

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041878.D
 Acq On : 09 Jan 2025 21:46
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

Quant Time: Jan 10 01:50:44 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	124320	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	373355	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	329798	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	263593	9.968	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	10409	0.510	ppbv	100
3) Chlorodifluoromethane	1.483	51	10478	0.467	ppbv	95
4) Chloromethane	1.538	50	4067	0.513	ppbv #	67
5) Vinyl Chloride	1.586	62	3551	0.421	ppbv #	78
6) Bromomethane	1.677	94	2075	0.522	ppbv #	57
7) Chloroethane	1.712	64	1919	0.587	ppbv #	86
8) Dichlorotetrafluoroethane	1.560	85	9198	0.518	ppbv	94
9) Propene	1.489	41	4781	0.457	ppbv #	83
10) Heptane	5.014	43	3142	0.114	ppbv #	27
11) Trichlorofluoromethane	1.887	101	10898	0.520	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.153	101	9156	0.540	ppbv	99
13) Ethanol	1.729	45	1587	2.389	ppbv	83
14) Bromoethene	1.787	108	3191	0.525	ppbv #	92
15) Acetone	1.845	43	13045	0.622	ppbv	98
16) 1,3-Butadiene	1.615	39	4840	0.537	ppbv	99
17) tert-Butyl alcohol	2.052	59	10740	0.451	ppbv #	83
18) 1,1-Dichloroethene	2.043	96	4061	0.529	ppbv	93
19) Isopropyl Alcohol	1.897	45	6579	0.597	ppbv #	85
20) Methylene Chloride	2.072	84	4351	0.608	ppbv #	81
21) Allyl Chloride	2.107	41	6897	0.514	ppbv	97
22) trans-1,2-Dichloroethene	2.735	96	6720	0.756	ppbv	90
23) Vinyl Acetate	2.473	43	4233	0.398	ppbv #	94
24) 1,1-Dichloroethane	2.418	63	8636	0.513	ppbv #	92
25) Ethyl Acetate	2.855	43	23509	0.451	ppbv #	95
26) Hexane	2.839	57	10116	0.472	ppbv	91
27) Carbon Disulfide	2.159	76	9292	0.453	ppbv #	1
28) Methyl tert-Butyl Ether	2.457	73	7694	0.470	ppbv #	90
29) Chloroform	2.858	83	15090	0.503	ppbv	84
30) Cyclohexane	3.875	84	8682	0.472	ppbv	96
31) cis-1,2-Dichloroethene	2.735	61	9485	0.453	ppbv	98
32) 1,1,1-Trichloroethane	3.386	97	13475	0.452	ppbv	97
34) 2-Butanone	2.573	43	14173	0.457	ppbv	100
35) Carbon Tetrachloride	3.784	117	12221	0.421	ppbv	99
36) Benzene	3.680	78	19856	0.458	ppbv	93
37) 1,2-Dichloroethane	3.237	62	12249	0.539	ppbv #	95
38) Trichloroethene	4.567	130	6662	0.390	ppbv #	72
39) 1,2-Dichloropropane	4.337	63	6128	0.398	ppbv	97
40) 1,4-Dioxane	4.629	88	2848	0.368	ppbv #	1
41) Tetrahydrofuran	3.065	42	87	0.005	ppbv #	37
42) Bromodichloromethane	4.512	83	13602	0.436	ppbv	92
43) Methyl Methacrylate	4.901	69	2273	0.128	ppbv #	1
44) 2,2,4-Trimethylpentane	4.664	57	33556	0.459	ppbv	95
45) t-1,3-Dichloropropene	6.444	75	2615	0.144	ppbv	96

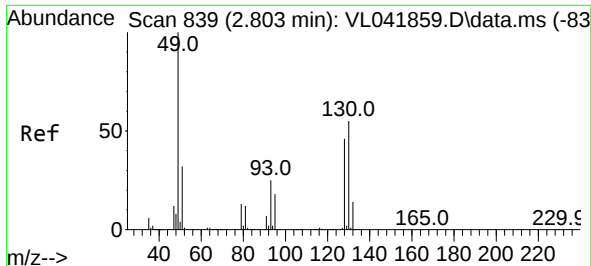
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041878.D
 Acq On : 09 Jan 2025 21:46
 Operator : SY/MD
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 MDL 0.4

Quant Time: Jan 10 01:50:44 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)
46) cis-1,3-Dichloropropene	5.632	75	3557	0.153	ppbv #	79
47) 1,1,2-Trichloroethane	6.613	97	5139	0.317	ppbv #	69
48) Dibromochloromethane	7.409	129	5465	0.222	ppbv #	23
49) Bromoform	9.500	173	7434	0.347	ppbv	98
50) 4-Methyl-2-Pentanone	5.800	43	17508	0.395	ppbv	94
51) 2-Hexanone	7.464	43	6309	0.173	ppbv #	28
52) Tetrachloroethene	8.241	164	4676	0.282	ppbv	90
53) Toluene	6.959	91	22124	0.429	ppbv	95
54) 1,2-Dibromoethane	7.674	107	9847	0.447	ppbv	91
56) 1,1,1,2-Tetrachloroethane	8.943	131	9018	0.459	ppbv #	1
57) Chlorobenzene	8.940	112	17769	0.483	ppbv	95
58) Ethyl Benzene	9.374	91	29529	0.435	ppbv	97
59) m/p-Xylene	9.555	91	9495	0.177	ppbv #	100
60) o-Xylene	9.979	91	24191	0.453	ppbv	97
61) Styrene	9.885	104	10684	0.400	ppbv	97
62) Isopropylbenzene	10.555	105	35856	0.446	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.982	83	14487	0.451	ppbv	99
64) n-propylbenzene	11.002	120	9714	0.463	ppbv	89
65) tert-Butylbenzene	11.545	119	33528	0.460	ppbv	99
66) Benzyl Chloride	11.626	91	2168	0.287	ppbv #	94
67) sec-Butylbenzene	11.782	105	45883	0.457	ppbv	100
69) p-Isopropyltoluene	11.940	119	37916	0.443	ppbv	100
70) n-Butylbenzene	12.296	91	37329	0.434	ppbv	99
71) 2-Chlorotoluene	10.914	91	28380	0.456	ppbv	99
72) 4-Ethyltoluene	11.141	105	29119	0.444	ppbv #	97
73) 1,3,5-Trimethylbenzene	11.215	105	24361	0.438	ppbv	92
74) 1,2,4-Trimethylbenzene	11.549	105	26021	0.431	ppbv #	79
75) 1,3-Dichlorobenzene	11.620	146	16575	0.457	ppbv	93
76) 1,4-Dichlorobenzene	11.685	146	16999	0.474	ppbv	99
77) 1,2-Dichlorobenzene	11.963	146	17456	0.510	ppbv	98
78) Hexachloro-1,3-Butadiene	13.898	225	14849	0.504	ppbv	98
79) Naphthalene	13.526	128	26169	0.402	ppbv	99
80) Naphthalene,2-methyl-	14.475	142	12018	0.342	ppbv	98
81) 1,2,4-Trichlorobenzene	13.455	180	14529	0.469	ppbv	99

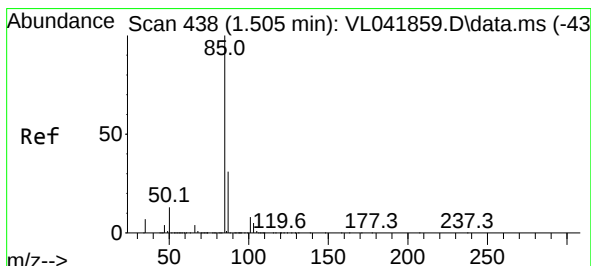
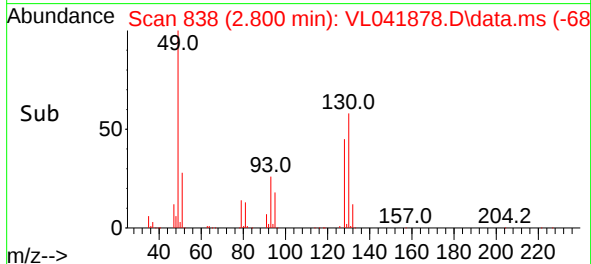
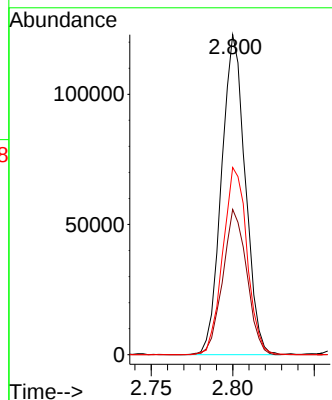
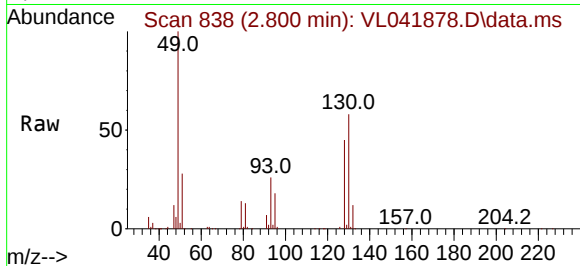
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

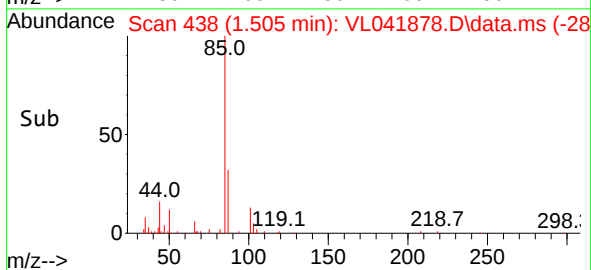
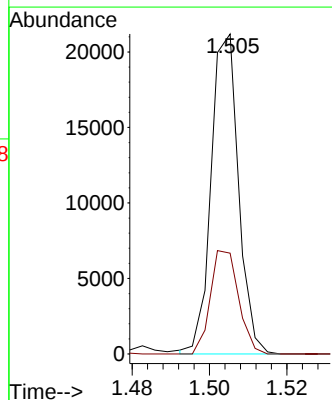
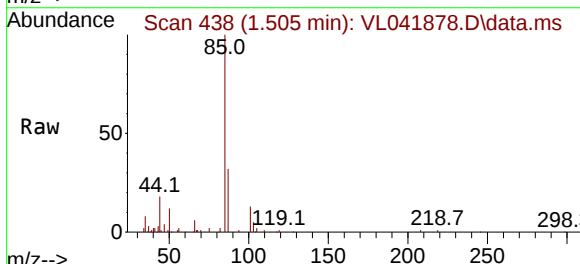
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MSVOA_L
ClientSampleId :
MDL 0.4

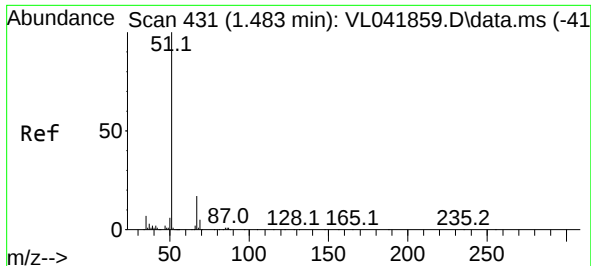
Tgt Ion: 49 Resp: 124320
Ion Ratio Lower Upper
49 100
128 46.0 23.2 69.5
130 59.6 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.510 ppbv
RT: 1.505 min Scan# 438
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 85 Resp: 10409
Ion Ratio Lower Upper
85 100
87 31.5 25.2 37.8

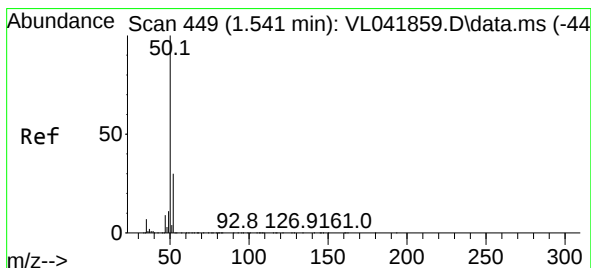
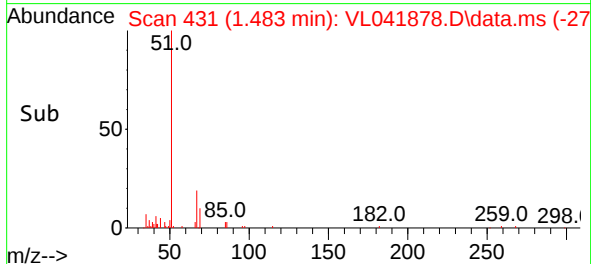
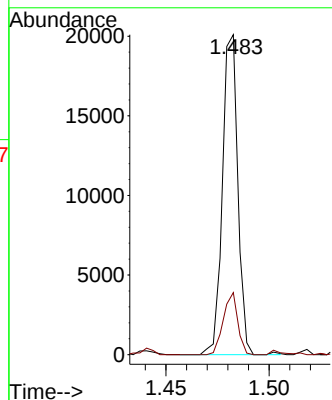
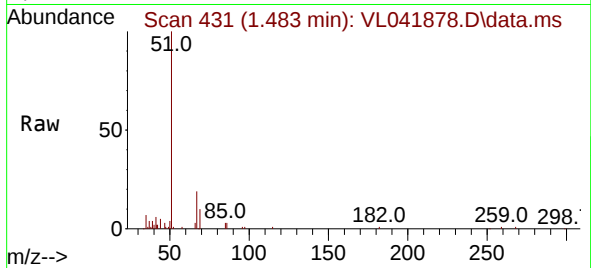




#3
Chlorodifluoromethane
Concen: 0.467 ppbv
RT: 1.483 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

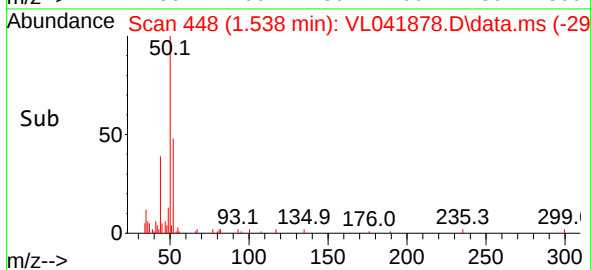
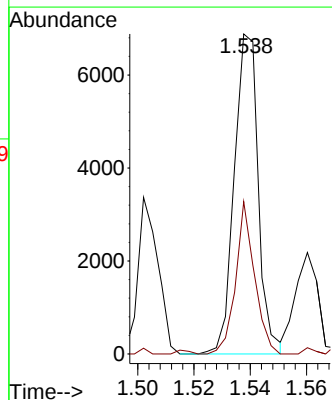
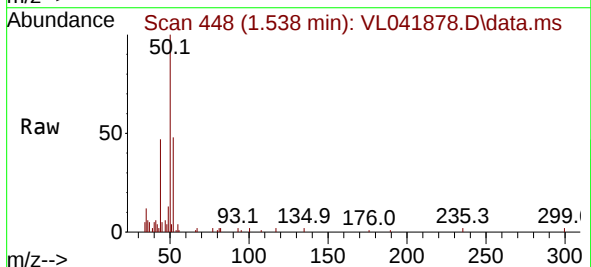
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MSVOA_L
ClientSampleId :
MDL 0.4

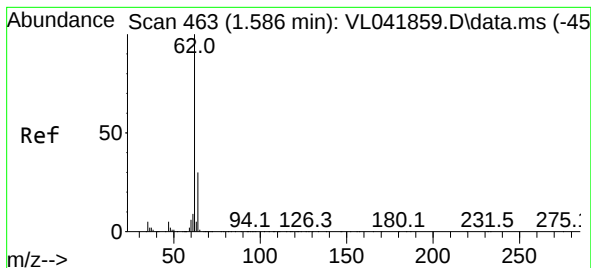
Tgt Ion: 51 Resp: 10478
Ion Ratio Lower Upper
51 100
67 19.4 13.8 20.8



#4
Chloromethane
Concen: 0.513 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 50 Resp: 4067
Ion Ratio Lower Upper
50 100
52 47.6 23.9 35.9#





#5

Vinyl Chloride

Concen: 0.421 ppbv

RT: 1.586 min Scan# 4

Delta R.T. -0.000 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

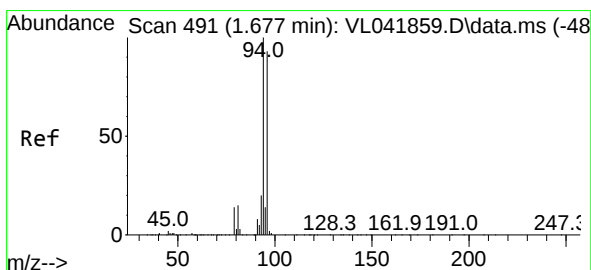
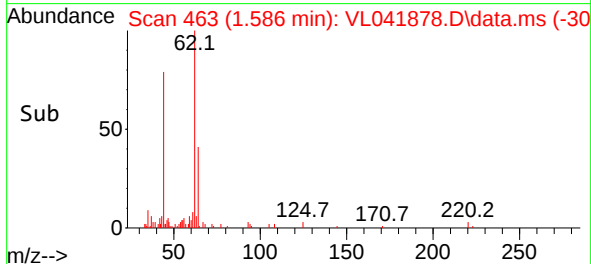
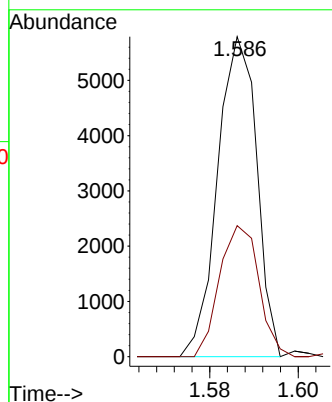
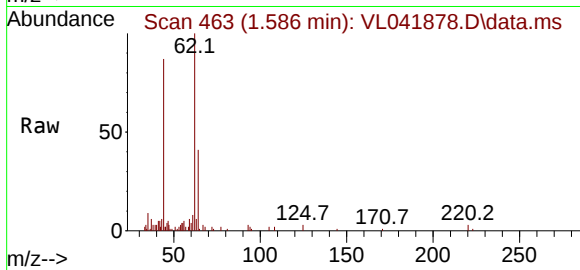
MDL 0.4

Tgt Ion: 62 Resp: 3551

Ion Ratio Lower Upper

62 100

64 41.9 24.1 36.1#



#6

Bromomethane

Concen: 0.522 ppbv

RT: 1.677 min Scan# 491

Delta R.T. -0.000 min

Lab File: VL041878.D

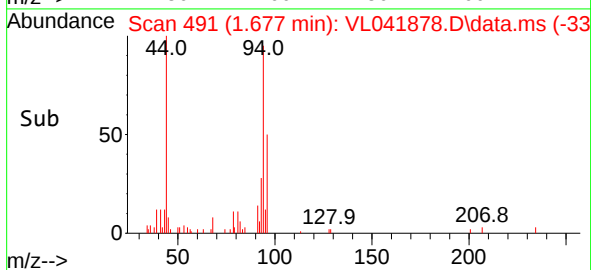
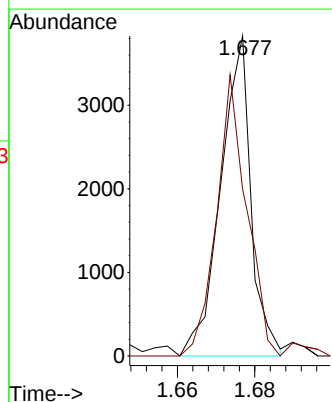
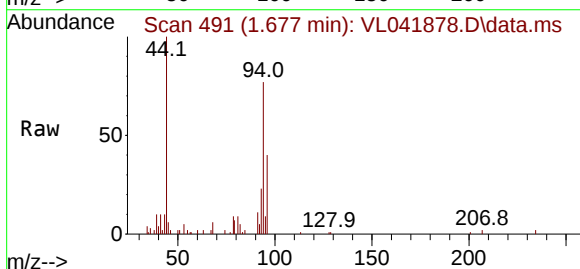
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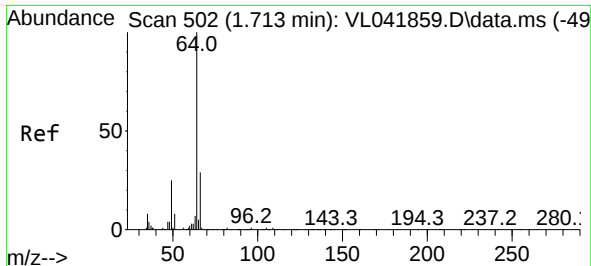
Tgt Ion: 94 Resp: 2075

Ion Ratio Lower Upper

94 100

96 52.2 74.8 112.2#

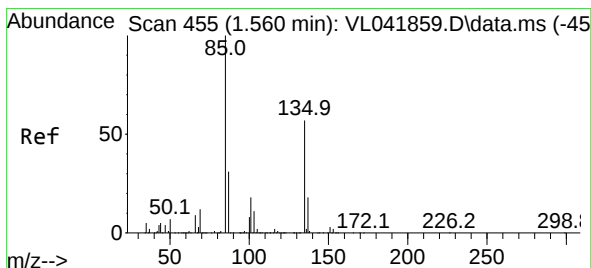
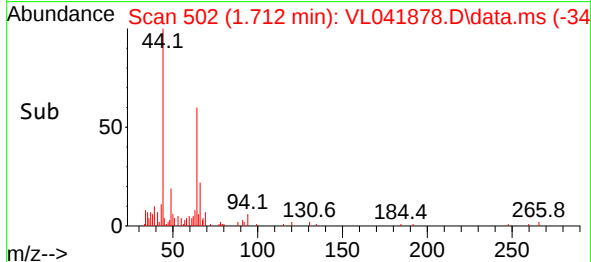
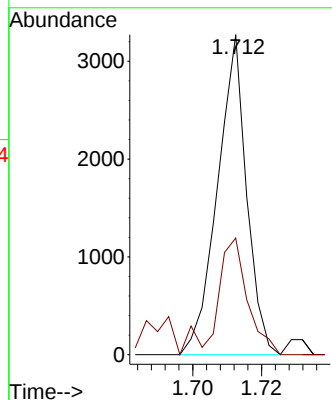
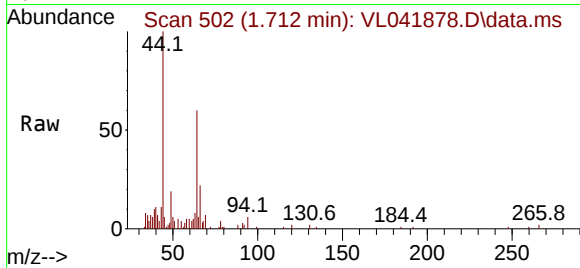




#7
 Chloroethane
 Concen: 0.587 ppbv
 RT: 1.712 min Scan# 502
 Delta R.T. -0.000 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

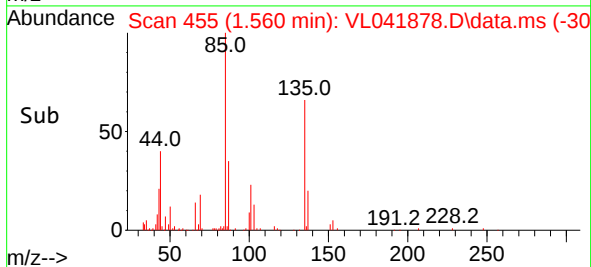
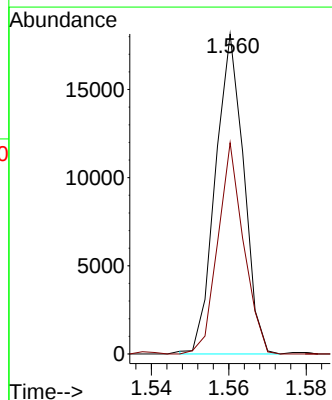
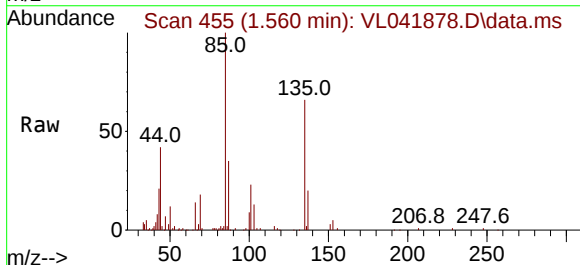
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

