

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041880.D
 Acq On : 09 Jan 2025 22:47
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

Quant Time: Jan 10 01:53:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	120831	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	361107	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	319960	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	259818	10.127	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	2963	0.149	ppbv	94
3) Chlorodifluoromethane	1.479	51	3278	0.150	ppbv	100
4) Chloromethane	1.538	50	1292	0.168	ppbv #	86
5) Vinyl Chloride	1.586	62	1067	0.130	ppbv	97
6) Bromomethane	1.674	94	501	0.130	ppbv #	19
7) Chloroethane	1.716	64	560	0.176	ppbv #	81
8) Dichlorotetrafluoroethane	1.560	85	2345	0.136	ppbv	97
9) Propene	1.489	41	1930	0.190	ppbv #	66
10) Heptane	5.014	43	870	0.032	ppbv #	27
11) Trichlorofluoromethane	1.560	101	519	0.025	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.149	101	2370	0.144	ppbv	93
13) Ethanol	1.894	45	3255	5.041	ppbv #	29
14) Bromoethene	1.790	108	910	0.154	ppbv #	64
15) Acetone	1.845	43	5810	0.285	ppbv	93
16) 1,3-Butadiene	1.615	39	1801	0.206	ppbv #	78
17) tert-Butyl alcohol	2.052	59	3031	0.131	ppbv #	70
18) 1,1-Dichloroethene	2.350	96	1206	0.162	ppbv	94
19) Isopropyl Alcohol	1.894	45	3255	0.304	ppbv #	36
20) Methylene Chloride	2.068	84	2098	0.302	ppbv	84
21) Allyl Chloride	2.104	41	1651	0.127	ppbv #	33
22) trans-1,2-Dichloroethene	2.350	96	1206	0.140	ppbv	82
23) Vinyl Acetate	2.473	43	2113	0.205	ppbv #	90
24) 1,1-Dichloroethane	2.421	63	1940	0.119	ppbv	98
25) Ethyl Acetate	2.852	43	4622	0.091	ppbv #	85
26) Hexane	2.839	57	2902	0.139	ppbv	88
27) Carbon Disulfide	2.162	76	2296	0.115	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	1870	0.118	ppbv #	61
29) Chloroform	2.418	83	201	0.007	ppbv	96
30) Cyclohexane	3.874	84	1926	0.108	ppbv #	67
31) cis-1,2-Dichloroethene	2.732	61	2344	0.115	ppbv	98
32) 1,1,1-Trichloroethane	3.382	97	3338	0.115	ppbv #	86
34) 2-Butanone	2.577	43	3901	0.130	ppbv	93
35) Carbon Tetrachloride	3.784	117	597	0.021	ppbv #	22
36) Benzene	3.671	78	3821	0.091	ppbv #	75
37) 1,2-Dichloroethane	3.237	62	1396	0.064	ppbv #	80
38) Trichloroethene	4.570	130	2122	0.128	ppbv #	88
39) 1,2-Dichloropropane	4.341	63	1657	0.111	ppbv #	76
40) 1,4-Dioxane	4.629	88	112	0.015	ppbv #	17
41) Tetrahydrofuran	3.069	42	99	0.006	ppbv #	1
42) Bromodichloromethane	4.515	83	1504	0.050	ppbv #	75
43) Methyl Methacrylate	4.910	69	491	0.029	ppbv #	1
44) 2,2,4-Trimethylpentane	4.667	57	7465	0.105	ppbv #	78
45) t-1,3-Dichloropropene	6.441	75	476	0.027	ppbv #	69

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041880.D
 Acq On : 09 Jan 2025 22:47
 Operator : SY/MD
 Sample : MDL 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

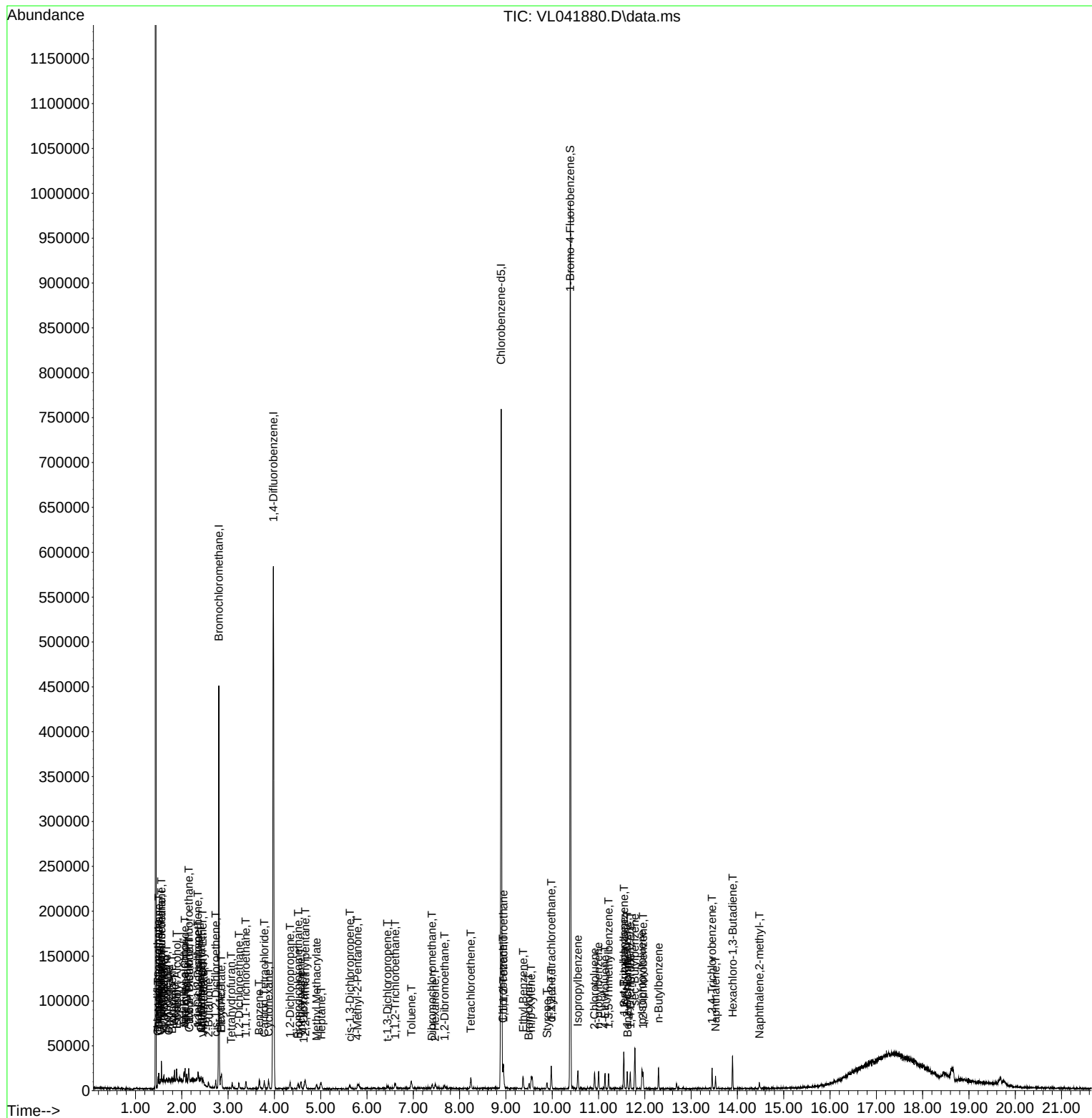
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

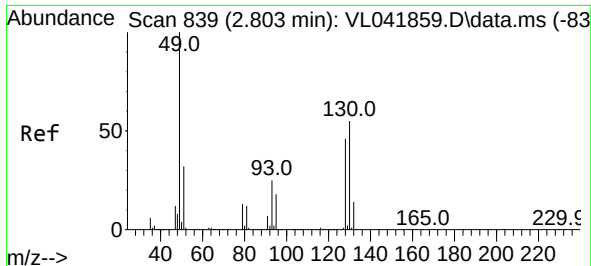
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.632	75	877	0.039	ppbv	#	51
47) 1,1,2-Trichloroethane	6.606	97	689	0.044	ppbv	#	24
48) Dibromochloromethane	7.402	129	557	0.023	ppbv	#	10
49) Bromoform	9.493	173	540	0.026	ppbv	#	28
50) 4-Methyl-2-Pentanone	5.794	43	790	0.018	ppbv	#	1
51) 2-Hexanone	7.467	43	825	0.023	ppbv	#	1
52) Tetrachloroethene	8.241	164	798	0.050	ppbv	#	47
53) Toluene	6.959	91	5059	0.102	ppbv	#	75
54) 1,2-Dibromoethane	7.678	107	1218	0.057	ppbv		88
56) 1,1,1,2-Tetrachloroethane	8.946	131	1020	0.053	ppbv	#	1
57) Chlorobenzene	8.937	112	4400	0.123	ppbv	#	57
58) Ethyl Benzene	9.370	91	7478	0.114	ppbv	#	87
59) m/p-Xylene	9.545	91	6016	0.116	ppbv	#	100
60) o-Xylene	9.982	91	5641	0.109	ppbv		89
61) Styrene	9.888	104	1719	0.066	ppbv	#	58
62) Isopropylbenzene	10.552	105	5782	0.074	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	9.979	83	3452	0.111	ppbv		99
64) n-propylbenzene	10.998	120	2060	0.101	ppbv		97
65) tert-Butylbenzene	11.545	119	7674	0.109	ppbv		99
66) Benzyl Chloride	11.629	91	367	0.050	ppbv	#	66
67) sec-Butylbenzene	11.782	105	10310	0.106	ppbv		95
69) p-Isopropyltoluene	11.937	119	7957	0.096	ppbv		95
70) n-Butylbenzene	12.296	91	8093	0.097	ppbv		96
71) 2-Chlorotoluene	10.911	91	6648	0.110	ppbv		89
72) 4-Ethyltoluene	11.141	105	6838	0.108	ppbv		96
73) 1,3,5-Trimethylbenzene	11.215	105	5879	0.109	ppbv		96
74) 1,2,4-Trimethylbenzene	11.552	105	7191	0.123	ppbv	#	75
75) 1,3-Dichlorobenzene	11.620	146	4446	0.126	ppbv		90
76) 1,4-Dichlorobenzene	11.688	146	4182	0.120	ppbv		90
77) 1,2-Dichlorobenzene	11.963	146	4195	0.126	ppbv		94
78) Hexachloro-1,3-Butadiene	13.898	225	3752	0.131	ppbv		97
79) Naphthalene	13.526	128	5990	0.095	ppbv	#	95
80) Naphthalene,2-methyl-	14.474	142	2481	0.073	ppbv		97
81) 1,2,4-Trichlorobenzene	13.452	180	2919	0.097	ppbv	#	80

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

Quant Time: Jan 10 01:53:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
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QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration

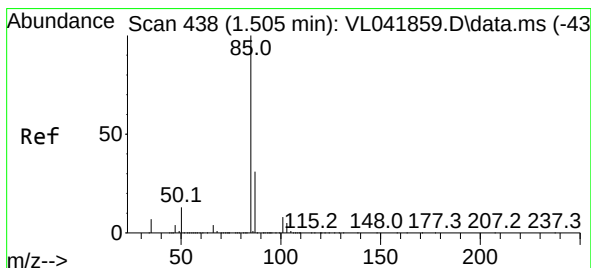
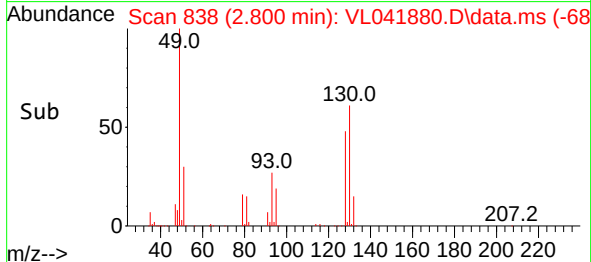
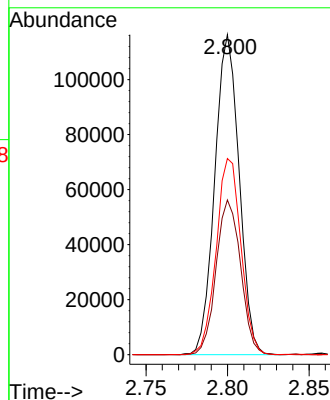
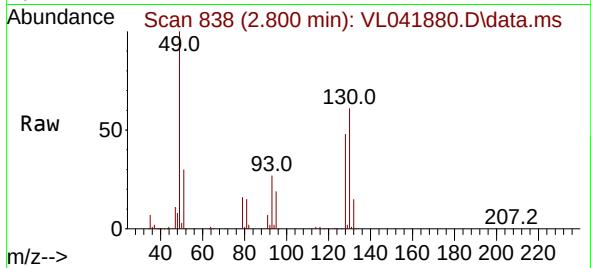




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

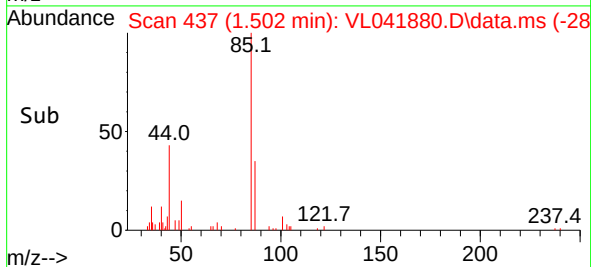
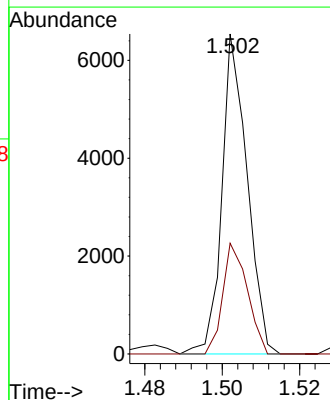
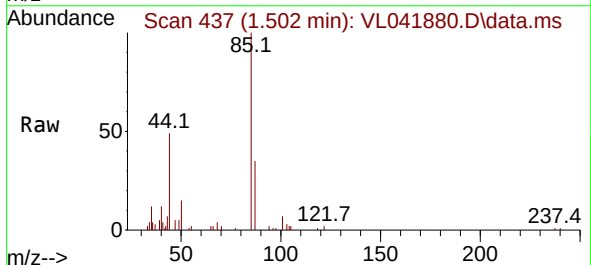
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

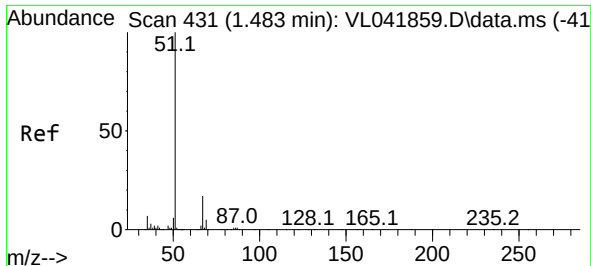
Tgt Ion: 49 Resp: 120831
Ion Ratio Lower Upper
49 100
128 48.7 23.2 69.5
130 62.4 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.149 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 85 Resp: 2963
Ion Ratio Lower Upper
85 100
87 34.6 25.2 37.8

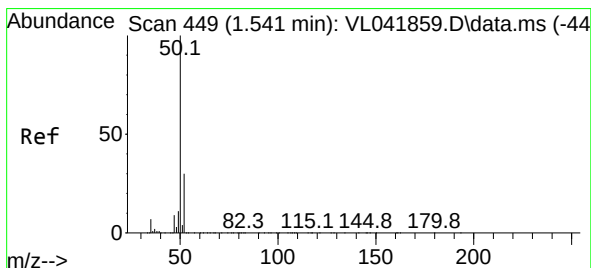
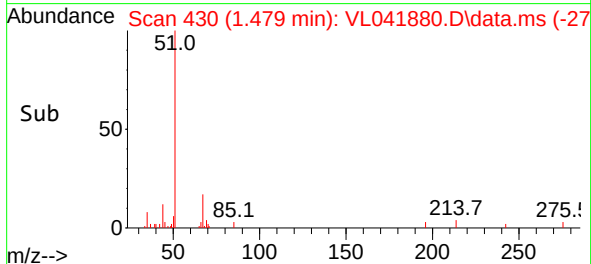
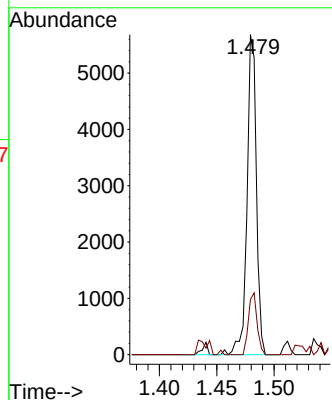
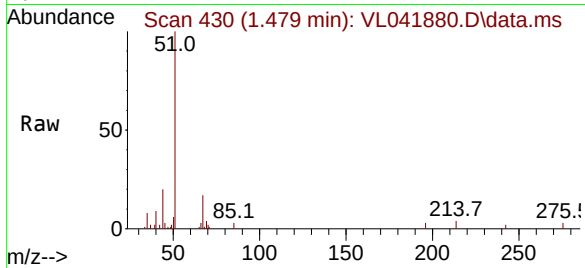




#3
Chlorodifluoromethane
Concen: 0.150 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

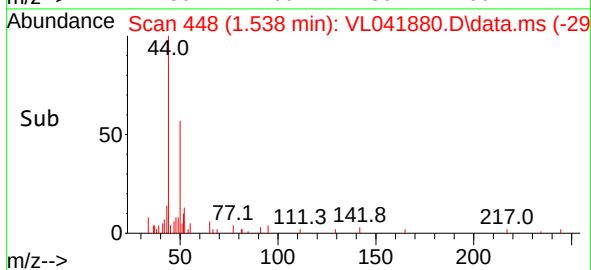
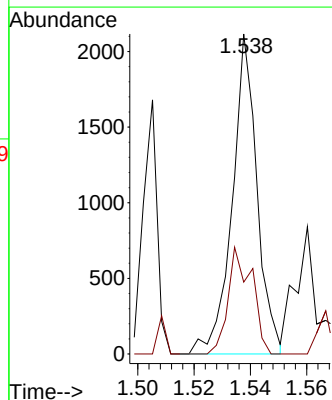
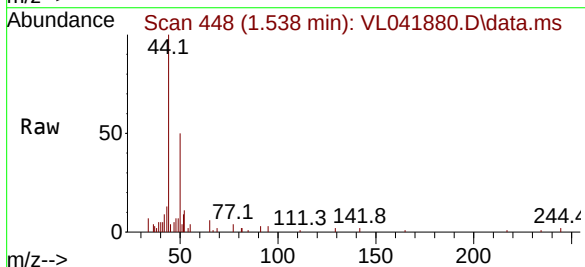
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.1

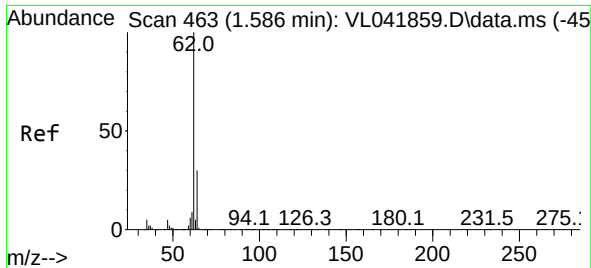
Tgt Ion: 51 Resp: 3278
Ion Ratio Lower Upper
51 100
67 17.4 13.8 20.8



#4
Chloromethane
Concen: 0.168 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 50 Resp: 1292
Ion Ratio Lower Upper
50 100
52 22.4 23.9 35.9#

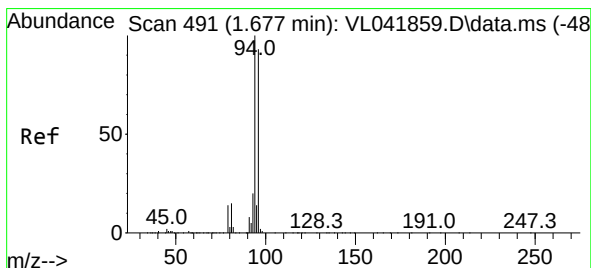
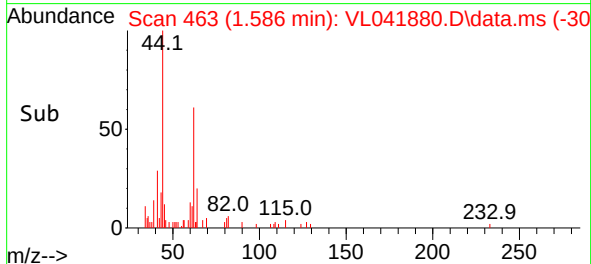
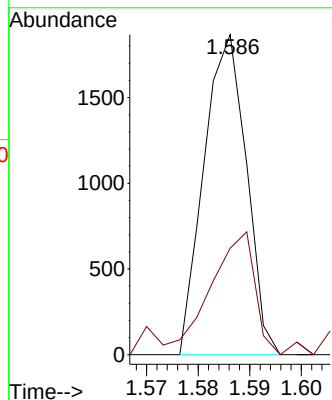
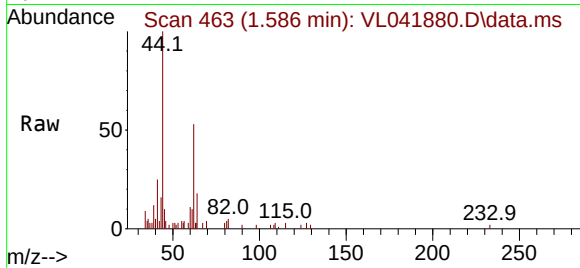




#5
 Vinyl Chloride
 Concen: 0.130 ppbv
 RT: 1.586 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

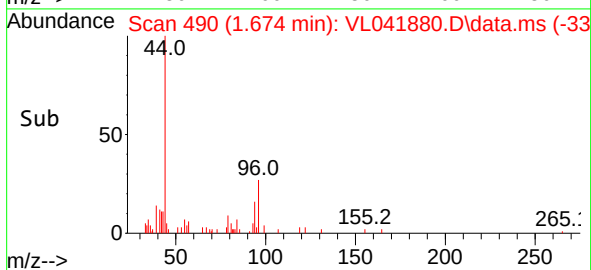
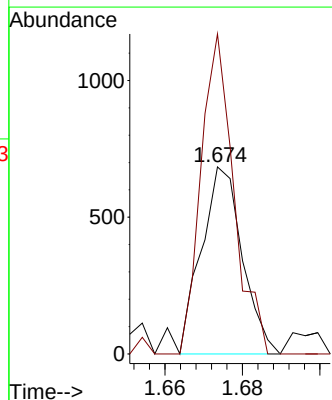
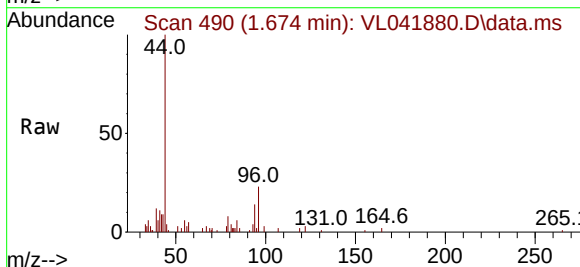
Instrument :
 MSVOA_L
 ClientSampleId :
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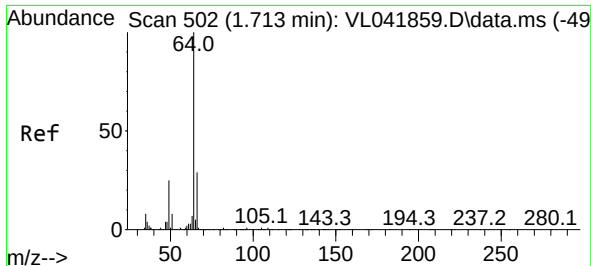
Tgt Ion: 62 Resp: 1067
 Ion Ratio Lower Upper
 62 100
 64 28.6 24.1 36.1



#6
 Bromomethane
 Concen: 0.130 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

