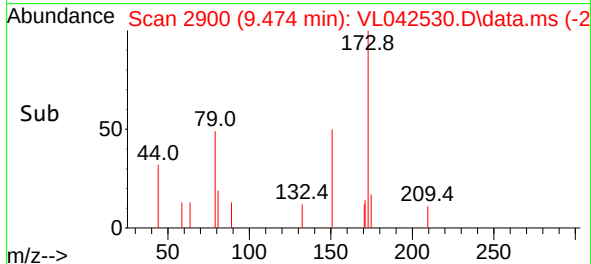
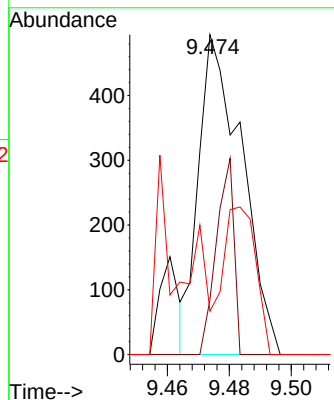
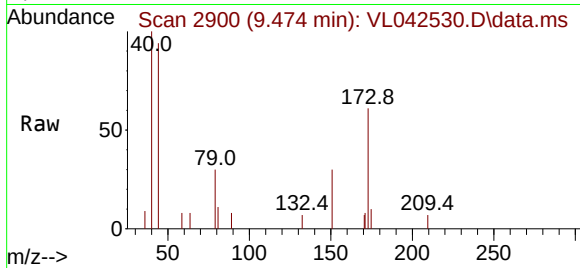




#49
Bromoform
Concen: 0.034 ppbv
RT: 9.474 min Scan# 2900
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

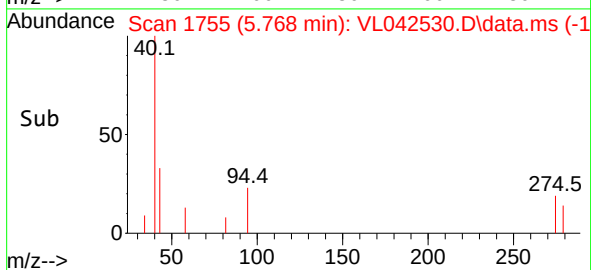
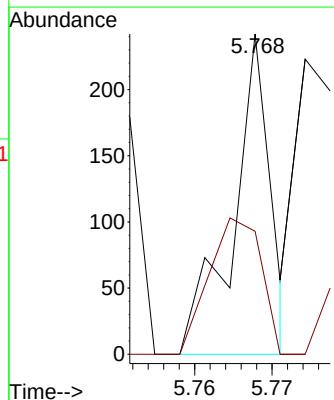
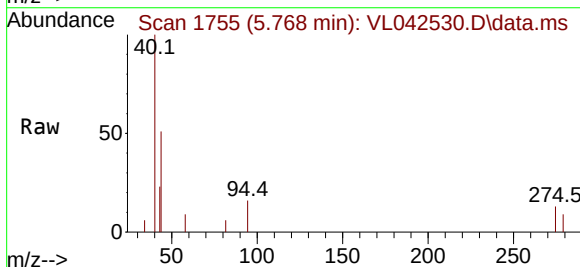
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

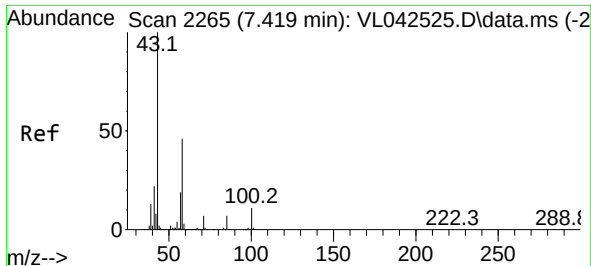
Tgt Ion:173 Resp: 477
Ion Ratio Lower Upper
173 100
175 24.9 39.1 58.7#
171 0.0 41.8 62.8#



#50
4-Methyl-2-Pentanone
Concen: 0.004 ppbv
RT: 5.768 min Scan# 1755
Delta R.T. 0.032 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
58 0.0 28.6 42.8#

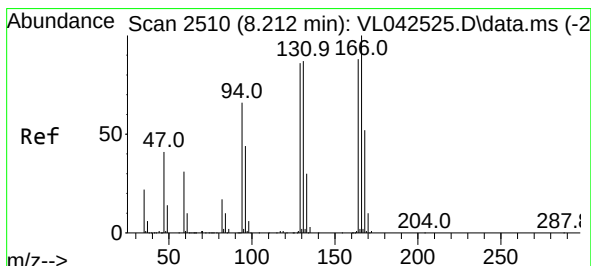
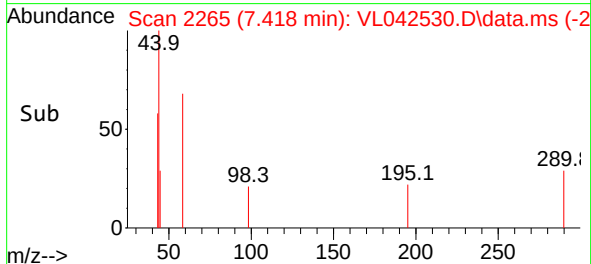
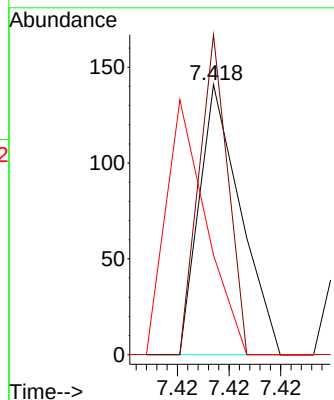
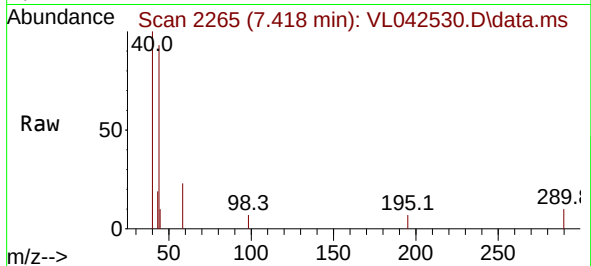




#51
2-Hexanone
Concen: 0.003 ppbv
RT: 7.418 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

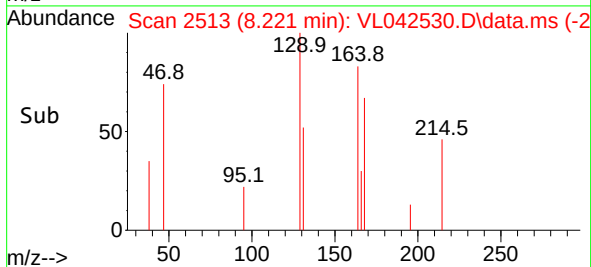
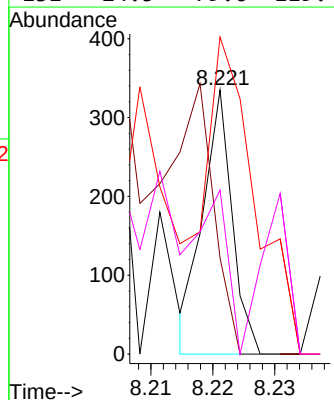
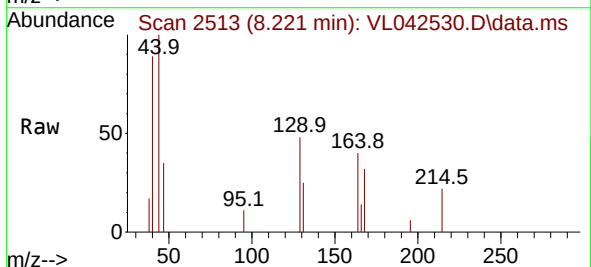
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

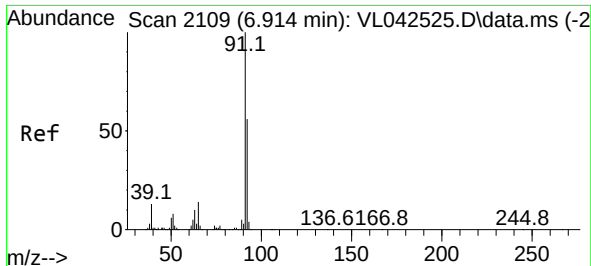
Tgt Ion: 43 Resp: 39
Ion Ratio Lower Upper
43 100
58 82.1 37.5 56.3#
98 92.3 0.9 1.3#



#52
Tetrachloroethene
Concen: 0.012 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. 0.009 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 164 Resp: 109
Ion Ratio Lower Upper
164 100
166 36.4 91.3 136.9#
129 78.2 78.9 118.3#
131 24.5 79.6 119.4#

