

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042462.D
 Acq On : 01 May 2025 11:12
 Operator : SY/MD
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: May 02 01:43:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 01:37:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	65449	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	186907	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	157618	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	143644	9.830	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	1062	0.098	ppbv	97
3) Chlorodifluoromethane	1.476	51	1315	0.115	ppbv	97
4) Chloromethane	1.531	50	715	0.158	ppbv #	83
5) Vinyl Chloride	1.580	62	631	0.138	ppbv #	53
6) Bromomethane	1.667	94	227	0.105	ppbv #	46
7) Chloroethane	1.703	64	176	0.105	ppbv #	82
8) Dichlorotetrafluoroethane	1.554	85	1241	0.139	ppbv	99
9) Propene	1.683	41	270	0.072	ppbv	85
10) Heptane	4.982	43	268	0.028	ppbv #	26
11) Trichlorofluoromethane	1.878	101	1407	0.146	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.140	101	1045	0.131	ppbv	94
13) Ethanol	1.722	45	281	0.370	ppbv #	37
14) Bromoethene	1.780	108	409	0.139	ppbv #	62
15) Acetone	1.839	43	2646	0.221	ppbv	95
16) 1,3-Butadiene	1.609	39	1170	0.222	ppbv #	80
17) tert-Butyl alcohol	2.043	59	1429	0.136	ppbv #	45
18) 1,1-Dichloroethene	2.033	96	601	0.161	ppbv #	53
19) Isopropyl Alcohol	1.891	45	1127	0.170	ppbv #	90
20) Methylene Chloride	2.059	84	1233	0.343	ppbv #	63
21) Allyl Chloride	2.098	41	1159	0.151	ppbv #	66
22) trans-1,2-Dichloroethene	2.344	96	544	0.125	ppbv #	88
23) Vinyl Acetate	2.460	43	1870	0.168	ppbv #	90
24) 1,1-Dichloroethane	2.412	63	875	0.099	ppbv #	90
25) Ethyl Acetate	2.845	43	1182	0.062	ppbv #	70
26) Hexane	2.832	57	355	0.043	ppbv #	1
27) Carbon Disulfide	2.149	76	1407	0.145	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	704	0.141	ppbv #	90
29) Chloroform	2.849	83	1748	0.112	ppbv	98
30) Cyclohexane	3.862	84	257	0.037	ppbv #	1
31) cis-1,2-Dichloroethene	2.719	61	1193	0.123	ppbv #	69
32) 1,1,1-Trichloroethane	3.370	97	978	0.058	ppbv #	24
34) 2-Butanone	2.554	43	337	0.025	ppbv #	55
35) Carbon Tetrachloride	3.758	117	1493	0.092	ppbv #	55
36) Benzene	3.651	78	1494	0.085	ppbv #	80
37) 1,2-Dichloroethane	3.227	62	499	0.037	ppbv #	84
38) Trichloroethene	4.551	130	478	0.071	ppbv #	37
39) 1,2-Dichloropropane	3.956	63	53030	8.026	ppbv #	21
40) 1,4-Dioxane	4.616	88	59	0.019	ppbv #	100
41) Tetrahydrofuran	3.069	42	191	0.030	ppbv #	34
42) Bromodichloromethane	4.493	83	1546	0.093	ppbv #	70
43) Methyl Methacrylate	4.894	69	179	0.027	ppbv #	1
44) 2,2,4-Trimethylpentane	4.635	57	1699	0.060	ppbv #	40
45) t-1,3-Dichloropropene	6.419	75	137	0.016	ppbv #	42

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
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 Acq On : 01 May 2025 11:12
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 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

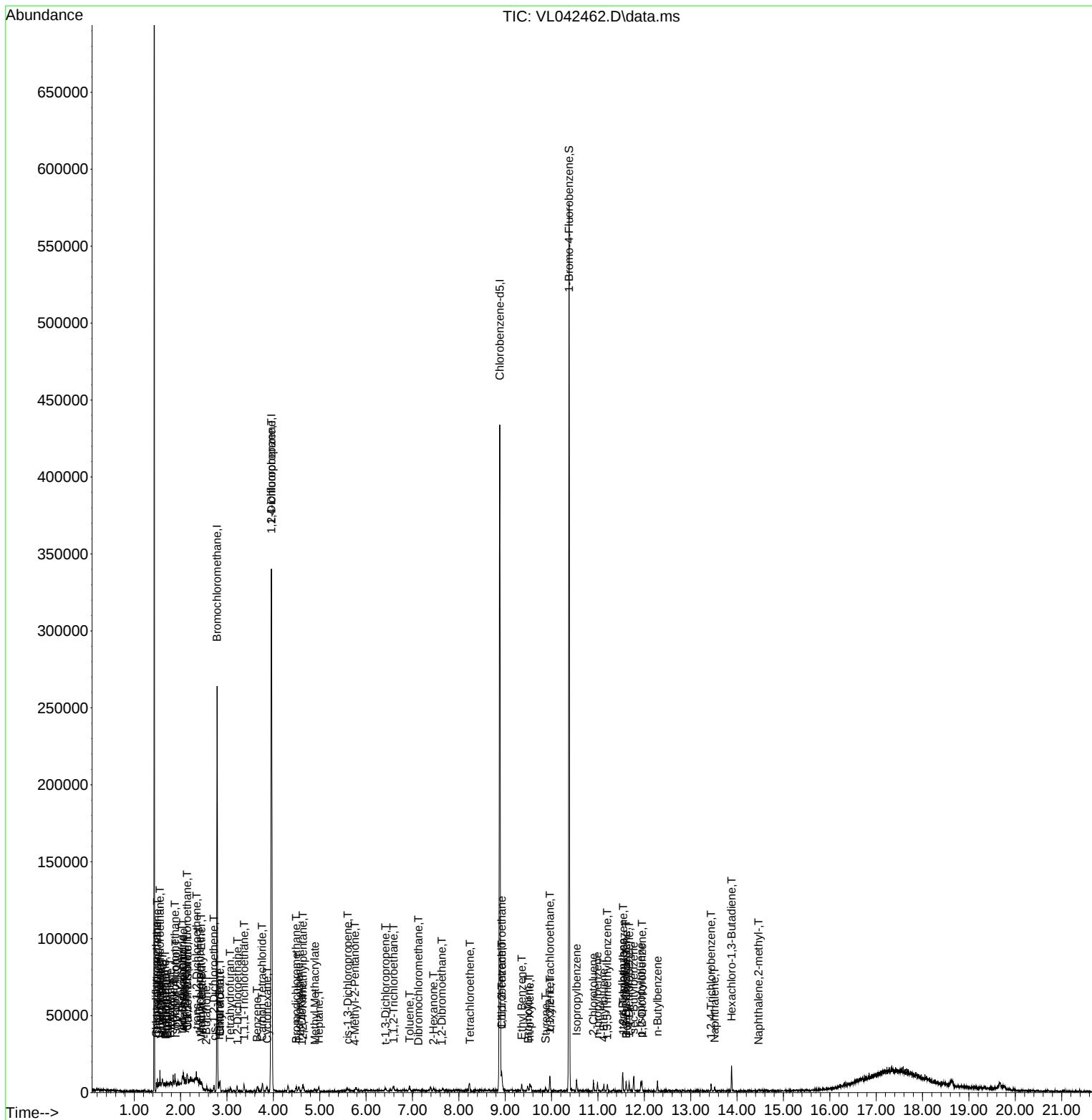
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

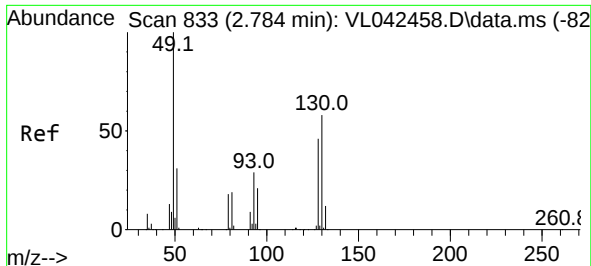
Quant Time: May 02 01:43:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 01:37:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.603	75	334	0.033	ppbv	#	67
47) 1,1,2-Trichloroethane	6.590	97	604	0.083	ppbv	#	61
48) Dibromochloromethane	7.127	129	75	0.006	ppbv		100
49) Bromoform	9.493	173	191	0.019	ppbv	#	1
50) 4-Methyl-2-Pentanone	5.758	43	150	0.009	ppbv	#	38
51) 2-Hexanone	7.451	43	738	0.054	ppbv	#	83
52) Tetrachloroethene	8.241	164	143	0.021	ppbv	#	50
53) Toluene	6.940	91	572	0.031	ppbv	#	1
54) 1,2-Dibromoethane	7.632	107	57	0.005	ppbv		99
56) 1,1,1,2-Tetrachloroethane	8.927	131	652	0.070	ppbv	#	15
57) Chlorobenzene	8.927	112	1103	0.070	ppbv	#	65
58) Ethyl Benzene	9.357	91	1206	0.046	ppbv	#	52
59) m/p-Xylene	9.526	91	1427	0.065	ppbv	#	33
60) o-Xylene	9.963	91	1114	0.050	ppbv	#	46
61) Styrene	9.872	104	215	0.026	ppbv	#	1
62) Isopropylbenzene	10.539	105	2821	0.088	ppbv	#	83
63) 1,1,2,2-Tetrachloroethane	9.966	83	1490	0.104	ppbv	#	75
64) n-propylbenzene	10.989	120	452	0.058	ppbv		92
65) tert-Butylbenzene	11.532	119	1762	0.062	ppbv	#	69
66) Benzyl Chloride	11.610	91	167	0.051	ppbv	#	67
67) sec-Butylbenzene	11.769	105	2510	0.062	ppbv		97
69) p-Isopropyltoluene	11.924	119	2112	0.062	ppbv	#	83
70) n-Butylbenzene	12.283	91	2098	0.060	ppbv	#	92
71) 2-Chlorotoluene	10.901	91	2065	0.083	ppbv		87
72) 4-Ethyltoluene	11.121	105	813	0.031	ppbv	#	56
73) 1,3,5-Trimethylbenzene	11.202	105	1853	0.081	ppbv		96
74) 1,2,4-Trimethylbenzene	11.542	105	1982	0.071	ppbv	#	64
75) 1,3-Dichlorobenzene	11.607	146	709	0.046	ppbv	#	11
76) 1,4-Dichlorobenzene	11.672	146	546	0.037	ppbv	#	1
77) 1,2-Dichlorobenzene	11.950	146	1226	0.081	ppbv		91
78) Hexachloro-1,3-Butadiene	13.879	225	1683	0.112	ppbv		97
79) Naphthalene	13.517	128	601	0.026	ppbv	#	95
80) Naphthalene,2-methyl-	14.465	142	371	0.021	ppbv	#	81
81) 1,2,4-Trichlorobenzene	13.439	180	652	0.052	ppbv	#	91

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

Quant Time: May 02 01:43:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
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QLast Update : Fri May 02 01:37:48 2025
Response via : Initial Calibration

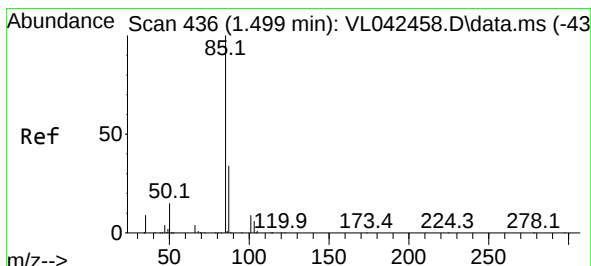
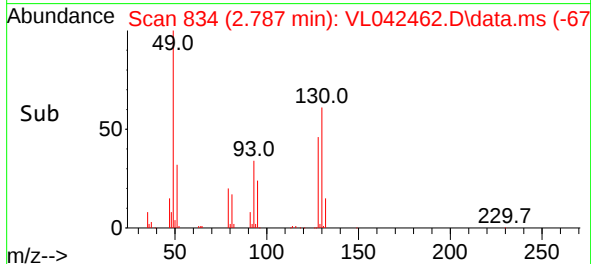
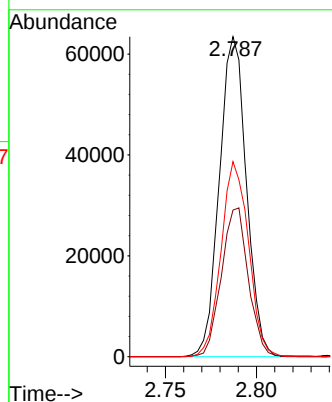
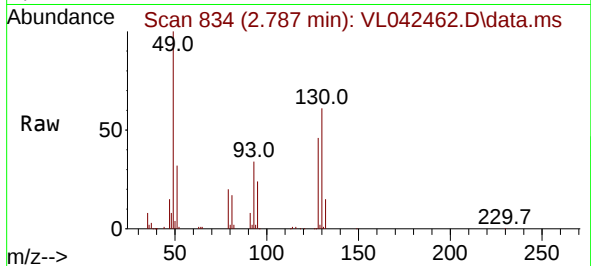




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

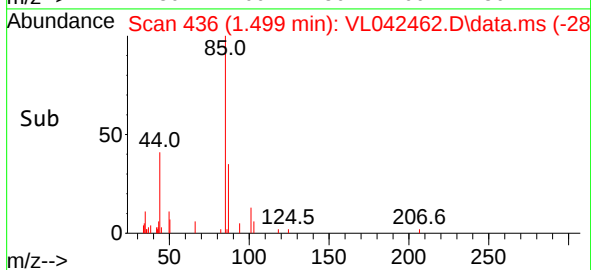
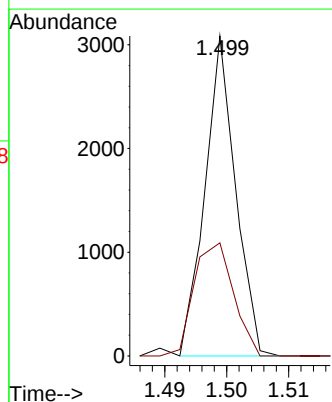
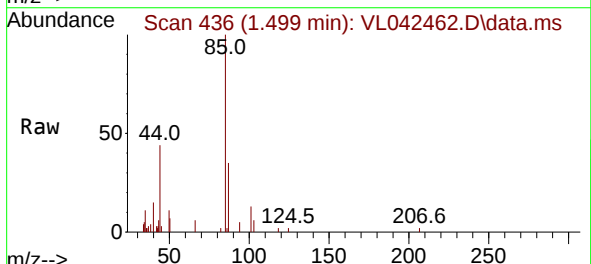
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

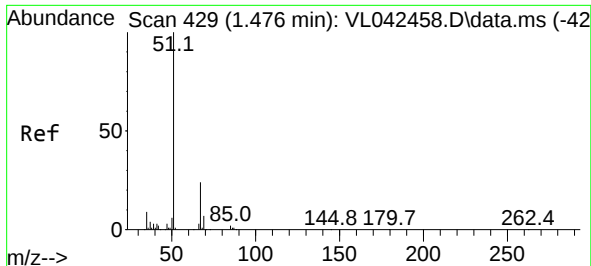
Tgt Ion: 49 Resp: 65449
Ion Ratio Lower Upper
49 100
128 46.4 23.3 69.9
130 61.9 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.098 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion: 85 Resp: 1062
Ion Ratio Lower Upper
85 100
87 35.4 26.9 40.3

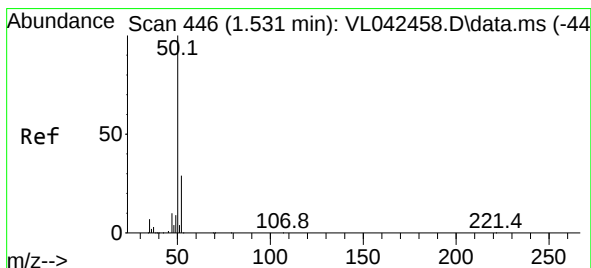
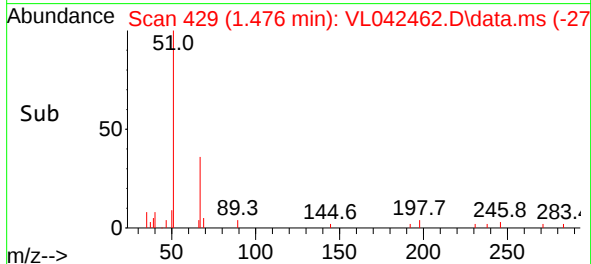
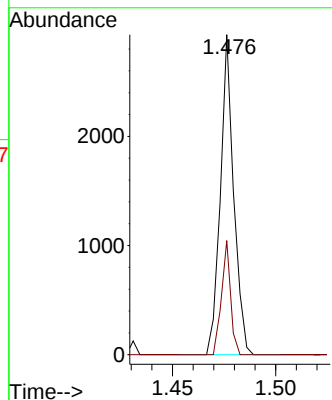
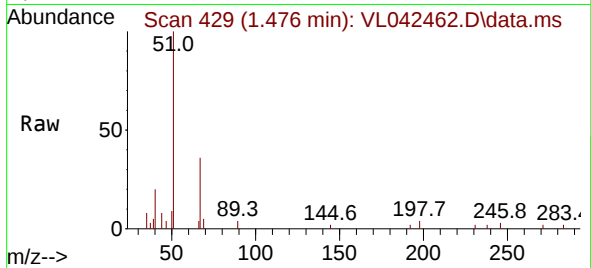




#3
Chlorodifluoromethane
Concen: 0.115 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

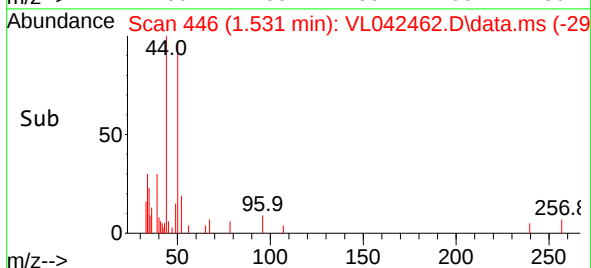
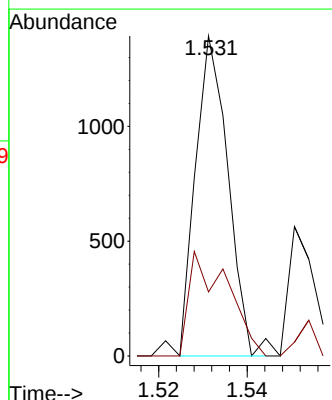
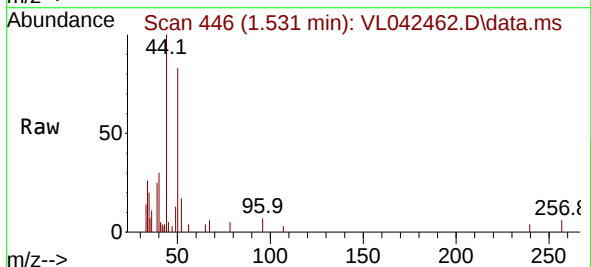
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

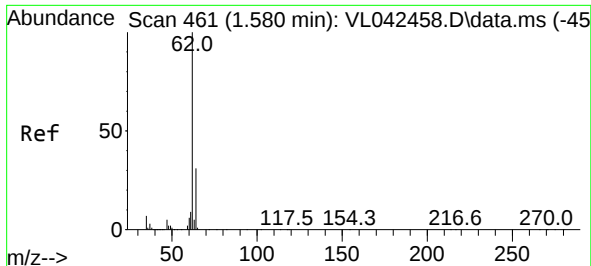
Tgt Ion: 51 Resp: 1315
Ion Ratio Lower Upper
51 100
67 24.3 18.4 27.6



#4
Chloromethane
Concen: 0.158 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion: 50 Resp: 715
Ion Ratio Lower Upper
50 100
52 20.0 23.5 35.3#

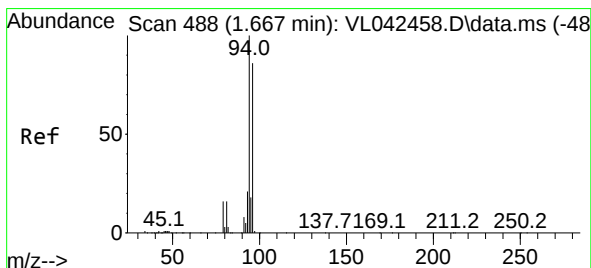
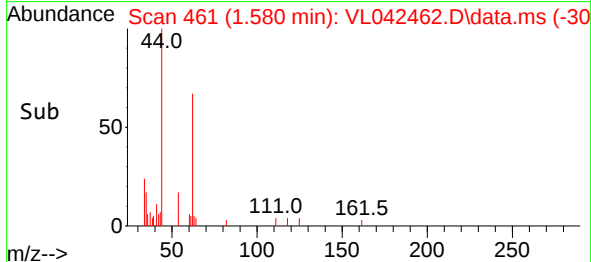
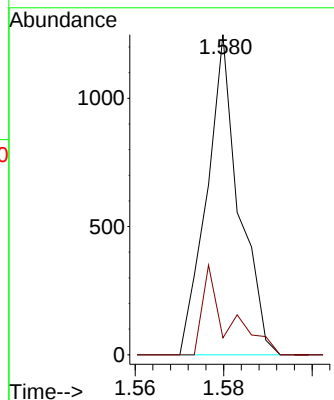
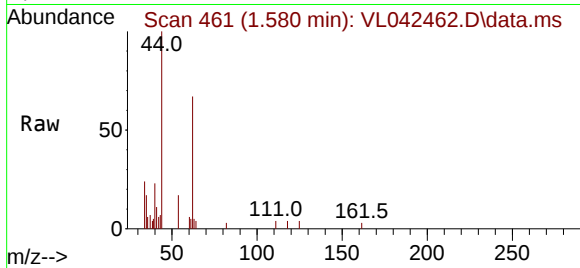




#5
 Vinyl Chloride
 Concen: 0.138 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042462.D
 Acq: 01 May 2025 11:12

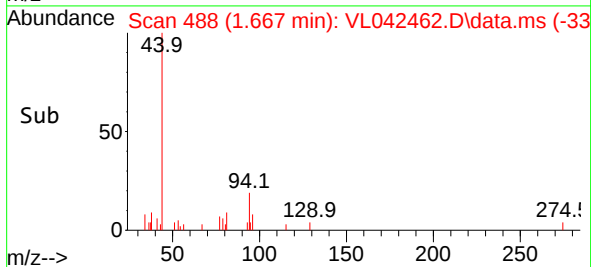
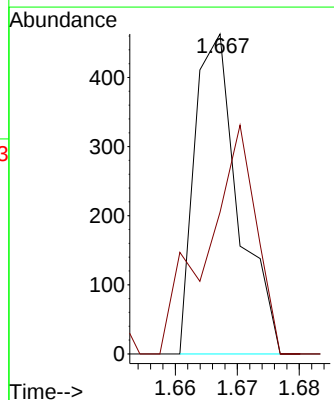
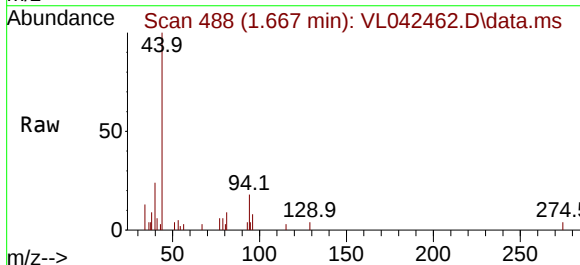
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

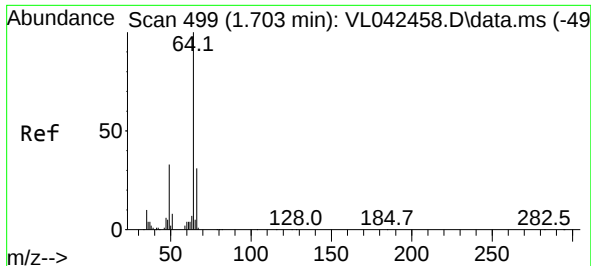
Tgt Ion: 62 Resp: 631
 Ion Ratio Lower Upper
 62 100
 64 5.3 24.9 37.3#



#6
 Bromomethane
 Concen: 0.105 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042462.D
 Acq: 01 May 2025 11:12