Tgt Ion: 94 Resp: 501
 Ion Ratio Lower Upper
 94 100
 96 171.1 74.8 112.2#

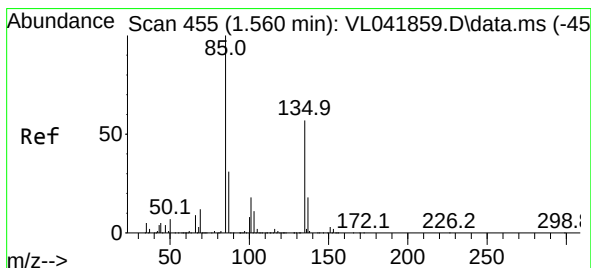
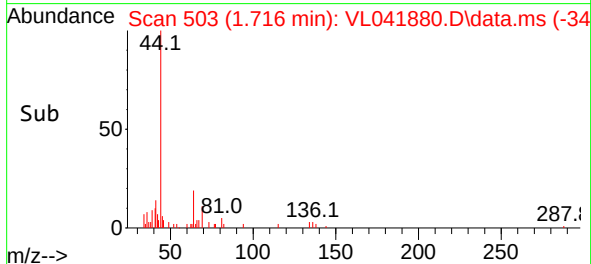
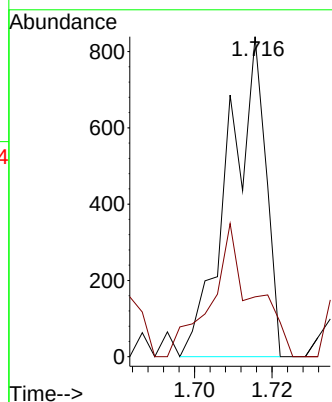
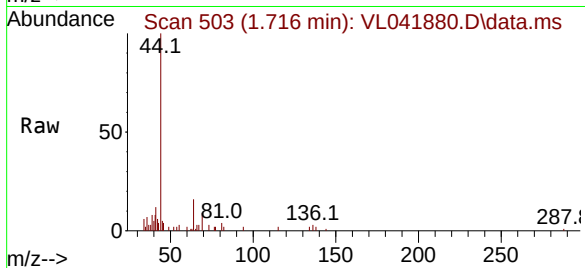




#7
Chloroethane
Concen: 0.176 ppbv
RT: 1.716 min Scan# 502
Delta R.T. 0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

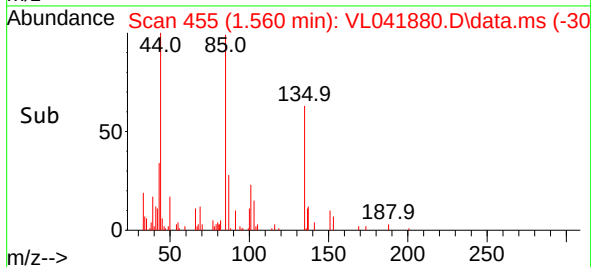
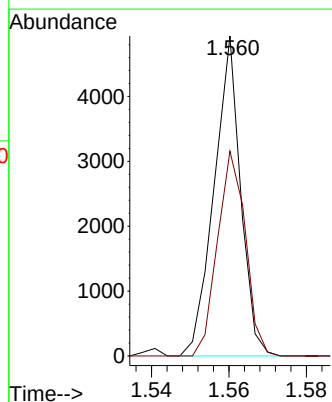
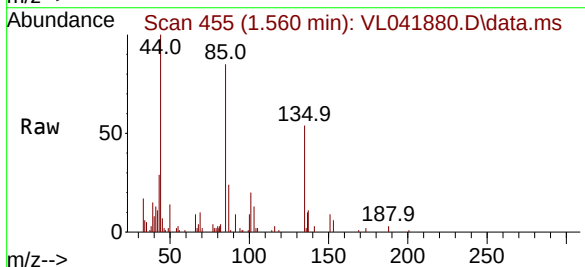
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.1

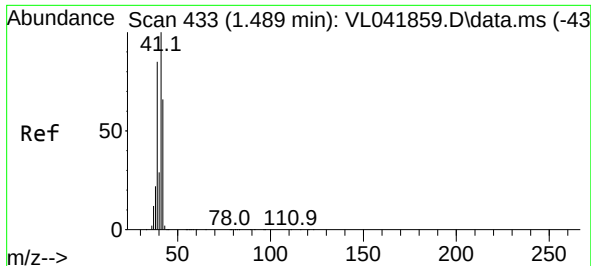
Tgt Ion: 64 Resp: 560
Ion Ratio Lower Upper
64 100
66 18.7 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.136 ppbv
RT: 1.560 min Scan# 455
Delta R.T. -0.000 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 85 Resp: 2345
Ion Ratio Lower Upper
85 100
135 67.5 52.2 78.4





#9

Propene

Concen: 0.190 ppbv

RT: 1.489 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

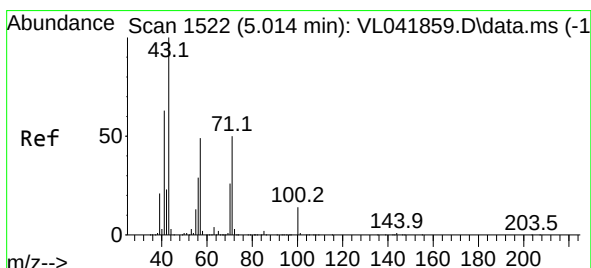
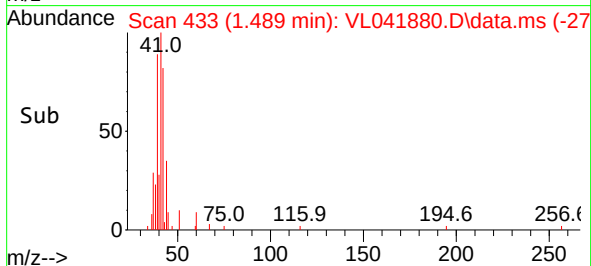
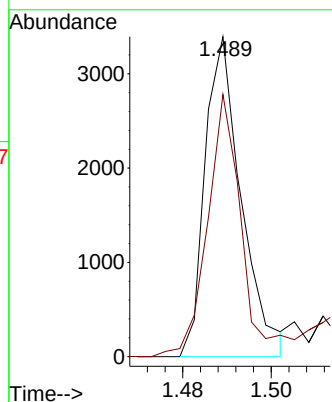
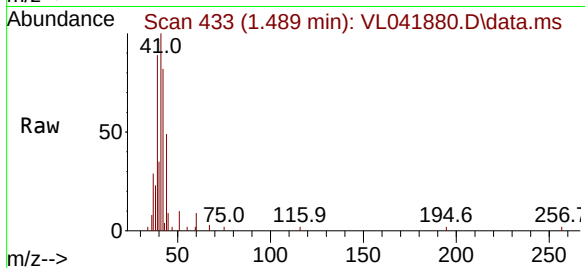
MDL 0.1

Tgt Ion: 41 Resp: 1930

Ion Ratio Lower Upper

41 100

42 93.4 53.0 79.6#



#10

Heptane

Concen: 0.032 ppbv

RT: 5.014 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VL041880.D

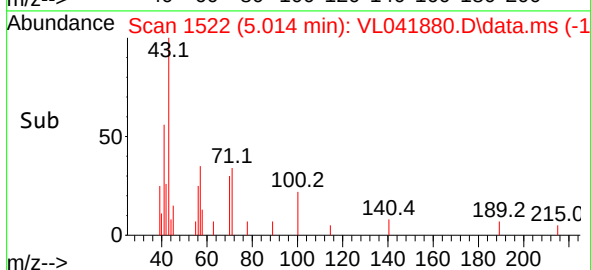
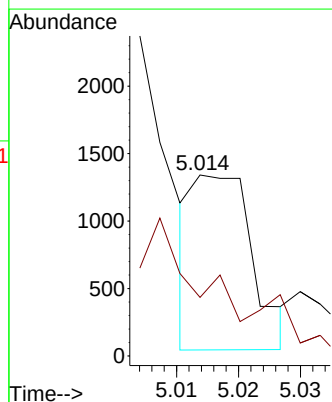
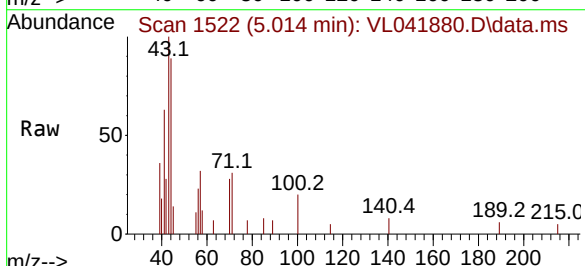
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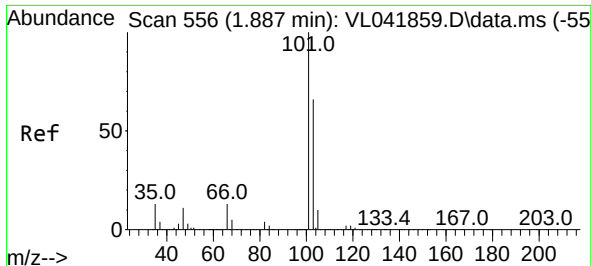
Tgt Ion: 43 Resp: 870

Ion Ratio Lower Upper

43 100

57 0.0 40.2 60.2#

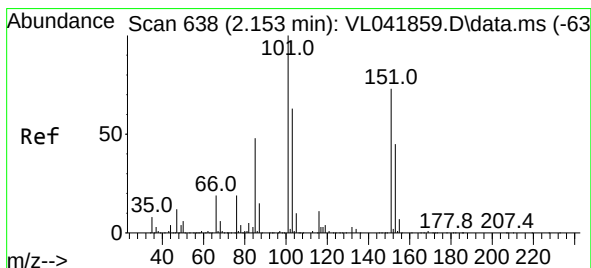
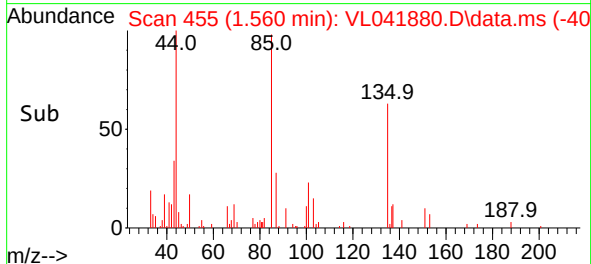
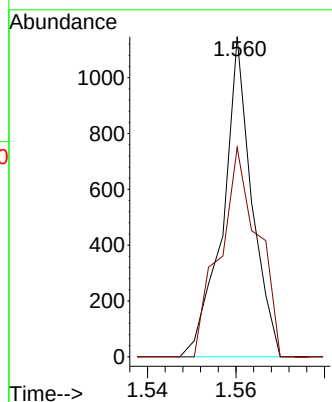
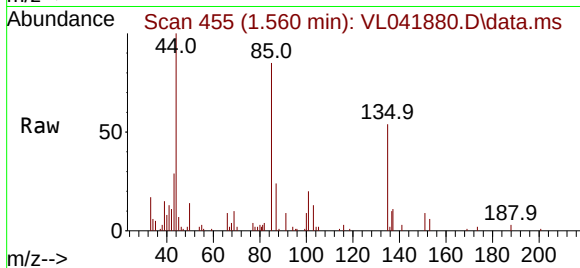




#11
 Trichlorofluoromethane
 Concen: 0.025 ppbv
 RT: 1.560 min Scan# 411
 Delta R.T. -0.327 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

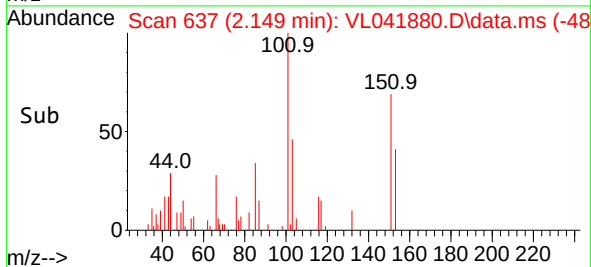
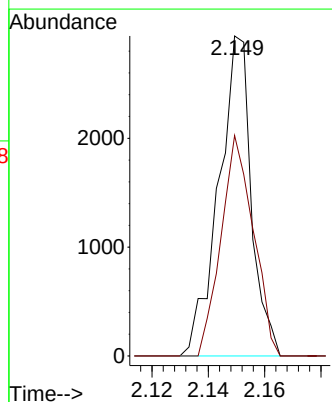
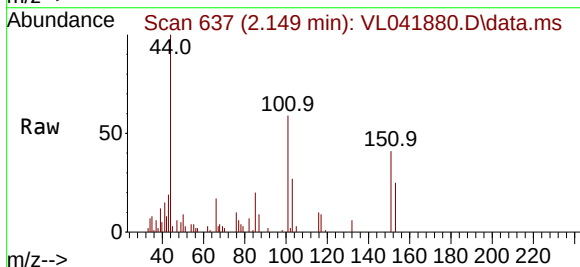
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

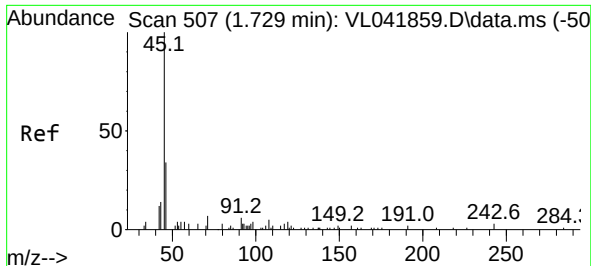
Tgt Ion:101 Resp: 519
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.144 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. -0.003 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

Tgt Ion:101 Resp: 2370
 Ion Ratio Lower Upper
 101 100
 151 68.1 59.4 89.0





#13

Ethanol

Concen: 5.041 ppbv

RT: 1.894 min Scan# 51

Delta R.T. 0.165 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

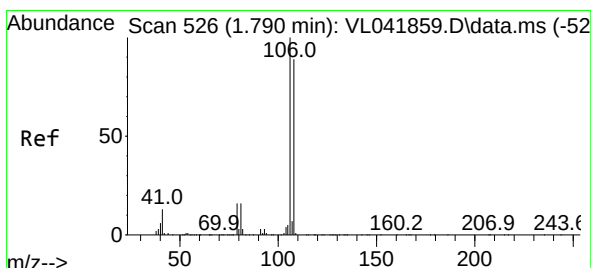
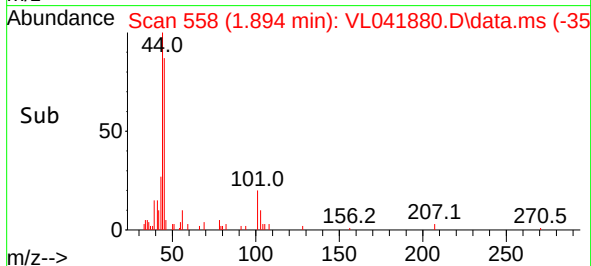
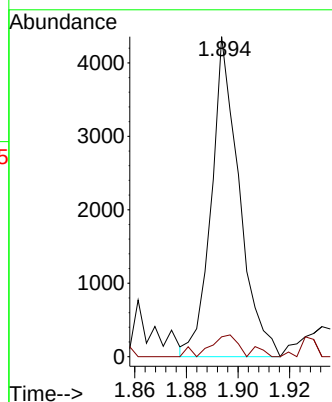
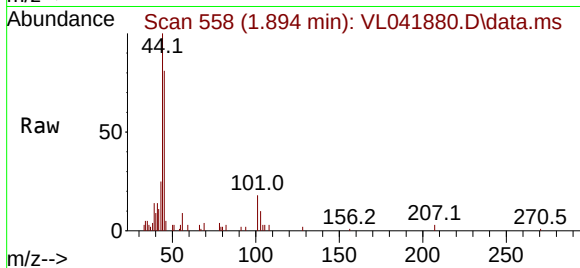
MDL 0.1

Tgt Ion: 45 Resp: 3255

Ion Ratio Lower Upper

45 100

46 0.0 19.0 76.0#



#14

Bromoethene

Concen: 0.154 ppbv

RT: 1.790 min Scan# 526

Delta R.T. -0.000 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

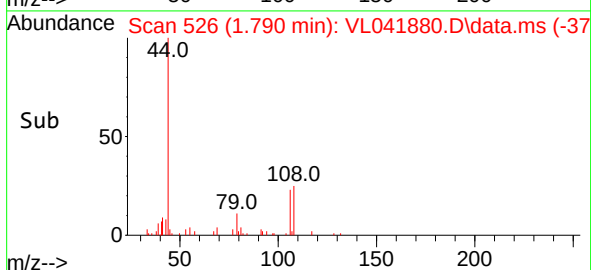
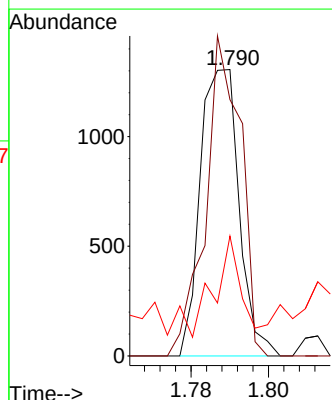
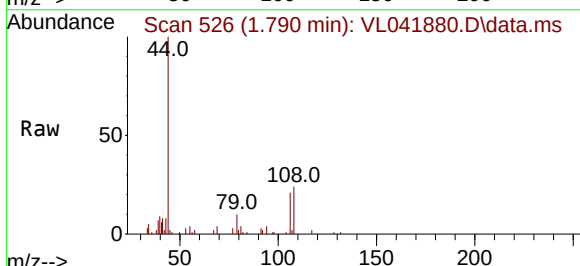
Tgt Ion: 108 Resp: 910

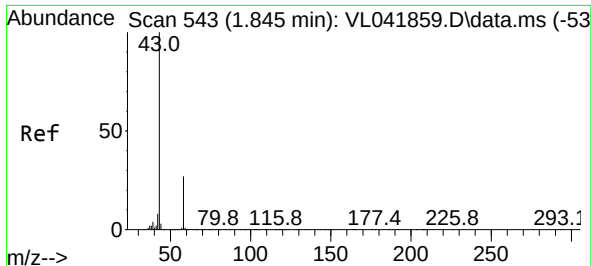
Ion Ratio Lower Upper

108 100

106 103.8 86.9 130.3

79 115.6 15.6 23.4#

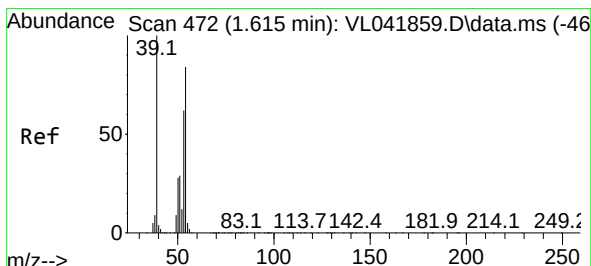
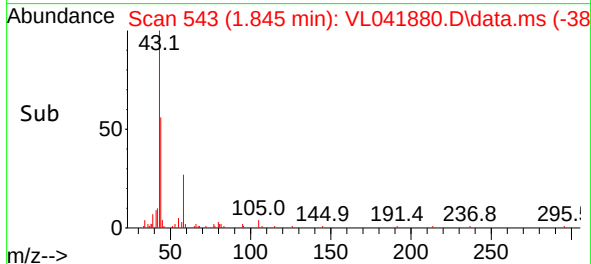
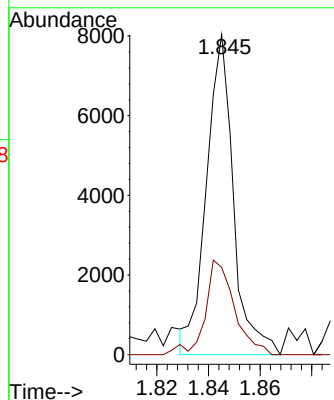
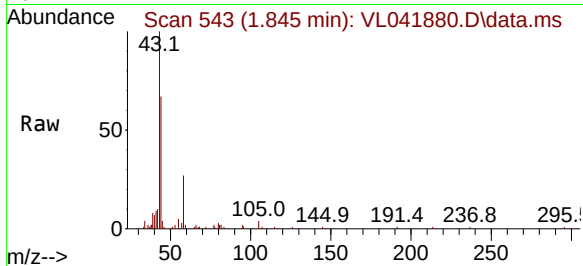




#15
Acetone
Concen: 0.285 ppbv
RT: 1.845 min Scan# 543
Delta R.T. -0.000 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

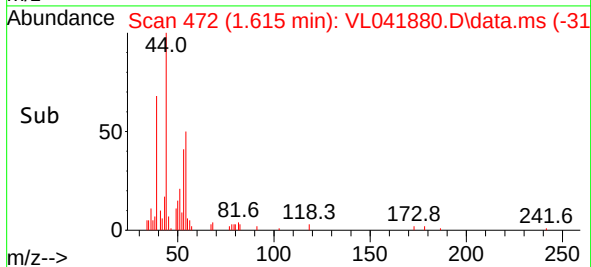
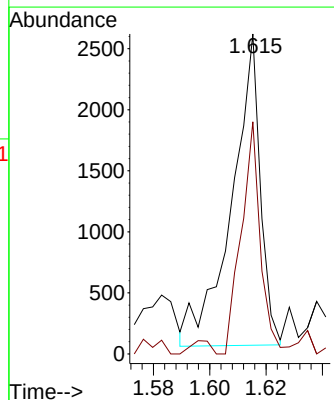
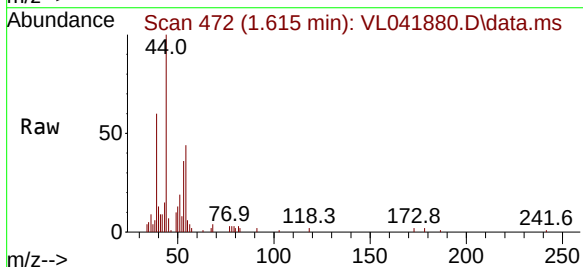
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

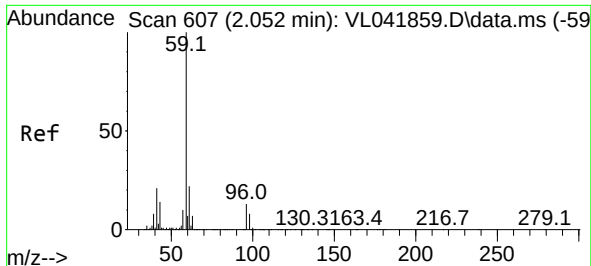
Tgt Ion: 43 Resp: 5810
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1



#16
1,3-Butadiene
Concen: 0.206 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 39 Resp: 1801
Ion Ratio Lower Upper
39 100
54 56.4 60.1 90.1#





#17

tert-Butyl alcohol

Concen: 0.131 ppbv

RT: 2.052 min Scan# 607

Delta R.T. -0.000 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

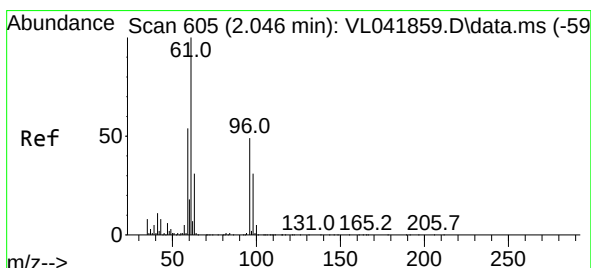
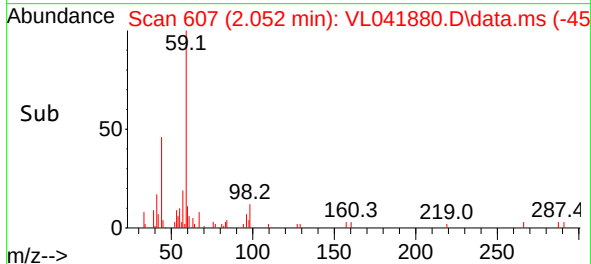
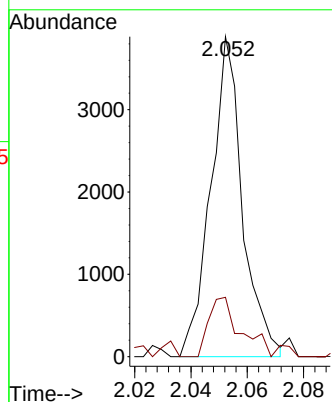
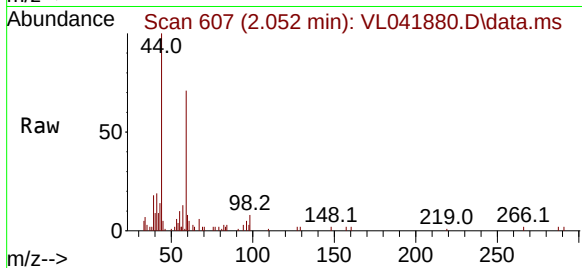
MDL 0.1

