

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052025\
 Data File : VL042551.D
 Acq On : 20 May 2025 11:54
 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 20 23:28:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue May 20 23:22:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	116301	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	369679	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	322658	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	251724	9.748	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	700	0.032	ppbv	95
3) Chlorodifluoromethane	1.476	51	663	0.037	ppbv #	55
4) Chloromethane	1.534	50	382	0.055	ppbv #	51
5) Vinyl Chloride	1.580	62	262	0.034	ppbv #	76
6) Bromomethane	1.664	94	149	0.034	ppbv #	14
7) Chloroethane	1.706	64	127	0.041	ppbv #	1
8) Dichlorotetrafluoroethane	1.557	85	602	0.033	ppbv #	80
9) Propene	1.486	41	375	0.060	ppbv	97
10) Heptane	4.985	43	160	0.010	ppbv #	24
11) Trichlorofluoromethane	1.877	101	819	0.036	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.143	101	676	0.037	ppbv	99
13) Ethanol	1.887	45	577	0.639	ppbv #	37
14) Bromoethene	1.784	108	286	0.041	ppbv #	73
15) Acetone	1.839	43	1730	0.107	ppbv	97
16) 1,3-Butadiene	1.609	39	522	0.079	ppbv #	66
17) tert-Butyl alcohol	2.049	59	703	0.038	ppbv	95
18) 1,1-Dichloroethene	2.036	96	274	0.033	ppbv #	86
19) Isopropyl Alcohol	1.887	45	577	0.063	ppbv #	21
20) Methylene Chloride	2.065	84	1749	0.223	ppbv	91
21) Allyl Chloride	2.094	41	557	0.054	ppbv #	79
22) trans-1,2-Dichloroethene	2.725	96	342	0.037	ppbv	85
23) Vinyl Acetate	2.466	43	929	0.049	ppbv #	79
24) 1,1-Dichloroethane	2.411	63	567	0.036	ppbv #	86
25) Ethyl Acetate	2.845	43	651	0.021	ppbv #	83
26) Hexane	2.829	57	432	0.030	ppbv	95
27) Carbon Disulfide	2.153	76	596	0.029	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	199	0.021	ppbv	93
29) Chloroform	2.855	83	960	0.036	ppbv #	82
30) Cyclohexane	3.865	84	47	0.004	ppbv #	1
31) cis-1,2-Dichloroethene	2.725	61	256	0.016	ppbv #	79
32) 1,1,1-Trichloroethane	3.376	97	494	0.018	ppbv #	31
34) 2-Butanone	2.567	43	917	0.047	ppbv #	85
35) Carbon Tetrachloride	3.768	117	764	0.027	ppbv #	62
36) Benzene	3.648	78	288	0.010	ppbv	96
37) 1,2-Dichloroethane	3.224	62	681	0.037	ppbv #	92
38) Trichloroethene	4.557	130	259	0.019	ppbv #	56
39) 1,2-Dichloropropane	3.962	63	87917	8.373	ppbv #	26
40) 1,4-Dioxane	4.629	88	63	0.013	ppbv #	1
41) Tetrahydrofuran	3.062	42	33	0.003	ppbv #	33
42) Bromodichloromethane	4.489	83	267	0.010	ppbv #	64
43) Methyl Methacrylate	4.887	69	79	0.008	ppbv #	8
44) 2,2,4-Trimethylpentane	4.648	57	203	0.004	ppbv #	1
45) t-1,3-Dichloropropene	6.422	75	104	0.008	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052025\
 Data File : VL042551.D
 Acq On : 20 May 2025 11:54
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

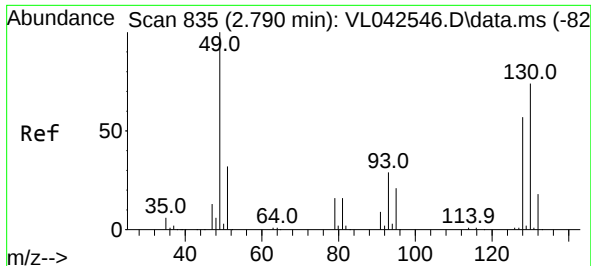
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: May 20 23:28:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue May 20 23:22:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.606	75	199	0.013	ppbv	#	29
47) 1,1,2-Trichloroethane	6.593	97	242	0.019	ppbv	#	54
48) Dibromochloromethane	7.386	129	353	0.016	ppbv	#	28
49) Bromoform	9.490	173	394	0.021	ppbv	#	47
50) 4-Methyl-2-Pentanone	5.765	43	57	0.002	ppbv	#	37
51) 2-Hexanone	7.464	43	164	0.010	ppbv	#	44
52) Tetrachloroethene	8.231	164	272	0.023	ppbv	#	44
53) Toluene	6.946	91	878	0.027	ppbv		86
54) 1,2-Dibromoethane	7.655	107	260	0.014	ppbv	#	42
56) 1,1,1,2-Tetrachloroethane	8.933	131	266	0.015	ppbv	#	1
57) Chlorobenzene	8.927	112	1177	0.041	ppbv	#	84
58) Ethyl Benzene	9.535	91	420	0.010	ppbv		93
59) m/p-Xylene	9.561	91	389	0.011	ppbv	#	1
60) o-Xylene	9.966	91	567	0.016	ppbv		73
61) Styrene	9.872	104	91	0.007	ppbv	#	29
62) Isopropylbenzene	10.545	105	841	0.015	ppbv		90
63) 1,1,2,2-Tetrachloroethane	9.969	83	515	0.022	ppbv	#	50
64) n-propylbenzene	10.989	120	240	0.018	ppbv		91
65) tert-Butylbenzene	11.532	119	451	0.009	ppbv	#	20
66) Benzyl Chloride	11.548	91	60	0.010	ppbv	#	65
67) sec-Butylbenzene	11.775	105	1203	0.017	ppbv	#	66
69) p-Isopropyltoluene	11.934	119	757	0.013	ppbv		99
70) n-Butylbenzene	12.286	91	711	0.013	ppbv	#	87
71) 2-Chlorotoluene	10.904	91	482	0.012	ppbv	#	44
72) 4-Ethyltoluene	11.128	105	890	0.020	ppbv	#	94
73) 1,3,5-Trimethylbenzene	11.212	105	695	0.018	ppbv	#	83
74) 1,2,4-Trimethylbenzene	11.539	105	997	0.022	ppbv	#	89
75) 1,3-Dichlorobenzene	11.610	146	390	0.014	ppbv	#	51
76) 1,4-Dichlorobenzene	11.675	146	431	0.016	ppbv		97
77) 1,2-Dichlorobenzene	11.956	146	492	0.018	ppbv		82
78) Hexachloro-1,3-Butadiene	13.882	225	746	0.032	ppbv		96
79) Naphthalene	13.513	128	152	0.004	ppbv	#	69
80) Naphthalene,2-methyl-	14.507	142	41	0.002	ppbv	#	16
81) 1,2,4-Trichlorobenzene	13.445	180	124	0.006	ppbv	#	59

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

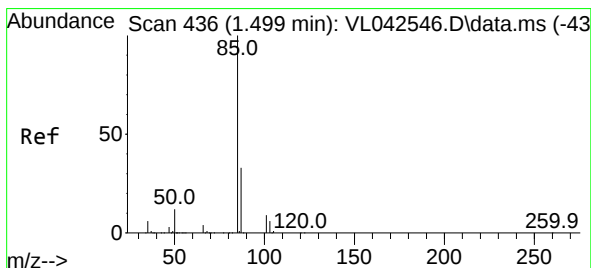
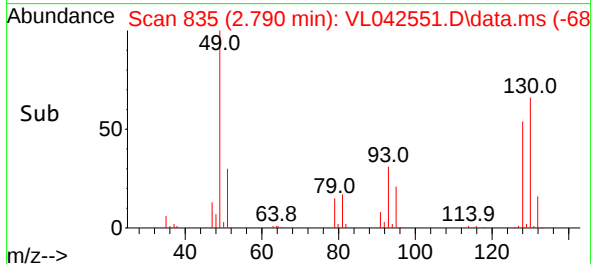
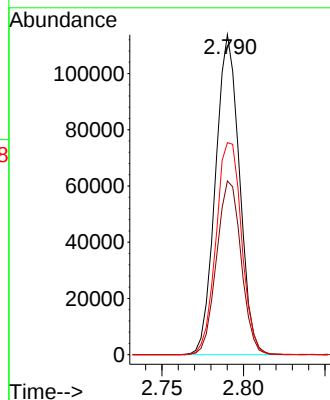
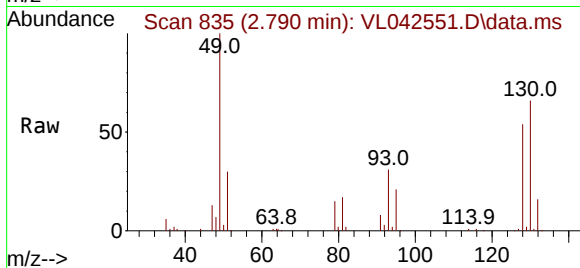
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

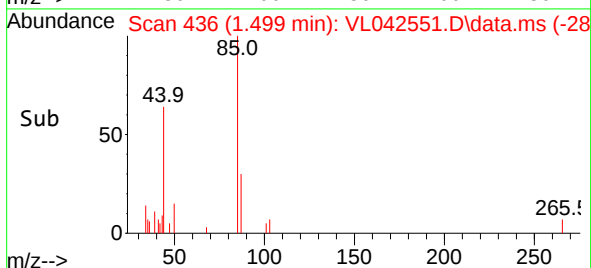
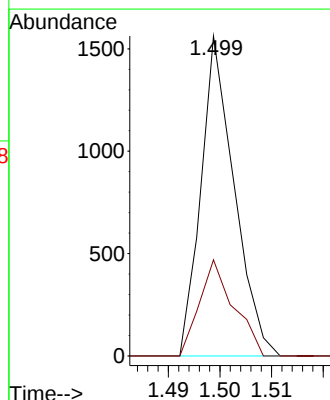
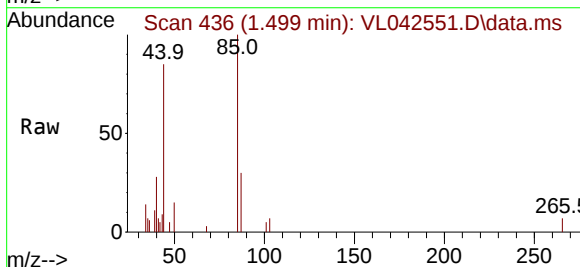
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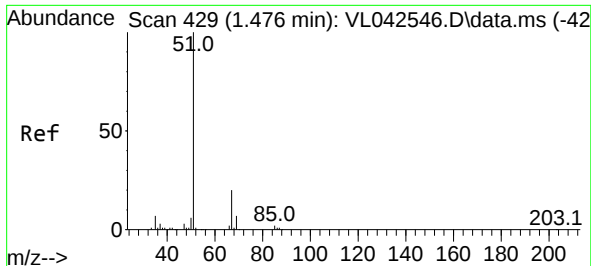
Tgt Ion: 49 Resp: 116301
Ion Ratio Lower Upper
49 100
128 55.7 28.6 85.8
130 70.8 36.6 109.8



#2
Dichlorodifluoromethane
Concen: 0.032 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 85 Resp: 700
Ion Ratio Lower Upper
85 100
87 30.1 26.2 39.4

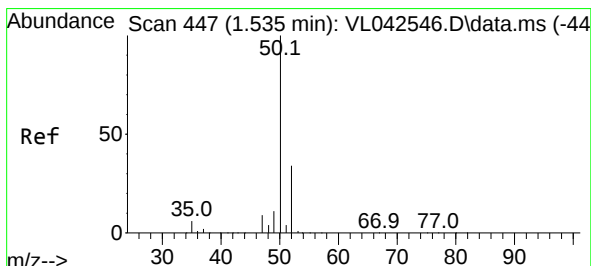
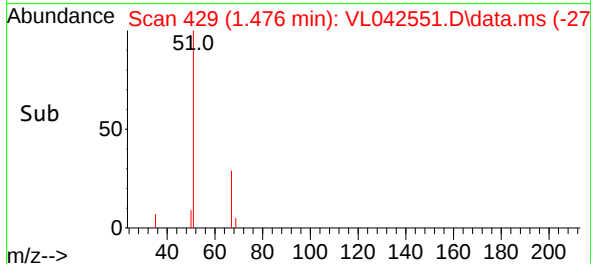
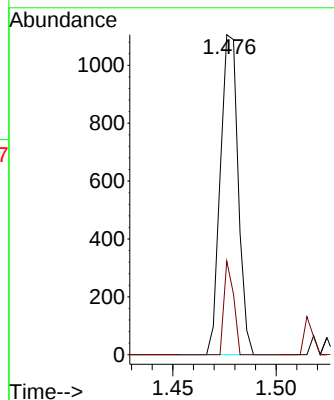
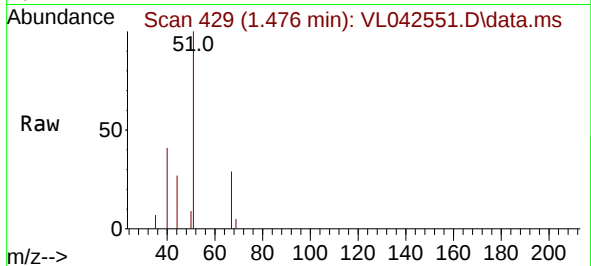




#3
Chlorodifluoromethane
Concen: 0.037 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

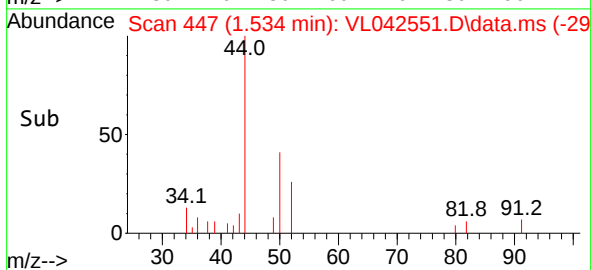
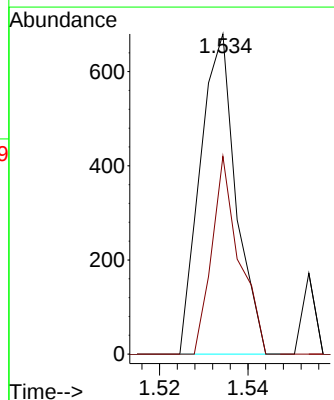
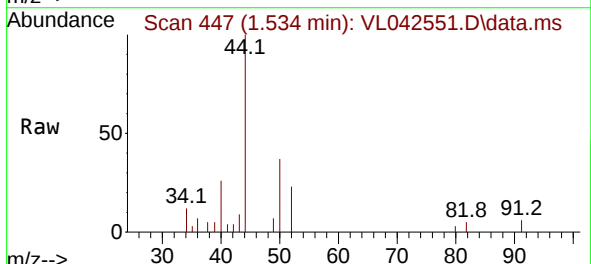
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ClientSampleId :
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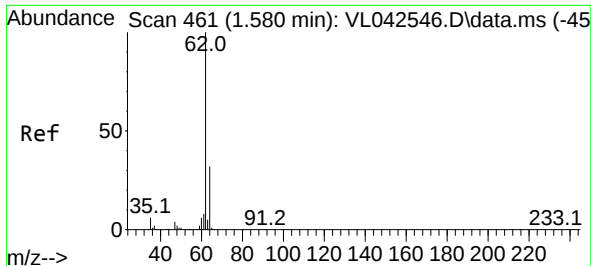
Tgt Ion: 51 Resp: 663
Ion Ratio Lower Upper
51 100
67 0.0 16.6 25.0#



#4
Chloromethane
Concen: 0.055 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 50 Resp: 382
Ion Ratio Lower Upper
50 100
52 61.8 26.9 40.3#

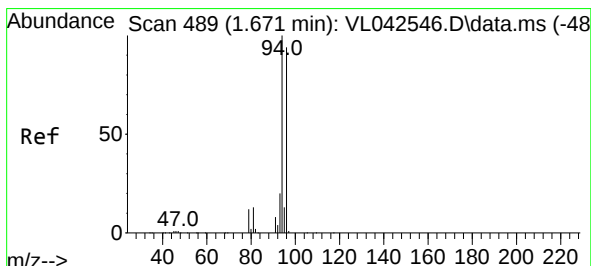
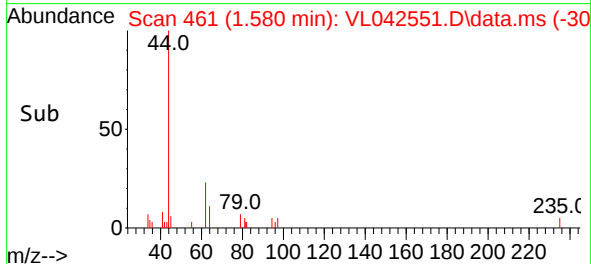
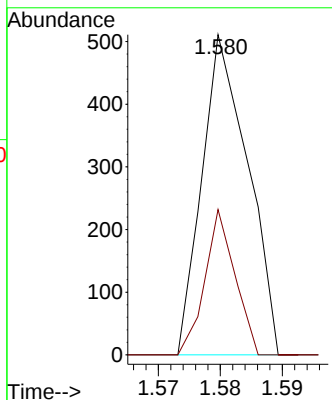
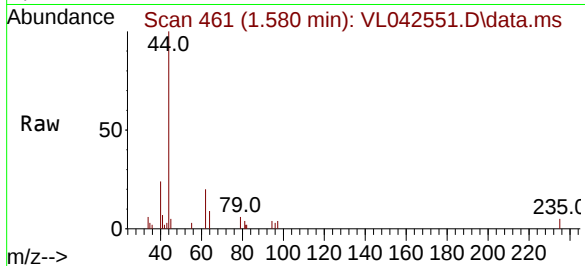




#5
 Vinyl Chloride
 Concen: 0.034 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042551.D
 Acq: 20 May 2025 11:54

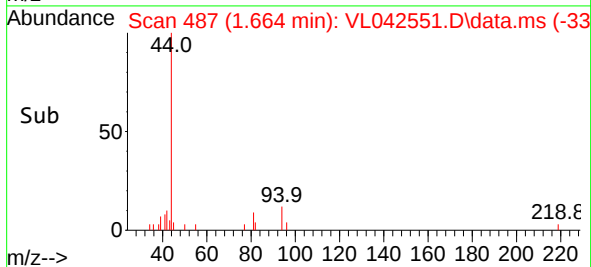
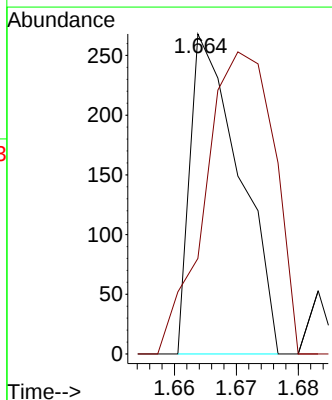
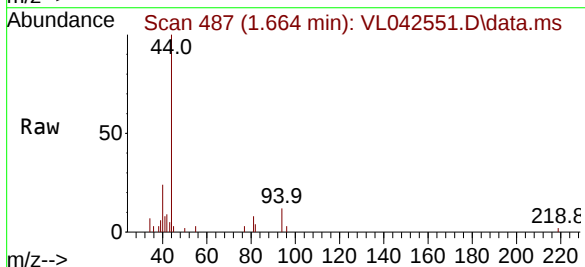
Instrument :
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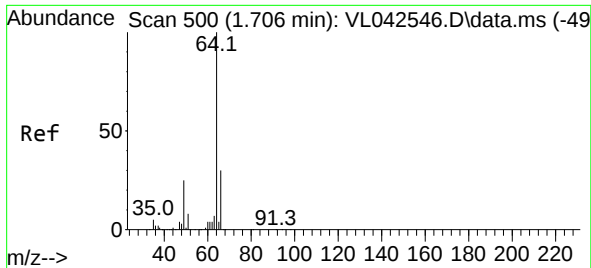
Tgt Ion: 62 Resp: 262
 Ion Ratio Lower Upper
 62 100
 64 45.4 25.7 38.5#



#6
 Bromomethane
 Concen: 0.034 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.007 min
 Lab File: VL042551.D
 Acq: 20 May 2025 11:54

Tgt Ion: 94 Resp: 149
 Ion Ratio Lower Upper
 94 100
 96 10.4 74.9 112.3#

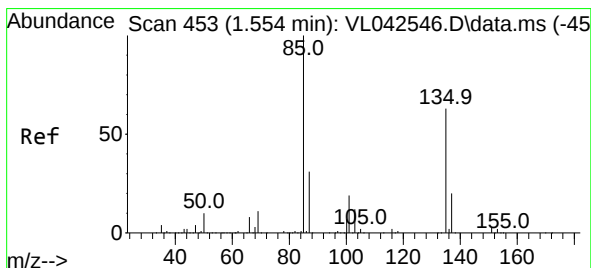
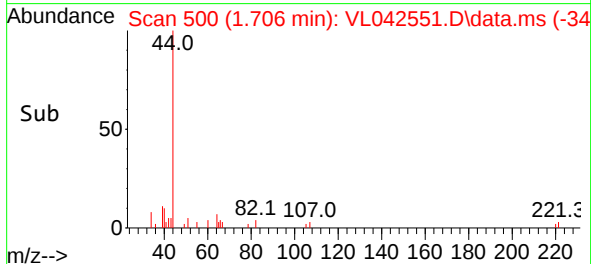
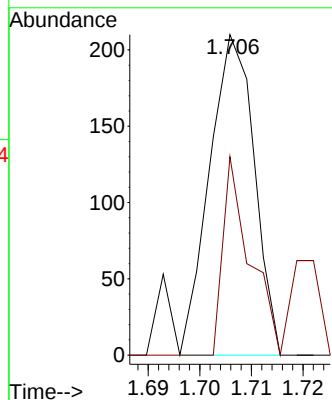
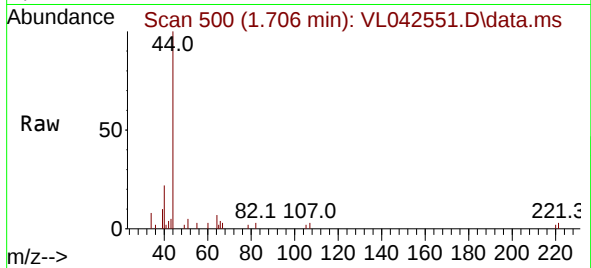




#7
Chloroethane
Concen: 0.041 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

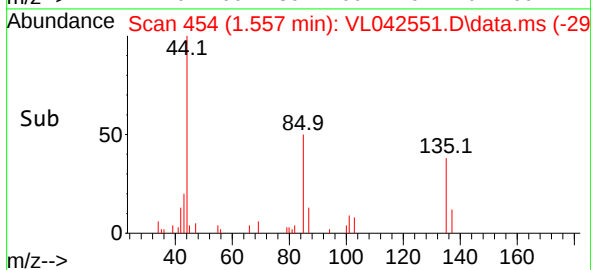
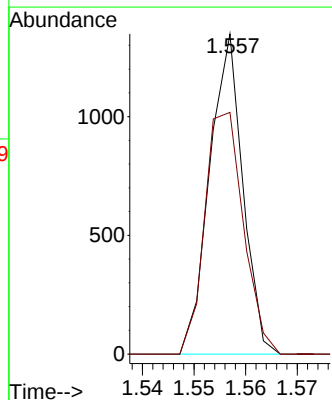
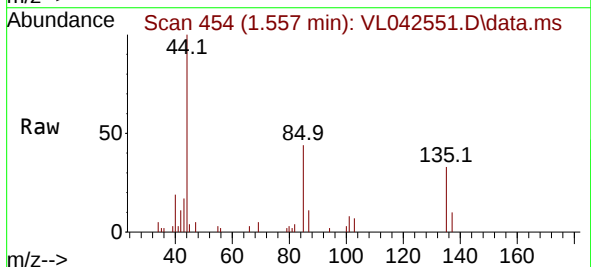
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ClientSampleId :
VSTDIC0.03