Tgt Ion: 94 Resp: 227
 Ion Ratio Lower Upper
 94 100
 96 36.5 68.8 103.2#

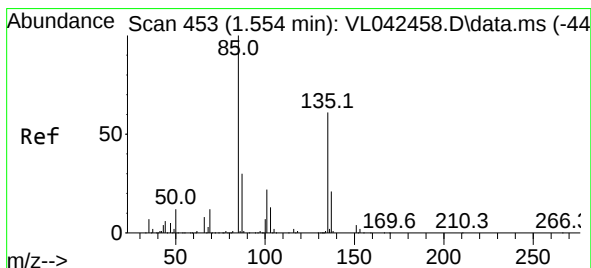
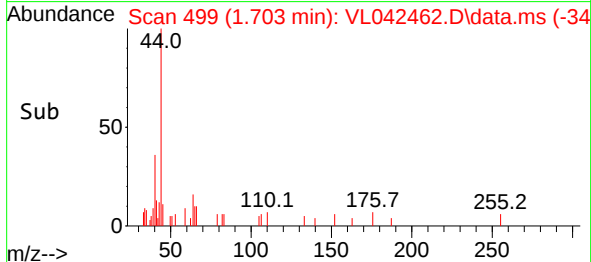
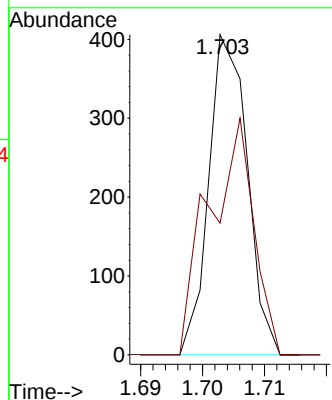
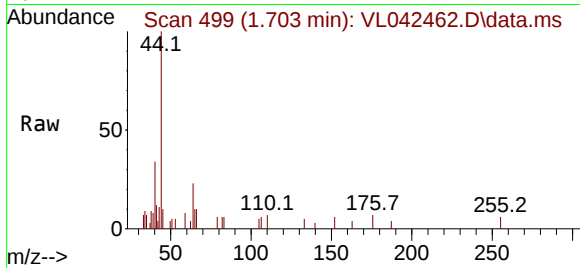




#7
Chloroethane
Concen: 0.105 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

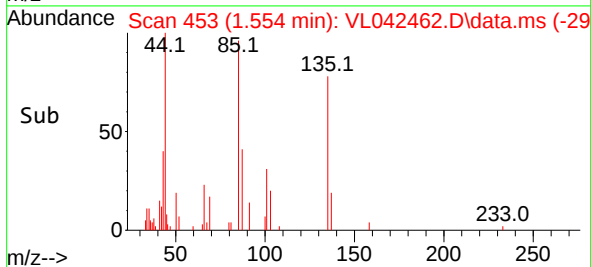
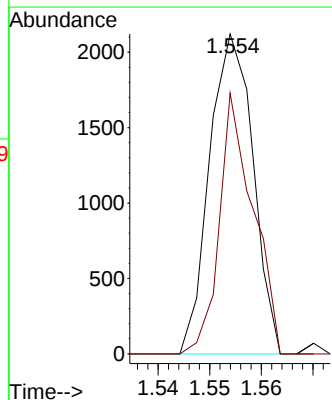
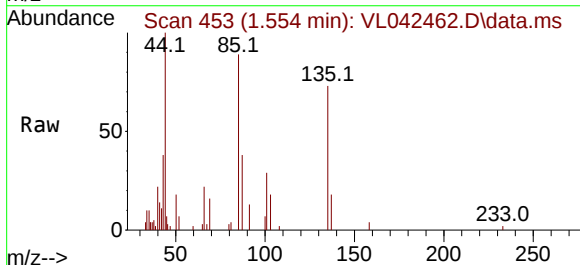
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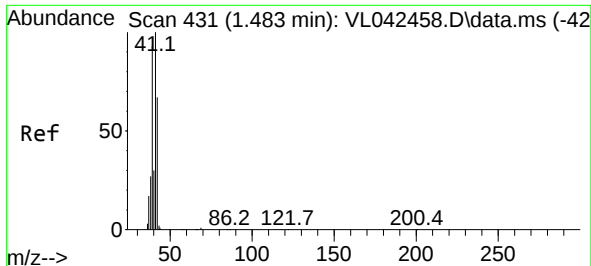
Tgt Ion: 64 Resp: 176
Ion Ratio Lower Upper
64 100
66 41.1 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.139 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion: 85 Resp: 1241
Ion Ratio Lower Upper
85 100
135 63.3 49.8 74.8

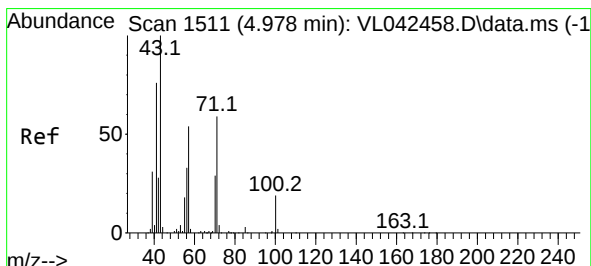
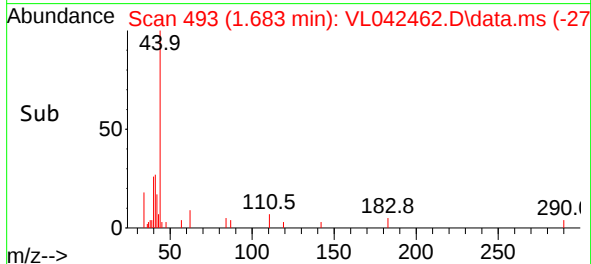
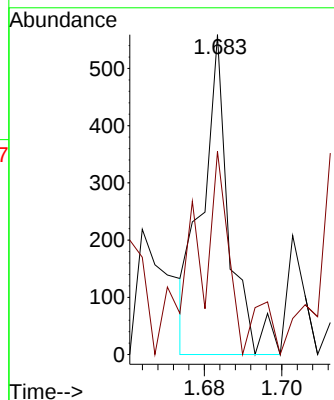
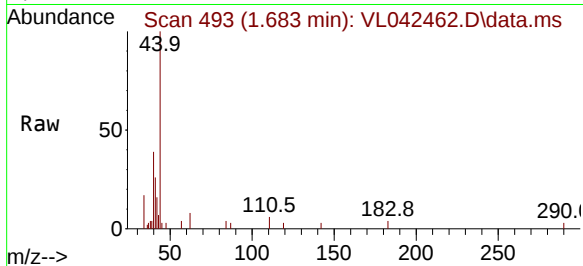




#9
 Propene
 Concen: 0.072 ppbv
 RT: 1.683 min Scan# 493
 Delta R.T. 0.201 min
 Lab File: VL042462.D
 Acq: 01 May 2025 11:12

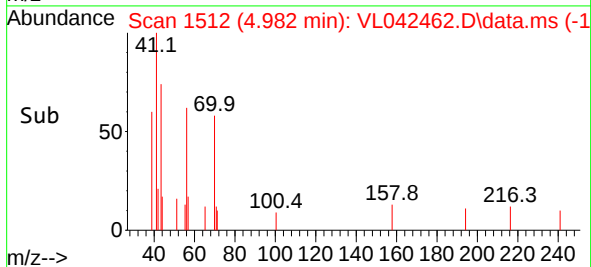
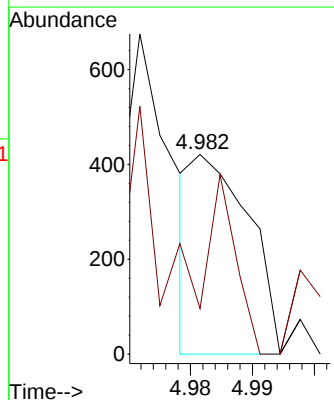
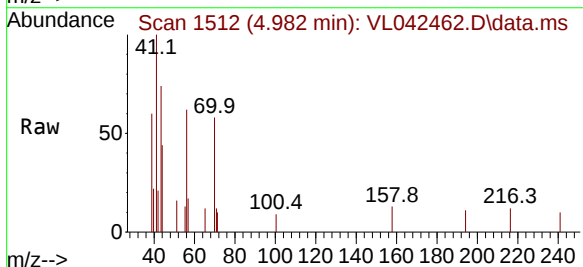
Instrument :
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 ClientSampleId :
 VSTDIC0.1

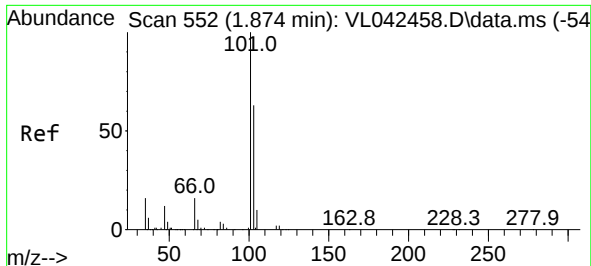
Tgt Ion: 41 Resp: 270
 Ion Ratio Lower Upper
 41 100
 42 79.6 54.3 81.5



#10
 Heptane
 Concen: 0.028 ppbv
 RT: 4.982 min Scan# 1512
 Delta R.T. 0.003 min
 Lab File: VL042462.D
 Acq: 01 May 2025 11:12

Tgt Ion: 43 Resp: 268
 Ion Ratio Lower Upper
 43 100
 57 0.0 41.8 62.8#

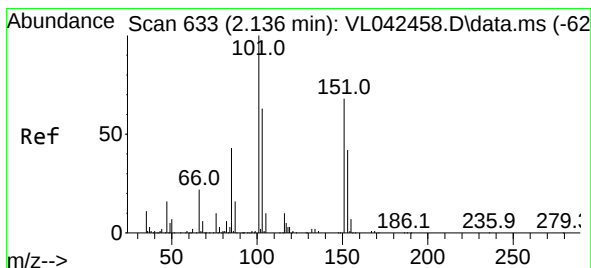
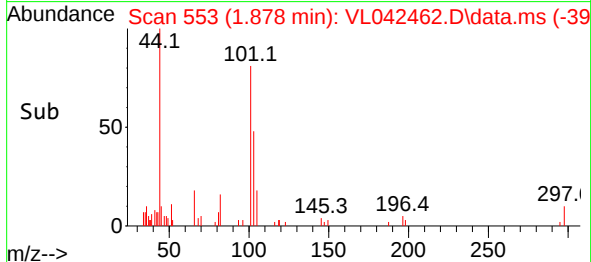
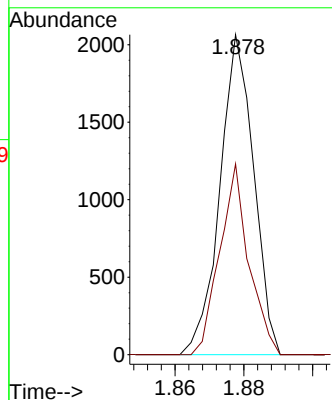
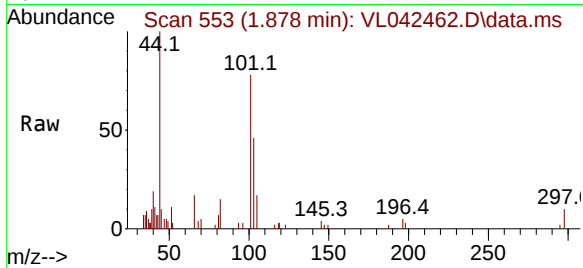




#11
 Trichlorofluoromethane
 Concen: 0.146 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL042462.D
 Acq: 01 May 2025 11:12

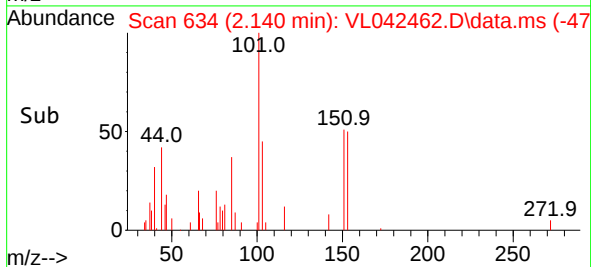
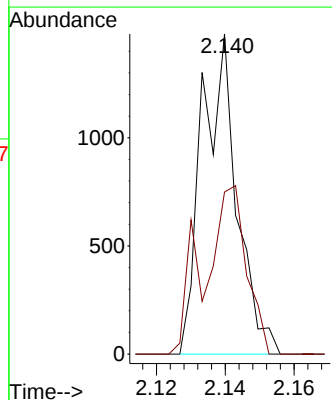
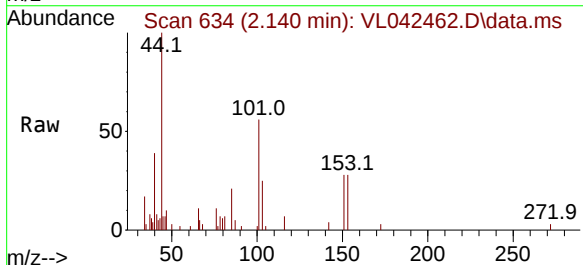
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 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

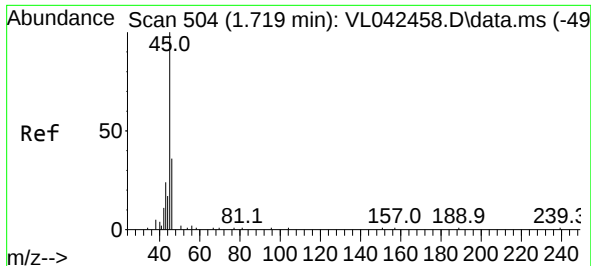
Tgt Ion:101 Resp: 1407
 Ion Ratio Lower Upper
 101 100
 103 59.6 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.131 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL042462.D
 Acq: 01 May 2025 11:12

Tgt Ion:101 Resp: 1045
 Ion Ratio Lower Upper
 101 100
 151 63.8 54.6 82.0

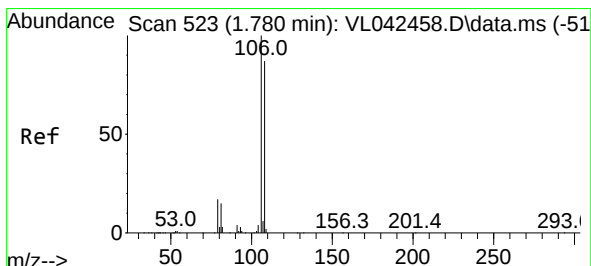
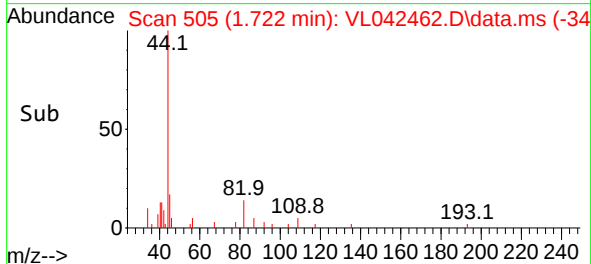
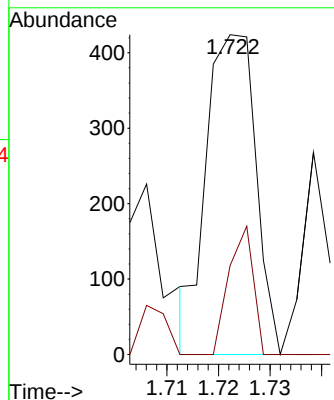
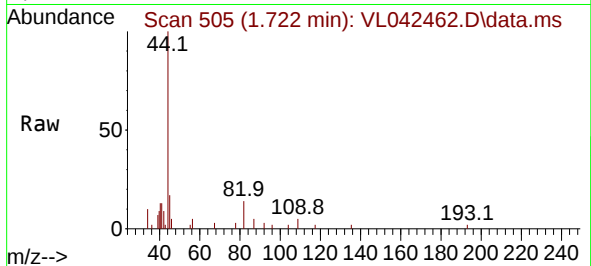




#13
Ethanol
Concen: 0.370 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

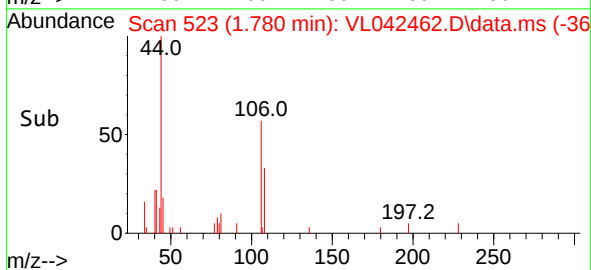
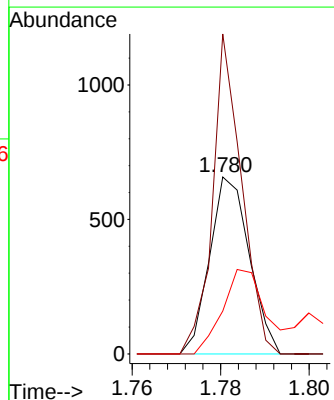
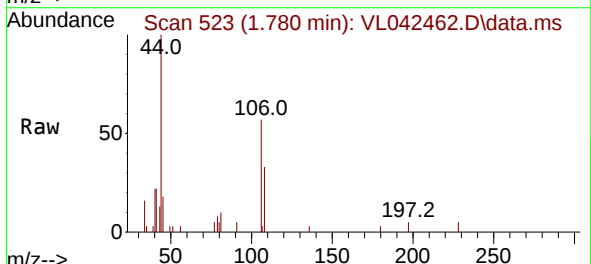
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

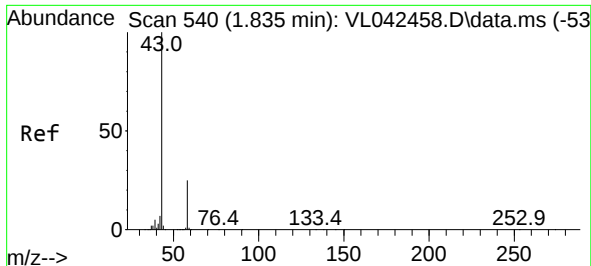
Tgt Ion: 45 Resp: 281
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1#



#14
Bromoethene
Concen: 0.139 ppbv
RT: 1.780 min Scan# 523
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion: 108 Resp: 409
Ion Ratio Lower Upper
108 100
106 132.3 88.8 133.2
79 81.9 17.1 25.7#

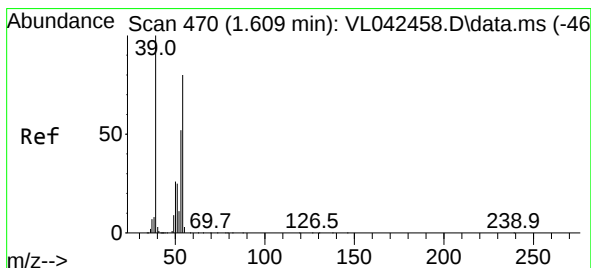
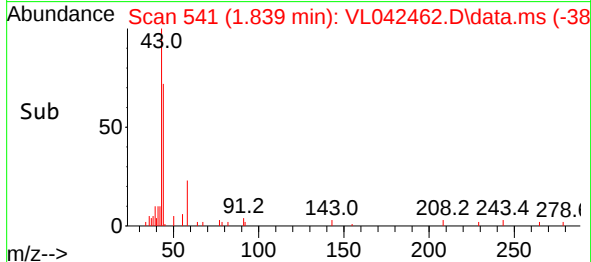
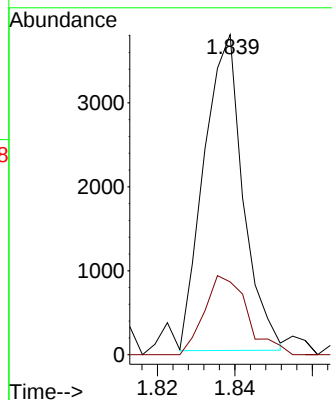
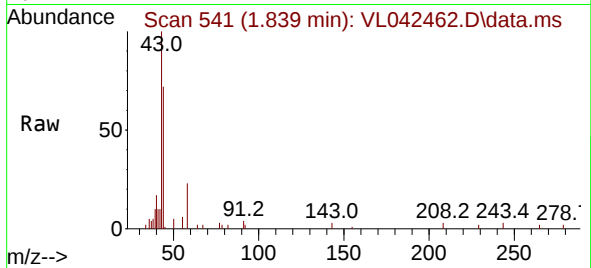




#15
Acetone
Concen: 0.221 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

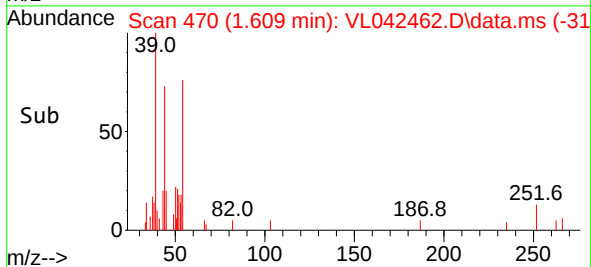
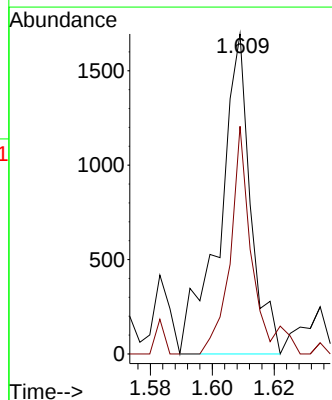
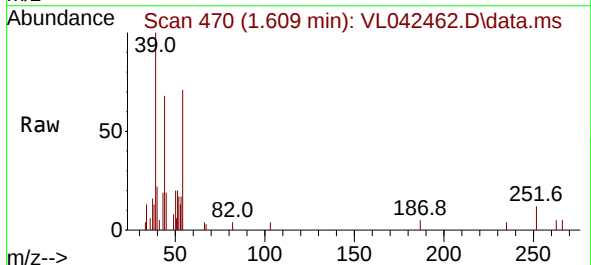
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

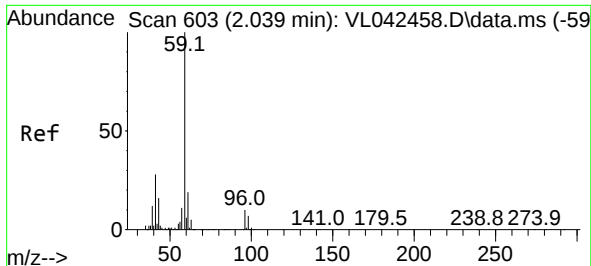
Tgt Ion: 43 Resp: 2646
Ion Ratio Lower Upper
43 100
58 27.5 19.8 29.8



#16
1,3-Butadiene
Concen: 0.222 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion: 39 Resp: 1170
Ion Ratio Lower Upper
39 100
54 52.5 55.2 82.8#





#17

tert-Butyl alcohol

Concen: 0.136 ppbv

RT: 2.043 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Instrument :

MSVOA_L

ClientSampleId :

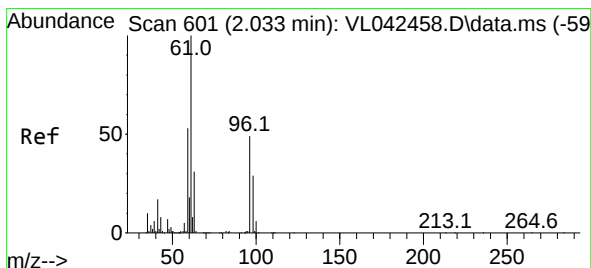
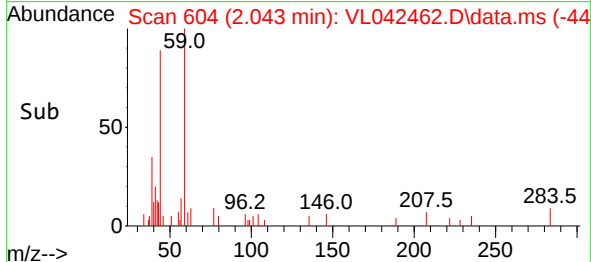
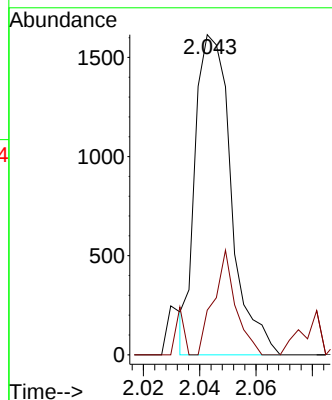
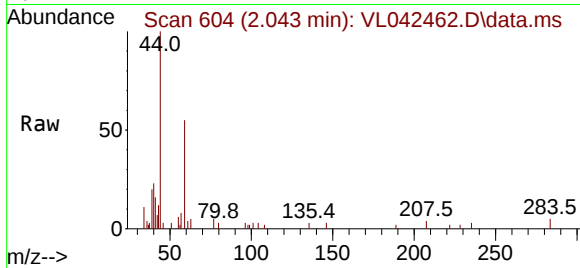
VSTDIC0.1

