

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041884.D
 Acq On : 10 Jan 2025 00:47
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

Quant Time: Jan 10 03:14:31 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	115559	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	332956	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	294802	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	239551	10.134	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	1253	0.066	ppbv	91
3) Chlorodifluoromethane	1.483	51	1005	0.048	ppbv	98
4) Chloromethane	1.538	50	651	0.088	ppbv #	45
5) Vinyl Chloride	1.583	62	426	0.054	ppbv #	66
6) Bromomethane	1.674	94	327	0.088	ppbv #	46
7) Chloroethane	1.716	64	150	0.049	ppbv #	46
8) Dichlorotetrafluoroethane	1.560	85	919	0.056	ppbv	95
9) Propene	1.175	41	65	0.007	ppbv	92
10) Heptane	5.007	43	267	0.010	ppbv #	1
11) Trichlorofluoromethane	1.887	101	966	0.050	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.149	101	803	0.051	ppbv	98
13) Ethanol	1.897	45	2103	3.405	ppbv #	29
14) Bromoethene	1.790	108	241	0.043	ppbv #	19
15) Acetone	1.845	43	4194	0.215	ppbv	94
16) 1,3-Butadiene	1.615	39	779	0.093	ppbv	99
17) tert-Butyl alcohol	2.055	59	954	0.043	ppbv #	49
18) 1,1-Dichloroethene	2.043	96	388	0.054	ppbv #	50
19) Isopropyl Alcohol	1.897	45	2103	0.205	ppbv #	36
20) Methylene Chloride	2.072	84	1597	0.240	ppbv #	91
21) Allyl Chloride	2.107	41	929	0.074	ppbv #	1
22) trans-1,2-Dichloroethene	2.353	96	363	0.044	ppbv #	32
23) Vinyl Acetate	2.476	43	606	0.061	ppbv #	77
24) 1,1-Dichloroethane	2.418	63	849	0.054	ppbv #	88
25) Ethyl Acetate	2.861	43	1412	0.029	ppbv #	69
26) Hexane	2.839	57	895	0.045	ppbv #	1
27) Carbon Disulfide	2.156	76	467	0.024	ppbv #	1
28) Methyl tert-Butyl Ether	2.457	73	528	0.035	ppbv #	1
29) Chloroform	2.865	83	882	0.032	ppbv #	33
30) Cyclohexane	3.874	84	579	0.034	ppbv #	52
31) cis-1,2-Dichloroethene	2.735	61	674	0.035	ppbv	85
32) 1,1,1-Trichloroethane	3.386	97	264	0.010	ppbv #	1
34) 2-Butanone	2.573	43	914	0.033	ppbv #	52
35) Carbon Tetrachloride	3.784	117	645	0.025	ppbv #	64
36) Benzene	3.674	78	1553	0.040	ppbv #	88
37) 1,2-Dichloroethane	3.237	62	713	0.035	ppbv #	80
38) Trichloroethene	4.564	130	207	0.014	ppbv #	54
39) 1,2-Dichloropropane	3.981	63	85237	6.203	ppbv #	24
40) 1,4-Dioxane	4.596	88	64	0.009	ppbv #	42
41) Tetrahydrofuran	3.072	42	21	0.001	ppbv #	37
42) Bromodichloromethane	4.519	83	177	0.006	ppbv #	37
43) Methyl Methacrylate	4.917	69	253	0.016	ppbv #	1
44) 2,2,4-Trimethylpentane	4.674	57	785	0.012	ppbv #	16
45) t-1,3-Dichloropropene	6.441	75	48	0.003	ppbv #	45