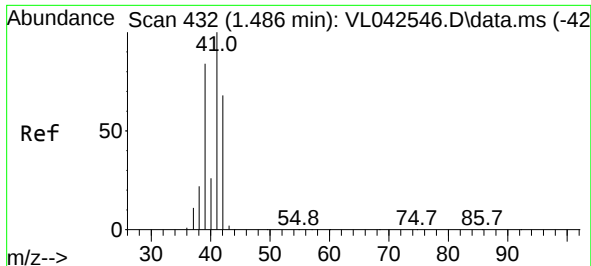
Tgt Ion: 64 Resp: 127
Ion Ratio Lower Upper
64 100
66 109.0 24.4 36.6#



#8
Dichlorotetrafluoroethane
Concen: 0.033 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 85 Resp: 602
Ion Ratio Lower Upper
85 100
135 88.4 57.2 85.8#





#9

Propene

Concen: 0.060 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

Instrument :

MSVOA_L

ClientSampleId :

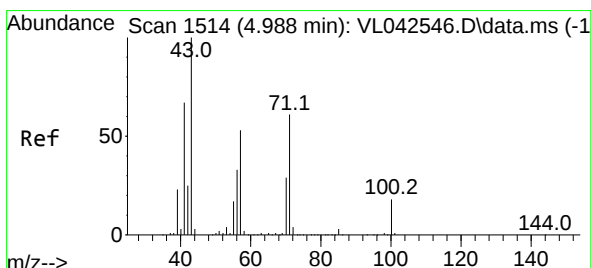
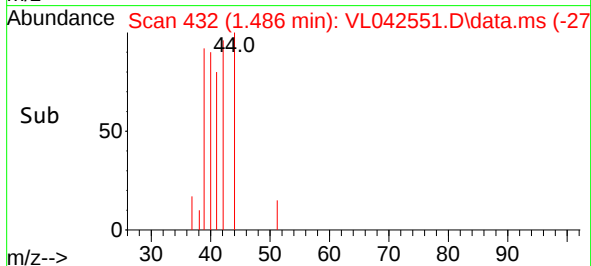
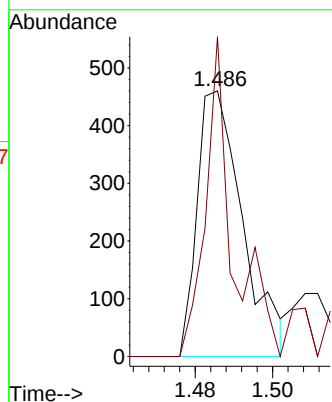
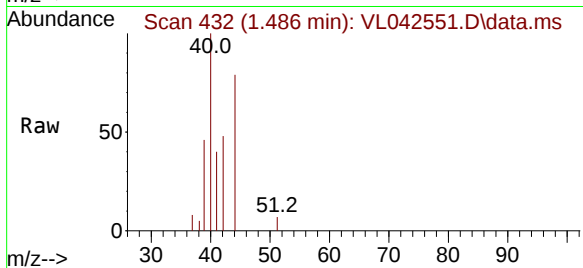
VSTDICC0.03

Tgt Ion: 41 Resp: 375

Ion Ratio Lower Upper

41 100

42 71.2 55.0 82.4



#10

Heptane

Concen: 0.010 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. -0.004 min

Lab File: VL042551.D

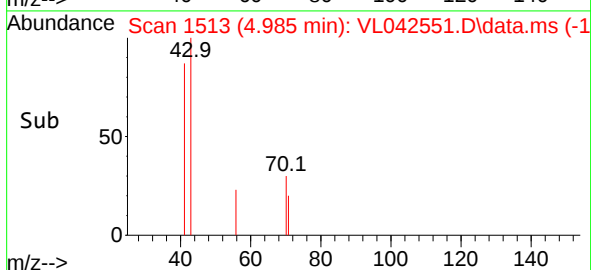
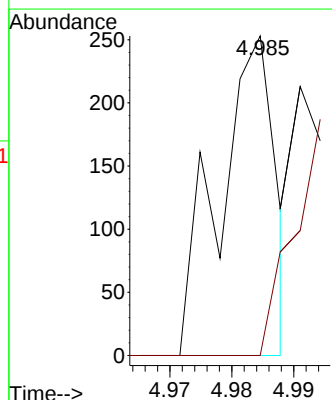
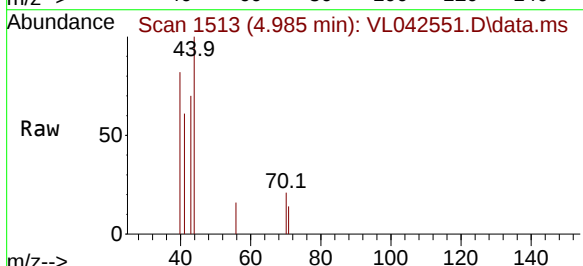
Acq: 20 May 2025 11:54

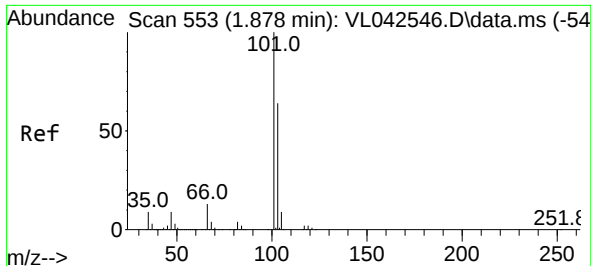
Tgt Ion: 43 Resp: 160

Ion Ratio Lower Upper

43 100

57 0.0 43.4 65.0#

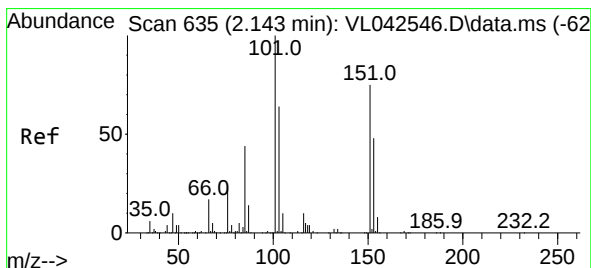
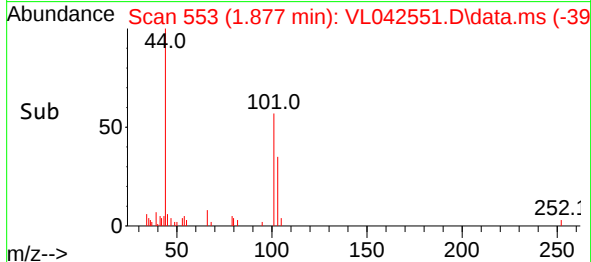
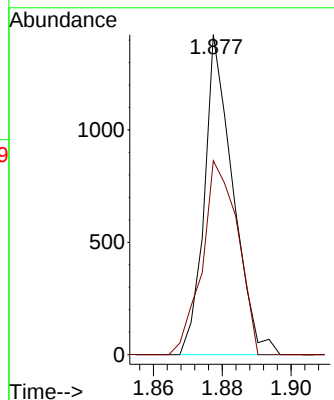
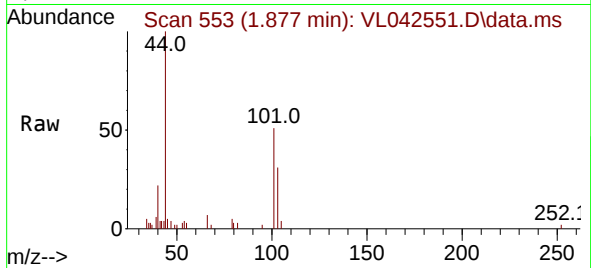




#11
 Trichlorofluoromethane
 Concen: 0.036 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042551.D
 Acq: 20 May 2025 11:54

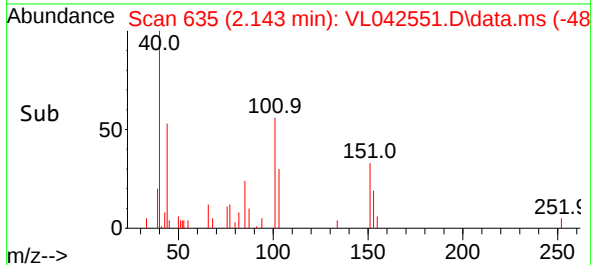
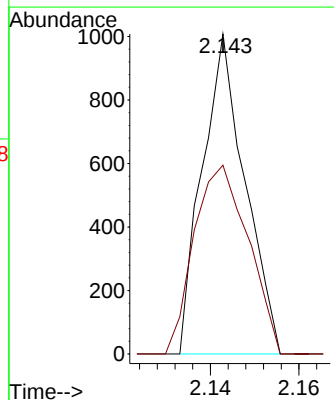
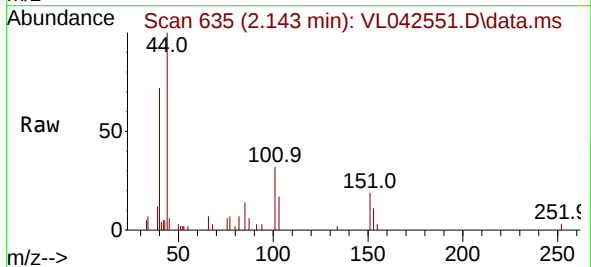
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

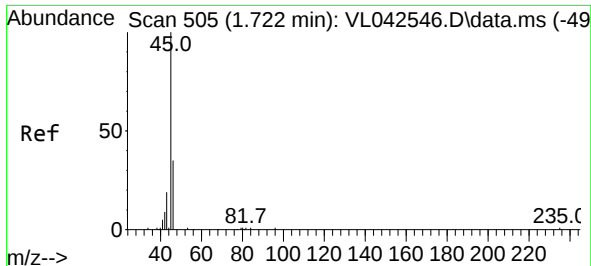
Tgt Ion:101 Resp: 819
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.037 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.000 min
 Lab File: VL042551.D
 Acq: 20 May 2025 11:54

Tgt Ion:101 Resp: 676
 Ion Ratio Lower Upper
 101 100
 151 74.9 59.5 89.3

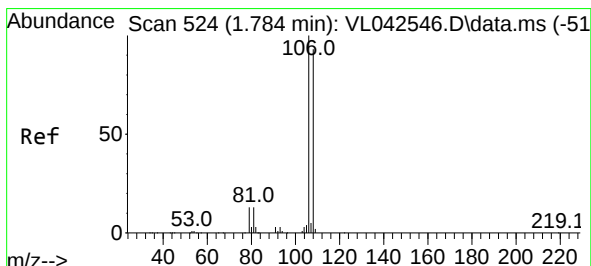
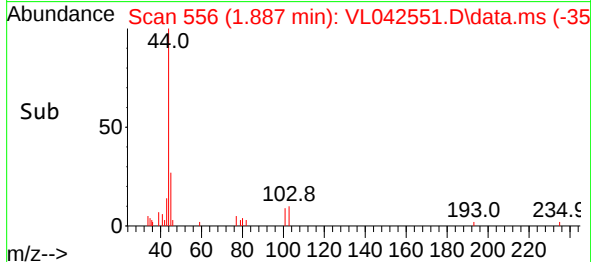
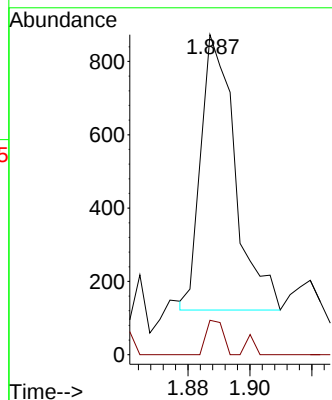
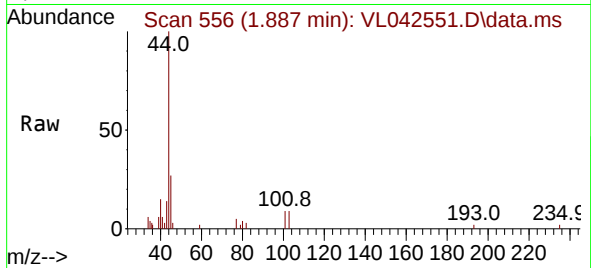




#13
Ethanol
Concen: 0.639 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.165 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

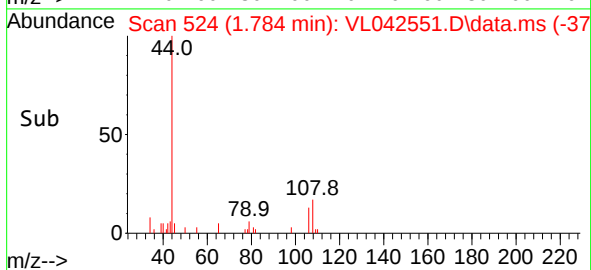
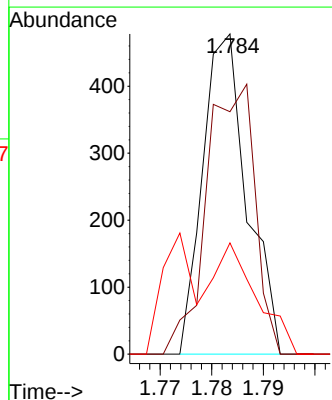
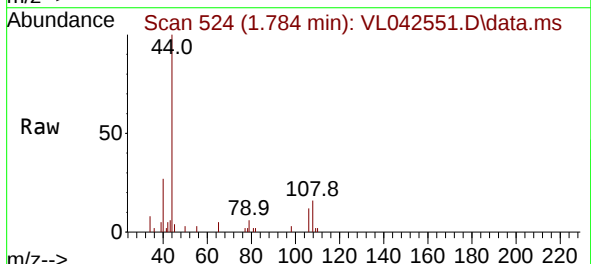
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

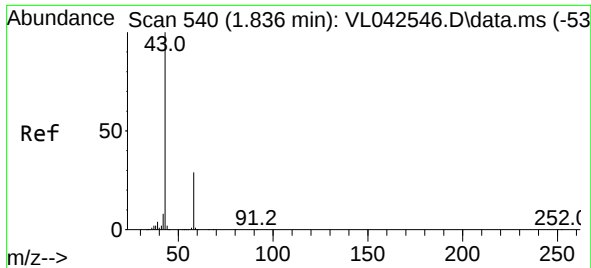
Tgt Ion: 45 Resp: 577
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.3#



#14
Bromoethene
Concen: 0.041 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 108 Resp: 286
Ion Ratio Lower Upper
108 100
106 92.0 86.4 129.6
79 60.8 11.9 17.9#

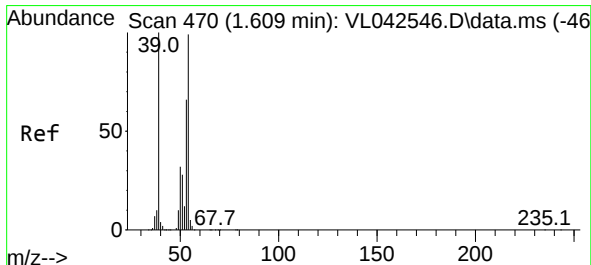
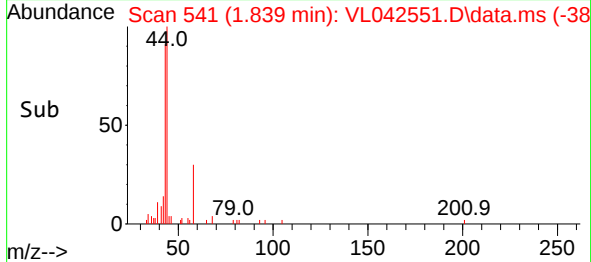
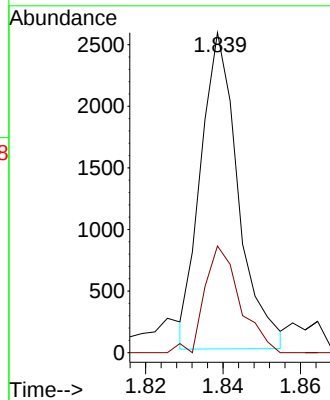
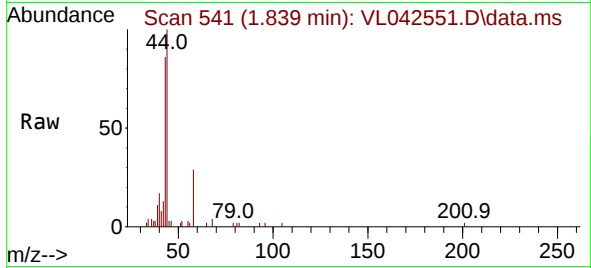




#15
Acetone
Concen: 0.107 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

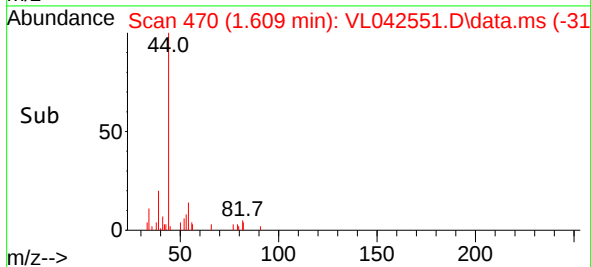
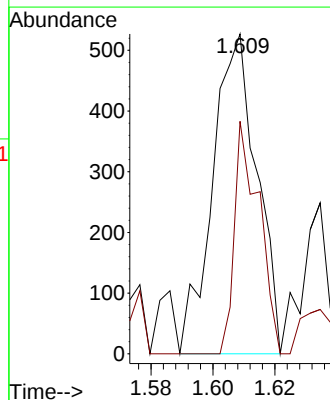
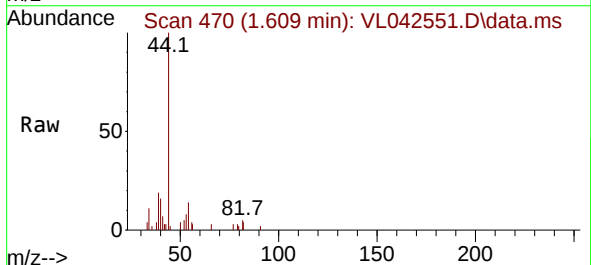
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

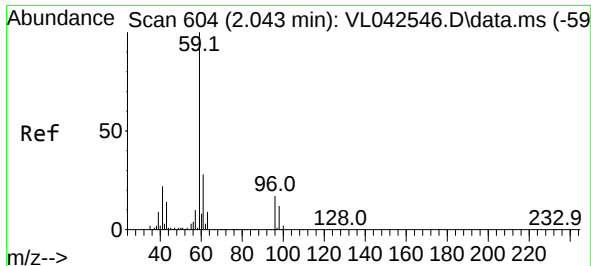
Tgt Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
58 31.7 24.2 36.2



#16
1,3-Butadiene
Concen: 0.079 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 39 Resp: 522
Ion Ratio Lower Upper
39 100
54 57.7 71.8 107.8#





#17

tert-Butyl alcohol

Concen: 0.038 ppbv

RT: 2.049 min Scan# 604

Delta R.T. 0.006 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

Instrument :

MSVOA_1

ClientSampleId :

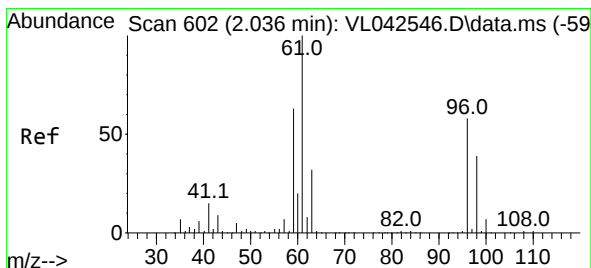
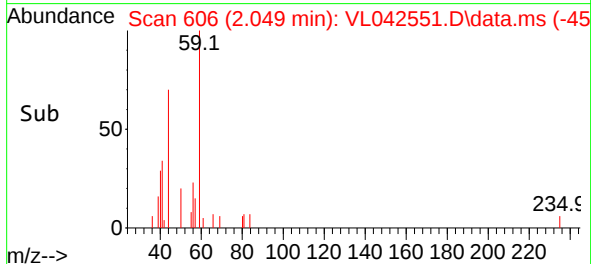
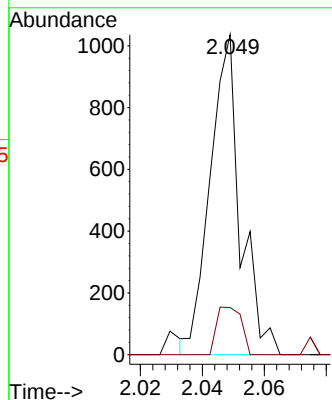
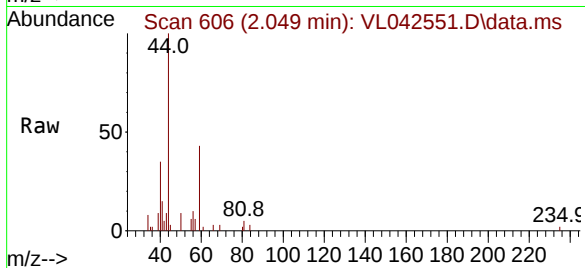
VSTDIC0.03

Tgt Ion: 59 Resp: 703

Ion Ratio Lower Upper

59 100

57 12.1 8.2 12.2



#18

1,1-Dichloroethene

Concen: 0.033 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.000 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

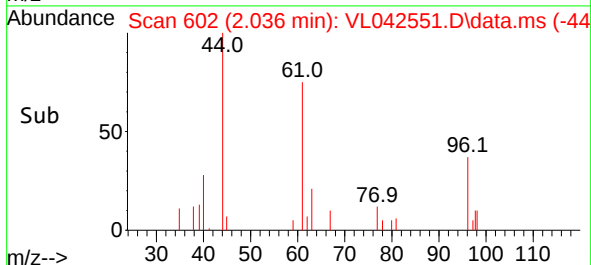
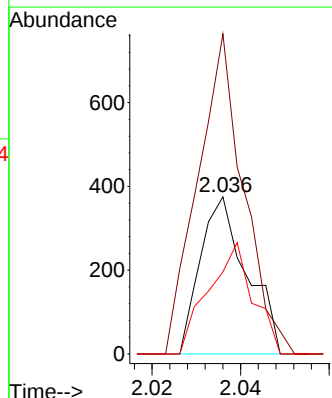
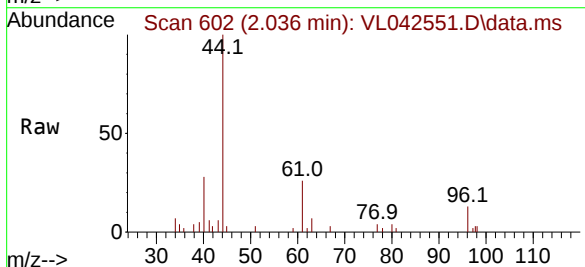
Tgt Ion: 96 Resp: 274