Tgt Ion: 59 Resp: 1429

Ion Ratio Lower Upper

59 100

57 31.1 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.161 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.000 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

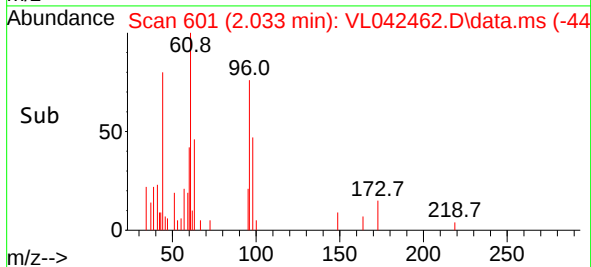
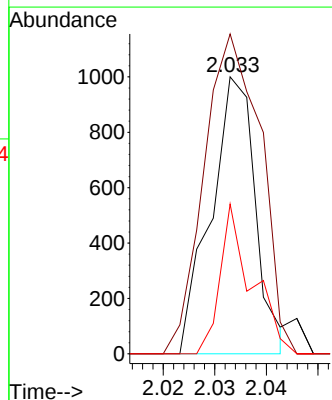
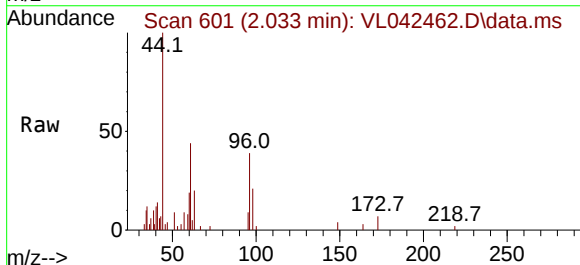
Tgt Ion: 96 Resp: 601

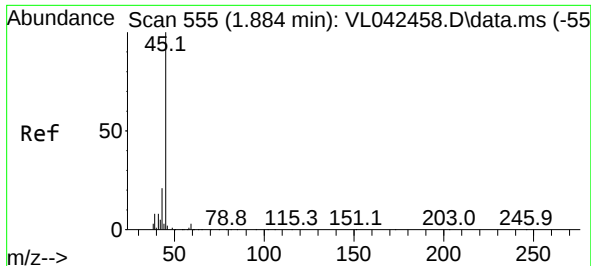
Ion Ratio Lower Upper

96 100

61 116.9 164.9 247.3#

98 54.1 48.2 72.2

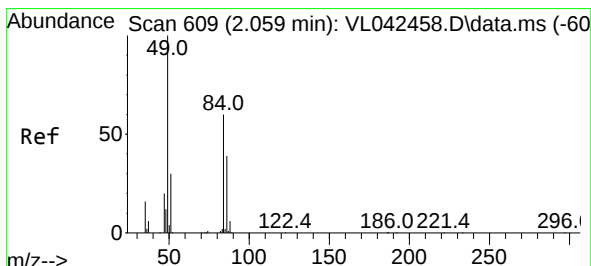
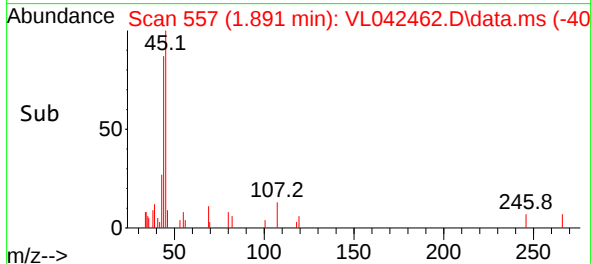
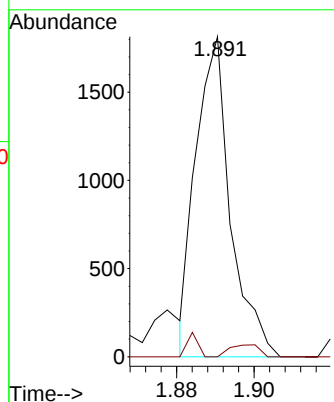
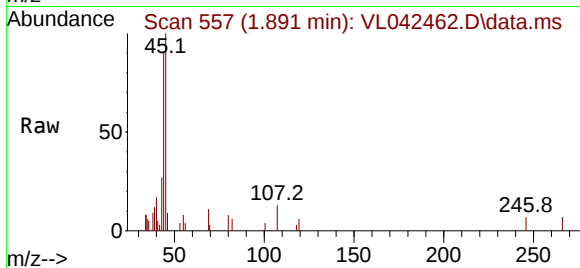




#19
Isopropyl Alcohol
Concen: 0.170 ppbv
RT: 1.891 min Scan# 511
Delta R.T. 0.007 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

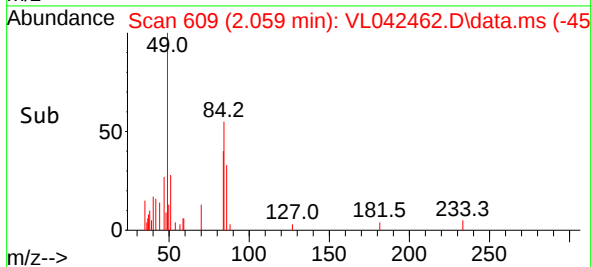
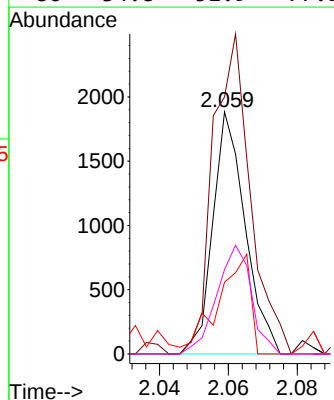
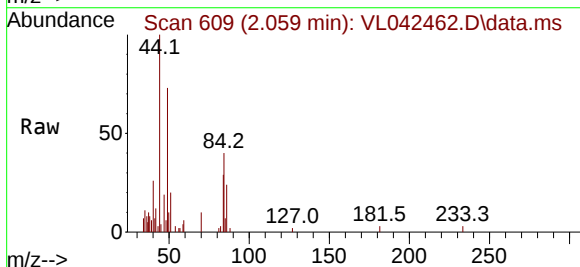
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

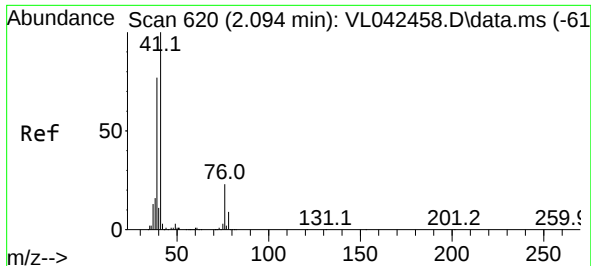
Tgt Ion: 45 Resp: 1127
Ion Ratio Lower Upper
45 100
58 5.6 1.6 2.4#



#20
Methylene Chloride
Concen: 0.343 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion: 84 Resp: 1233
Ion Ratio Lower Upper
84 100
49 116.1 133.9 200.9#
51 29.7 41.0 61.6#
86 34.8 51.9 77.9#

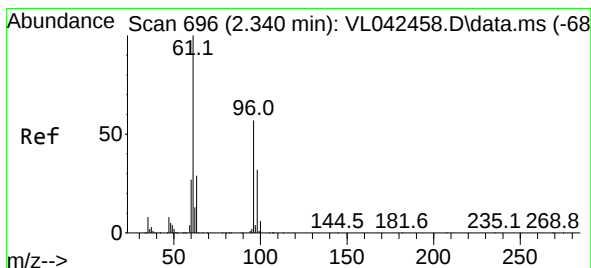
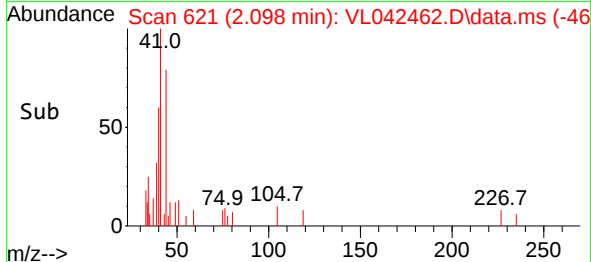
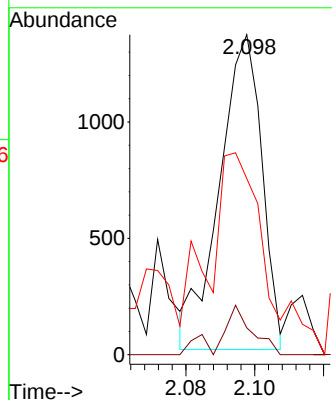
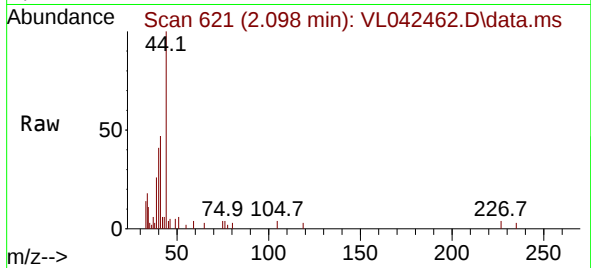




#21
 Allyl Chloride
 Concen: 0.151 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042462.D
 Acq: 01 May 2025 11:12

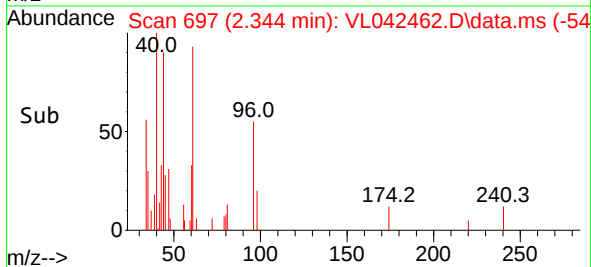
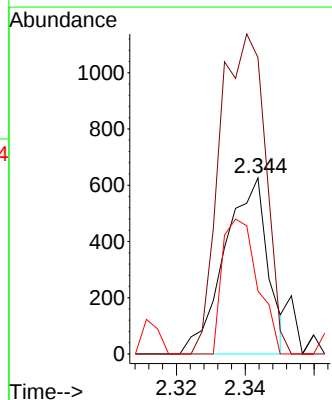
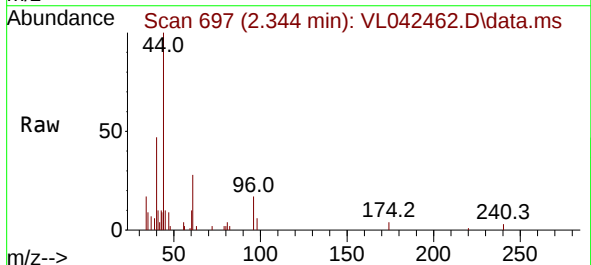
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

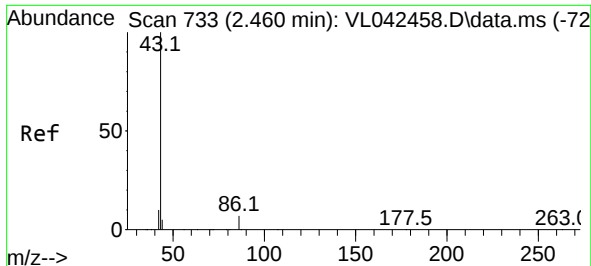
Tgt Ion: 41 Resp: 1159
 Ion Ratio Lower Upper
 41 100
 76 12.0 19.6 29.4#
 39 108.1 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.125 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.003 min
 Lab File: VL042462.D
 Acq: 01 May 2025 11:12

Tgt Ion: 96 Resp: 544
 Ion Ratio Lower Upper
 96 100
 61 168.4 141.8 212.6
 98 35.8 45.0 67.6#

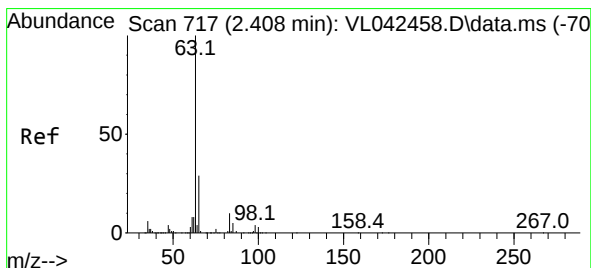
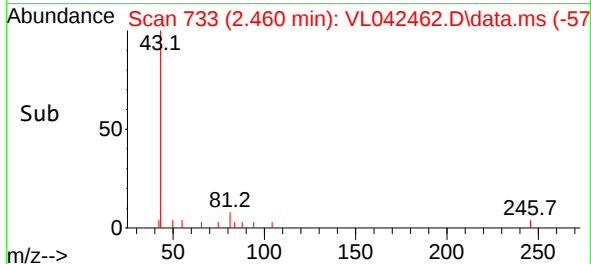
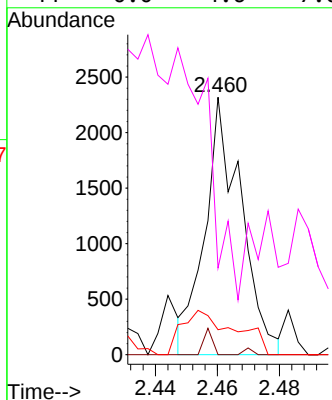
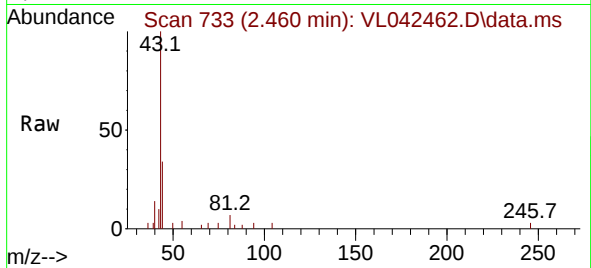




#23
 Vinyl Acetate
 Concen: 0.168 ppbv
 RT: 2.460 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042462.D
 Acq: 01 May 2025 11:12

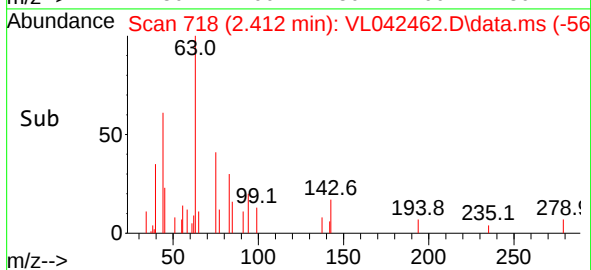
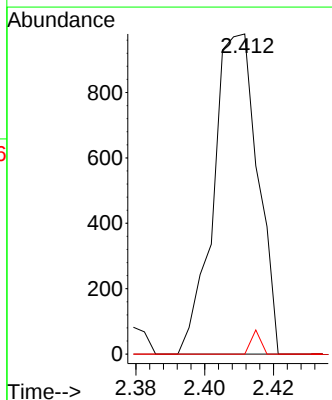
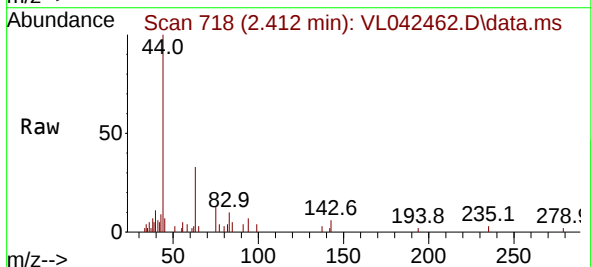
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

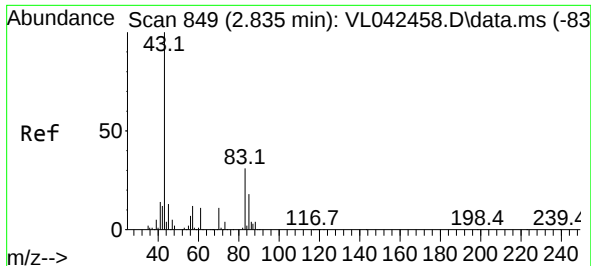
Tgt Ion:	43	Resp:	1870
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.5	8.3#
42	10.3	8.3	12.5
44	0.0	4.6	7.0#



#24
 1,1-Dichloroethane
 Concen: 0.099 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042462.D
 Acq: 01 May 2025 11:12

Tgt Ion:	63	Resp:	875
Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.5#
100	0.0	1.4	4.2#

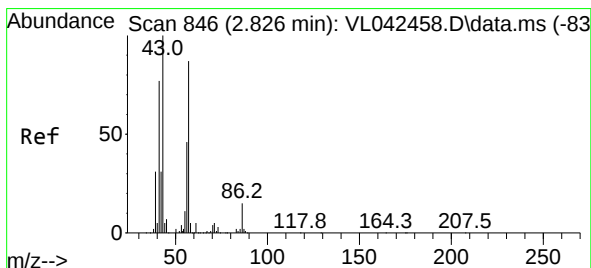
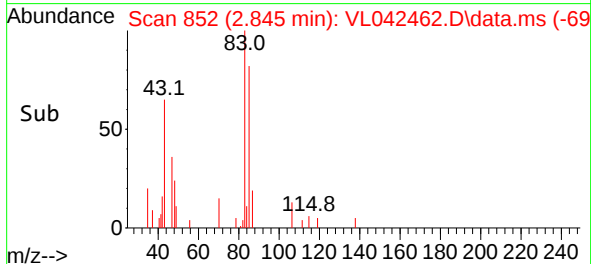
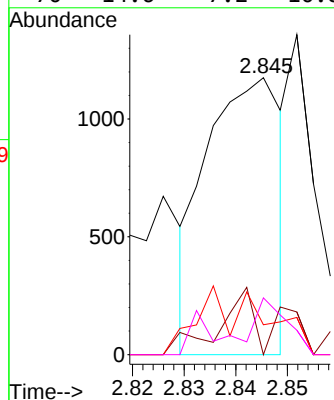
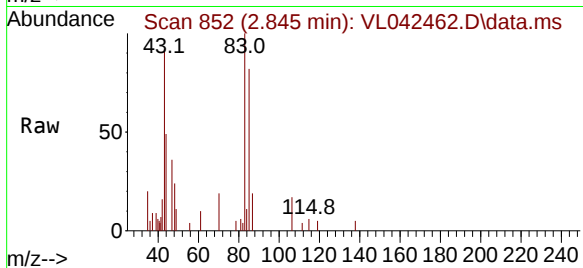




#25
Ethyl Acetate
Concen: 0.062 ppbv
RT: 2.845 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

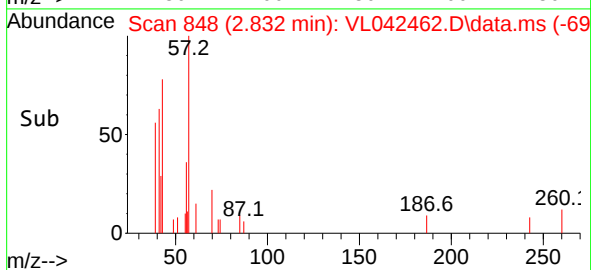
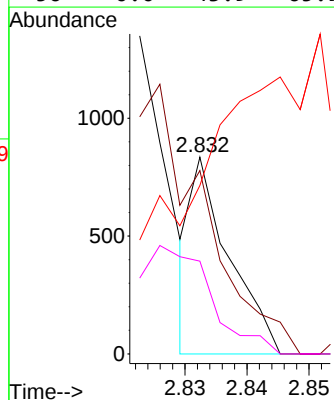
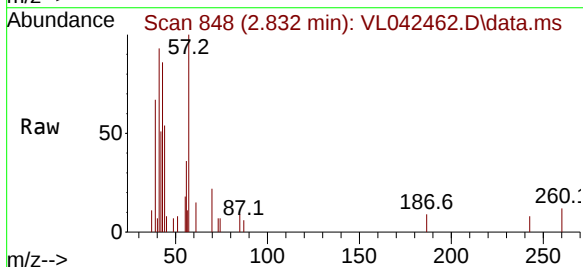
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

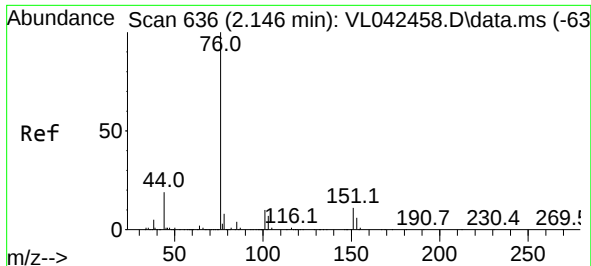
Tgt Ion:	43	Resp:	1182
Ion	Ratio	Lower	Upper
43	100		
45	19.0	7.8	11.6#
61	26.3	7.2	10.8#
70	14.6	7.2	10.8#



#26
Hexane
Concen: 0.043 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.007 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion:	57	Resp:	355
Ion	Ratio	Lower	Upper
57	100		
41	0.0	77.8	116.8#
43	647.0	187.0	280.6#
56	0.0	43.9	65.9#





#27

Carbon Disulfide

Concen: 0.145 ppbv

RT: 2.149 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

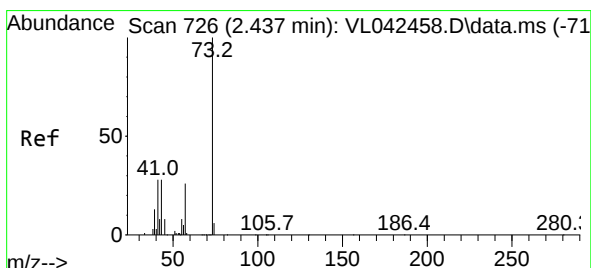
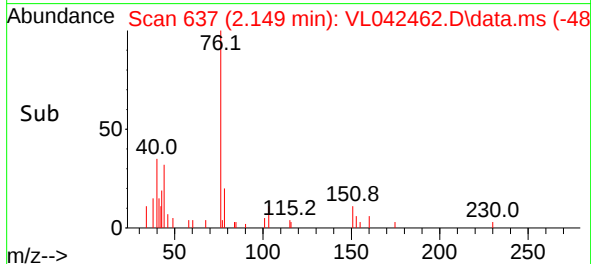
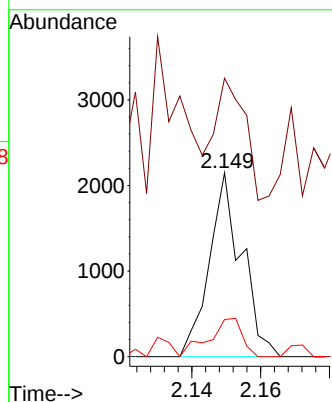
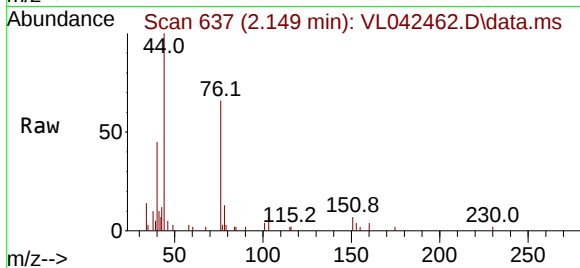
Tgt Ion: 76 Resp: 1407

Ion Ratio Lower Upper

76 100

44 508.0 21.0 31.6#

78 34.0 8.6 13.0#



#28

Methyl tert-Butyl Ether

Concen: 0.141 ppbv

RT: 2.444 min Scan# 728

Delta R.T. 0.007 min

Lab File: VL042462.D

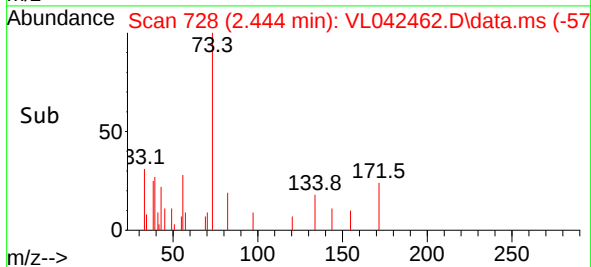
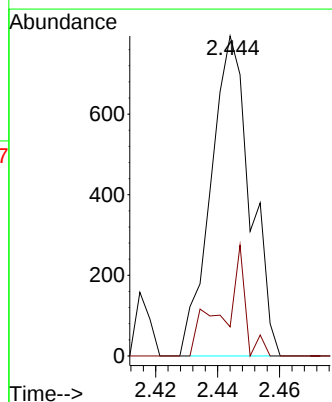
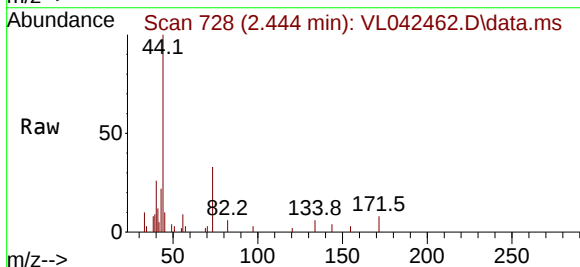
Acq: 01 May 2025 11:12