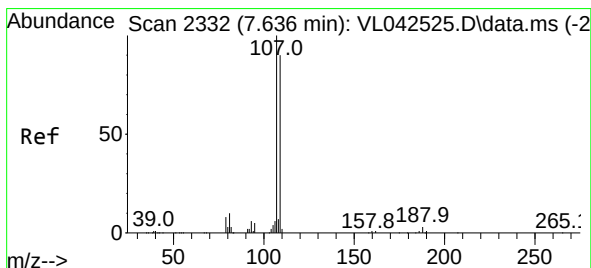
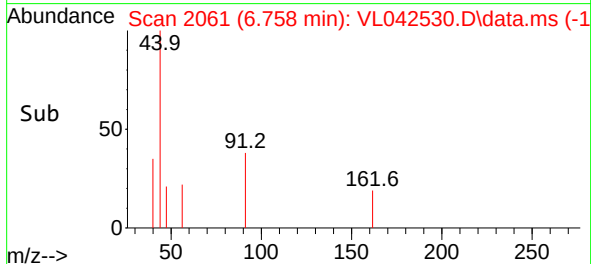
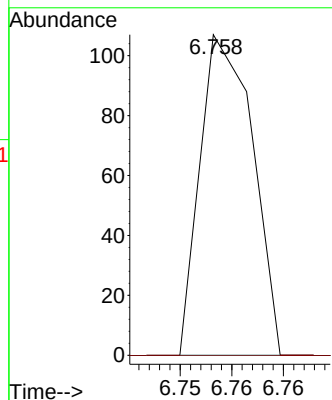
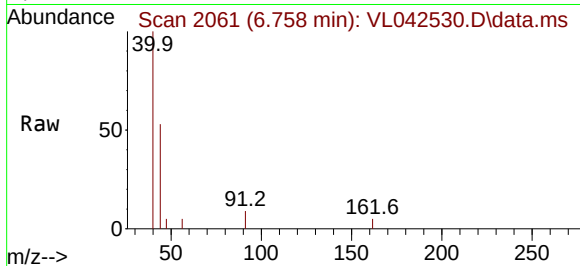




#53
Toluene
Concen: 0.002 ppbv
RT: 6.758 min Scan# 2061
Delta R.T. -0.156 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

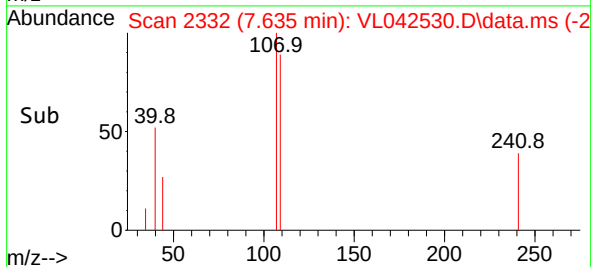
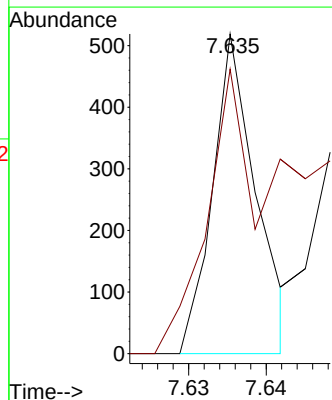
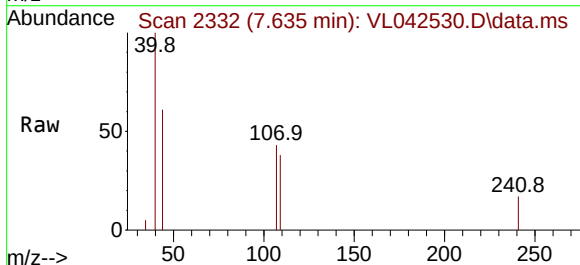
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

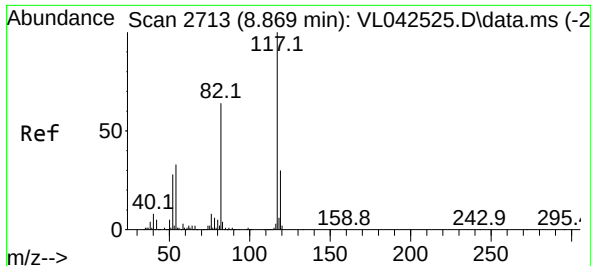
Tgt Ion: 91 Resp: 38
Ion Ratio Lower Upper
91 100
92 65.8 47.8 71.6



#54
1,2-Dibromoethane
Concen: 0.014 ppbv
RT: 7.635 min Scan# 2332
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 107 Resp: 204
Ion Ratio Lower Upper
107 100
109 74.2 72.2 108.4

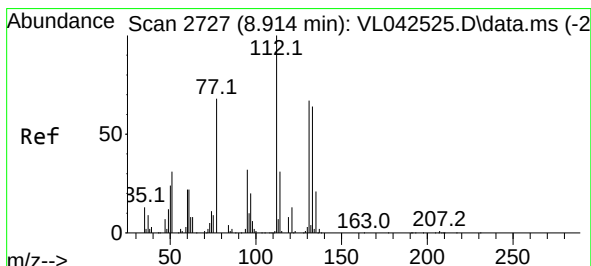
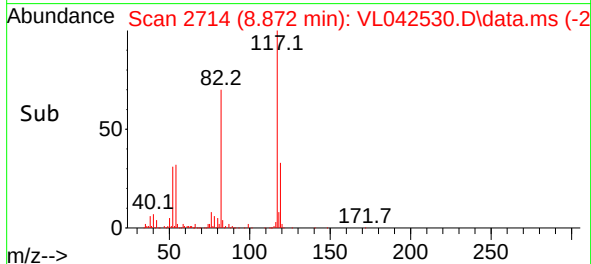
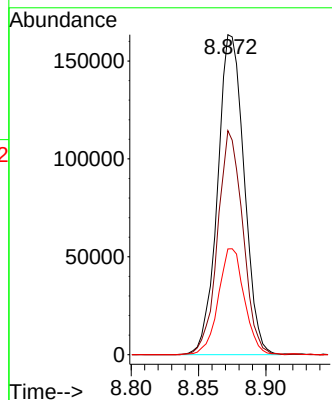
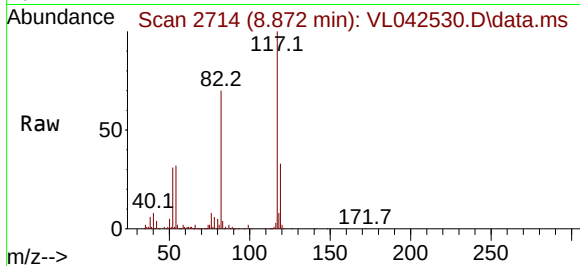




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 2714
Delta R.T. 0.003 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

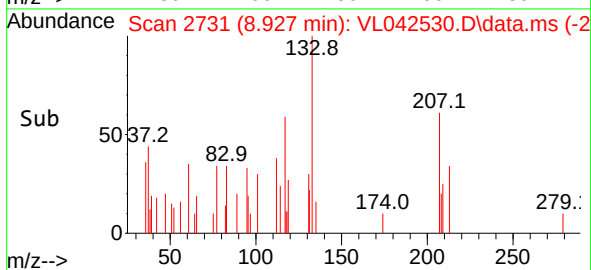
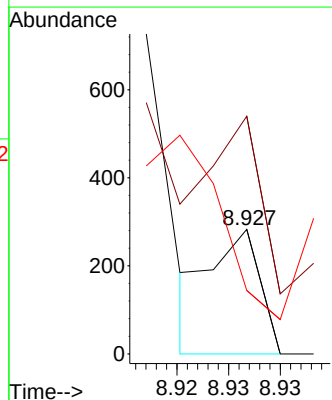
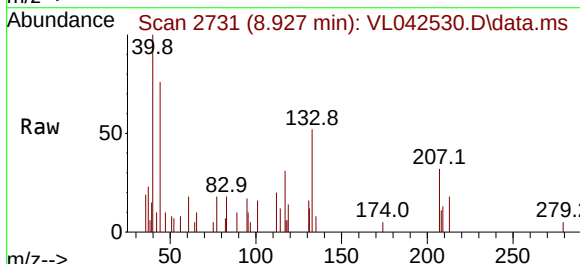
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

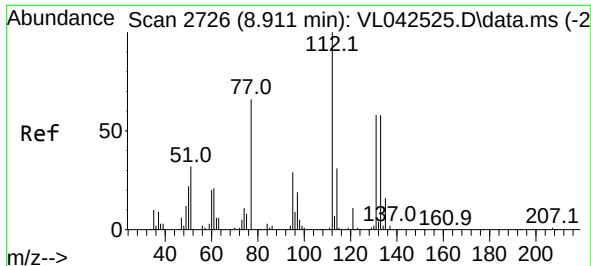
Tgt Ion:117 Resp: 223954
Ion Ratio Lower Upper
117 100
82 66.6 55.0 82.4
119 32.6 25.8 38.6



#56
1,1,1,2-Tetrachloroethane
Concen: 0.007 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. 0.013 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion:131 Resp: 92
Ion Ratio Lower Upper
131 100
133 0.0 77.4 116.2#
119 0.0 49.0 73.4#