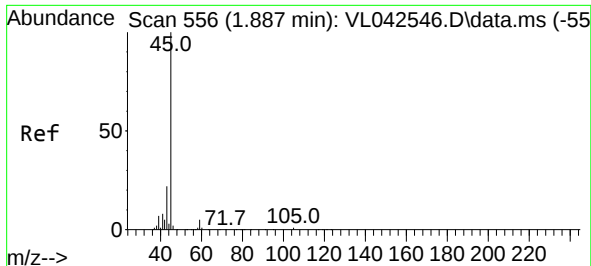
Ion Ratio Lower Upper

96 100

61 189.3 137.5 206.3

98 52.3 53.2 79.8#

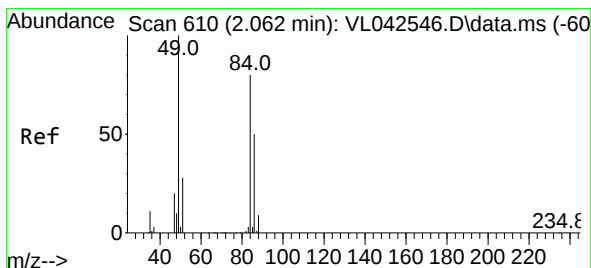
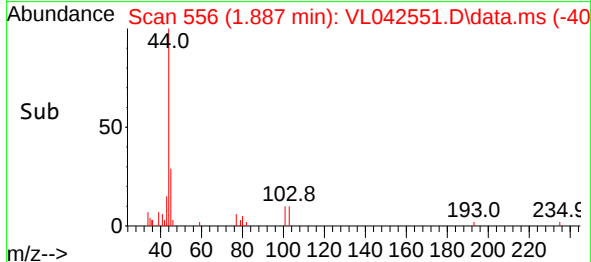
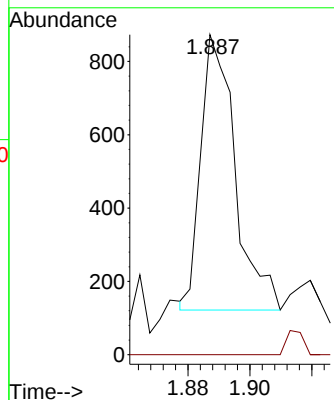
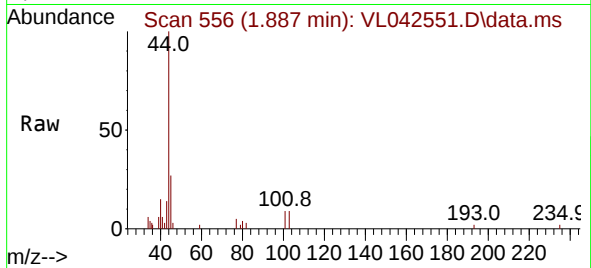




#19
Isopropyl Alcohol
Concen: 0.063 ppbv
RT: 1.887 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

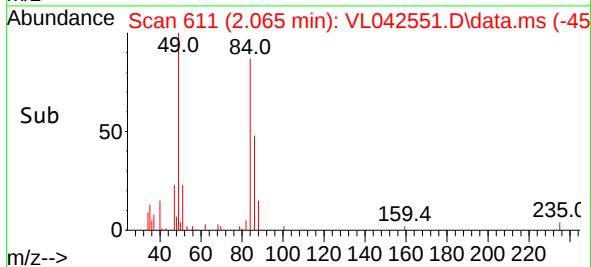
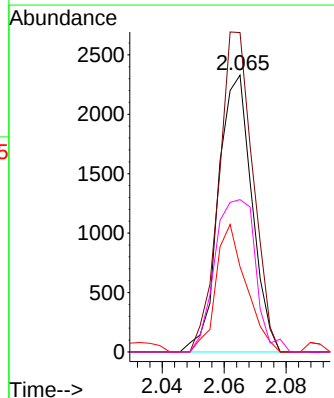
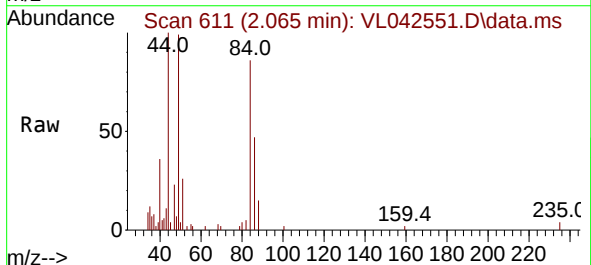
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

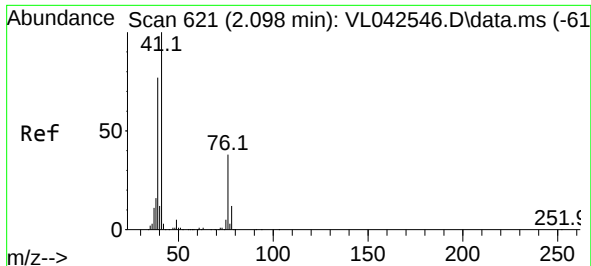
Tgt Ion: 45 Resp: 577
Ion Ratio Lower Upper
45 100
58 95.1 35.3 52.9#



#20
Methylene Chloride
Concen: 0.223 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 84 Resp: 1749
Ion Ratio Lower Upper
84 100
49 115.4 99.7 149.5
51 30.7 29.7 44.5
86 55.0 49.7 74.5

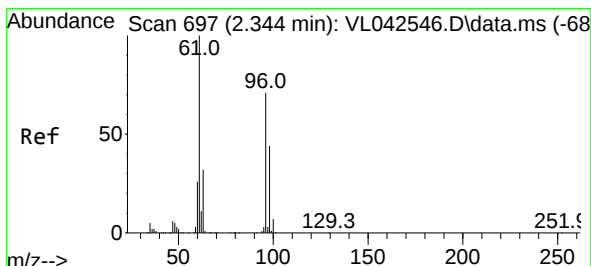
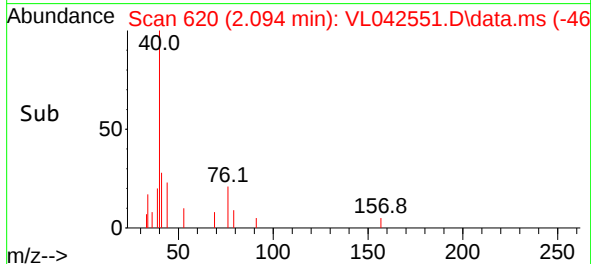
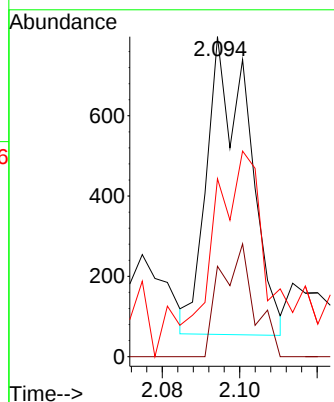
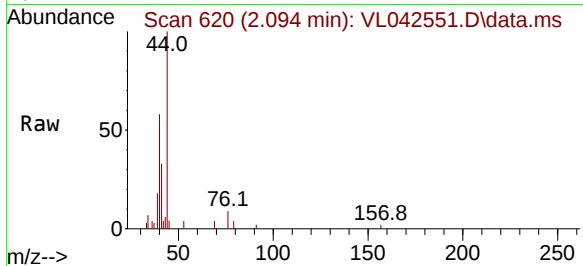




#21
 Allyl Chloride
 Concen: 0.054 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: VL042551.D
 Acq: 20 May 2025 11:54

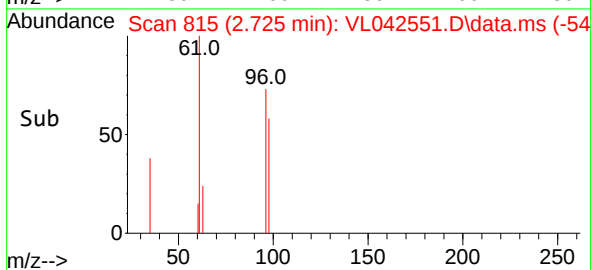
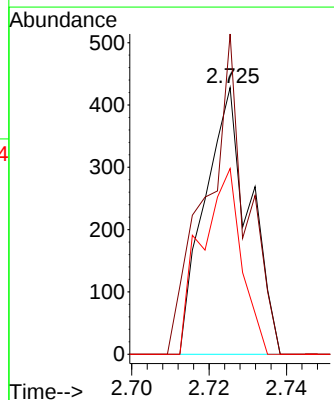
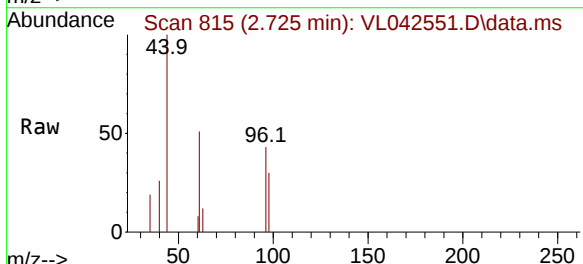
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

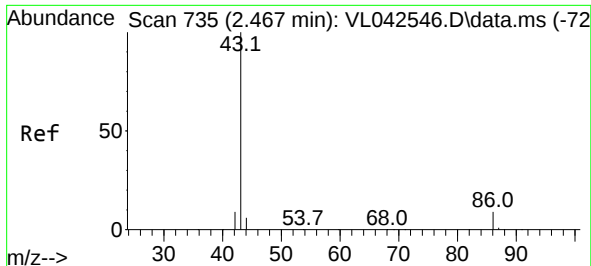
Tgt Ion: 41	Resp:	557
Ion	Ratio	Lower Upper
41	100	
76	30.5	30.2 45.4
39	100.7	62.5 93.7#



#22
 trans-1,2-Dichloroethene
 Concen: 0.037 ppbv
 RT: 2.725 min Scan# 815
 Delta R.T. 0.382 min
 Lab File: VL042551.D
 Acq: 20 May 2025 11:54

Tgt Ion: 96	Resp:	342
Ion	Ratio	Lower Upper
96	100	
61	120.1	112.5 168.7
98	69.6	49.0 73.4



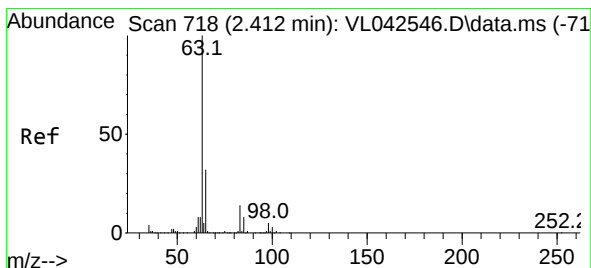
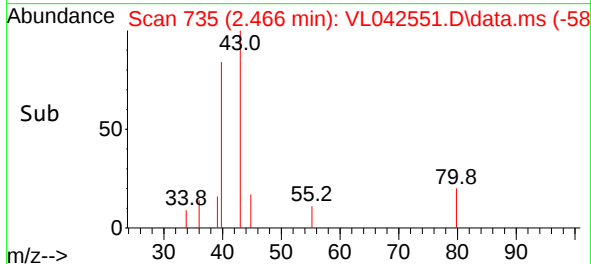
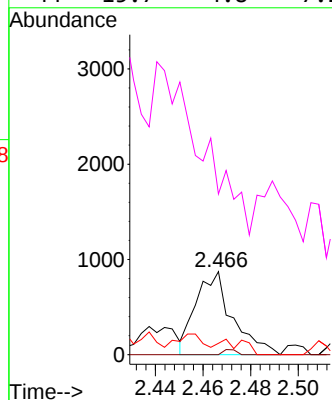
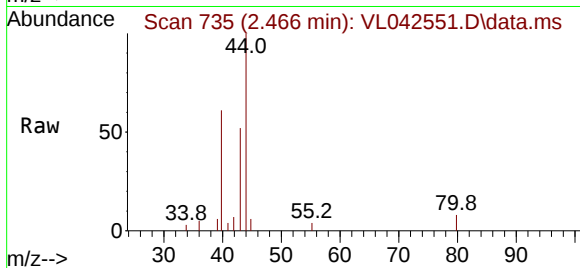


#23
 Vinyl Acetate
 Concen: 0.049 ppbv
 RT: 2.466 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042551.D
 Acq: 20 May 2025 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

Tgt Ion: 43 Resp: 929

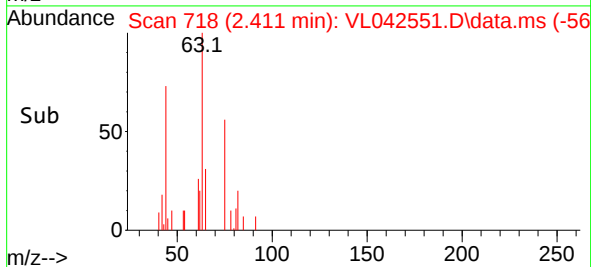
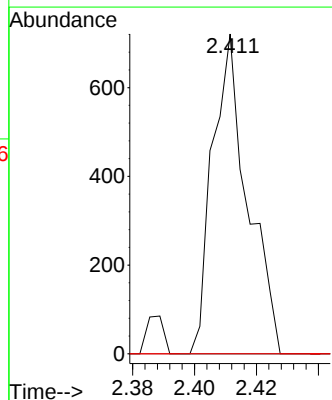
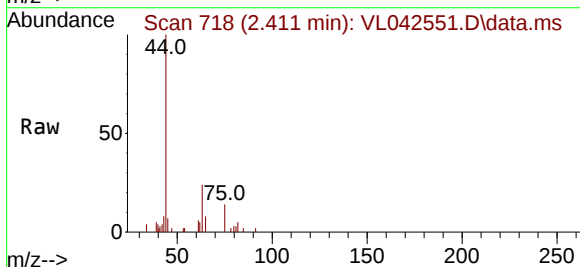
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.0	10.6#
42	13.7	7.4	11.2#
44	15.7	4.8	7.2#

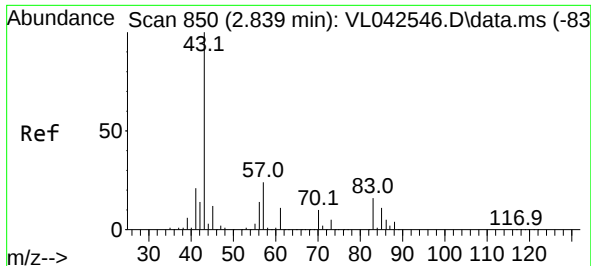


#24
 1,1-Dichloroethane
 Concen: 0.036 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042551.D
 Acq: 20 May 2025 11:54

Tgt Ion: 63 Resp: 567

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.6	7.8#
100	0.0	1.8	5.3#

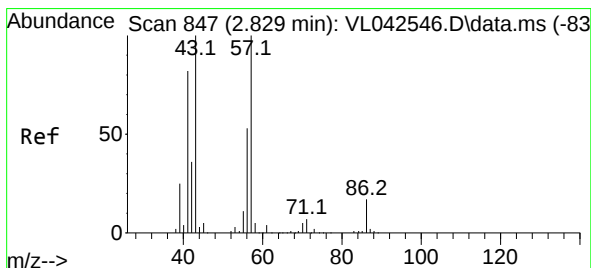
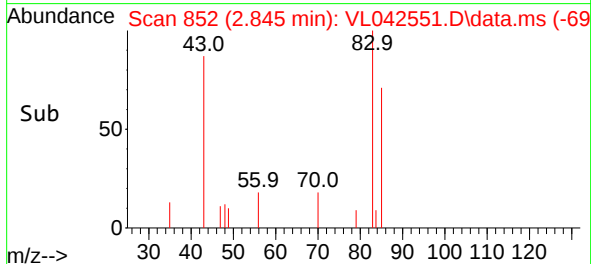
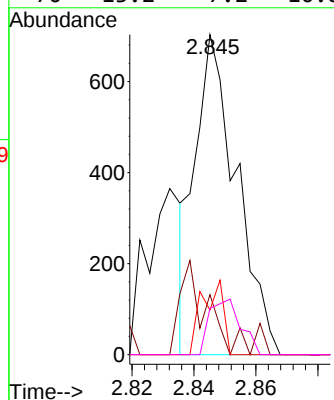
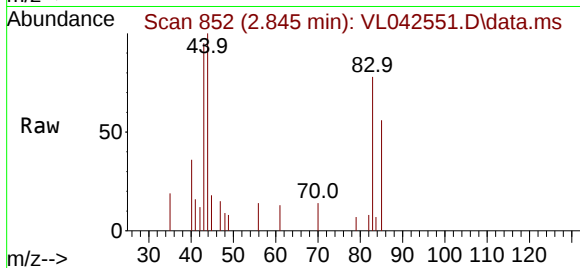




#25
Ethyl Acetate
Concen: 0.021 ppbv
RT: 2.845 min Scan# 852
Delta R.T. 0.006 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

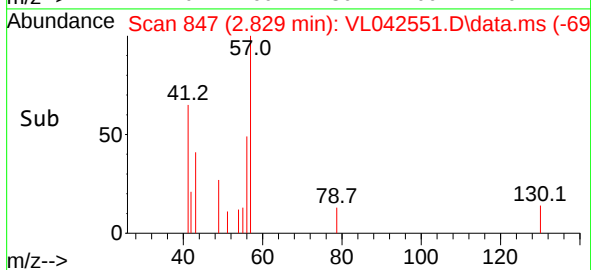
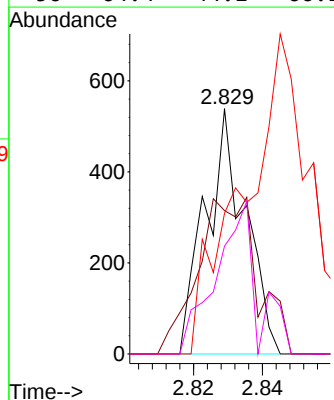
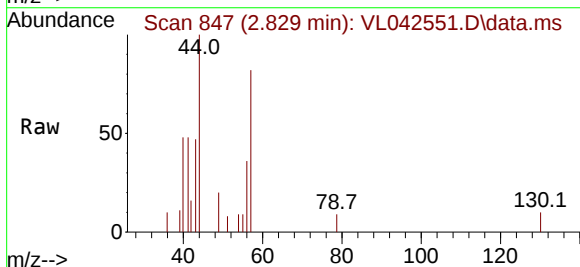
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

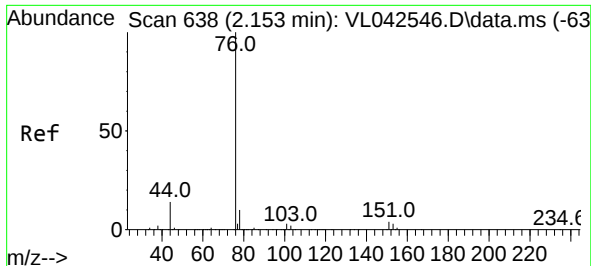
Tgt Ion: 43	Resp: 651
Ion Ratio	Lower Upper
43 100	
45 21.5	8.0 12.0#
61 12.0	7.5 11.3#
70 13.2	7.2 10.8#



#26
Hexane
Concen: 0.030 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 57	Resp: 432
Ion Ratio	Lower Upper
57 100	
41 95.1	69.0 103.4
43 219.9	174.2 261.2
56 64.4	44.1 66.1

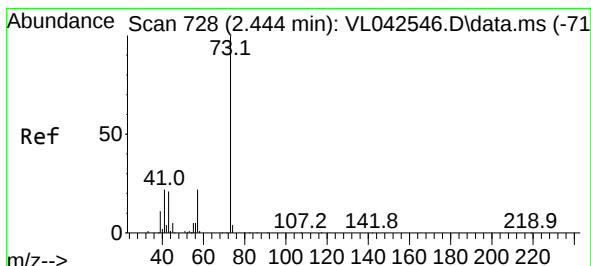
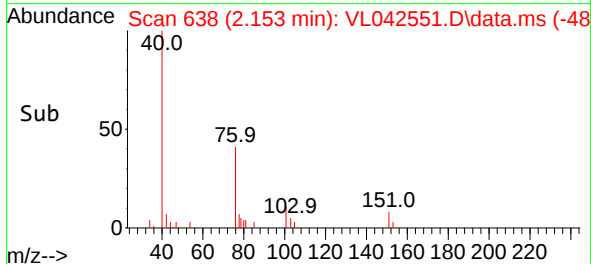
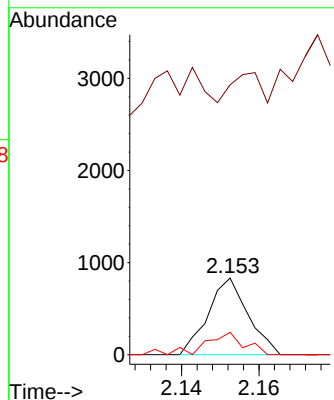
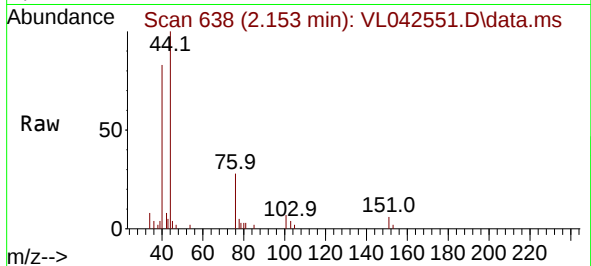




#27
Carbon Disulfide
Concen: 0.029 ppbv
RT: 2.153 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

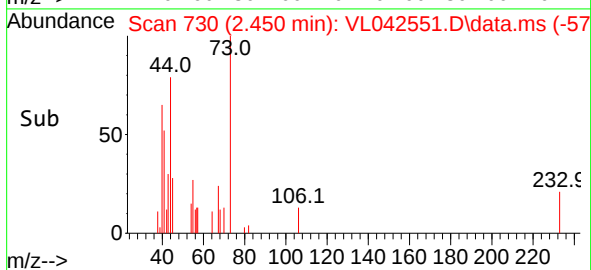
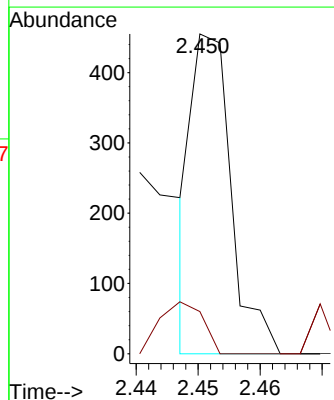
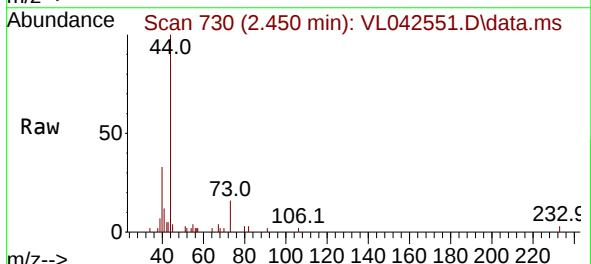
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

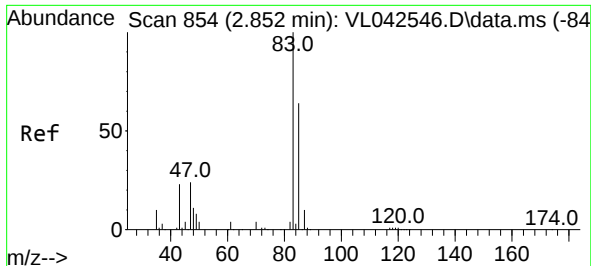
Tgt Ion: 76 Resp: 596
Ion Ratio Lower Upper
76 100
44 1074.2 14.0 21.0#
78 29.4 9.4 14.0#



#28
Methyl tert-Butyl Ether
Concen: 0.021 ppbv
RT: 2.450 min Scan# 730
Delta R.T. 0.006 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 73 Resp: 199
Ion Ratio Lower Upper
73 100
57 18.1 17.2 25.8





#29

Chloroform

Concen: 0.036 ppbv

RT: 2.855 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

Instrument :

MSVOA_L

ClientSampleId :