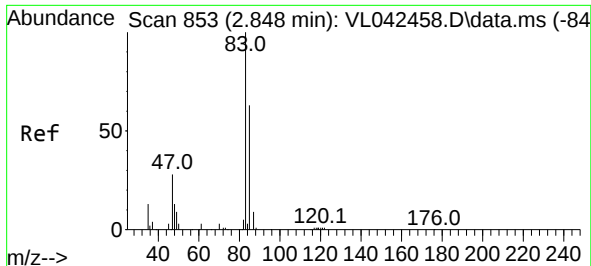
Tgt Ion: 73 Resp: 704

Ion Ratio Lower Upper

73 100

57 19.7 19.9 29.9#





#29

Chloroform

Concen: 0.112 ppbv

RT: 2.849 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Instrument :

MSVOA_L

ClientSampleId :

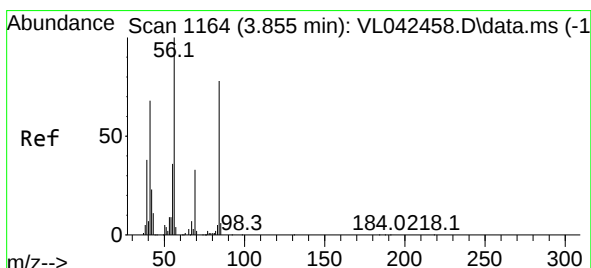
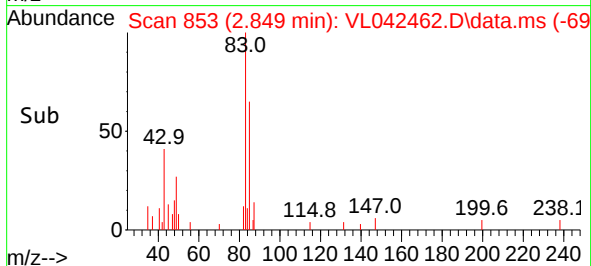
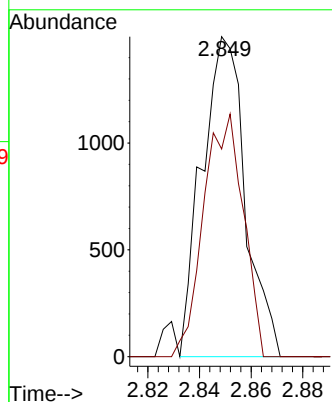
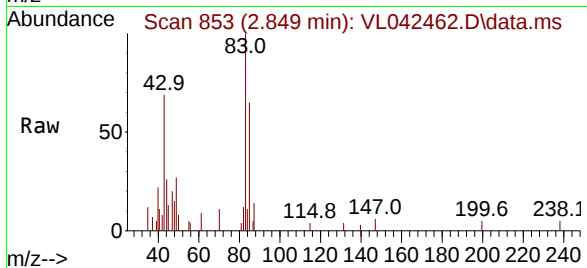
VSTDICC0.1

Tgt Ion: 83 Resp: 1748

Ion Ratio Lower Upper

83 100

85 64.9 50.4 75.6



#30

Cyclohexane

Concen: 0.037 ppbv

RT: 3.862 min Scan# 1166

Delta R.T. 0.007 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

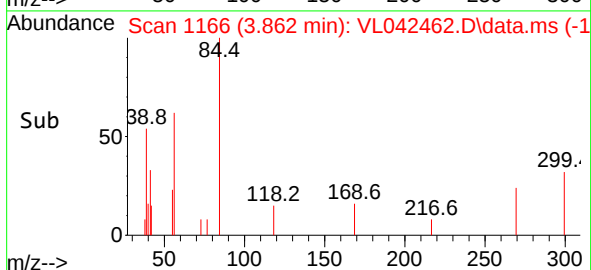
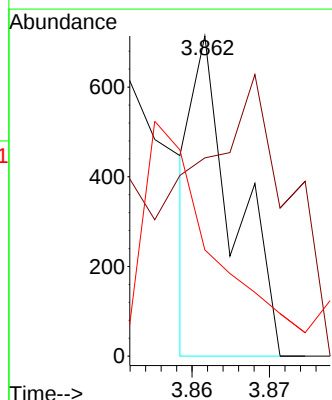
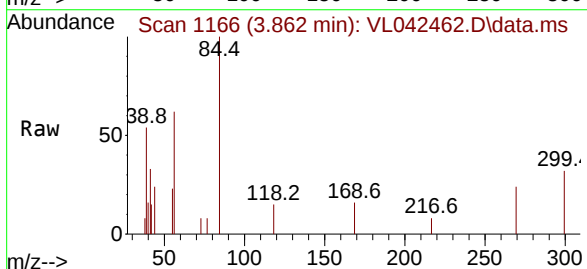
Tgt Ion: 84 Resp: 257

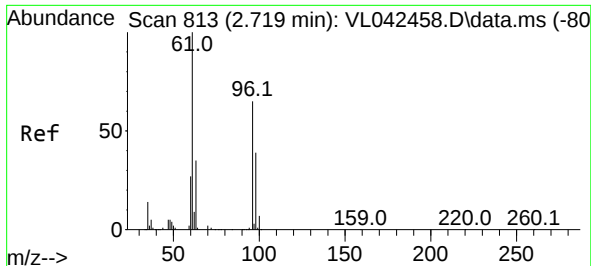
Ion Ratio Lower Upper

84 100

56 344.4 98.1 147.1#

41 0.0 65.8 98.8#

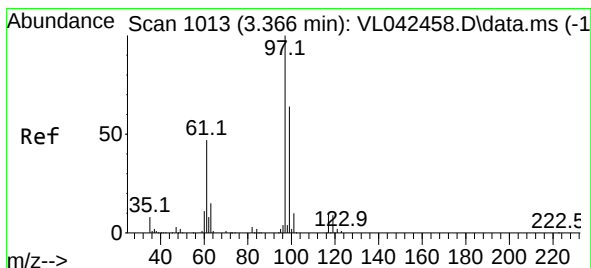
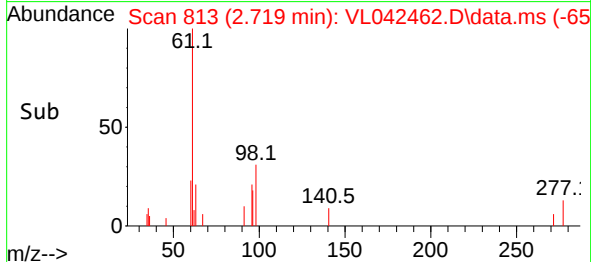
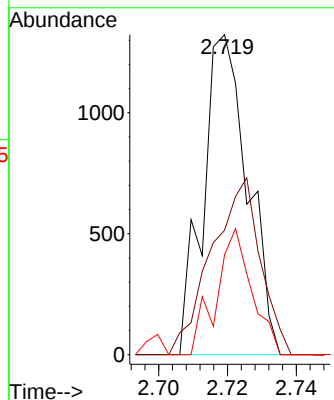
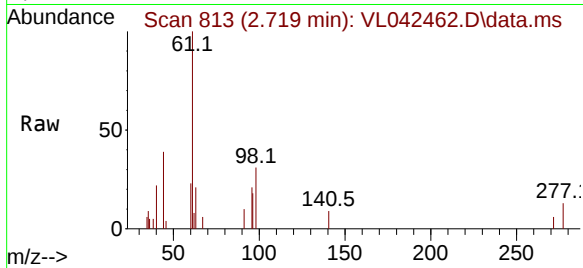




#31
 cis-1,2-Dichloroethene
 Concen: 0.123 ppbv
 RT: 2.719 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: VL042462.D
 Acq: 01 May 2025 11:12

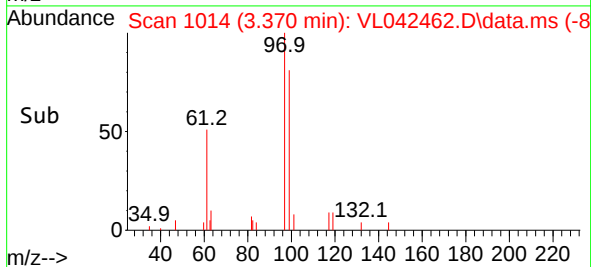
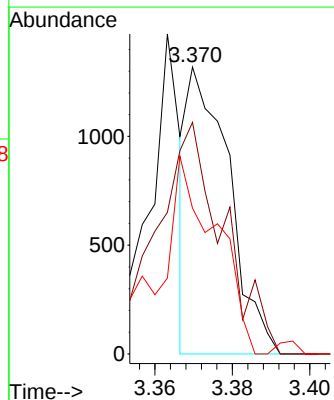
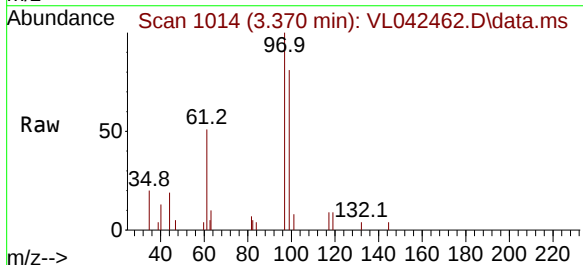
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

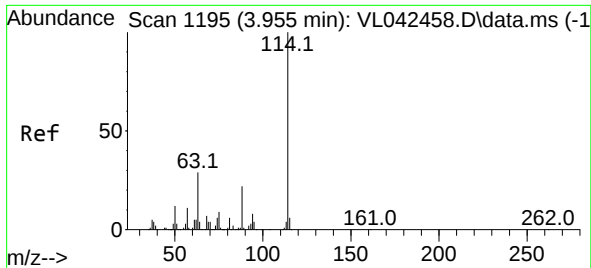
Tgt Ion: 61 Resp: 1193
 Ion Ratio Lower Upper
 61 100
 96 31.9 52.0 78.0#
 98 31.1 31.0 46.6



#32
 1,1,1-Trichloroethane
 Concen: 0.058 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. 0.003 min
 Lab File: VL042462.D
 Acq: 01 May 2025 11:12

Tgt Ion: 97 Resp: 978
 Ion Ratio Lower Upper
 97 100
 99 128.3 50.7 76.1#
 61 98.0 40.9 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.003 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

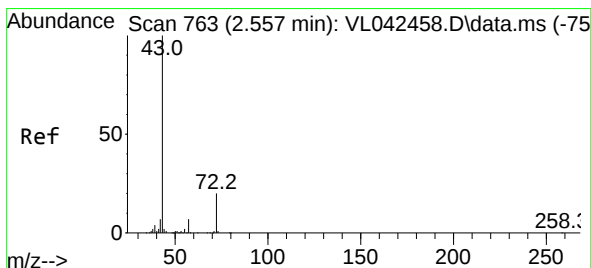
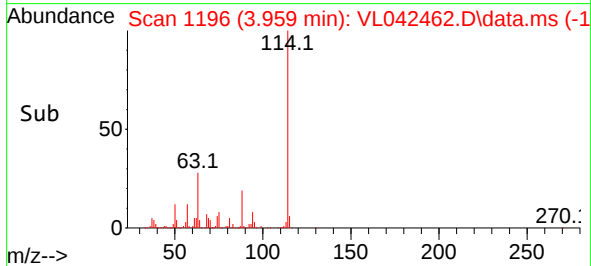
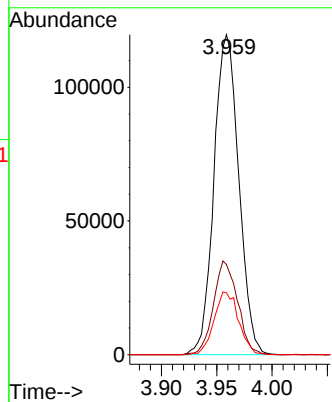
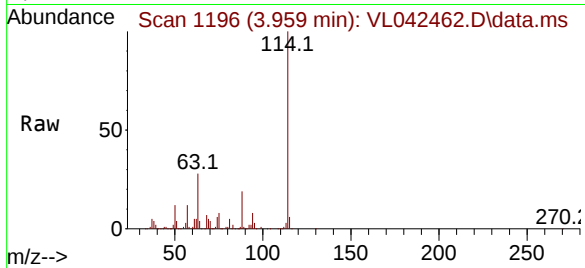
Tgt Ion:114 Resp: 186907

Ion Ratio Lower Upper

114 100

63 28.4 23.1 34.7

88 19.4 16.1 24.1



#34

2-Butanone

Concen: 0.025 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.003 min

Lab File: VL042462.D

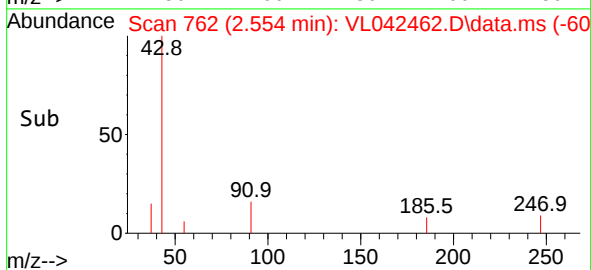
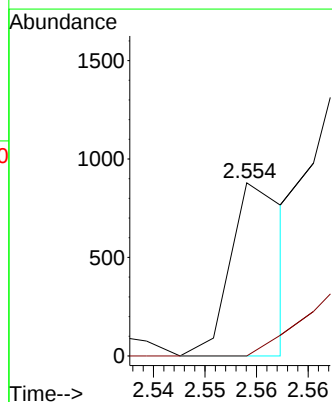
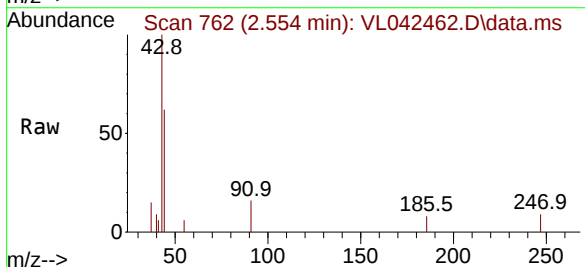
Acq: 01 May 2025 11:12

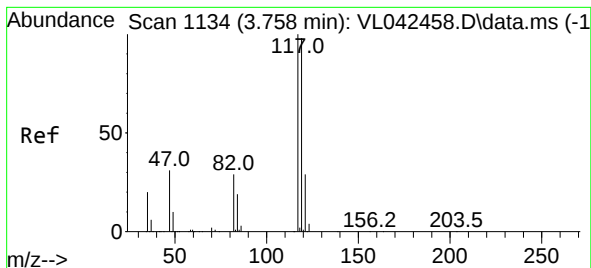
Tgt Ion: 43 Resp: 337

Ion Ratio Lower Upper

43 100

72 0.0 16.7 25.1#





#35

Carbon Tetrachloride

Concen: 0.092 ppbv

RT: 3.758 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

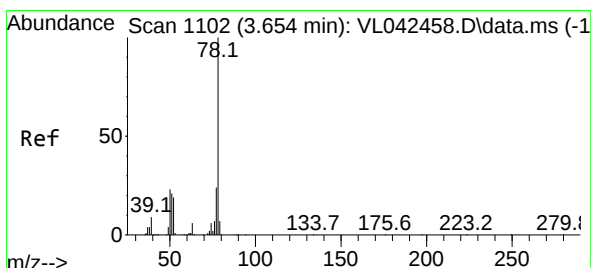
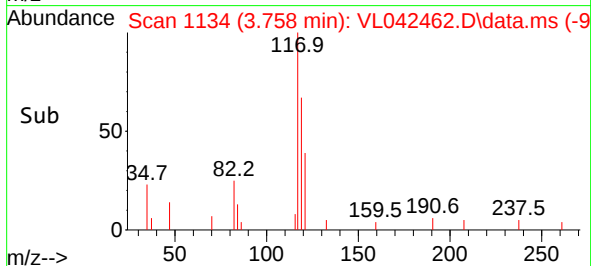
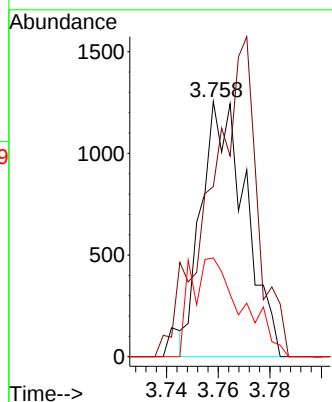
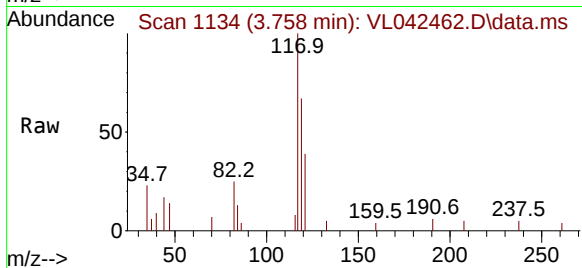
Tgt Ion:117 Resp: 1493

Ion Ratio Lower Upper

117 100

119 46.1 78.1 117.1#

121 38.7 23.0 34.6#



#36

Benzene

Concen: 0.085 ppbv

RT: 3.651 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

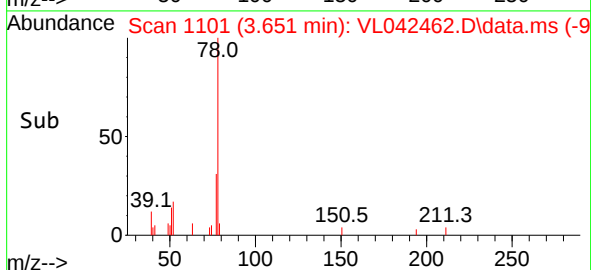
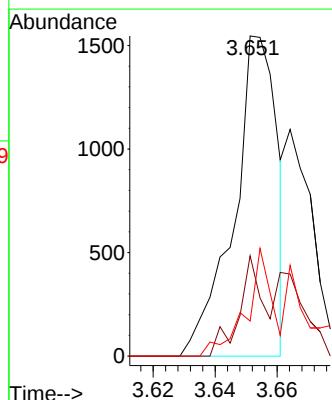
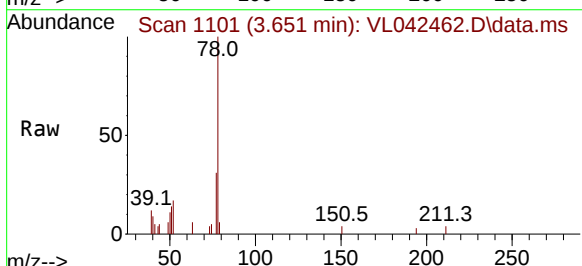
Tgt Ion: 78 Resp: 1494

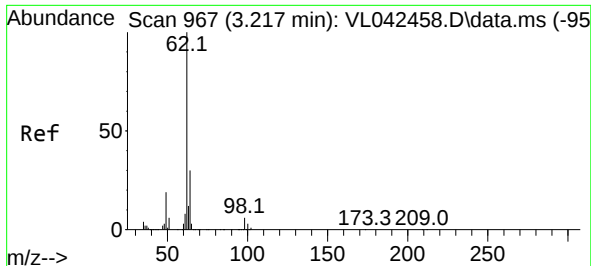
Ion Ratio Lower Upper

78 100

77 31.3 18.9 28.3#

50 10.9 18.4 27.6#





#37

1,2-Dichloroethane

Concen: 0.037 ppbv

RT: 3.227 min Scan# 91

Delta R.T. 0.010 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Instrument :

MSVOA_1

ClientSampleId :

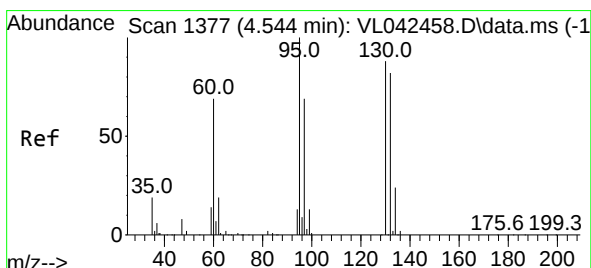
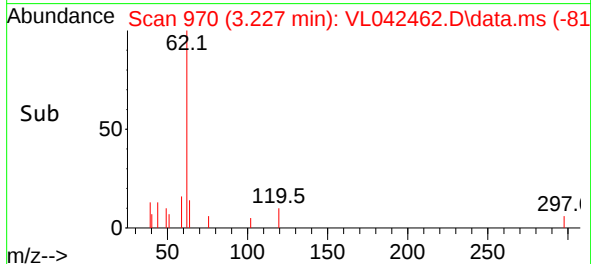
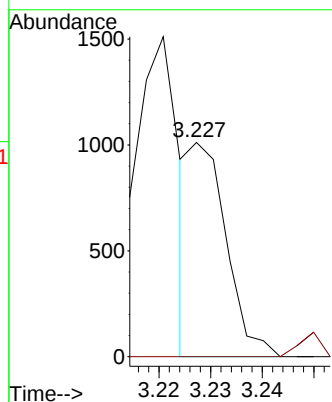
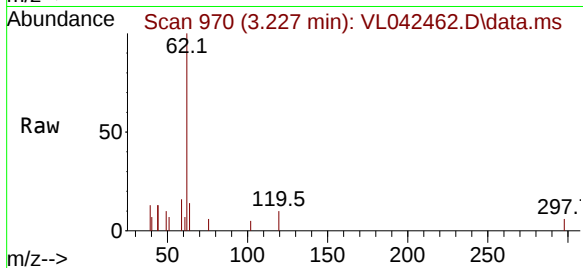
VSTDIC0.1

Tgt Ion: 62 Resp: 499

Ion Ratio Lower Upper

62 100

98 0.0 4.3 6.5#



#38

Trichloroethene

Concen: 0.071 ppbv

RT: 4.551 min Scan# 1379

Delta R.T. 0.007 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Tgt Ion:130 Resp: 478

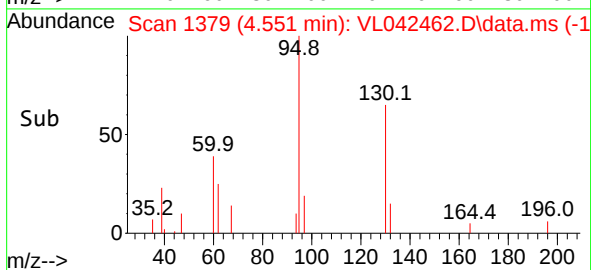
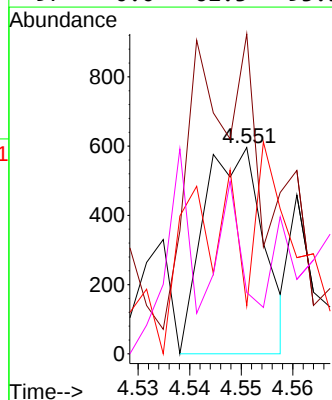
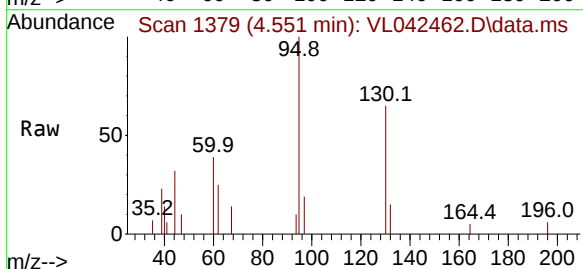
Ion Ratio Lower Upper