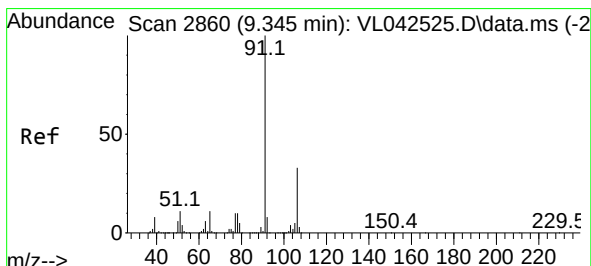
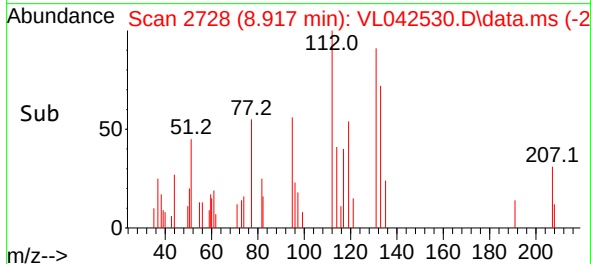
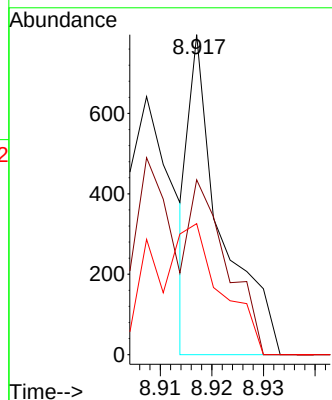
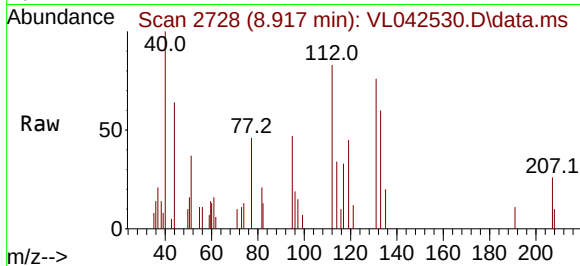




#57
Chlorobenzene
Concen: 0.015 ppbv
RT: 8.917 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

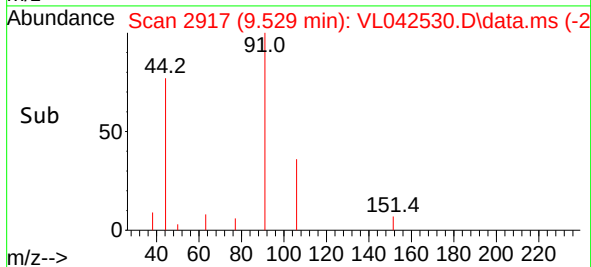
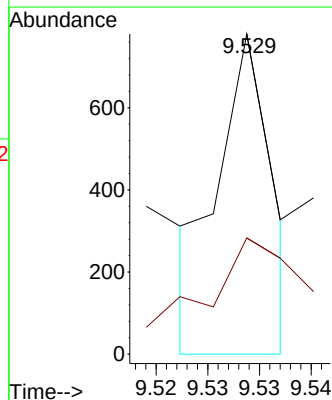
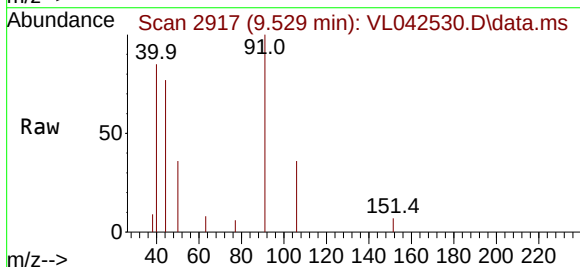
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

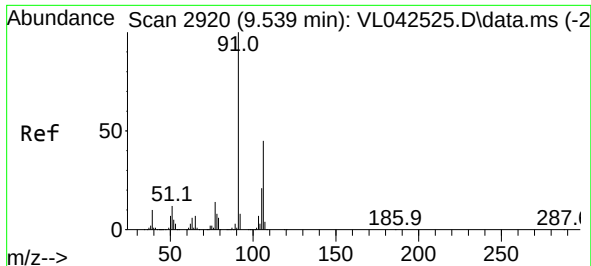
Tgt Ion:112 Resp: 338
Ion Ratio Lower Upper
112 100
77 54.6 53.6 80.4
114 41.0 28.2 34.4#



#58
Ethyl Benzene
Concen: 0.009 ppbv
RT: 9.529 min Scan# 2917
Delta R.T. 0.184 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 91 Resp: 281
Ion Ratio Lower Upper
91 100
106 30.6 26.0 39.0

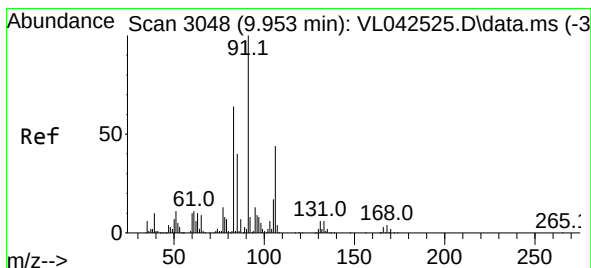
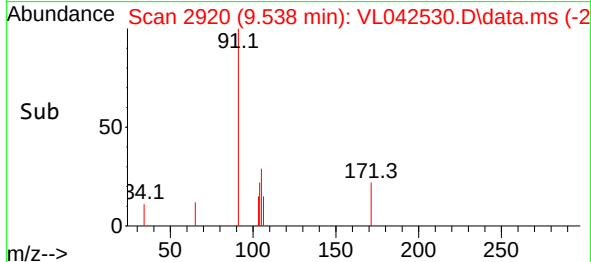
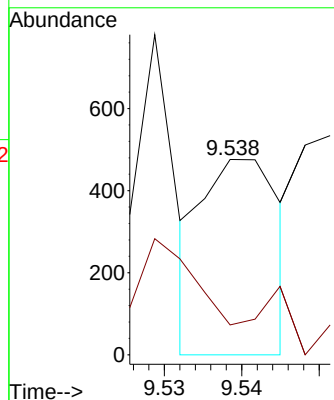
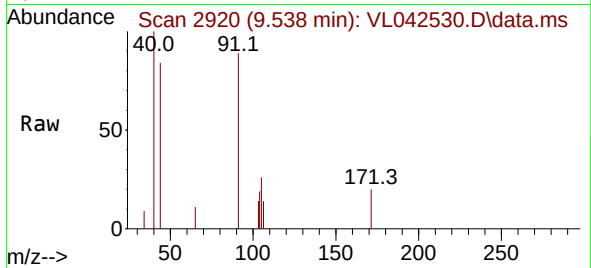




#59
m/p-Xylene
Concen: 0.012 ppbv
RT: 9.538 min Scan# 2920
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

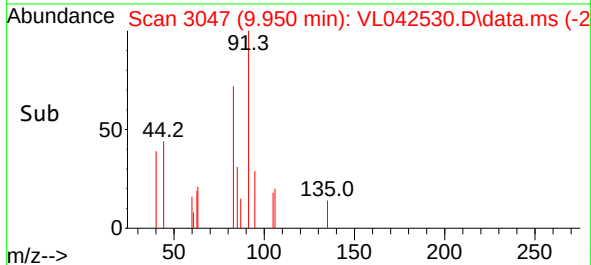
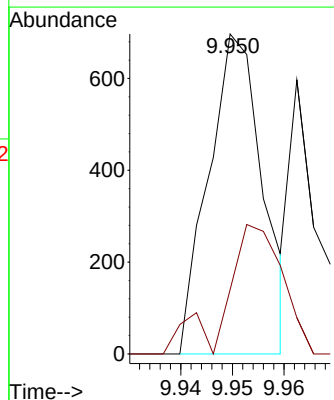
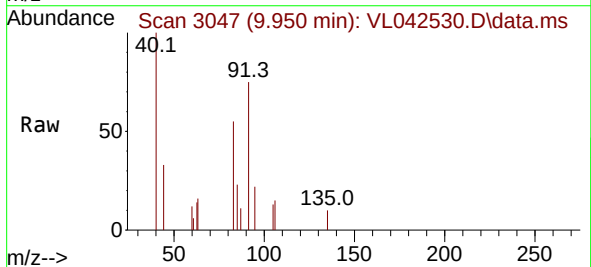
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

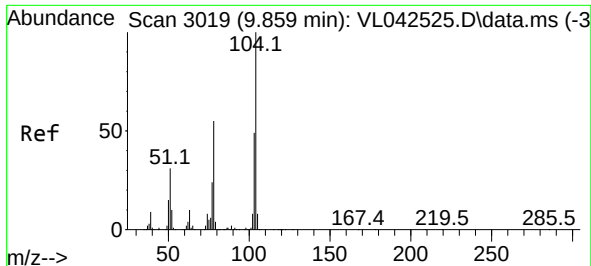
Tgt Ion: 91 Resp: 331
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 0.019 ppbv
RT: 9.950 min Scan# 3047
Delta R.T. -0.004 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 91 Resp: 507
Ion Ratio Lower Upper
91 100
106 42.8 21.6 64.6

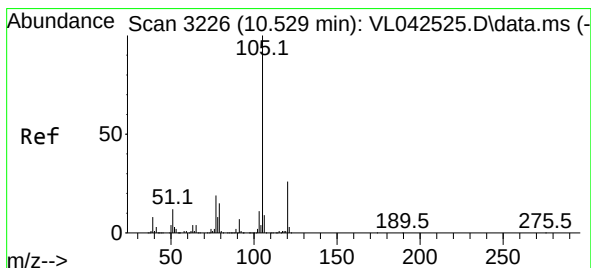
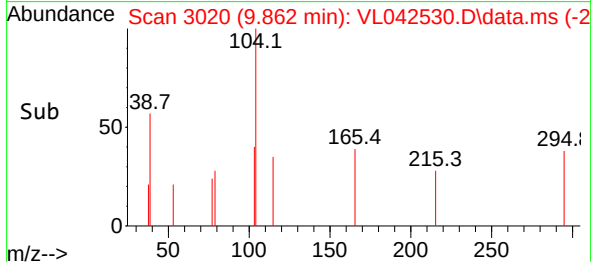
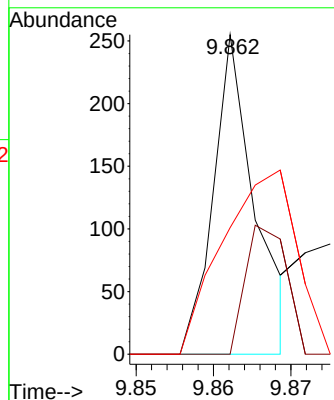
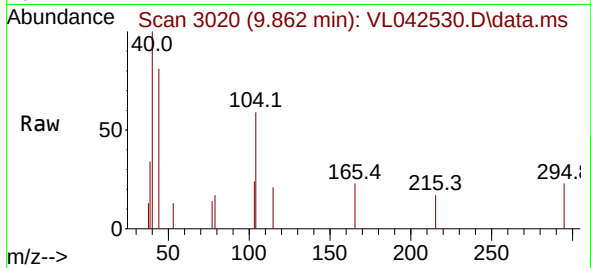