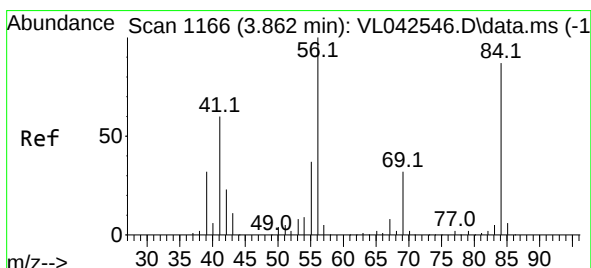
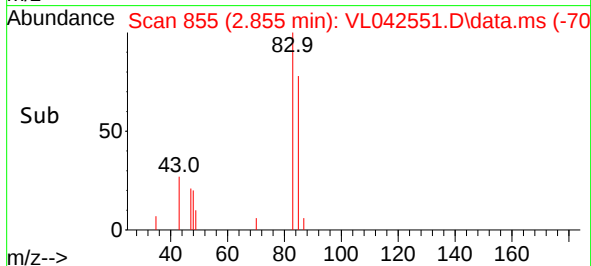
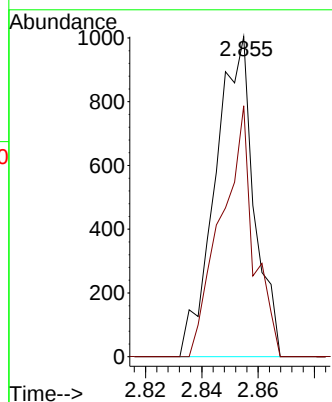
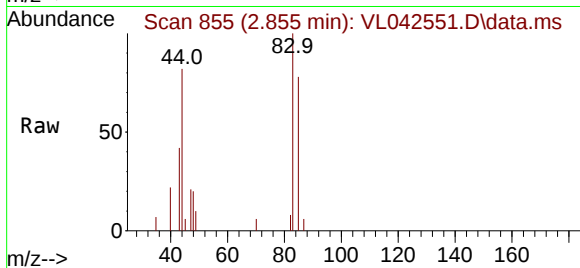
VSTDIC0.03

Tgt Ion: 83 Resp: 960

Ion Ratio Lower Upper

83 100

85 78.4 51.6 77.4#



#30

Cyclohexane

Concen: 0.004 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

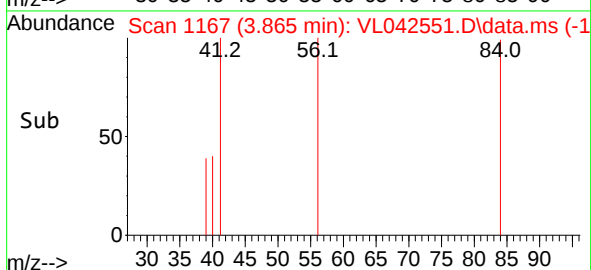
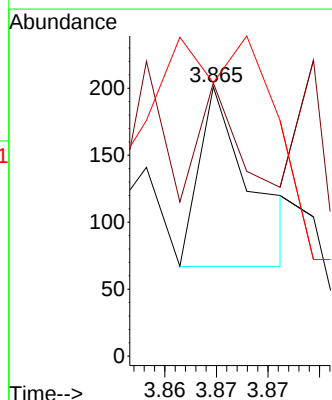
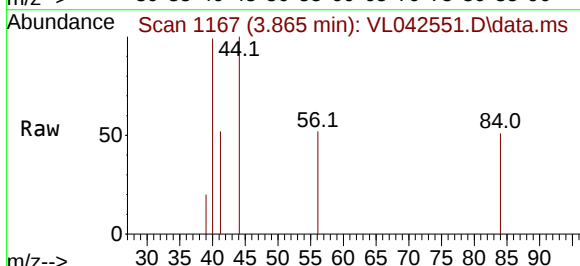
Tgt Ion: 84 Resp: 47

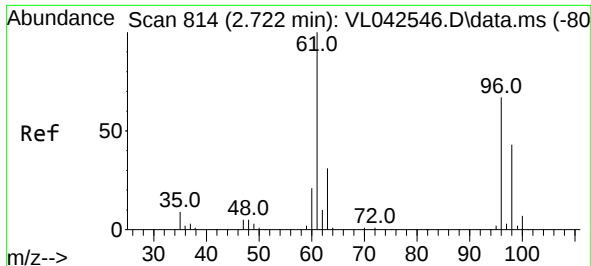
Ion Ratio Lower Upper

84 100

56 0.0 92.3 138.5#

41 661.7 57.0 85.4#

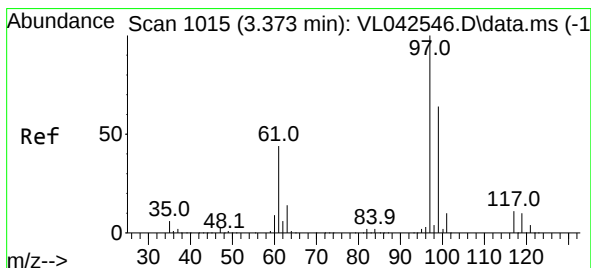
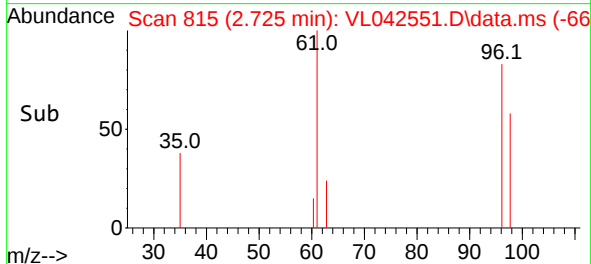
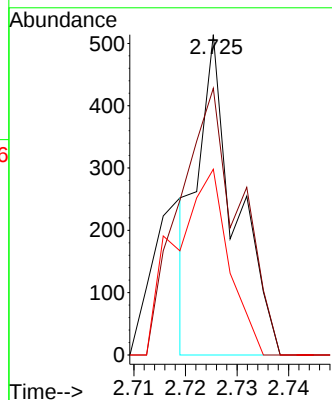
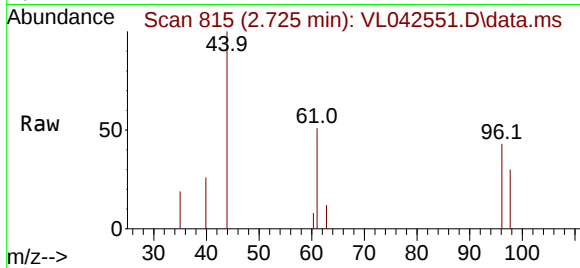




#31
 cis-1,2-Dichloroethene
 Concen: 0.016 ppbv
 RT: 2.725 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL042551.D
 Acq: 20 May 2025 11:54

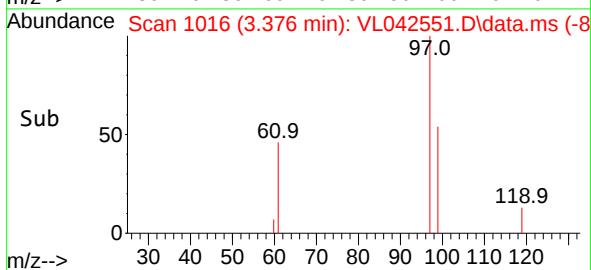
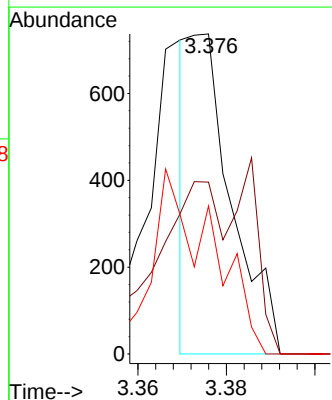
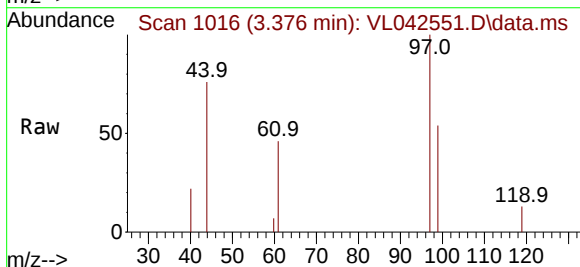
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

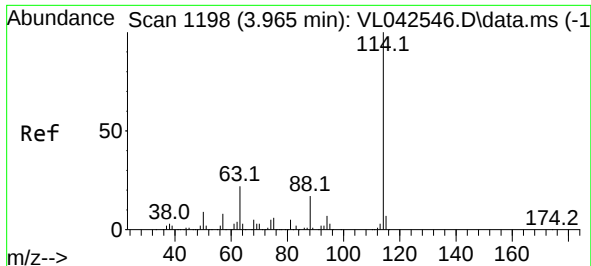
Tgt Ion: 61 Resp: 256
 Ion Ratio Lower Upper
 61 100
 96 83.3 53.8 80.8#
 98 58.0 34.5 51.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.018 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.003 min
 Lab File: VL042551.D
 Acq: 20 May 2025 11:54

Tgt Ion: 97 Resp: 494
 Ion Ratio Lower Upper
 97 100
 99 122.7 51.5 77.3#
 61 83.8 35.7 53.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.000 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

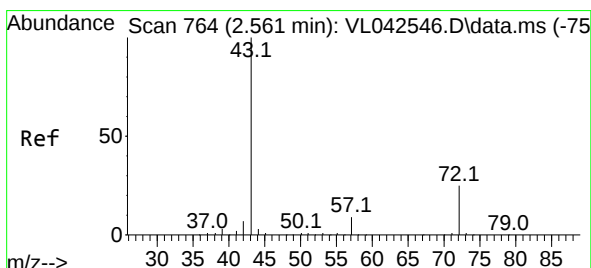
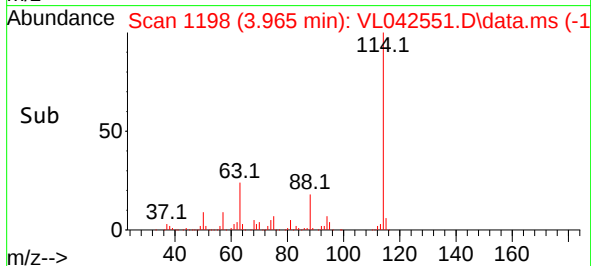
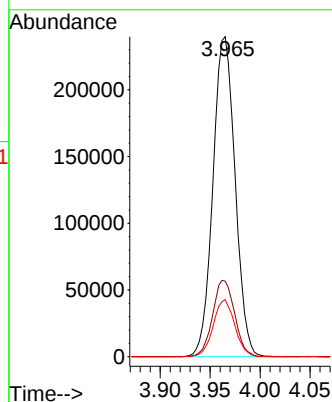
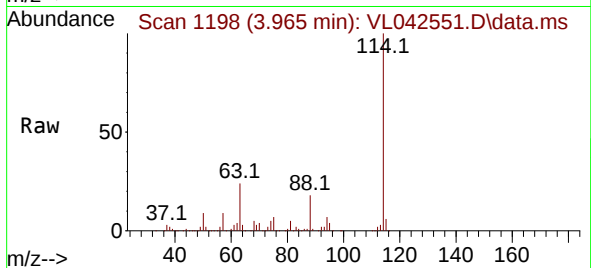
Tgt Ion:114 Resp: 369679

Ion Ratio Lower Upper

114 100

63 23.8 18.4 27.6

88 17.3 14.0 21.0



#34

2-Butanone

Concen: 0.047 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.006 min

Lab File: VL042551.D

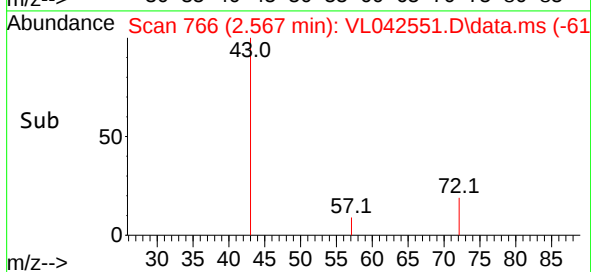
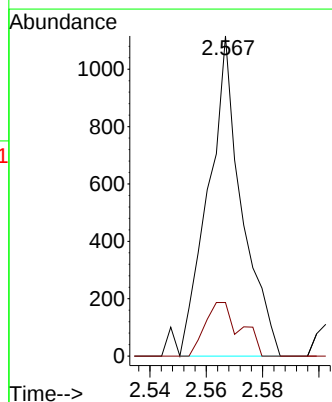
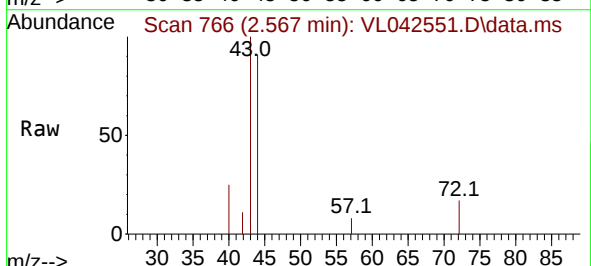
Acq: 20 May 2025 11:54

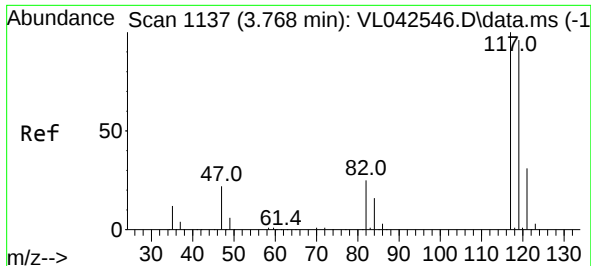
Tgt Ion: 43 Resp: 917

Ion Ratio Lower Upper

43 100

72 17.8 20.5 30.7#

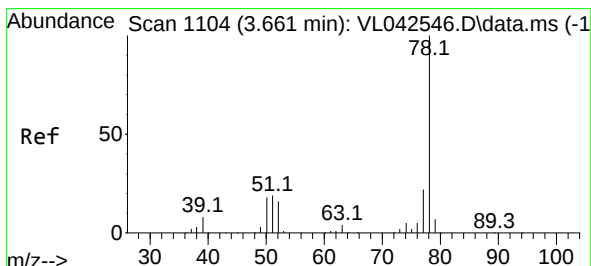
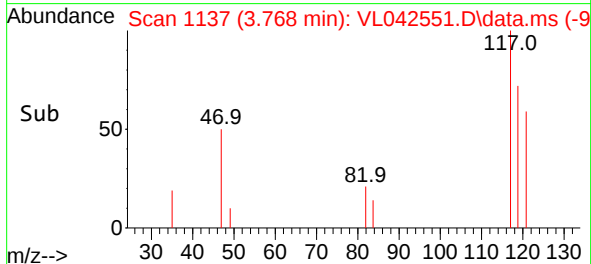
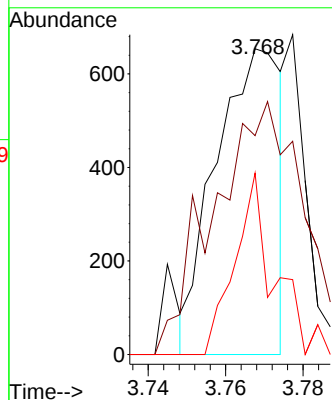
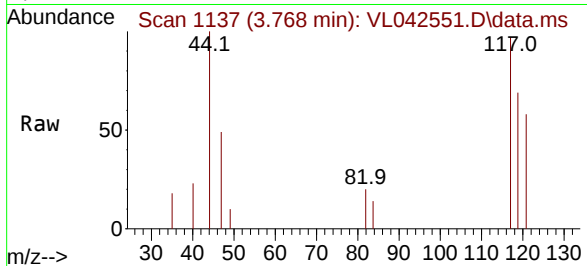




#35
Carbon Tetrachloride
Concen: 0.027 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

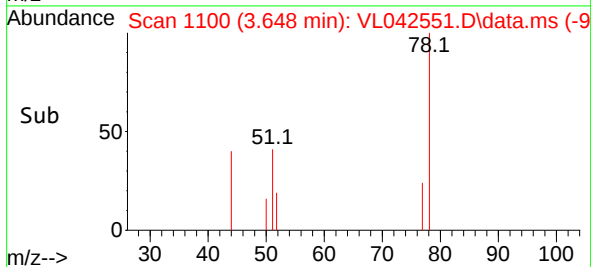
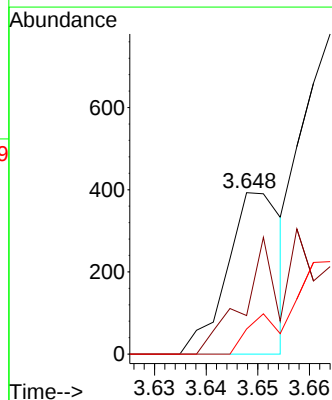
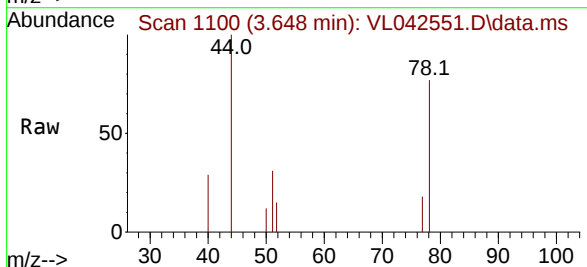
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

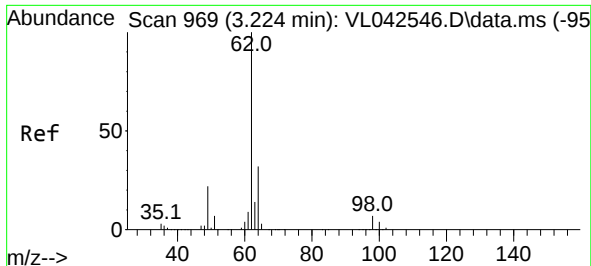
Tgt Ion:117 Resp: 764
Ion Ratio Lower Upper
117 100
119 67.7 76.6 114.8#
121 68.6 24.7 37.1#



#36
Benzene
Concen: 0.010 ppbv
RT: 3.648 min Scan# 1100
Delta R.T. -0.013 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 78 Resp: 288
Ion Ratio Lower Upper
78 100
77 23.9 17.8 26.6
50 15.5 14.0 21.0

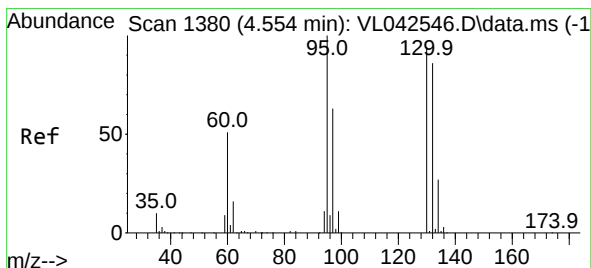
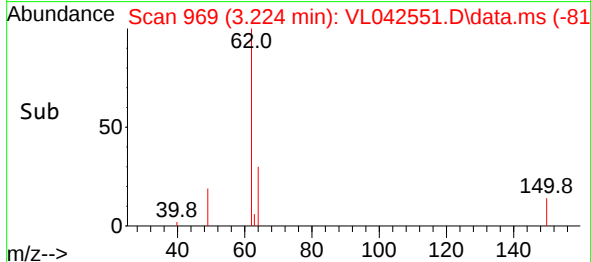
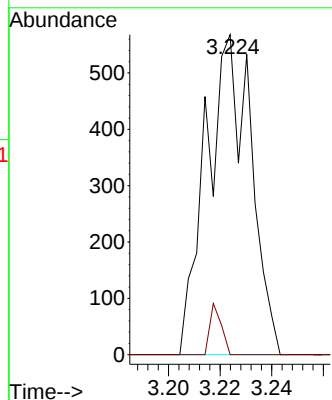
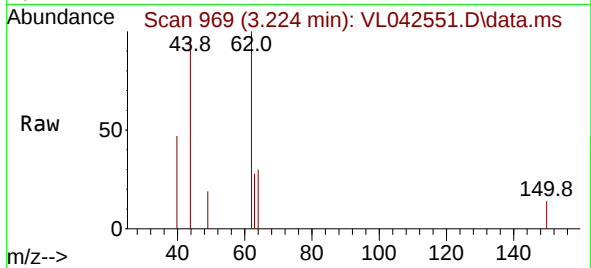




#37
1,2-Dichloroethane
Concen: 0.037 ppbv
RT: 3.224 min Scan# 969
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

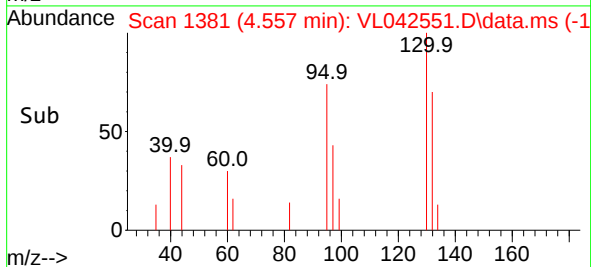
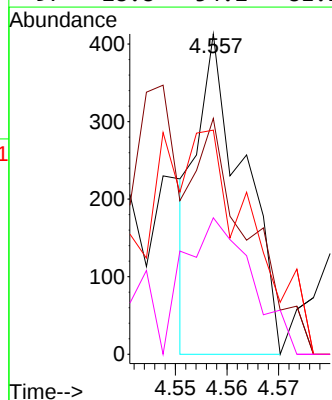
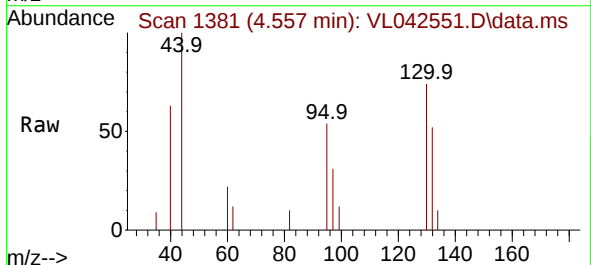
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

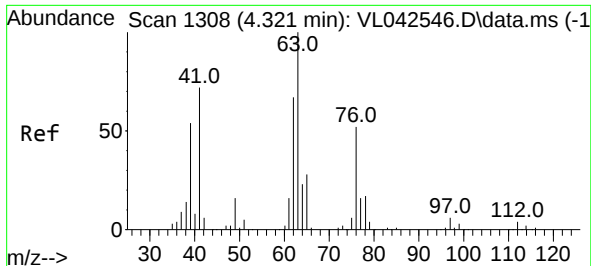
Tgt Ion: 62 Resp: 681
Ion Ratio Lower Upper
62 100
98 4.1 5.5 8.3#



#38
Trichloroethene
Concen: 0.019 ppbv
RT: 4.557 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 130 Resp: 259
Ion Ratio Lower Upper
130 100
95 59.8 85.2 127.8#
132 53.8 73.4 110.2#
97 28.8 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 8.373 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.360 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.03

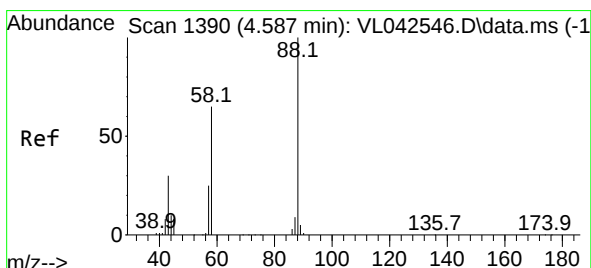
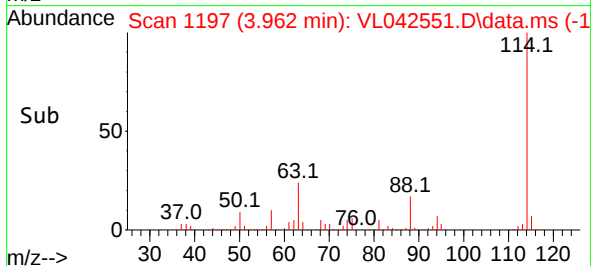
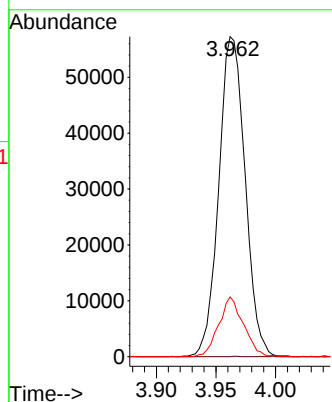
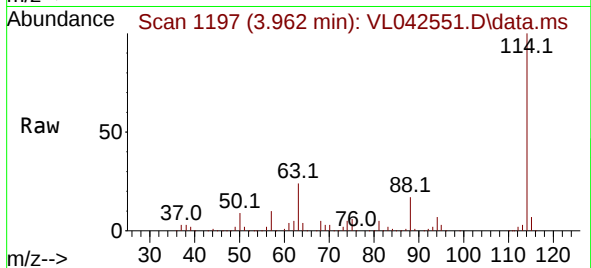
Tgt Ion: 63 Resp: 87917

Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

62 18.6 53.3 79.9#



#40

1,4-Dioxane

Concen: 0.013 ppbv

RT: 4.629 min Scan# 1403

Delta R.T. 0.042 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

Tgt Ion: 88 Resp: 63

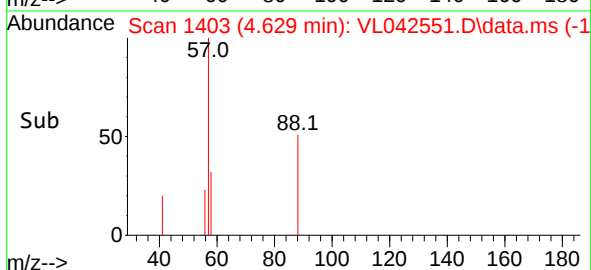
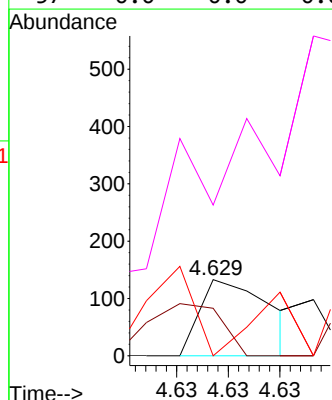
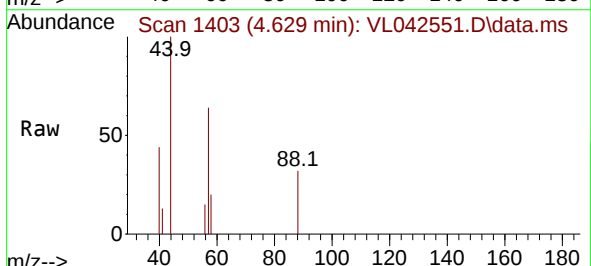
Ion Ratio Lower Upper

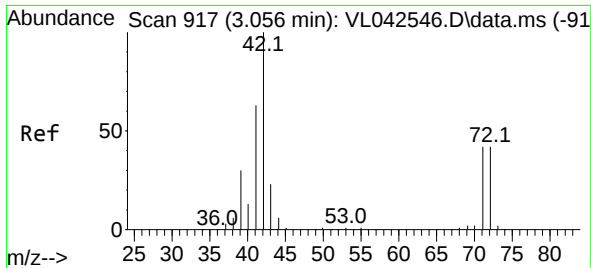
88 100

58 0.0 52.8 79.2#

43 104.8 23.0 34.4#

57 0.0 0.0 0.0

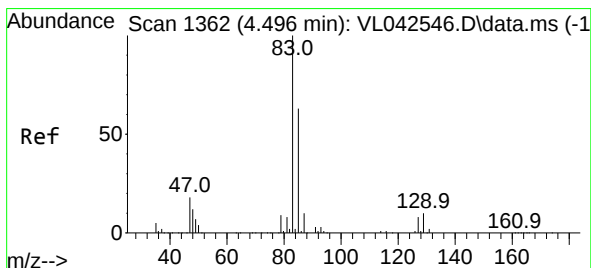
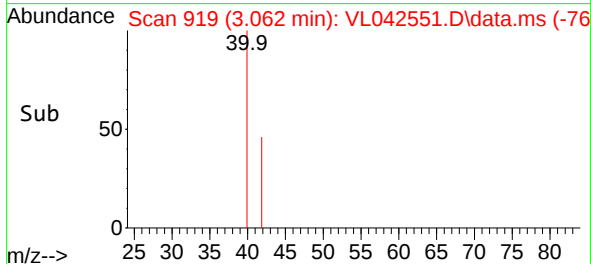
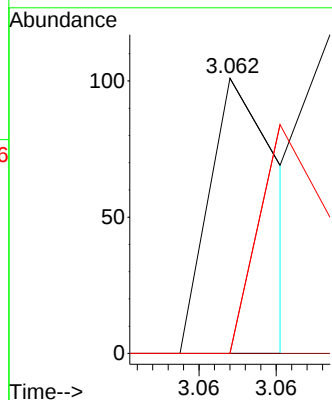
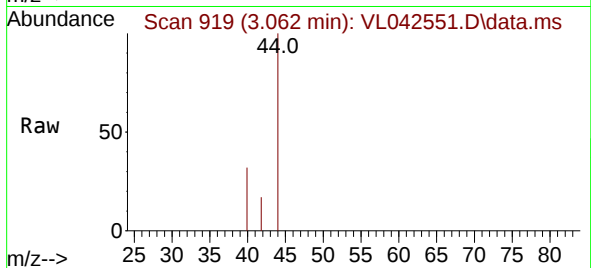




#41
Tetrahydrofuran
Concen: 0.003 ppbv
RT: 3.062 min Scan# 917
Delta R.T. 0.006 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

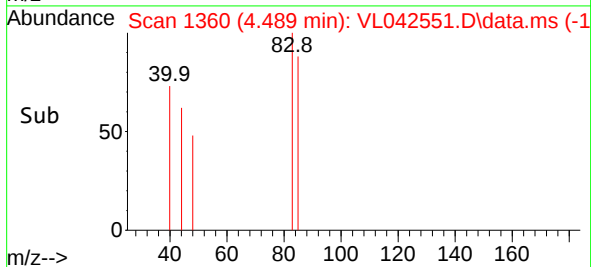
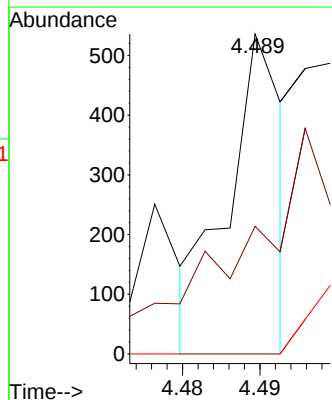
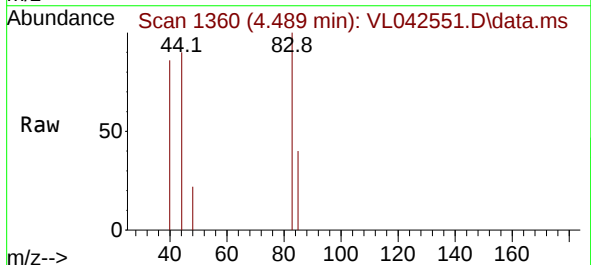
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

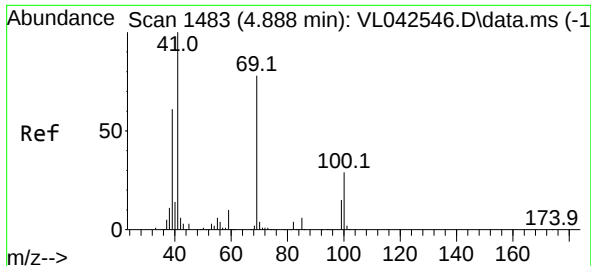
Tgt Ion: 42 Resp: 33
Ion Ratio Lower Upper
42 100
72 0.0 34.8 52.2#
71 0.0 33.6 50.4#



#42
Bromodichloromethane
Concen: 0.010 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. -0.007 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 83 Resp: 267
Ion Ratio Lower Upper
83 100
85 33.4 50.4 75.6#
127 0.0 6.5 9.7#

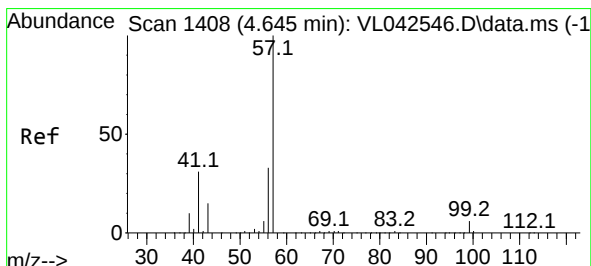
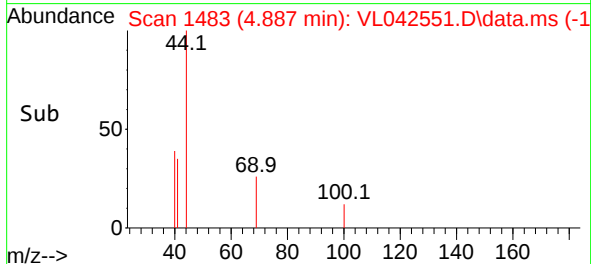
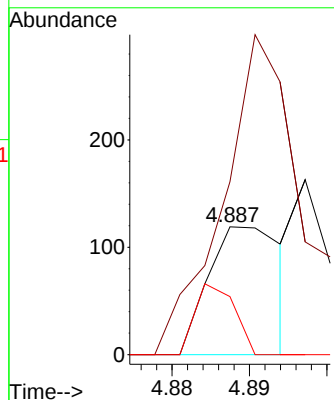
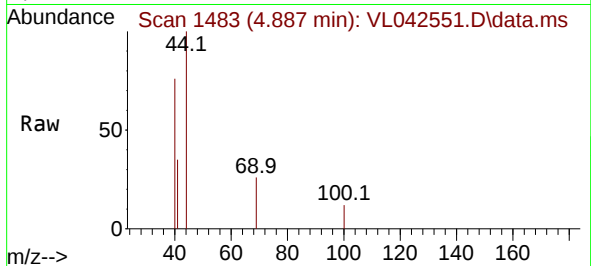




#43
Methyl Methacrylate
Concen: 0.008 ppbv
RT: 4.887 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

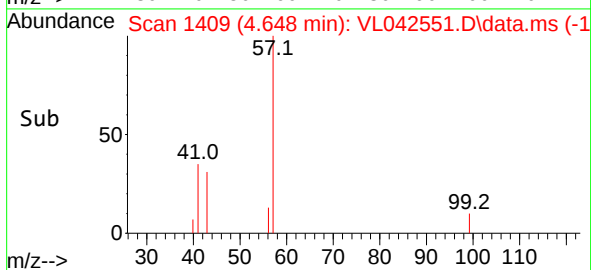
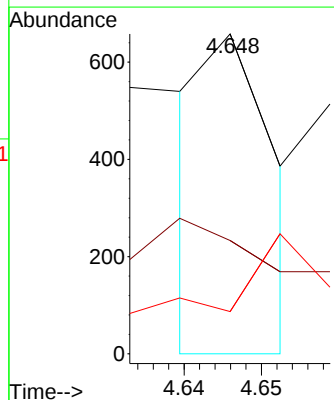
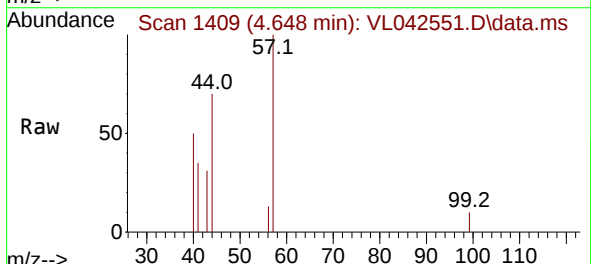
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

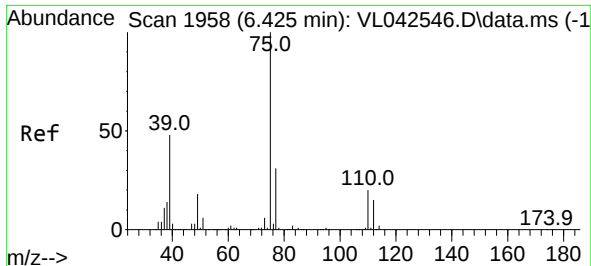
Tgt Ion: 69 Resp: 79
Ion Ratio Lower Upper
69 100
41 0.0 107.8 161.8#
100 29.1 30.3 45.5#



#44
2,2,4-Trimethylpentane
Concen: 0.004 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.003 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 57 Resp: 203
Ion Ratio Lower Upper
57 100
41 226.6 25.0 37.4#
56 0.0 25.1 37.7#

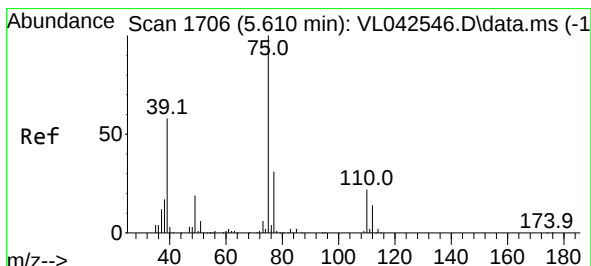
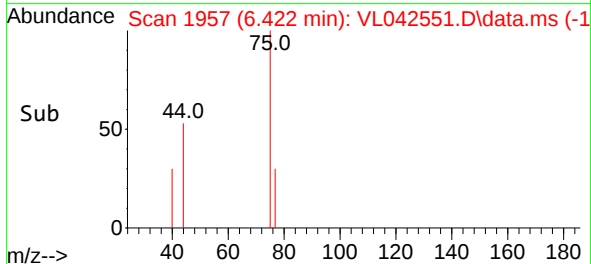
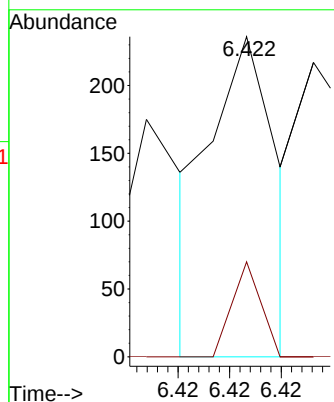
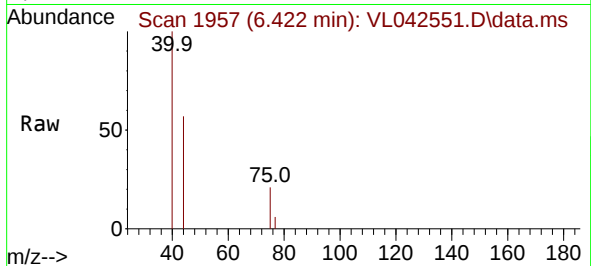




#45
t-1,3-Dichloropropene
Concen: 0.008 ppbv
RT: 6.422 min Scan# 1957
Delta R.T. -0.004 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

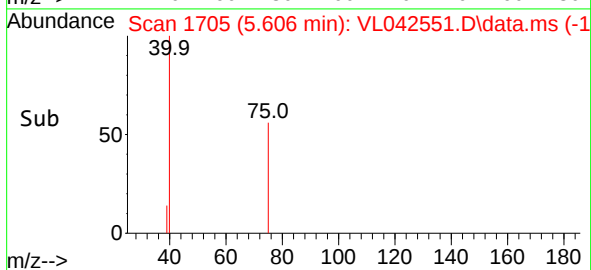
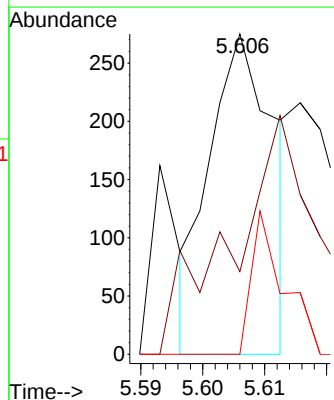
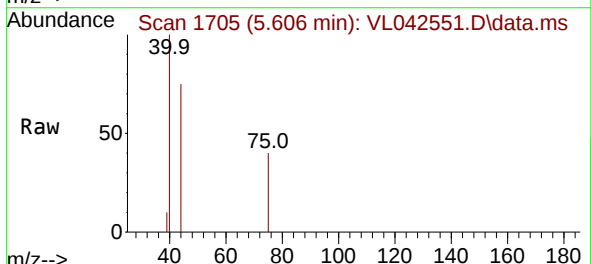
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

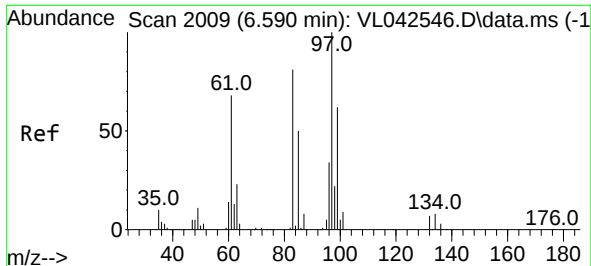
Tgt Ion: 75 Resp: 104
Ion Ratio Lower Upper
75 100
77 29.7 24.6 37.0



#46
cis-1,3-Dichloropropene
Concen: 0.013 ppbv
RT: 5.606 min Scan# 1705
Delta R.T. -0.004 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 75 Resp: 199
Ion Ratio Lower Upper
75 100
39 0.0 46.3 69.5#
77 0.0 25.0 37.6#

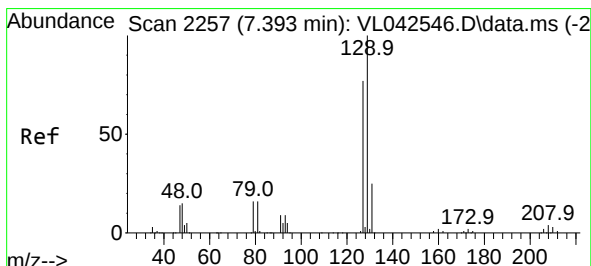
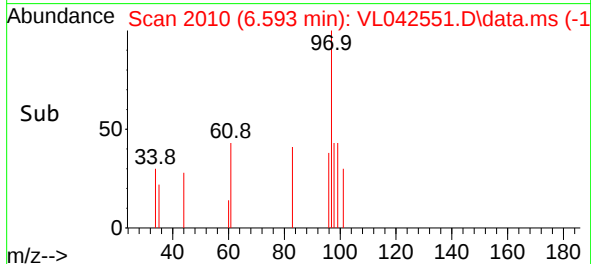
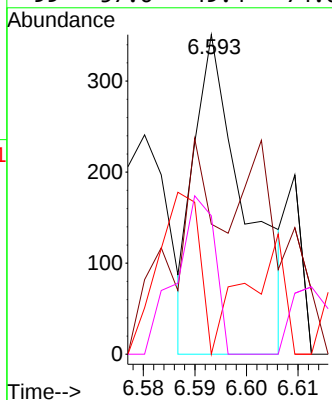
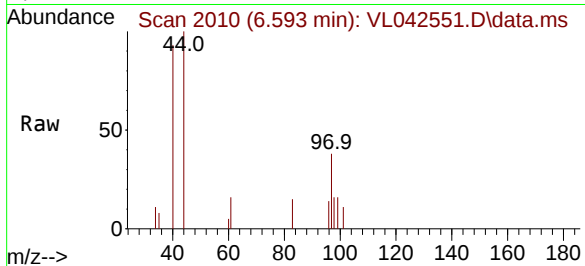




#47
1,1,2-Trichloroethane
Concen: 0.019 ppbv
RT: 6.593 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

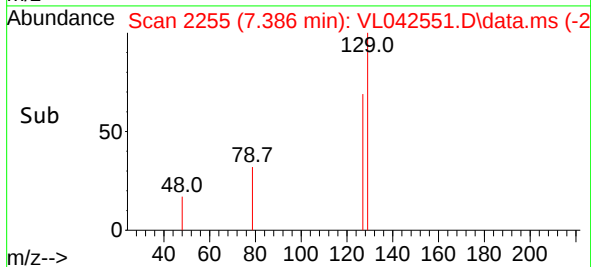
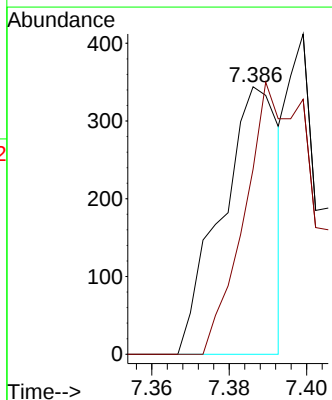
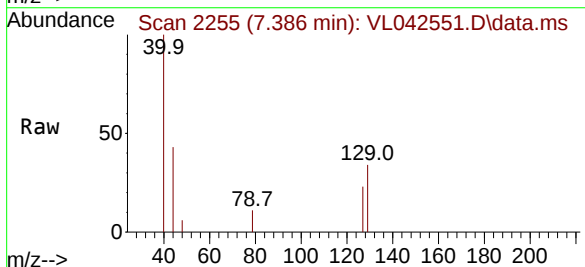
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

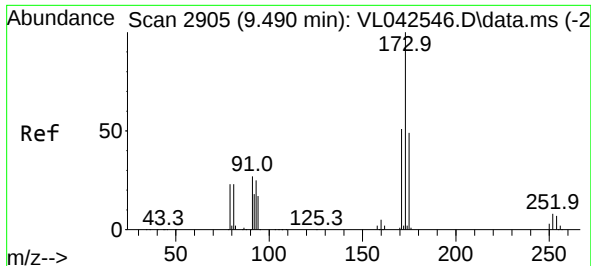
Tgt Ion: 97	Resp:	242	
Ion	Ratio	Lower	Upper
97	100		
83	27.7	65.0	97.4#
85	0.0	39.9	59.9#
99	57.6	49.4	74.0



#48
Dibromochloromethane
Concen: 0.016 ppbv
RT: 7.386 min Scan# 2255
Delta R.T. -0.007 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion:129	Resp:	353	
Ion	Ratio	Lower	Upper
129	100		
127	140.5	39.0	117.0#

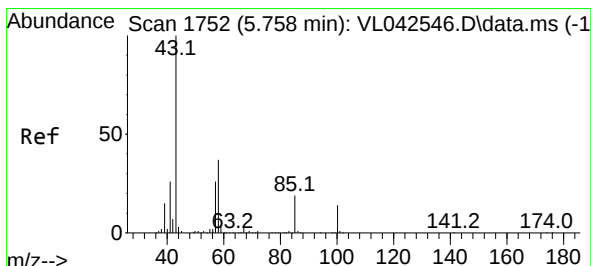
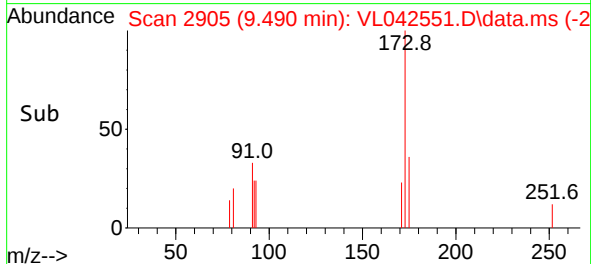
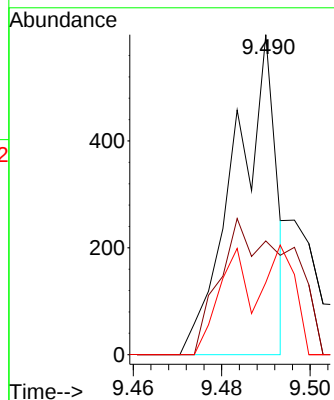
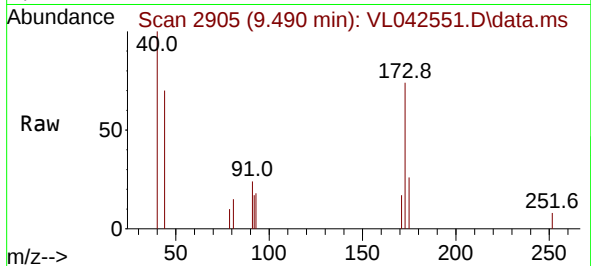




#49
Bromoform
Concen: 0.021 ppbv
RT: 9.490 min Scan# 2905
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