Tgt Ion: 59 Resp: 3031

Ion Ratio Lower Upper

59 100

57 21.4 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.162 ppbv

RT: 2.350 min Scan# 699

Delta R.T. 0.304 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

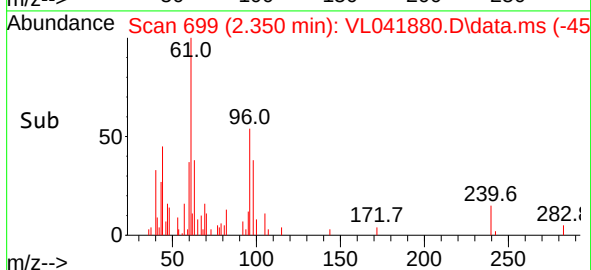
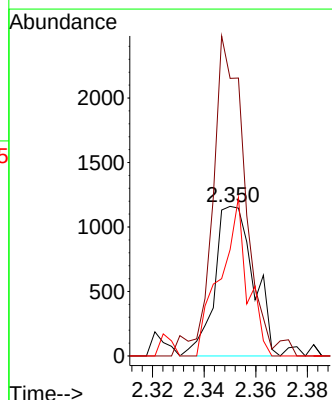
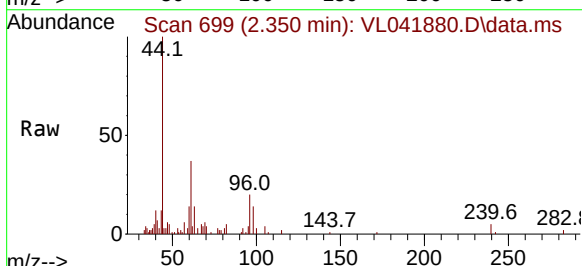
Tgt Ion: 96 Resp: 1206

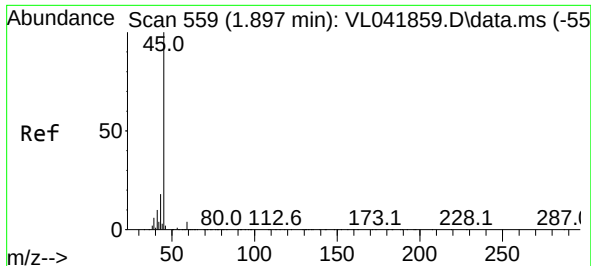
Ion Ratio Lower Upper

96 100

61 195.1 161.7 242.5

98 71.1 51.0 76.4

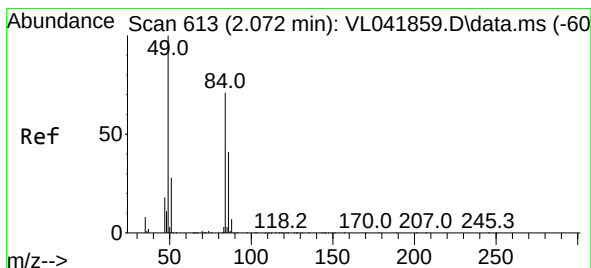
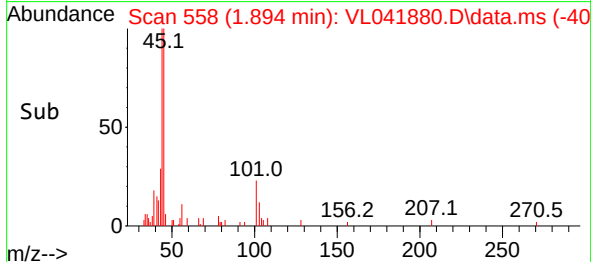
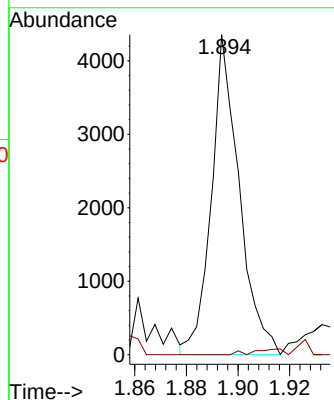
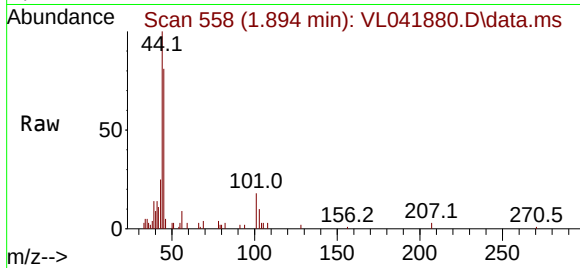




#19
Isopropyl Alcohol
Concen: 0.304 ppbv
RT: 1.894 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

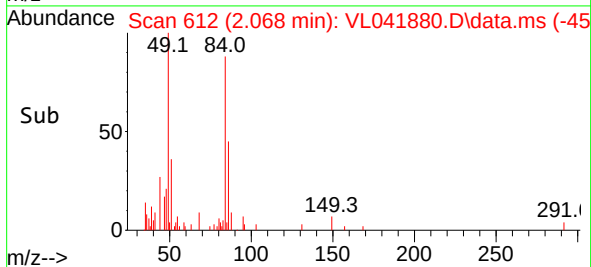
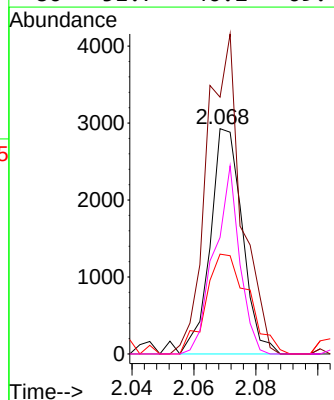
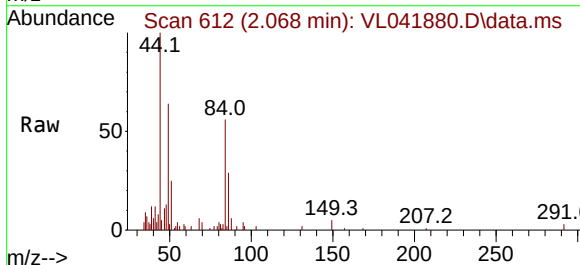
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.1

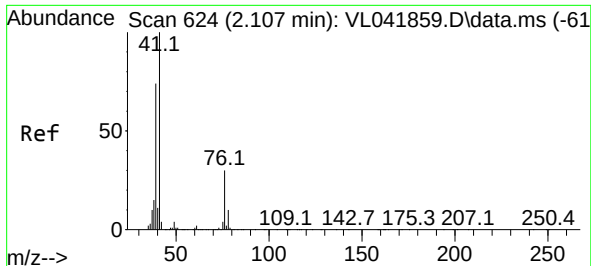
Tgt Ion: 45 Resp: 3255
Ion Ratio Lower Upper
45 100
58 3.7 37.0 55.6#



#20
Methylene Chloride
Concen: 0.302 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 84 Resp: 2098
Ion Ratio Lower Upper
84 100
49 113.9 113.8 170.8
51 44.3 33.5 50.3
86 51.7 46.2 69.4

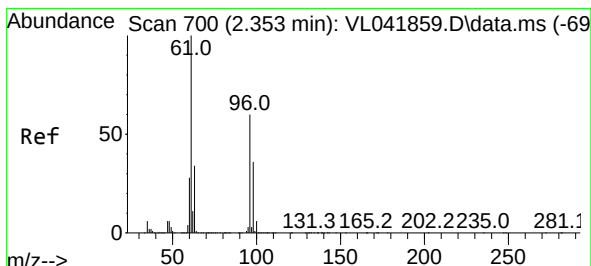
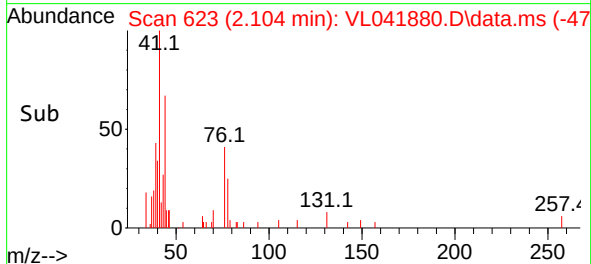
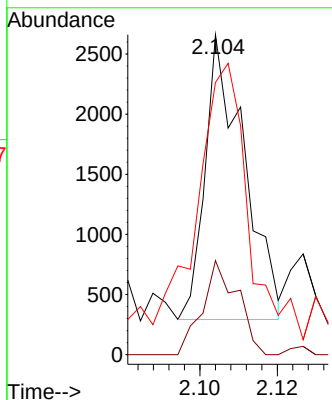
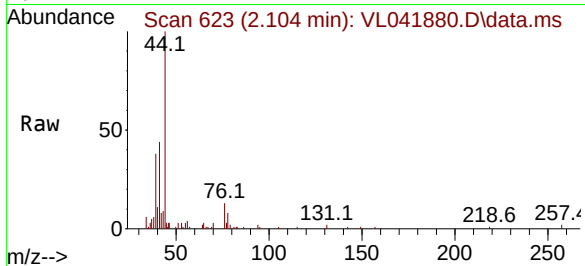




#21
 Allyl Chloride
 Concen: 0.127 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

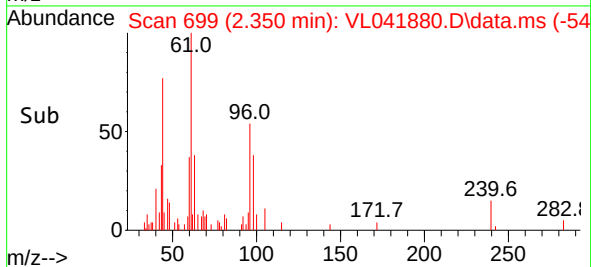
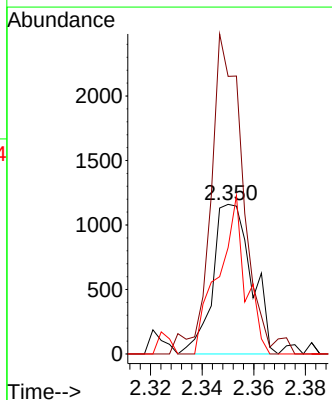
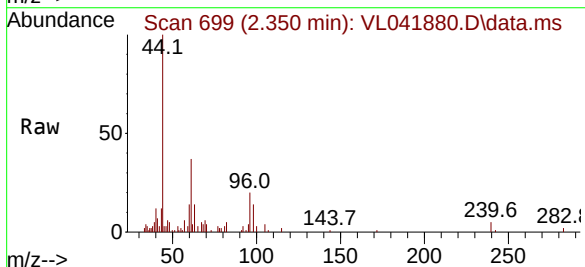
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

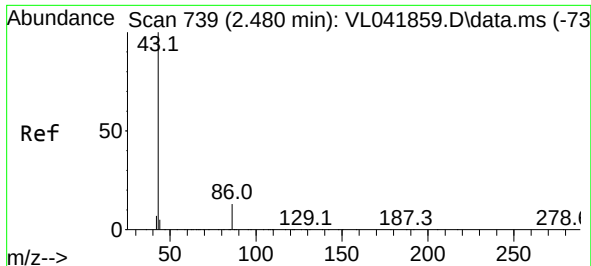
Tgt Ion: 41 Resp: 1651
 Ion Ratio Lower Upper
 41 100
 76 31.2 24.6 36.8
 39 154.8 60.1 90.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.140 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. -0.003 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

Tgt Ion: 96 Resp: 1206
 Ion Ratio Lower Upper
 96 100
 61 195.1 134.2 201.4
 98 71.1 49.0 73.4





#23

Vinyl Acetate

Concen: 0.205 ppbv

RT: 2.473 min Scan# 71

Delta R.T. -0.007 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion: 43 Resp: 2113

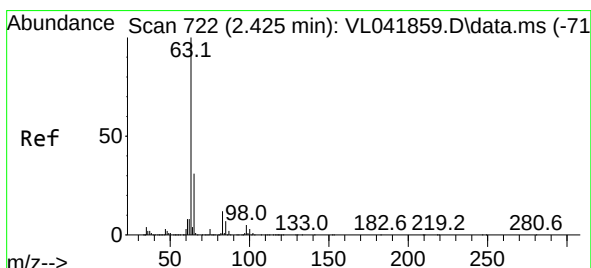
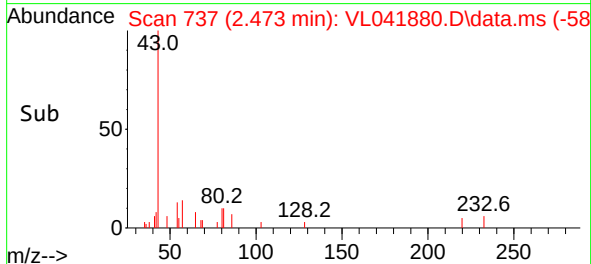
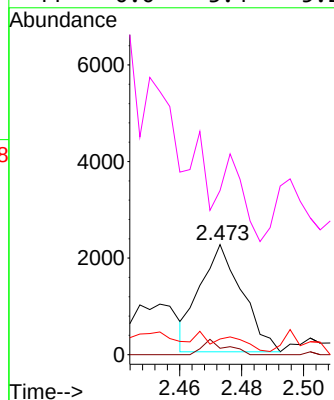
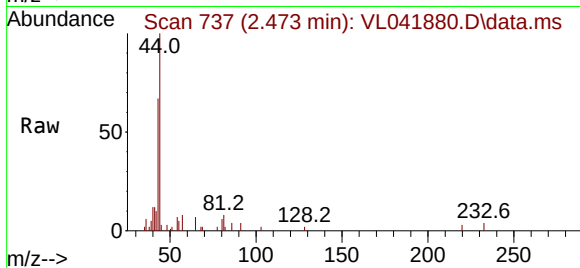
Ion Ratio Lower Upper

43 100

86 6.0 7.8 11.6#

42 5.8 7.0 10.4#

44 0.0 3.4 5.2#



#24

1,1-Dichloroethane

Concen: 0.119 ppbv

RT: 2.421 min Scan# 721

Delta R.T. -0.003 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

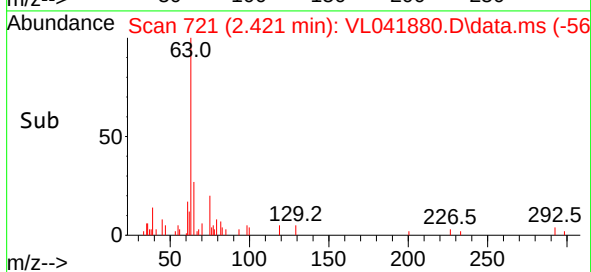
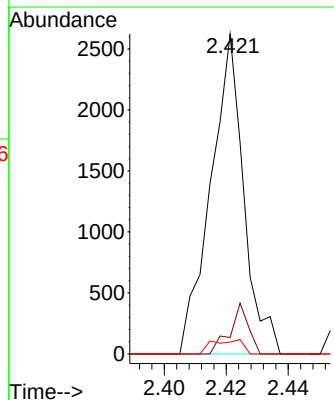
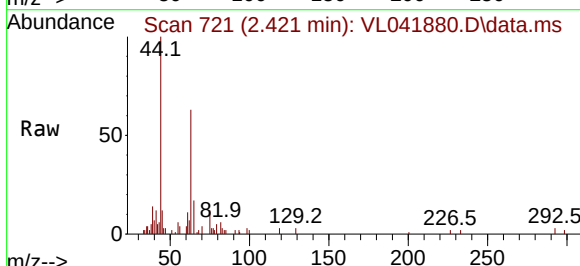
Tgt Ion: 63 Resp: 1940

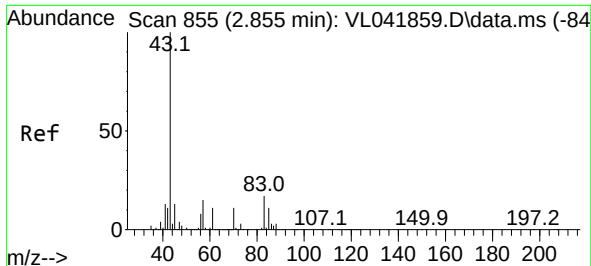
Ion Ratio Lower Upper

63 100

98 5.1 2.3 6.9

100 3.7 1.3 3.8

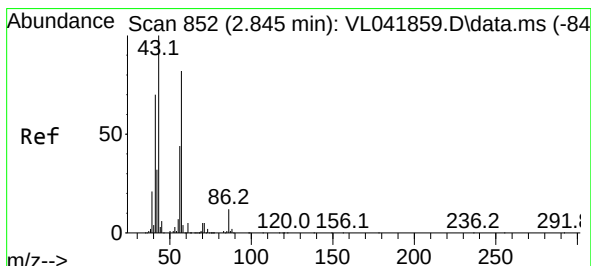
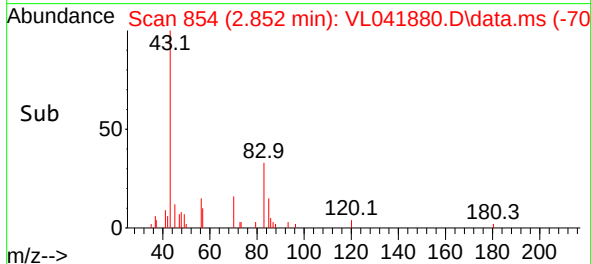
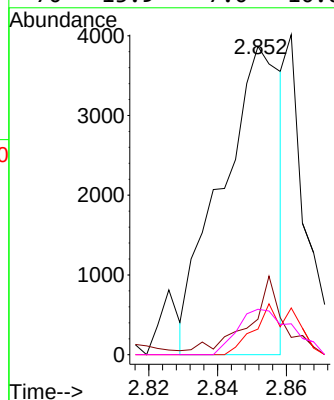
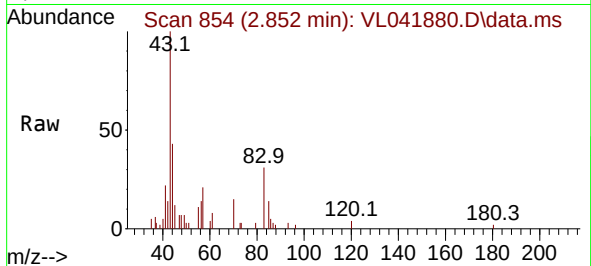




#25
Ethyl Acetate
Concen: 0.091 ppbv
RT: 2.852 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

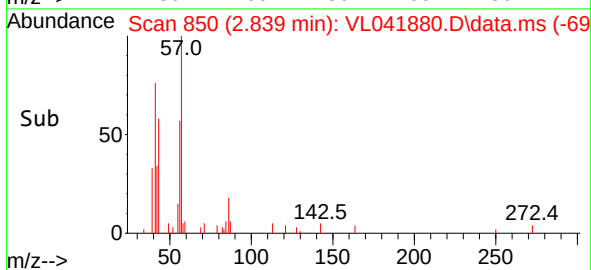
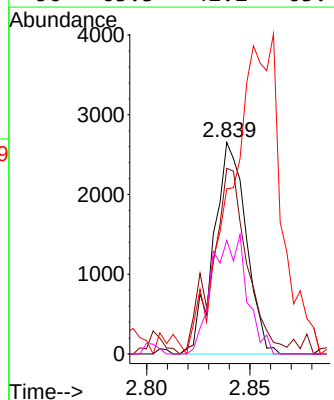
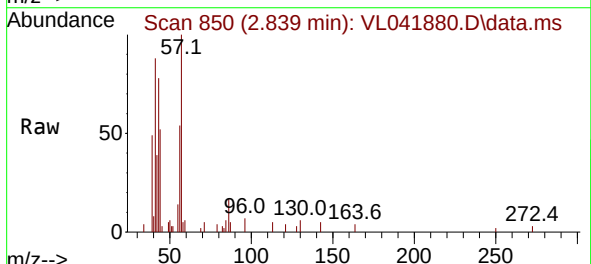
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

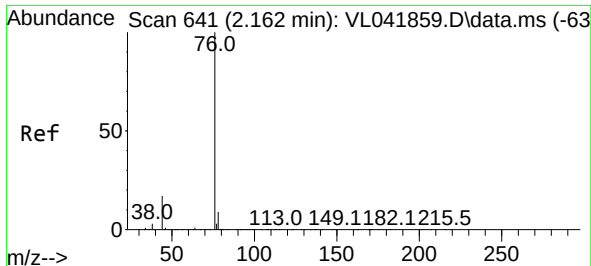
Tgt Ion: 43	Resp: 4622
Ion Ratio	Lower Upper
43 100	
45 19.1	8.4 12.6#
61 11.5	7.3 10.9#
70 13.9	7.0 10.6#



#26
Hexane
Concen: 0.139 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 57	Resp: 2902
Ion Ratio	Lower Upper
57 100	
41 106.1	71.5 107.3
43 234.1	200.2 300.4
56 63.3	42.2 63.4





#27

Carbon Disulfide

Concen: 0.115 ppbv

RT: 2.162 min Scan# 641

Delta R.T. -0.000 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

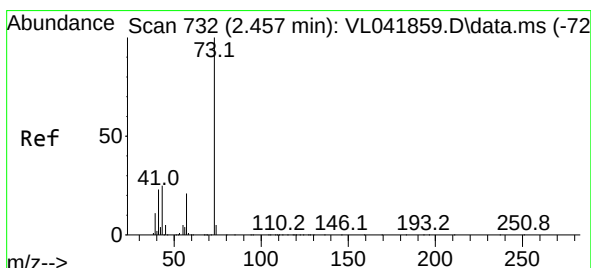
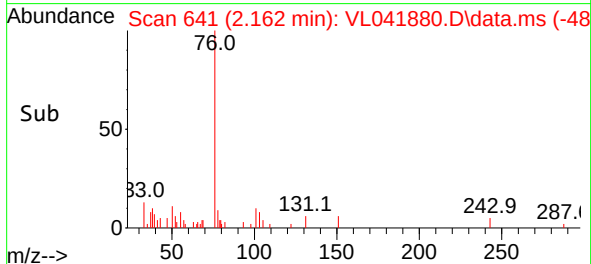
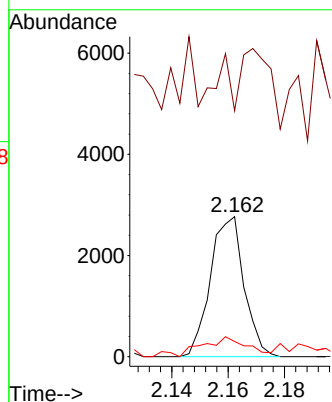
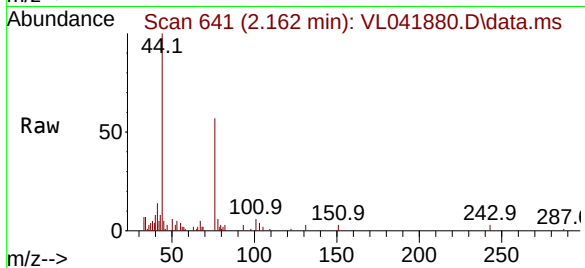
Tgt Ion: 76 Resp: 2296

Ion Ratio Lower Upper

76 100

44 232.7 13.1 19.7#

78 22.2 9.5 14.3#



#28

Methyl tert-Butyl Ether

Concen: 0.118 ppbv

RT: 2.450 min Scan# 730

Delta R.T. -0.007 min

Lab File: VL041880.D

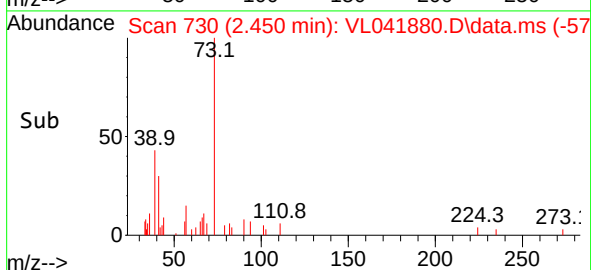
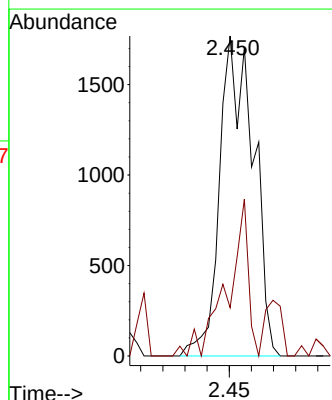
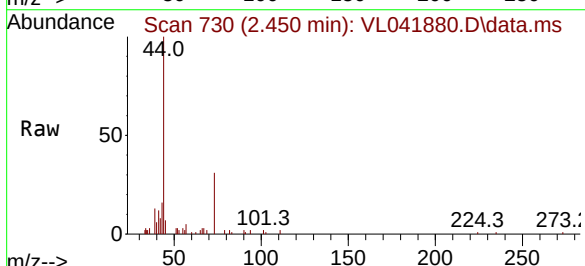
Acq: 09 Jan 2025 22:47