#61
Styrene
Concen: 0.010 ppbv
RT: 9.862 min Scan# 3019
Delta R.T. 0.003 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

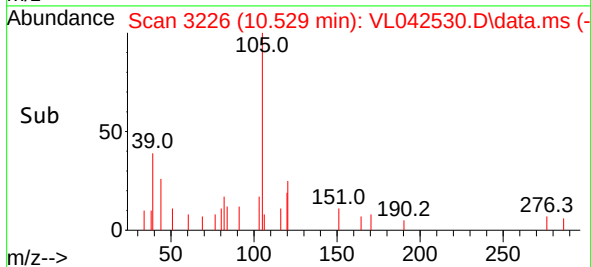
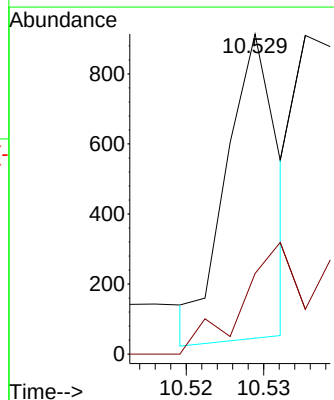
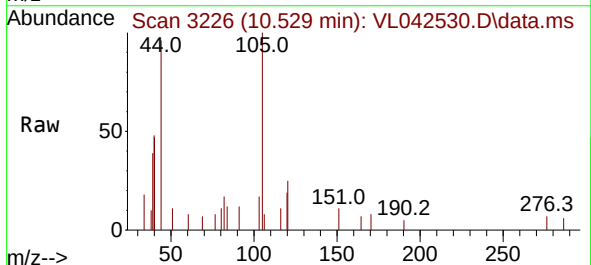
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

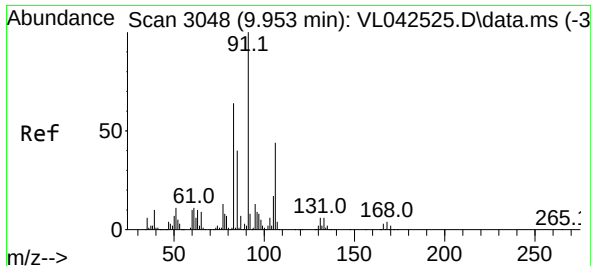
Tgt Ion:104 Resp: 96
Ion Ratio Lower Upper
104 100
78 39.6 44.7 67.1#
103 101.0 38.6 58.0#



#62
Isopropylbenzene
Concen: 0.010 ppbv
RT: 10.529 min Scan# 3226
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion:105 Resp: 403
Ion Ratio Lower Upper
105 100
120 69.7 20.1 30.1#

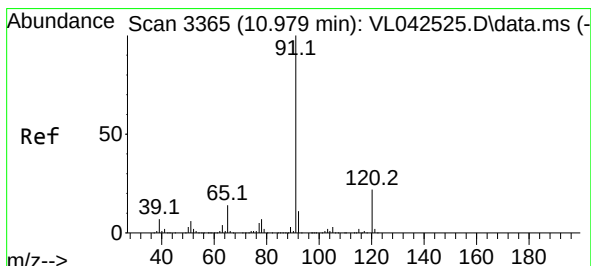
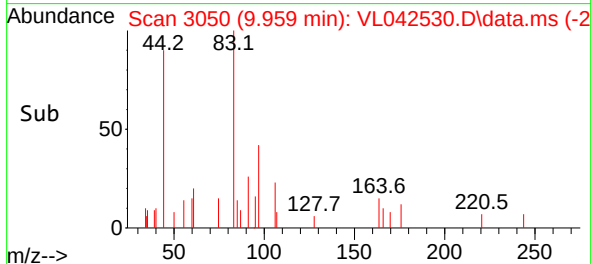
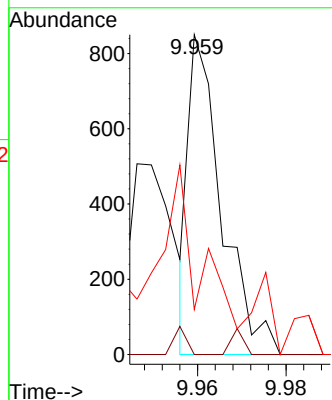
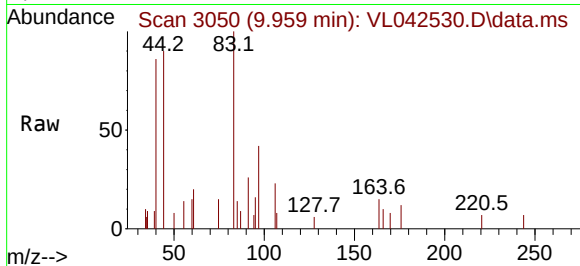




#63
1,1,2,2-Tetrachloroethane
Concen: 0.021 ppbv
RT: 9.959 min Scan# 3048
Delta R.T. 0.006 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

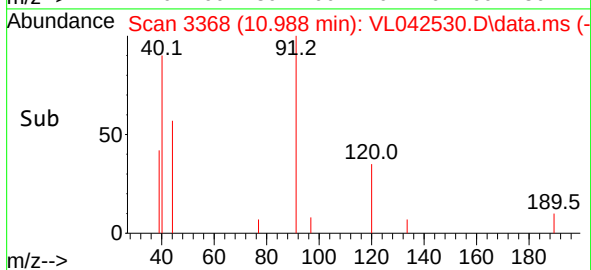
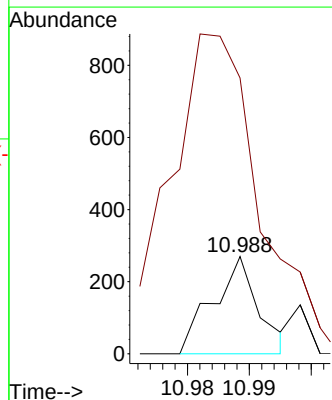
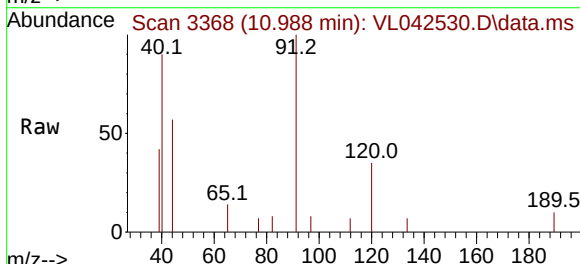
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

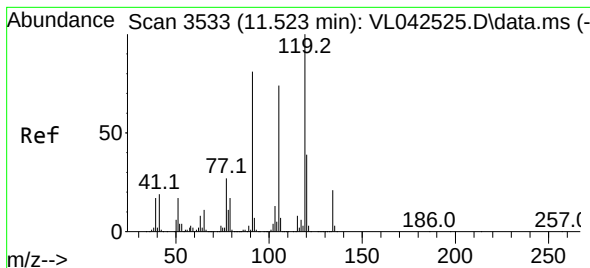
Tgt Ion: 83 Resp: 444
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 112.6 32.3 96.8#



#64
n-propylbenzene
Concen: 0.014 ppbv
RT: 10.988 min Scan# 3368
Delta R.T. 0.009 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 120 Resp: 138
Ion Ratio Lower Upper
120 100
91 690.6 377.7 566.5#

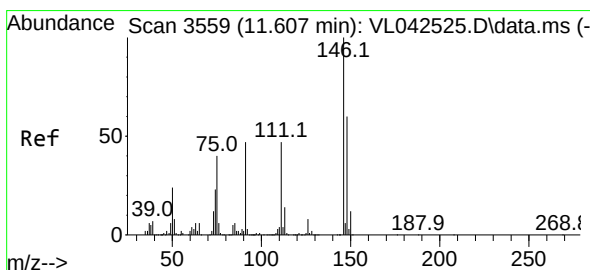
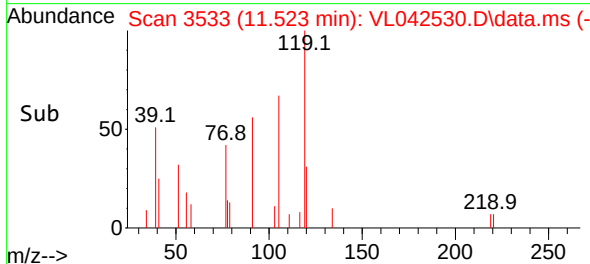
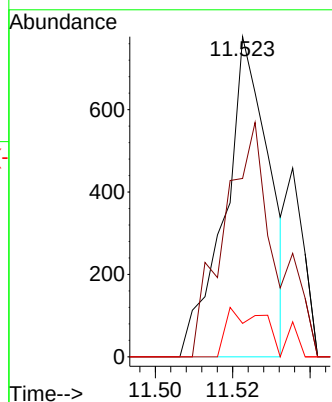
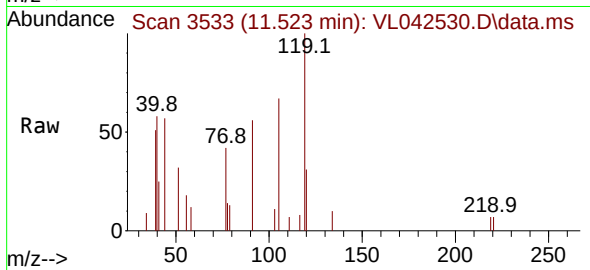