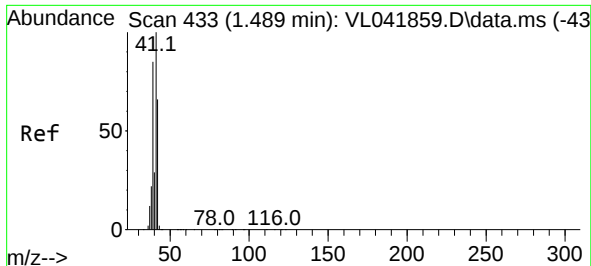
Tgt Ion: 64 Resp: 1919
 Ion Ratio Lower Upper
 64 100
 66 36.5 23.0 34.6#



#8
 Dichlorotetrafluoroethane
 Concen: 0.518 ppbv
 RT: 1.560 min Scan# 455
 Delta R.T. -0.000 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

Tgt Ion: 85 Resp: 9198
 Ion Ratio Lower Upper
 85 100
 135 60.7 52.2 78.4





#9

Propene

Concen: 0.457 ppbv

RT: 1.489 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

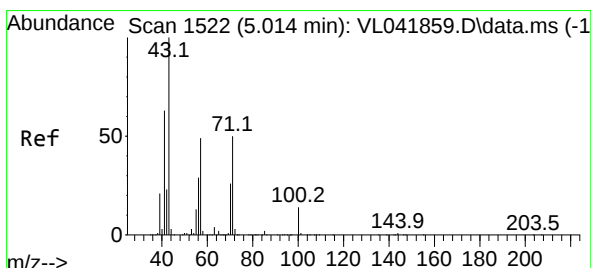
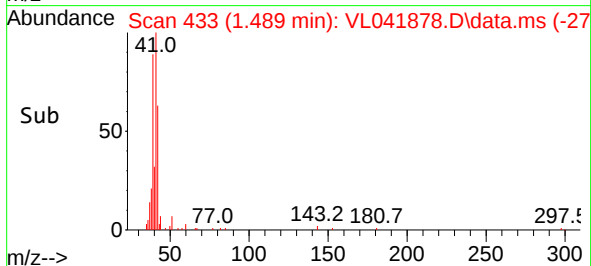
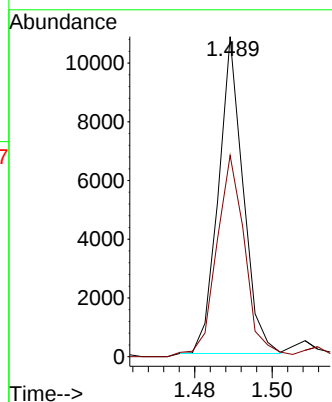
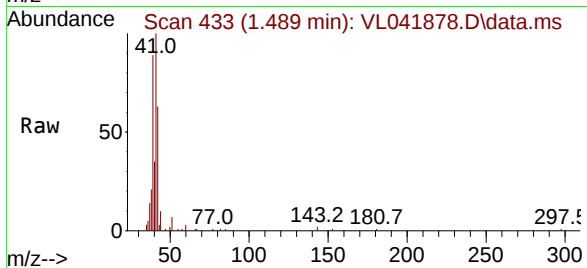
MDL 0.4

Tgt Ion: 41 Resp: 4781

Ion Ratio Lower Upper

41 100

42 80.2 53.0 79.6#



#10

Heptane

Concen: 0.114 ppbv

RT: 5.014 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VL041878.D

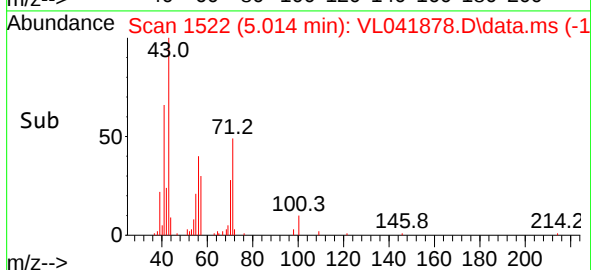
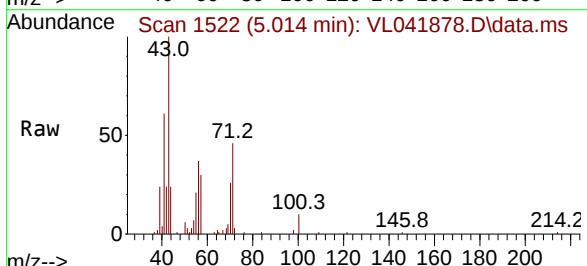
Acq: 09 Jan 2025 21:46

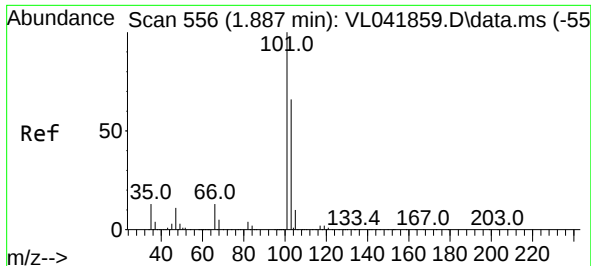
Tgt Ion: 43 Resp: 3142

Ion Ratio Lower Upper

43 100

57 0.0 40.2 60.2#

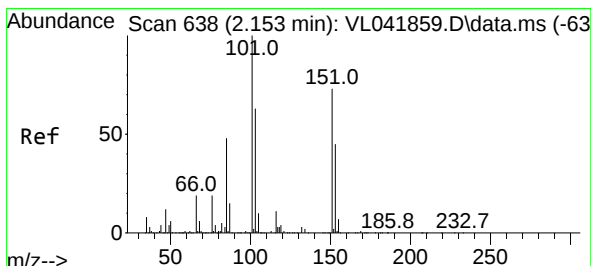
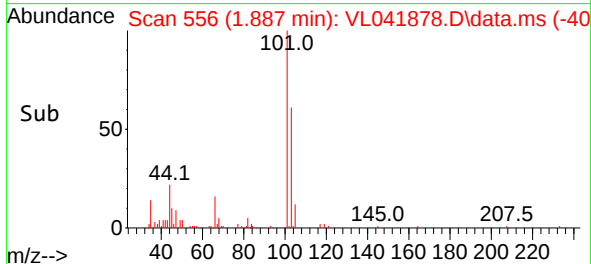
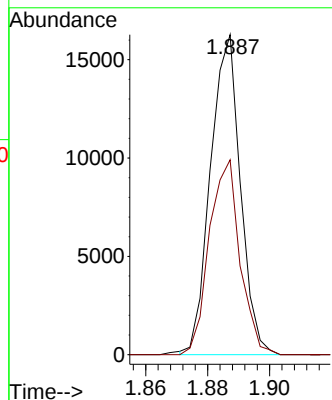
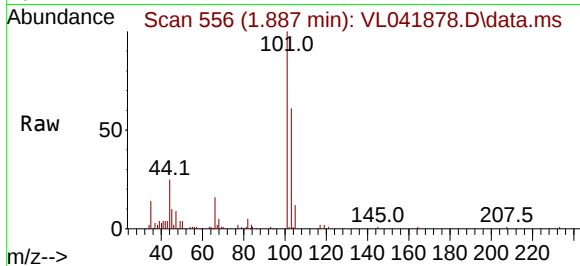




#11
 Trichlorofluoromethane
 Concen: 0.520 ppbv
 RT: 1.887 min Scan# 556
 Delta R.T. -0.000 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

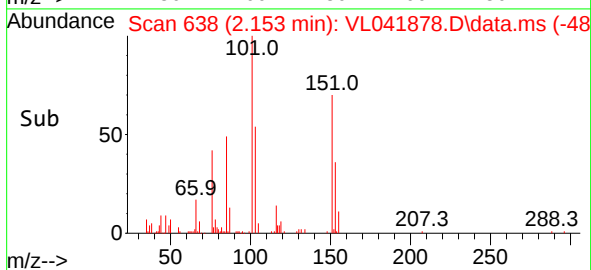
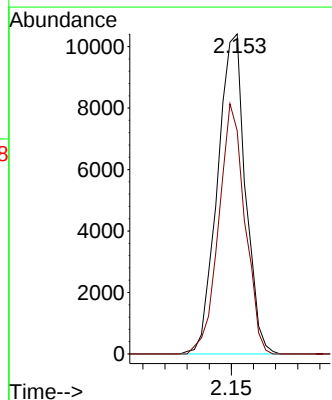
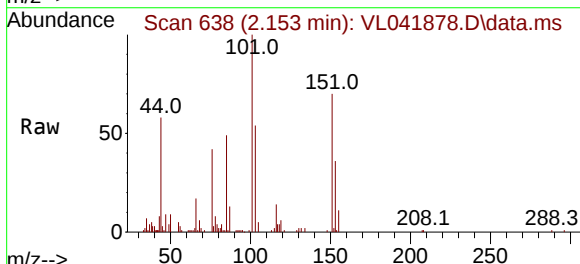
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

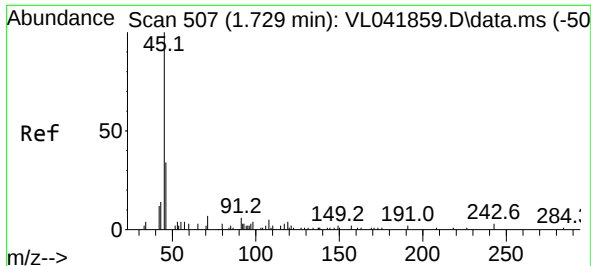
Tgt Ion:101 Resp: 10898
 Ion Ratio Lower Upper
 101 100
 103 60.9 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.540 ppbv
 RT: 2.153 min Scan# 638
 Delta R.T. -0.000 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

Tgt Ion:101 Resp: 9156
 Ion Ratio Lower Upper
 101 100
 151 73.2 59.4 89.0





#13

Ethanol

Concen: 2.389 ppbv

RT: 1.729 min Scan# 507

Delta R.T. -0.000 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

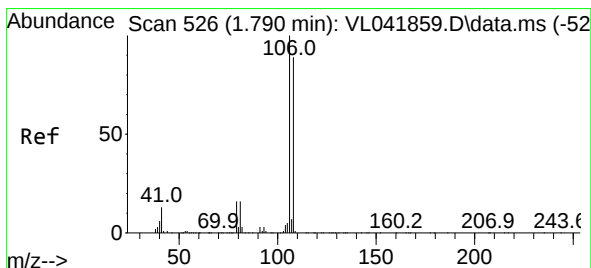
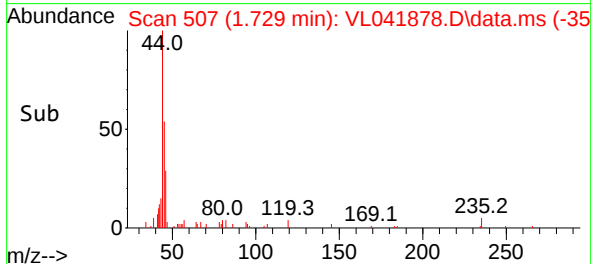
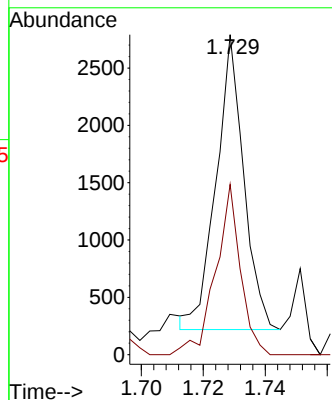
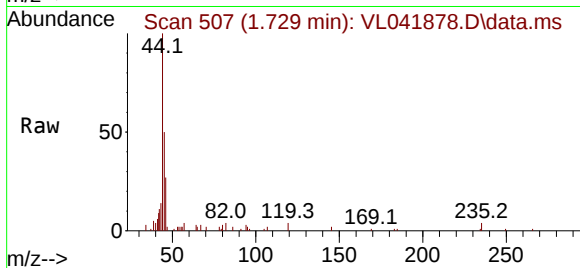
MDL 0.4

Tgt Ion: 45 Resp: 1587

Ion Ratio Lower Upper

45 100

46 58.9 19.0 76.0



#14

Bromoethene

Concen: 0.525 ppbv

RT: 1.787 min Scan# 525

Delta R.T. -0.003 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

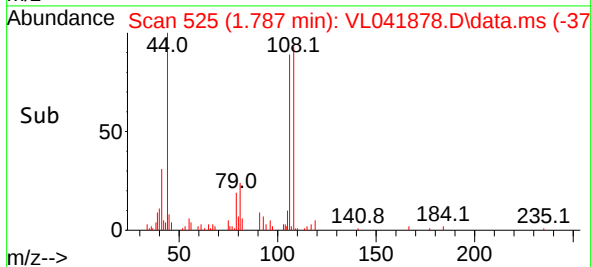
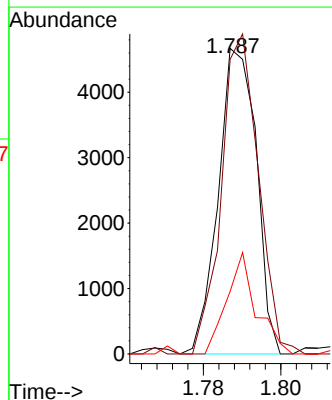
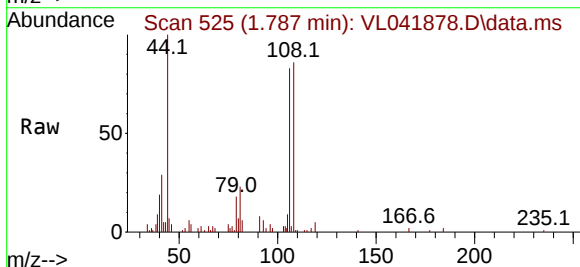
Tgt Ion: 108 Resp: 3191

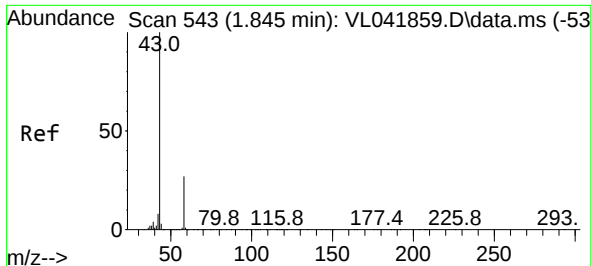
Ion Ratio Lower Upper

108 100

106 102.3 86.9 130.3

79 28.4 15.6 23.4#

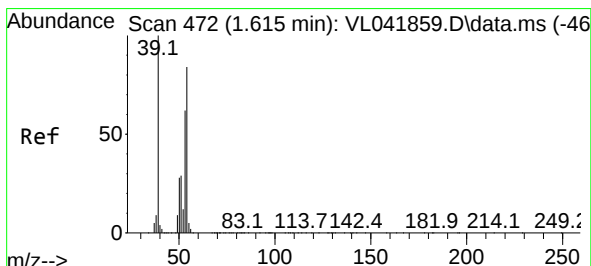
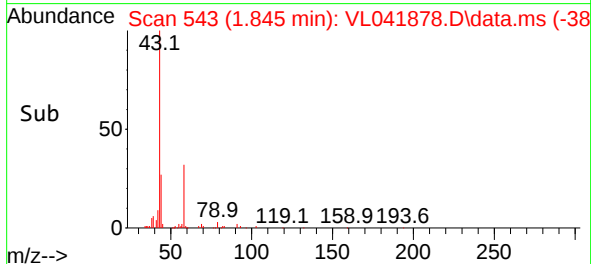
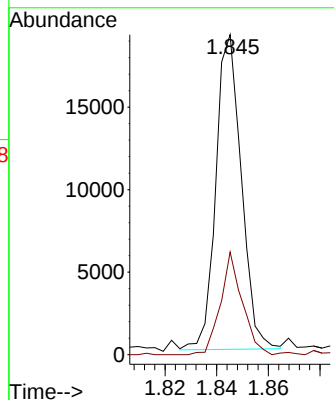
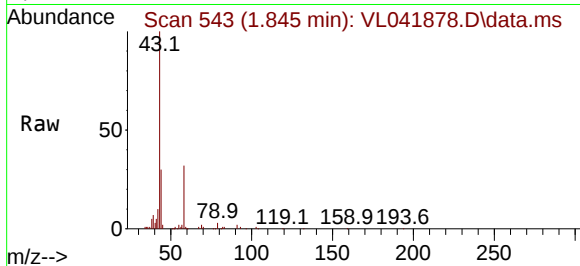




#15
Acetone
Concen: 0.622 ppbv
RT: 1.845 min Scan# 543
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

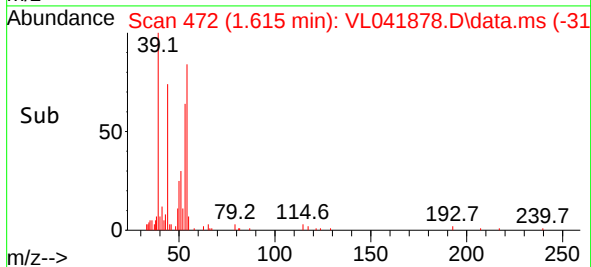
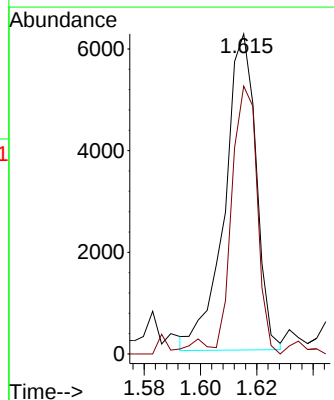
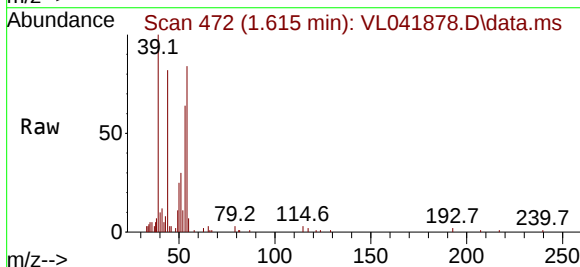
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

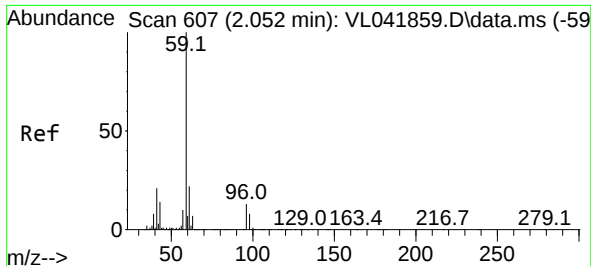
Tgt Ion: 43 Resp: 13045
Ion Ratio Lower Upper
43 100
58 29.7 22.7 34.1



#16
1,3-Butadiene
Concen: 0.537 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 39 Resp: 4840
Ion Ratio Lower Upper
39 100
54 74.6 60.1 90.1





#17

tert-Butyl alcohol

Concen: 0.451 ppbv

RT: 2.052 min Scan# 607

Delta R.T. -0.000 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

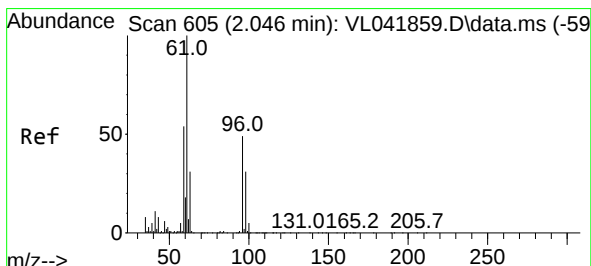
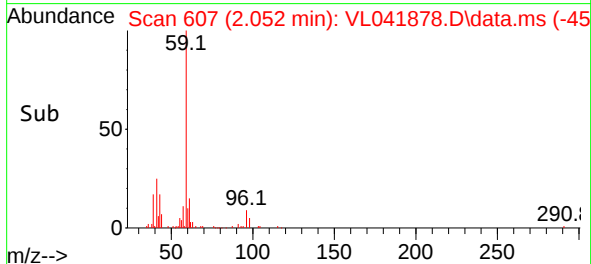
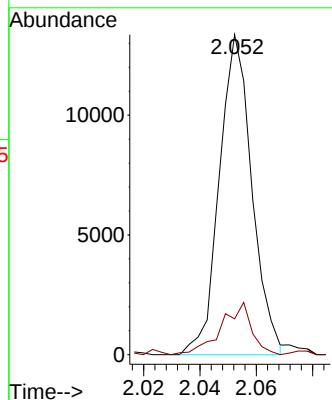
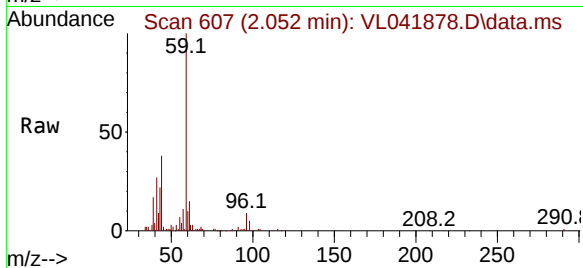
MDL 0.4

Tgt Ion: 59 Resp: 10740

Ion Ratio Lower Upper

59 100

57 16.5 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.529 ppbv

RT: 2.043 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

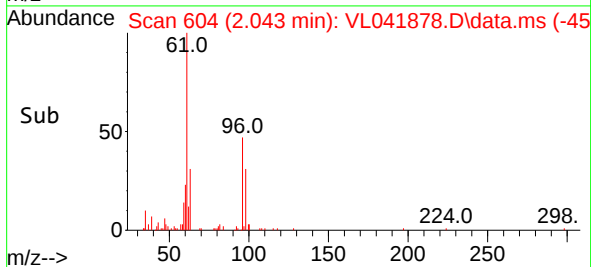
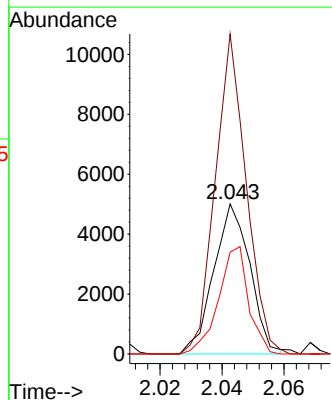
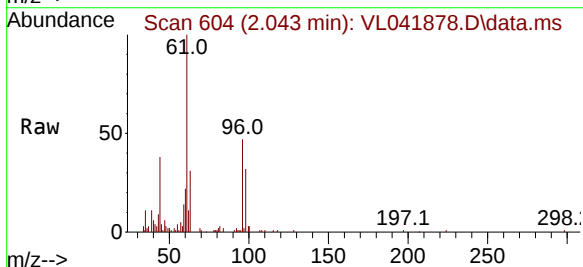
Tgt Ion: 96 Resp: 4061