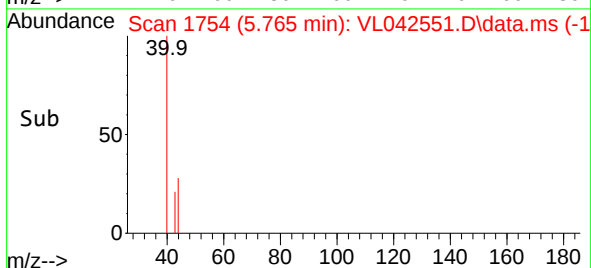
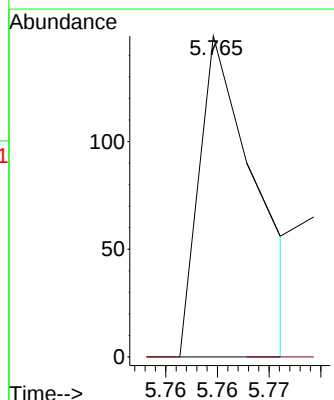
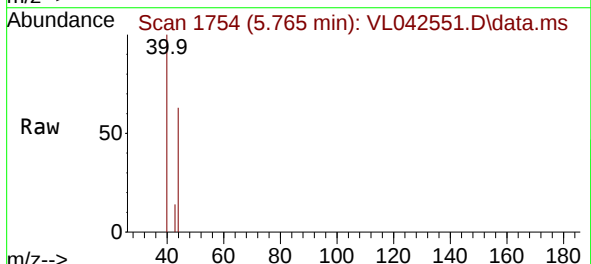
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

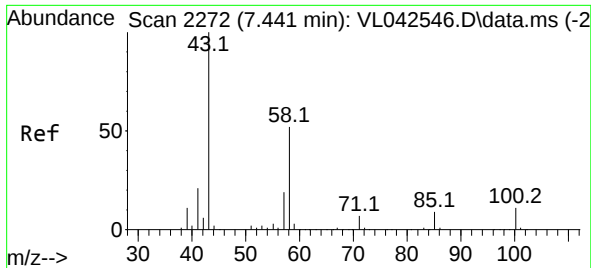
Tgt Ion:173 Resp: 394
Ion Ratio Lower Upper
173 100
175 70.3 39.2 58.8#
171 0.0 41.9 62.9#



#50
4-Methyl-2-Pentanone
Concen: 0.002 ppbv
RT: 5.765 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
58 0.0 30.0 45.0#

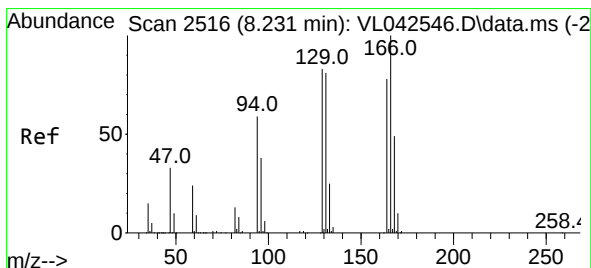
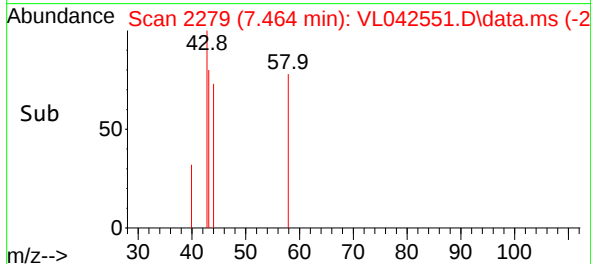
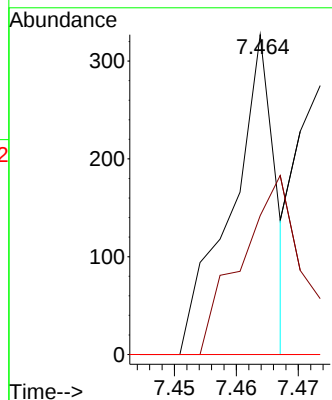
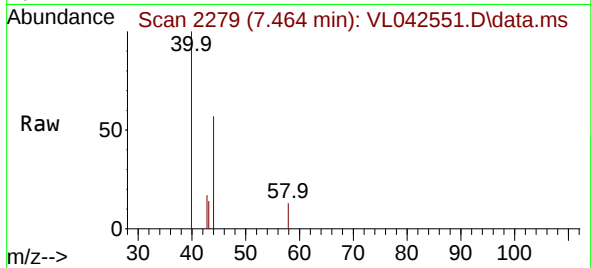




#51
2-Hexanone
Concen: 0.010 ppbv
RT: 7.464 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

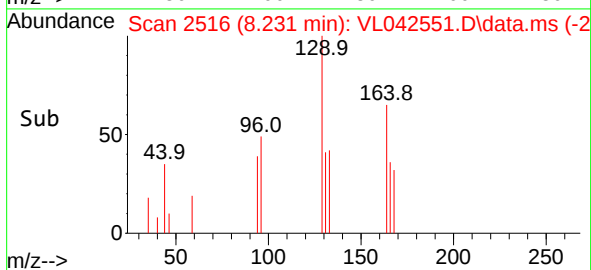
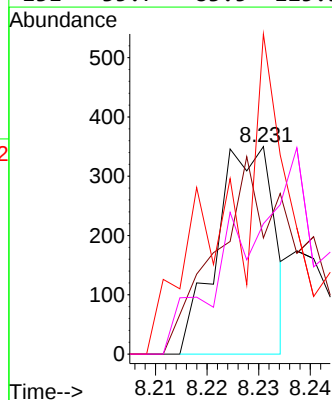
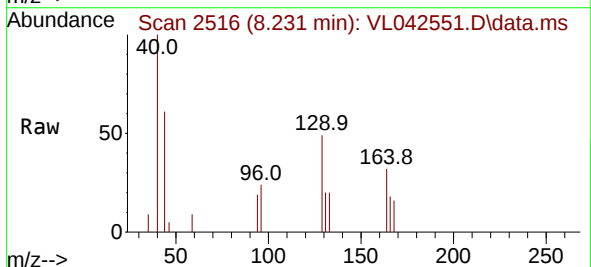
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

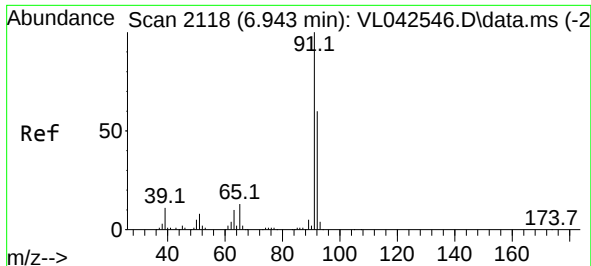
Tgt Ion: 43 Resp: 164
Ion Ratio Lower Upper
43 100
58 91.5 41.4 62.2#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.023 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 164 Resp: 272
Ion Ratio Lower Upper
164 100
166 36.9 103.1 154.7#
129 122.9 85.3 127.9
131 35.7 83.5 125.3#

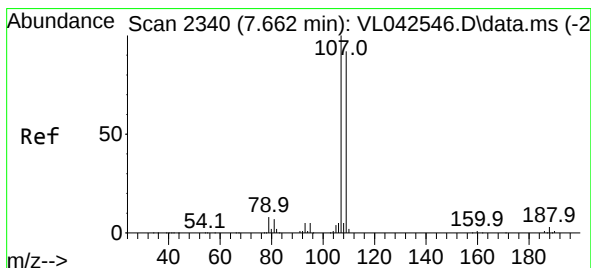
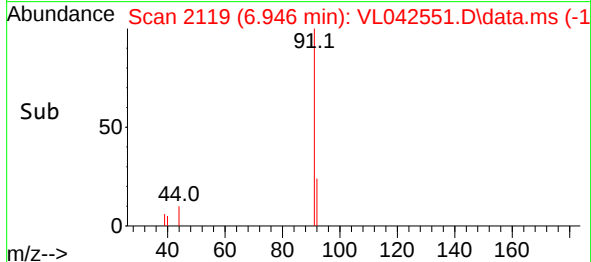
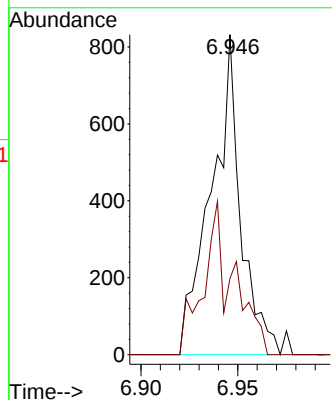
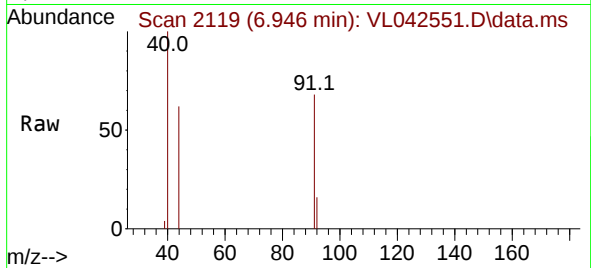




#53
Toluene
Concen: 0.027 ppbv
RT: 6.946 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

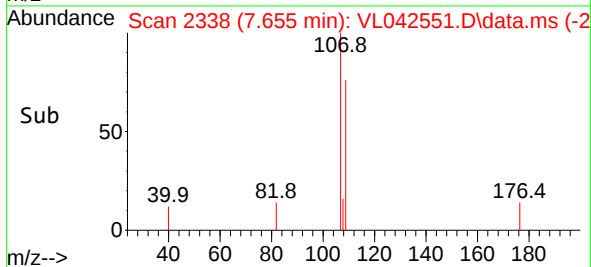
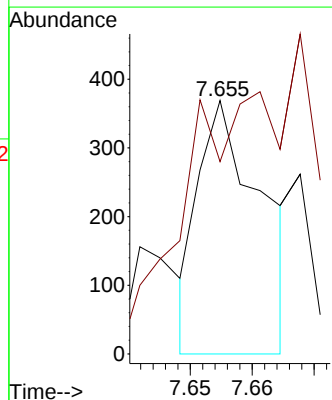
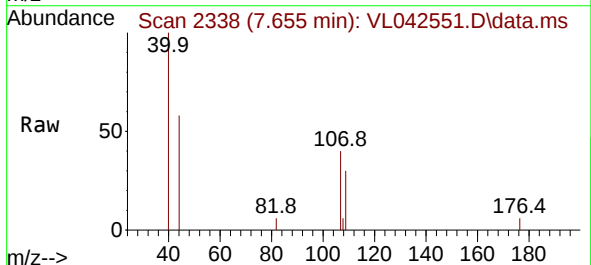
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

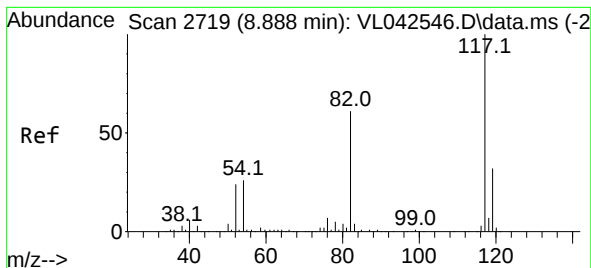
Tgt Ion: 91 Resp: 878
Ion Ratio Lower Upper
91 100
92 48.9 47.8 71.8



#54
1,2-Dibromoethane
Concen: 0.014 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.007 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 107 Resp: 260
Ion Ratio Lower Upper
107 100
109 36.2 73.4 110.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. -0.000 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

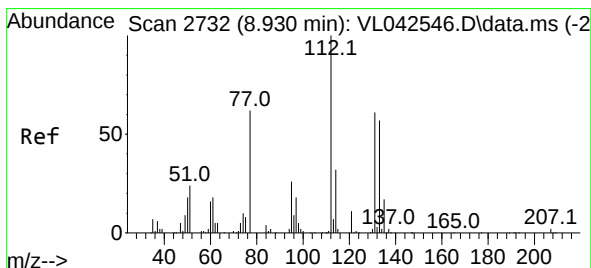
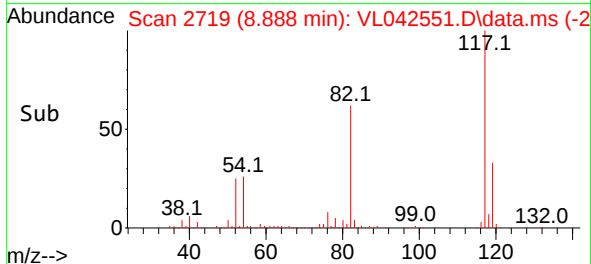
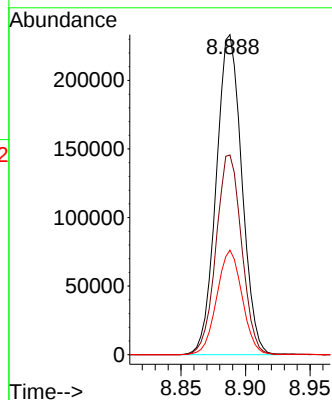
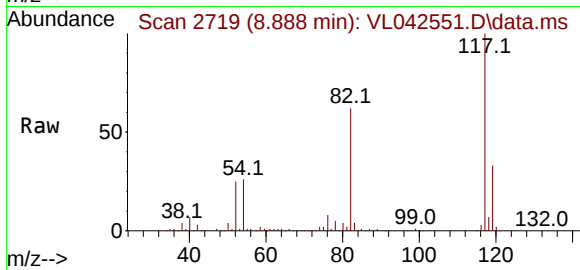
Tgt Ion:117 Resp: 322658

Ion Ratio Lower Upper

117 100

82 62.4 51.0 76.4

119 32.4 27.0 40.4



#56

1,1,1,2-Tetrachloroethane

Concen: 0.015 ppbv

RT: 8.933 min Scan# 2733

Delta R.T. 0.003 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

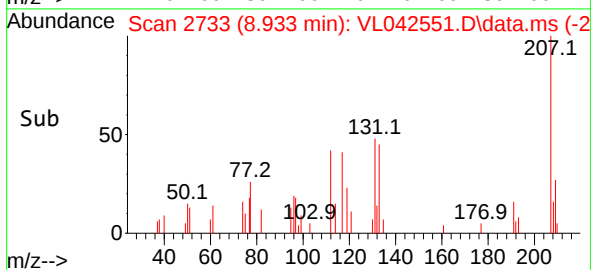
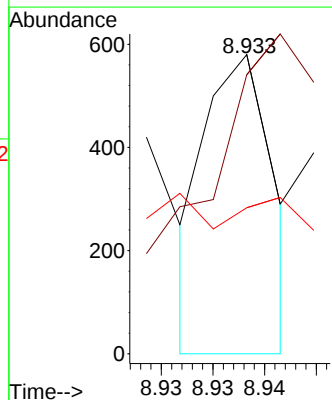
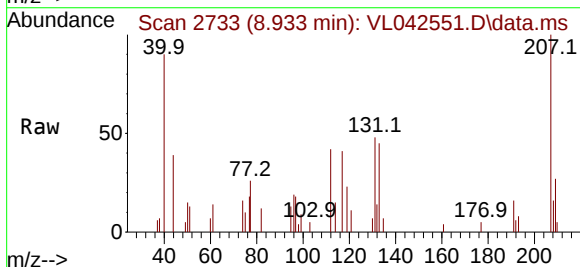
Tgt Ion:131 Resp: 266

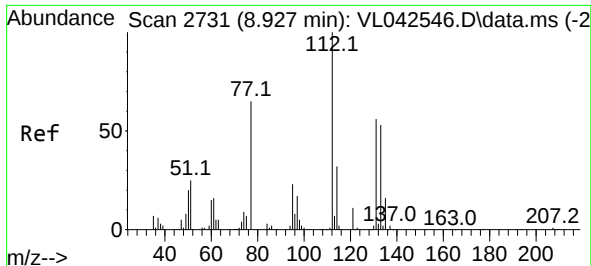
Ion Ratio Lower Upper

131 100

133 327.4 76.3 114.5#

119 0.0 47.5 71.3#

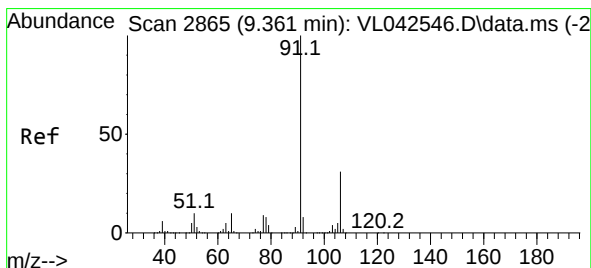
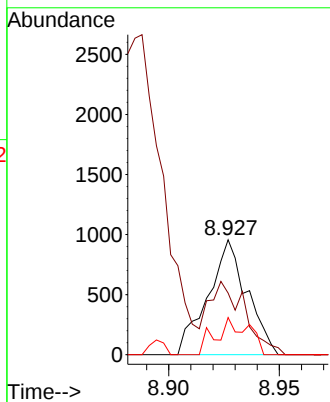
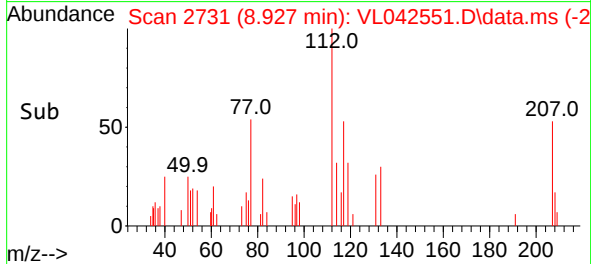
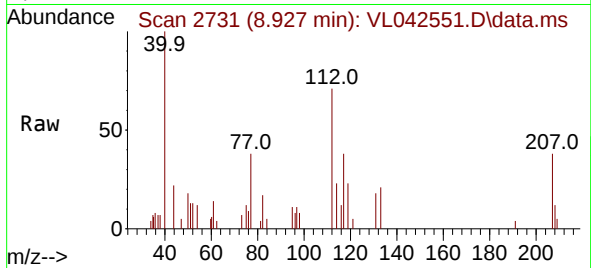




#57
Chlorobenzene
Concen: 0.041 ppbv
RT: 8.927 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

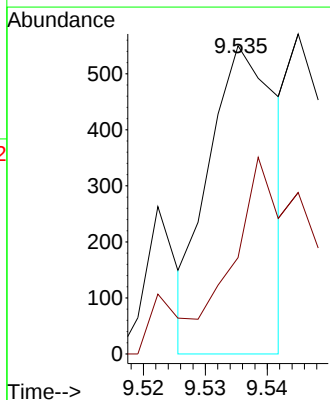
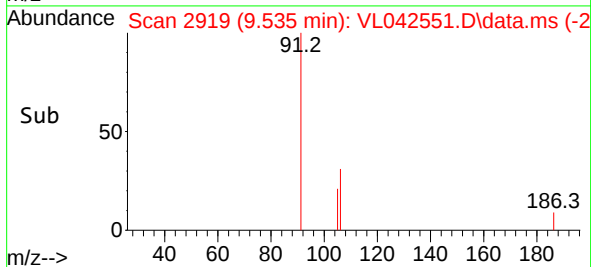
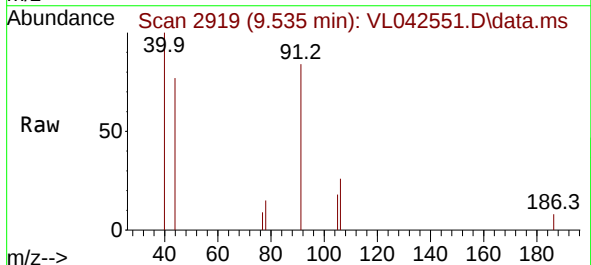
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

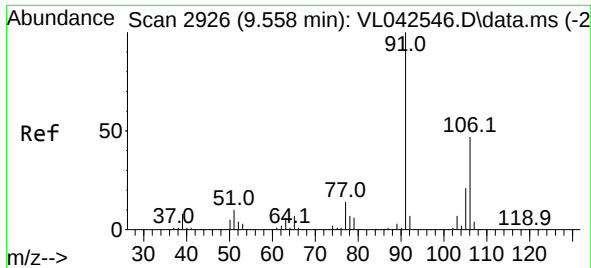
Tgt Ion:112 Resp: 1177
Ion Ratio Lower Upper
112 100
77 47.5 53.2 79.8#
114 32.3 28.4 34.8



#58
Ethyl Benzene
Concen: 0.010 ppbv
RT: 9.535 min Scan# 2919
Delta R.T. 0.175 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 91 Resp: 420
Ion Ratio Lower Upper
91 100
106 26.9 24.6 37.0





#59

m/p-Xylene

Concen: 0.011 ppbv

RT: 9.561 min Scan# 2926

Delta R.T. 0.003 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

Instrument :

MSVOA_L

ClientSampleId :

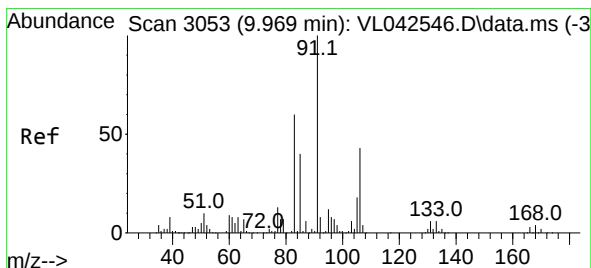
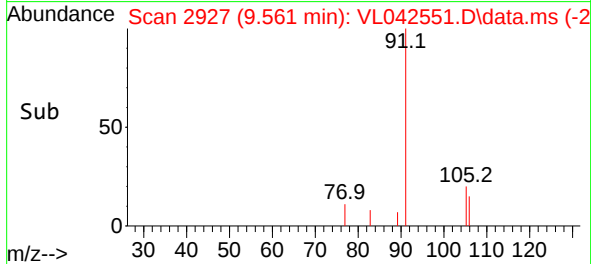
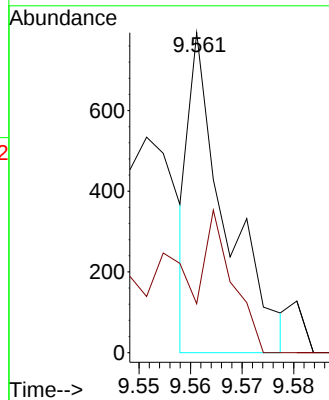
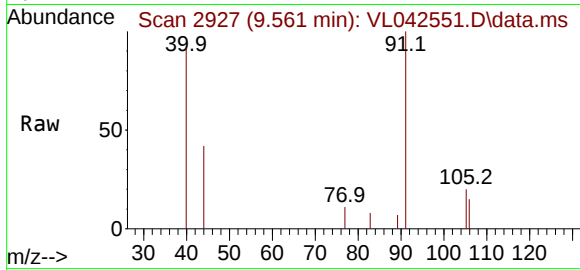
VSTDIC0.03

Tgt Ion: 91 Resp: 389

Ion Ratio Lower Upper

91 100

106 148.6 37.1 55.7#



#60

o-Xylene

Concen: 0.016 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.004 min

Lab File: VL042551.D

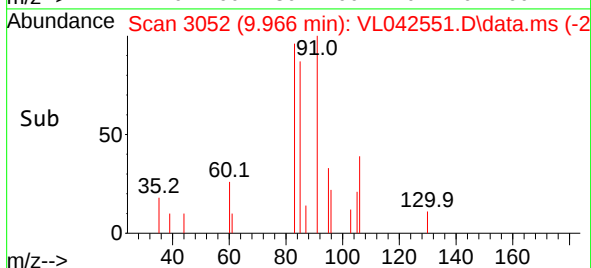
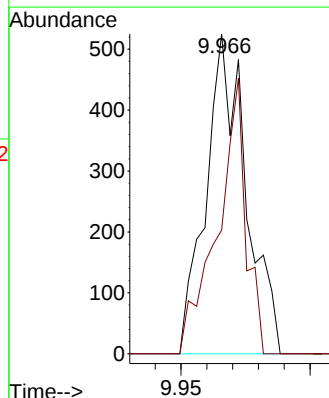
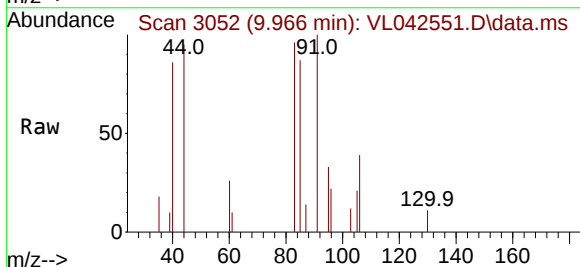
Acq: 20 May 2025 11:54