#65
tert-Butylbenzene
Concen: 0.017 ppbv
RT: 11.523 min Scan# 3533
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

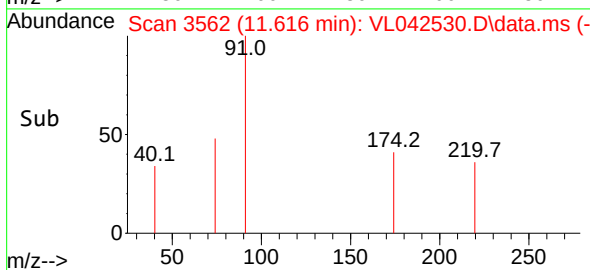
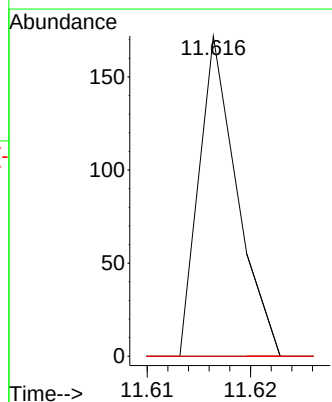
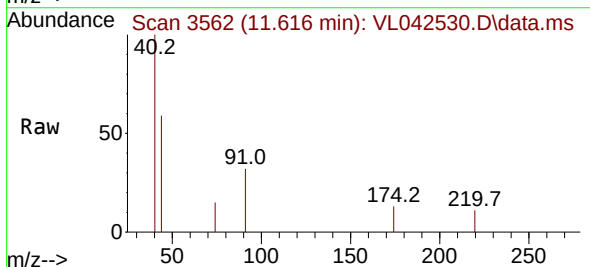
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

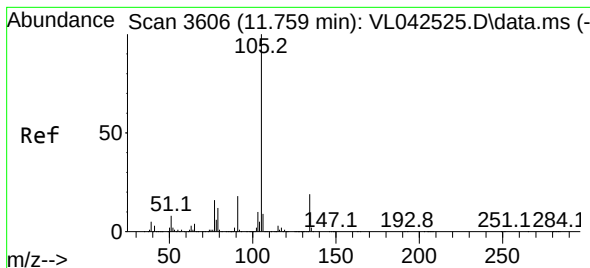
Tgt Ion:119 Resp: 618
Ion Ratio Lower Upper
119 100
91 85.0 66.6 99.8
134 15.4 16.3 24.5#



#66
Benzyl Chloride
Concen: 0.009 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. 0.009 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 91 Resp: 44
Ion Ratio Lower Upper
91 100
126 0.0 13.7 20.5#
128 0.0 4.2 6.2#

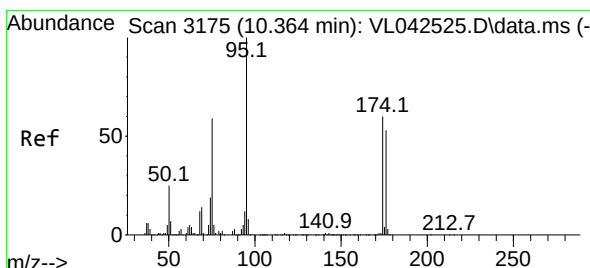
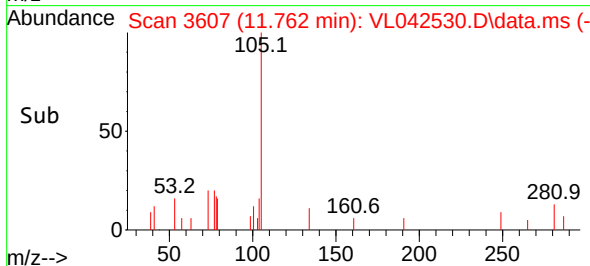
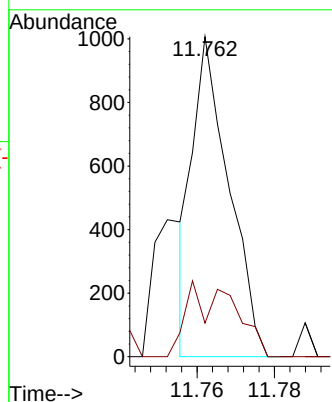
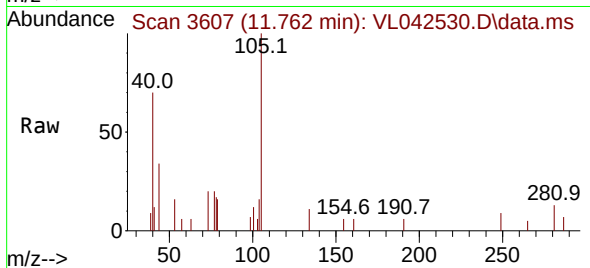




#67
 sec-Butylbenzene
 Concen: 0.012 ppbv
 RT: 11.762 min Scan# 3607
 Delta R.T. 0.003 min
 Lab File: VL042530.D
 Acq: 12 May 2025 11:49

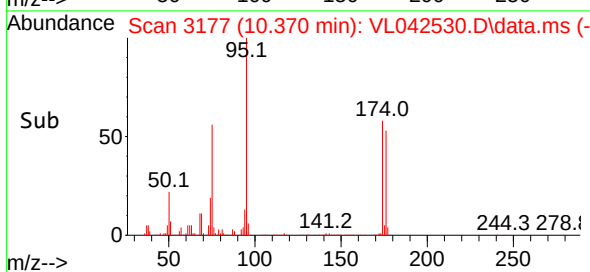
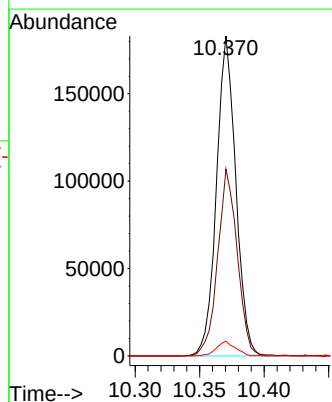
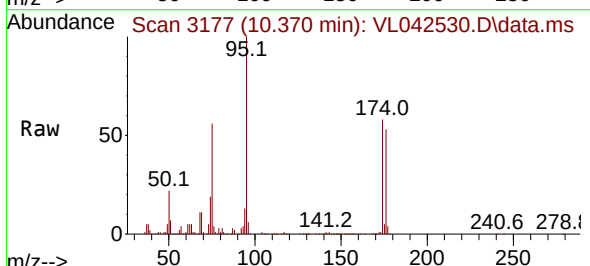
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

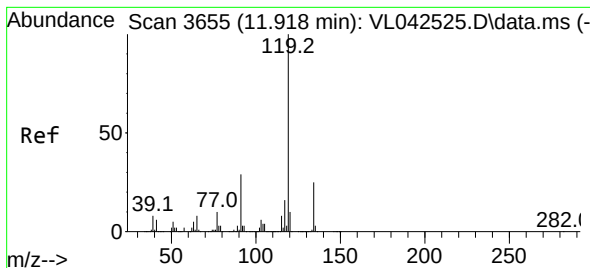
Tgt Ion:105 Resp: 653
 Ion Ratio Lower Upper
 105 100
 134 32.9 14.9 22.3#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.778 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. 0.006 min
 Lab File: VL042530.D
 Acq: 12 May 2025 11:49

Tgt Ion: 95 Resp: 190537
 Ion Ratio Lower Upper
 95 100
 174 59.3 48.0 72.0
 175 4.5 3.5 5.3





#69

p-Isopropyltoluene

Concen: 0.009 ppbv

RT: 11.924 min Scan# 3657

Delta R.T. 0.006 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

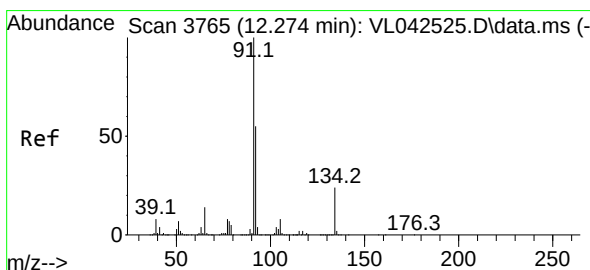
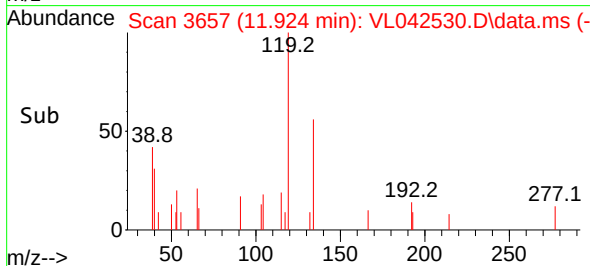
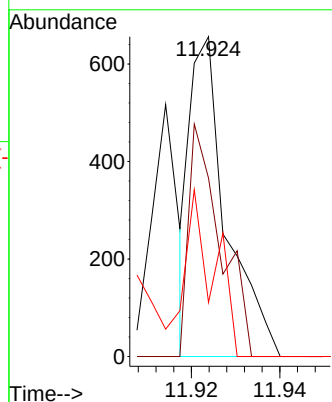
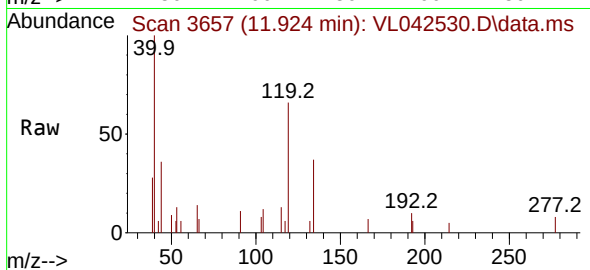
Tgt Ion:119 Resp: 375