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 MDL 0.03

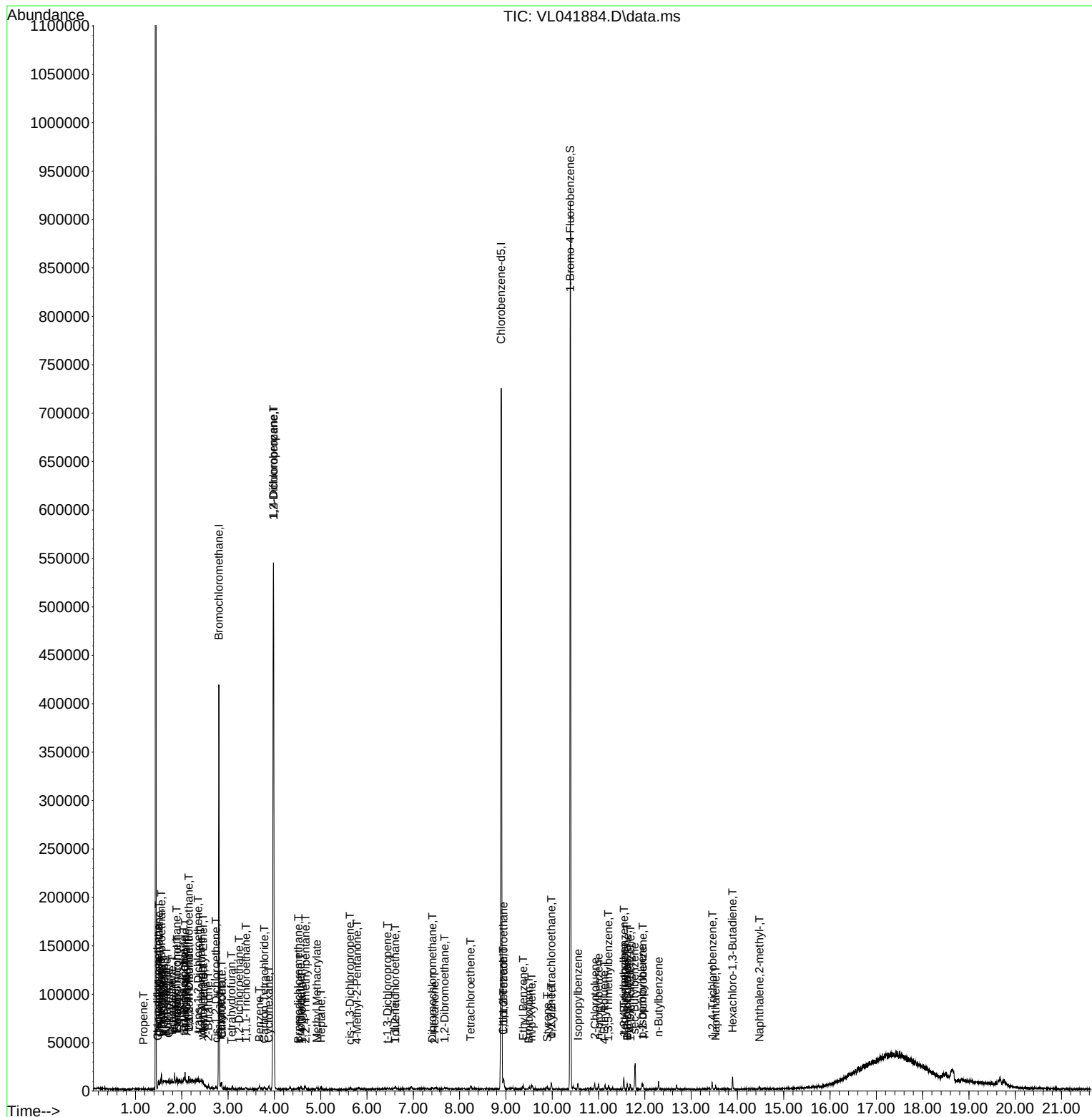
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