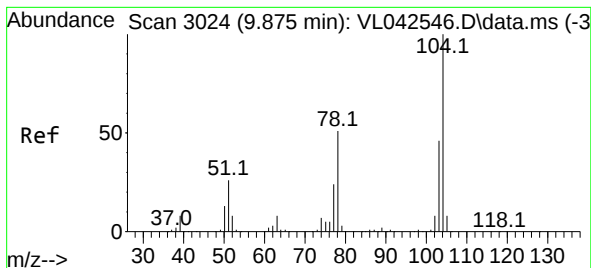
Tgt Ion: 91 Resp: 567

Ion Ratio Lower Upper

91 100

106 60.7 21.6 64.8





#61

Styrene

Concen: 0.007 ppbv

RT: 9.872 min Scan# 3024

Delta R.T. -0.004 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.03

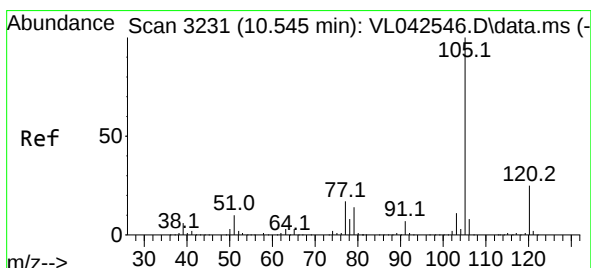
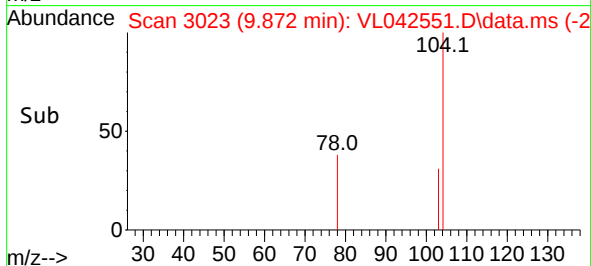
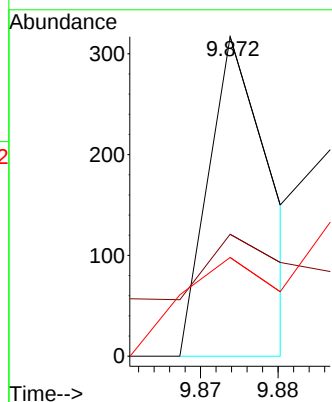
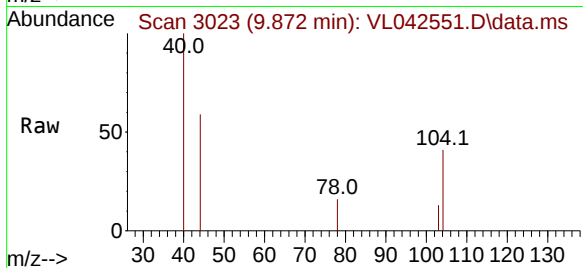
Tgt Ion:104 Resp: 91

Ion Ratio Lower Upper

104 100

78 0.0 39.2 58.8#

103 0.0 37.1 55.7#



#62

Isopropylbenzene

Concen: 0.015 ppbv

RT: 10.545 min Scan# 3231

Delta R.T. -0.000 min

Lab File: VL042551.D

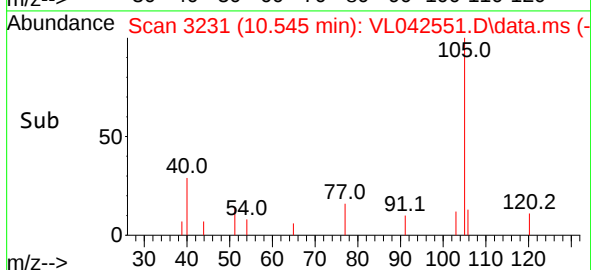
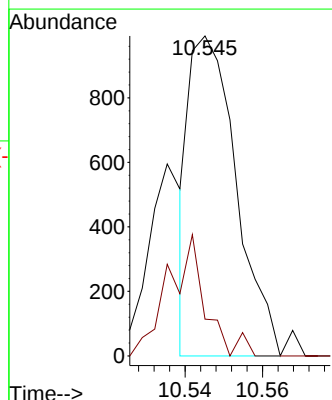
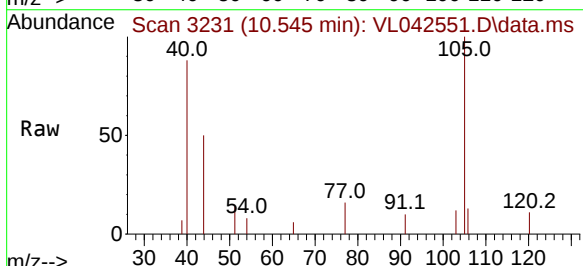
Acq: 20 May 2025 11:54

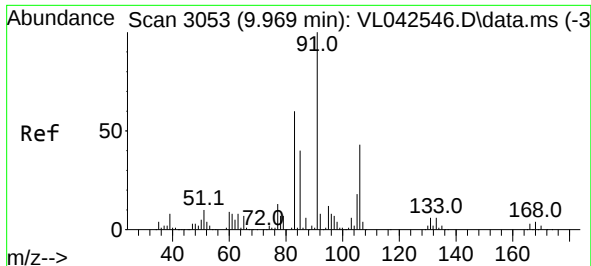
Tgt Ion:105 Resp: 841

Ion Ratio Lower Upper

105 100

120 29.8 20.0 30.0





#63

1,1,2,2-Tetrachloroethane

Concen: 0.022 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

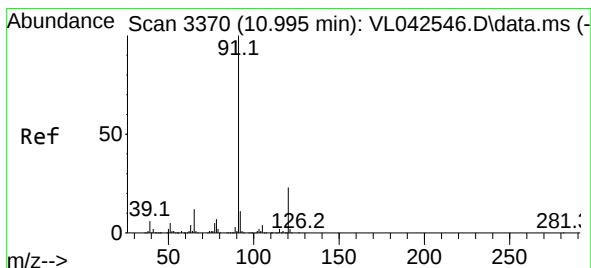
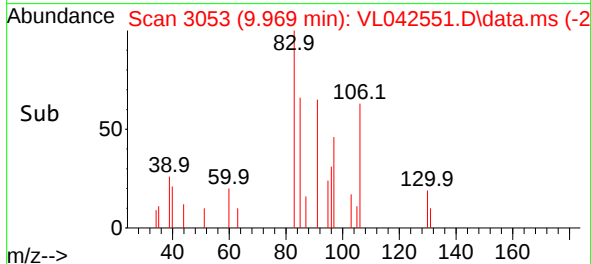
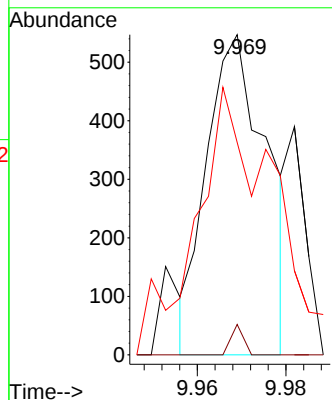
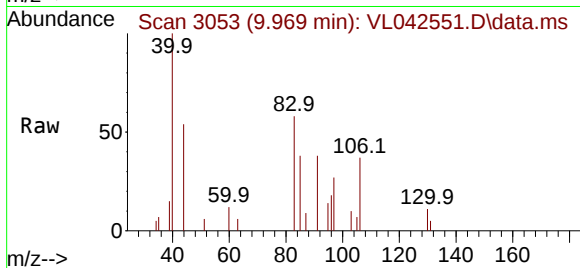
Tgt Ion: 83 Resp: 515

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 107.2 32.5 97.4#



#64

n-propylbenzene

Concen: 0.018 ppbv

RT: 10.989 min Scan# 3368

Delta R.T. -0.007 min

Lab File: VL042551.D

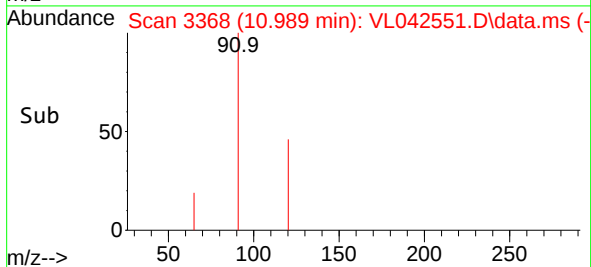
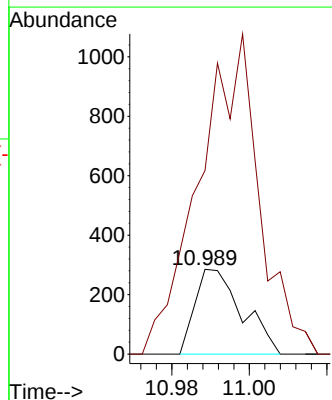
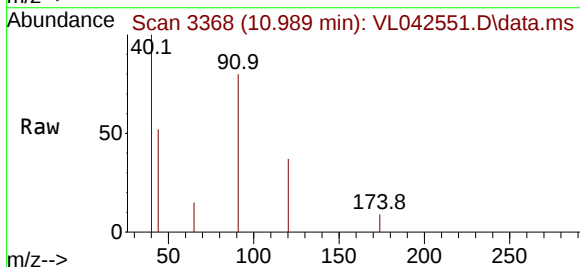
Acq: 20 May 2025 11:54

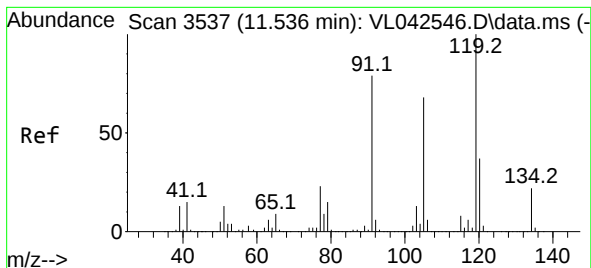
Tgt Ion: 120 Resp: 240

Ion Ratio Lower Upper

120 100

91 482.9 367.0 550.4





#65

tert-Butylbenzene

Concen: 0.009 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.004 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

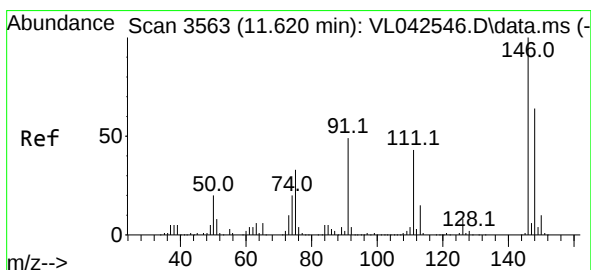
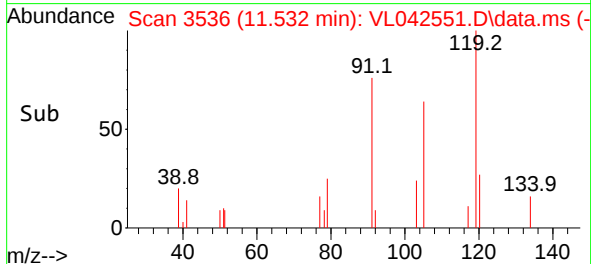
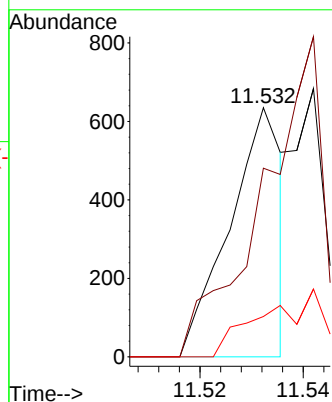
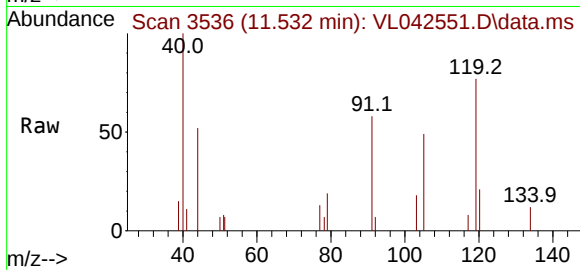
Tgt Ion:119 Resp: 451

Ion Ratio Lower Upper

119 100

91 0.0 62.7 94.1#

134 0.0 16.8 25.2#



#66

Benzyl Chloride

Concen: 0.010 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. -0.071 min

Lab File: VL042551.D

Acq: 20 May 2025 11:54

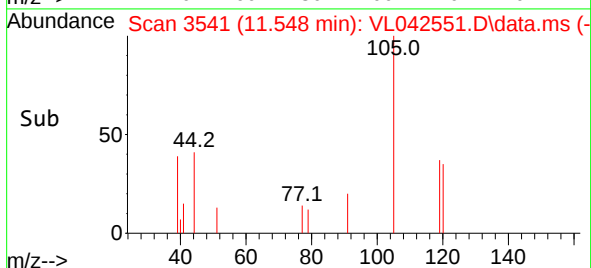
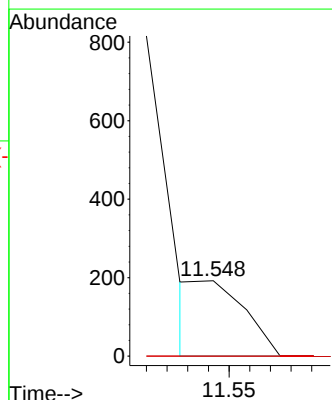
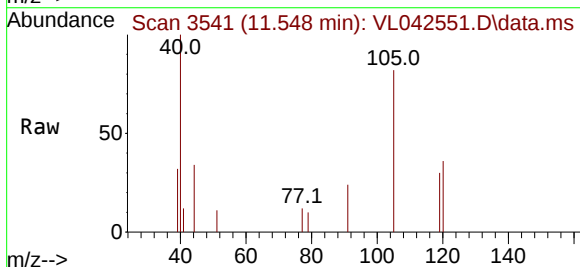
Tgt Ion: 91 Resp: 60

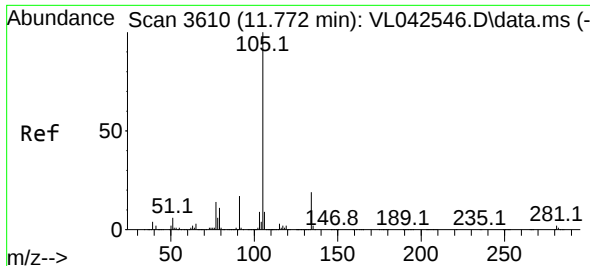
Ion Ratio Lower Upper

91 100

126 0.0 14.2 21.2#

128 0.0 4.6 6.8#

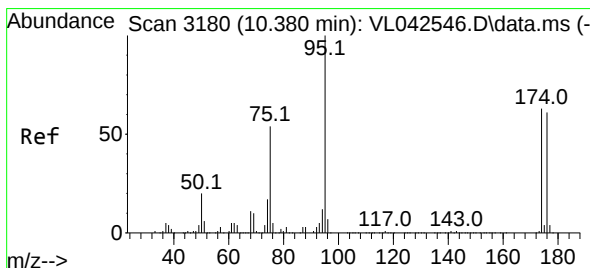
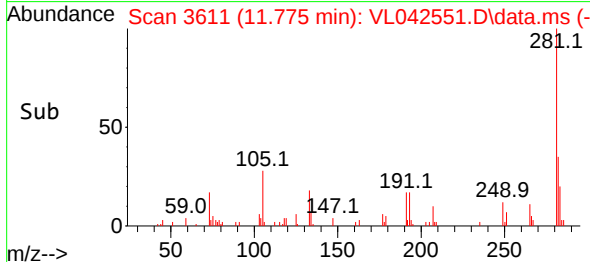
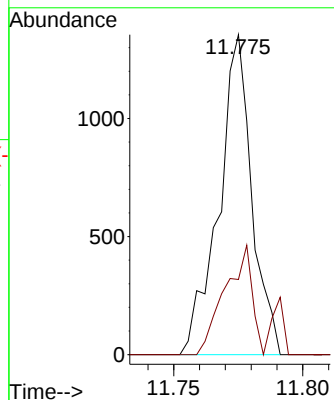
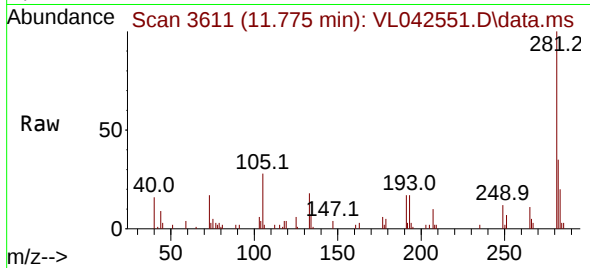




#67
sec-Butylbenzene
Concen: 0.017 ppbv
RT: 11.775 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

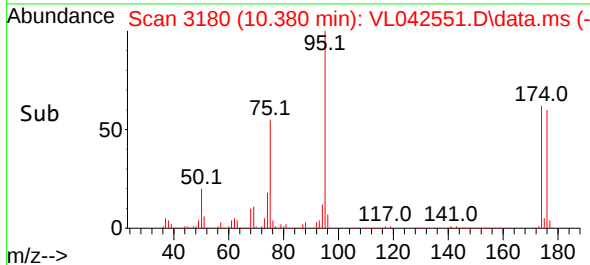
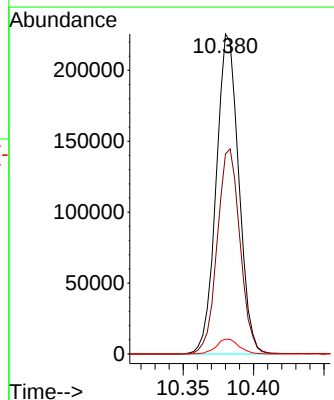
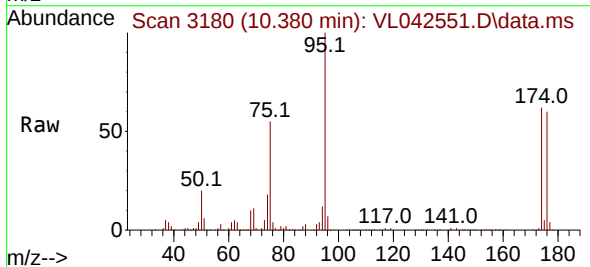
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

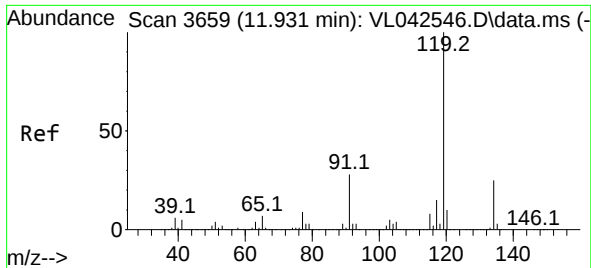
Tgt Ion:105 Resp: 1203
Ion Ratio Lower Upper
105 100
134 34.5 15.4 23.2#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.748 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion: 95 Resp: 251724
Ion Ratio Lower Upper
95 100
174 65.0 52.0 78.0
175 4.7 3.8 5.6

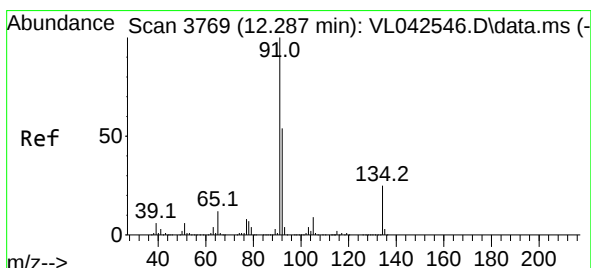
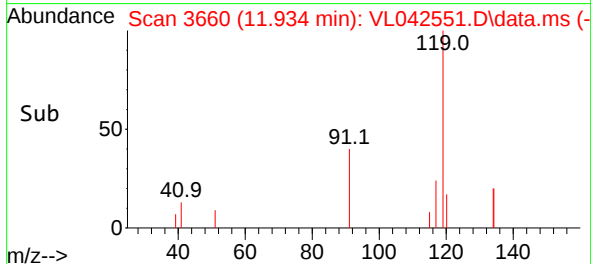
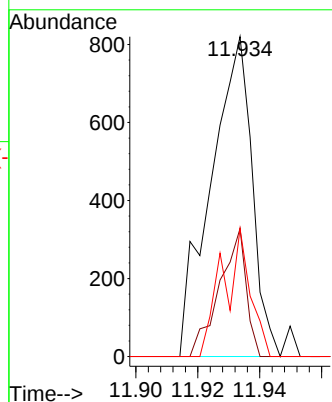
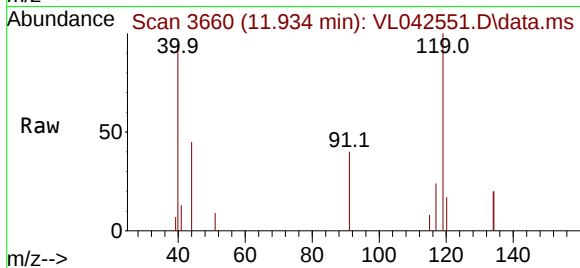




#69
p-Isopropyltoluene
Concen: 0.013 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.003 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

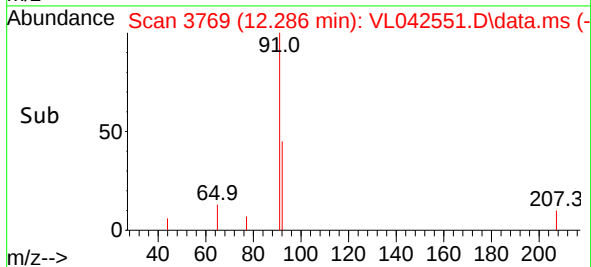
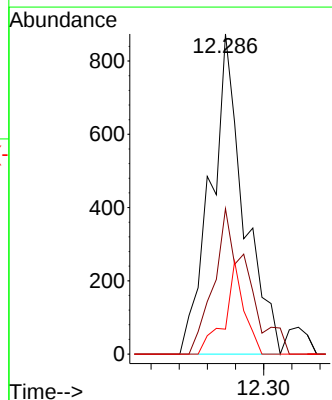
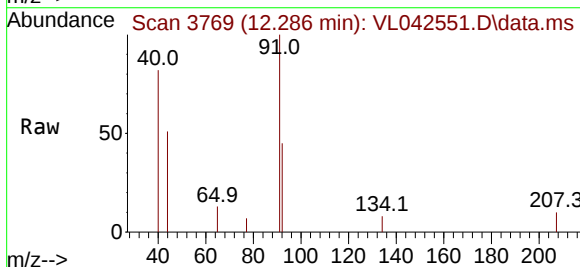
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

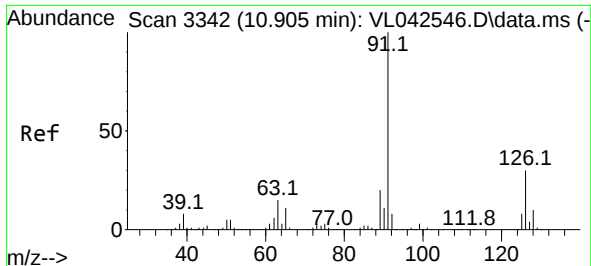
Tgt Ion:	119	Resp:	757
Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.1	30.1
91	27.2	22.3	33.5