Ion Ratio Lower Upper

119 100

134 63.7 19.8 29.6#

91 58.9 23.6 35.4#



#70

n-Butylbenzene

Concen: 0.012 ppbv

RT: 12.280 min Scan# 3767

Delta R.T. 0.006 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

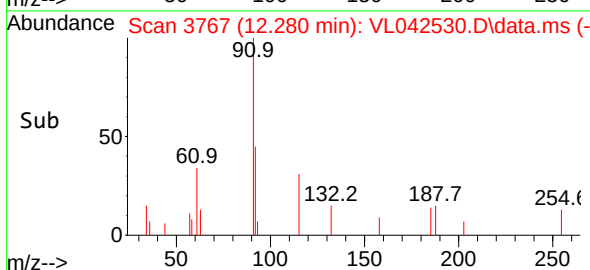
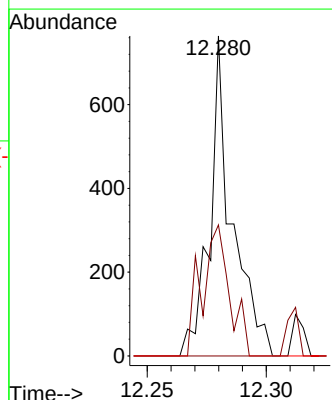
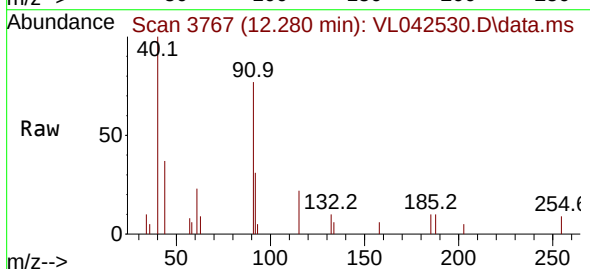
Tgt Ion: 91 Resp: 493

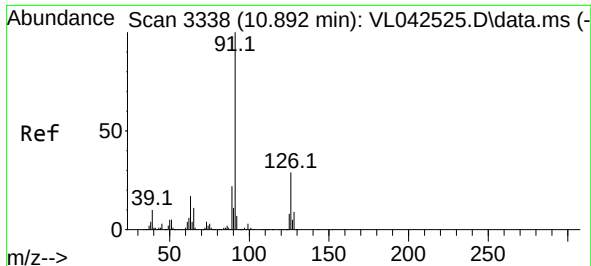
Ion Ratio Lower Upper

91 100

92 51.5 43.7 65.5

134 0.0 18.9 28.3#

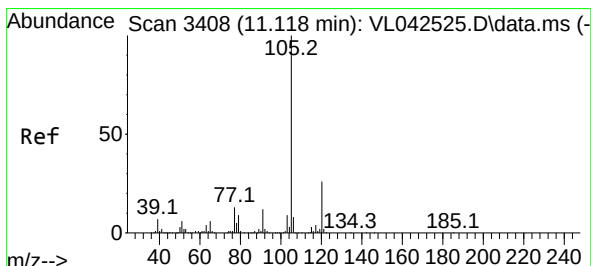
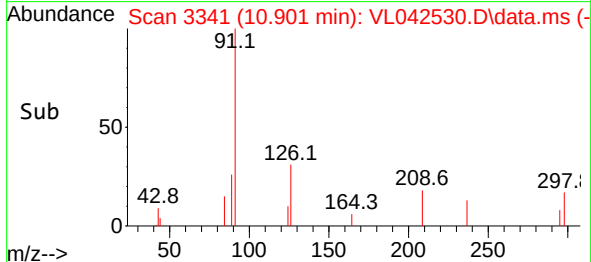
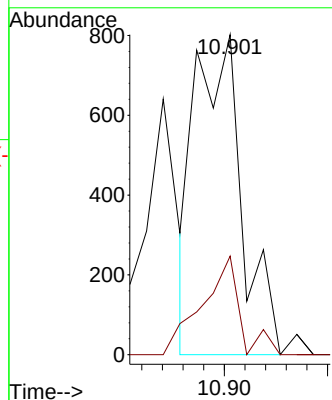
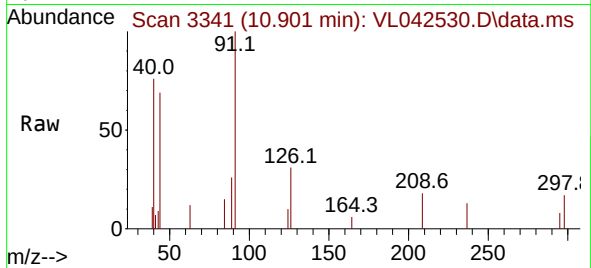




#71
2-Chlorotoluene
Concen: 0.017 ppbv
RT: 10.901 min Scan# 3338
Delta R.T. 0.009 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

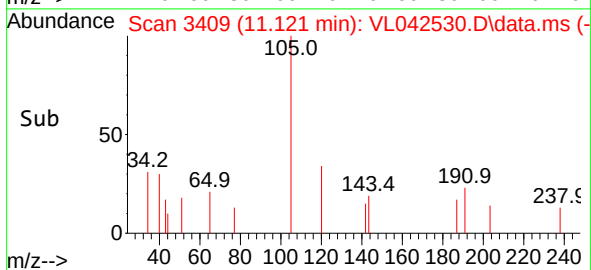
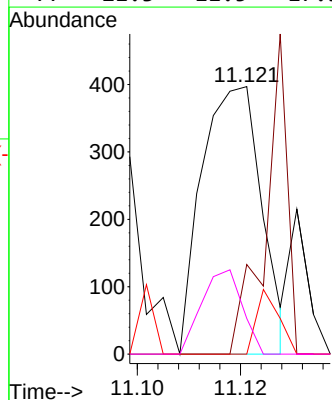
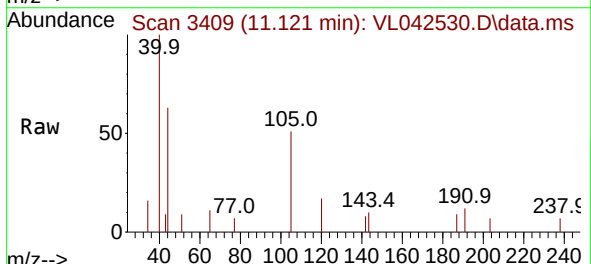
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

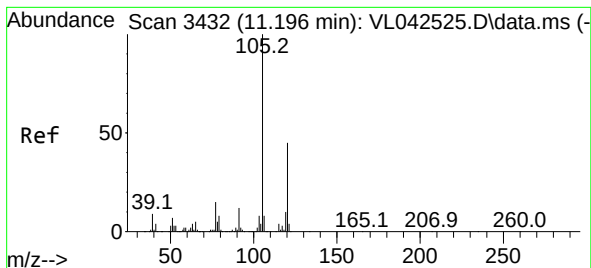
Tgt Ion: 91 Resp: 501
Ion Ratio Lower Upper
91 100
126 25.1 11.4 45.6



#72
4-Ethyltoluene
Concen: 0.010 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. 0.003 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion: 105 Resp: 320
Ion Ratio Lower Upper
105 100
120 0.0 22.9 34.3#
91 0.0 10.9 16.3#
77 21.3 11.5 17.3#





#73

1,3,5-Trimethylbenzene

Concen: 0.017 ppbv

RT: 11.202 min Scan# 3434

Delta R.T. 0.006 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Instrument :

MSVOA_L

ClientSampleId :