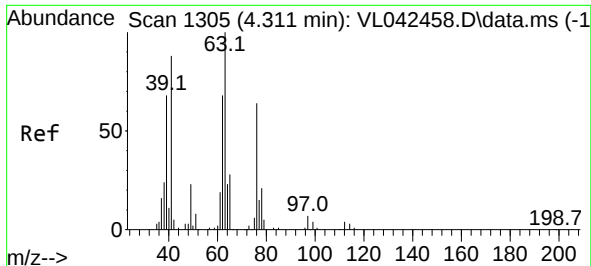
130 100

95 95.5 91.0 136.4

132 0.0 74.2 111.4#

97 0.0 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 8.026 ppbv

RT: 3.956 min Scan# 1195

Delta R.T. -0.356 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

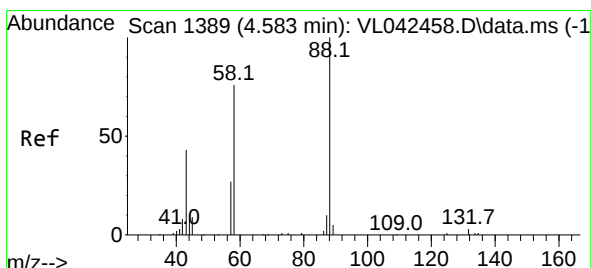
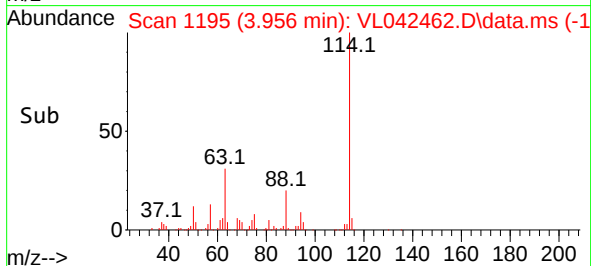
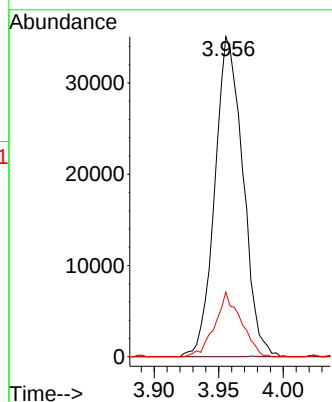
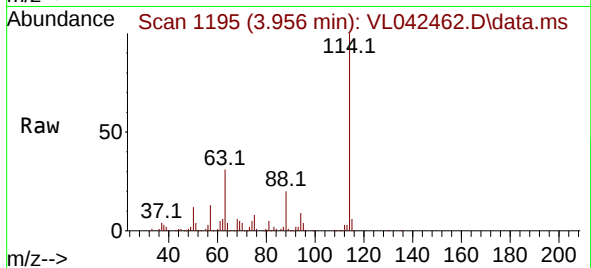
Tgt Ion: 63 Resp: 53030

Ion Ratio Lower Upper

63 100

41 0.0 69.8 104.6#

62 20.2 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.019 ppbv

RT: 4.616 min Scan# 1399

Delta R.T. 0.033 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Tgt Ion: 88 Resp: 59

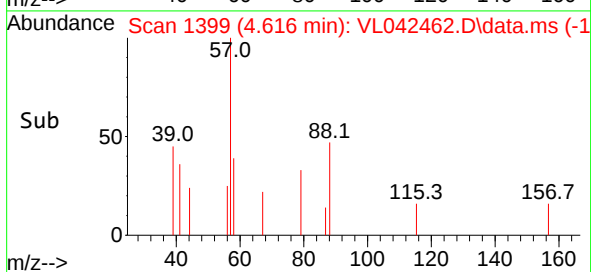
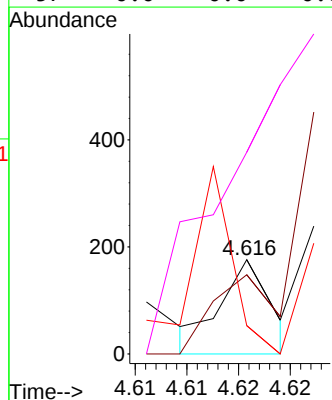
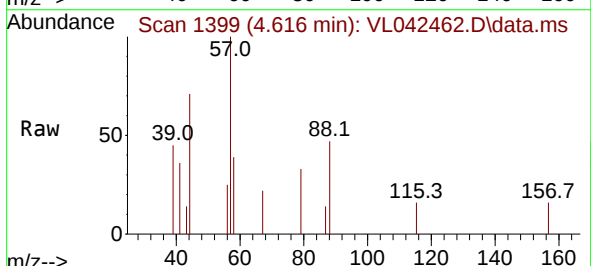
Ion Ratio Lower Upper

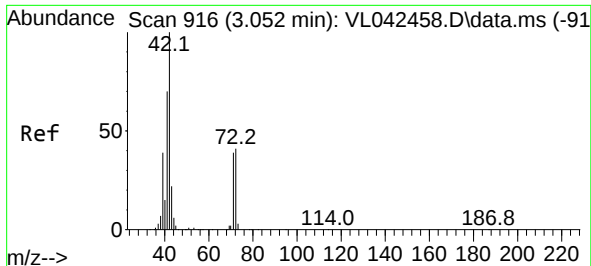
88 100

58 0.0 0.0 0.0

43 0.0 0.0 0.0

57 0.0 0.0 0.0

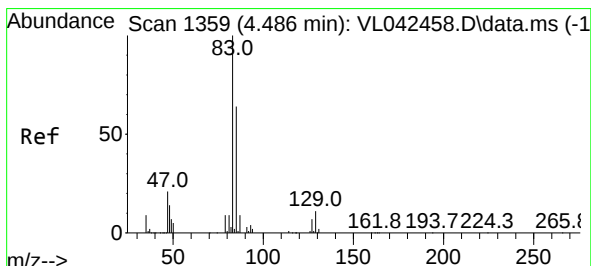
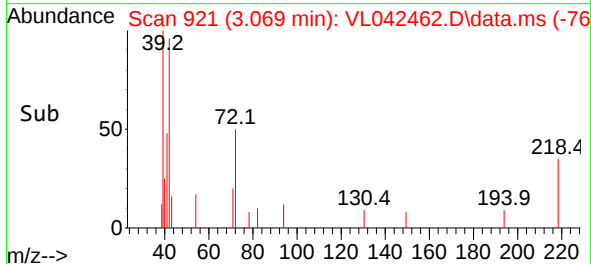
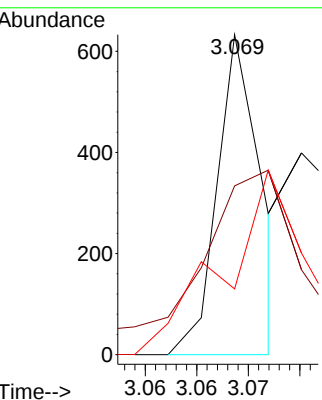
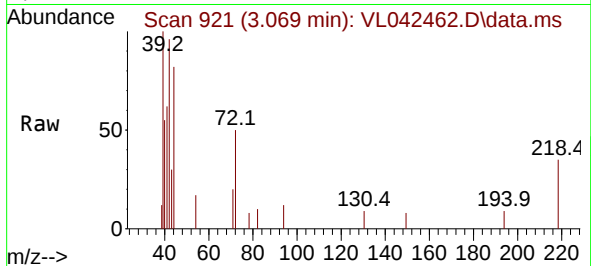




#41
Tetrahydrofuran
Concen: 0.030 ppbv
RT: 3.069 min Scan# 916
Delta R.T. 0.016 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

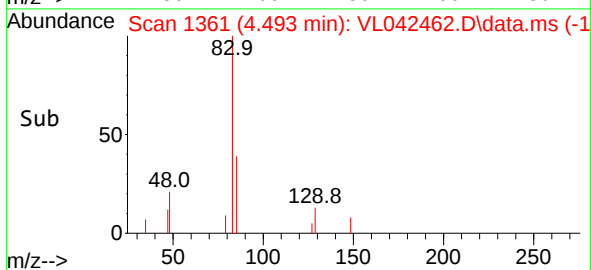
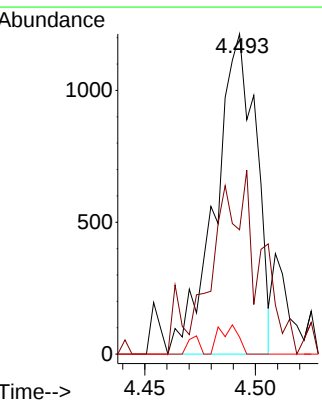
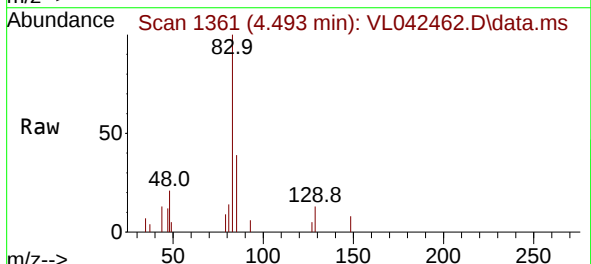
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

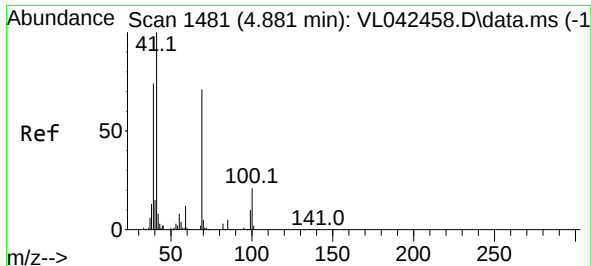
Tgt Ion: 42 Resp: 191
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 0.0 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.093 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. 0.007 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion: 83 Resp: 1546
Ion Ratio Lower Upper
83 100
85 38.8 51.5 77.3#
127 5.3 5.4 8.2#

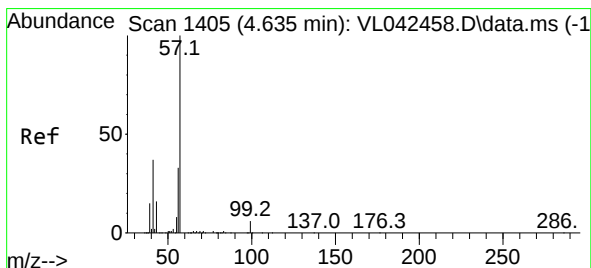
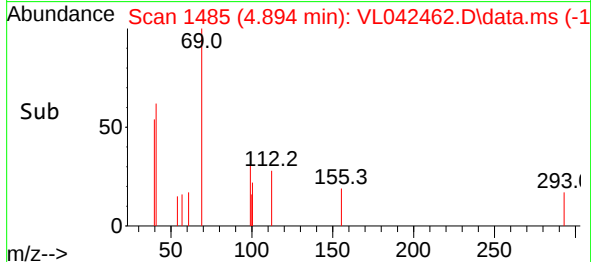
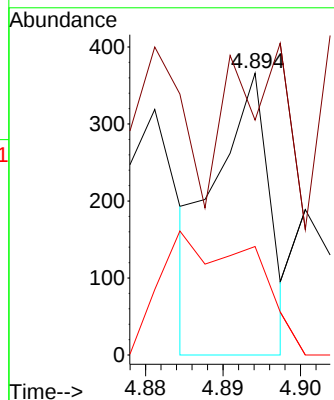
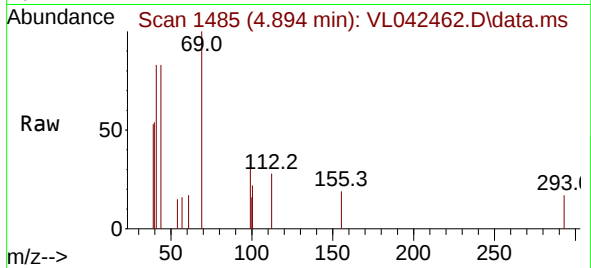




#43
Methyl Methacrylate
Concen: 0.027 ppbv
RT: 4.894 min Scan# 1485
Delta R.T. 0.013 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

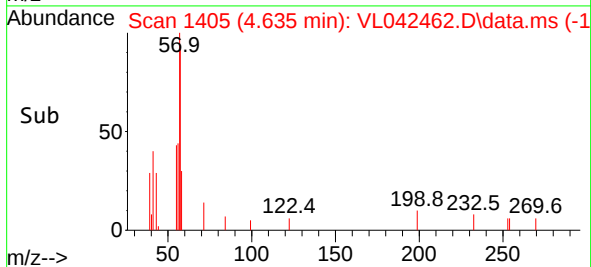
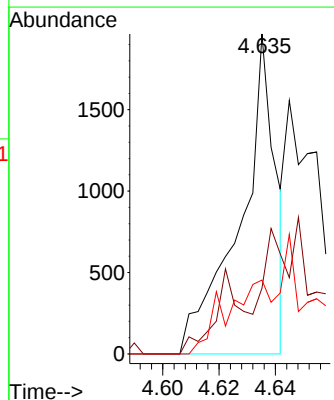
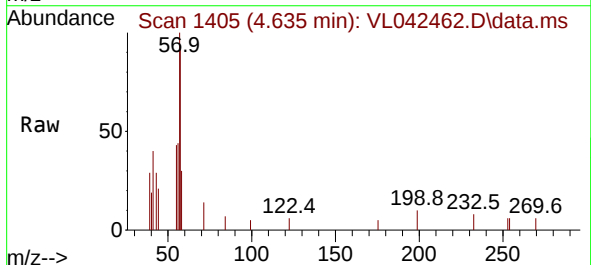
Instrument : MSVOA_1
ClientSampleId : VSTDIC0.1

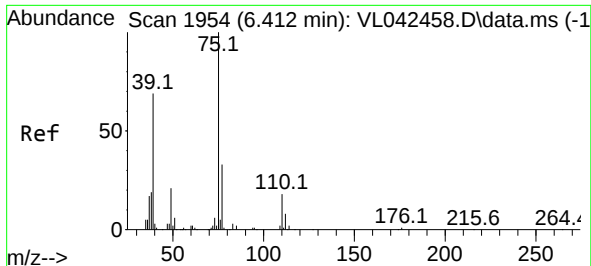
Tgt Ion: 69 Resp: 179
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2#
100 74.9 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.060 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion: 57 Resp: 1699
Ion Ratio Lower Upper
57 100
41 0.0 30.6 45.8#
56 0.0 25.0 37.6#





#45

t-1,3-Dichloropropene

Concen: 0.016 ppbv

RT: 6.419 min Scan# 1954

Delta R.T. 0.007 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Instrument :

MSVOA_1

ClientSampleId :

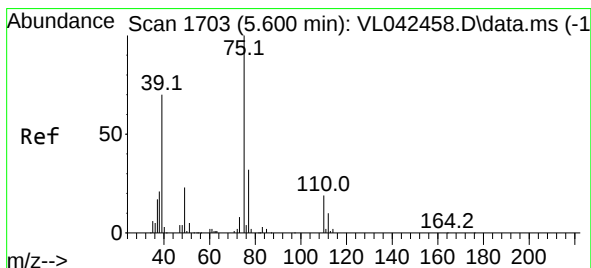
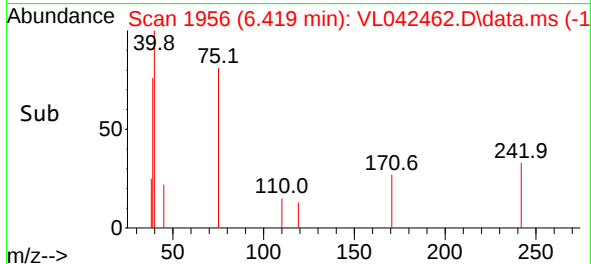
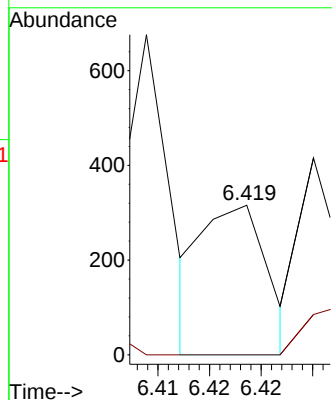
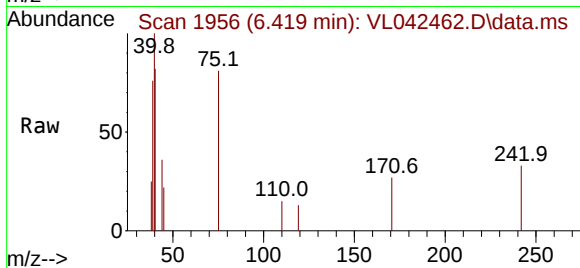
VSTDIC0.1

Tgt Ion: 75 Resp: 137

Ion Ratio Lower Upper

75 100

77 0.0 26.3 39.5#



#46

cis-1,3-Dichloropropene

Concen: 0.033 ppbv

RT: 5.603 min Scan# 1704

Delta R.T. 0.003 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

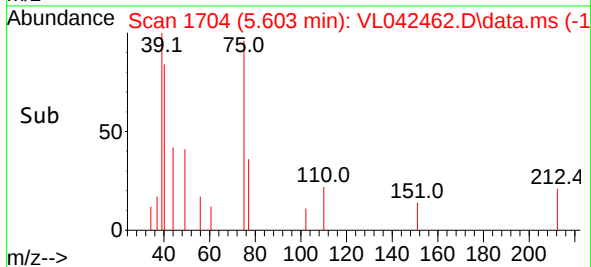
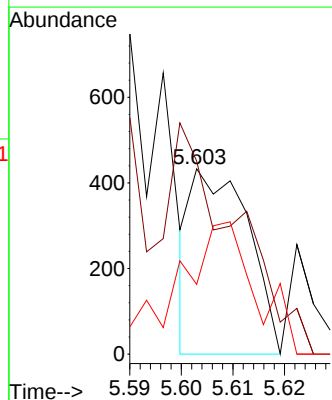
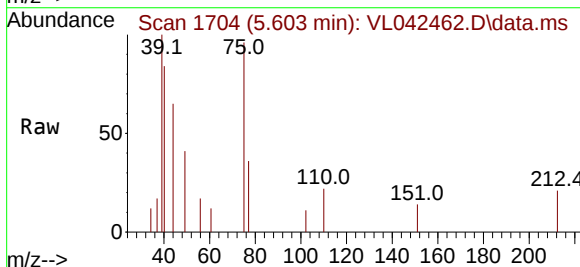
Tgt Ion: 75 Resp: 334

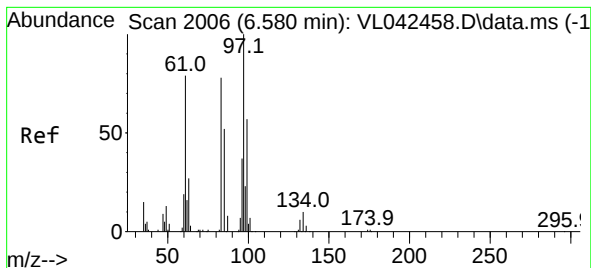
Ion Ratio Lower Upper

75 100

39 86.8 55.7 83.5#

77 0.0 25.8 38.8#





#47

1,1,2-Trichloroethane

Concen: 0.083 ppbv

RT: 6.590 min Scan# 2006

Delta R.T. 0.010 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

Tgt Ion: 97 Resp: 604

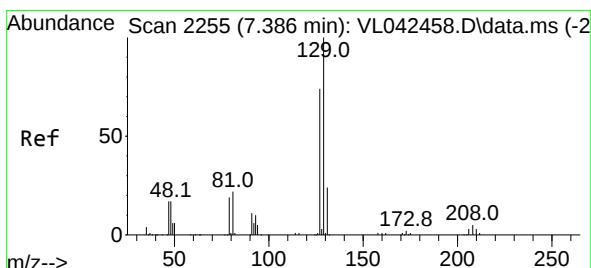
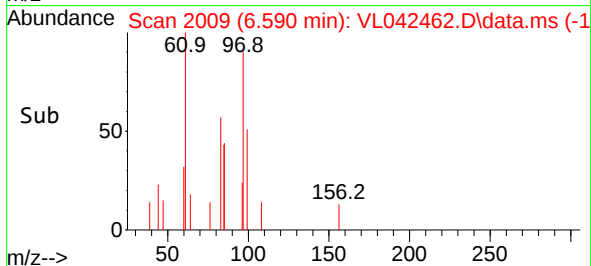
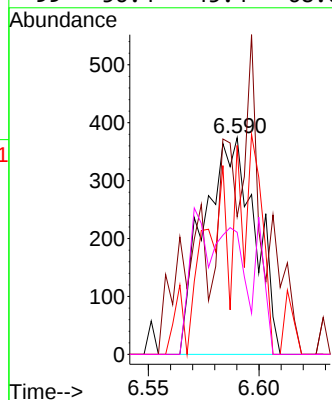
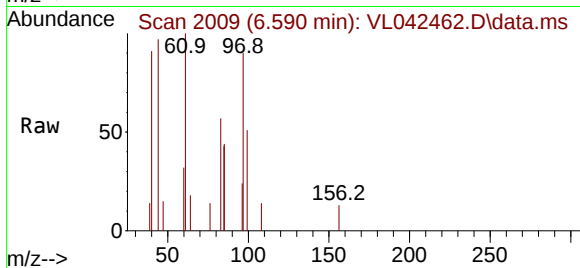
Ion Ratio Lower Upper

97 100

83 32.6 62.2 93.2#

85 96.5 41.5 62.3#

99 56.4 45.4 68.0



#48

Dibromochloromethane

Concen: 0.006 ppbv

RT: 7.127 min Scan# 2175

Delta R.T. -0.259 min

Lab File: VL042462.D

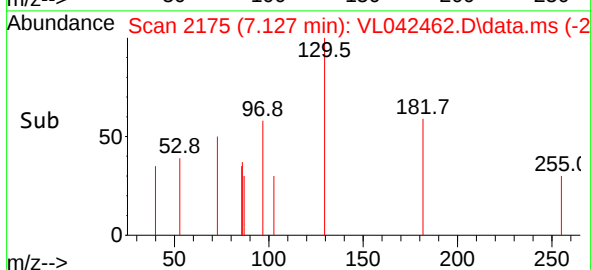
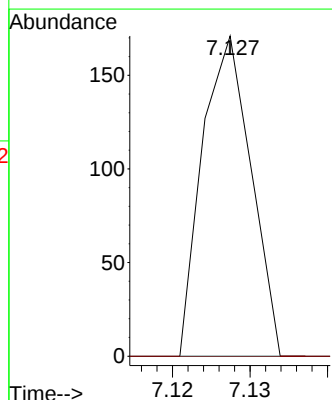
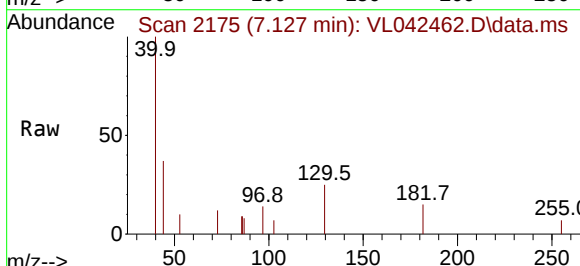
Acq: 01 May 2025 11:12