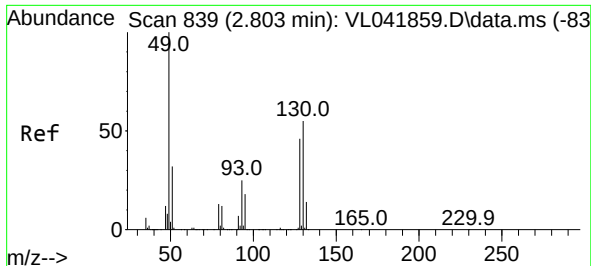
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.632	75	237	0.011	ppbv	#	31
47) 1,1,2-Trichloroethane	6.609	97	119	0.008	ppbv	#	51
48) Dibromochloromethane	7.409	129	539	0.025	ppbv		55
49) Bromoform	9.493	173	199	0.010	ppbv	#	28
50) 4-Methyl-2-Pentanone	5.784	43	86	0.002	ppbv	#	38
51) 2-Hexanone	7.457	43	47	0.001	ppbv	#	28
52) Tetrachloroethene	8.237	164	228	0.015	ppbv	#	52
53) Toluene	6.606	91	50	0.001	ppbv		85
54) 1,2-Dibromoethane	7.674	107	683	0.035	ppbv		94
56) 1,1,1,2-Tetrachloroethane	8.946	131	631	0.036	ppbv	#	21
57) Chlorobenzene	8.940	112	892	0.027	ppbv	#	34
58) Ethyl Benzene	9.374	91	834	0.014	ppbv		94
59) m/p-Xylene	9.552	91	428	0.009	ppbv	#	100
60) o-Xylene	9.979	91	1469	0.031	ppbv		77
61) Styrene	9.891	104	636	0.027	ppbv	#	64
62) Isopropylbenzene	10.558	105	932	0.013	ppbv	#	44
63) 1,1,2,2-Tetrachloroethane	9.979	83	899	0.031	ppbv	#	78
64) n-propylbenzene	11.002	120	531	0.028	ppbv		87
65) tert-Butylbenzene	11.549	119	2047	0.031	ppbv		92
66) Benzyl Chloride	11.626	91	54	0.008	ppbv	#	66
67) sec-Butylbenzene	11.775	105	2771	0.031	ppbv	#	57
69) p-Isopropyltoluene	11.943	119	846	0.011	ppbv	#	29
70) n-Butylbenzene	12.296	91	2007	0.026	ppbv	#	73
71) 2-Chlorotoluene	10.921	91	1007	0.018	ppbv		80
72) 4-Ethyltoluene	11.125	105	61	0.001	ppbv	#	1
73) 1,3,5-Trimethylbenzene	11.212	105	1456	0.029	ppbv	#	53
74) 1,2,4-Trimethylbenzene	11.552	105	1027	0.019	ppbv	#	70
75) 1,3-Dichlorobenzene	11.620	146	818	0.025	ppbv	#	43
76) 1,4-Dichlorobenzene	11.688	146	1294	0.040	ppbv		91
77) 1,2-Dichlorobenzene	11.960	146	1059	0.035	ppbv		79
78) Hexachloro-1,3-Butadiene	13.892	225	1273	0.048	ppbv		85
79) Naphthalene	13.529	128	1336	0.023	ppbv	#	82
80) Naphthalene,2-methyl-	14.474	142	969	0.031	ppbv	#	82
81) 1,2,4-Trichlorobenzene	13.458	180	1206	0.044	ppbv		95

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

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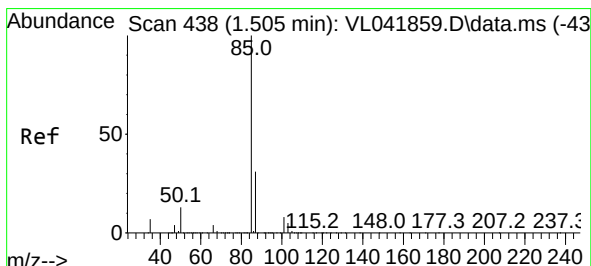
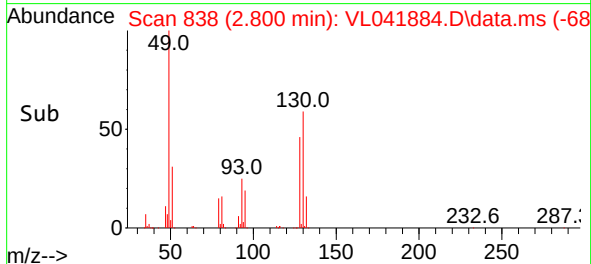
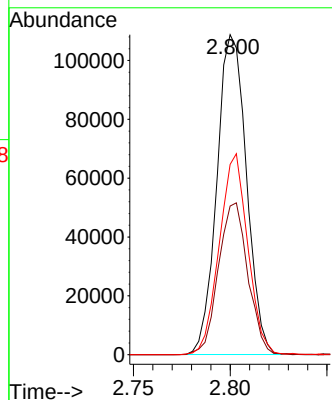
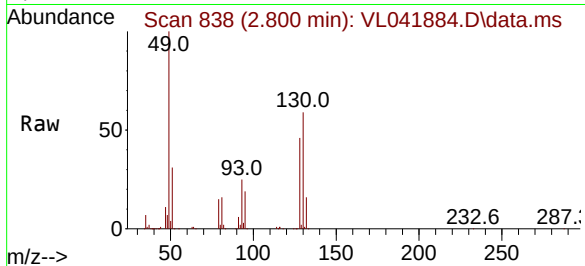