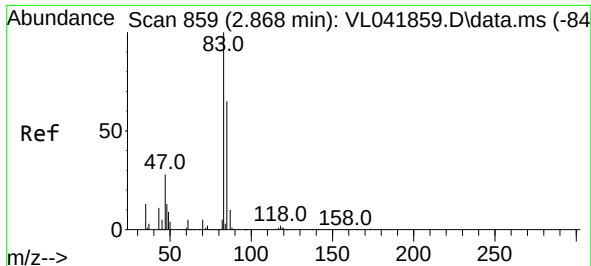
Tgt Ion: 73 Resp: 1870

Ion Ratio Lower Upper

73 100

57 40.6 17.5 26.3#





#29

Chloroform

Concen: 0.007 ppbv

RT: 2.418 min Scan# 71

Delta R.T. -0.450 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

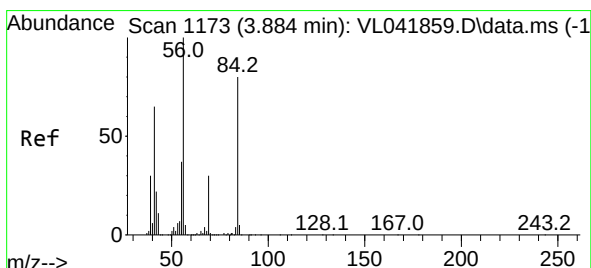
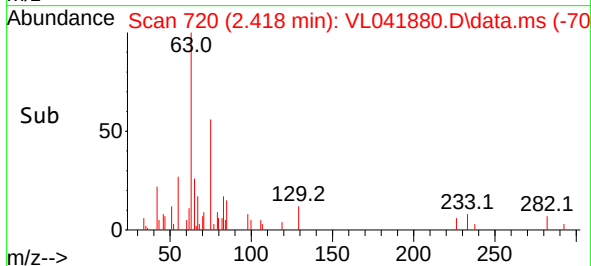
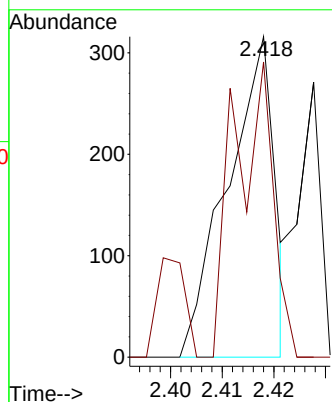
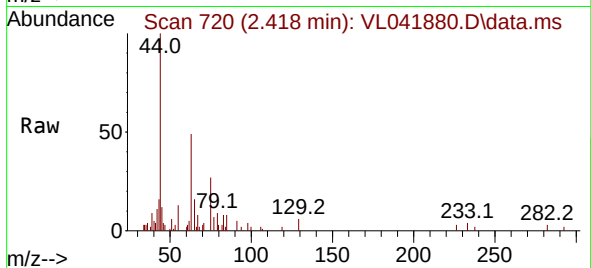
MDL 0.1

Tgt Ion: 83 Resp: 201

Ion Ratio Lower Upper

83 100

85 67.4 51.7 77.5



#30

Cyclohexane

Concen: 0.108 ppbv

RT: 3.874 min Scan# 1170

Delta R.T. -0.010 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

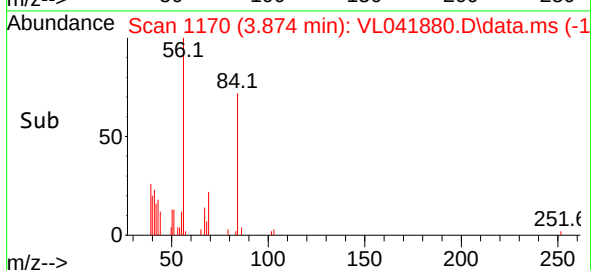
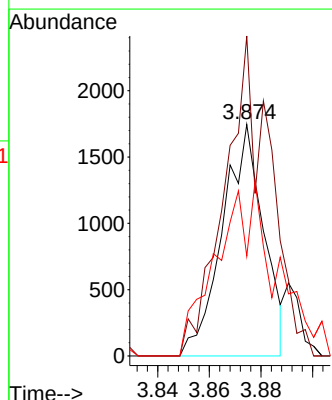
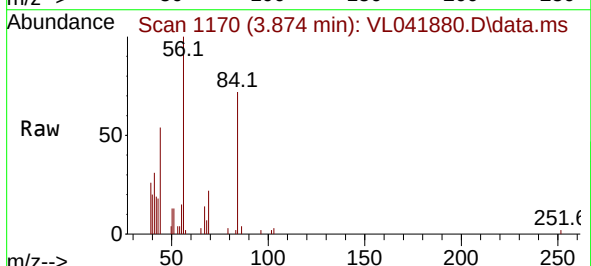
Tgt Ion: 84 Resp: 1926

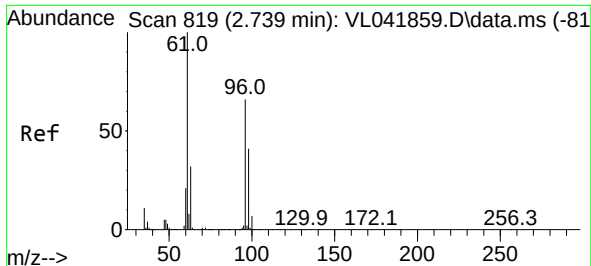
Ion Ratio Lower Upper

84 100

56 156.2 100.7 151.1#

41 115.4 62.8 94.2#

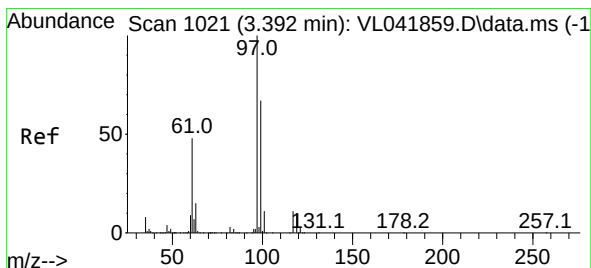
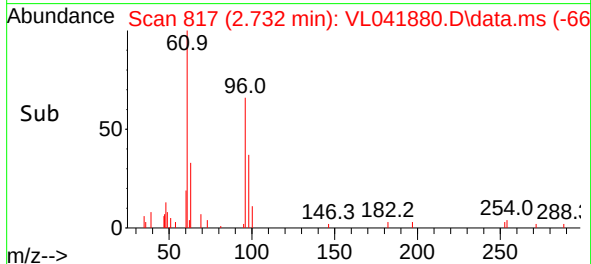
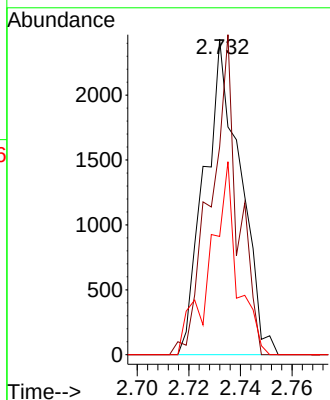
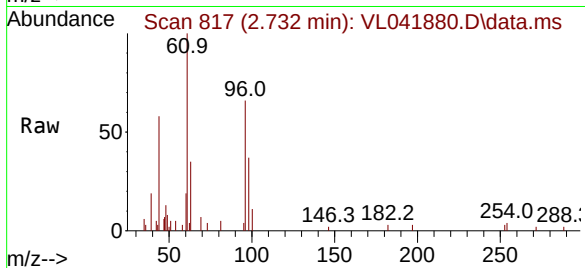




#31
 cis-1,2-Dichloroethene
 Concen: 0.115 ppbv
 RT: 2.732 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

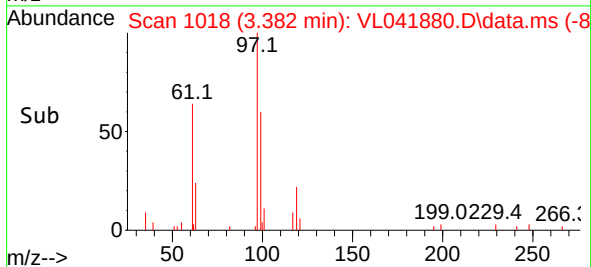
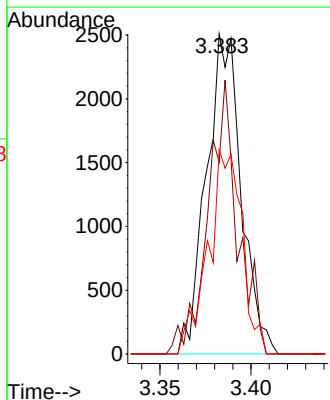
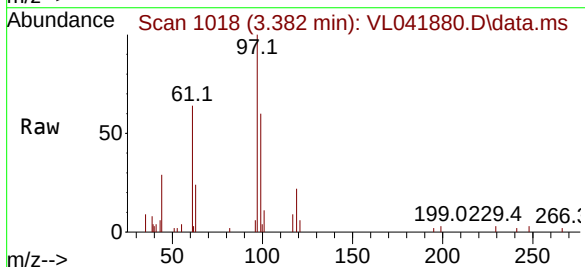
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

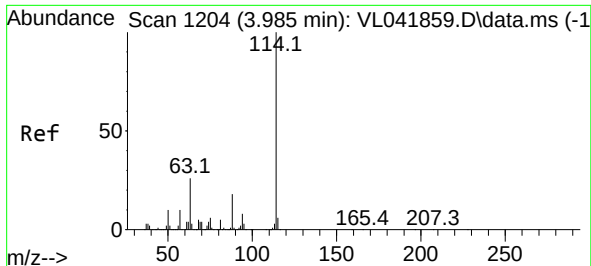
Tgt Ion:	61	Resp:	2344
Ion	Ratio	Lower	Upper
61	100		
96	65.8	53.2	79.8
98	37.5	32.5	48.7



#32
 1,1,1-Trichloroethane
 Concen: 0.115 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. -0.010 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

Tgt Ion:	97	Resp:	3338
Ion	Ratio	Lower	Upper
97	100		
99	72.7	52.0	78.0
61	62.0	38.8	58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.978 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

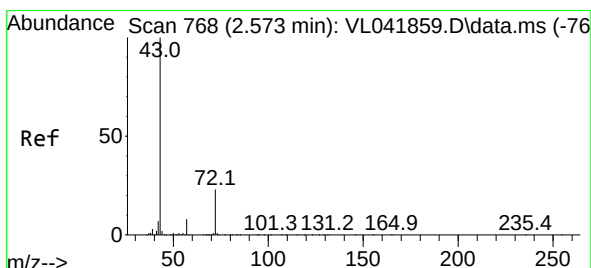
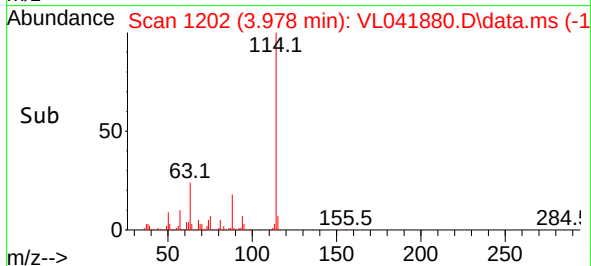
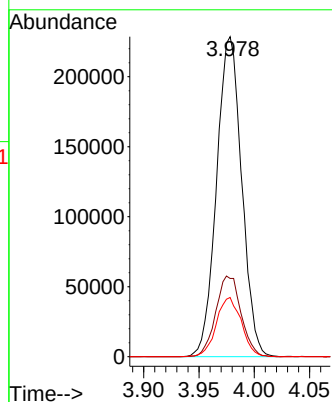
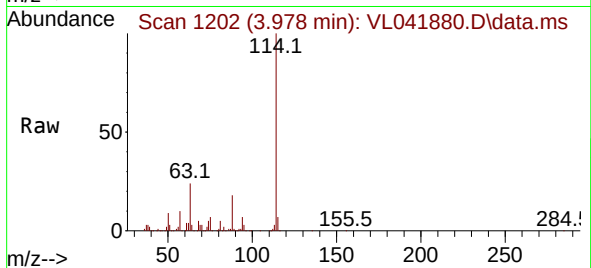
Tgt Ion:114 Resp: 361107

Ion Ratio Lower Upper

114 100

63 25.4 20.3 30.5

88 18.4 14.6 21.8



#34

2-Butanone

Concen: 0.130 ppbv

RT: 2.577 min Scan# 769

Delta R.T. 0.003 min

Lab File: VL041880.D

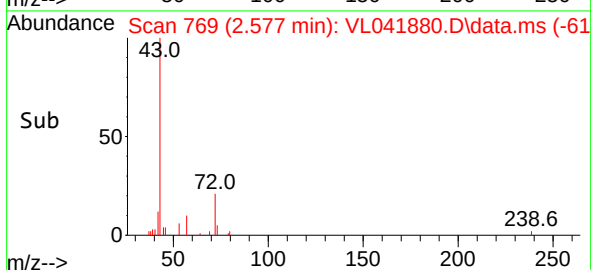
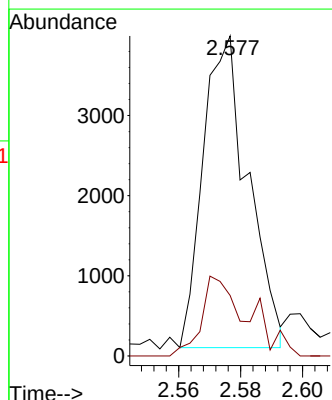
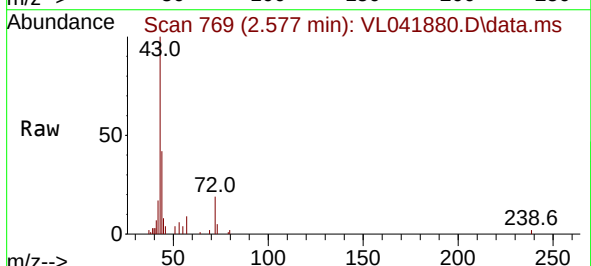
Acq: 09 Jan 2025 22:47

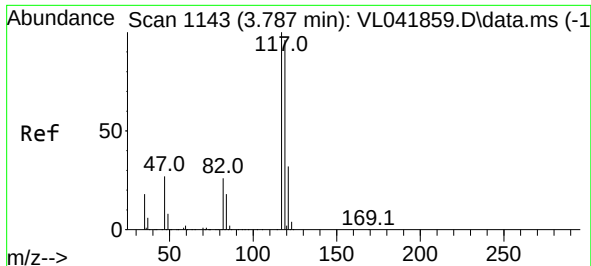
Tgt Ion: 43 Resp: 3901

Ion Ratio Lower Upper

43 100

72 26.6 18.5 27.7

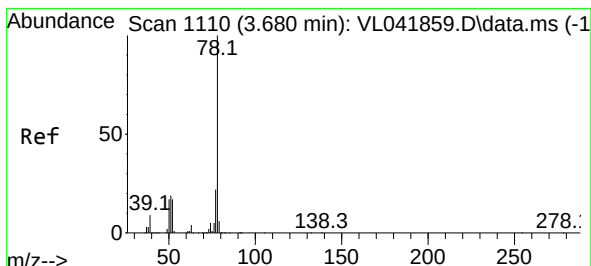
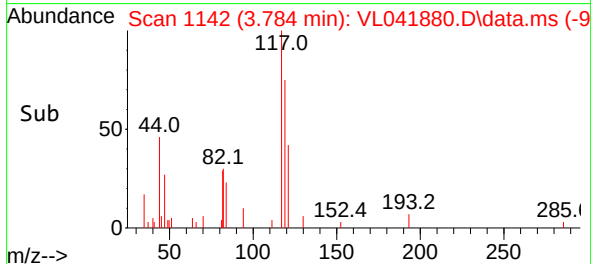
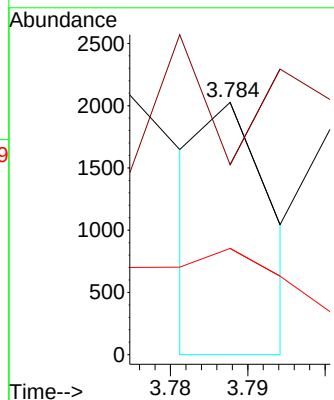
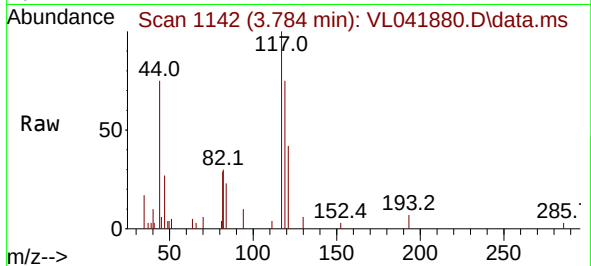




#35
Carbon Tetrachloride
Concen: 0.021 ppbv
RT: 3.784 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

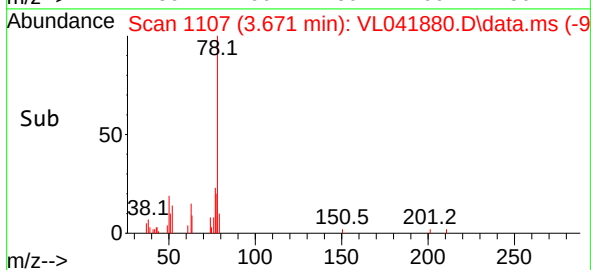
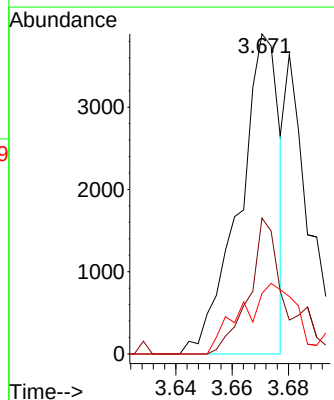
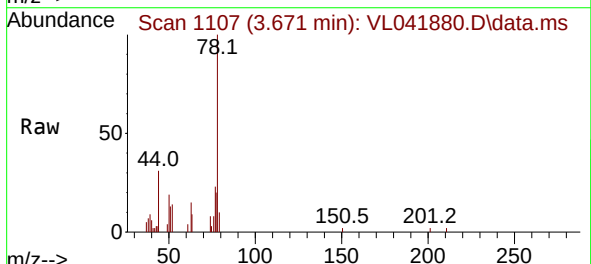
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

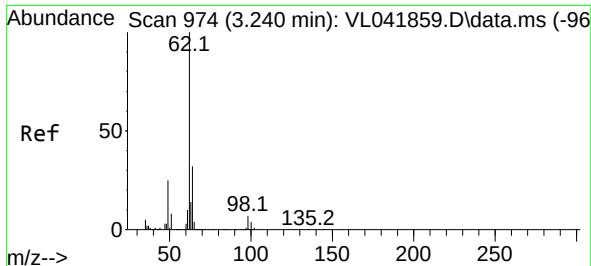
Tgt Ion:117 Resp: 597
Ion Ratio Lower Upper
117 100
119 0.0 76.9 115.3#
121 22.6 25.9 38.9#



#36
Benzene
Concen: 0.091 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 78 Resp: 3821
Ion Ratio Lower Upper
78 100
77 42.4 17.9 26.9#
50 18.9 13.7 20.5





#37

1,2-Dichloroethane

Concen: 0.064 ppbv

RT: 3.237 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

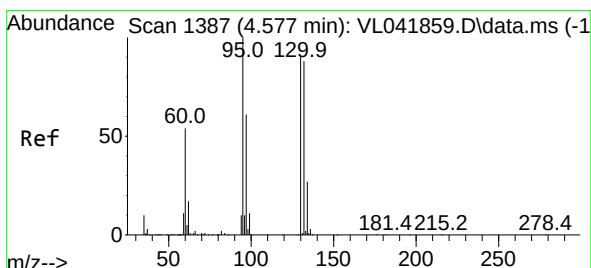
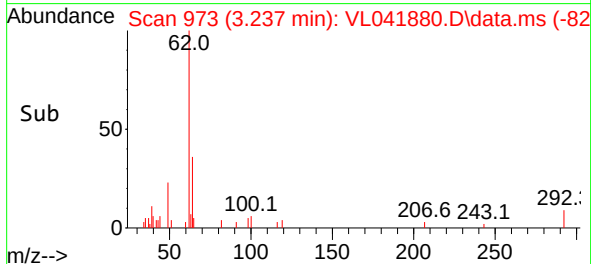
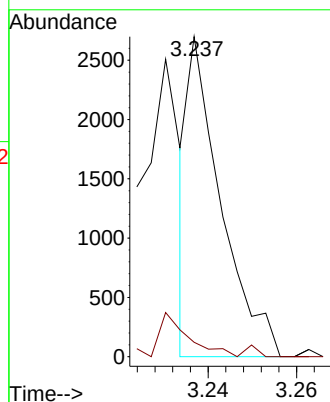
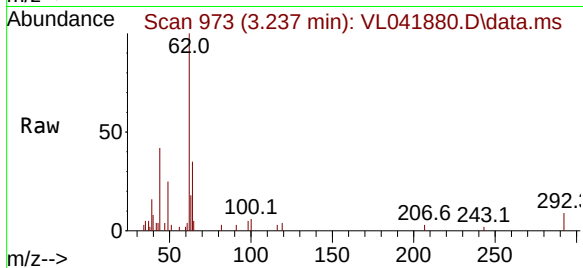
MDL 0.1

Tgt Ion: 62 Resp: 1396

Ion Ratio Lower Upper

62 100

98 0.0 5.6 8.4#



#38

Trichloroethene

Concen: 0.128 ppbv

RT: 4.570 min Scan# 1385

Delta R.T. -0.007 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Tgt Ion:130 Resp: 2122

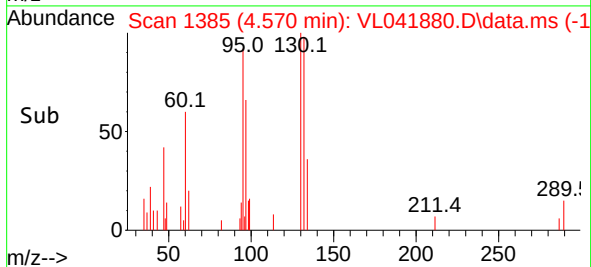
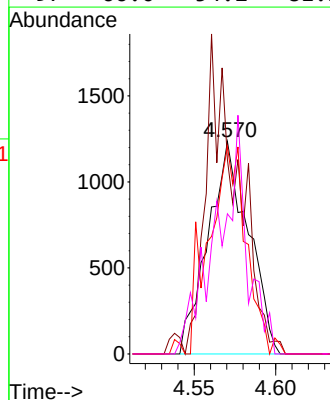
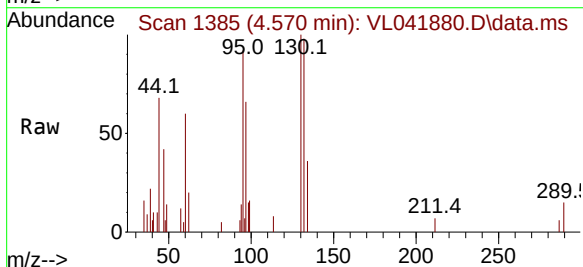
Ion Ratio Lower Upper