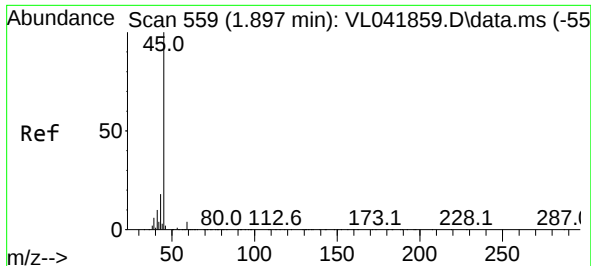
Ion Ratio Lower Upper

96 100

61 213.2 161.7 242.5

98 67.7 51.0 76.4





#19

Isopropyl Alcohol

Concen: 0.597 ppbv

RT: 1.897 min Scan# 559

Delta R.T. -0.000 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

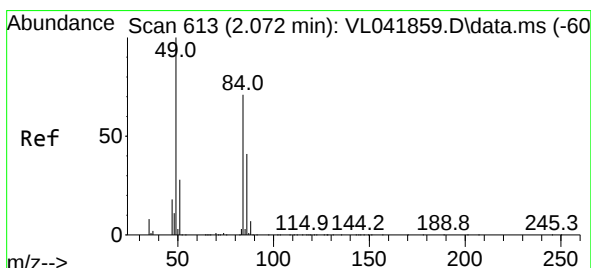
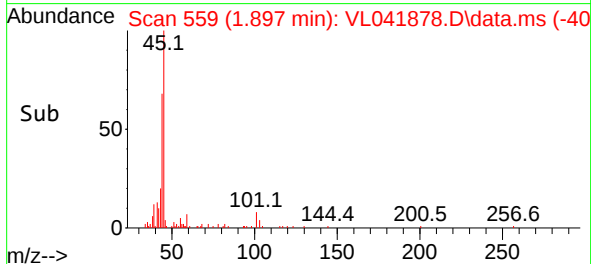
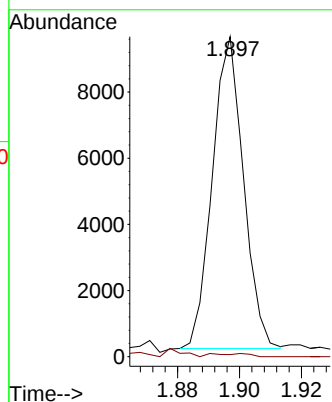
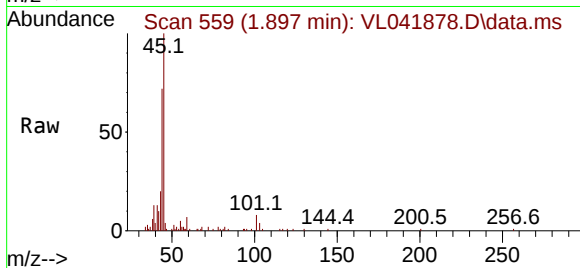
MDL 0.4

Tgt Ion: 45 Resp: 6579

Ion Ratio Lower Upper

45 100

58 56.3 37.0 55.6#



#20

Methylene Chloride

Concen: 0.608 ppbv

RT: 2.072 min Scan# 613

Delta R.T. -0.000 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Tgt Ion: 84 Resp: 4351

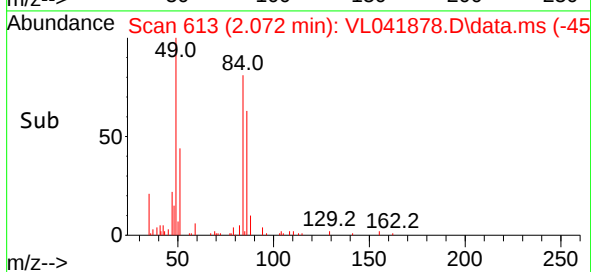
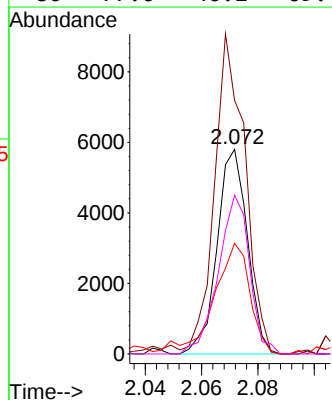
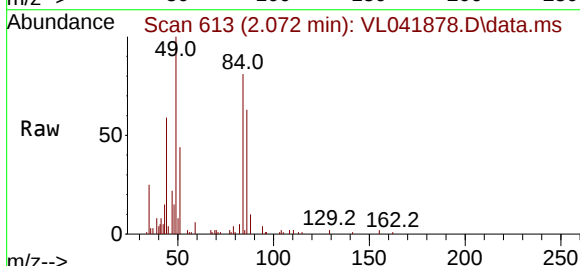
Ion Ratio Lower Upper

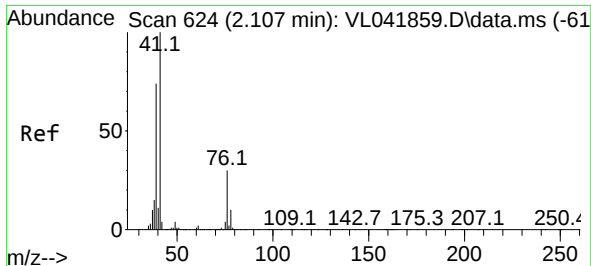
84 100

49 123.8 113.8 170.8

51 54.1 33.5 50.3#

86 77.6 46.2 69.4#

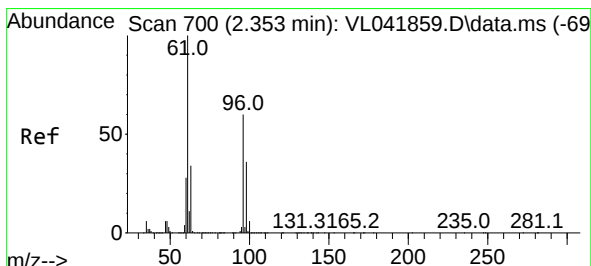
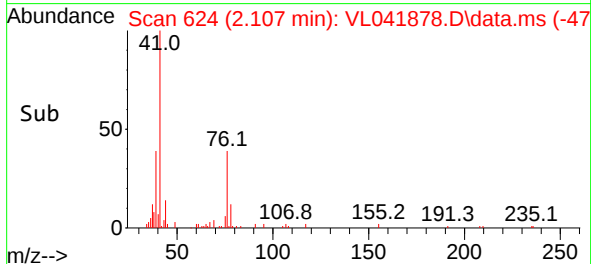
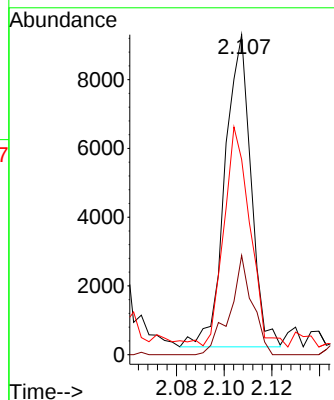
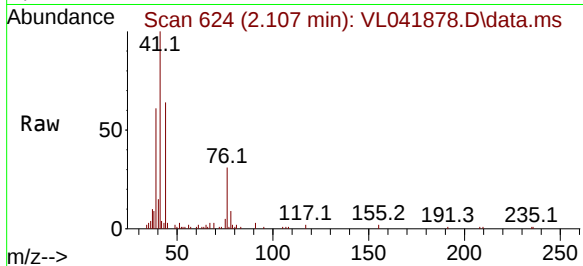




#21
 Allyl Chloride
 Concen: 0.514 ppbv
 RT: 2.107 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

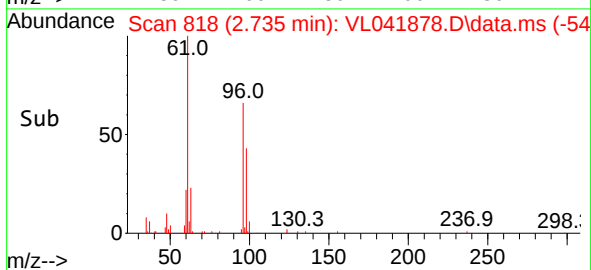
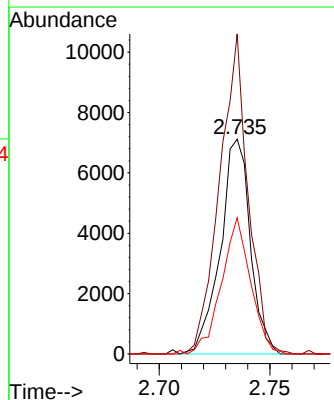
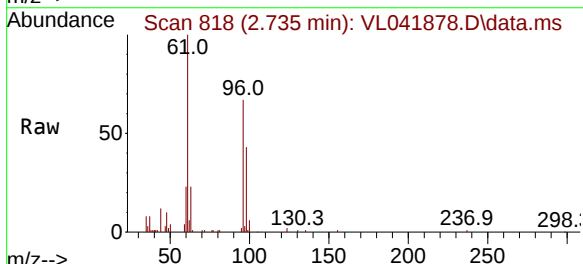
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

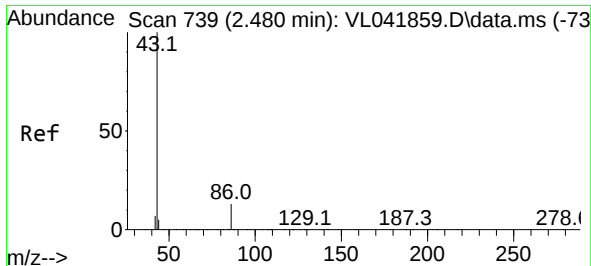
Tgt Ion:	41	Resp:	6897
Ion	Ratio	Lower	Upper
41	100		
76	27.5	24.6	36.8
39	77.0	60.1	90.1



#22
 trans-1,2-Dichloroethene
 Concen: 0.756 ppbv
 RT: 2.735 min Scan# 818
 Delta R.T. 0.382 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

Tgt Ion:	96	Resp:	6720
Ion	Ratio	Lower	Upper
96	100		
61	149.0	134.2	201.4
98	62.2	49.0	73.4

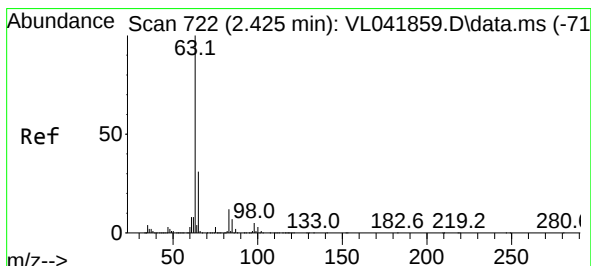
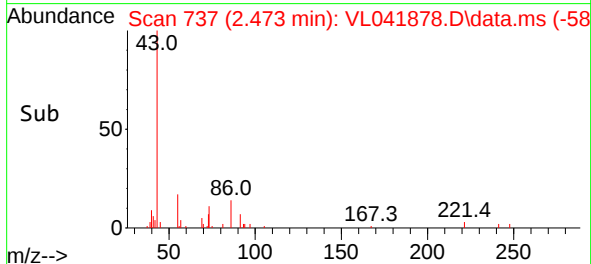
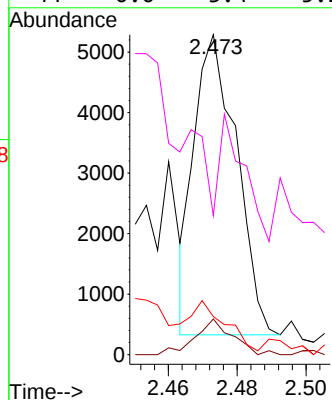
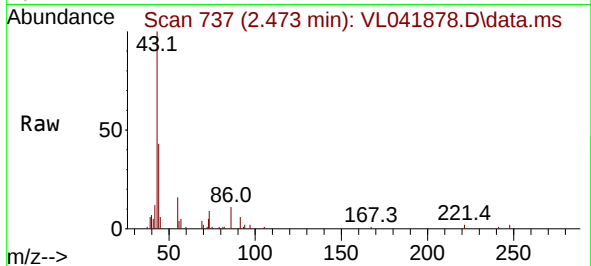




#23
 Vinyl Acetate
 Concen: 0.398 ppbv
 RT: 2.473 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

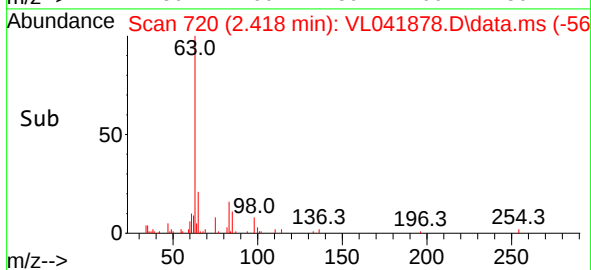
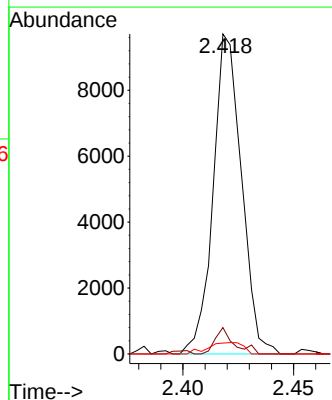
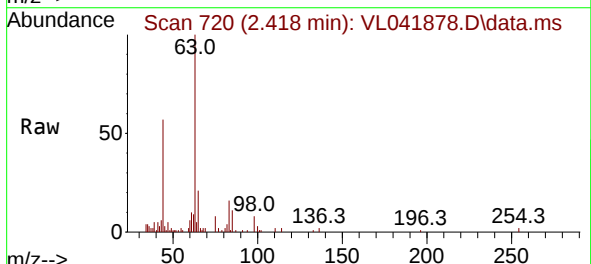
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

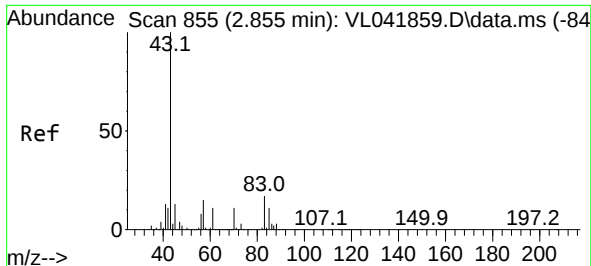
Tgt Ion:	43	Resp:	4233
Ion	Ratio	Lower	Upper
43	100		
86	11.9	7.8	11.6#
42	8.0	7.0	10.4
44	0.0	3.4	5.2#



#24
 1,1-Dichloroethane
 Concen: 0.513 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.007 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

Tgt Ion:	63	Resp:	8636
Ion	Ratio	Lower	Upper
63	100		
98	8.2	2.3	6.9#
100	3.4	1.3	3.8

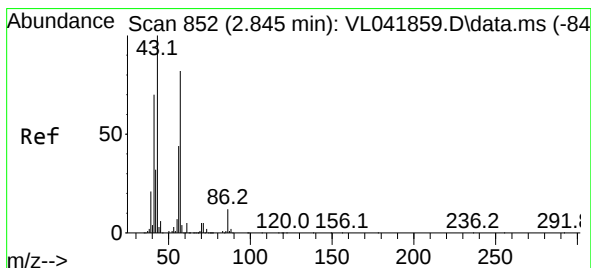
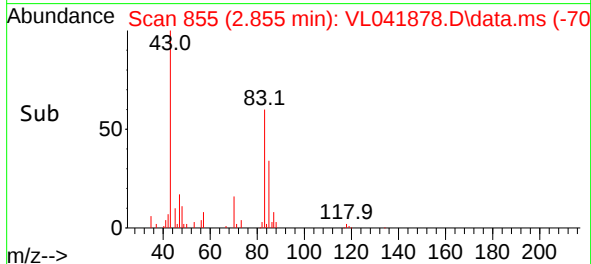
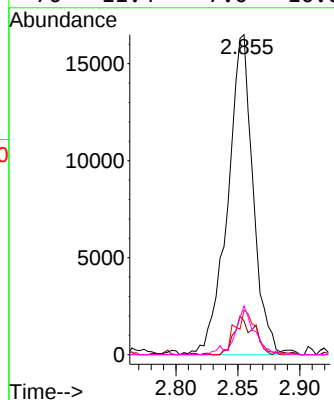
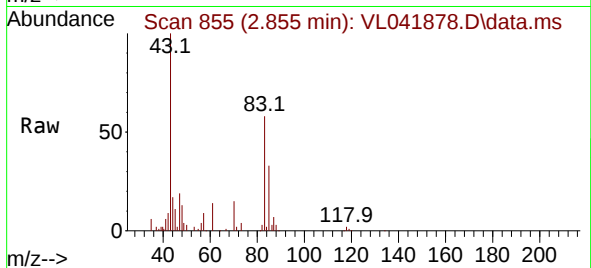




#25
Ethyl Acetate
Concen: 0.451 ppbv
RT: 2.855 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

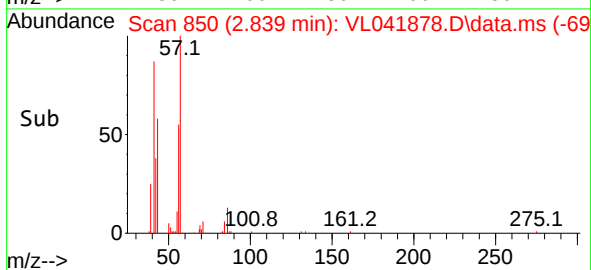
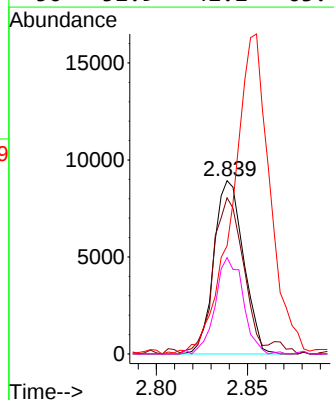
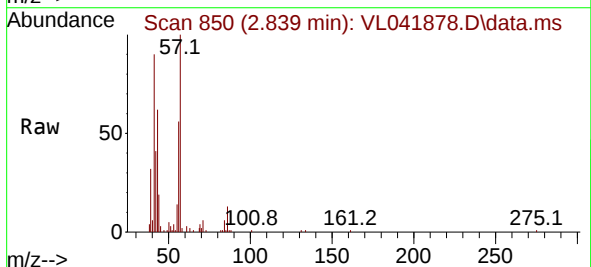
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

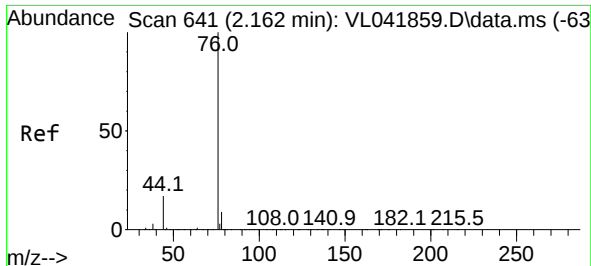
Tgt Ion:	43	Resp:	23509
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.4	12.6
61	11.4	7.3	10.9#
70	11.4	7.0	10.6#



#26
Hexane
Concen: 0.472 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion:	57	Resp:	10116
Ion	Ratio	Lower	Upper
57	100		
41	97.5	71.5	107.3
43	230.4	200.2	300.4
56	52.9	42.2	63.4





#27

Carbon Disulfide

Concen: 0.453 ppbv

RT: 2.159 min Scan# 641

Delta R.T. -0.003 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

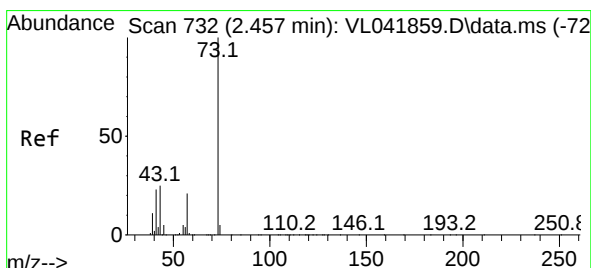
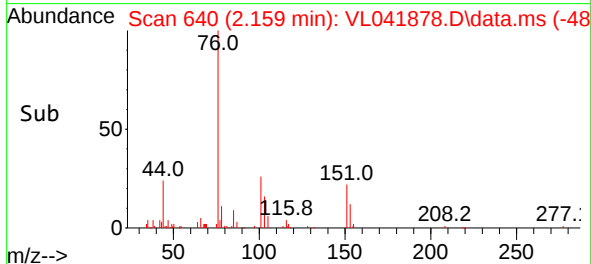
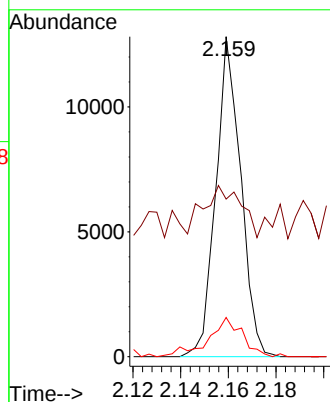
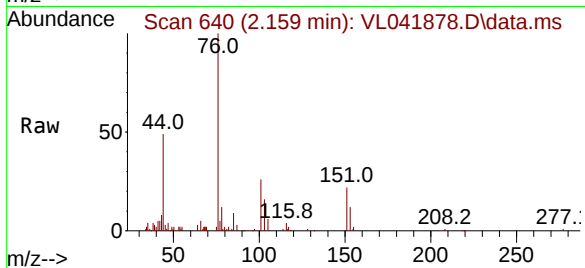
Tgt Ion: 76 Resp: 9292

Ion Ratio Lower Upper

76 100

44 169.9 13.1 19.7#

78 16.8 9.5 14.3#



#28

Methyl tert-Butyl Ether

Concen: 0.470 ppbv

RT: 2.457 min Scan# 732

Delta R.T. -0.000 min

Lab File: VL041878.D

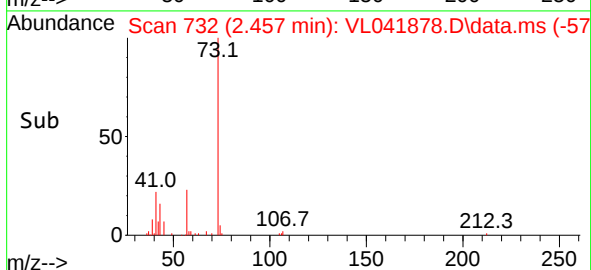
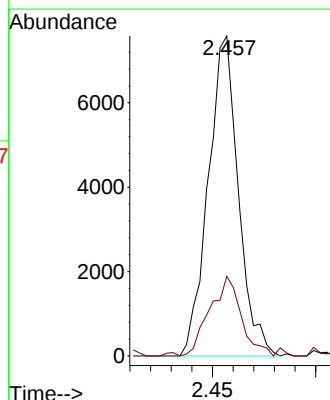
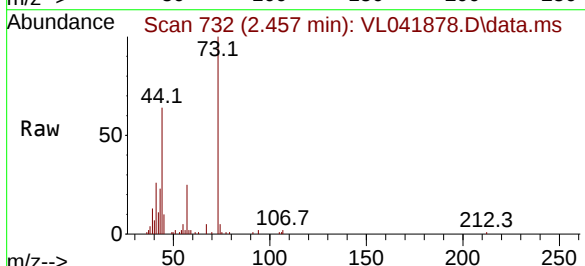
Acq: 09 Jan 2025 21:46