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

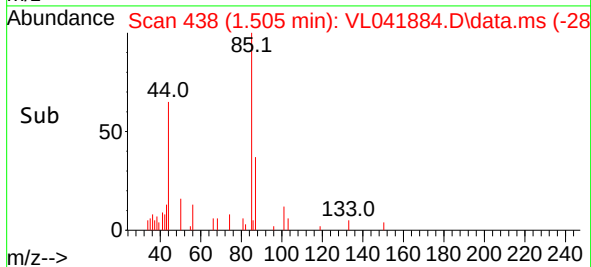
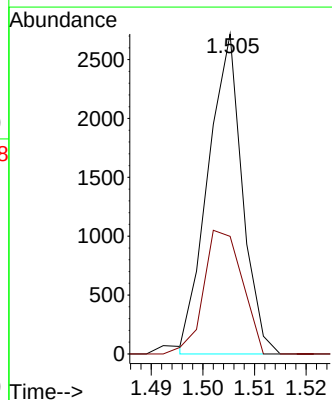
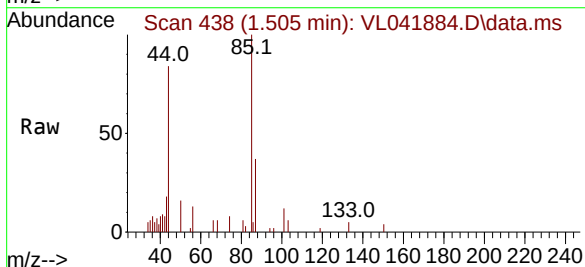
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

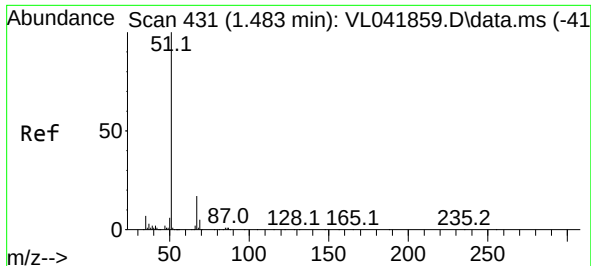
Tgt Ion: 49 Resp: 115559
Ion Ratio Lower Upper
49 100
128 47.3 23.2 69.5
130 60.7 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.066 ppbv
RT: 1.505 min Scan# 438
Delta R.T. -0.000 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 85 Resp: 1253
Ion Ratio Lower Upper
85 100
87 36.8 25.2 37.8

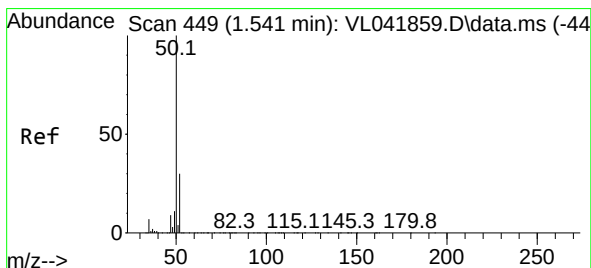
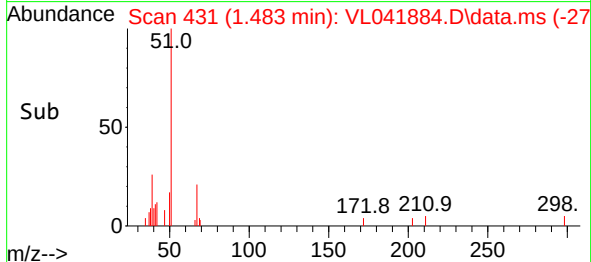
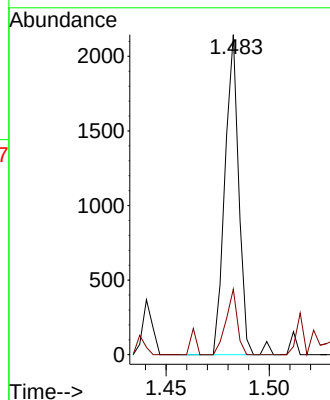
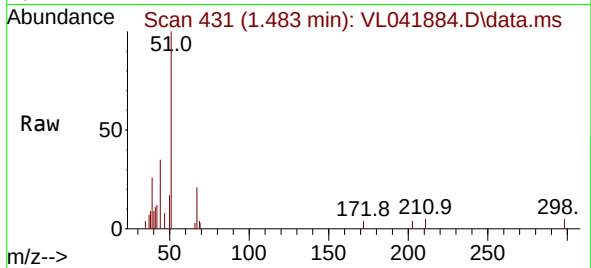