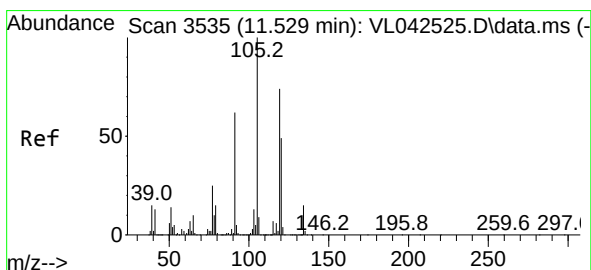
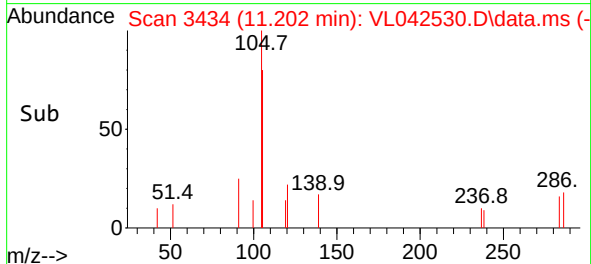
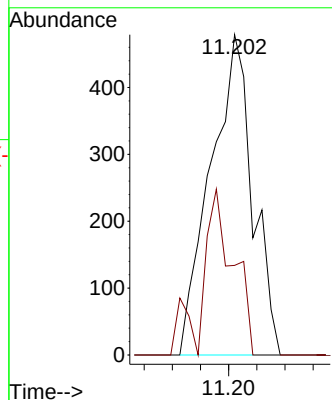
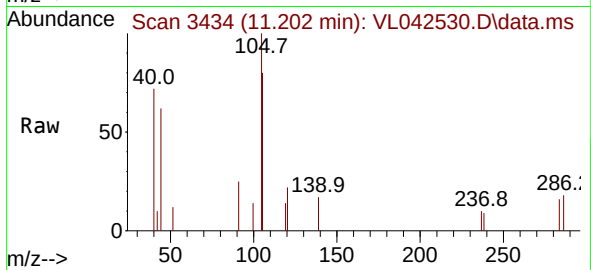
VSTDIC0.03

Tgt Ion:105 Resp: 496

Ion Ratio Lower Upper

105 100

120 28.0 36.0 54.0#



#74

1,2,4-Trimethylbenzene

Concen: 0.016 ppbv

RT: 11.535 min Scan# 3537

Delta R.T. 0.006 min

Lab File: VL042530.D

Acq: 12 May 2025 11:49

Tgt Ion:105 Resp: 568

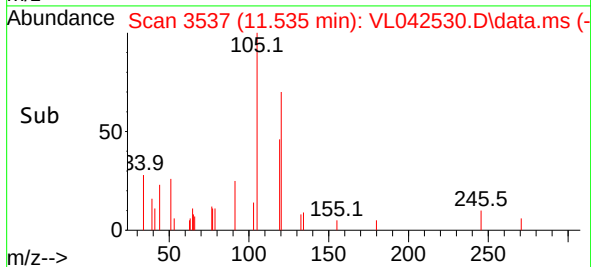
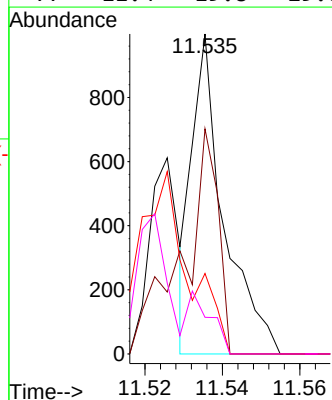
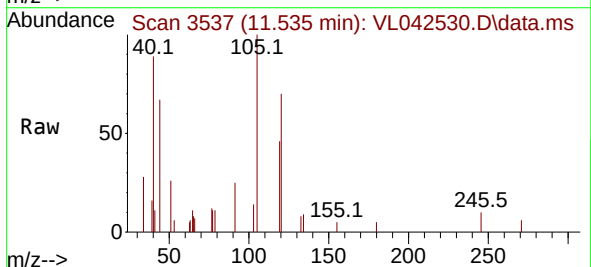
Ion Ratio Lower Upper

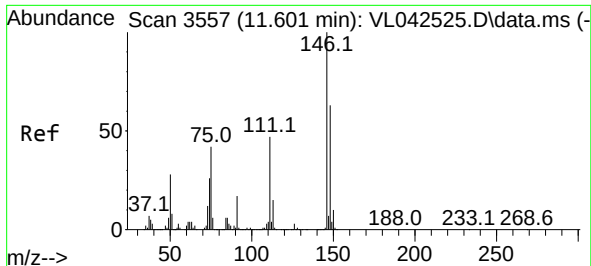
105 100

120 70.3 39.0 58.6#

91 25.2 49.4 74.2#

77 11.4 19.8 29.6#

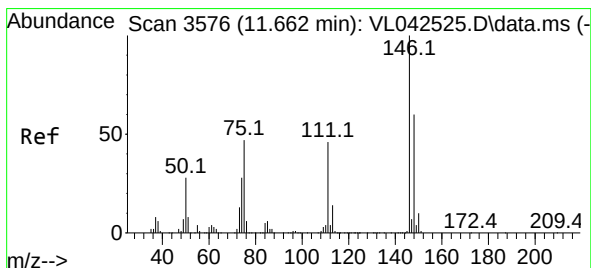
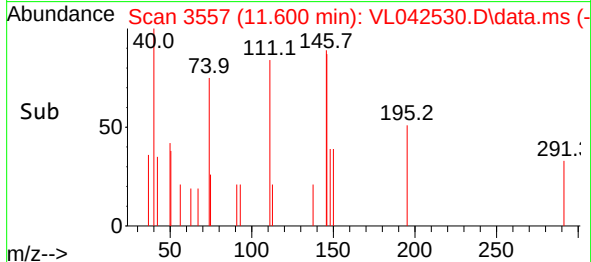
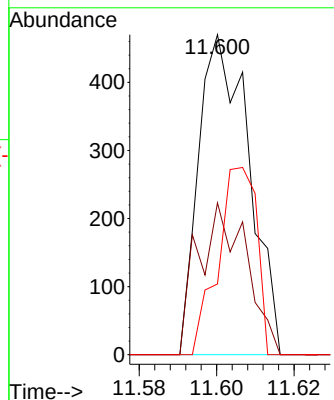
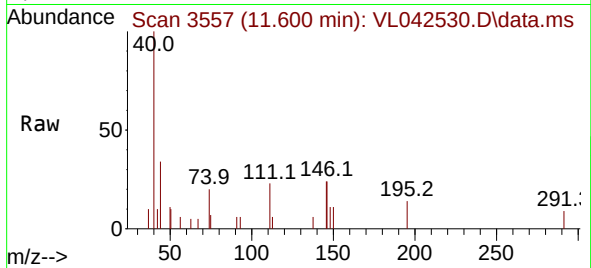




#75
1,3-Dichlorobenzene
Concen: 0.019 ppbv
RT: 11.600 min Scan# 3557
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

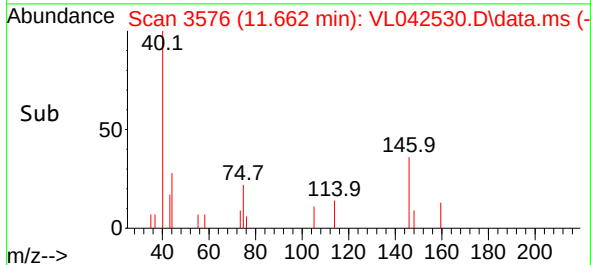
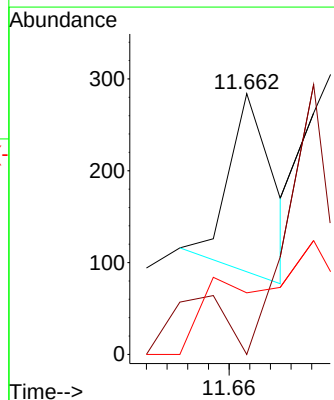
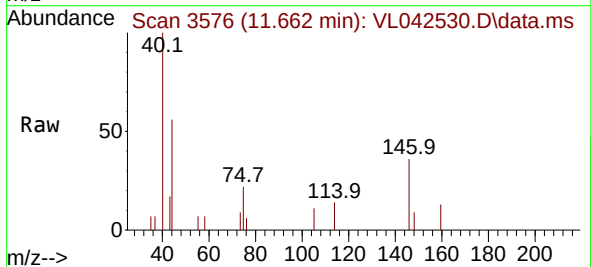
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

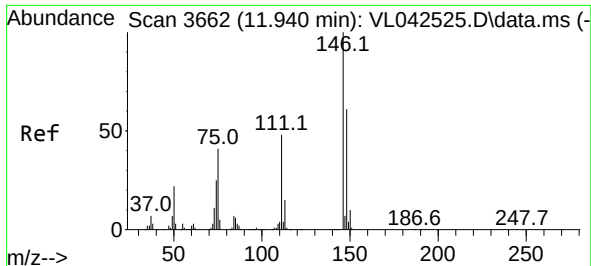
Tgt Ion:	146	Resp:	423
Ion	Ratio	Lower	Upper
146	100		
111	45.4	23.6	71.0
148	45.2	31.6	94.8



#76
1,4-Dichlorobenzene
Concen: 0.003 ppbv
RT: 11.662 min Scan# 3576
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion:	146	Resp:	56
Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.4	70.3#
148	0.0	31.6	94.7#