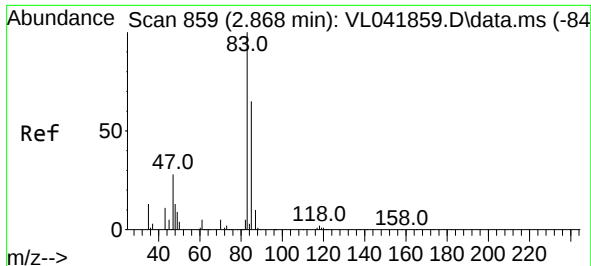
Tgt Ion: 73 Resp: 7694

Ion Ratio Lower Upper

73 100

57 26.9 17.5 26.3#





#29

Chloroform

Concen: 0.503 ppbv

RT: 2.858 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

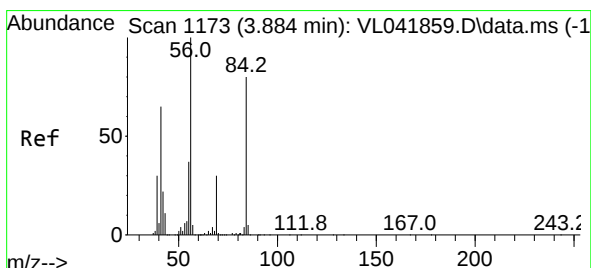
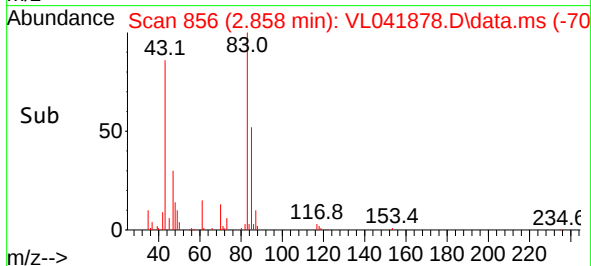
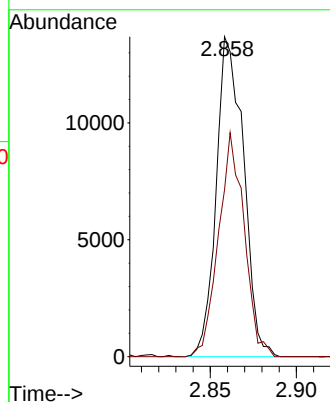
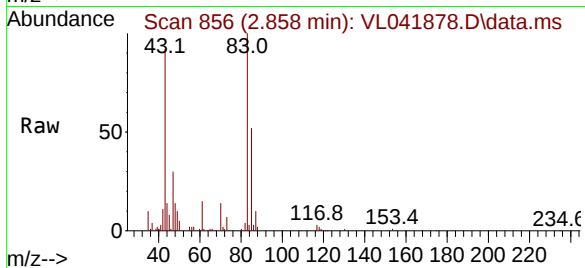
MDL 0.4

Tgt Ion: 83 Resp: 15090

Ion Ratio Lower Upper

83 100

85 52.1 51.7 77.5



#30

Cyclohexane

Concen: 0.472 ppbv

RT: 3.875 min Scan# 1170

Delta R.T. -0.010 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

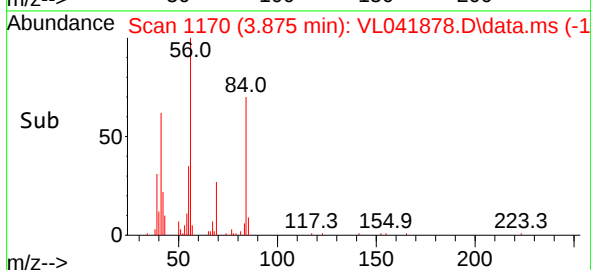
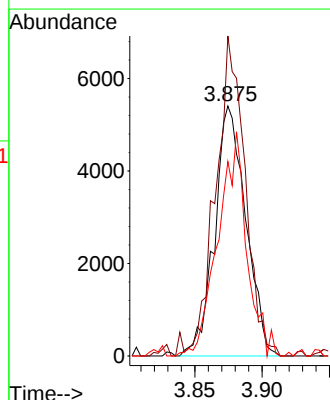
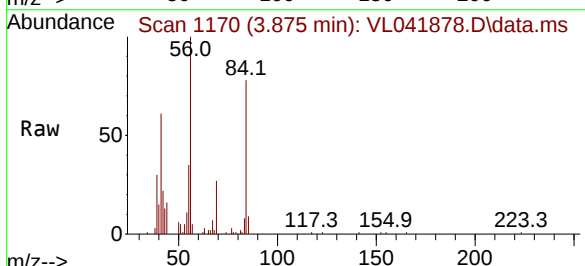
Tgt Ion: 84 Resp: 8682

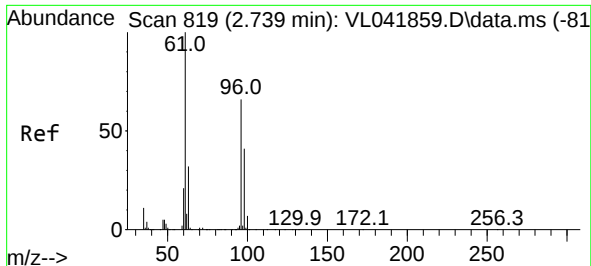
Ion Ratio Lower Upper

84 100

56 122.7 100.7 151.1

41 83.6 62.8 94.2

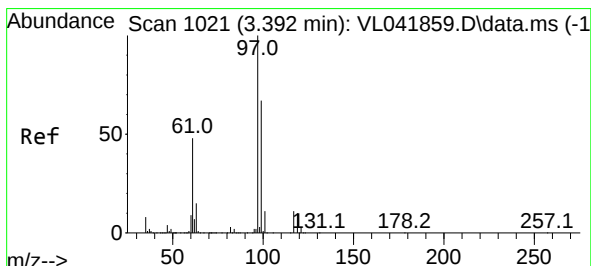
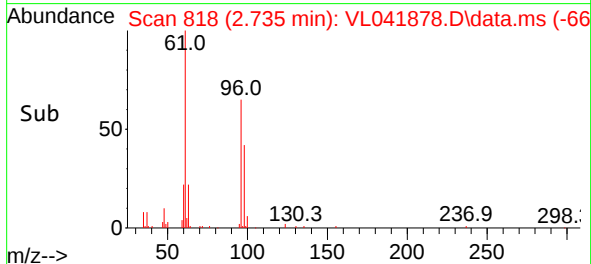
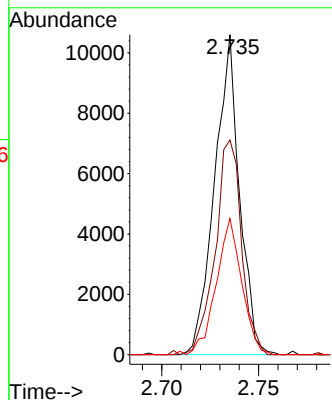
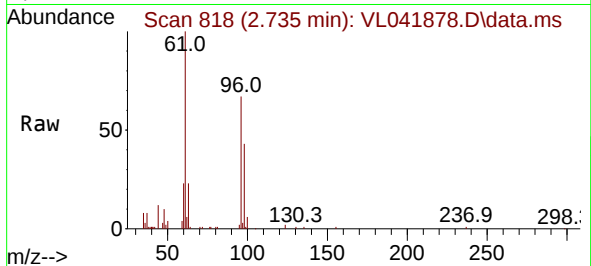




#31
 cis-1,2-Dichloroethene
 Concen: 0.453 ppbv
 RT: 2.735 min Scan# 819
 Delta R.T. -0.003 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

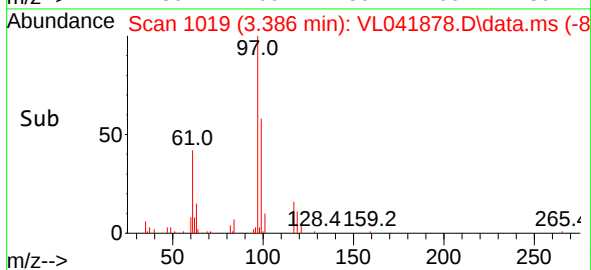
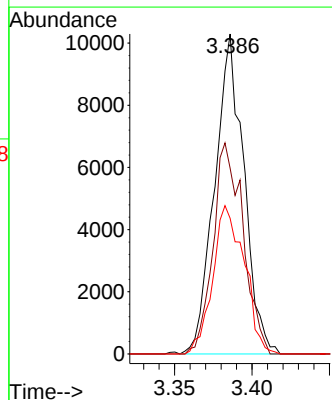
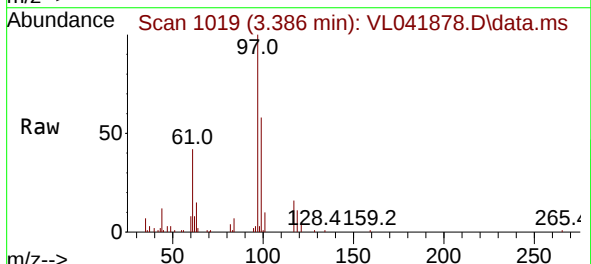
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

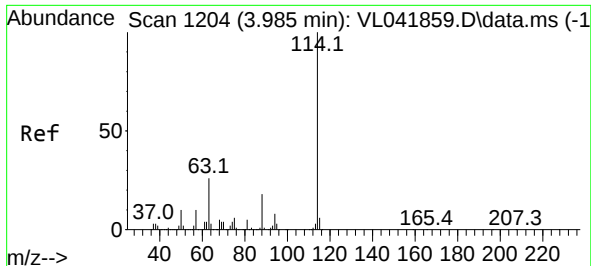
Tgt Ion: 61 Resp: 9485
 Ion Ratio Lower Upper
 61 100
 96 67.1 53.2 79.8
 98 42.6 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 0.452 ppbv
 RT: 3.386 min Scan# 1019
 Delta R.T. -0.007 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

Tgt Ion: 97 Resp: 13475
 Ion Ratio Lower Upper
 97 100
 99 67.7 52.0 78.0
 61 50.1 38.8 58.2

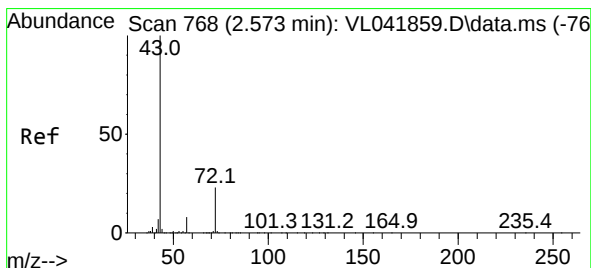
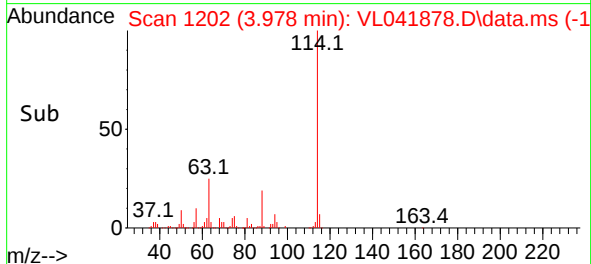
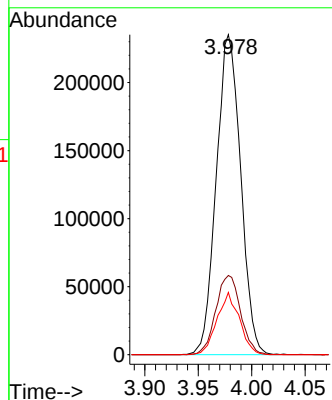
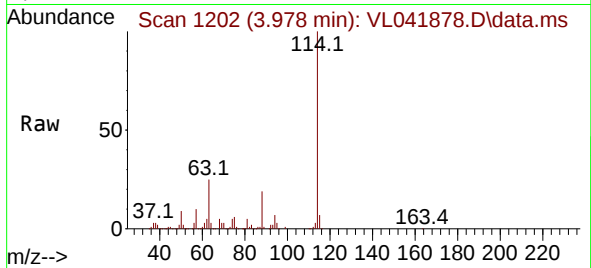




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

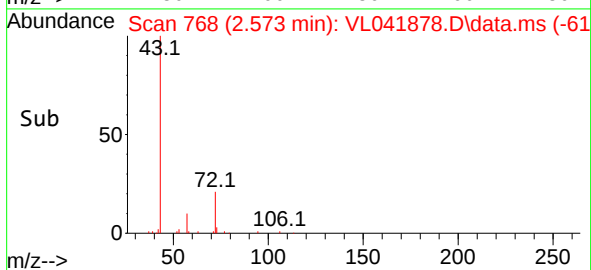
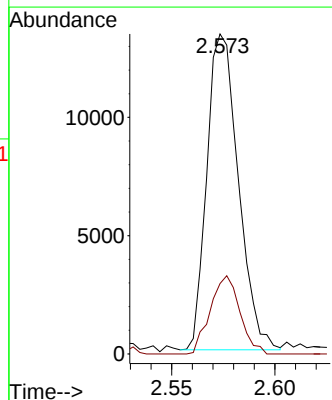
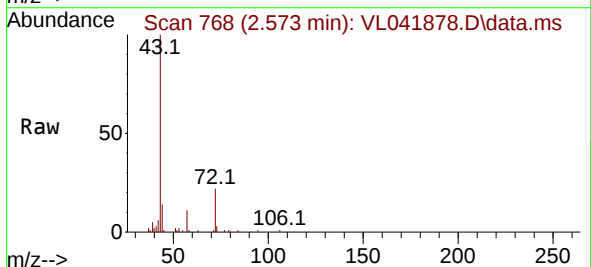
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

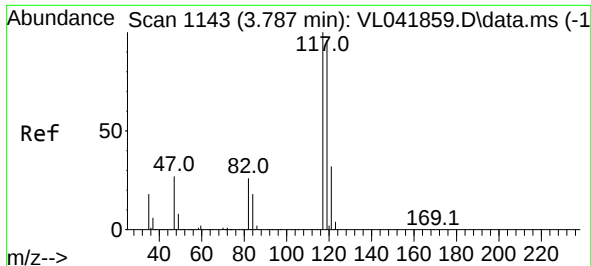
Tgt Ion:114 Resp: 373355
Ion Ratio Lower Upper
114 100
63 25.2 20.3 30.5
88 17.9 14.6 21.8



#34
2-Butanone
Concen: 0.457 ppbv
RT: 2.573 min Scan# 768
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 43 Resp: 14173
Ion Ratio Lower Upper
43 100
72 23.2 18.5 27.7

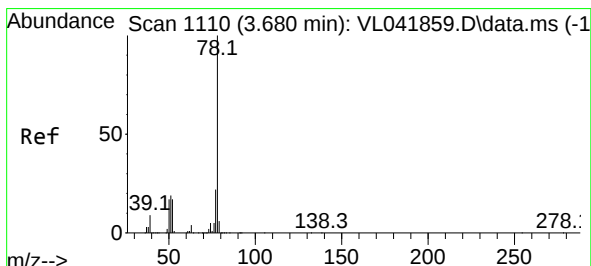
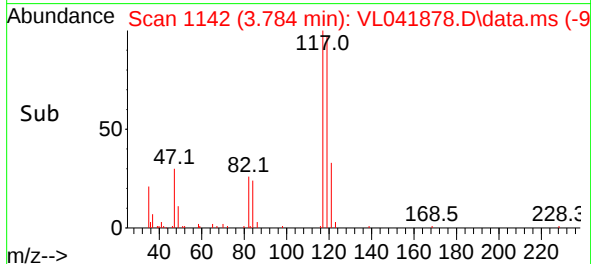
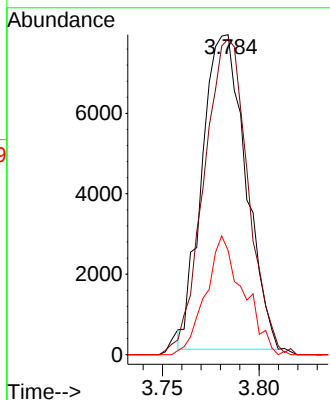
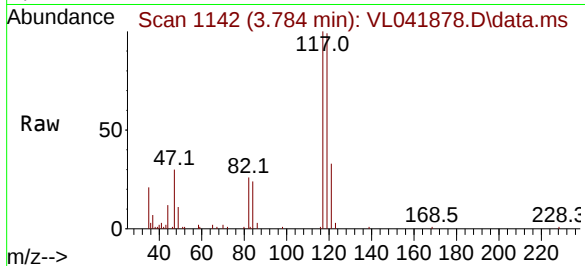




#35
Carbon Tetrachloride
Concen: 0.421 ppbv
RT: 3.784 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

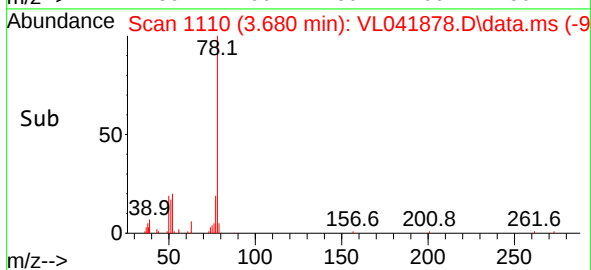
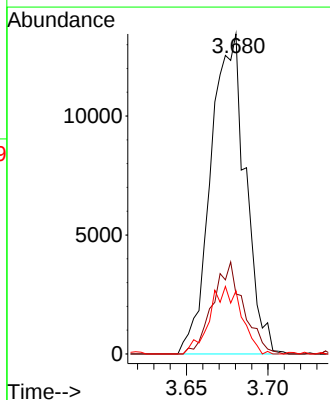
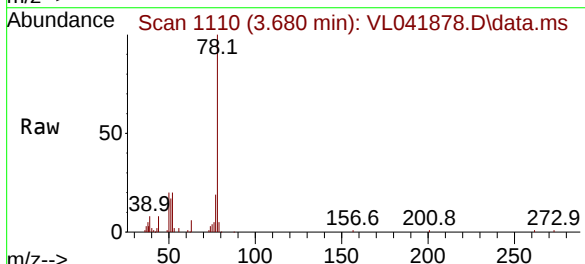
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

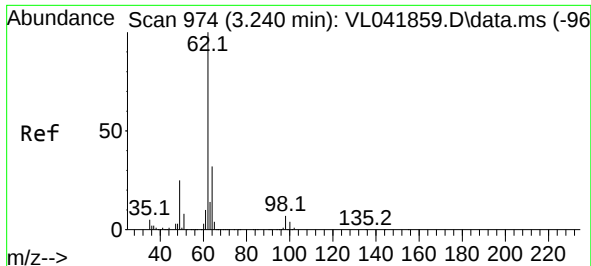
Tgt Ion:117 Resp: 12221
Ion Ratio Lower Upper
117 100
119 97.5 76.9 115.3
121 33.1 25.9 38.9



#36
Benzene
Concen: 0.458 ppbv
RT: 3.680 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 78 Resp: 19856
Ion Ratio Lower Upper
78 100
77 18.8 17.9 26.9
50 19.7 13.7 20.5





#37

1,2-Dichloroethane

Concen: 0.539 ppbv

RT: 3.237 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

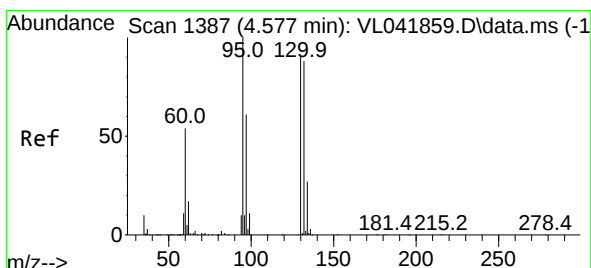
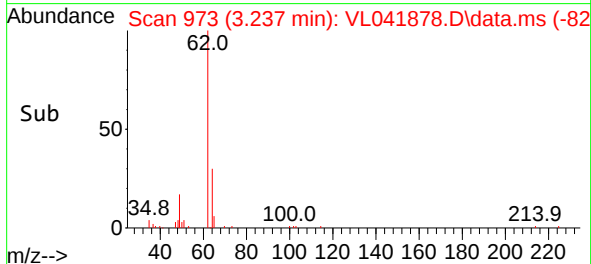
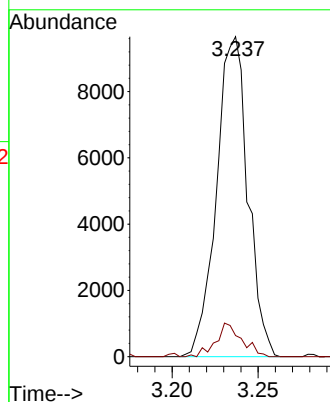
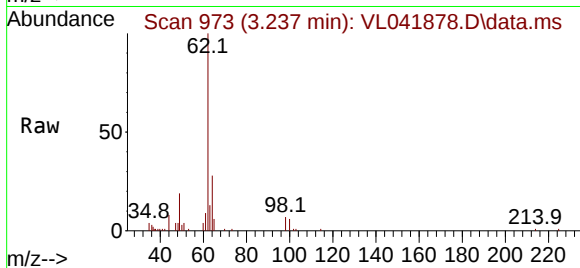
MDL 0.4

Tgt Ion: 62 Resp: 12249

Ion Ratio Lower Upper

62 100

98 8.8 5.6 8.4#



#38

Trichloroethene

Concen: 0.390 ppbv

RT: 4.567 min Scan# 1384

Delta R.T. -0.010 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Tgt Ion:130 Resp: 6662

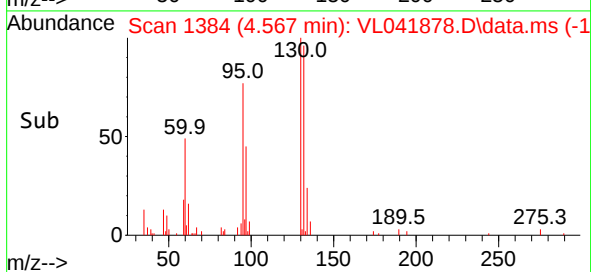
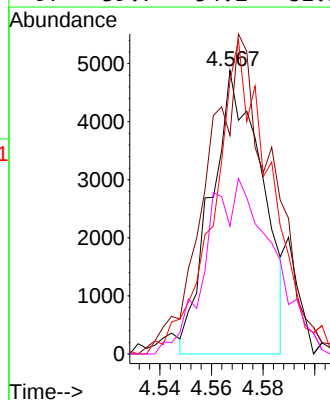
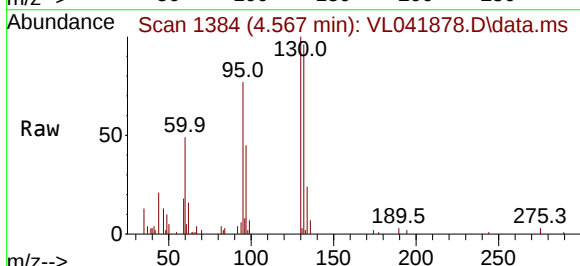
Ion Ratio Lower Upper

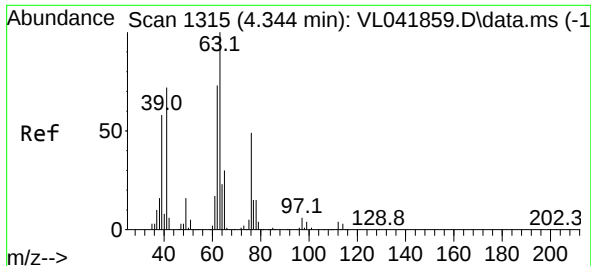
130 100

95 68.4 88.5 132.7#

132 88.5 78.2 117.2

97 39.7 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 0.398 ppbv

RT: 4.337 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

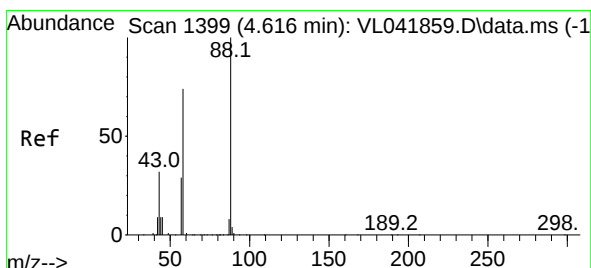
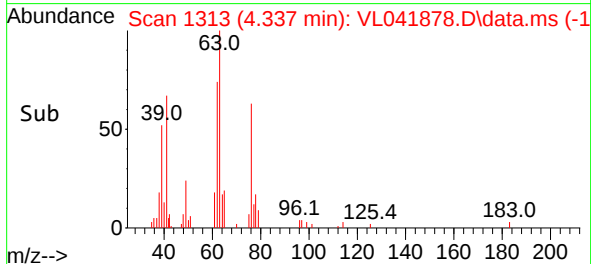
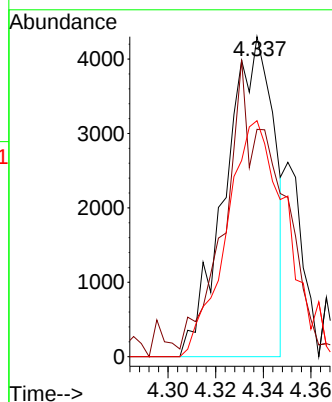
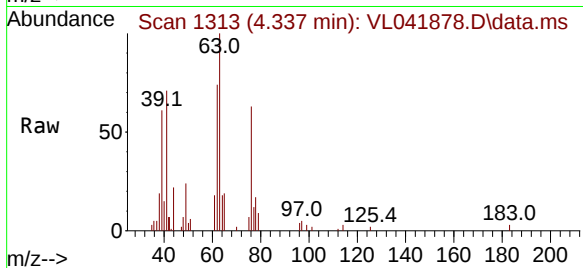
Tgt Ion: 63 Resp: 6128