#70
n-Butylbenzene
Concen: 0.013 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion:	91	Resp:	711
Ion	Ratio	Lower	Upper
91	100		
92	46.3	43.8	65.6
134	16.9	19.7	29.5

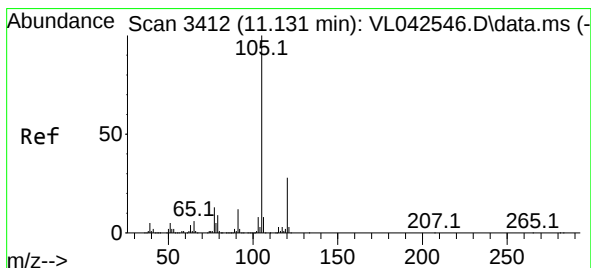
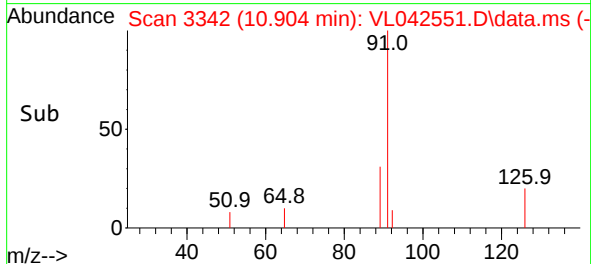
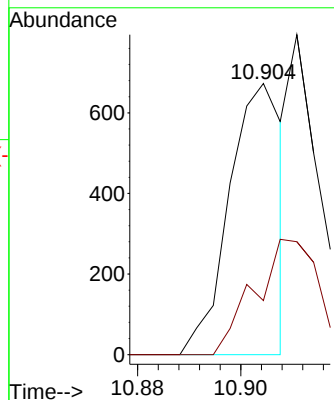
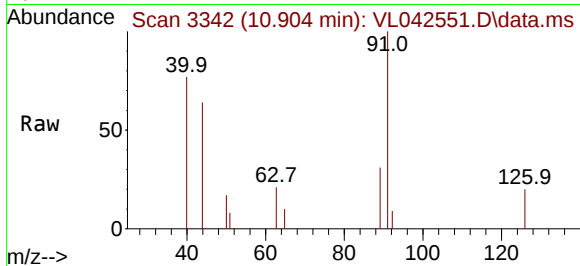




#71
2-Chlorotoluene
Concen: 0.012 ppbv
RT: 10.904 min Scan# 311
Delta R.T. -0.000 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

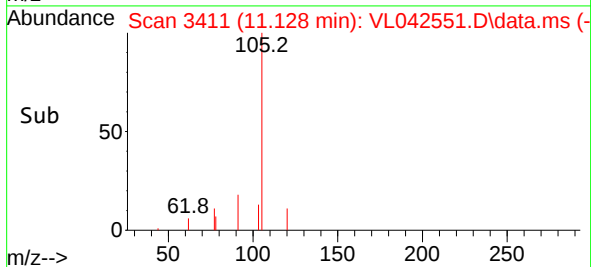
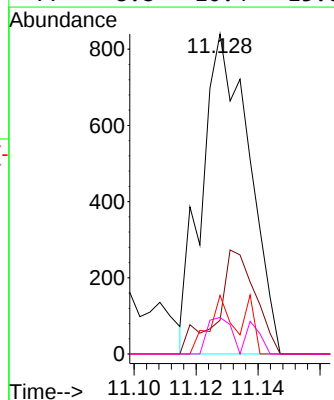
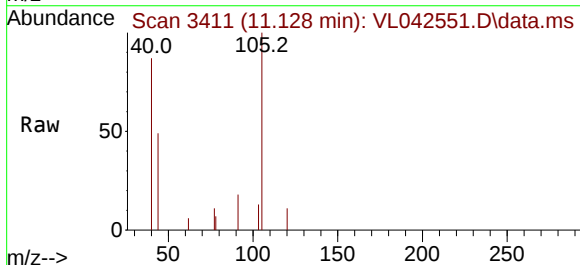
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

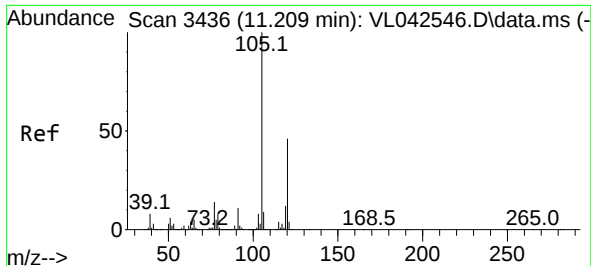
Tgt Ion: 91 Resp: 482
Ion Ratio Lower Upper
91 100
126 0.0 12.4 49.4#



#72
4-Ethyltoluene
Concen: 0.020 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.004 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion:105 Resp: 890
Ion Ratio Lower Upper
105 100
120 26.0 23.4 35.0
91 12.2 10.2 15.4
77 8.8 10.4 15.6#

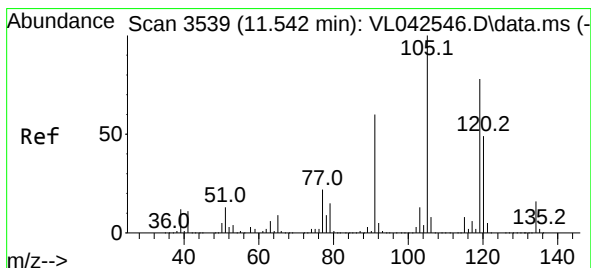
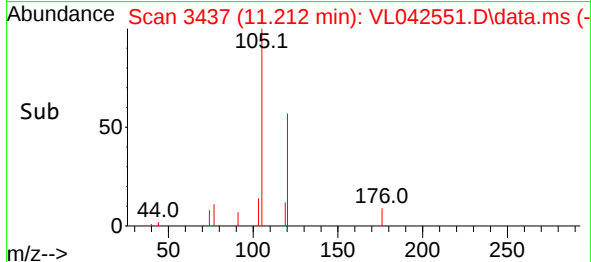
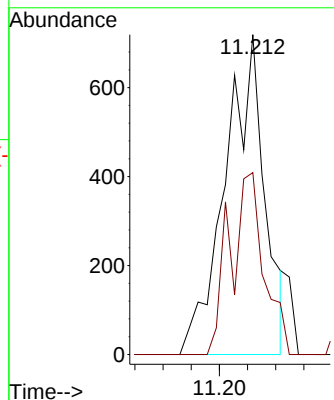
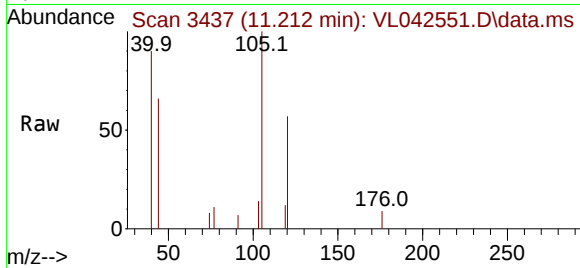




#73
1,3,5-Trimethylbenzene
Concen: 0.018 ppbv
RT: 11.212 min Scan# 3436
Delta R.T. 0.003 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

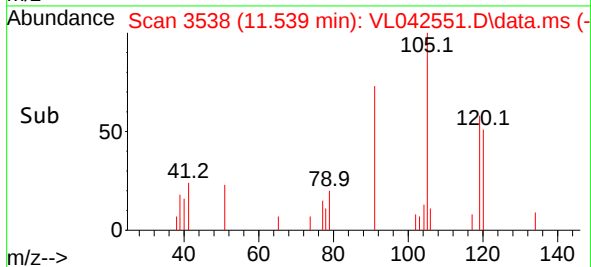
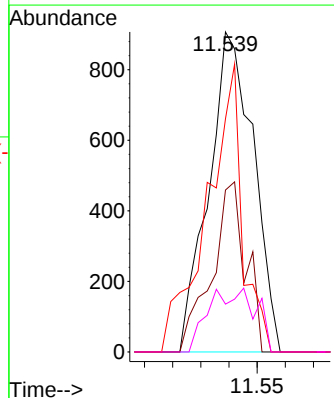
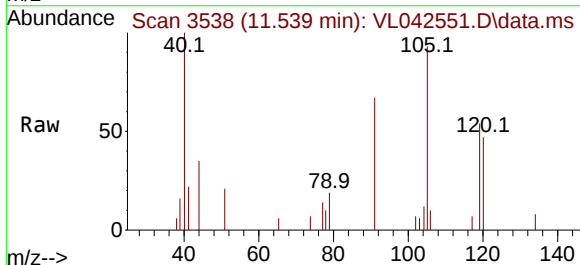
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

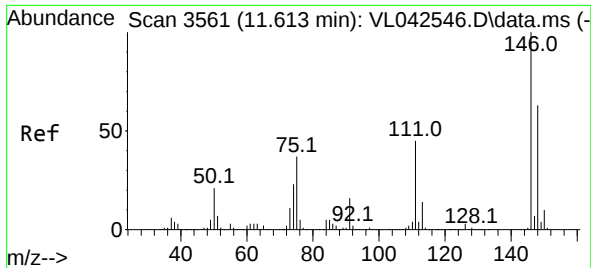
Tgt Ion:105 Resp: 695
Ion Ratio Lower Upper
105 100
120 56.9 36.5 54.7#



#74
1,2,4-Trimethylbenzene
Concen: 0.022 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.004 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion:105 Resp: 997
Ion Ratio Lower Upper
105 100
120 50.6 39.4 59.0
91 72.9 47.8 71.8#
77 15.0 17.8 26.6#

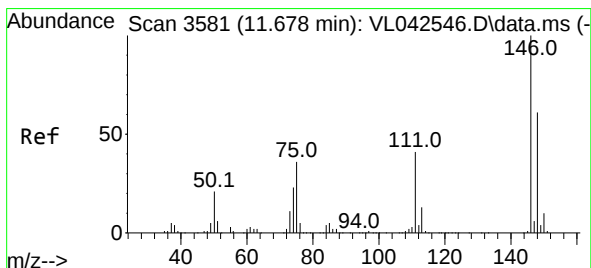
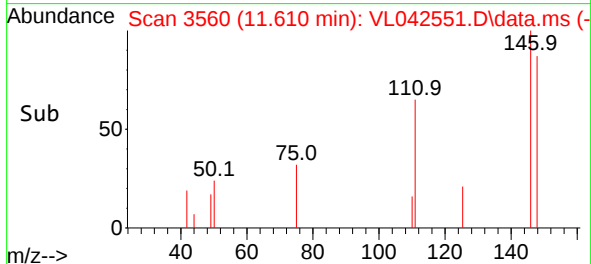
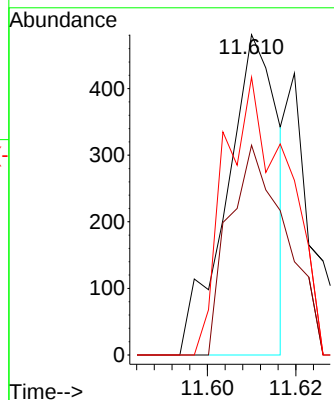
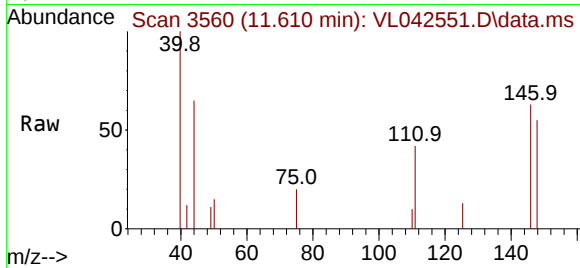




#75
1,3-Dichlorobenzene
Concen: 0.014 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.004 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

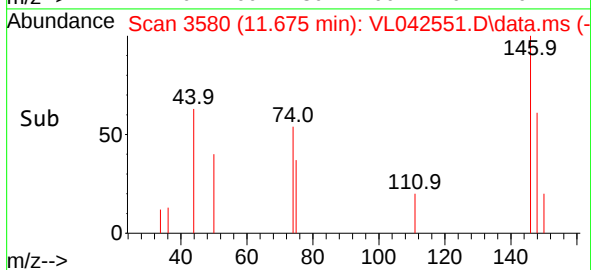
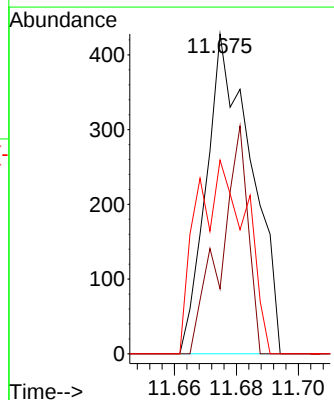
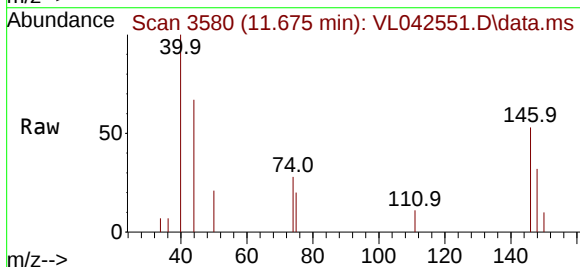
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

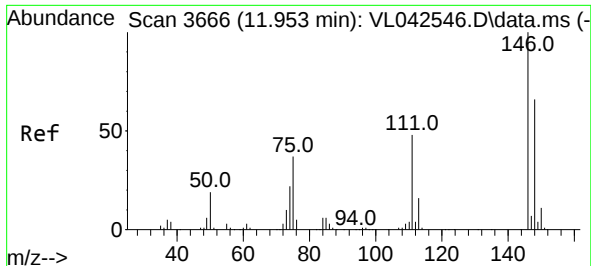
Tgt Ion:146 Resp: 390
Ion Ratio Lower Upper
146 100
111 72.6 22.8 68.4#
148 105.6 31.6 94.8#



#76
1,4-Dichlorobenzene
Concen: 0.016 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. -0.004 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion:146 Resp: 431
Ion Ratio Lower Upper
146 100
111 43.6 21.8 65.3
148 66.6 31.4 94.3

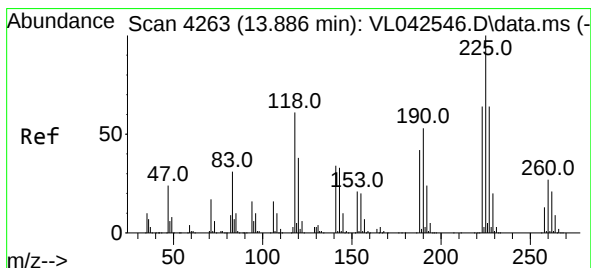
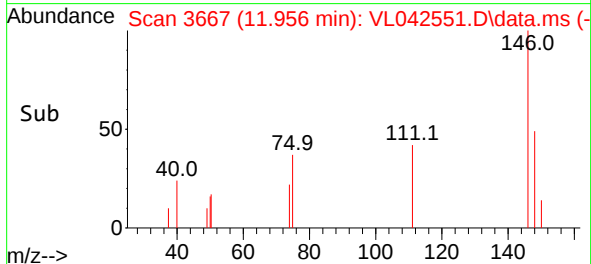
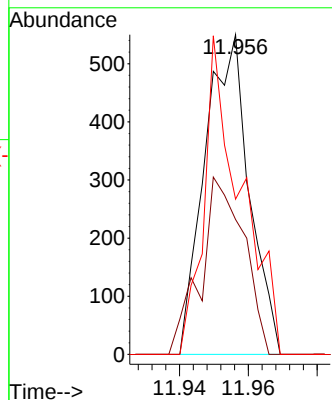
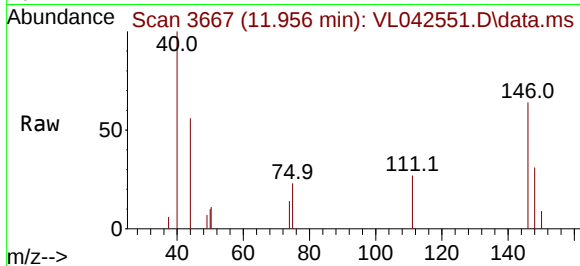




#77
1,2-Dichlorobenzene
Concen: 0.018 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. 0.003 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

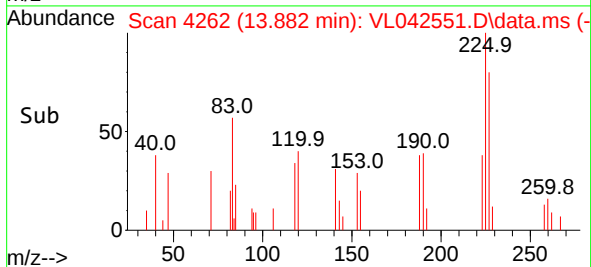
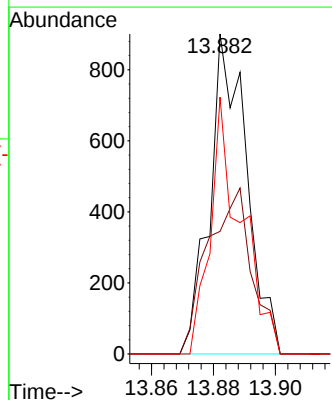
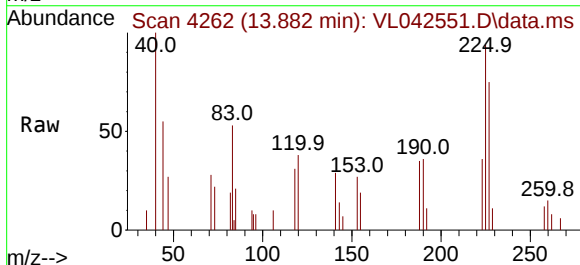
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

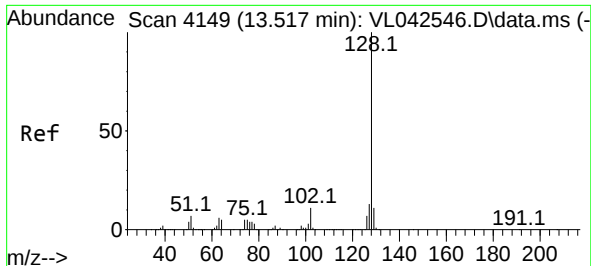
Tgt Ion:146	Resp:	492	
Ion	Ratio	Lower	Upper
146	100		
111	54.3	23.7	71.1
148	82.7	32.3	96.9



#78
Hexachloro-1,3-Butadiene
Concen: 0.032 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.004 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion:225	Resp:	746	
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	66.9	50.2	75.4

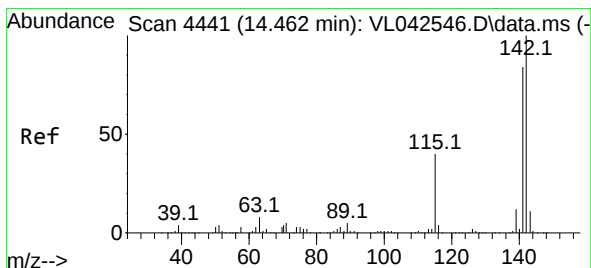
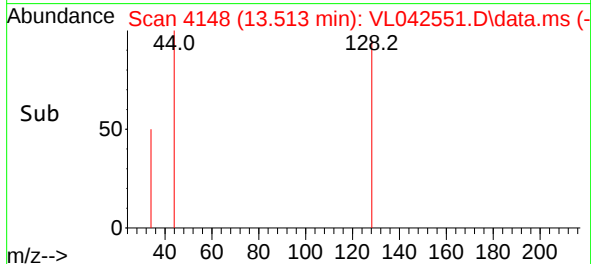
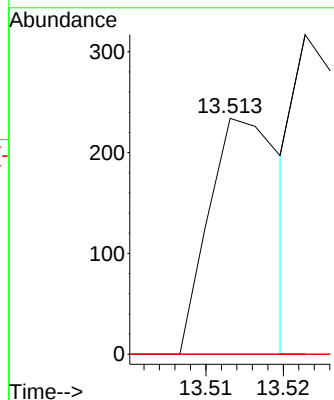
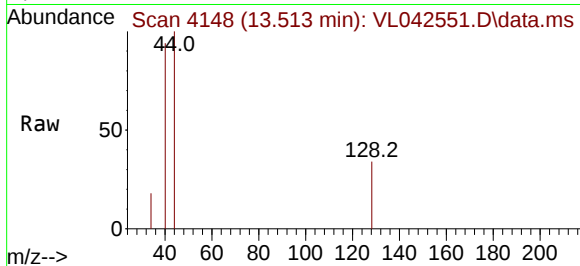




#79
Naphthalene
Concen: 0.004 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. -0.004 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

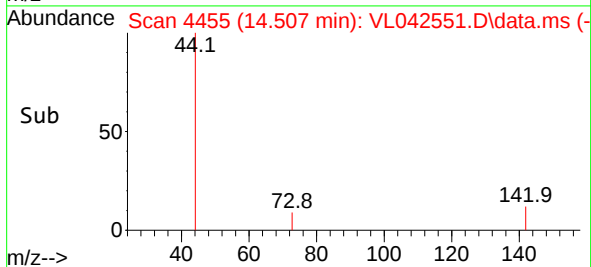
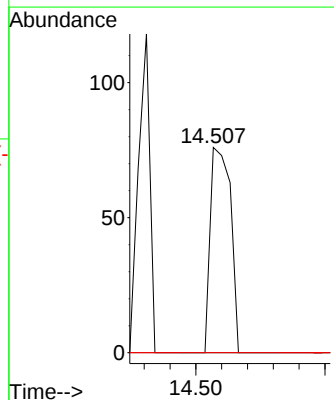
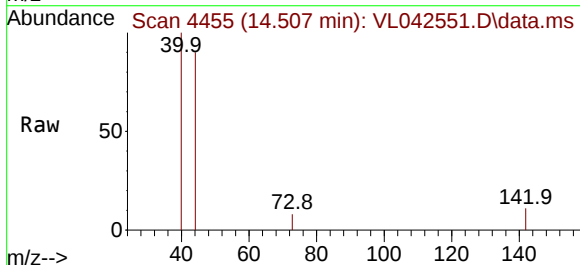
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

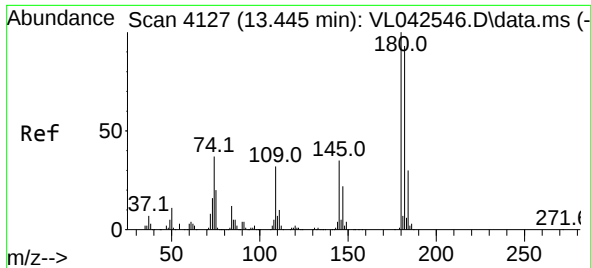
Tgt Ion:128 Resp: 152
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 9.0 13.4#



#80
Naphthalene,2-methyl-
Concen: 0.002 ppbv
RT: 14.507 min Scan# 4455
Delta R.T. 0.045 min
Lab File: VL042551.D
Acq: 20 May 2025 11:54

Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
141 0.0 67.4 101.0#
115 0.0 31.5 47.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.006 ppbv

RT: 13.445 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042551.D

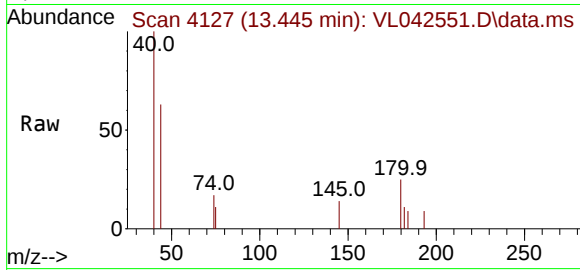
Acq: 20 May 2025 11:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03



Tgt Ion:180 Resp: 124

Ion Ratio Lower Upper

180 100

182 137.9 75.6 113.4#

184 45.2 23.7 35.5#