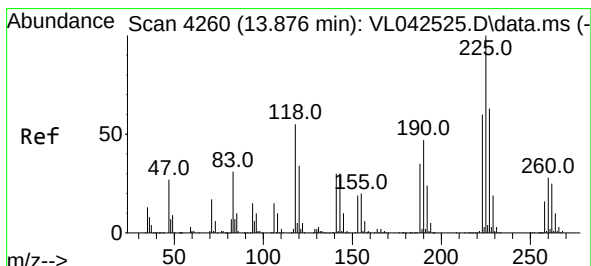
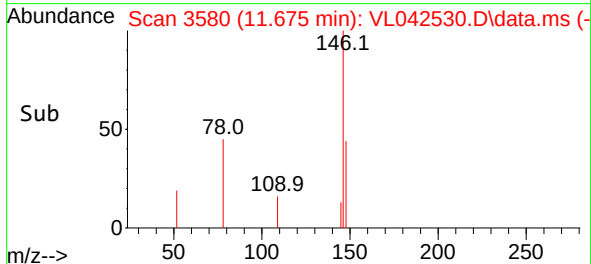
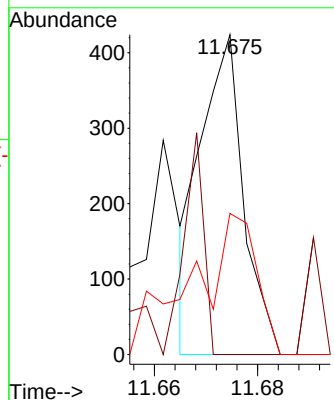
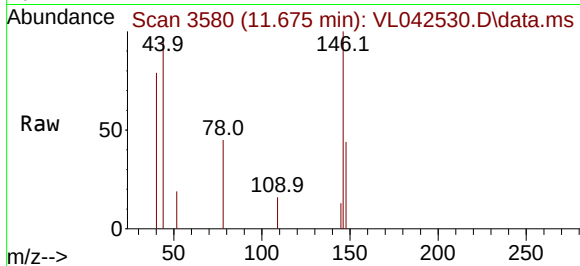




#77
1,2-Dichlorobenzene
Concen: 0.011 ppbv
RT: 11.675 min Scan# 311
Delta R.T. -0.266 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

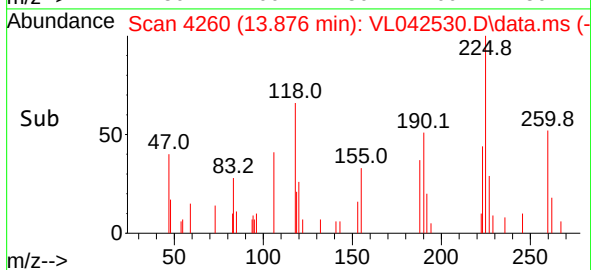
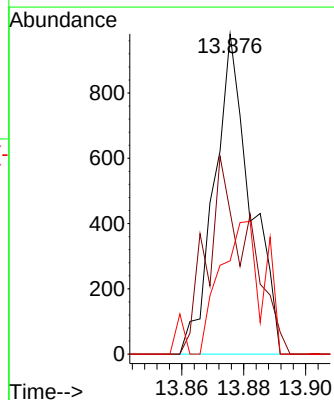
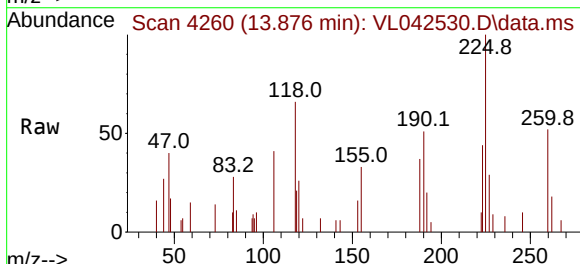
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

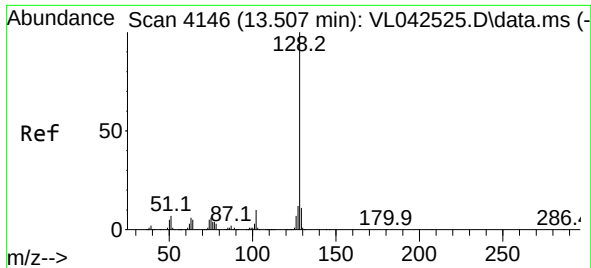
Tgt Ion:146	Resp:	244	
Ion	Ratio	Lower	Upper
146	100		
111	41.4	24.9	74.8
148	67.2	31.4	94.2



#78
Hexachloro-1,3-Butadiene
Concen: 0.041 ppbv
RT: 13.876 min Scan# 4260
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion:225	Resp:	796	
Ion	Ratio	Lower	Upper
225	100		
223	69.3	50.8	76.2
227	51.9	50.5	75.7

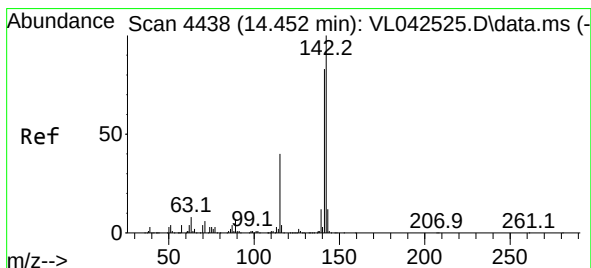
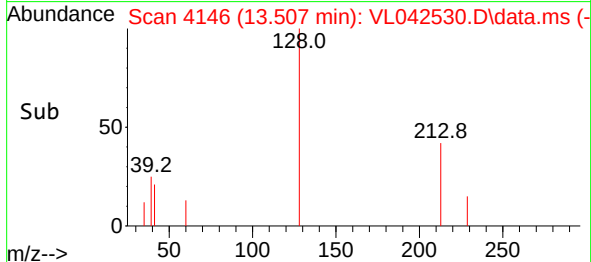
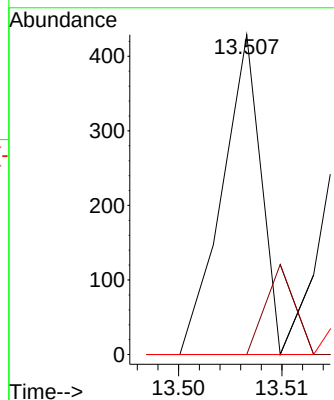
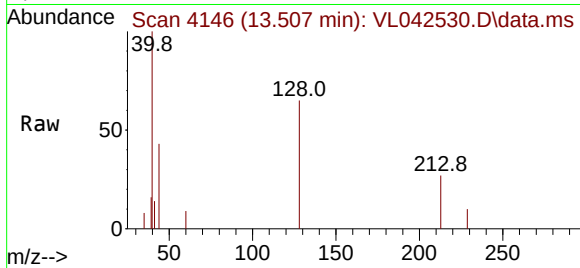




#79
Naphthalene
Concen: 0.005 ppbv
RT: 13.507 min Scan# 4146
Delta R.T. -0.000 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

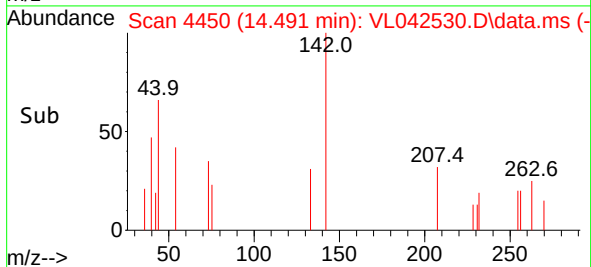
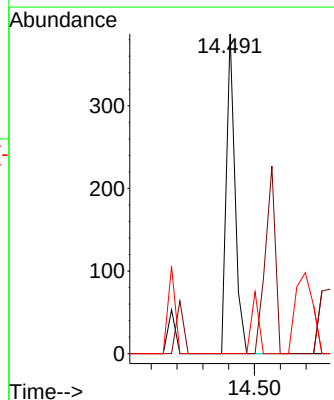
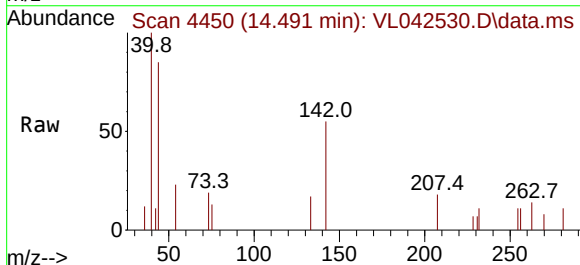
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

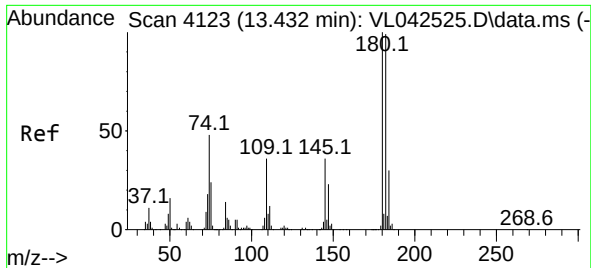
Tgt Ion:128 Resp: 112
Ion Ratio Lower Upper
128 100
127 0.0 9.8 14.8#
129 0.0 8.6 12.8#



#80
Naphthalene,2-methyl-
Concen: 0.006 ppbv
RT: 14.491 min Scan# 4450
Delta R.T. 0.039 min
Lab File: VL042530.D
Acq: 12 May 2025 11:49

Tgt Ion:142 Resp: 90
Ion Ratio Lower Upper
142 100
141 13.3 66.8 100.2#
115 16.7 33.0 49.6#





#81

1,2,4-Trichlorobenzene

Concen: 0.002 ppbv

RT: 13.442 min Scan# 41

Delta R.T. 0.009 min

Lab File: VL042530.D

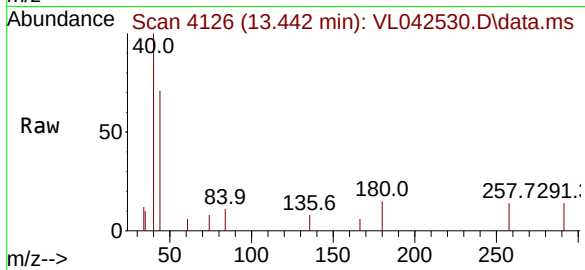
Acq: 12 May 2025 11:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03



Tgt Ion:180 Resp: 23

Ion Ratio Lower Upper

180 100

182 0.0 76.6 114.8#

184 0.0 24.6 36.8#