#3
Chlorodifluoromethane
Concen: 0.048 ppbv
RT: 1.483 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

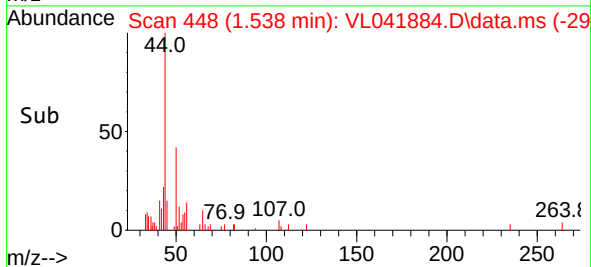
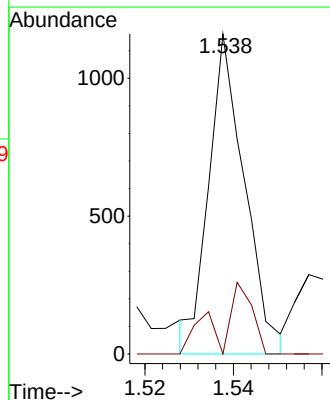
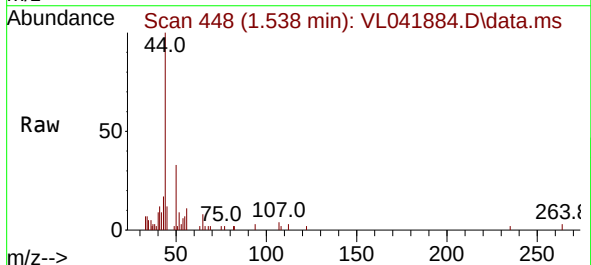
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

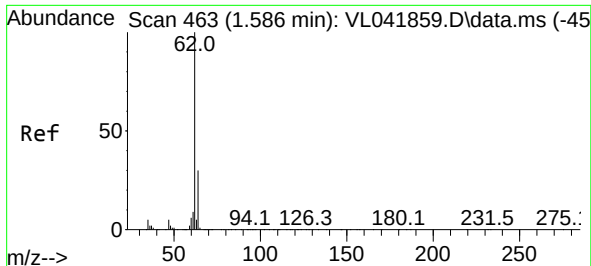
Tgt Ion: 51 Resp: 1005
Ion Ratio Lower Upper
51 100
67 16.6 13.8 20.8



#4
Chloromethane
Concen: 0.088 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 50 Resp: 651
Ion Ratio Lower Upper
50 100
52 0.0 23.9 35.9#

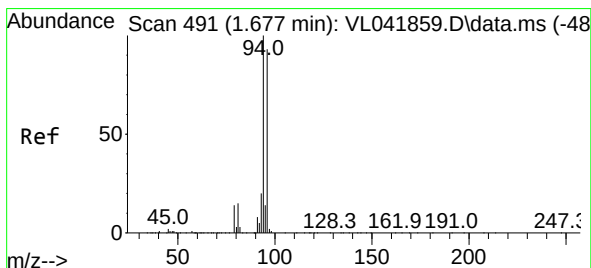
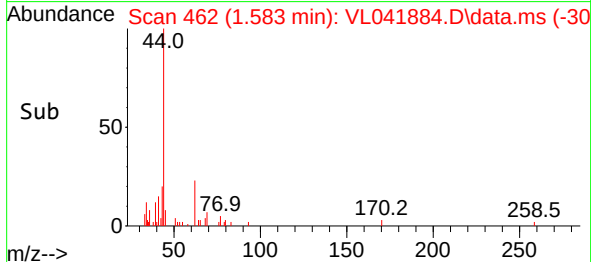
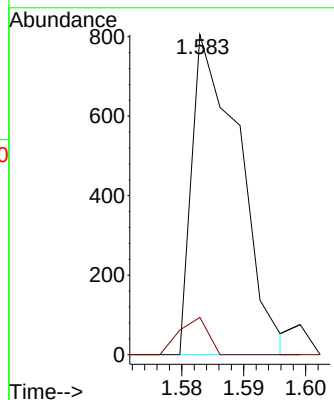
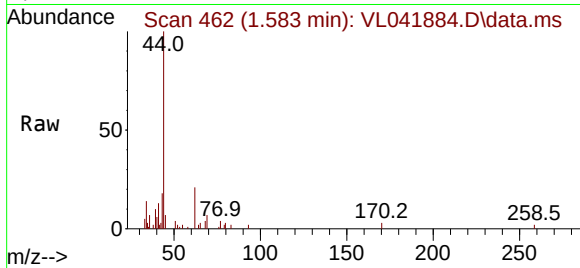