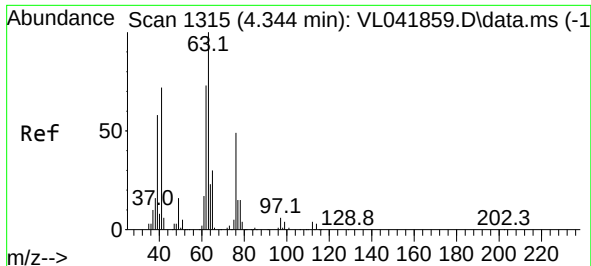
130 100

95 85.7 88.5 132.7#

132 93.2 78.2 117.2

97 66.0 54.2 81.2





#39

1,2-Dichloropropane

Concen: 0.111 ppbv

RT: 4.341 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

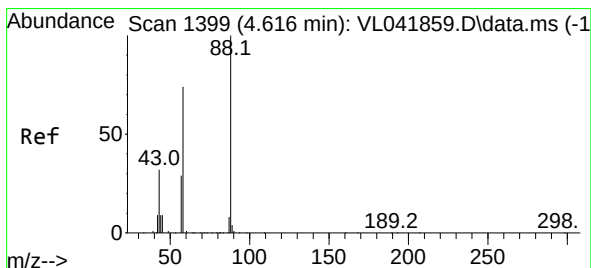
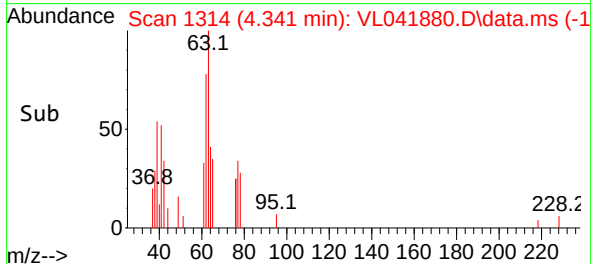
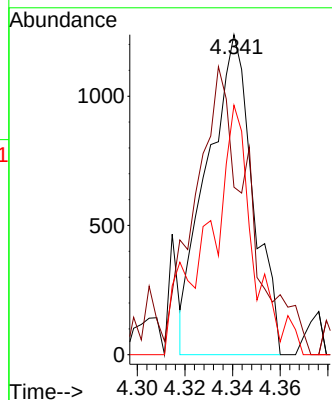
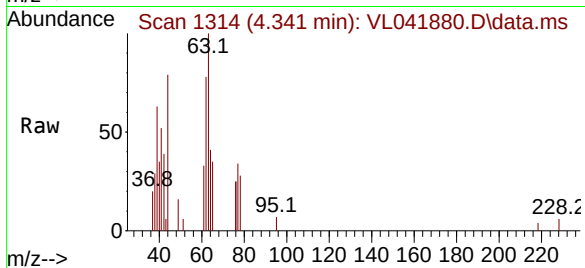
Tgt Ion: 63 Resp: 1657

Ion Ratio Lower Upper

63 100

41 33.6 58.0 87.0#

62 73.9 58.6 87.8



#40

1,4-Dioxane

Concen: 0.015 ppbv

RT: 4.629 min Scan# 1403

Delta R.T. 0.013 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Tgt Ion: 88 Resp: 112

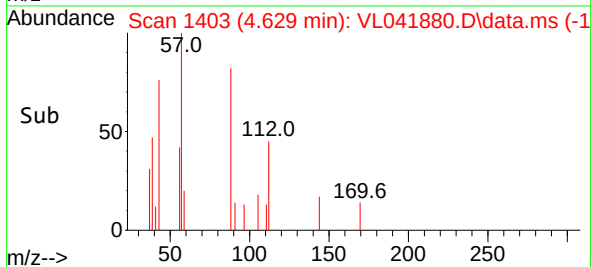
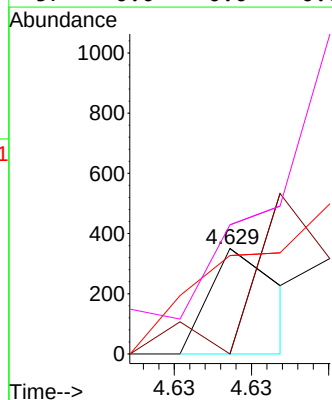
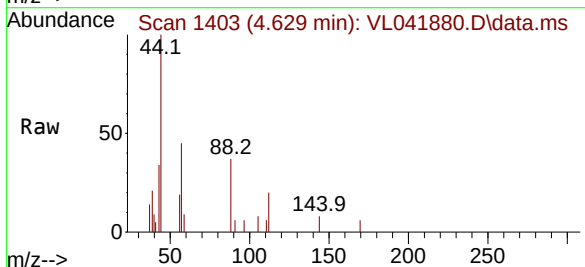
Ion Ratio Lower Upper

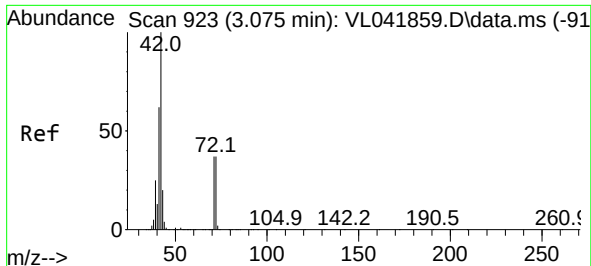
88 100

58 0.0 52.2 78.4#

43 167.0 0.0 0.0#

57 0.0 0.0 0.0

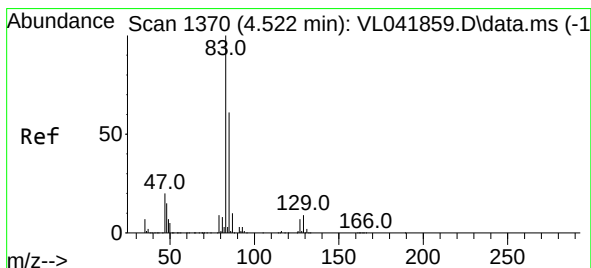
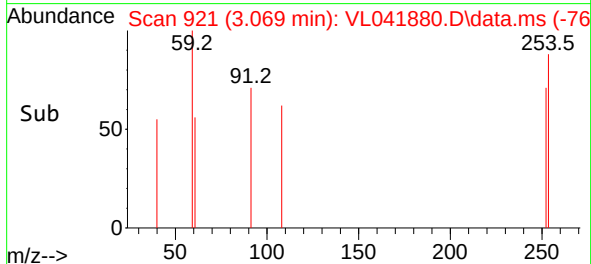
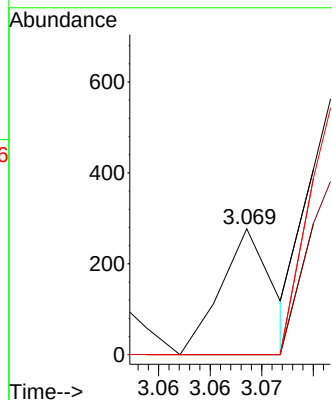
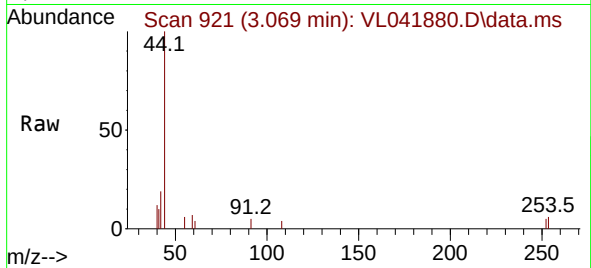




#41
Tetrahydrofuran
Concen: 0.006 ppbv
RT: 3.069 min Scan# 91
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

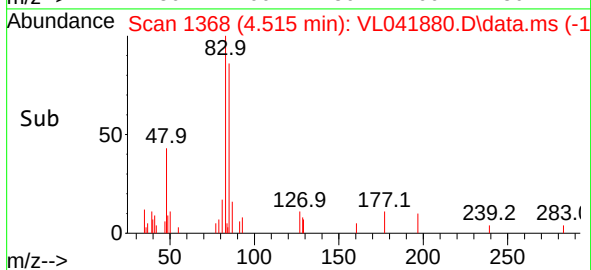
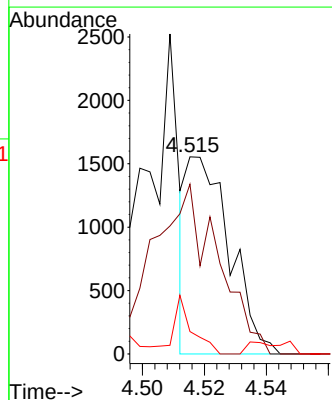
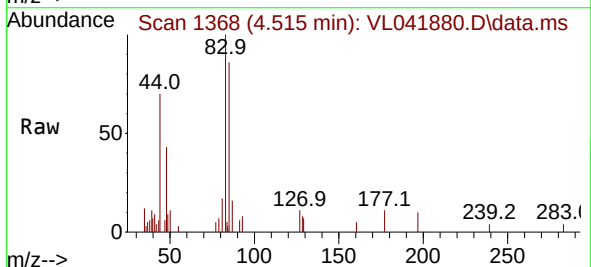
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

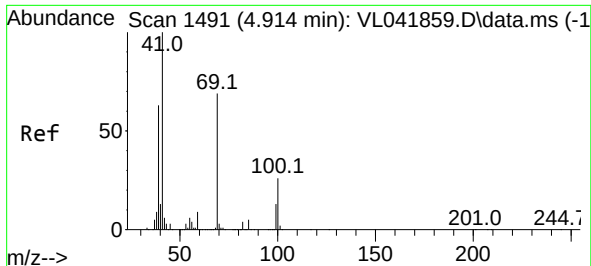
Tgt Ion: 42 Resp: 99
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 1087.9 30.1 45.1#



#42
Bromodichloromethane
Concen: 0.050 ppbv
RT: 4.515 min Scan# 1368
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 83 Resp: 1504
Ion Ratio Lower Upper
83 100
85 82.1 48.9 73.3#
127 6.7 5.4 8.2

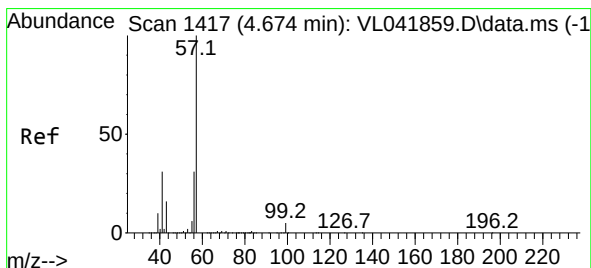
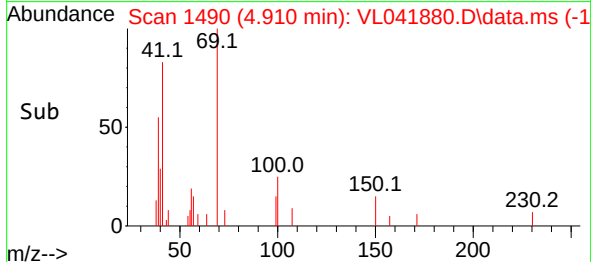
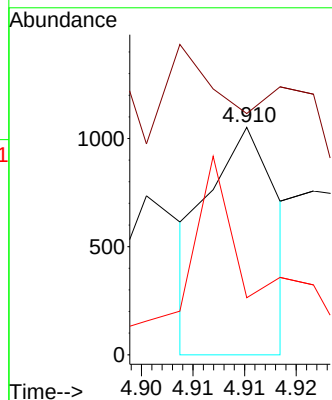
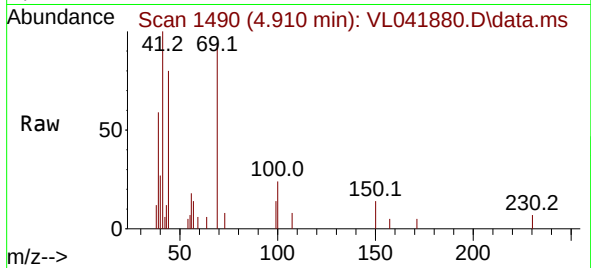




#43
Methyl Methacrylate
Concen: 0.029 ppbv
RT: 4.910 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

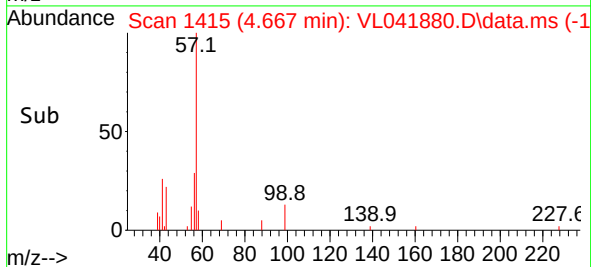
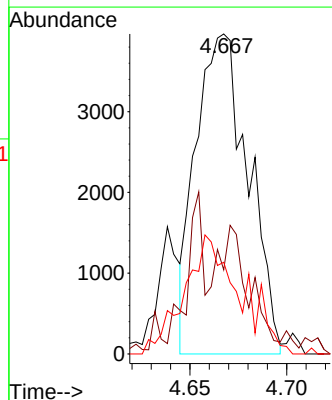
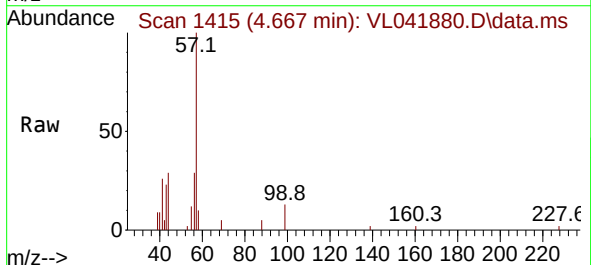
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.1

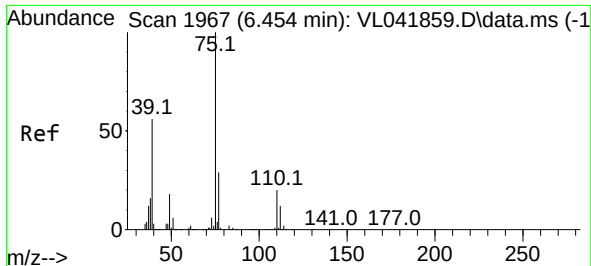
Tgt Ion: 69 Resp: 491
Ion Ratio Lower Upper
69 100
41 0.0 116.2 174.4#
100 139.9 29.8 44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.105 ppbv
RT: 4.667 min Scan# 1415
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 57 Resp: 7465
Ion Ratio Lower Upper
57 100
41 49.1 25.5 38.3#
56 39.7 25.6 38.4#

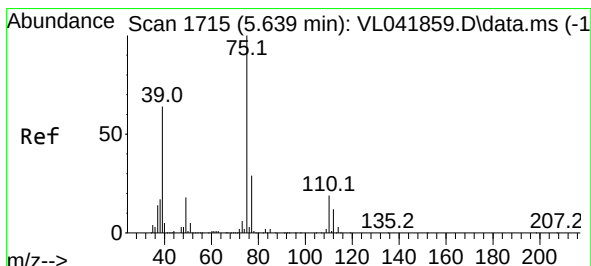
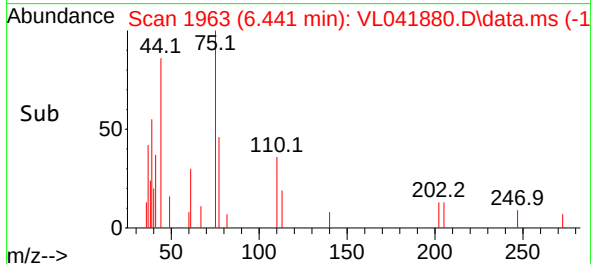
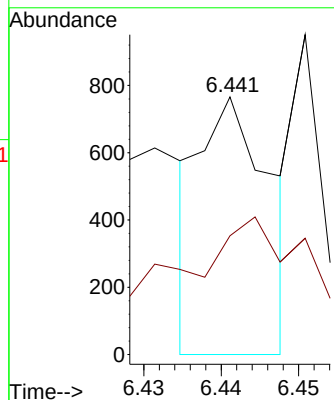
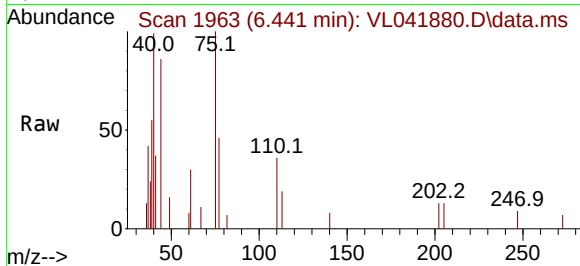




#45
 t-1,3-Dichloropropene
 Concen: 0.027 ppbv
 RT: 6.441 min Scan# 1963
 Delta R.T. -0.013 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

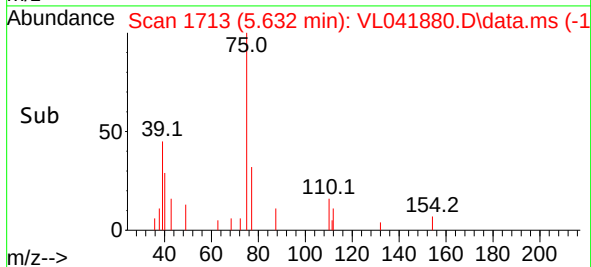
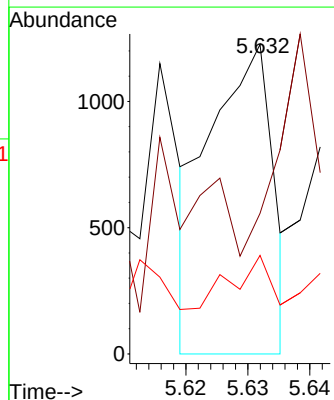
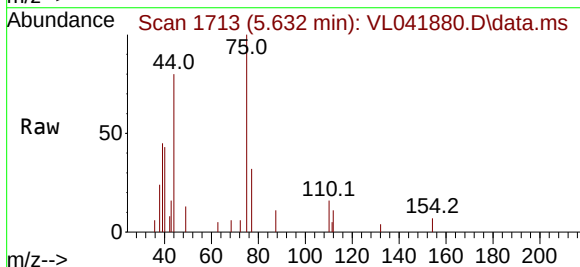
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

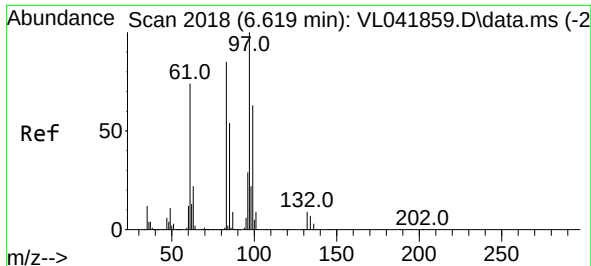
Tgt Ion: 75 Resp: 476
 Ion Ratio Lower Upper
 75 100
 77 46.1 23.4 35.2#



#46
 cis-1,3-Dichloropropene
 Concen: 0.039 ppbv
 RT: 5.632 min Scan# 1713
 Delta R.T. -0.007 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

Tgt Ion: 75 Resp: 877
 Ion Ratio Lower Upper
 75 100
 39 8.6 51.4 77.2#
 77 28.6 23.0 34.4





#47

1,1,2-Trichloroethane

Concen: 0.044 ppbv

RT: 6.606 min Scan# 2018

Delta R.T. -0.013 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion: 97 Resp: 689

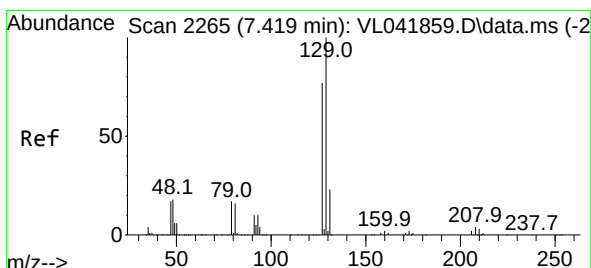
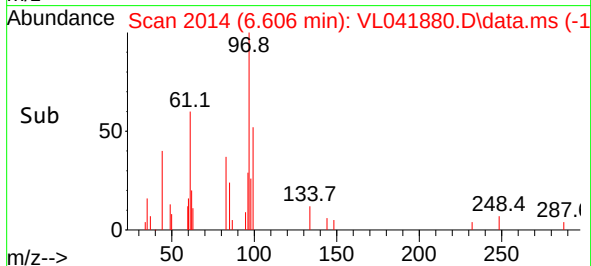
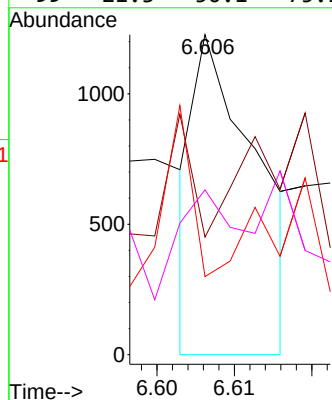
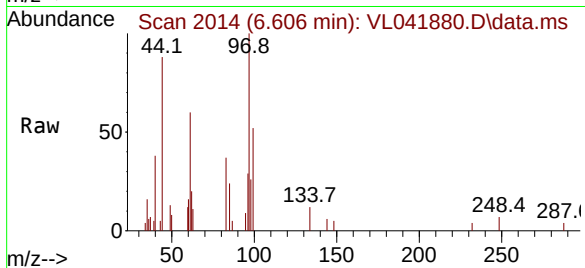
Ion Ratio Lower Upper

97 100

83 0.0 68.1 102.1#

85 0.0 43.4 65.2#

99 21.3 50.1 75.1#



#48

Dibromochloromethane

Concen: 0.023 ppbv

RT: 7.402 min Scan# 2260

Delta R.T. -0.016 min

Lab File: VL041880.D

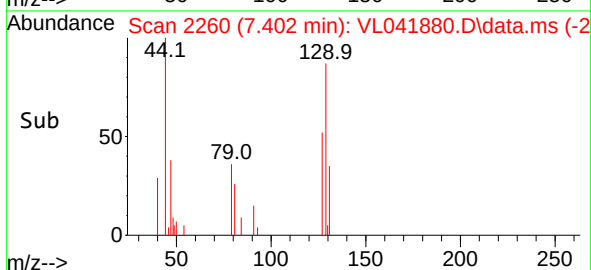
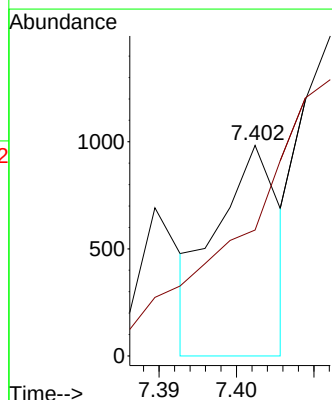
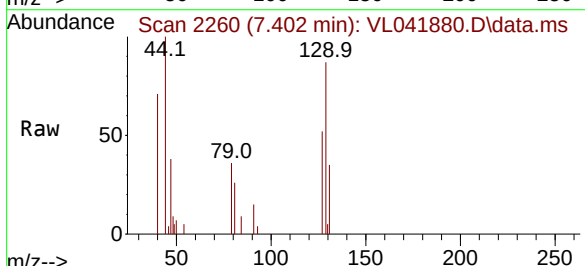
Acq: 09 Jan 2025 22:47

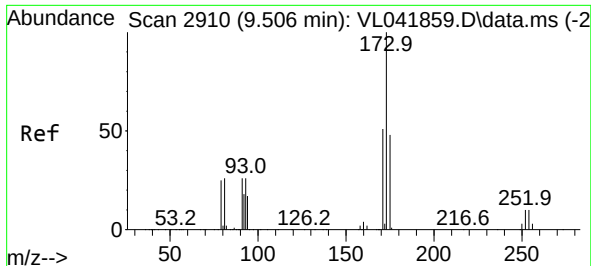
Tgt Ion: 129 Resp: 557

Ion Ratio Lower Upper

129 100

127 0.0 39.4 118.1#





#49

Bromoform

Concen: 0.026 ppbv

RT: 9.493 min Scan# 2910

Delta R.T. -0.013 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

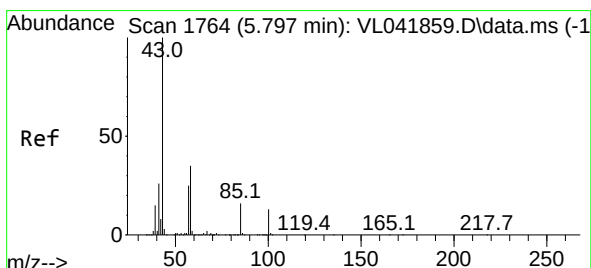
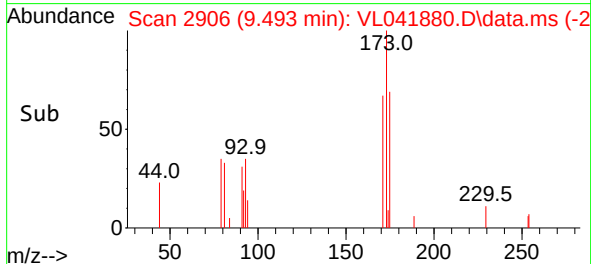
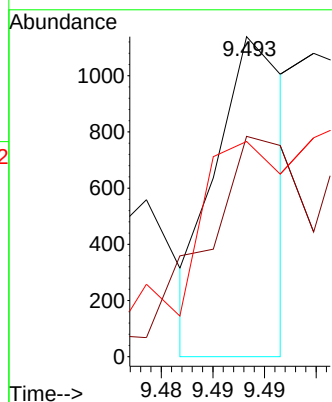
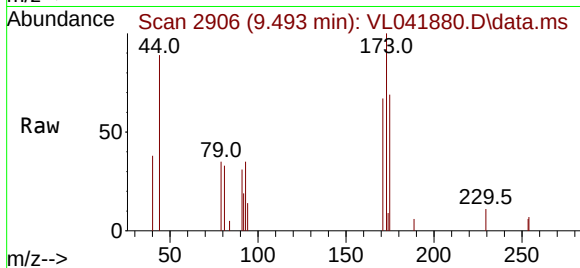
MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion:173 Resp: 540

Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.2	57.2#
171	0.0	41.3	61.9#



#50

4-Methyl-2-Pentanone

Concen: 0.018 ppbv

RT: 5.794 min Scan# 1763

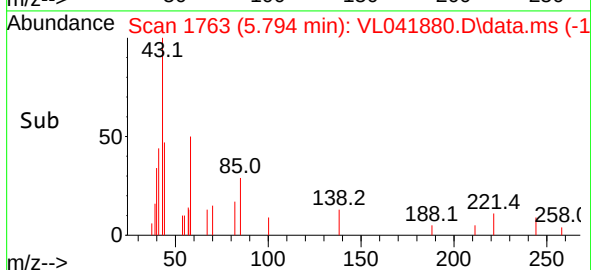
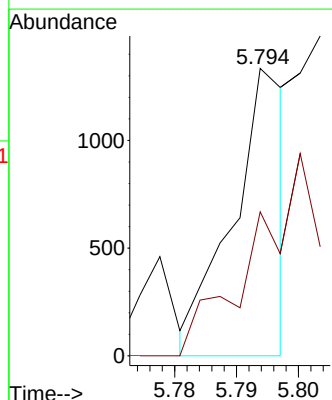
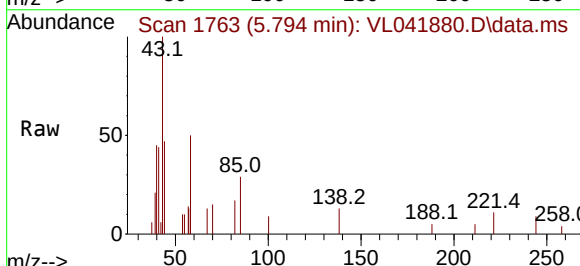
Delta R.T. -0.003 min

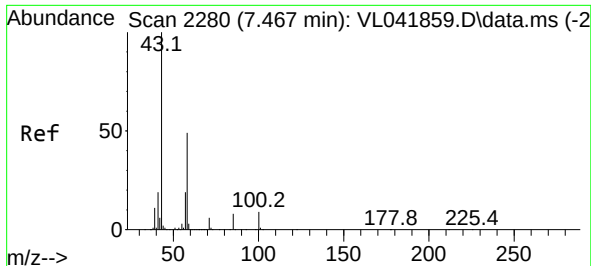
Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Tgt Ion: 43 Resp: 790

Ion	Ratio	Lower	Upper
43	100		
58	215.3	29.4	44.2#

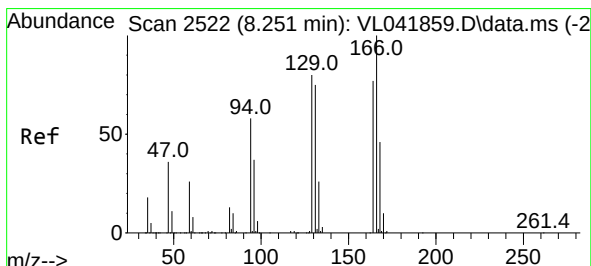
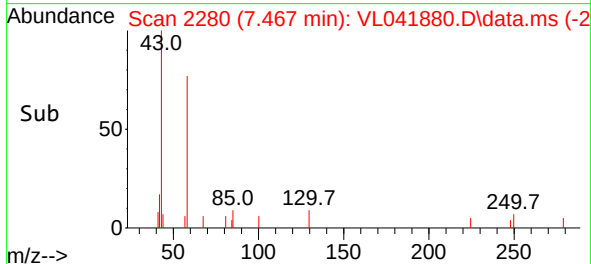
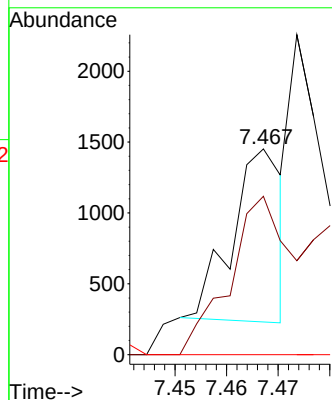
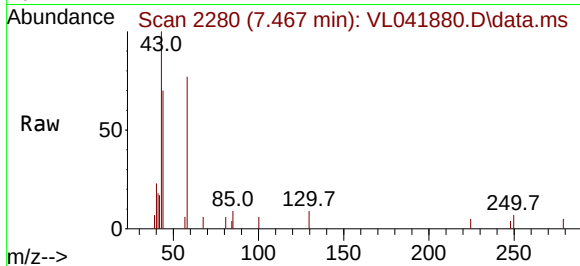




#51
2-Hexanone
Concen: 0.023 ppbv
RT: 7.467 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

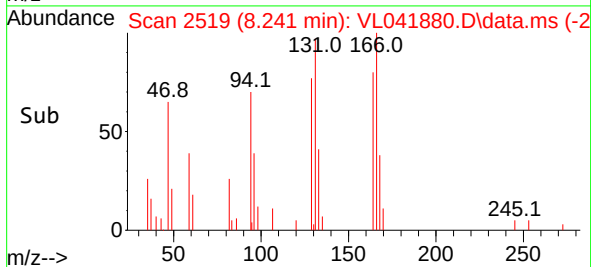
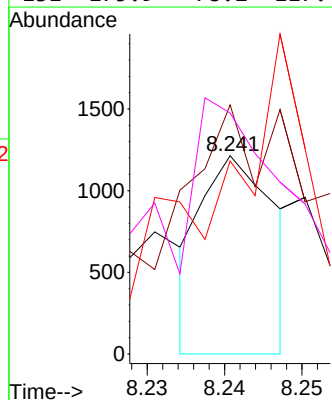
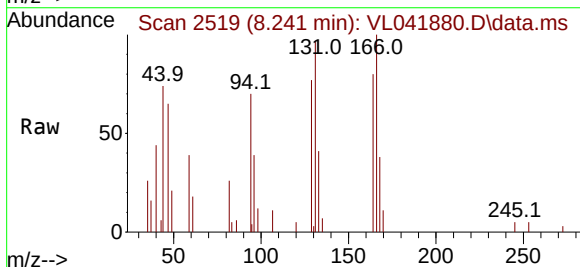
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

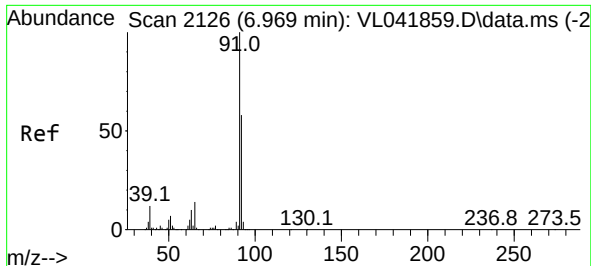
Tgt Ion: 43 Resp: 825
Ion Ratio Lower Upper
43 100
58 239.3 40.0 60.0#
98 1.6 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.050 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 164 Resp: 798
Ion Ratio Lower Upper
164 100
166 93.6 103.6 155.4#
129 44.8 82.6 123.8#
131 175.9 78.2 117.4#

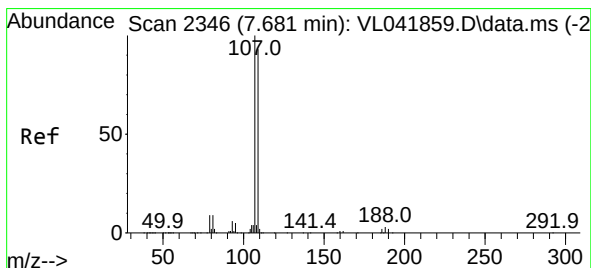
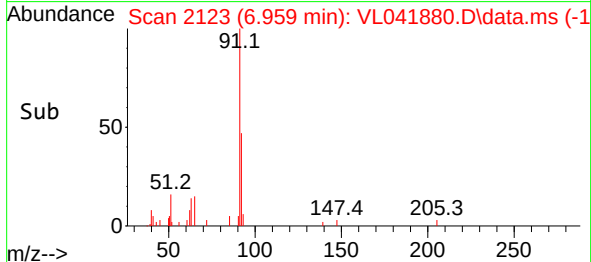
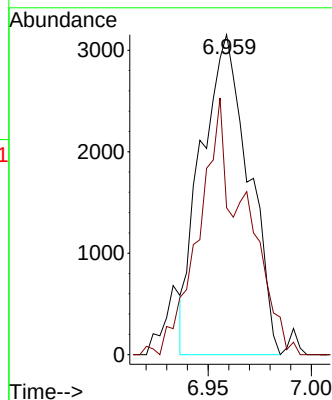
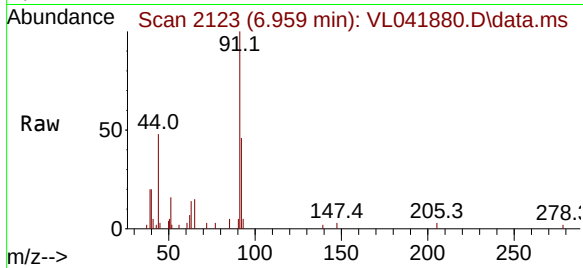




#53
Toluene
Concen: 0.102 ppbv
RT: 6.959 min Scan# 2126
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

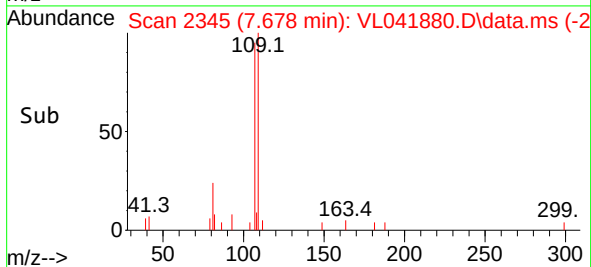
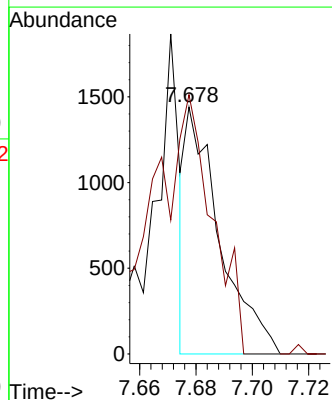
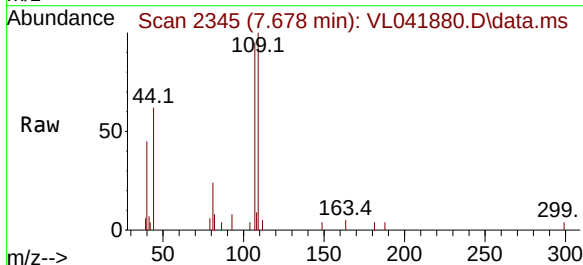
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

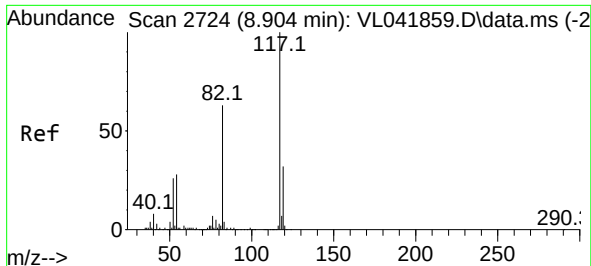
Tgt Ion: 91 Resp: 5059
Ion Ratio Lower Upper
91 100
92 77.9 47.2 70.8#



#54
1,2-Dibromoethane
Concen: 0.057 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 107 Resp: 1218
Ion Ratio Lower Upper
107 100
109 105.0 74.6 112.0

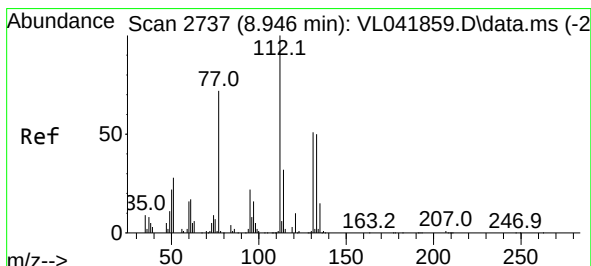
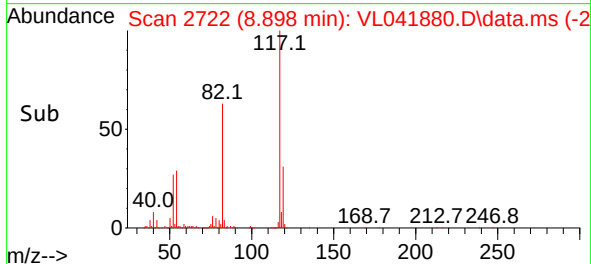
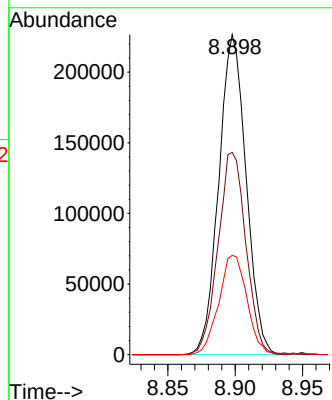
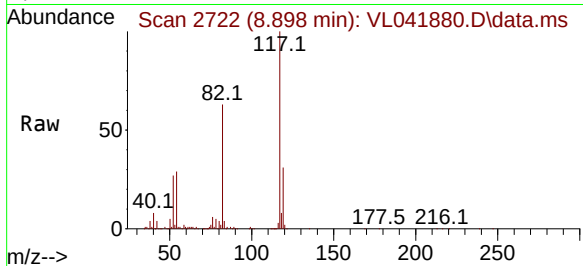




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

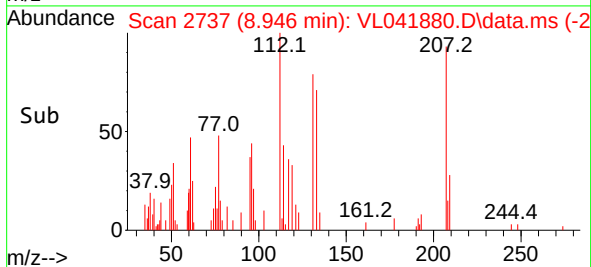
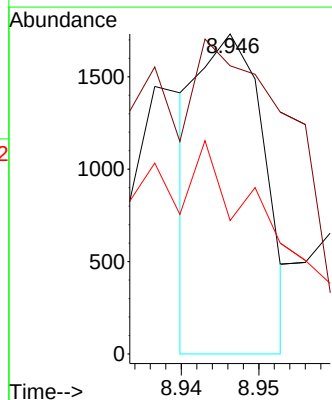
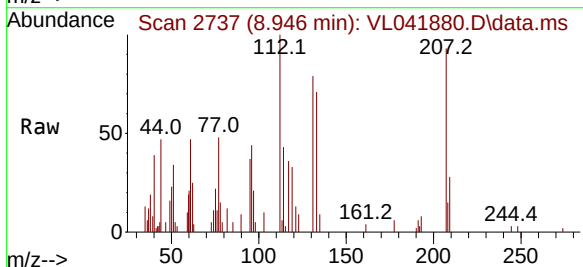
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

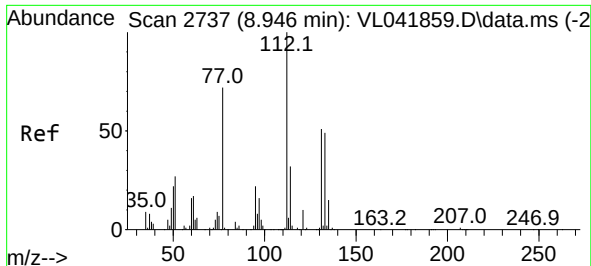
Tgt Ion:117 Resp: 319960
Ion Ratio Lower Upper
117 100
82 64.4 54.5 81.7
119 32.4 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.053 ppbv
RT: 8.946 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion:131 Resp: 1020
Ion Ratio Lower Upper
131 100
133 292.4 77.4 116.2#
119 0.0 49.4 74.0#

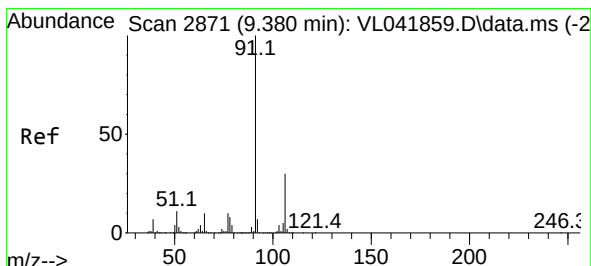
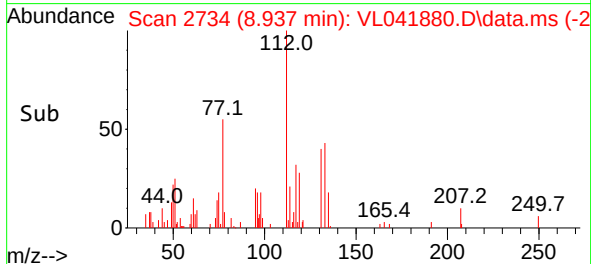
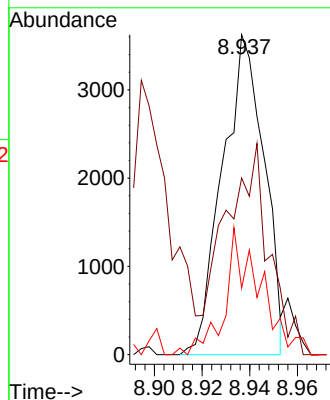
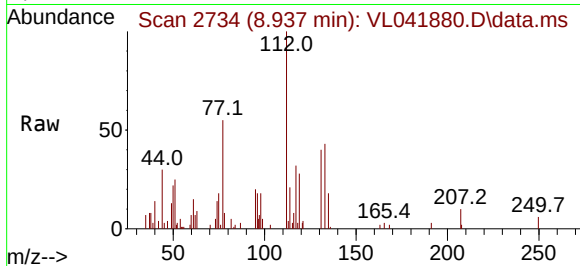




#57
Chlorobenzene
Concen: 0.123 ppbv
RT: 8.937 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

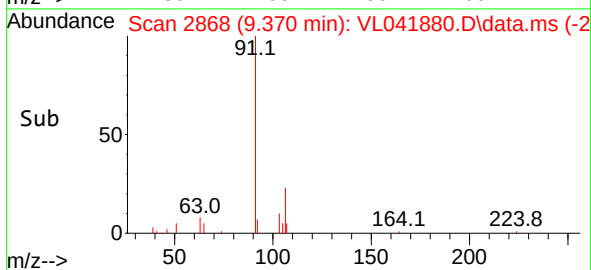
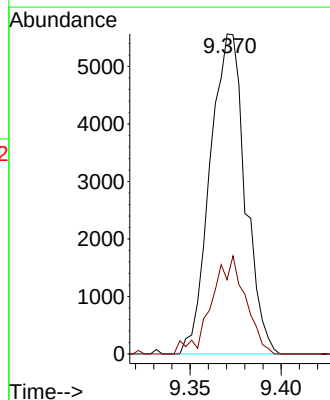
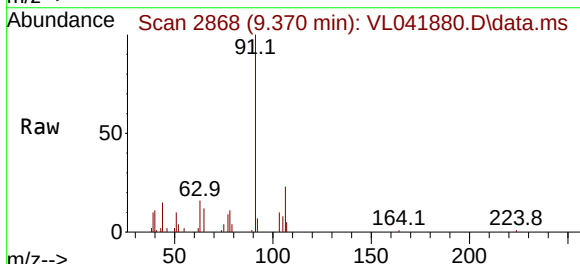
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

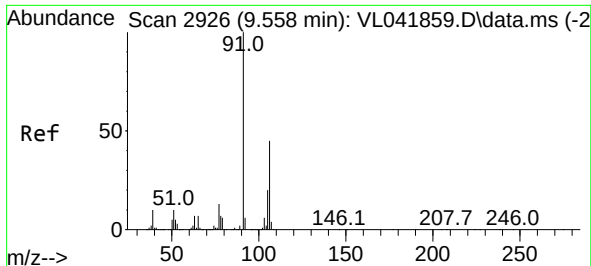
Tgt Ion:112 Resp: 4400
Ion Ratio Lower Upper
112 100
77 29.4 58.3 87.5#
114 18.8 28.9 35.3#



#58
Ethyl Benzene
Concen: 0.114 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 91 Resp: 7478
Ion Ratio Lower Upper
91 100
106 23.2 24.2 36.2#





#59

m/p-Xylene

Concen: 0.116 ppbv

RT: 9.545 min Scan# 2926

Delta R.T. -0.013 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

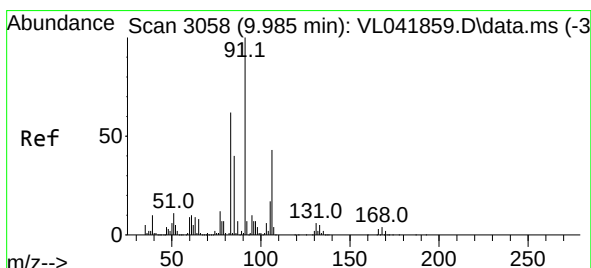
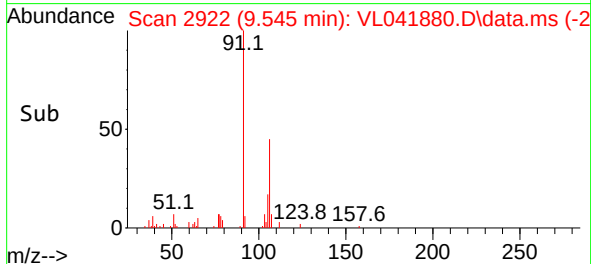
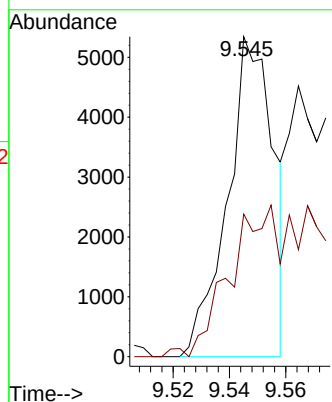
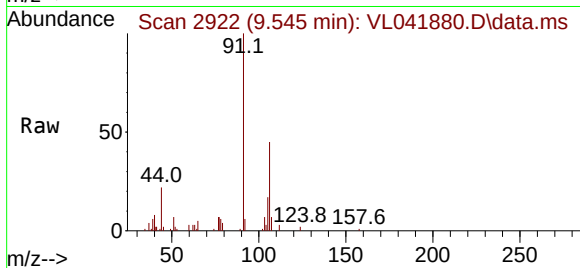
MDL 0.1