Ion Ratio Lower Upper

63 100

41 68.6 58.0 87.0

62 73.8 58.6 87.8



#40

1,4-Dioxane

Concen: 0.368 ppbv

RT: 4.629 min Scan# 1403

Delta R.T. 0.013 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Tgt Ion: 88 Resp: 2848

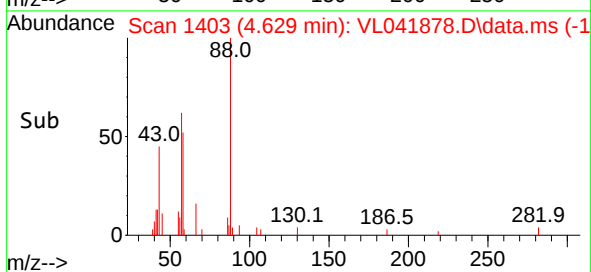
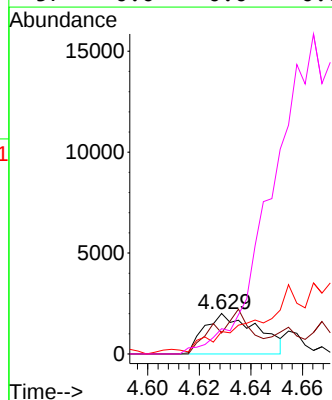
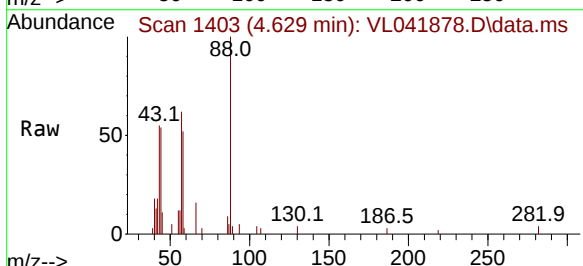
Ion Ratio Lower Upper

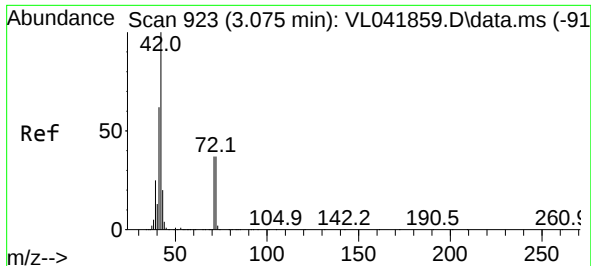
88 100

58 151.6 52.2 78.4#

43 15.0 0.0 0.0#

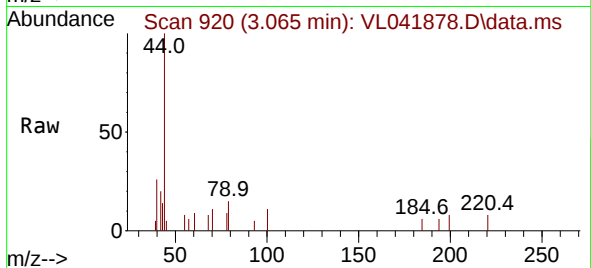
57 0.0 0.0 0.0



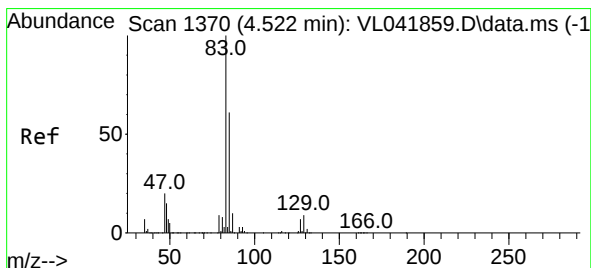
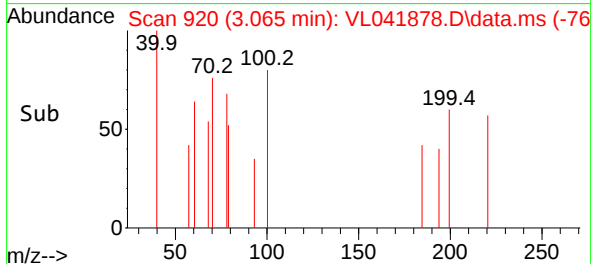
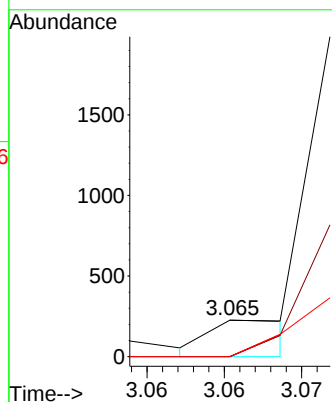


#41
Tetrahydrofuran
Concen: 0.005 ppbv
RT: 3.065 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

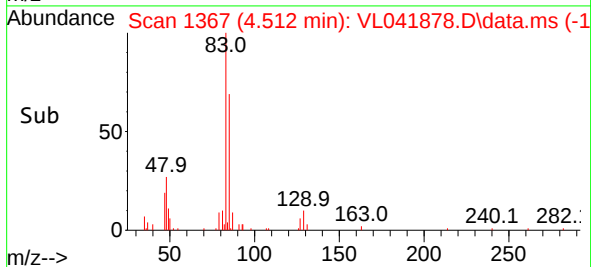
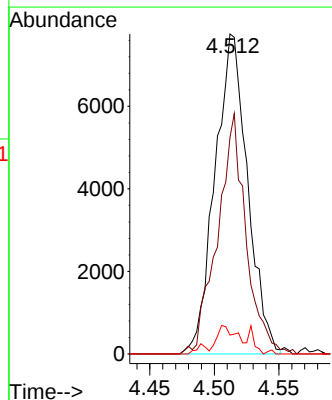
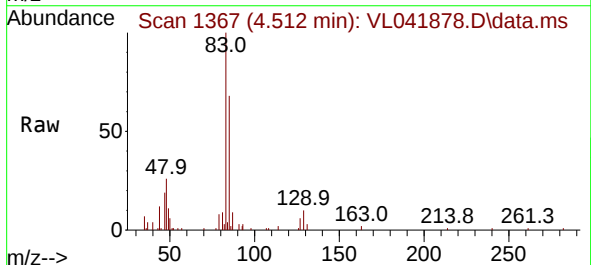


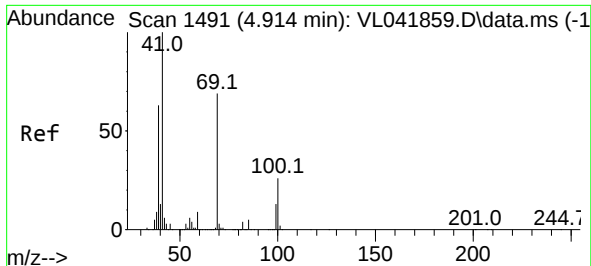
Tgt Ion: 42 Resp: 87
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 0.0 30.1 45.1#



#42
Bromodichloromethane
Concen: 0.436 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 83 Resp: 13602
Ion Ratio Lower Upper
83 100
85 67.6 48.9 73.3
127 5.9 5.4 8.2

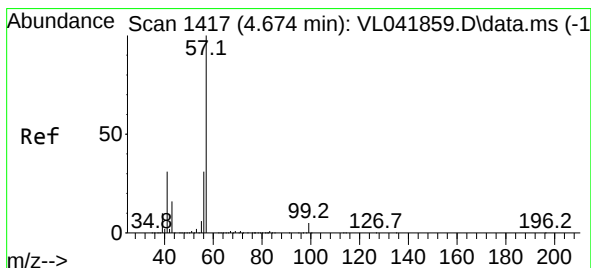
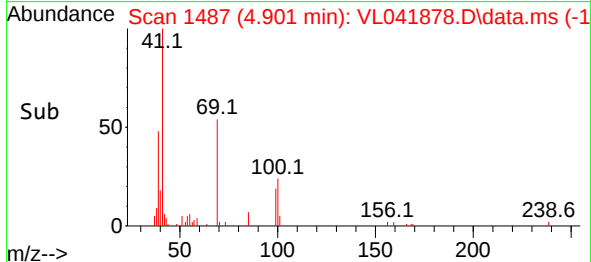
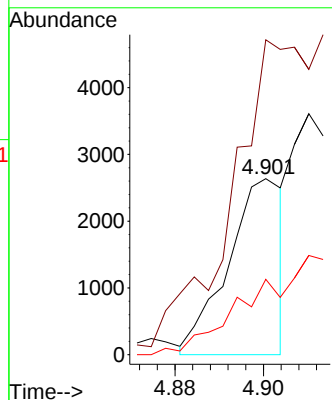
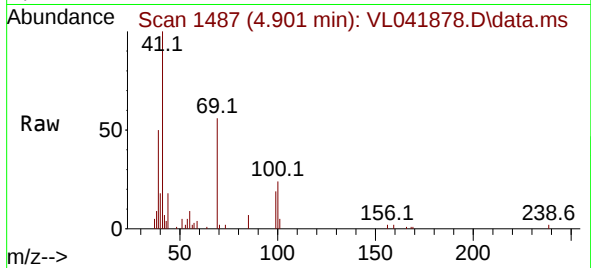




#43
Methyl Methacrylate
Concen: 0.128 ppbv
RT: 4.901 min Scan# 1491
Delta R.T. -0.013 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

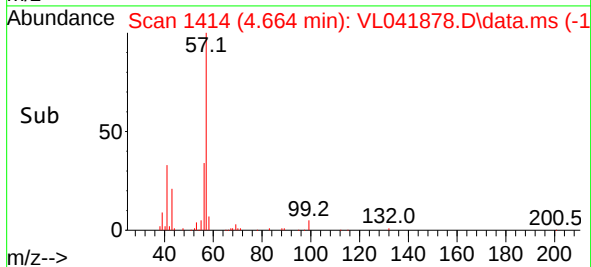
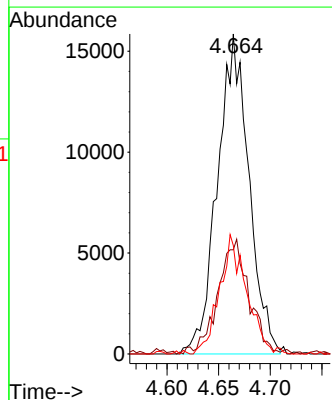
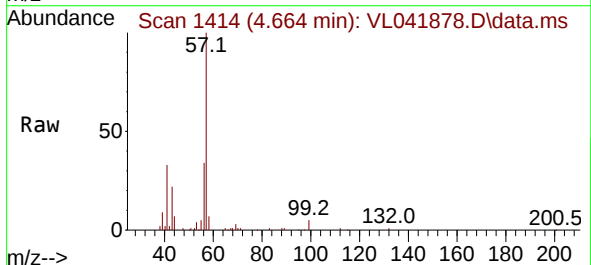
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.4

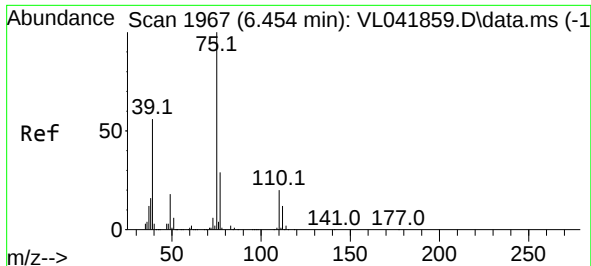
Tgt Ion: 69 Resp: 2273
Ion Ratio Lower Upper
69 100
41 0.0 116.2 174.4#
100 0.0 29.8 44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.459 ppbv
RT: 4.664 min Scan# 1414
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 57 Resp: 33556
Ion Ratio Lower Upper
57 100
41 36.7 25.5 38.3
56 32.5 25.6 38.4

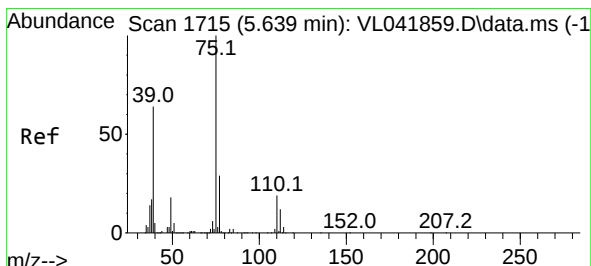
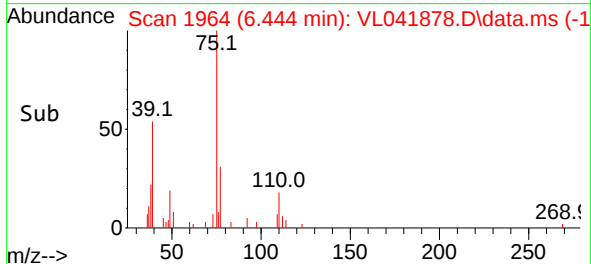
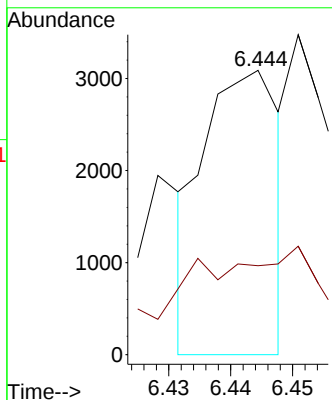
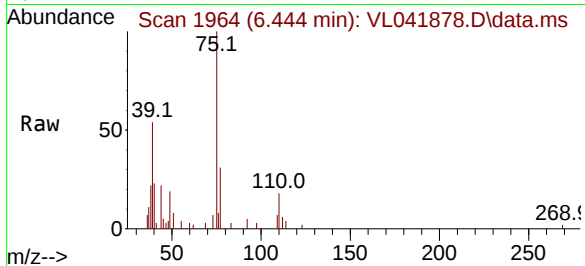




#45
t-1,3-Dichloropropene
Concen: 0.144 ppbv
RT: 6.444 min Scan# 1967
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

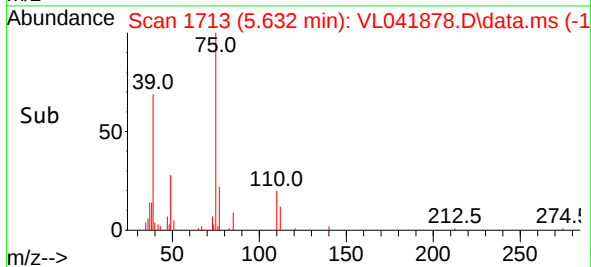
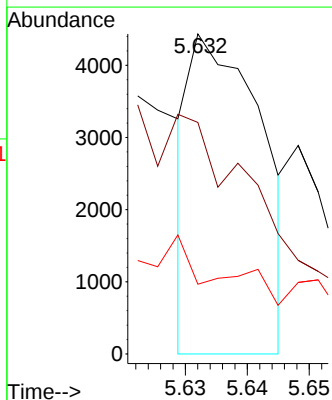
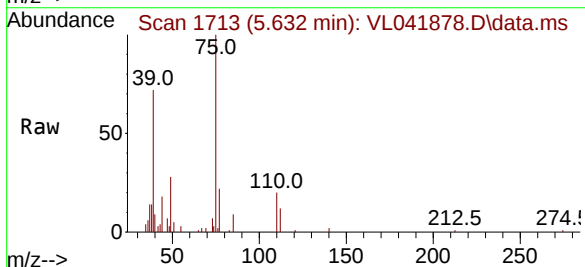
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

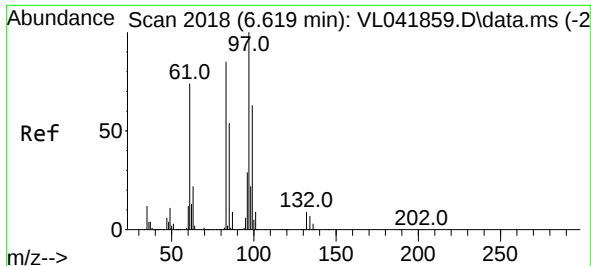
Tgt Ion: 75 Resp: 2615
Ion Ratio Lower Upper
75 100
77 31.3 23.4 35.2



#46
cis-1,3-Dichloropropene
Concen: 0.153 ppbv
RT: 5.632 min Scan# 1713
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 75 Resp: 3557
Ion Ratio Lower Upper
75 100
39 78.7 51.4 77.2#
77 15.0 23.0 34.4#





#47

1,1,2-Trichloroethane

Concen: 0.317 ppbv

RT: 6.613 min Scan# 2018

Delta R.T. -0.007 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.4

Tgt Ion: 97 Resp: 5139

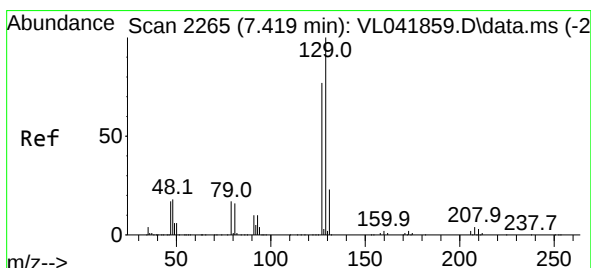
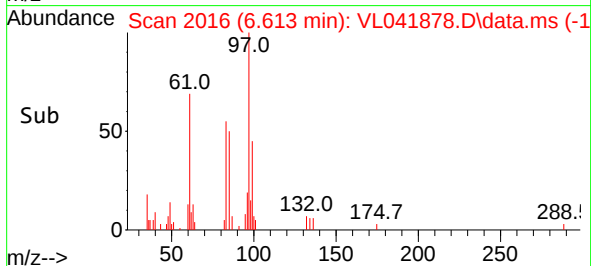
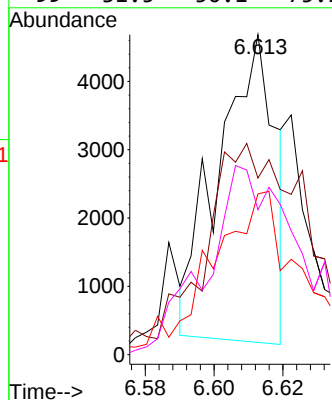
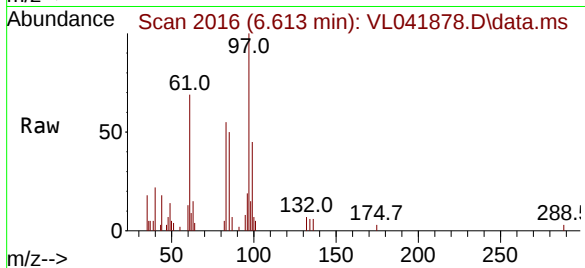
Ion Ratio Lower Upper

97 100

83 47.4 68.1 102.1#

85 50.5 43.4 65.2

99 31.5 50.1 75.1#



#48

Dibromochloromethane

Concen: 0.222 ppbv

RT: 7.409 min Scan# 2262

Delta R.T. -0.010 min

Lab File: VL041878.D

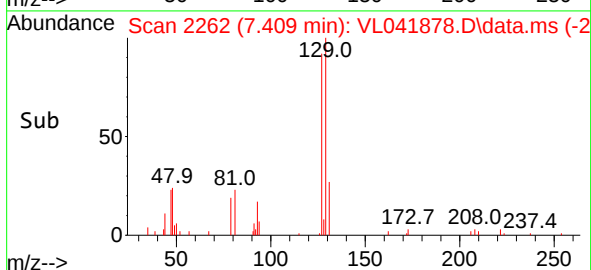
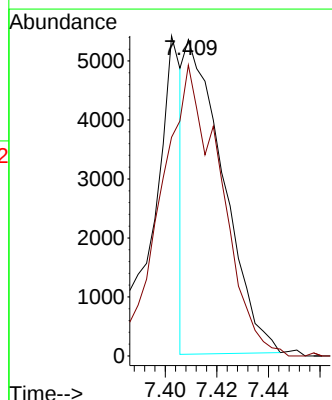
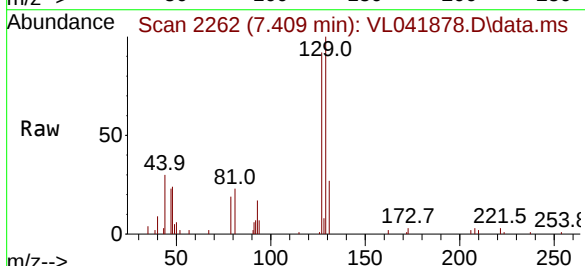
Acq: 09 Jan 2025 21:46

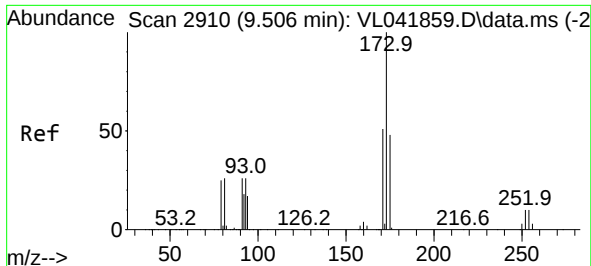
Tgt Ion: 129 Resp: 5465

Ion Ratio Lower Upper

129 100

127 145.8 39.4 118.1#

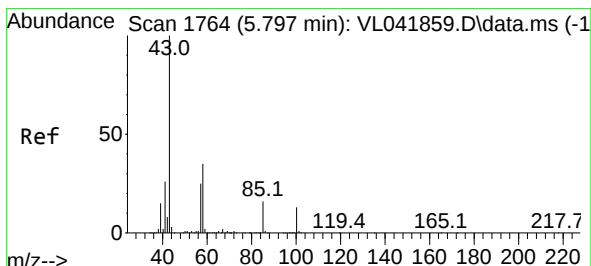
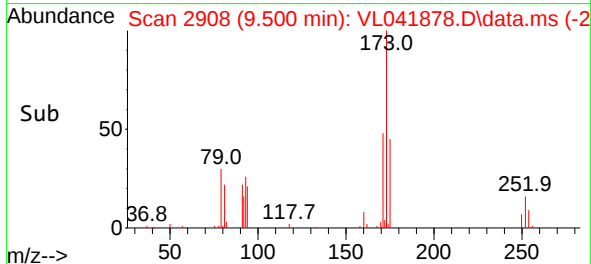
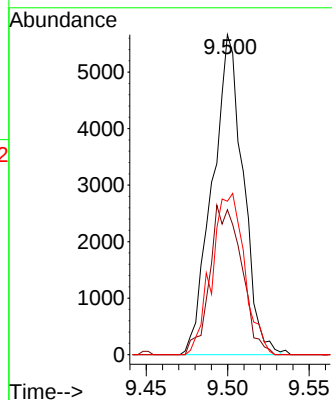
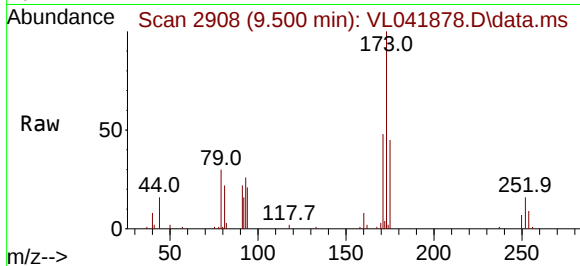




#49
Bromoform
Concen: 0.347 ppbv
RT: 9.500 min Scan# 2910
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