#5
 Vinyl Chloride
 Concen: 0.054 ppbv
 RT: 1.583 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

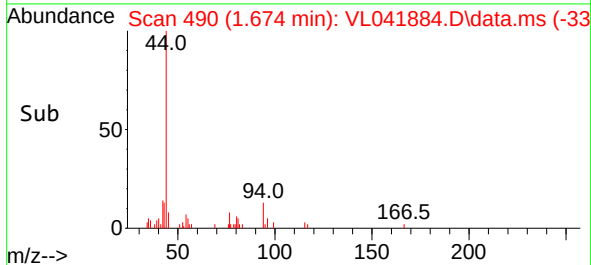
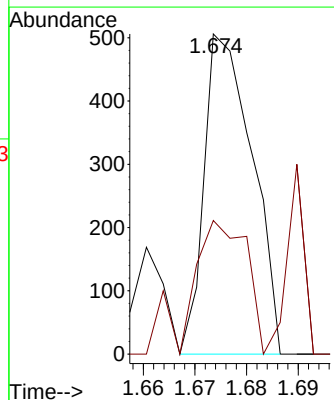
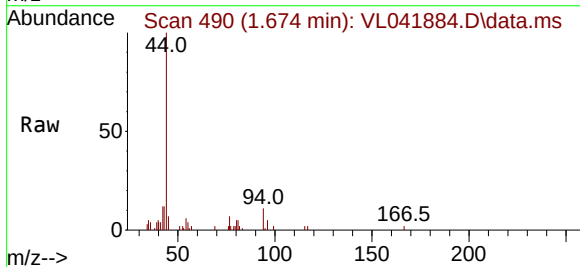
Instrument :
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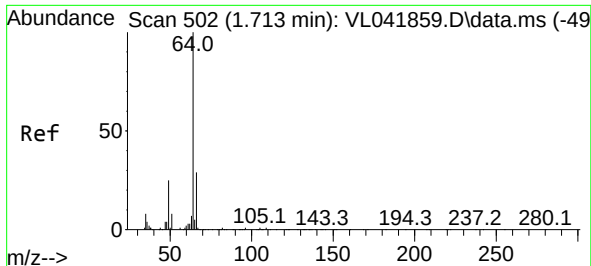
Tgt Ion: 62 Resp: 426
 Ion Ratio Lower Upper
 62 100
 64 11.7 24.1 36.1#



#6
 Bromomethane
 Concen: 0.088 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