Tgt Ion: 91 Resp: 6016

Ion Ratio Lower Upper

91 100

106 97.7 0.0 0.0#



#60

o-Xylene

Concen: 0.109 ppbv

RT: 9.982 min Scan# 3057

Delta R.T. -0.003 min

Lab File: VL041880.D

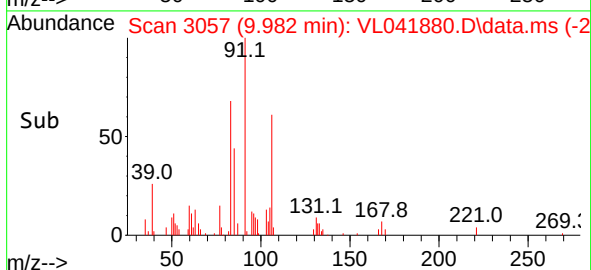
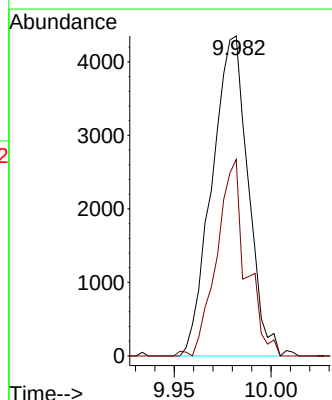
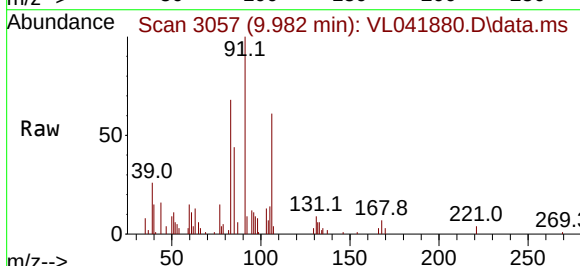
Acq: 09 Jan 2025 22:47

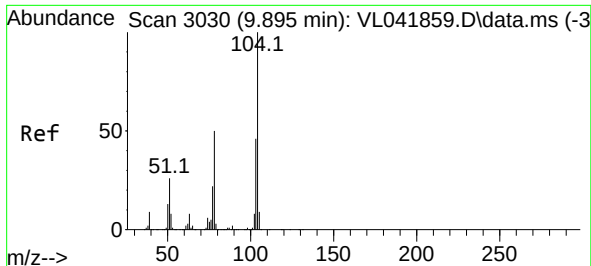
Tgt Ion: 91 Resp: 5641

Ion Ratio Lower Upper

91 100

106 50.1 21.4 64.3





#61

Styrene

Concen: 0.066 ppbv

RT: 9.888 min Scan# 3030

Delta R.T. -0.007 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

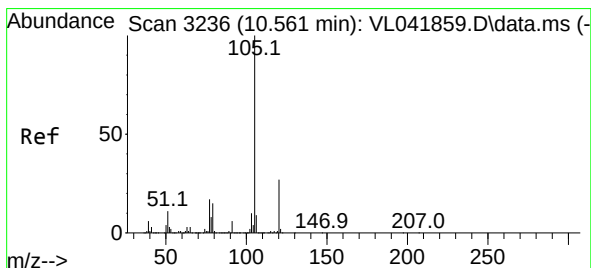
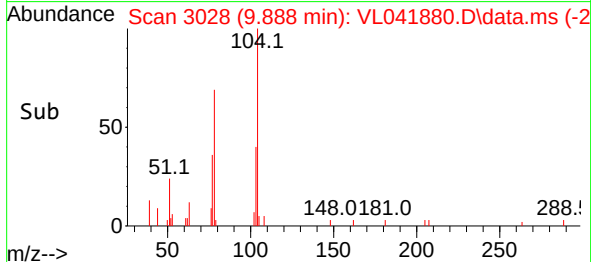
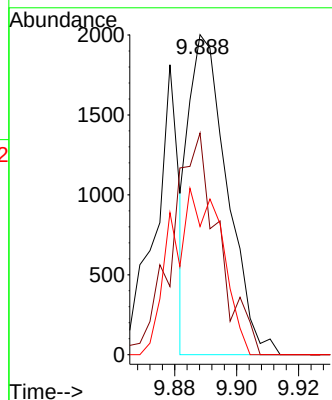
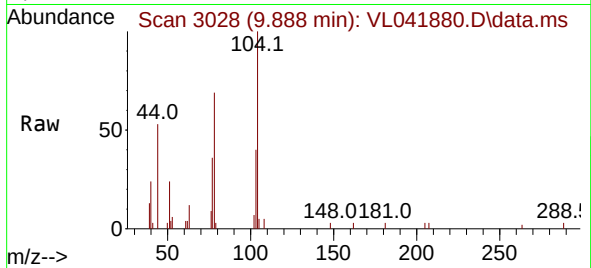
Tgt Ion:104 Resp: 1719

Ion Ratio Lower Upper

104 100

78 85.7 40.7 61.1#

103 68.6 37.0 55.6#



#62

Isopropylbenzene

Concen: 0.074 ppbv

RT: 10.552 min Scan# 3233

Delta R.T. -0.010 min

Lab File: VL041880.D

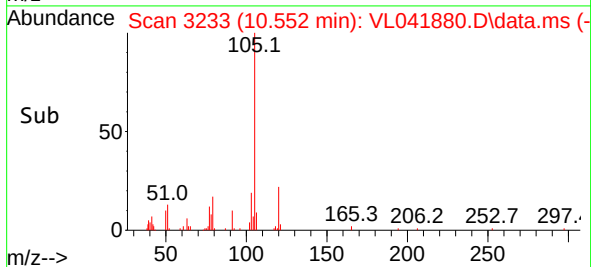
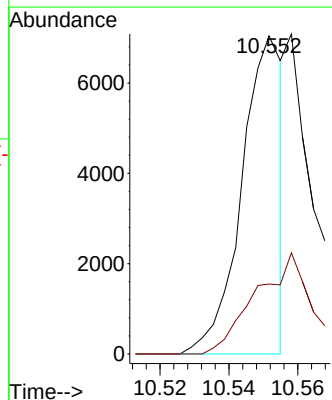
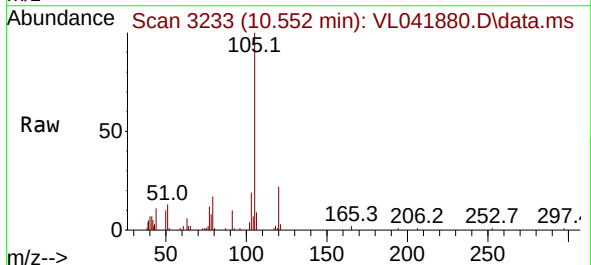
Acq: 09 Jan 2025 22:47

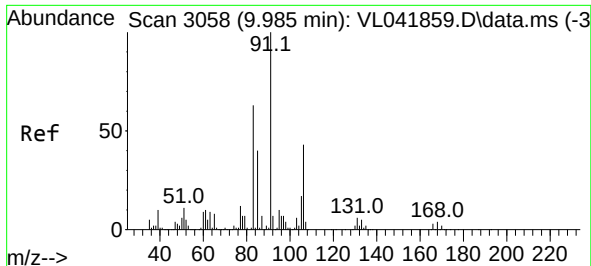
Tgt Ion:105 Resp: 5782

Ion Ratio Lower Upper

105 100

120 0.0 20.3 30.5#

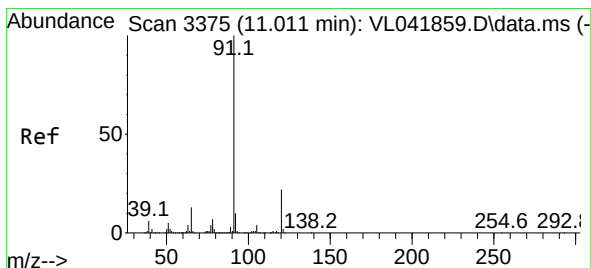
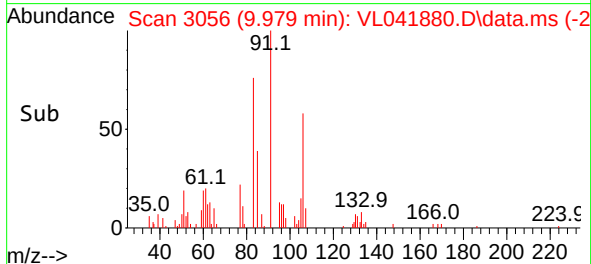
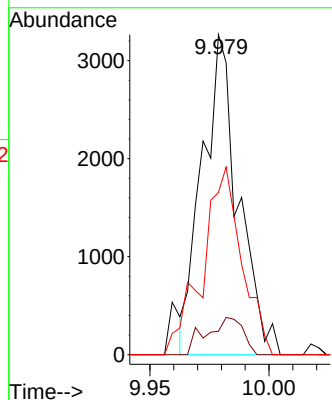
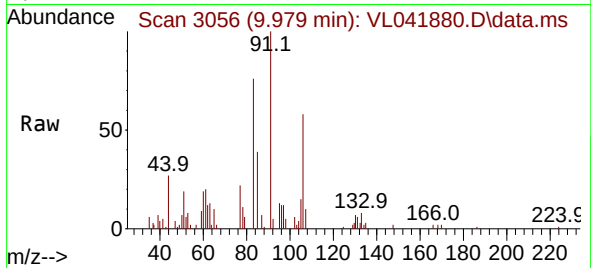




#63
1,1,2,2-Tetrachloroethane
Concen: 0.111 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

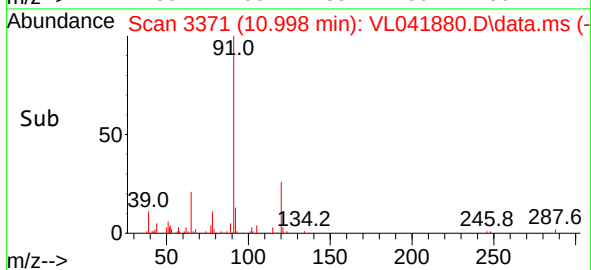
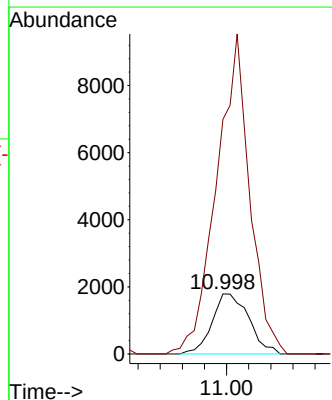
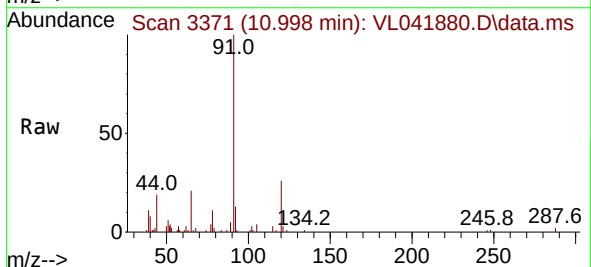
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

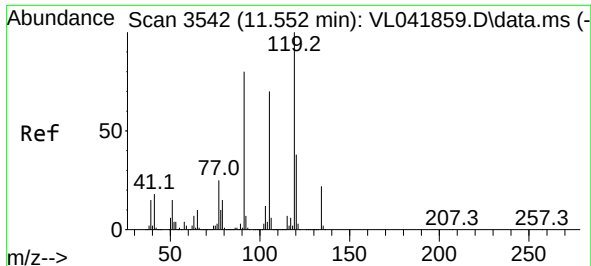
Tgt Ion: 83 Resp: 3452
Ion Ratio Lower Upper
83 100
131 11.6 4.8 14.3
85 63.6 32.1 96.3



#64
n-propylbenzene
Concen: 0.101 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. -0.013 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 120 Resp: 2060
Ion Ratio Lower Upper
120 100
91 480.0 376.9 565.3

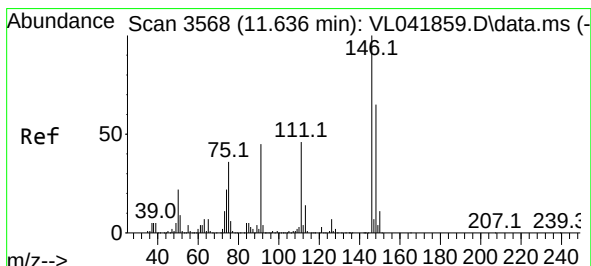
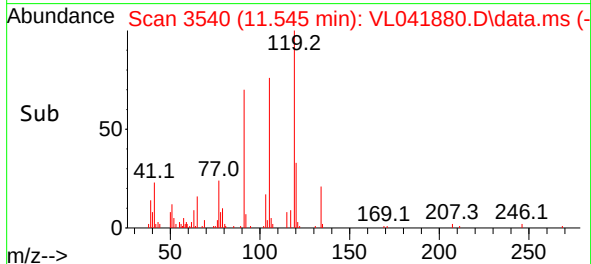
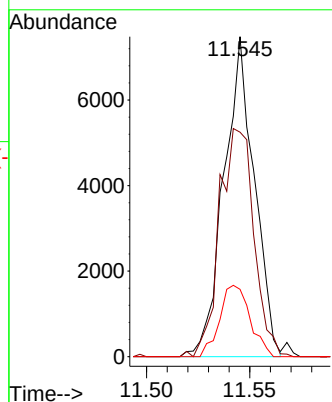
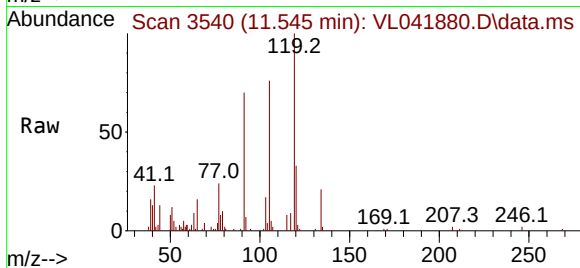




#65
tert-Butylbenzene
Concen: 0.109 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

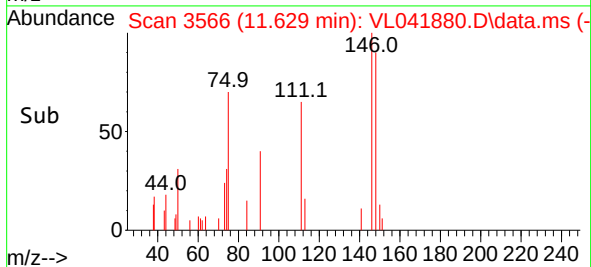
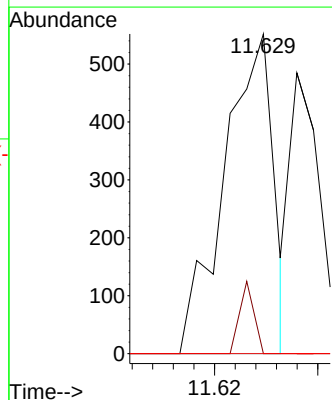
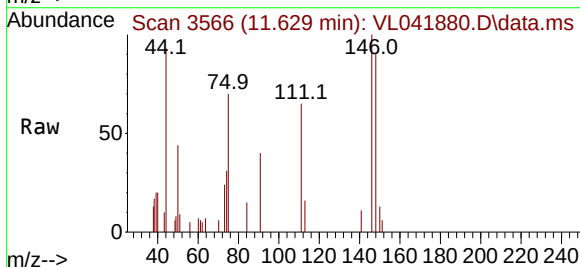
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

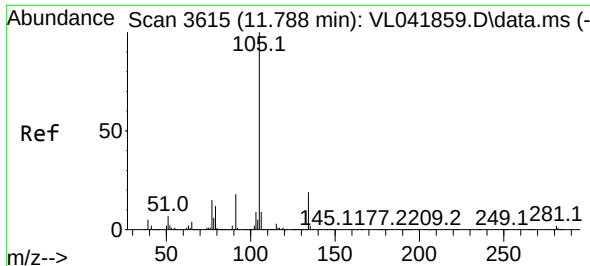
Tgt Ion:119 Resp: 7674
Ion Ratio Lower Upper
119 100
91 80.4 64.6 97.0
134 22.3 16.9 25.3



#66
Benzyl Chloride
Concen: 0.050 ppbv
RT: 11.629 min Scan# 3566
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 91 Resp: 367
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#

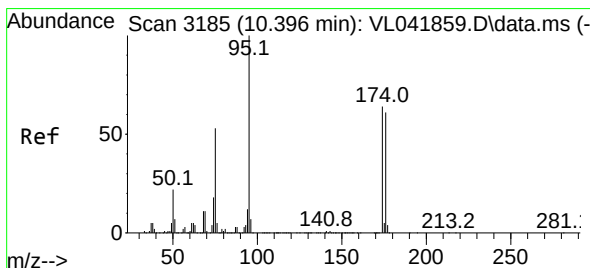
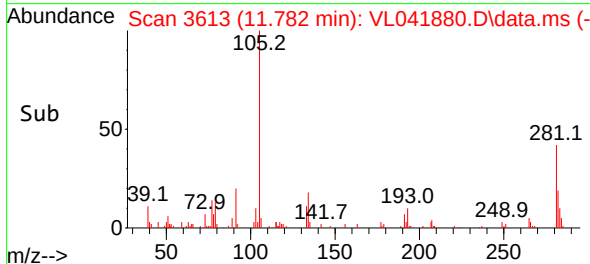
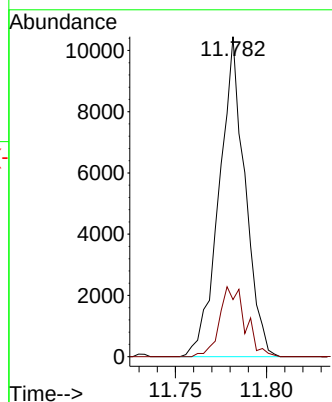
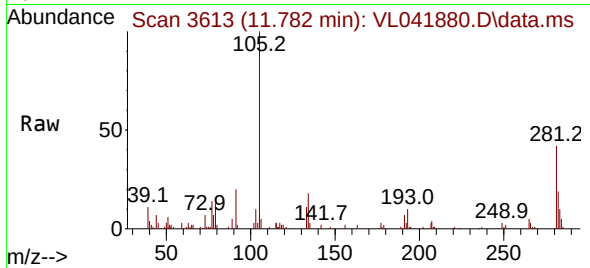




#67
 sec-Butylbenzene
 Concen: 0.106 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. -0.007 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

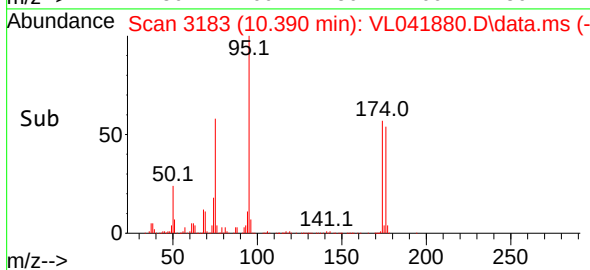
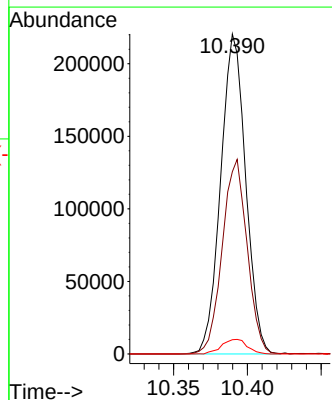
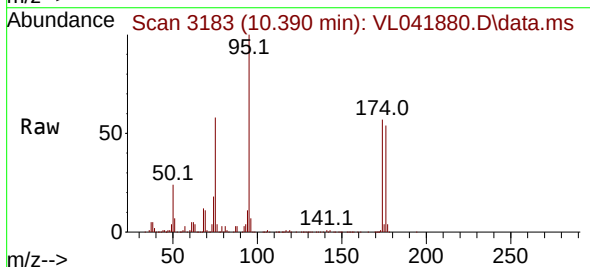
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1

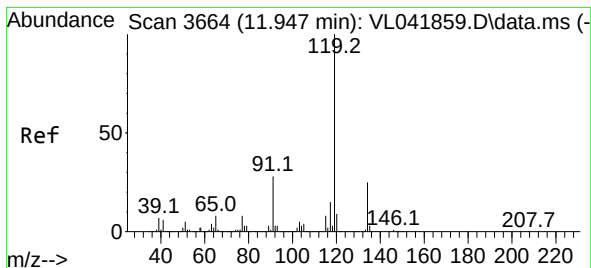
Tgt Ion:105 Resp: 10310
 Ion Ratio Lower Upper
 105 100
 134 21.7 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.127 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.007 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

Tgt Ion: 95 Resp: 259818
 Ion Ratio Lower Upper
 95 100
 174 60.8 51.1 76.7
 175 4.7 3.8 5.8

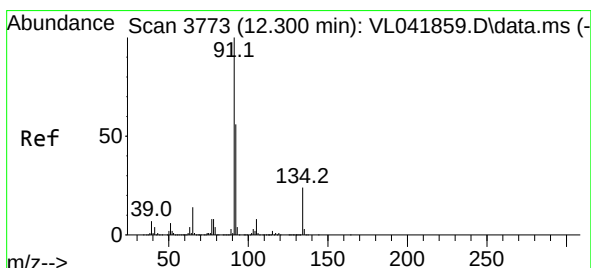
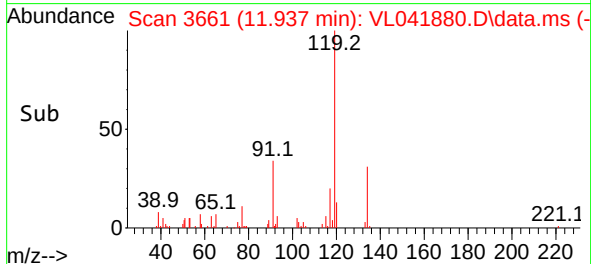
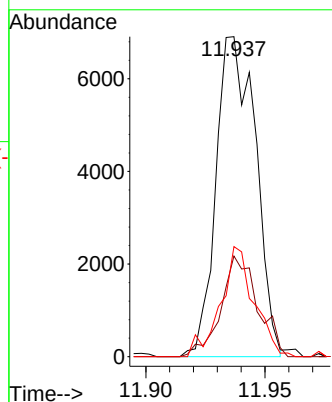
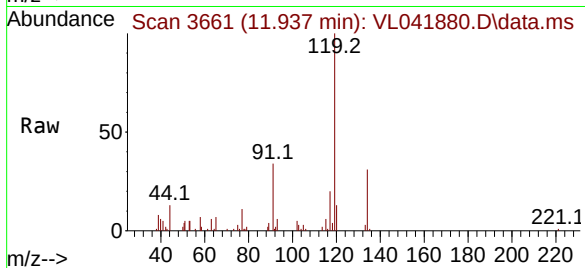




#69
p-Isopropyltoluene
Concen: 0.096 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

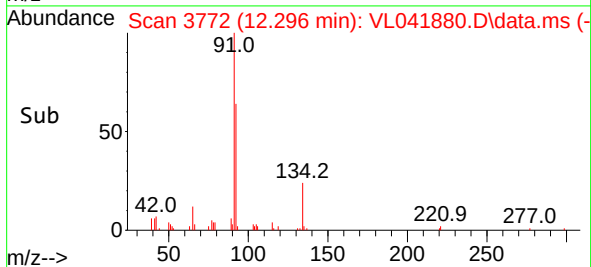
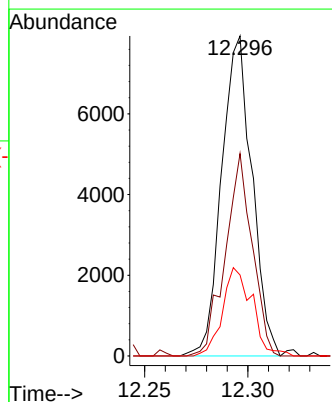
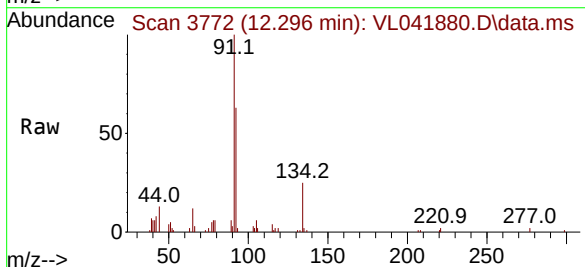
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

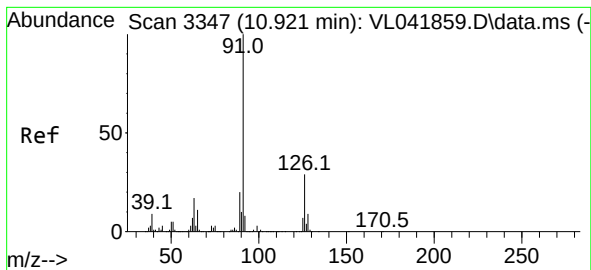
Tgt Ion: 119 Resp: 7957
Ion Ratio Lower Upper
119 100
134 29.5 20.3 30.5
91 29.4 22.6 34.0



#70
n-Butylbenzene
Concen: 0.097 ppbv
RT: 12.296 min Scan# 3772
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 91 Resp: 8093
Ion Ratio Lower Upper
91 100
92 57.4 43.8 65.8
134 26.9 19.3 28.9