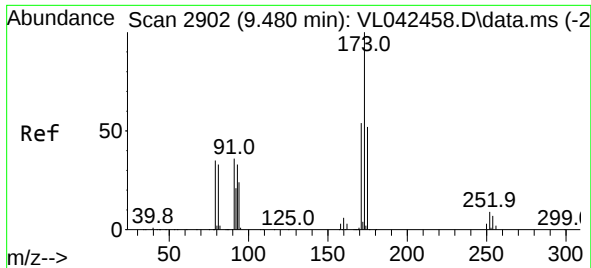
Tgt Ion: 129 Resp: 75

Ion Ratio Lower Upper

129 100

127 78.7 39.5 118.5





#49

Bromoform

Concen: 0.019 ppbv

RT: 9.493 min Scan# 2902

Delta R.T. 0.013 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

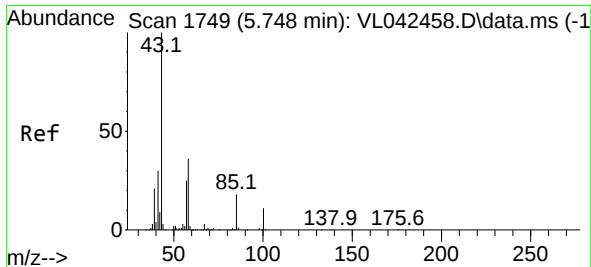
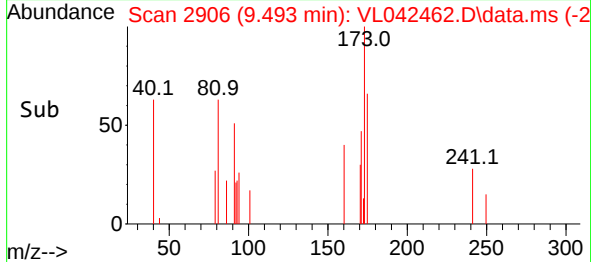
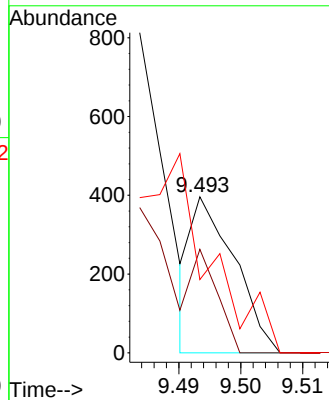
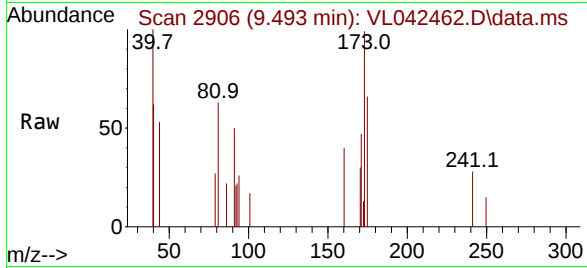
Tgt Ion:173 Resp: 191

Ion Ratio Lower Upper

173 100

175 0.0 38.9 58.3#

171 291.6 40.6 60.8#



#50

4-Methyl-2-Pentanone

Concen: 0.009 ppbv

RT: 5.758 min Scan# 1752

Delta R.T. 0.010 min

Lab File: VL042462.D

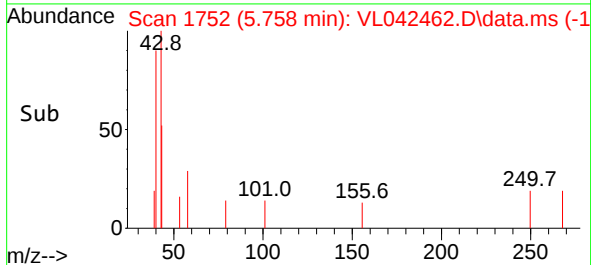
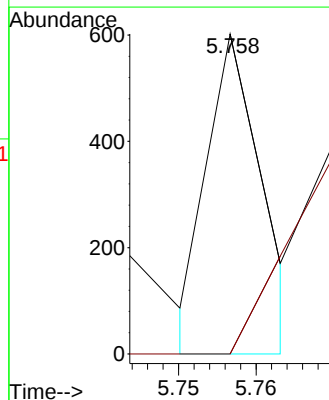
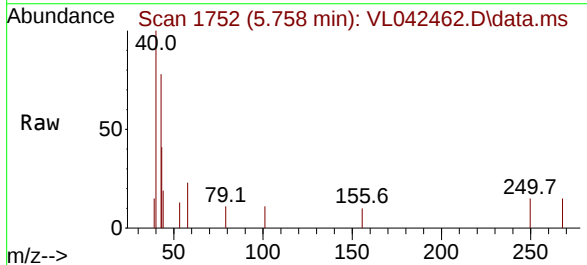
Acq: 01 May 2025 11:12

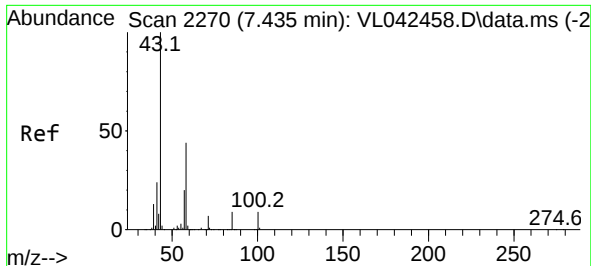
Tgt Ion: 43 Resp: 150

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#

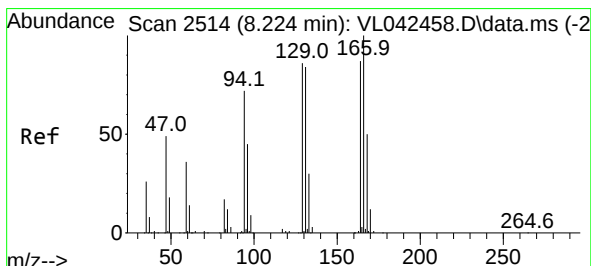
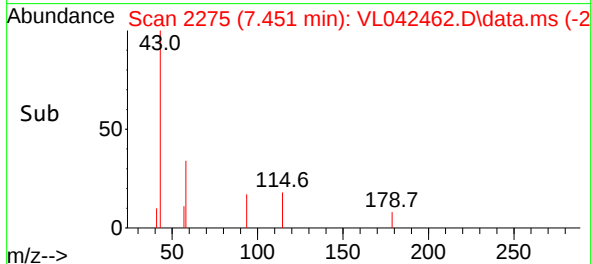
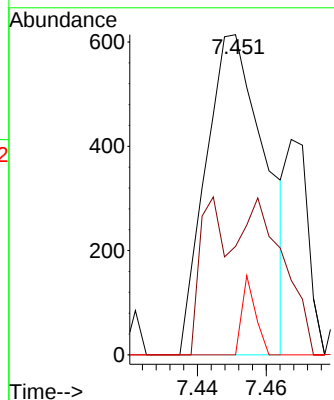
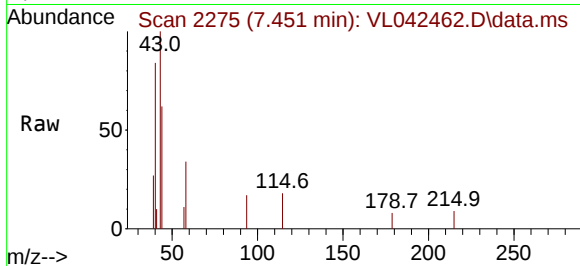




#51
2-Hexanone
Concen: 0.054 ppbv
RT: 7.451 min Scan# 2119
Delta R.T. 0.016 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

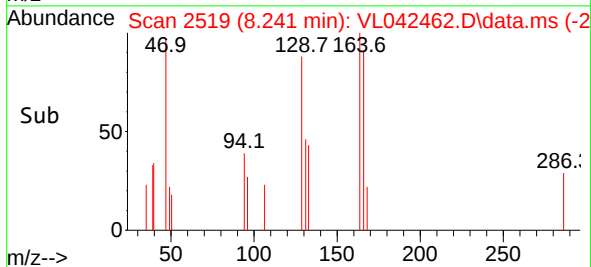
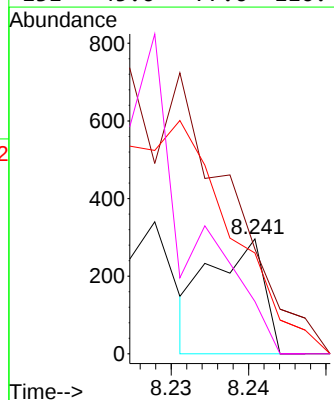
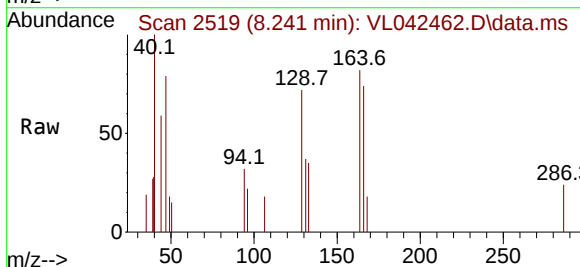
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

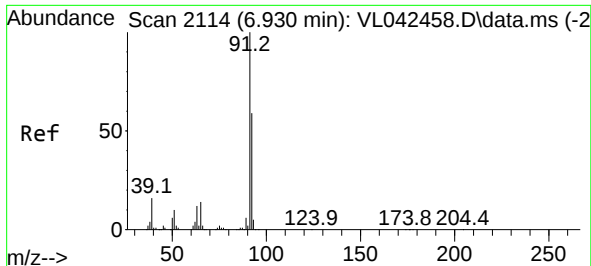
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
58 57.9 37.2 55.8#
98 5.7 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.021 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. 0.016 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion: 164 Resp: 143
Ion Ratio Lower Upper
164 100
166 52.4 91.6 137.4#
129 58.4 79.0 118.4#
131 45.6 77.6 116.4#

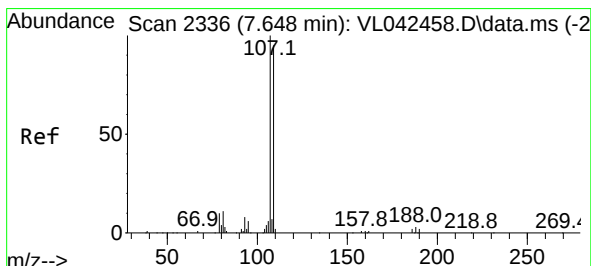
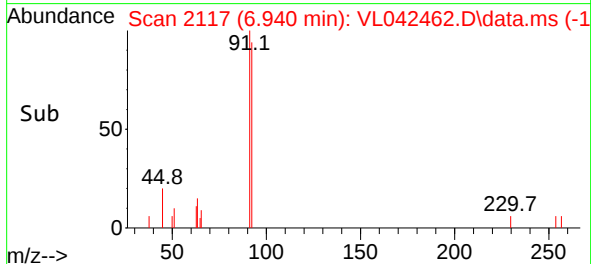
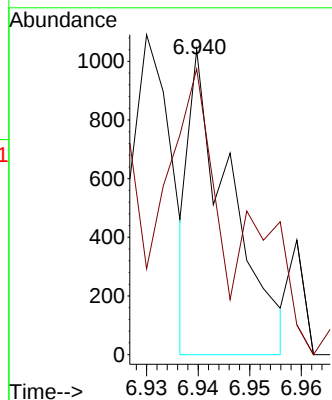
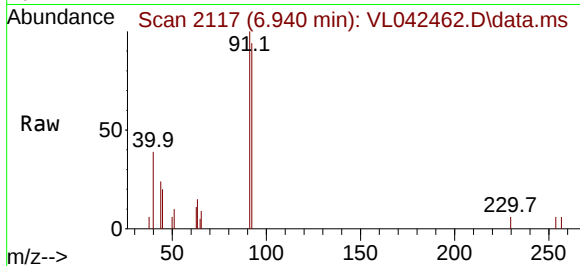




#53
Toluene
Concen: 0.031 ppbv
RT: 6.940 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

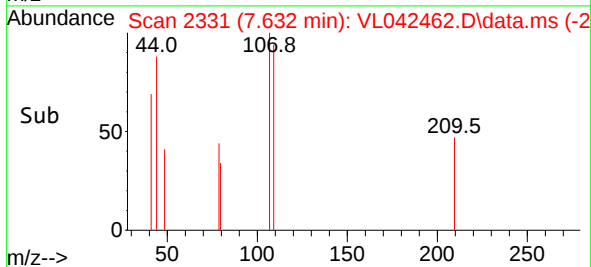
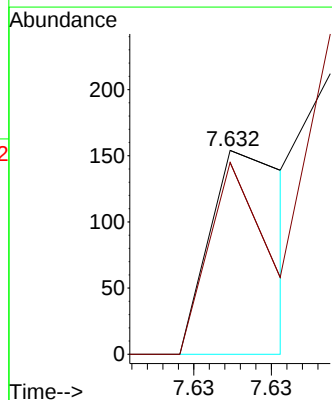
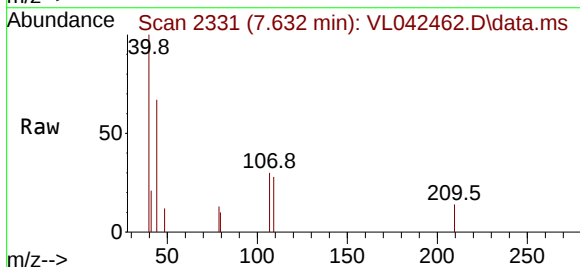
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

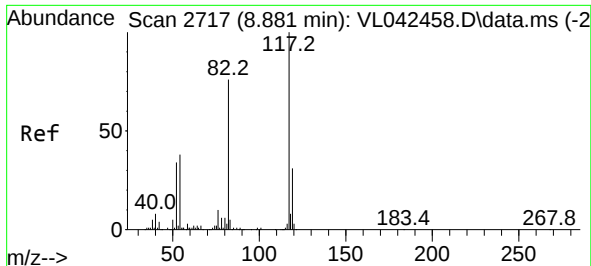
Tgt Ion: 91 Resp: 572
Ion Ratio Lower Upper
91 100
92 242.3 47.9 71.9#



#54
1,2-Dibromoethane
Concen: 0.005 ppbv
RT: 7.632 min Scan# 2331
Delta R.T. -0.016 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion: 107 Resp: 57
Ion Ratio Lower Upper
107 100
109 94.2 76.0 114.0

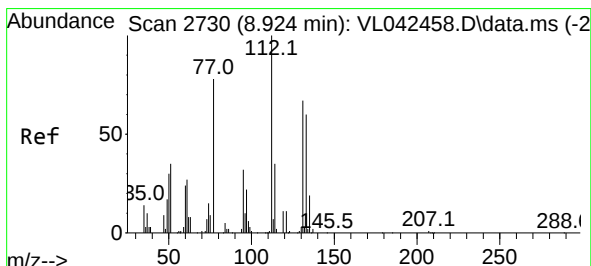
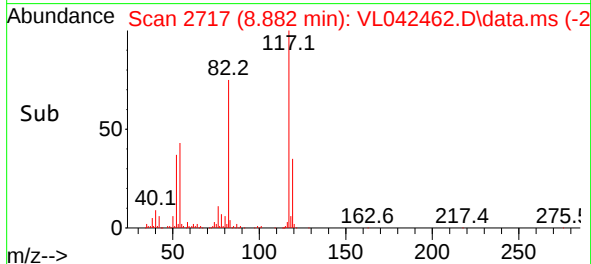
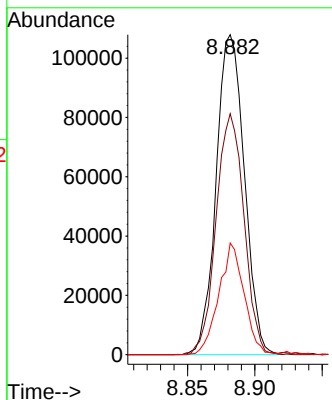
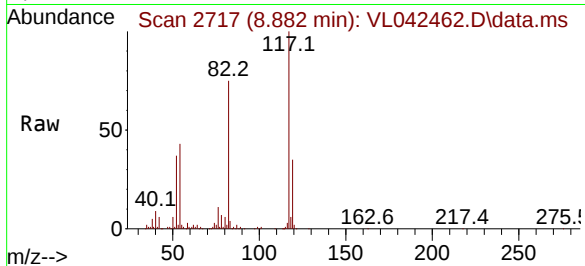




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

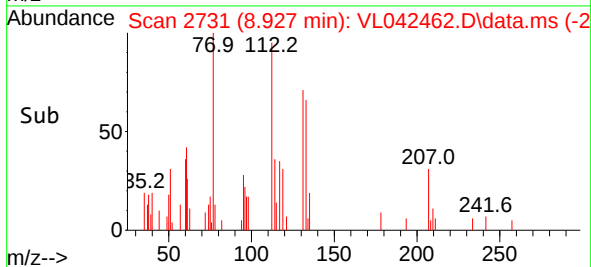
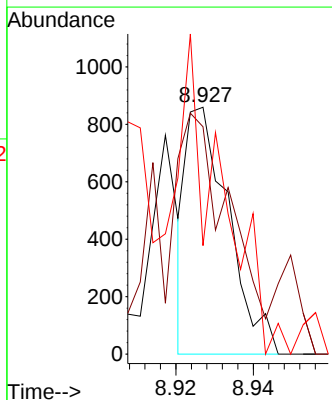
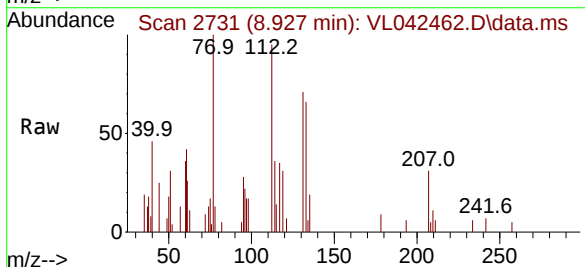
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

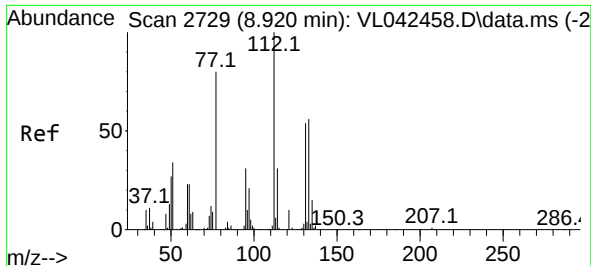
Tgt Ion:117 Resp: 157618
Ion Ratio Lower Upper
117 100
82 74.3 63.5 95.3
119 31.7 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.070 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion:131 Resp: 652
Ion Ratio Lower Upper
131 100
133 181.4 76.0 114.0#
119 0.0 46.1 69.1#

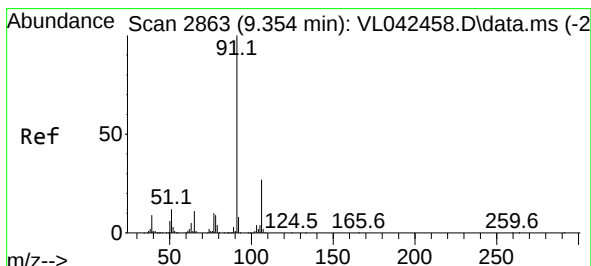
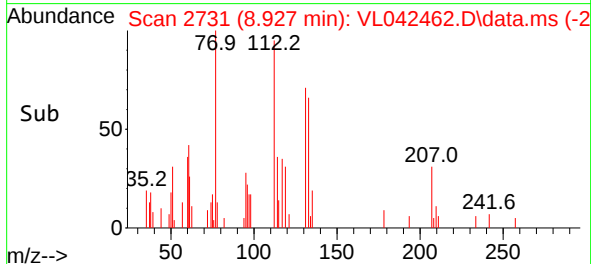
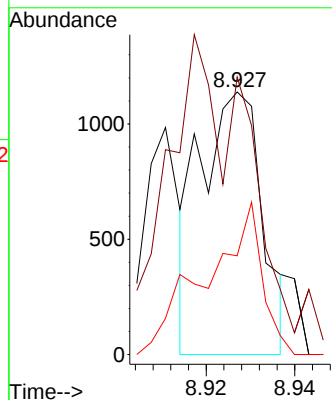
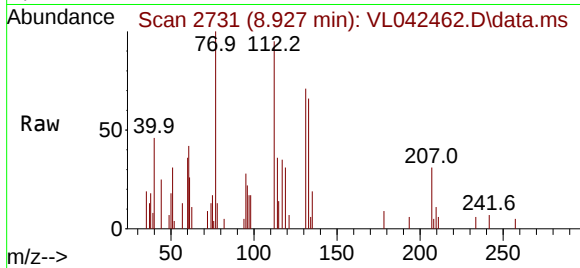




#57
Chlorobenzene
Concen: 0.070 ppbv
RT: 8.927 min Scan# 211
Delta R.T. 0.007 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

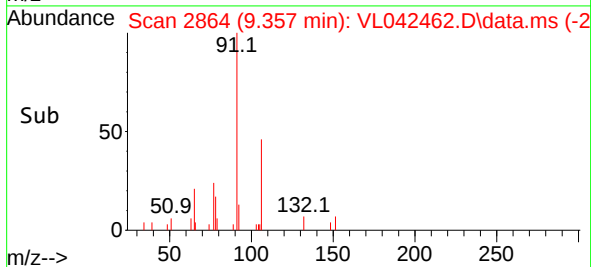
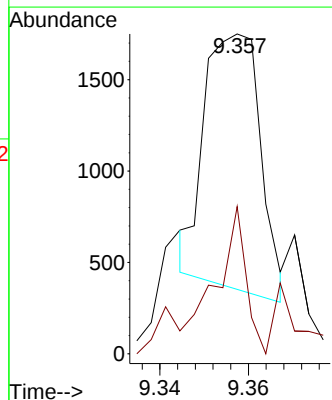
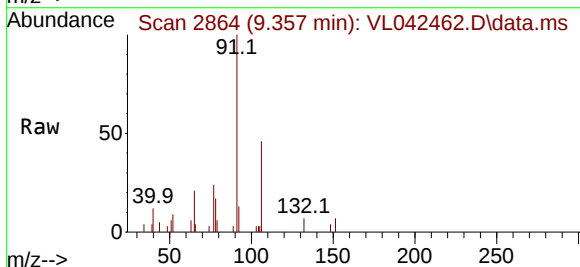
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

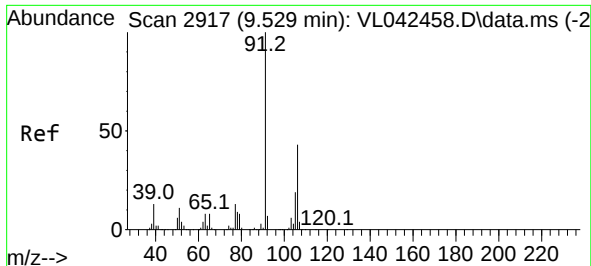
Tgt Ion:112 Resp: 1103
Ion Ratio Lower Upper
112 100
77 116.2 65.0 97.4#
114 43.6 27.5 33.7#



#58
Ethyl Benzene
Concen: 0.046 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion: 91 Resp: 1206
Ion Ratio Lower Upper
91 100
106 52.2 21.9 32.9#





#59

m/p-Xylene

Concen: 0.065 ppbv

RT: 9.526 min Scan# 2917

Delta R.T. -0.003 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Instrument :

MSVOA_L

ClientSampleId :

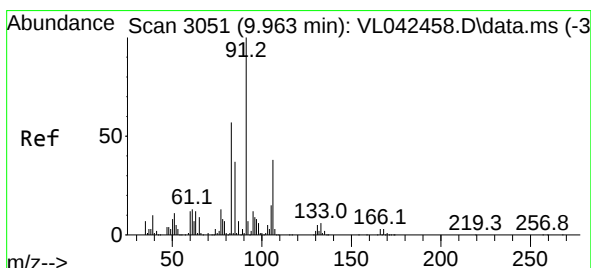
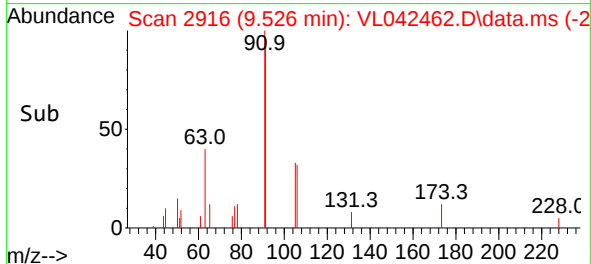
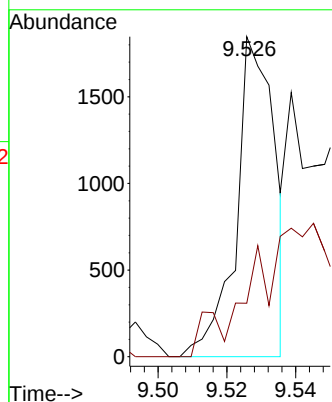
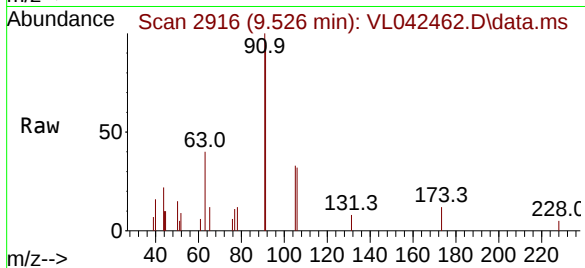
VSTDIC0.1

Tgt Ion: 91 Resp: 1427

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 0.050 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VL042462.D