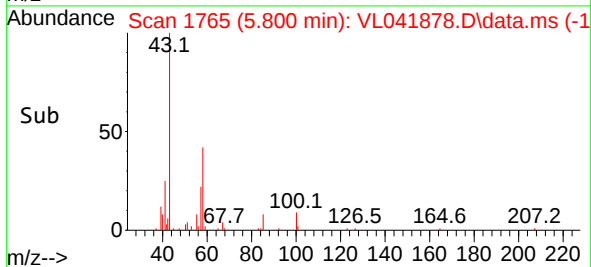
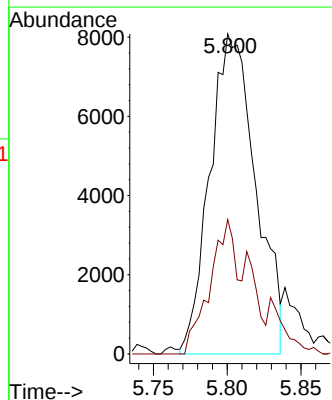
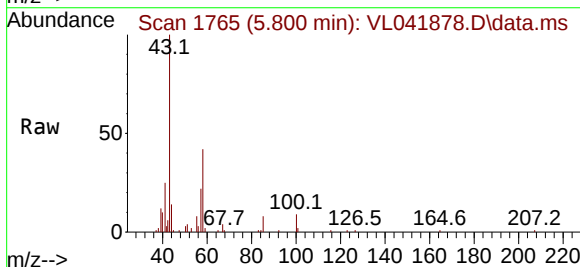
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

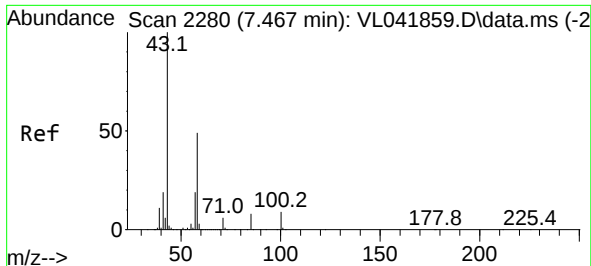
Tgt Ion:173 Resp: 7434
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.2
171 53.5 41.3 61.9



#50
4-Methyl-2-Pentanone
Concen: 0.395 ppbv
RT: 5.800 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 43 Resp: 17508
Ion Ratio Lower Upper
43 100
58 40.5 29.4 44.2

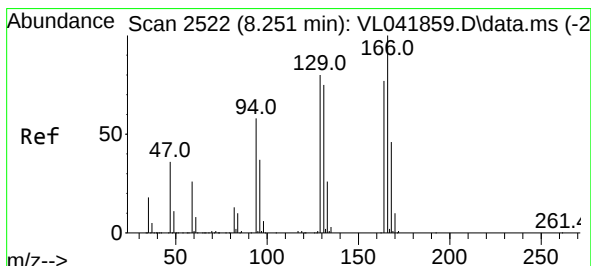
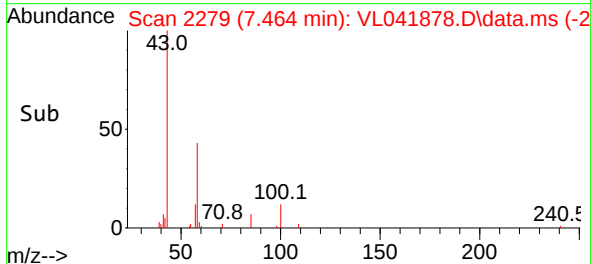
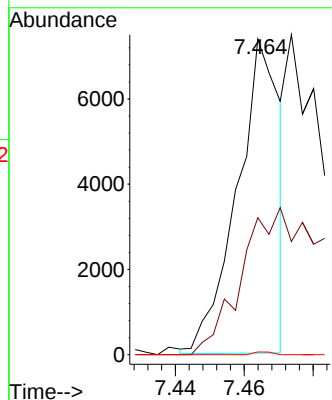
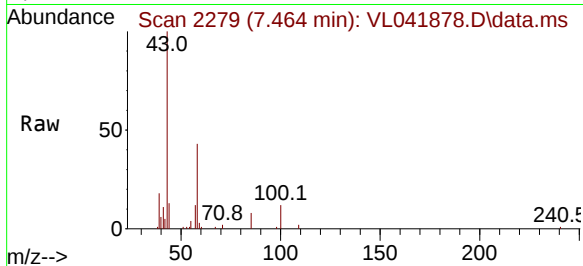




#51
2-Hexanone
Concen: 0.173 ppbv
RT: 7.464 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

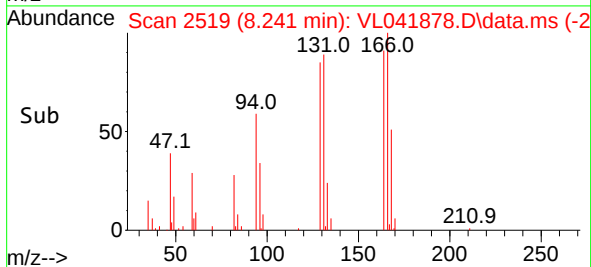
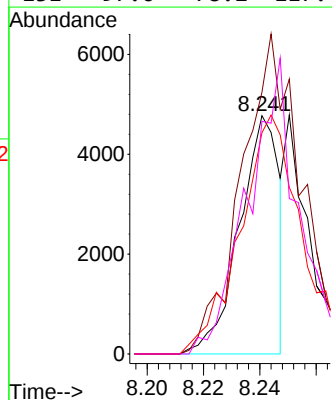
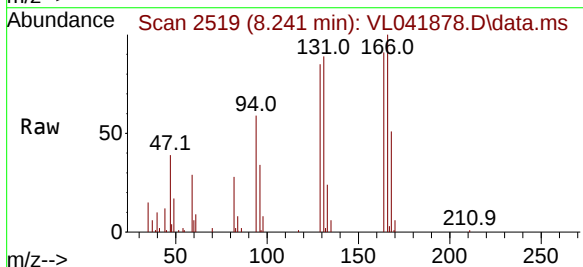
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

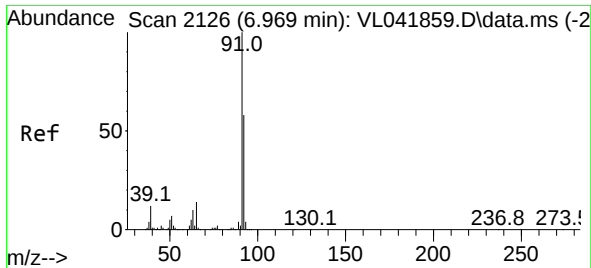
Tgt Ion: 43 Resp: 6309
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.282 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 164 Resp: 4676
Ion Ratio Lower Upper
164 100
166 109.9 103.6 155.4
129 92.9 82.6 123.8
131 97.6 78.2 117.4

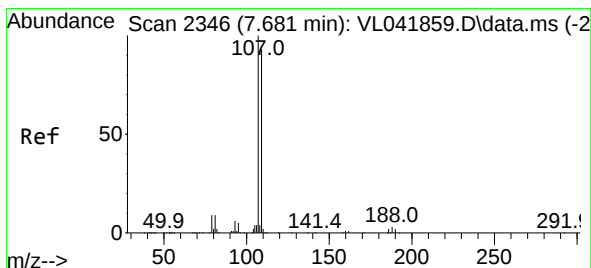
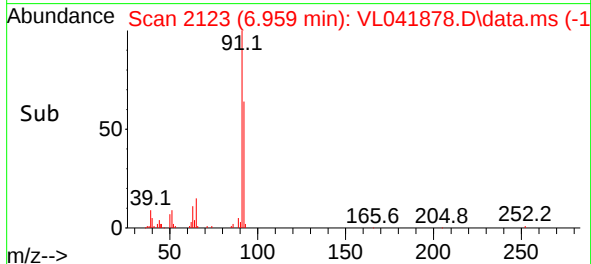
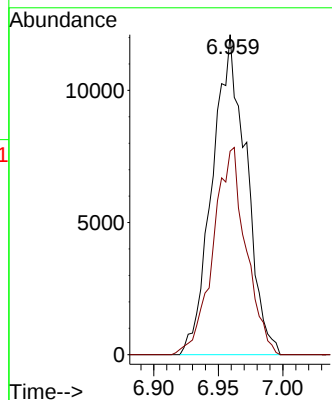
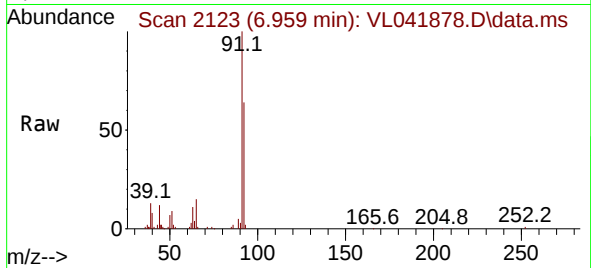




#53
Toluene
Concen: 0.429 ppbv
RT: 6.959 min Scan# 2126
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

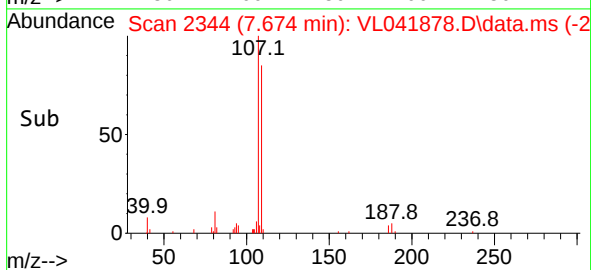
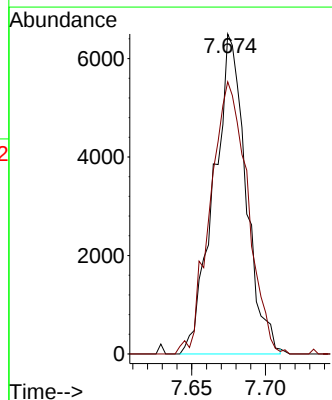
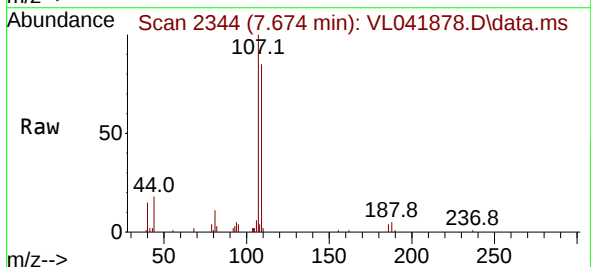
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

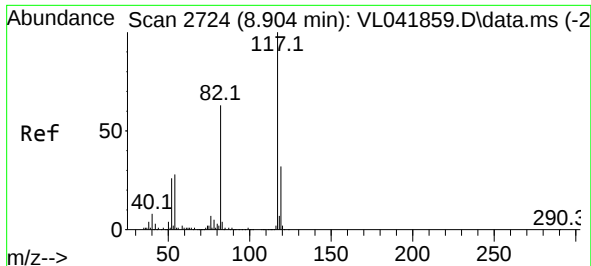
Tgt Ion: 91 Resp: 22124
Ion Ratio Lower Upper
91 100
92 62.5 47.2 70.8



#54
1,2-Dibromoethane
Concen: 0.447 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 107 Resp: 9847
Ion Ratio Lower Upper
107 100
109 84.3 74.6 112.0

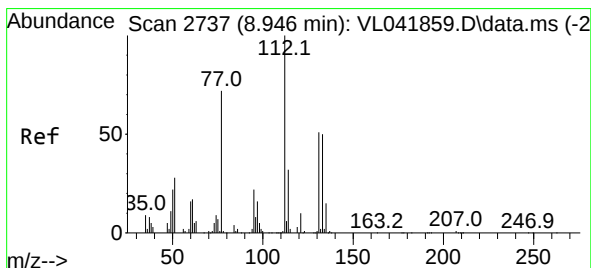
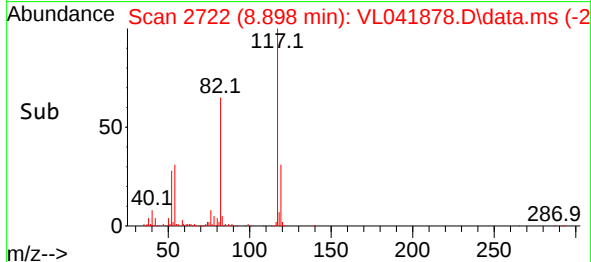
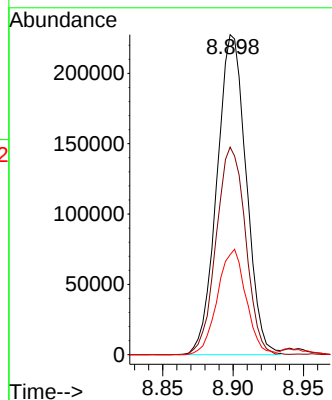
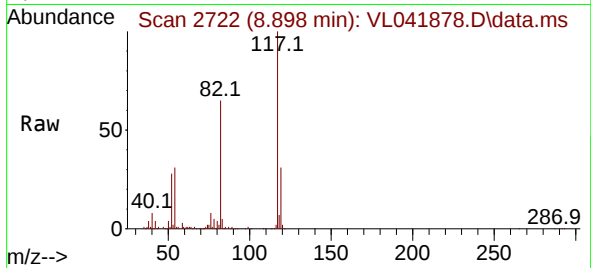




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

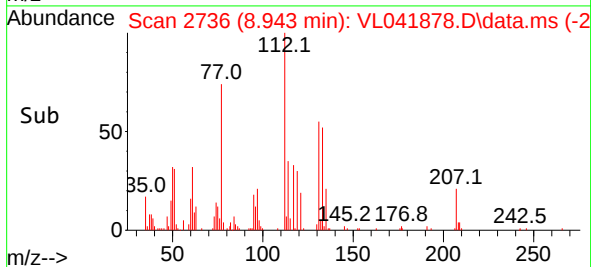
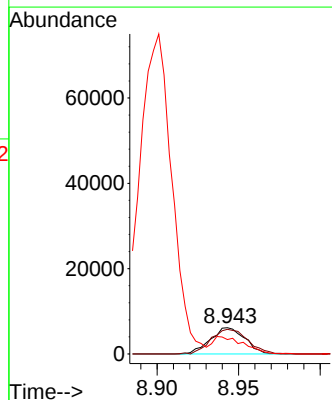
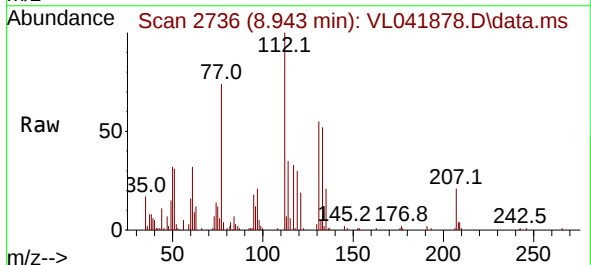
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

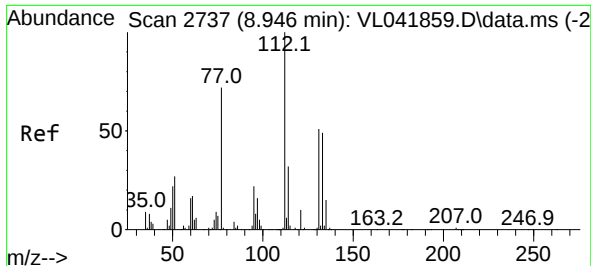
Tgt Ion:117 Resp: 329798
Ion Ratio Lower Upper
117 100
82 65.3 54.5 81.7
119 33.6 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.459 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion:131 Resp: 9018
Ion Ratio Lower Upper
131 100
133 101.3 77.4 116.2
119 1230.1 49.4 74.0#

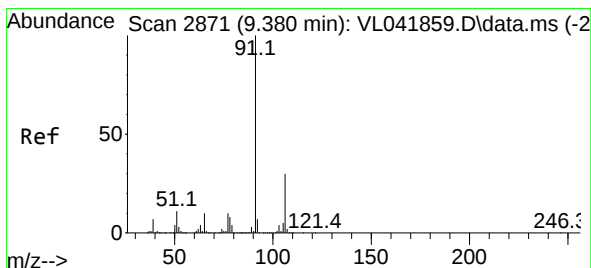
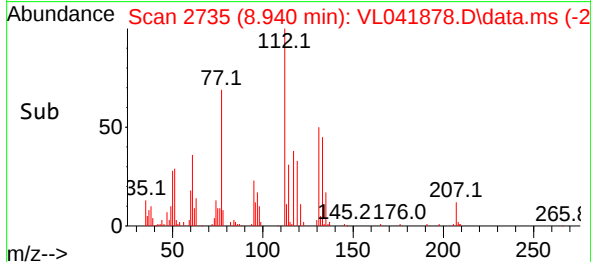
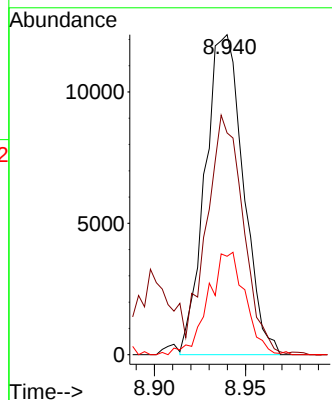
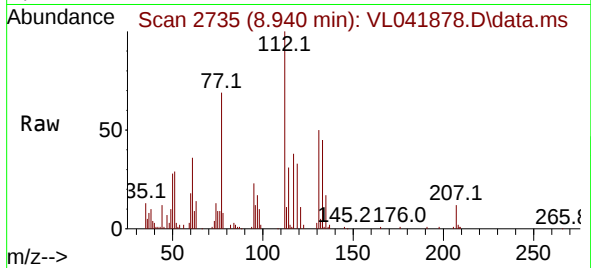




#57
Chlorobenzene
Concen: 0.483 ppbv
RT: 8.940 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

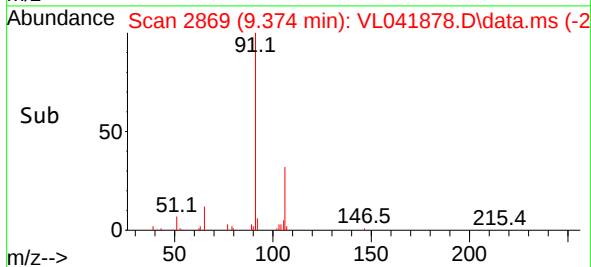
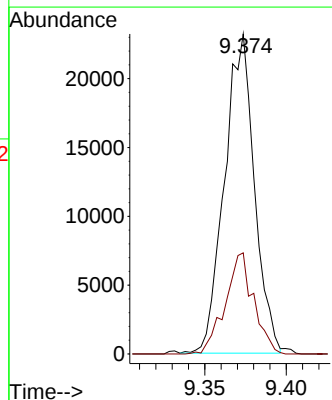
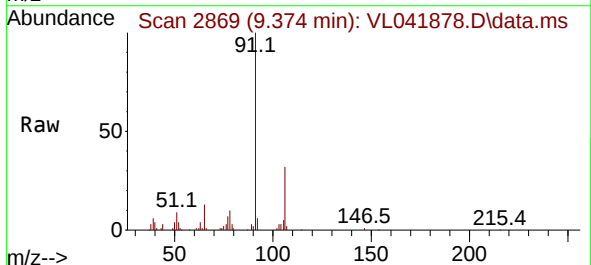
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

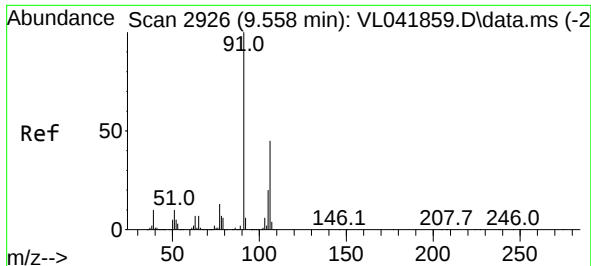
Tgt Ion:112 Resp: 17769
Ion Ratio Lower Upper
112 100
77 68.4 58.3 87.5
114 30.4 28.9 35.3



#58
Ethyl Benzene
Concen: 0.435 ppbv
RT: 9.374 min Scan# 2869
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 91 Resp: 29529
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.2





#59

m/p-Xylene

Concen: 0.177 ppbv

RT: 9.555 min Scan# 2926

Delta R.T. -0.003 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

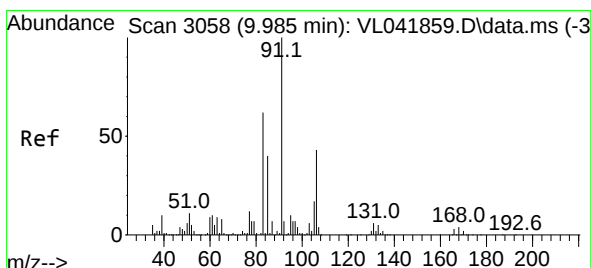
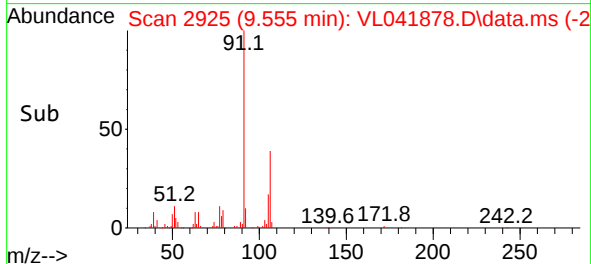
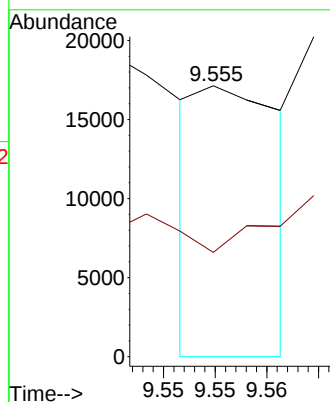
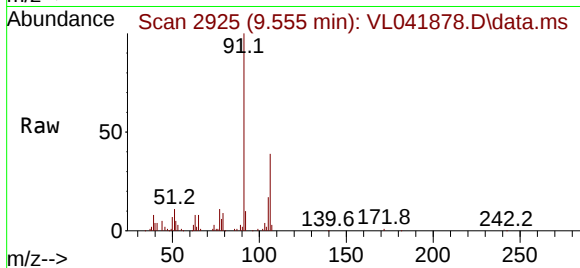
MDL 0.4

Tgt Ion: 91 Resp: 9495

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 0.453 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. -0.007 min

Lab File: VL041878.D

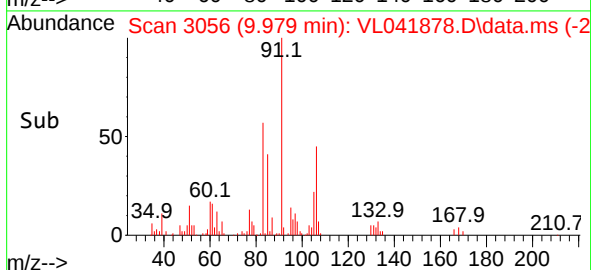
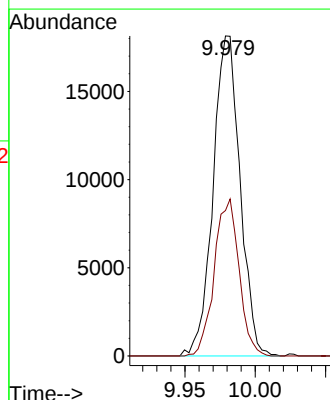
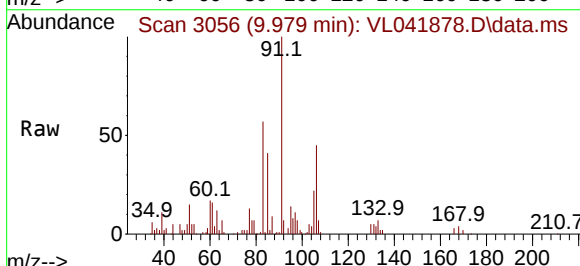
Acq: 09 Jan 2025 21:46