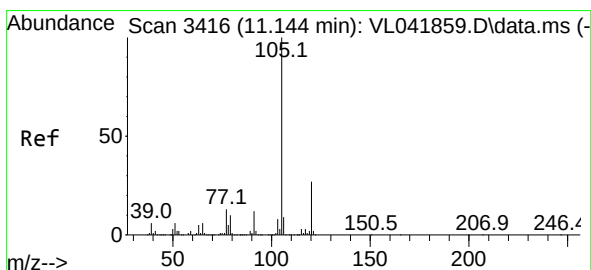
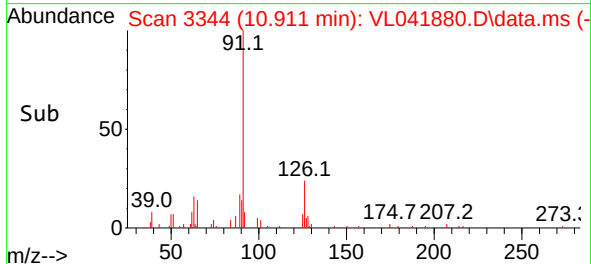
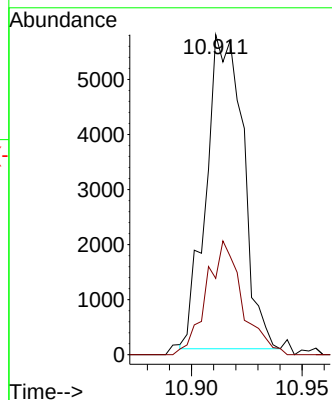
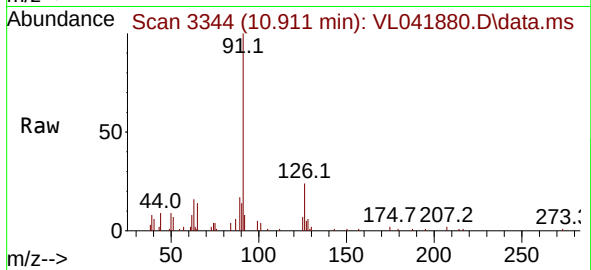




#71
2-Chlorotoluene
Concen: 0.110 ppbv
RT: 10.911 min Scan# 311
Delta R.T. -0.010 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

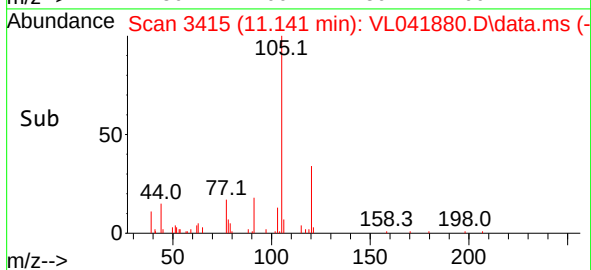
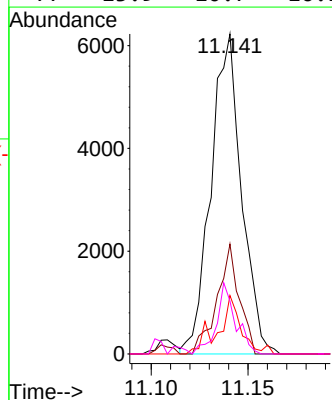
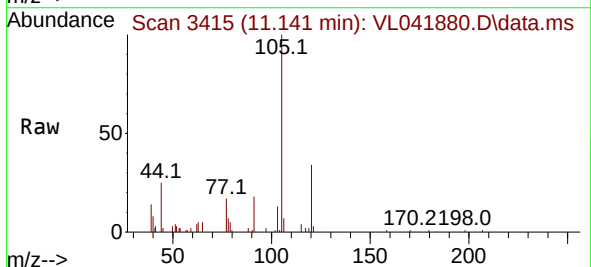
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

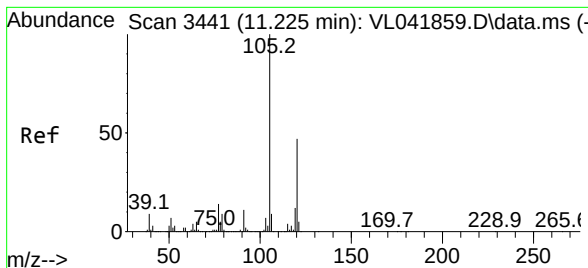
Tgt Ion: 91 Resp: 6648
Ion Ratio Lower Upper
91 100
126 35.0 11.6 46.6



#72
4-Ethyltoluene
Concen: 0.108 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

Tgt Ion: 105 Resp: 6838
Ion Ratio Lower Upper
105 100
120 26.7 23.5 35.3
91 13.7 9.8 14.8
77 13.9 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.109 ppbv

RT: 11.215 min Scan# 3441

Delta R.T. -0.010 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_L

ClientSampleId :

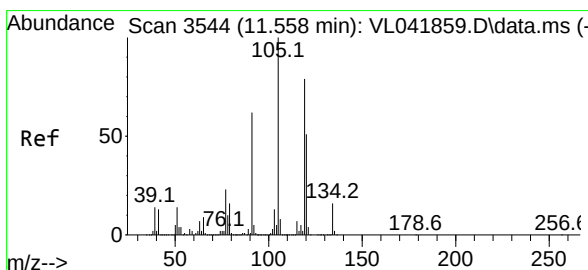
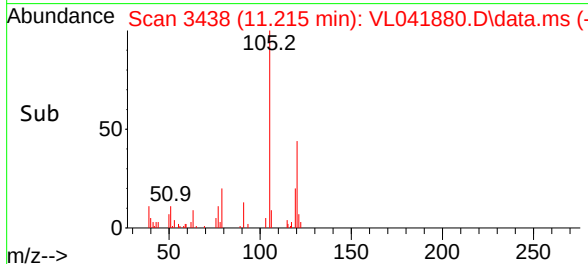
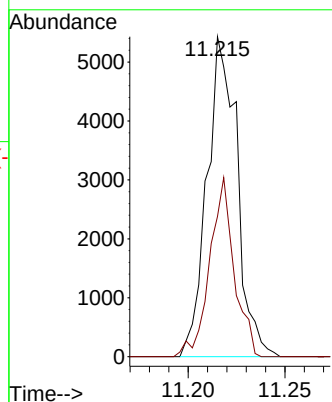
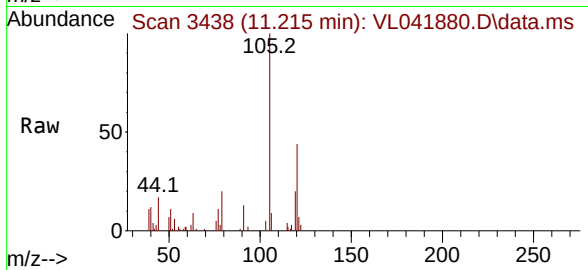
MDL 0.1

Tgt Ion:105 Resp: 5879

Ion Ratio Lower Upper

105 100

120 43.8 37.2 55.8



#74

1,2,4-Trimethylbenzene

Concen: 0.123 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. -0.007 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Tgt Ion:105 Resp: 7191

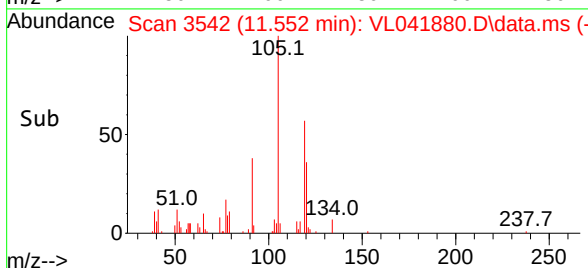
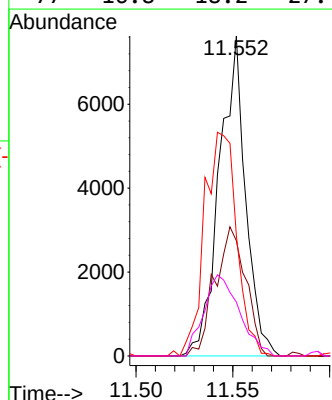
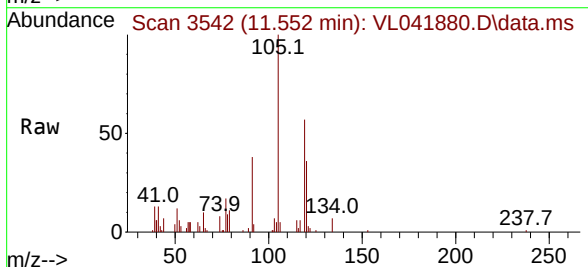
Ion Ratio Lower Upper

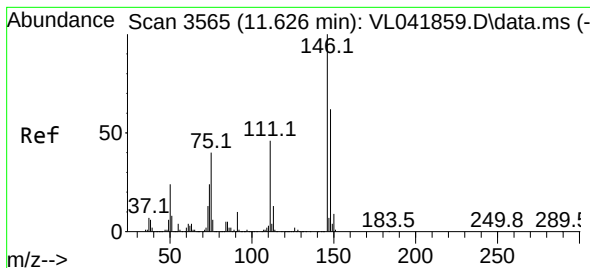
105 100

120 36.0 41.1 61.7#

91 37.7 50.0 75.0#

77 16.8 18.2 27.4#





#75

1,3-Dichlorobenzene

Concen: 0.126 ppbv

RT: 11.620 min Scan# 3565

Delta R.T. -0.007 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Instrument :

MSVOA_1

ClientSampleId :

MDL 0.1

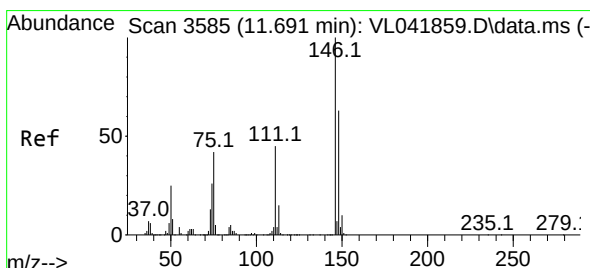
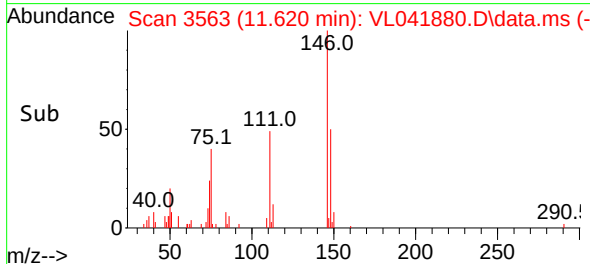
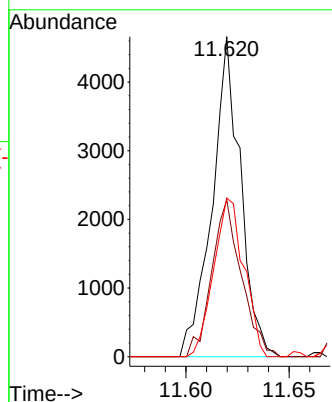
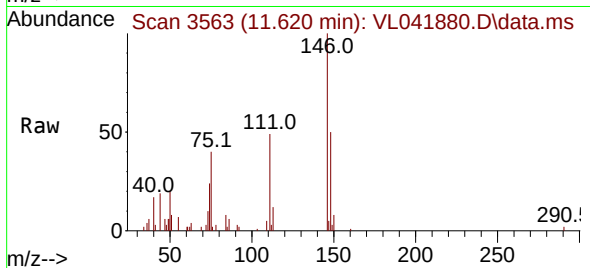
Tgt Ion:146 Resp: 4446

Ion Ratio Lower Upper

146 100

111 51.2 23.2 69.5

148 53.5 31.6 94.7



#76

1,4-Dichlorobenzene

Concen: 0.120 ppbv

RT: 11.688 min Scan# 3584

Delta R.T. -0.003 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

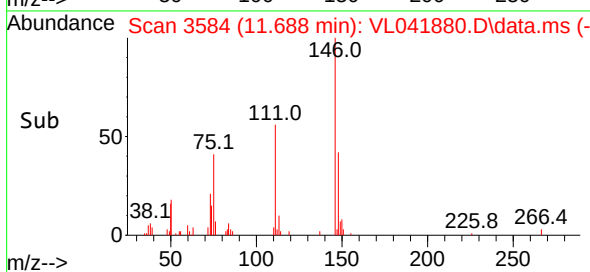
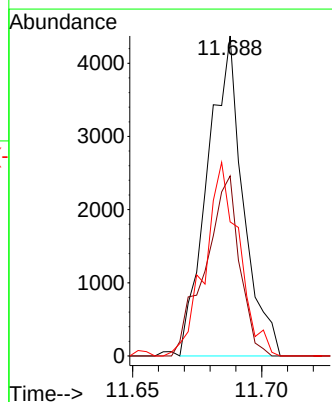
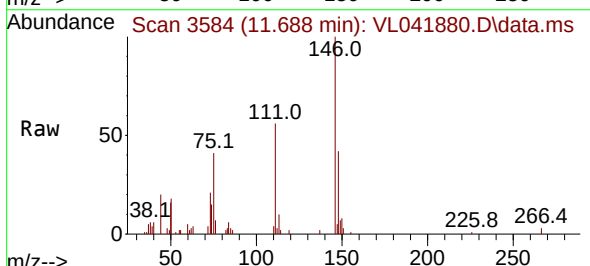
Tgt Ion:146 Resp: 4182

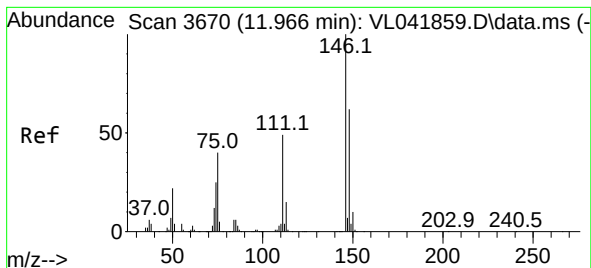
Ion Ratio Lower Upper

146 100

111 54.2 22.1 66.1

148 58.0 31.2 93.6





#77

1,2-Dichlorobenzene

Concen: 0.126 ppbv

RT: 11.963 min Scan# 3

Delta R.T. -0.003 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

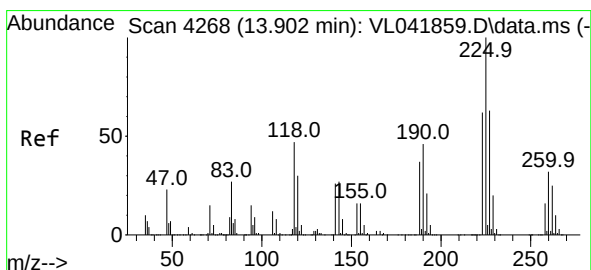
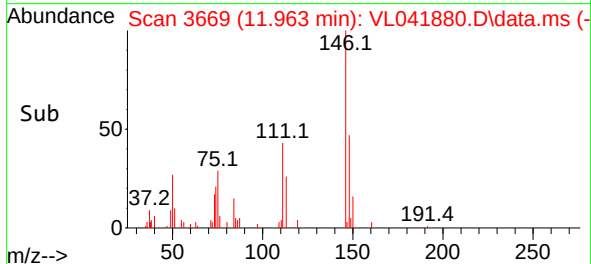
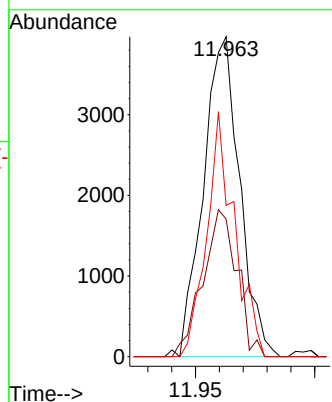
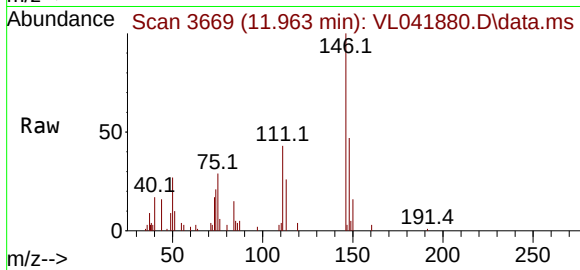
Instrument :

MSVOA_L

ClientSampleId :

MDL 0.1

Tgt Ion:	146	Resp:	4195
Ion	Ratio	Lower	Upper
146	100		
111	43.6	24.1	72.3
148	58.4	31.5	94.5



#78

Hexachloro-1,3-Butadiene

Concen: 0.131 ppbv

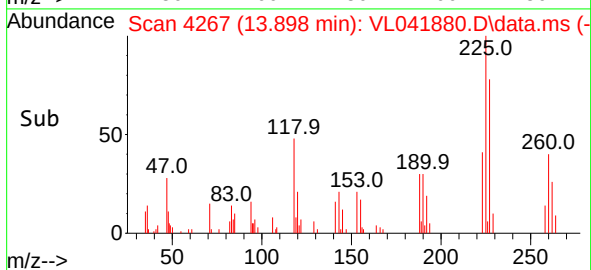
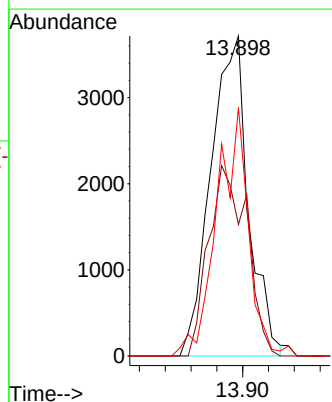
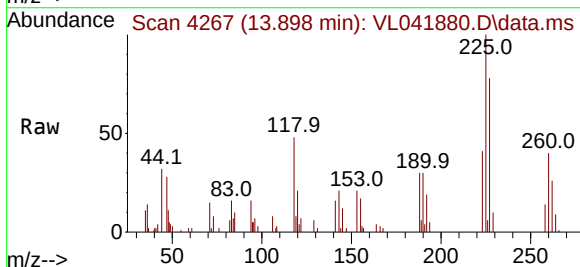
RT: 13.898 min Scan# 4267

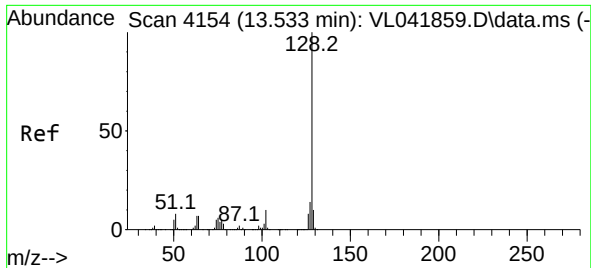
Delta R.T. -0.003 min

Lab File: VL041880.D

Acq: 09 Jan 2025 22:47

Tgt Ion:	225	Resp:	3752
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.6	75.8
227	65.3	50.9	76.3

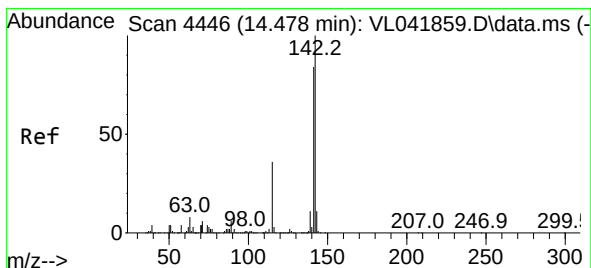
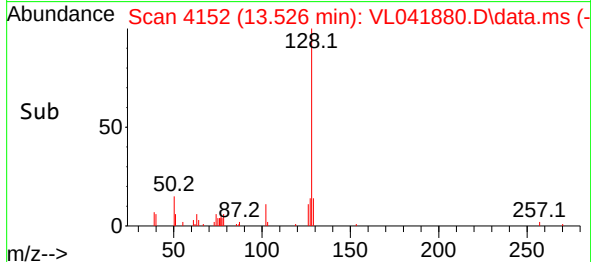
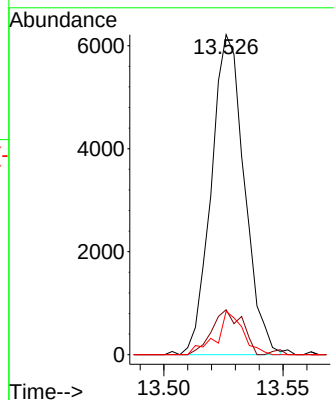
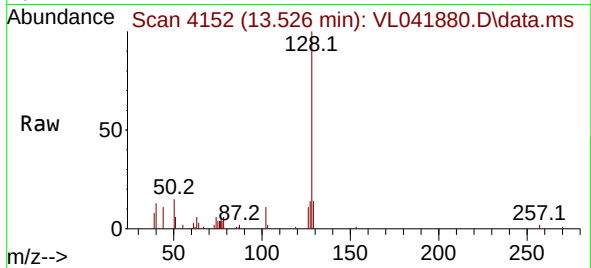




#79
Naphthalene
Concen: 0.095 ppbv
RT: 13.526 min Scan# 4154
Delta R.T. -0.007 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

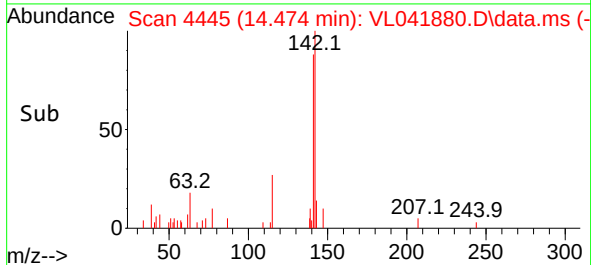
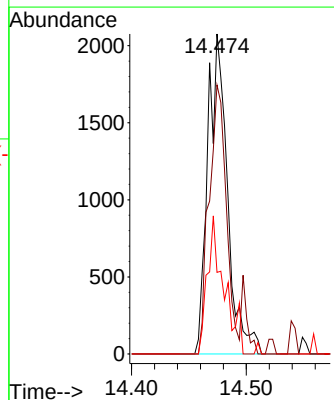
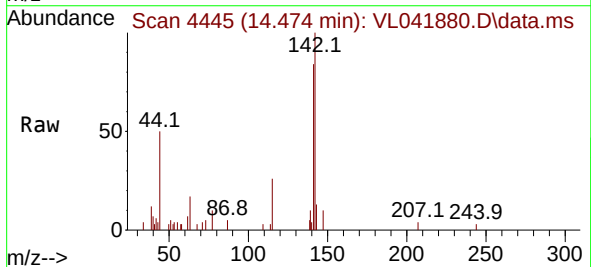
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.1

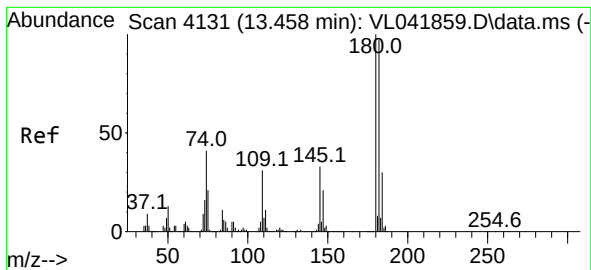
Tgt Ion:128 Resp: 5990
Ion Ratio Lower Upper
128 100
127 14.0 10.8 16.2
129 13.6 8.2 12.4#



#80
Naphthalene,2-methyl-
Concen: 0.073 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. -0.003 min
Lab File: VL041880.D
Acq: 09 Jan 2025 22:47

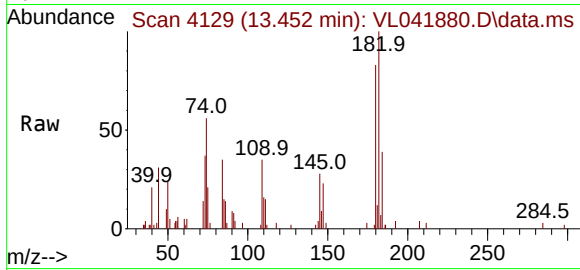
Tgt Ion:142 Resp: 2481
Ion Ratio Lower Upper
142 100
141 81.7 68.2 102.4
115 36.9 29.4 44.2





#81
 1,2,4-Trichlorobenzene
 Concen: 0.097 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL041880.D
 Acq: 09 Jan 2025 22:47

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.1



Tgt Ion:180 Resp: 2919
 Ion Ratio Lower Upper
 180 100
 182 113.8 75.8 113.8#
 184 42.7 24.1 36.1#