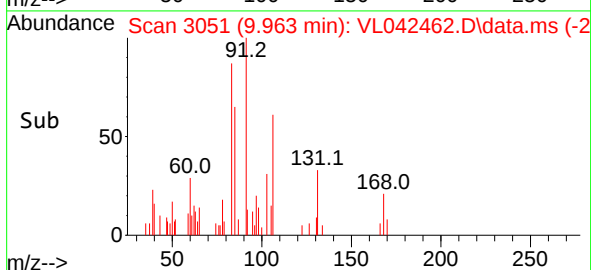
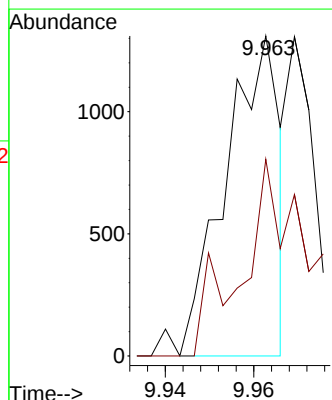
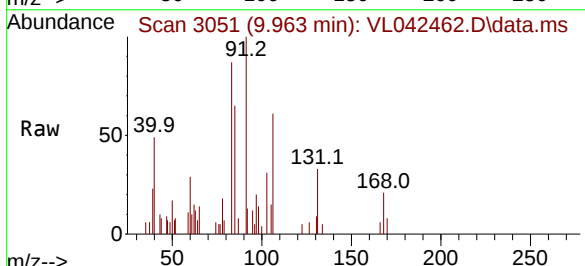
Acq: 01 May 2025 11:12

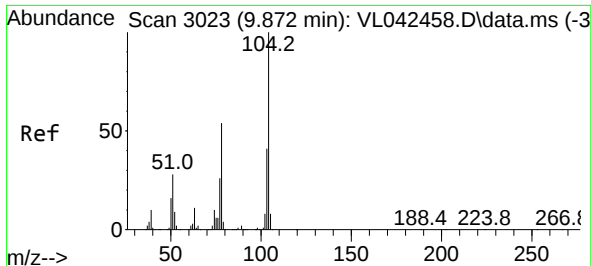
Tgt Ion: 91 Resp: 1114

Ion Ratio Lower Upper

91 100

106 73.5 20.1 60.2#

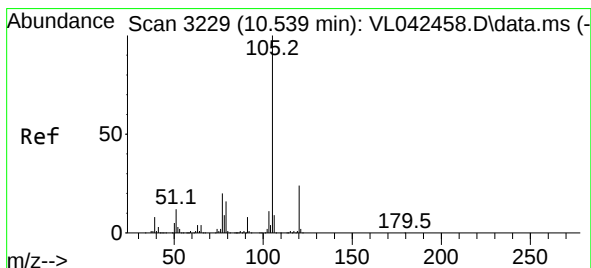
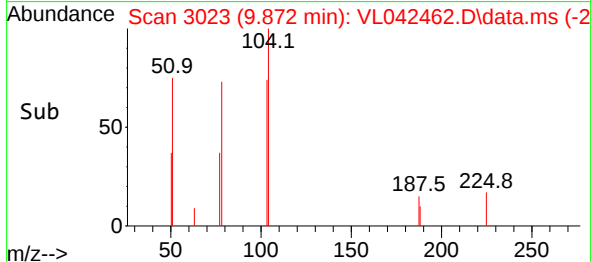
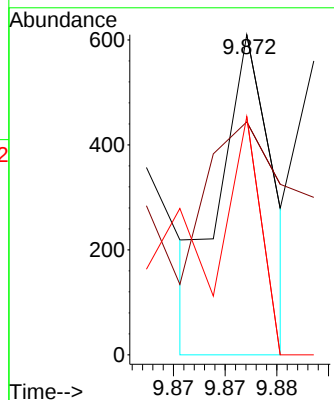
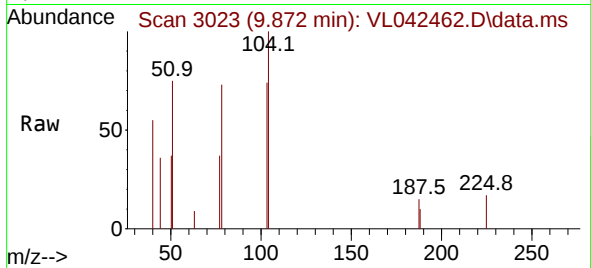




#61
Styrene
Concen: 0.026 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

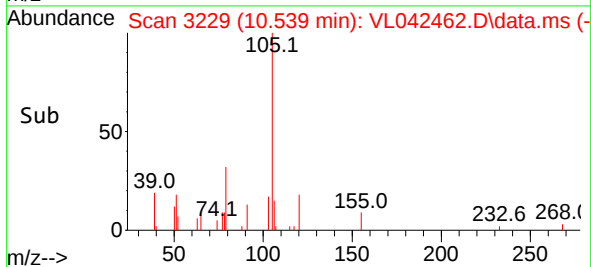
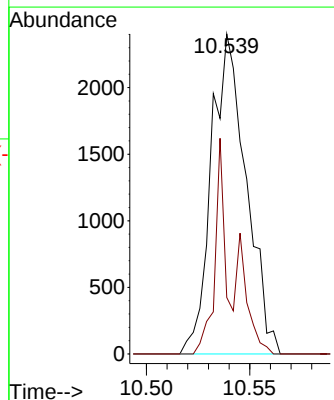
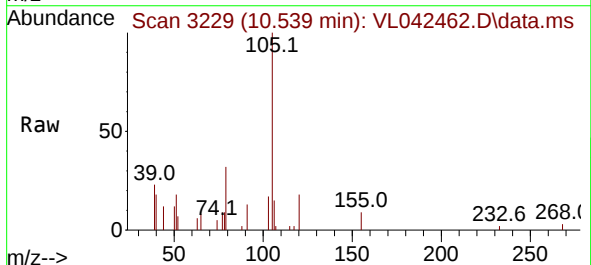
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

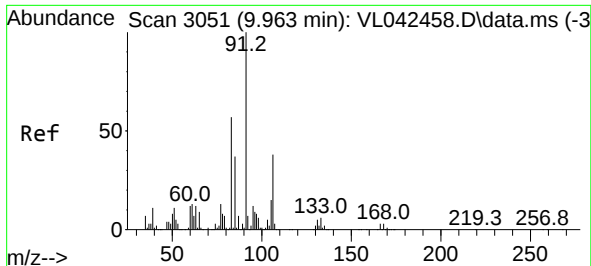
Tgt Ion:104 Resp: 215
Ion Ratio Lower Upper
104 100
78 199.5 46.9 70.3#
103 117.2 36.6 55.0#



#62
Isopropylbenzene
Concen: 0.088 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion:105 Resp: 2821
Ion Ratio Lower Upper
105 100
120 32.0 18.8 28.2#

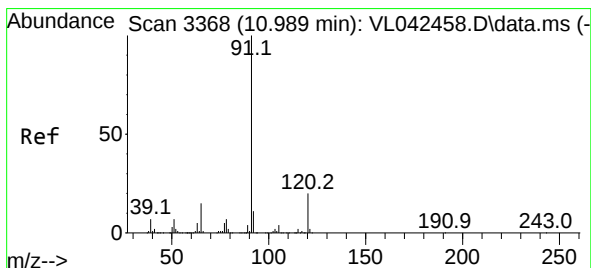
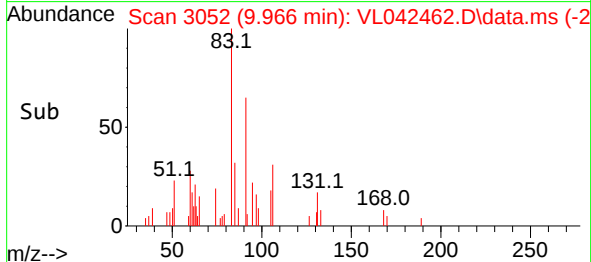
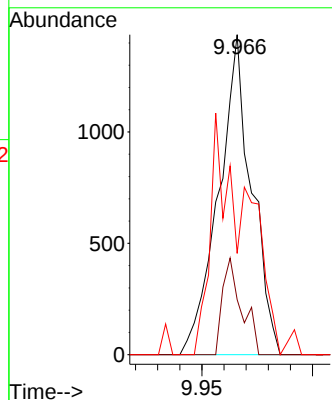
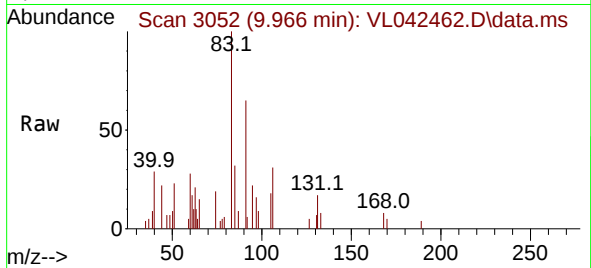




#63
1,1,2,2-Tetrachloroethane
Concen: 0.104 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

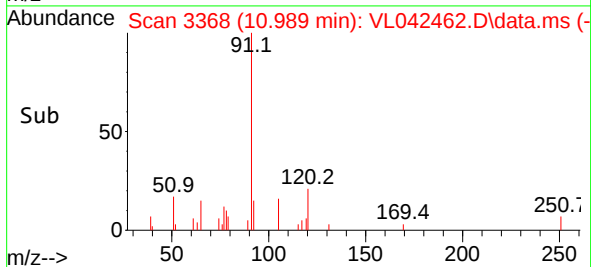
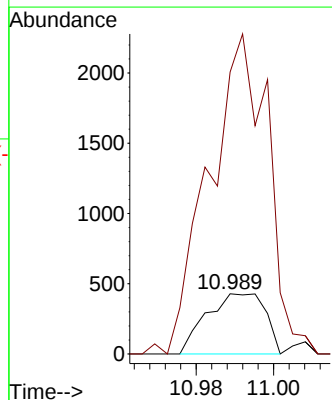
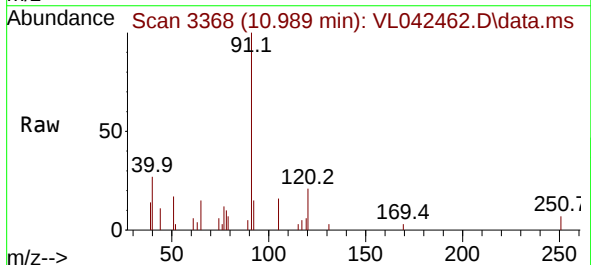
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MSVOA_1
ClientSampleId :
VSTDICC0.1

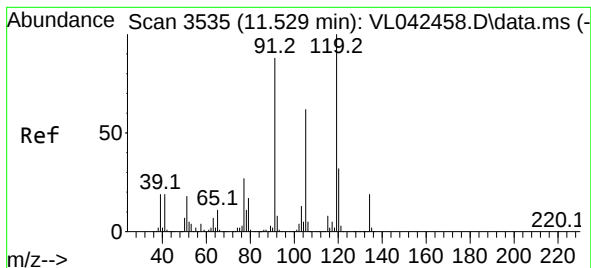
Tgt Ion: 83 Resp: 1490
Ion Ratio Lower Upper
83 100
131 17.4 4.7 14.1#
85 84.8 32.5 97.4



#64
n-propylbenzene
Concen: 0.058 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion: 120 Resp: 452
Ion Ratio Lower Upper
120 100
91 534.1 408.6 612.8





#65

tert-Butylbenzene

Concen: 0.062 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. 0.003 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

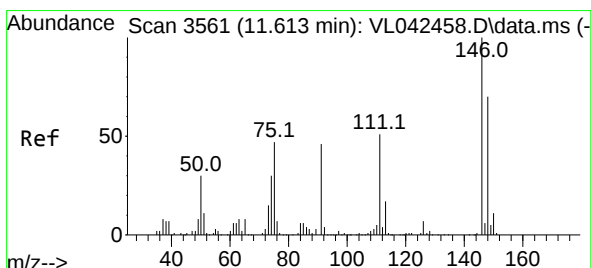
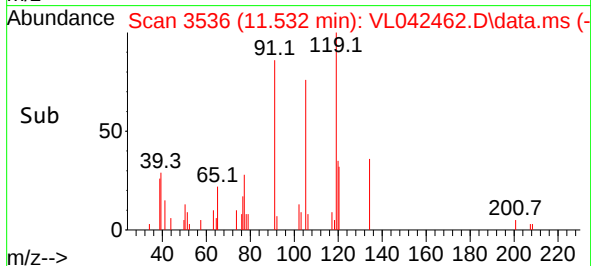
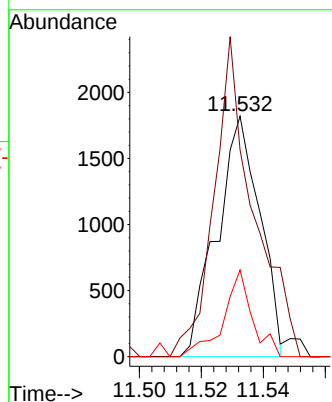
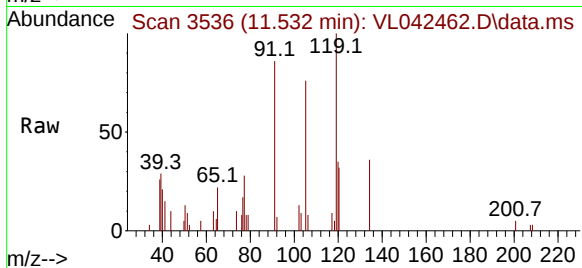
Tgt Ion:119 Resp: 1762

Ion Ratio Lower Upper

119 100

91 121.6 71.6 107.4#

134 25.2 15.0 22.4#



#66

Benzyl Chloride

Concen: 0.051 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. -0.003 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

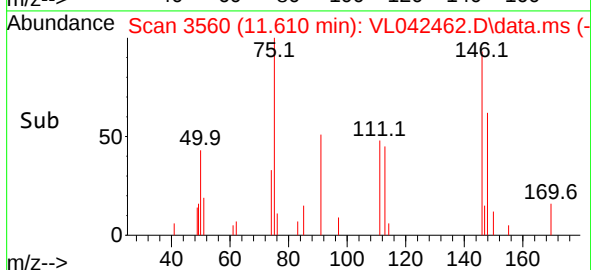
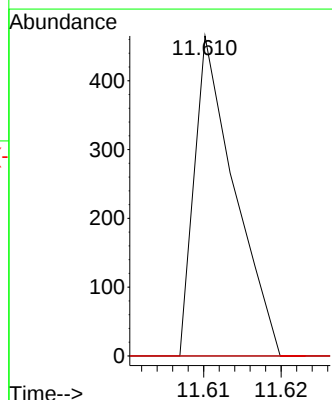
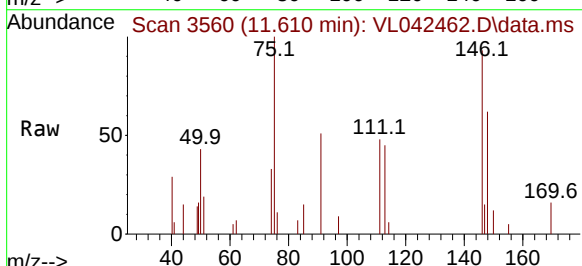
Tgt Ion: 91 Resp: 167

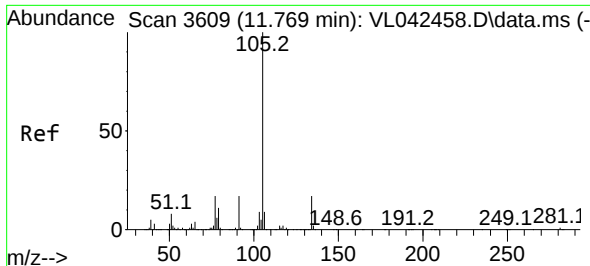
Ion Ratio Lower Upper

91 100

126 0.0 13.3 19.9#

128 0.0 4.2 6.4#

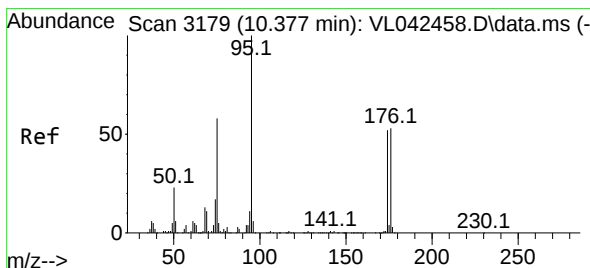
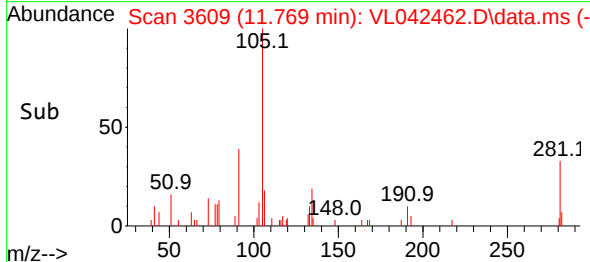
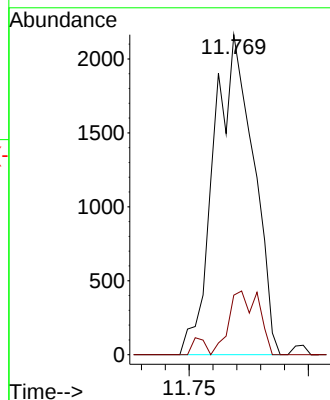
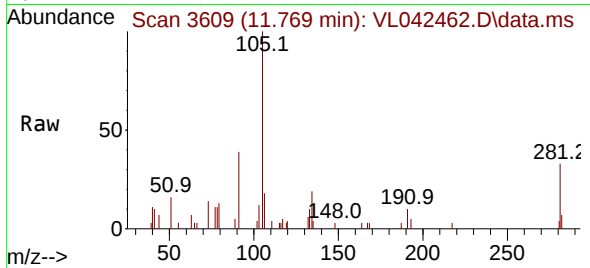




#67
 sec-Butylbenzene
 Concen: 0.062 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VL042462.D
 Acq: 01 May 2025 11:12

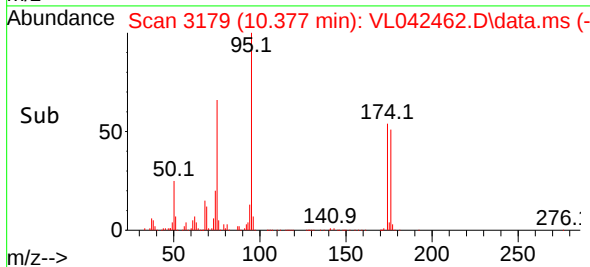
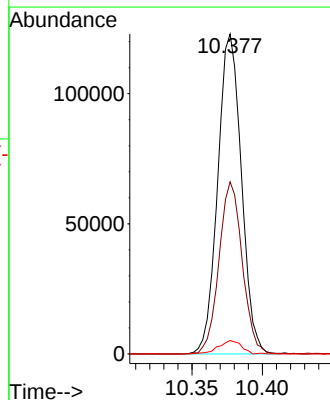
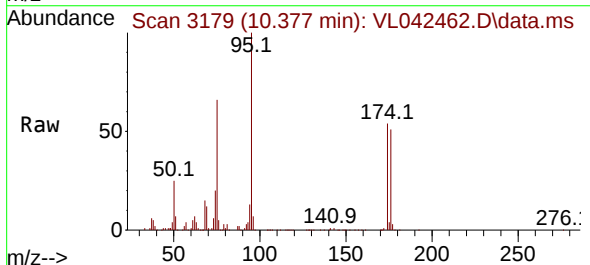
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

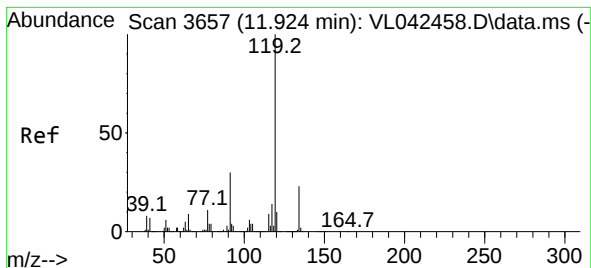
Tgt Ion:105 Resp: 2510
 Ion Ratio Lower Upper
 105 100
 134 16.5 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.830 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. 0.000 min
 Lab File: VL042462.D
 Acq: 01 May 2025 11:12

Tgt Ion: 95 Resp: 143644
 Ion Ratio Lower Upper
 95 100
 174 53.0 42.7 64.1
 175 4.1 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.062 ppbv

RT: 11.924 min Scan# 3657

Delta R.T. 0.000 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

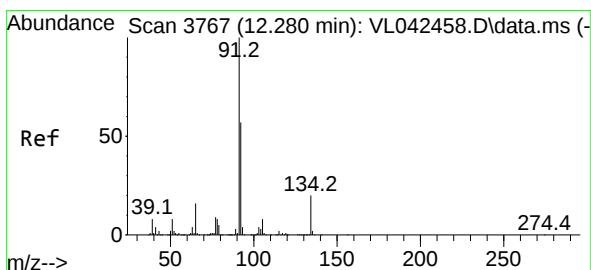
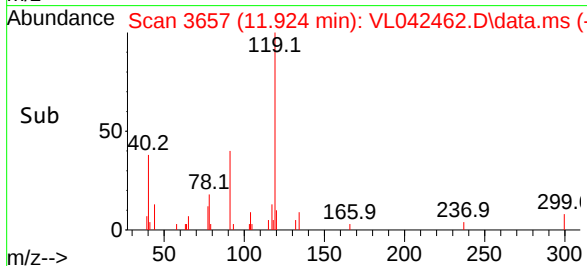
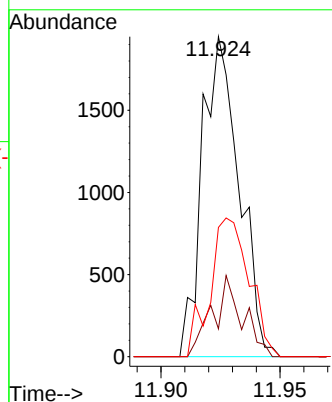
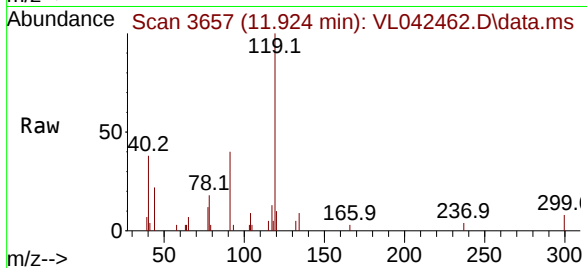
Tgt Ion:119 Resp: 2112

Ion Ratio Lower Upper

119 100

134 20.5 19.0 28.4

91 45.7 25.5 38.3#



#70

n-Butylbenzene

Concen: 0.060 ppbv

RT: 12.283 min Scan# 3768

Delta R.T. 0.003 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

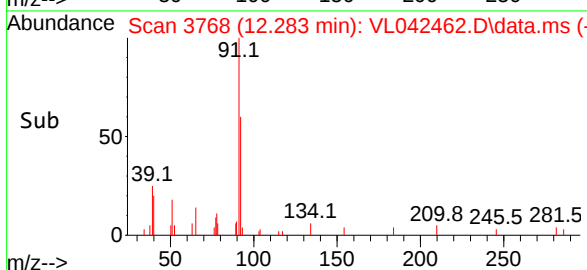
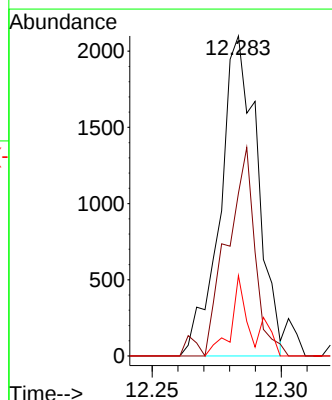
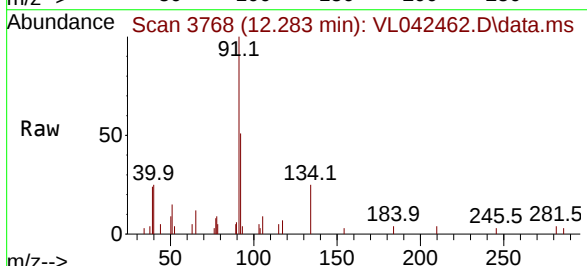
Tgt Ion: 91 Resp: 2098