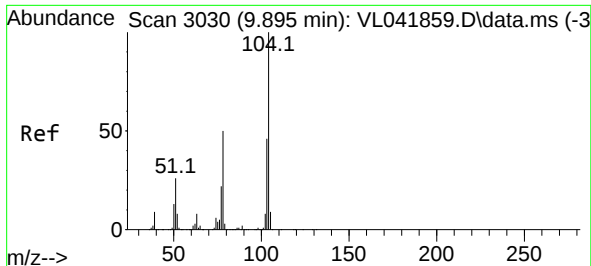
Tgt Ion: 91 Resp: 24191

Ion Ratio Lower Upper

91 100

106 44.9 21.4 64.3

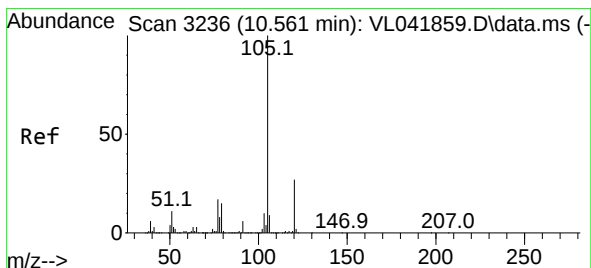
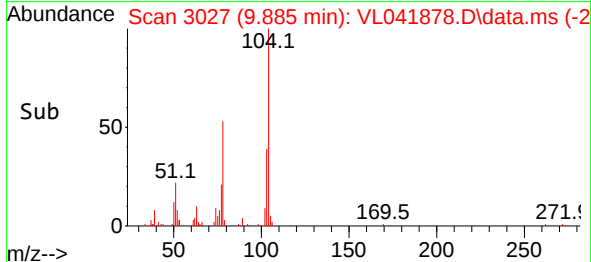
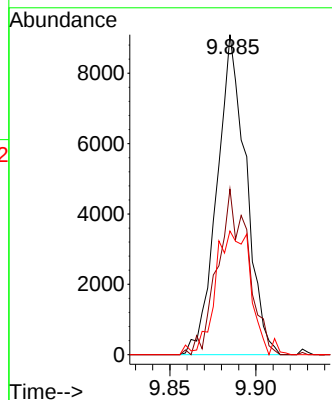
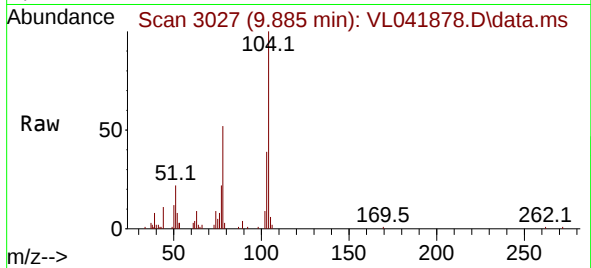




#61
Styrene
Concen: 0.400 ppbv
RT: 9.885 min Scan# 3030
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

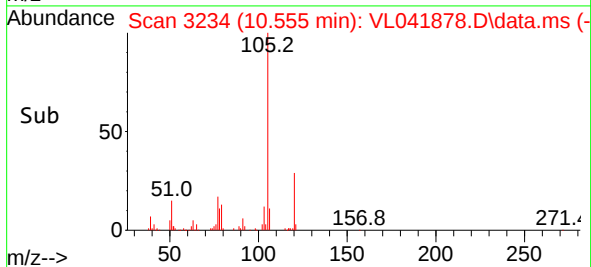
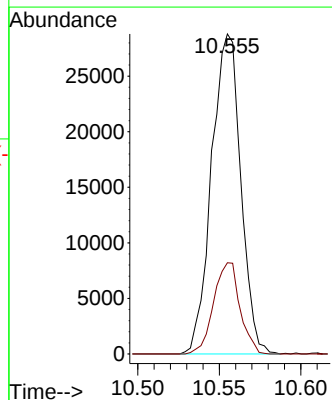
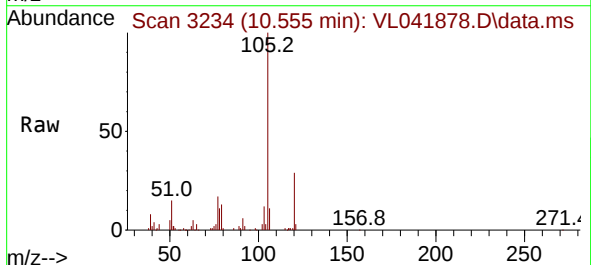
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

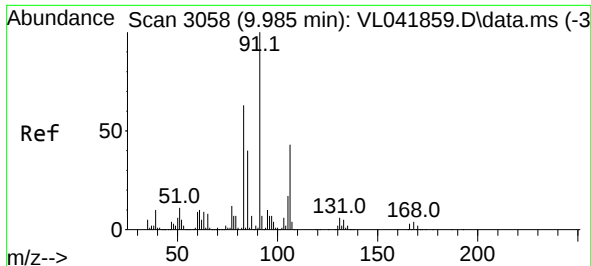
Tgt Ion:104 Resp: 10684
Ion Ratio Lower Upper
104 100
78 54.5 40.7 61.1
103 47.4 37.0 55.6



#62
Isopropylbenzene
Concen: 0.446 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion:105 Resp: 35856
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5

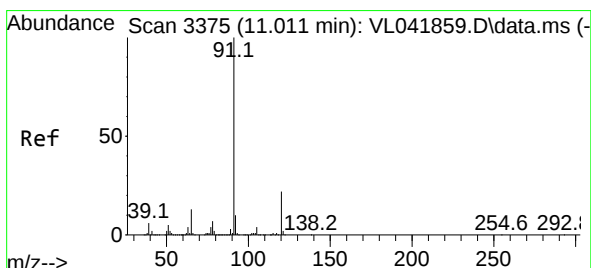
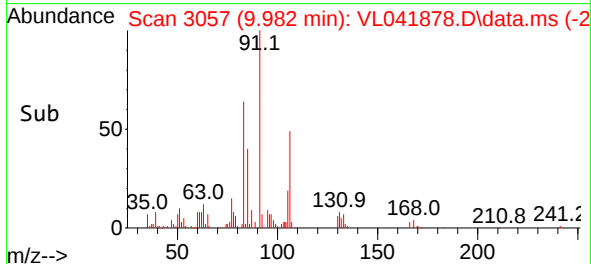
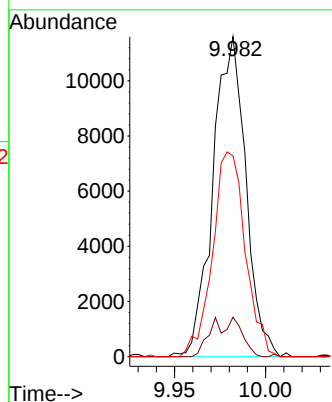
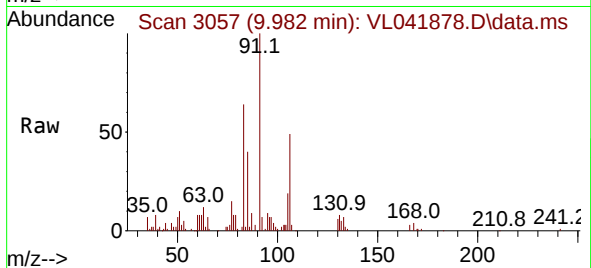




#63
1,1,2,2-Tetrachloroethane
Concen: 0.451 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

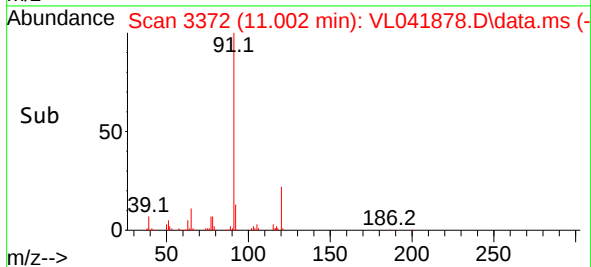
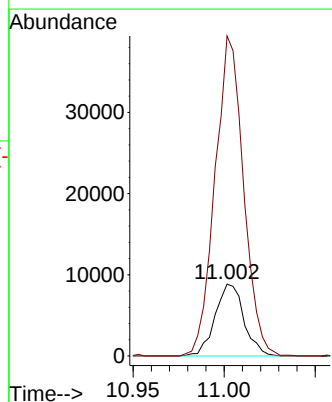
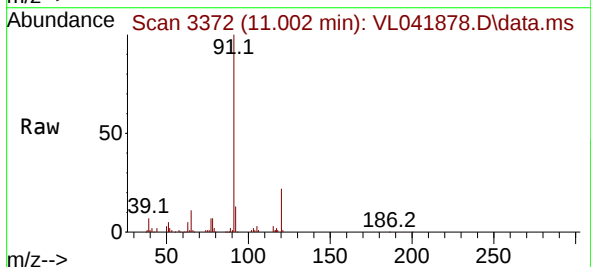
Instrument : MSVOA_L
ClientSampleId : MDL 0.4

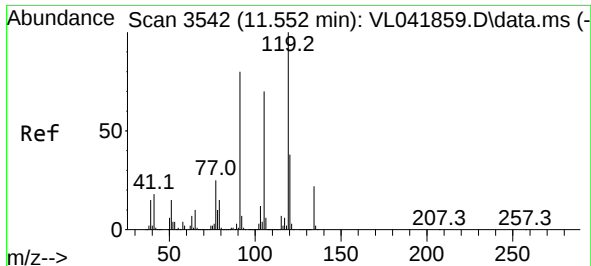
Tgt Ion: 83 Resp: 14487
Ion Ratio Lower Upper
83 100
131 11.2 4.8 14.3
85 64.2 32.1 96.3



#64
n-propylbenzene
Concen: 0.463 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 120 Resp: 9714
Ion Ratio Lower Upper
120 100
91 441.8 376.9 565.3

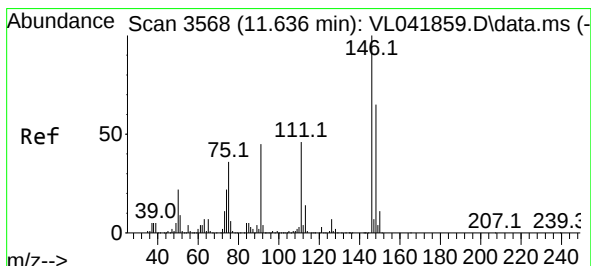
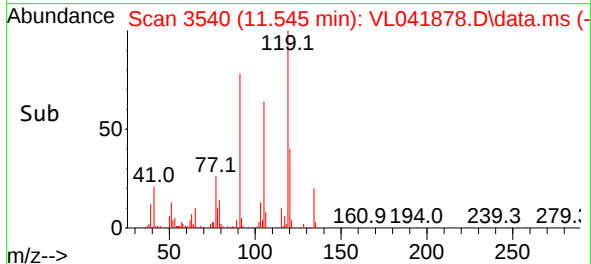
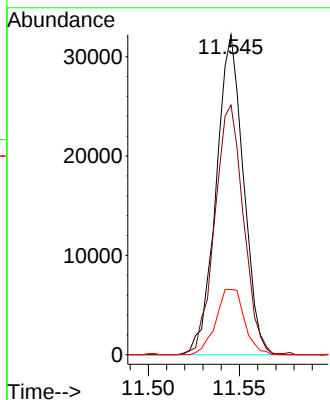
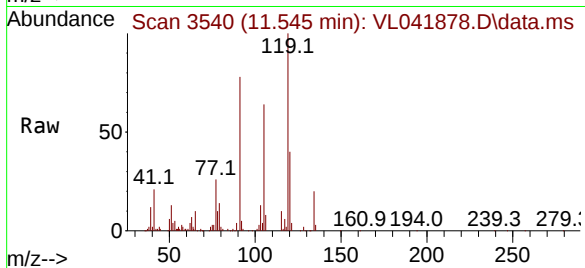




#65
tert-Butylbenzene
Concen: 0.460 ppbv
RT: 11.545 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

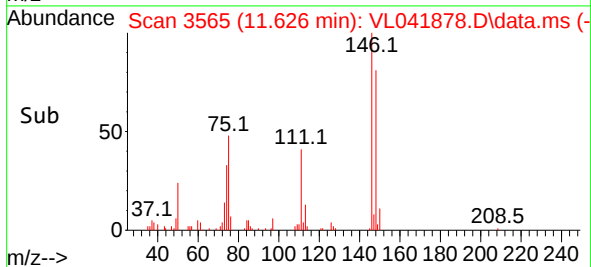
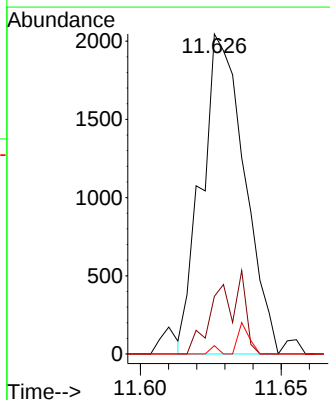
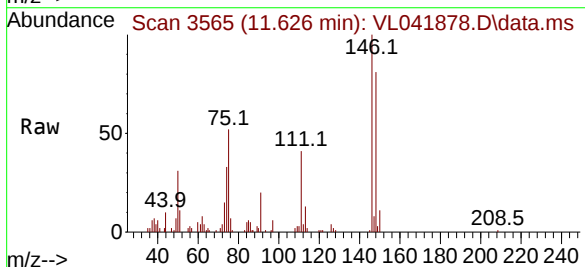
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

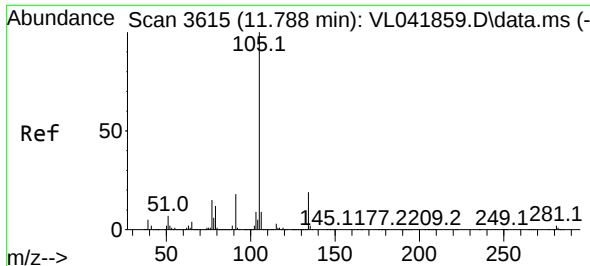
Tgt Ion:119 Resp: 33528
Ion Ratio Lower Upper
119 100
91 82.2 64.6 97.0
134 21.5 16.9 25.3



#66
Benzyl Chloride
Concen: 0.287 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.010 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion: 91 Resp: 2168
Ion Ratio Lower Upper
91 100
126 16.7 13.9 20.9
128 0.0 4.8 7.2#

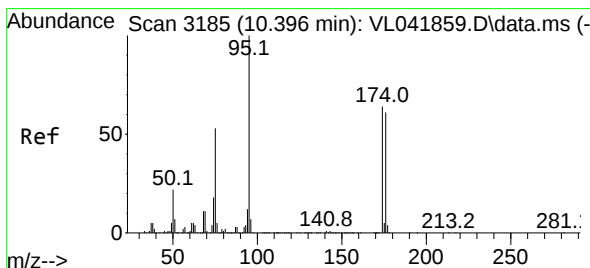
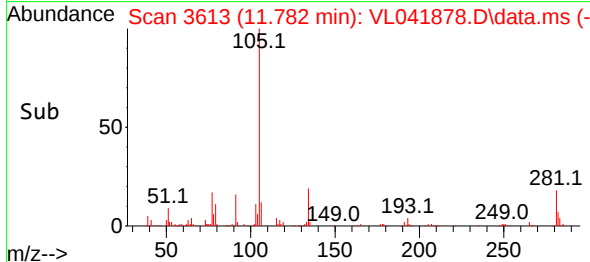
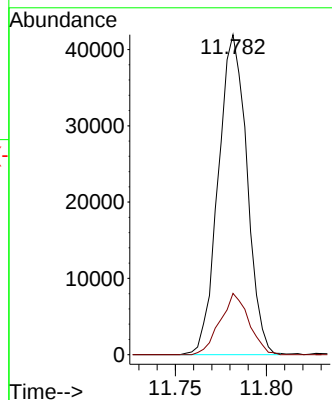
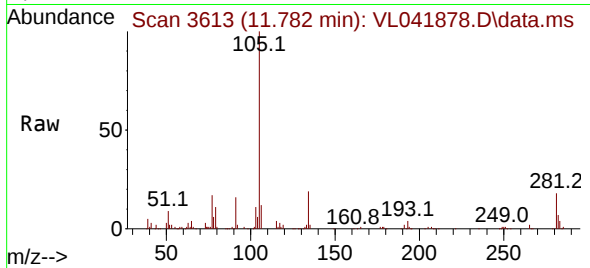




#67
 sec-Butylbenzene
 Concen: 0.457 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. -0.007 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

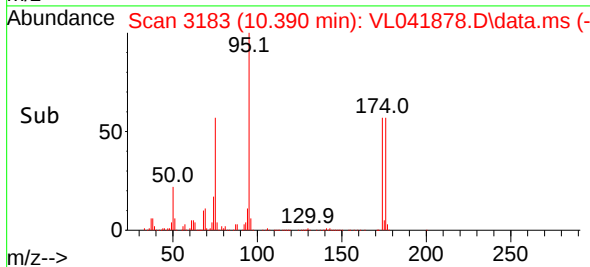
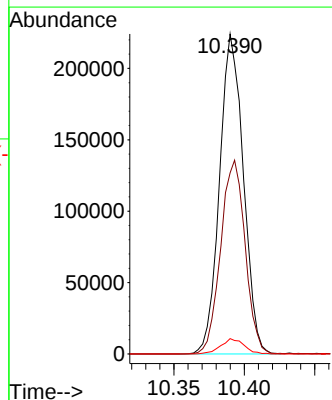
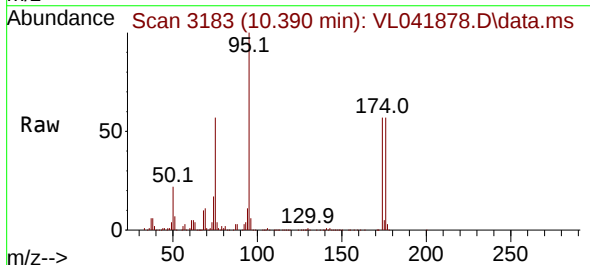
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

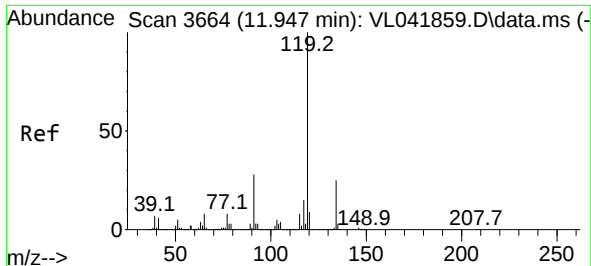
Tgt Ion:105 Resp: 45883
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.968 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.007 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

Tgt Ion: 95 Resp: 263593
 Ion Ratio Lower Upper
 95 100
 174 62.4 51.1 76.7
 175 4.7 3.8 5.8

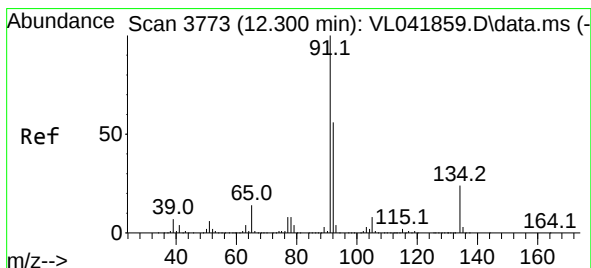
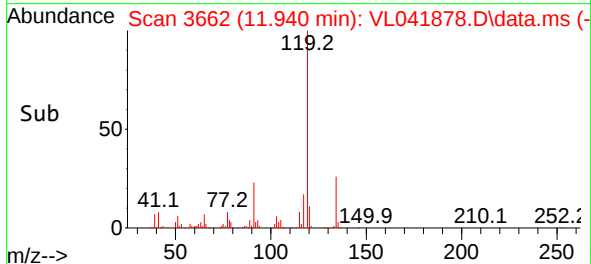
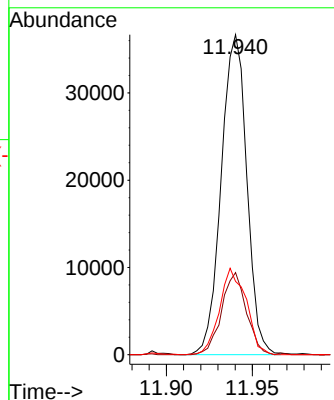
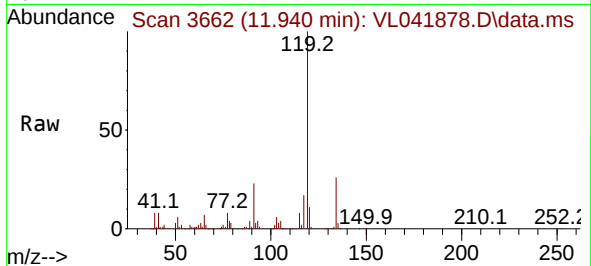




#69
 p-Isopropyltoluene
 Concen: 0.443 ppbv
 RT: 11.940 min Scan# 3662
 Delta R.T. -0.007 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

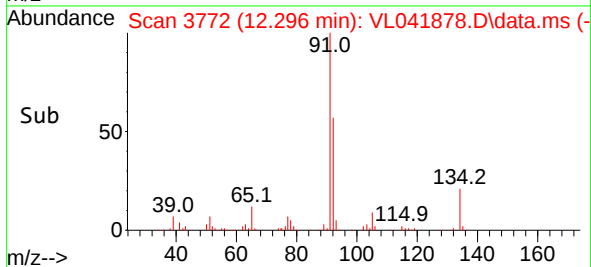
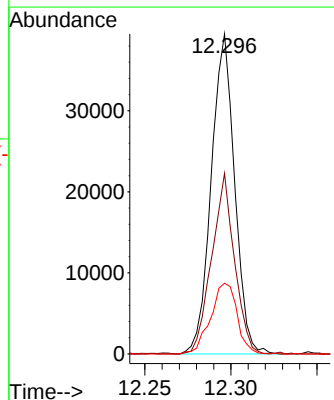
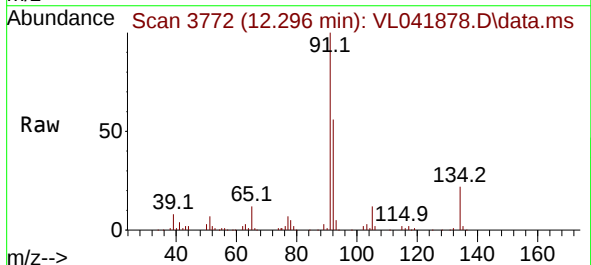
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4

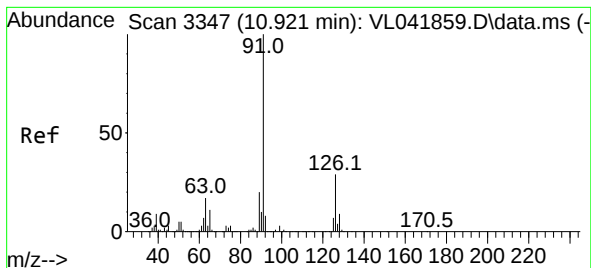
Tgt Ion:119 Resp: 37916
 Ion Ratio Lower Upper
 119 100
 134 25.0 20.3 30.5
 91 28.4 22.6 34.0



#70
 n-Butylbenzene
 Concen: 0.434 ppbv
 RT: 12.296 min Scan# 3772
 Delta R.T. -0.003 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

Tgt Ion: 91 Resp: 37329
 Ion Ratio Lower Upper
 91 100
 92 55.1 43.8 65.8
 134 25.1 19.3 28.9