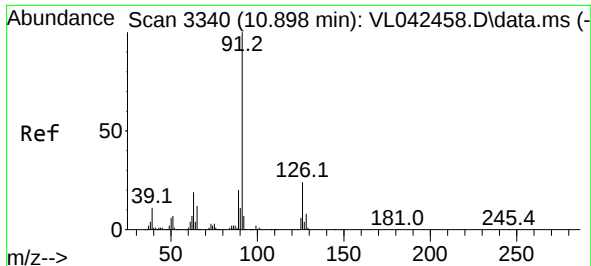
Ion Ratio Lower Upper

91 100

92 51.0 44.0 66.0

134 13.9 16.8 25.2#

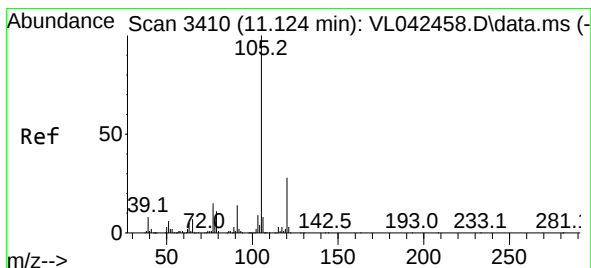
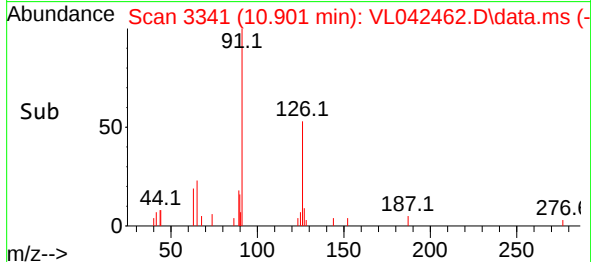
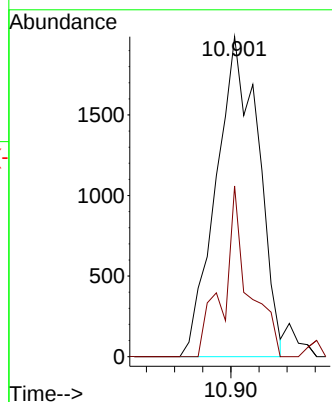
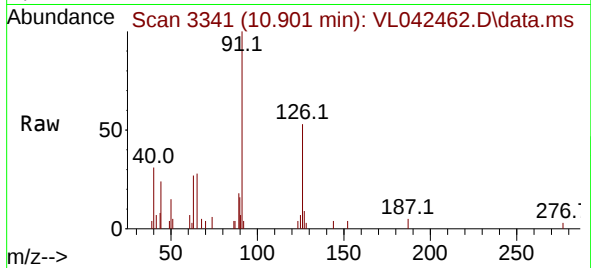




#71
2-Chlorotoluene
Concen: 0.083 ppbv
RT: 10.901 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

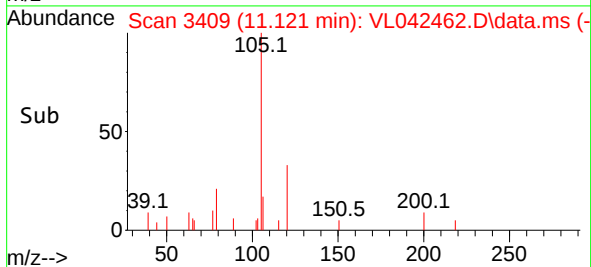
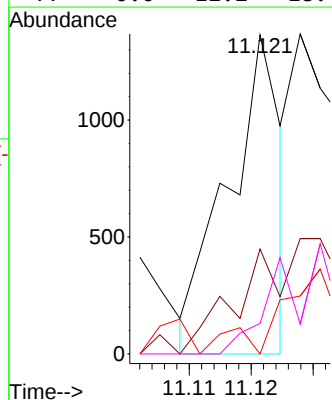
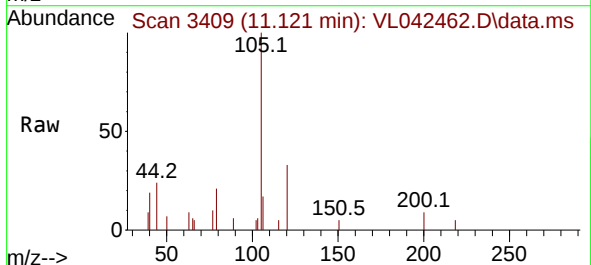
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

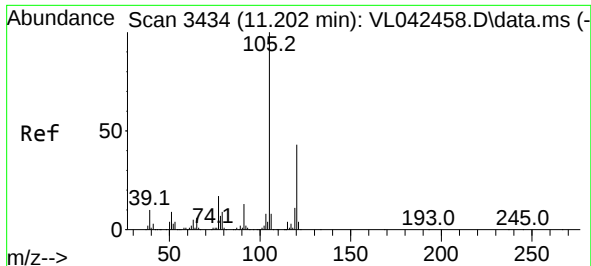
Tgt Ion: 91 Resp: 2065
Ion Ratio Lower Upper
91 100
126 33.1 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.031 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion: 105 Resp: 813
Ion Ratio Lower Upper
105 100
120 0.0 22.0 33.0#
91 0.0 11.2 16.8#
77 0.0 12.2 18.4#

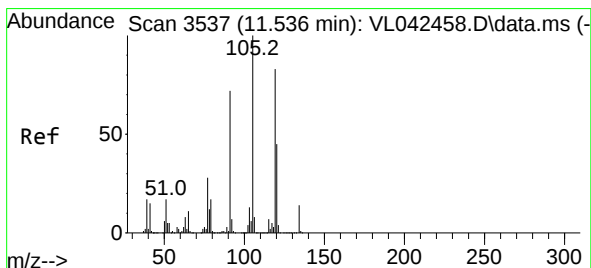
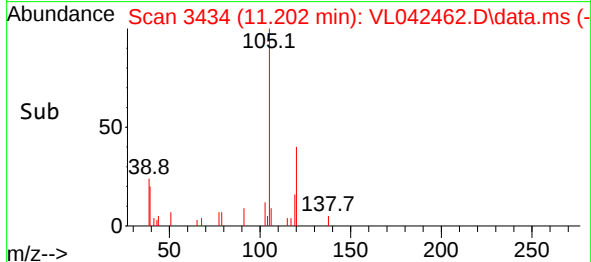
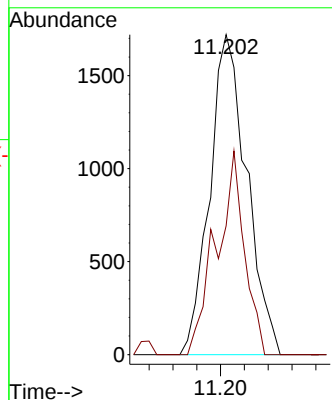
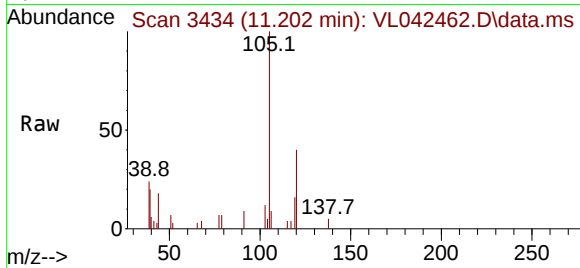




#73
1,3,5-Trimethylbenzene
Concen: 0.081 ppbv
RT: 11.202 min Scan# 3434
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

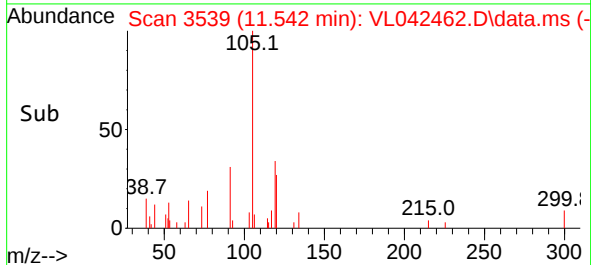
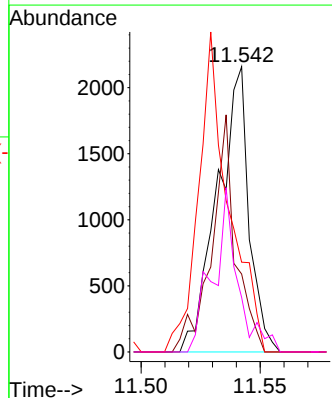
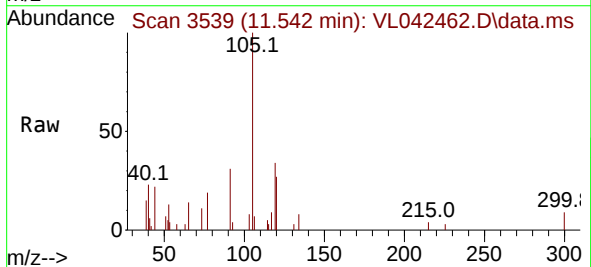
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

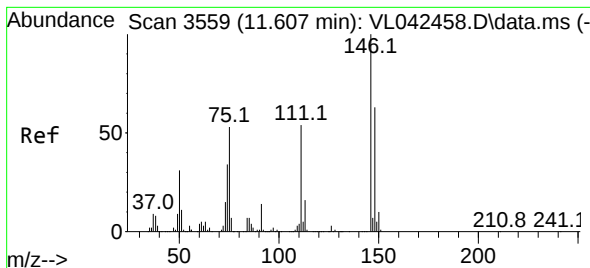
Tgt Ion:105 Resp: 1853
Ion Ratio Lower Upper
105 100
120 40.2 34.4 51.6



#74
1,2,4-Trimethylbenzene
Concen: 0.071 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.007 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion:105 Resp: 1982
Ion Ratio Lower Upper
105 100
120 27.3 36.1 54.1#
91 31.4 57.6 86.4#
77 19.1 22.1 33.1#





#75

1,3-Dichlorobenzene

Concen: 0.046 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. 0.000 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

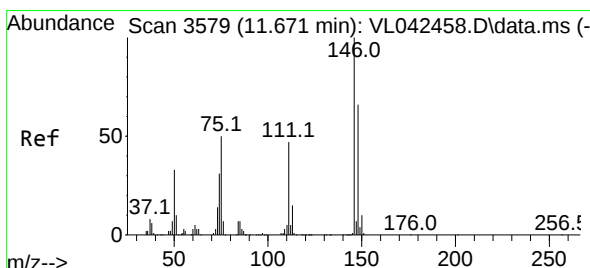
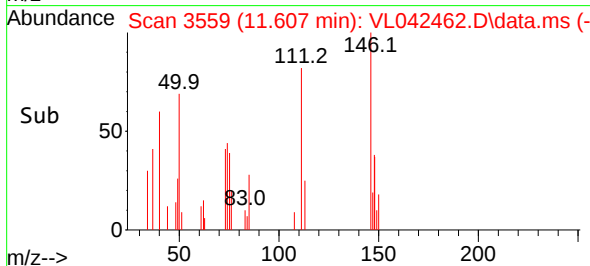
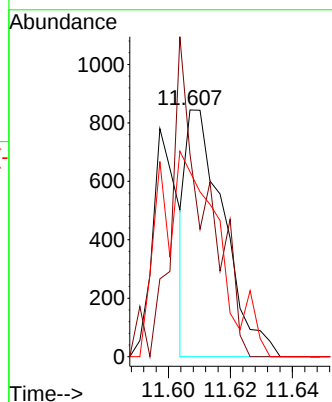
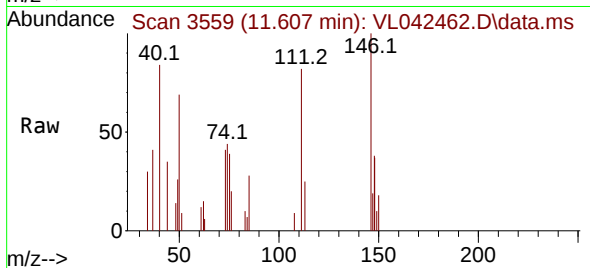
Tgt Ion:146 Resp: 709

Ion Ratio Lower Upper

146 100

111 120.2 26.1 78.3#

148 128.9 32.0 96.0#



#76

1,4-Dichlorobenzene

Concen: 0.037 ppbv

RT: 11.672 min Scan# 3579

Delta R.T. 0.000 min

Lab File: VL042462.D

Acq: 01 May 2025 11:12

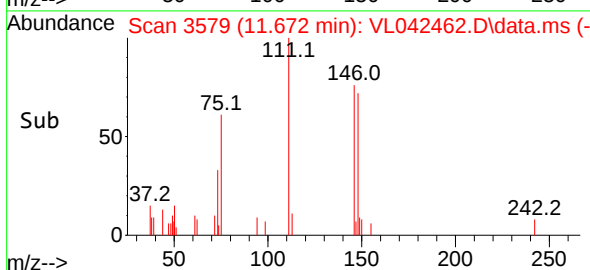
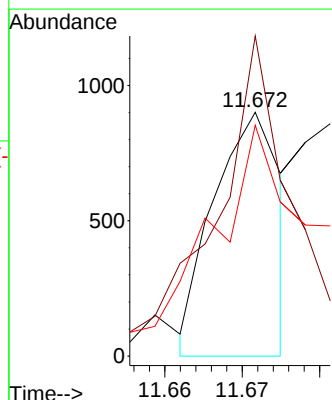
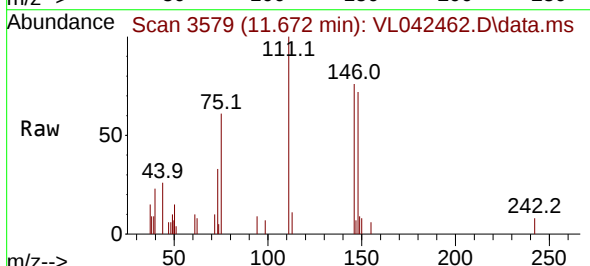
Tgt Ion:146 Resp: 546

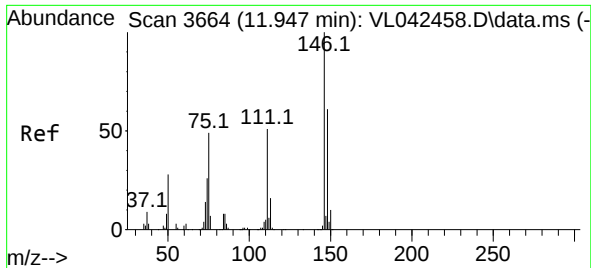
Ion Ratio Lower Upper

146 100

111 148.2 24.4 73.2#

148 148.5 32.0 96.2#

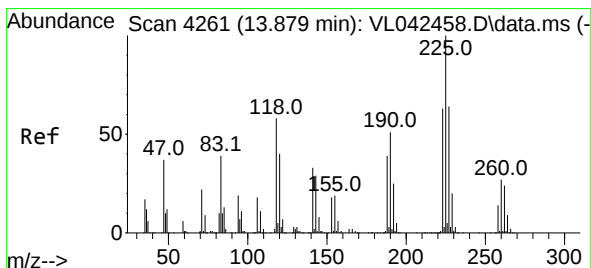
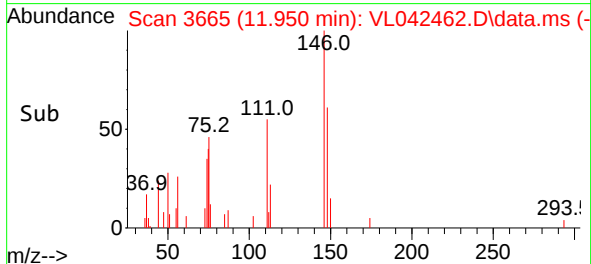
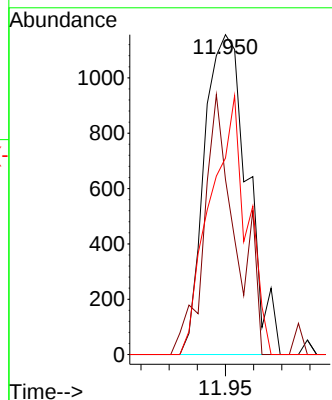
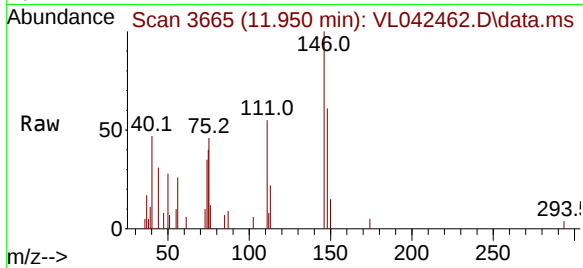




#77
1,2-Dichlorobenzene
Concen: 0.081 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

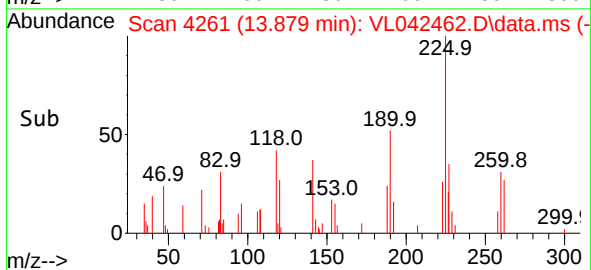
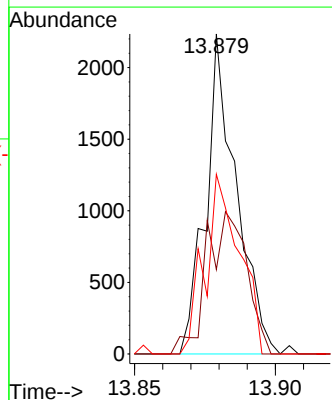
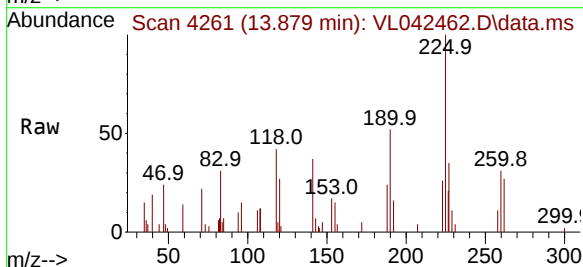
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.1

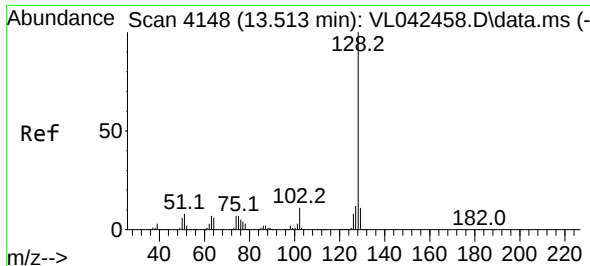
Tgt Ion:	146	Resp:	1226
Ion	Ratio	Lower	Upper
146	100		
111	59.5	26.5	79.5
148	69.4	31.5	94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.112 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion:	225	Resp:	1683
Ion	Ratio	Lower	Upper
225	100		
223	58.6	50.2	75.4
227	63.1	51.2	76.8

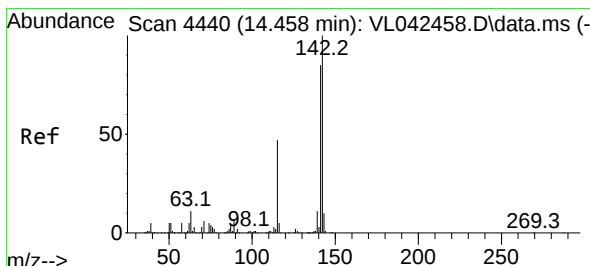
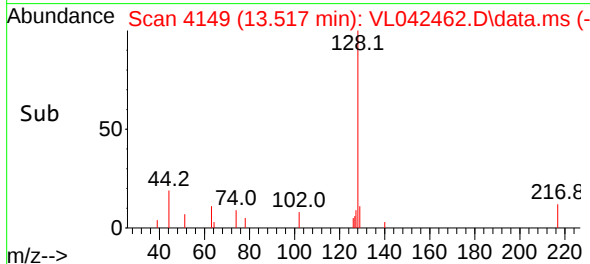
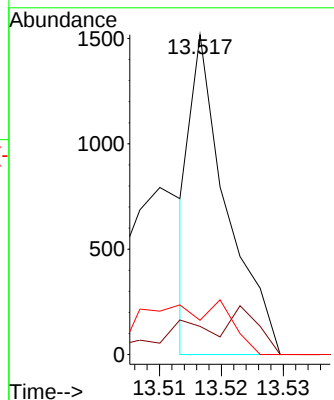
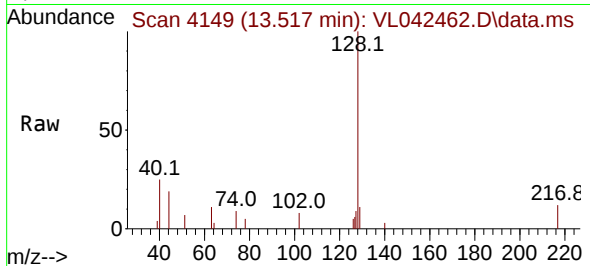




#79
Naphthalene
Concen: 0.026 ppbv
RT: 13.517 min Scan# 4149
Delta R.T. 0.003 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

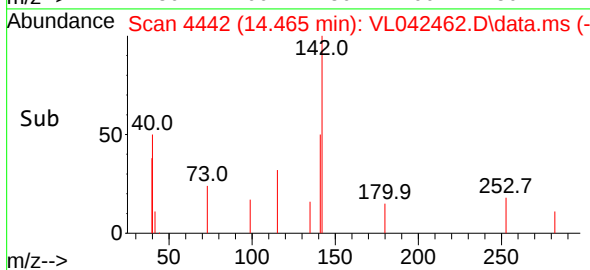
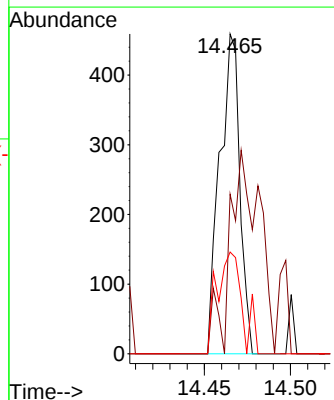
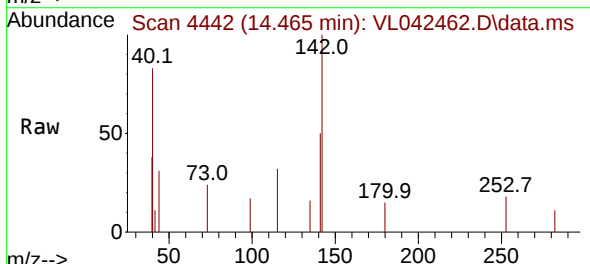
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

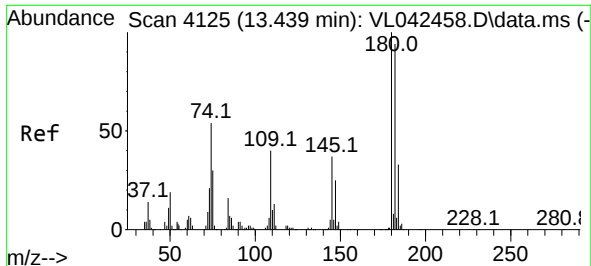
Tgt Ion:128 Resp: 601
Ion Ratio Lower Upper
128 100
127 8.8 9.7 14.5#
129 10.7 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 0.021 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.007 min
Lab File: VL042462.D
Acq: 01 May 2025 11:12

Tgt Ion:142 Resp: 371
Ion Ratio Lower Upper
142 100
141 107.0 67.4 101.0#
115 40.2 36.9 55.3





#81

1,2,4-Trichlorobenzene

Concen: 0.052 ppbv

RT: 13.439 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042462.D

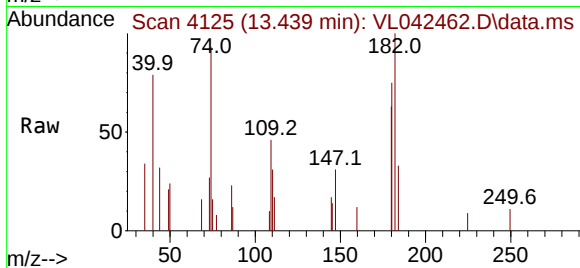
Acq: 01 May 2025 11:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.1



Tgt Ion:	180	Resp:	652
Ion Ratio	Lower	Upper	
180	100		
182	88.2	74.6	111.8
184	19.6	24.9	37.3#