#71

2-Chlorotoluene

Concen: 0.456 ppbv

RT: 10.914 min Scan# 31

Delta R.T. -0.007 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

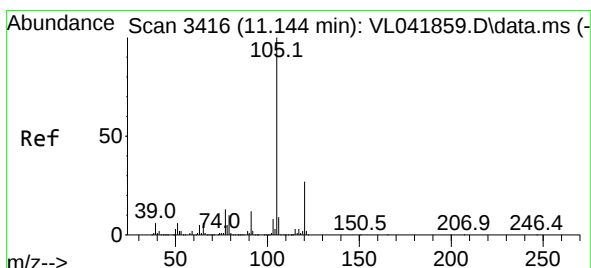
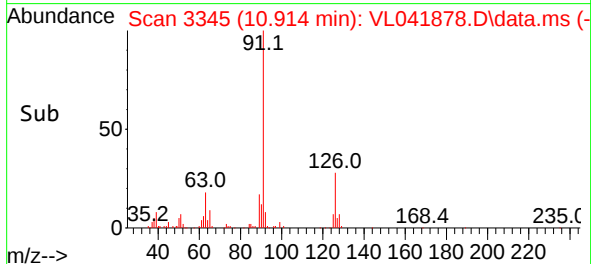
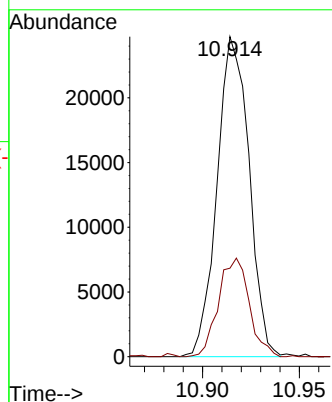
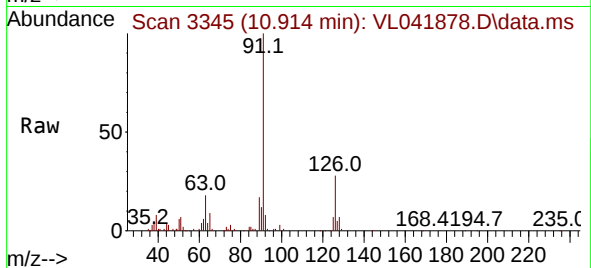
MDL 0.4

Tgt Ion: 91 Resp: 28380

Ion Ratio Lower Upper

91 100

126 29.6 11.6 46.6



#72

4-Ethyltoluene

Concen: 0.444 ppbv

RT: 11.141 min Scan# 3415

Delta R.T. -0.003 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Tgt Ion: 105 Resp: 29119

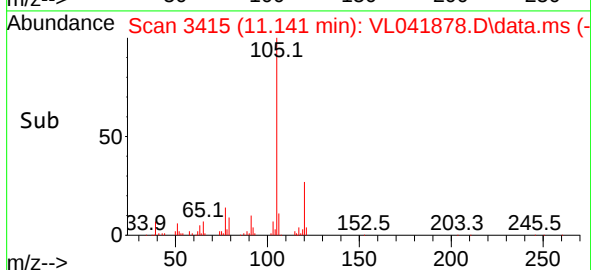
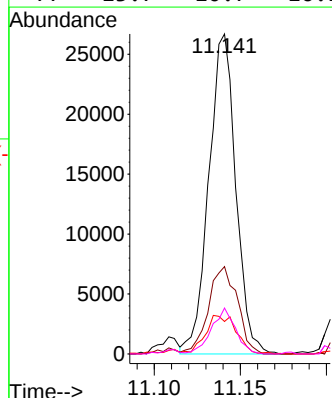
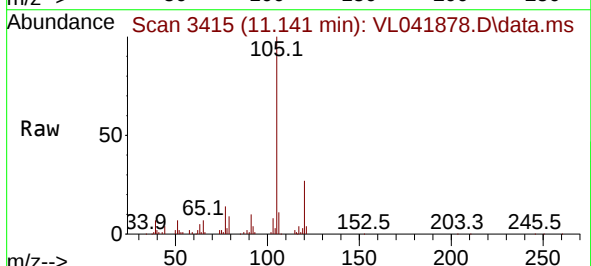
Ion Ratio Lower Upper

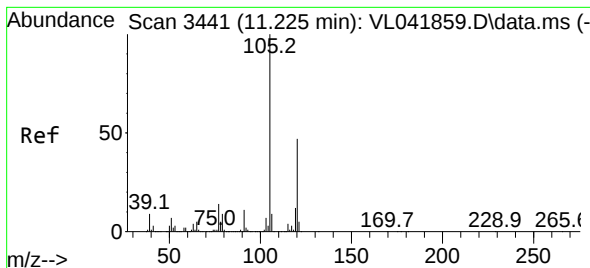
105 100

120 30.4 23.5 35.3

91 15.0 9.8 14.8#

77 13.7 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.438 ppbv

RT: 11.215 min Scan# 3441

Delta R.T. -0.010 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Instrument :

MSVOA_L

ClientSampleId :

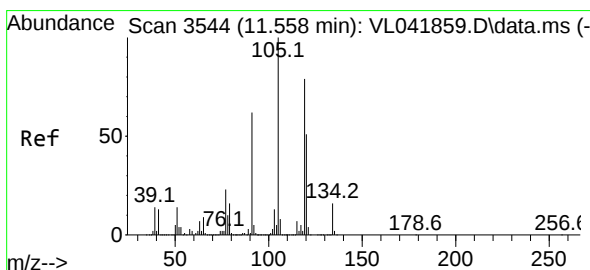
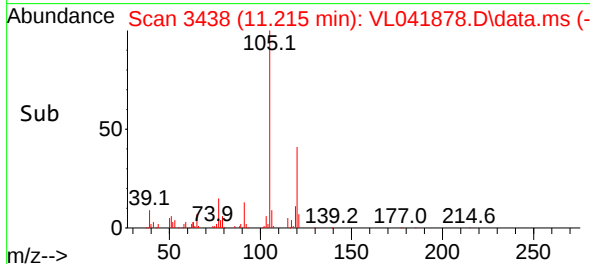
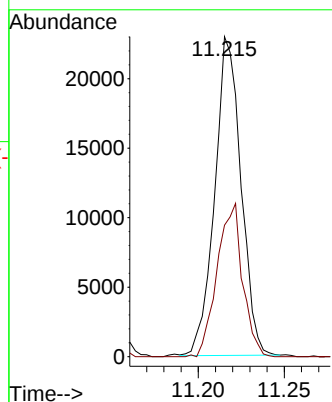
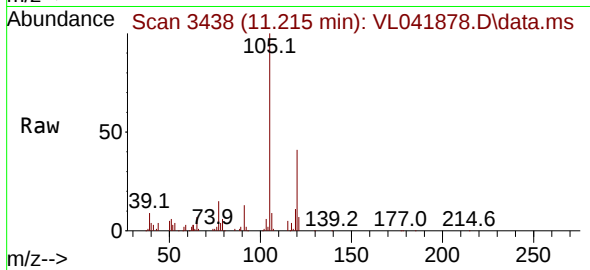
MDL 0.4

Tgt Ion:105 Resp: 24361

Ion Ratio Lower Upper

105 100

120 41.3 37.2 55.8



#74

1,2,4-Trimethylbenzene

Concen: 0.431 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. -0.010 min

Lab File: VL041878.D

Acq: 09 Jan 2025 21:46

Tgt Ion:105 Resp: 26021

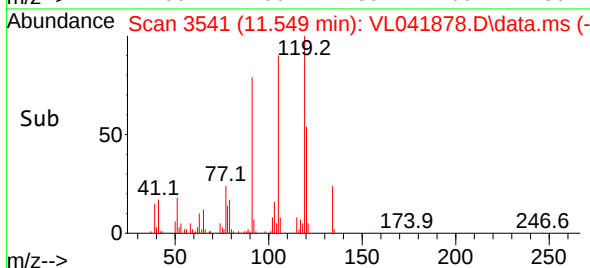
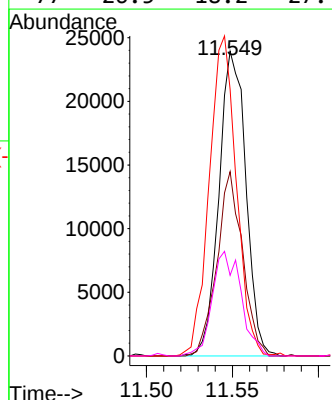
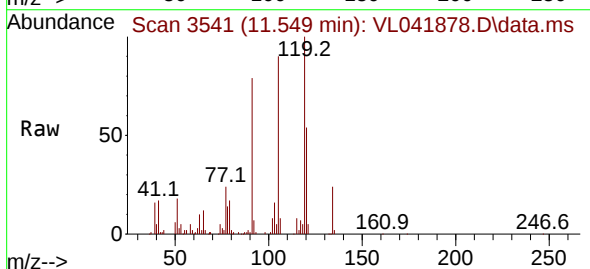
Ion Ratio Lower Upper

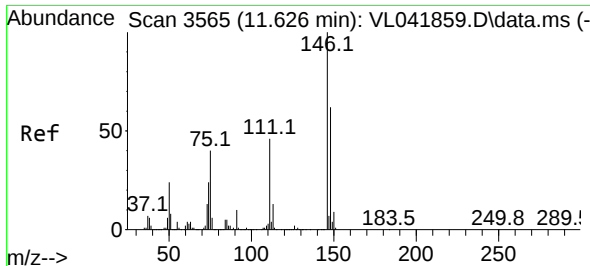
105 100

120 60.5 41.1 61.7

91 87.1 50.0 75.0#

77 26.5 18.2 27.4

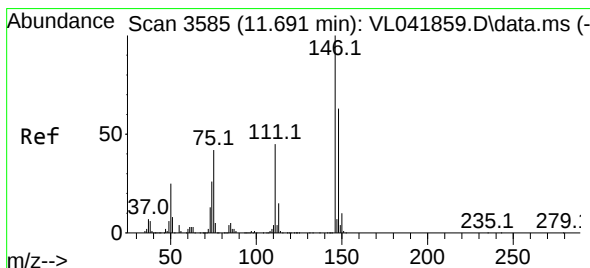
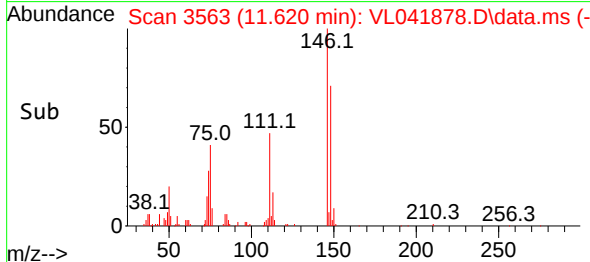
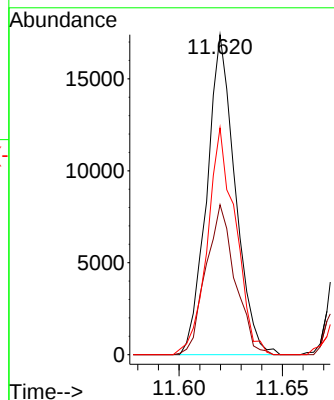
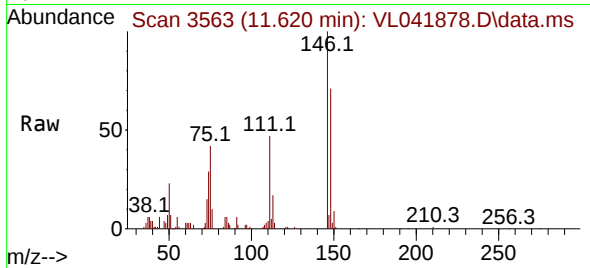




#75
1,3-Dichlorobenzene
Concen: 0.457 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

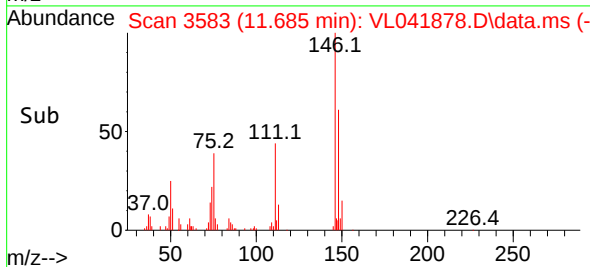
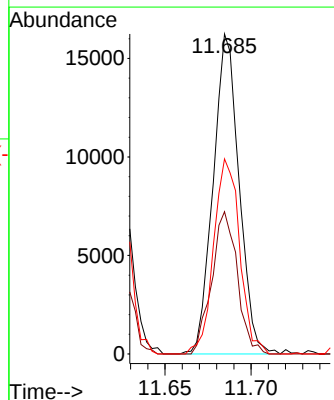
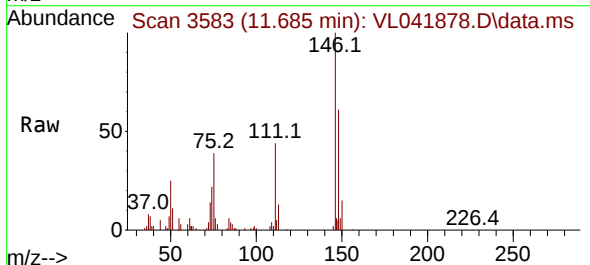
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.4

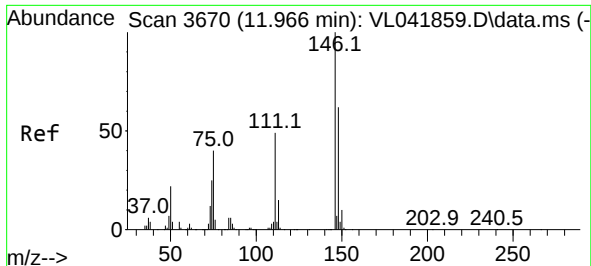
Tgt Ion:146 Resp: 16575
Ion Ratio Lower Upper
146 100
111 48.4 23.2 69.5
148 70.4 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 0.474 ppbv
RT: 11.685 min Scan# 3583
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion:146 Resp: 16999
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.1
148 61.3 31.2 93.6

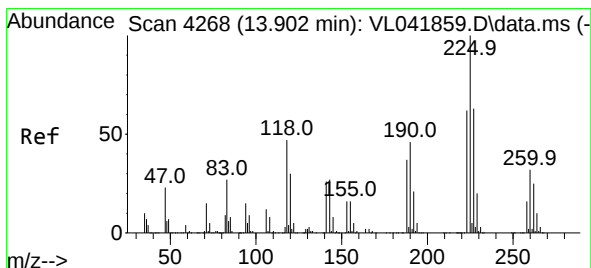
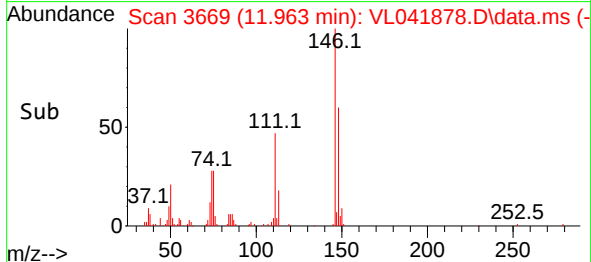
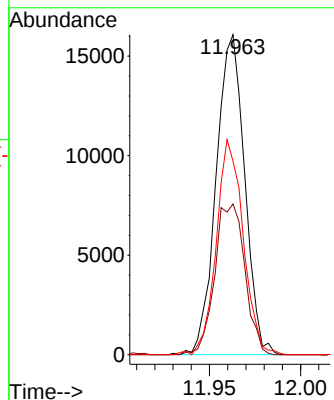
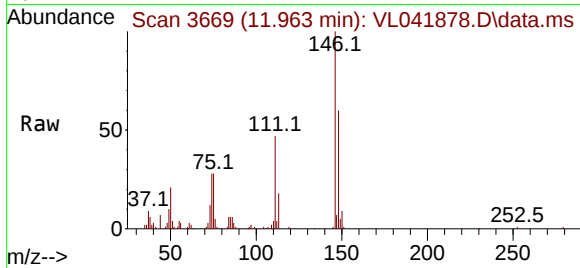




#77
1,2-Dichlorobenzene
Concen: 0.510 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

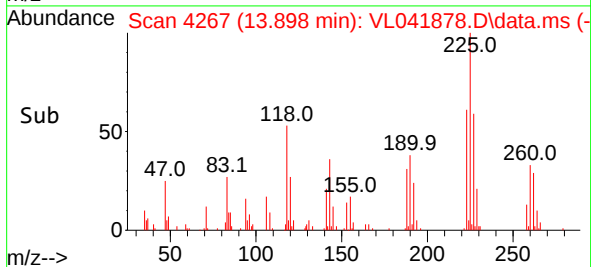
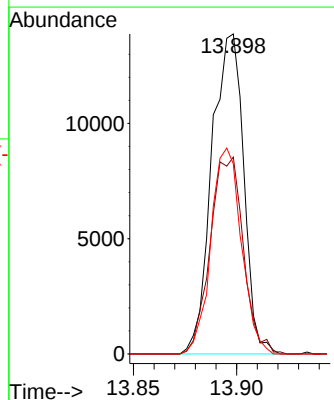
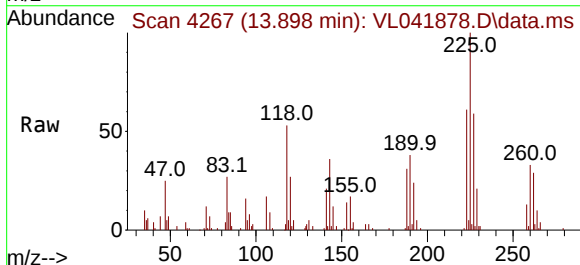
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

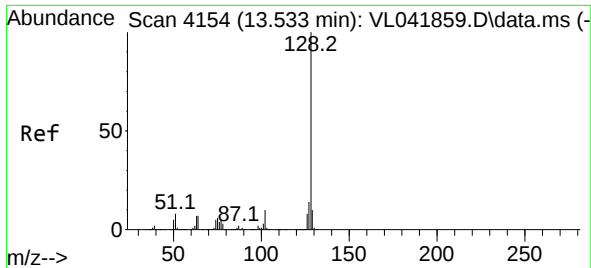
Tgt Ion:146 Resp: 17456
Ion Ratio Lower Upper
146 100
111 50.1 24.1 72.3
148 63.5 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.504 ppbv
RT: 13.898 min Scan# 4267
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

Tgt Ion:225 Resp: 14849
Ion Ratio Lower Upper
225 100
223 64.1 50.6 75.8
227 61.8 50.9 76.3

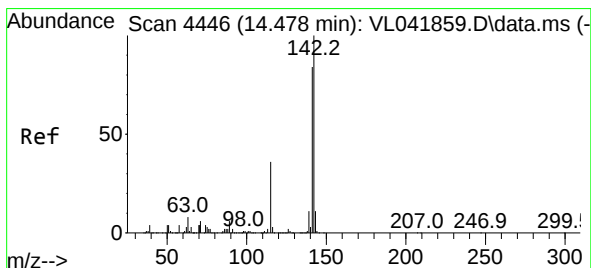
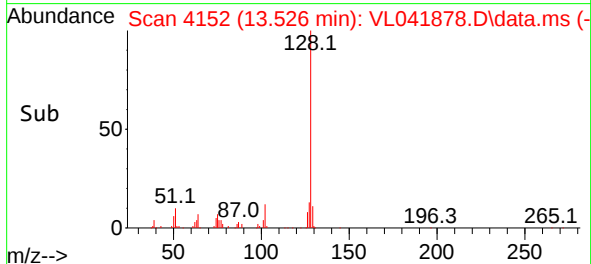
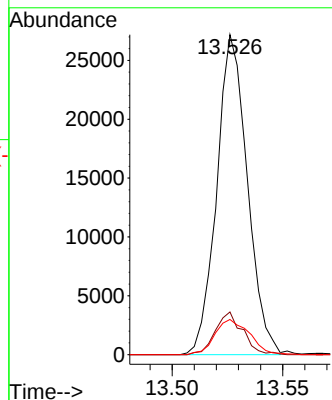
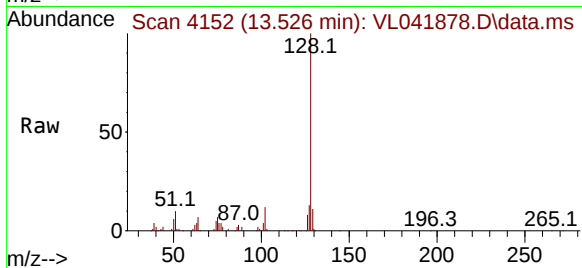




#79
Naphthalene
Concen: 0.402 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. -0.007 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

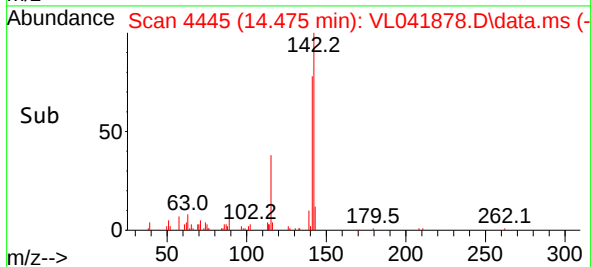
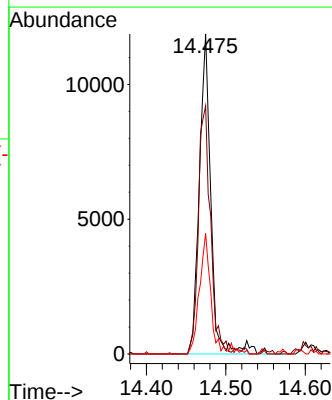
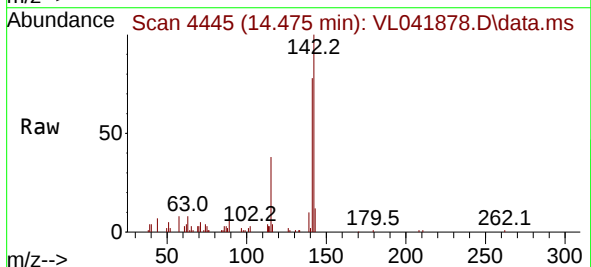
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

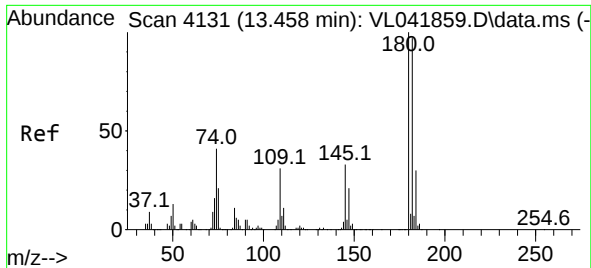
Tgt Ion:128 Resp: 26169
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.0 8.2 12.4



#80
Naphthalene,2-methyl-
Concen: 0.342 ppbv
RT: 14.475 min Scan# 4445
Delta R.T. -0.003 min
Lab File: VL041878.D
Acq: 09 Jan 2025 21:46

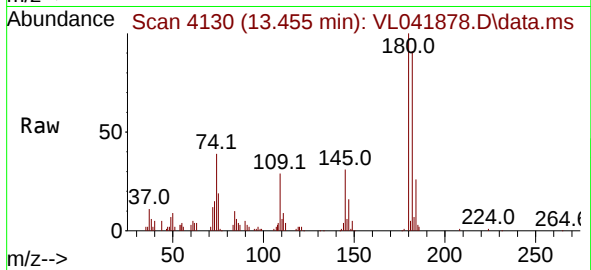
Tgt Ion:142 Resp: 12018
Ion Ratio Lower Upper
142 100
141 83.0 68.2 102.4
115 38.0 29.4 44.2





#81
 1,2,4-Trichlorobenzene
 Concen: 0.469 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041878.D
 Acq: 09 Jan 2025 21:46

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.4



Tgt Ion:	180	Resp:	14529
Ion Ratio	Lower	Upper	
180	100		
182	93.3	75.8	113.8
184	29.9	24.1	36.1