Tgt Ion: 94 Resp: 327
 Ion Ratio Lower Upper
 94 100
 96 41.7 74.8 112.2#

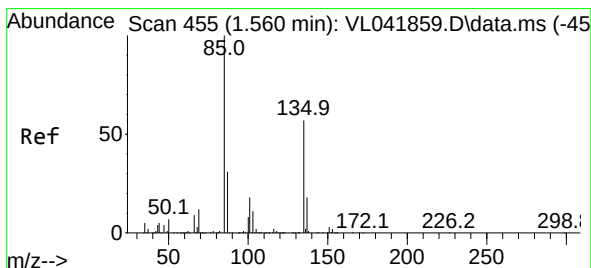
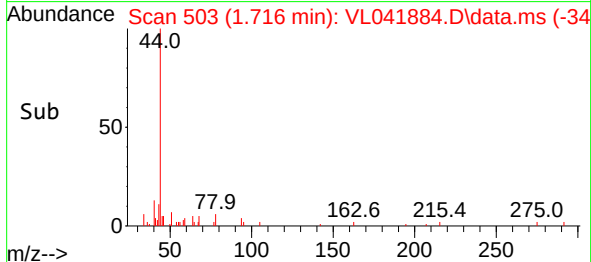
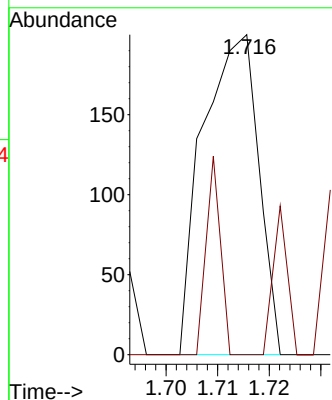
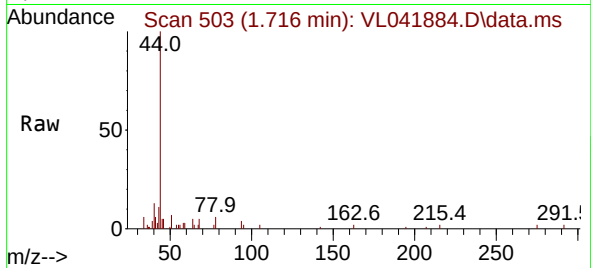




#7
Chloroethane
Concen: 0.049 ppbv
RT: 1.716 min Scan# 502
Delta R.T. 0.003 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

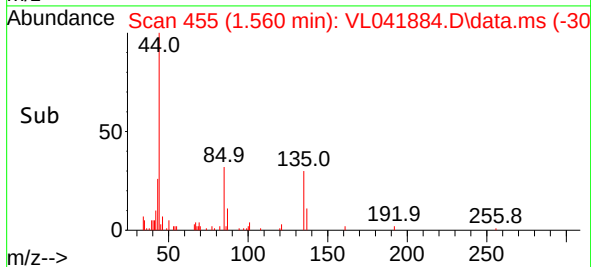
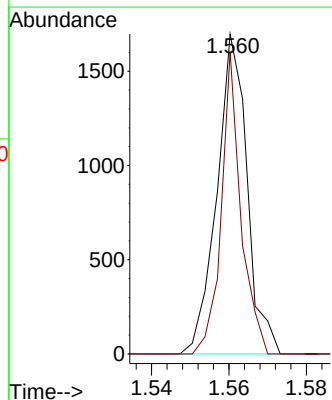
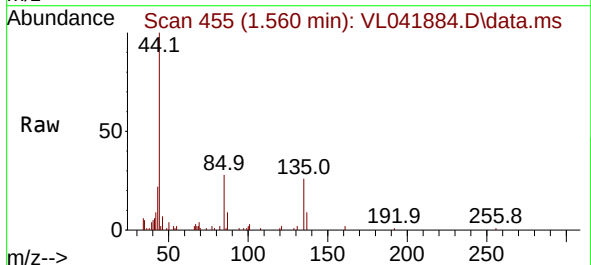
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MDL 0.03

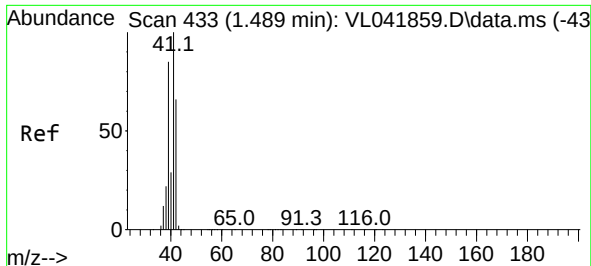
Tgt Ion: 64 Resp: 150
Ion Ratio Lower Upper
64 100
66 0.0 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.056 ppbv
RT: 1.560 min Scan# 455
Delta R.T. -0.000 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 85 Resp: 919
Ion Ratio Lower Upper
85 100
135 61.0 52.2 78.4

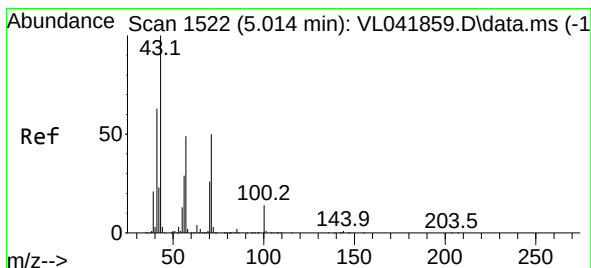
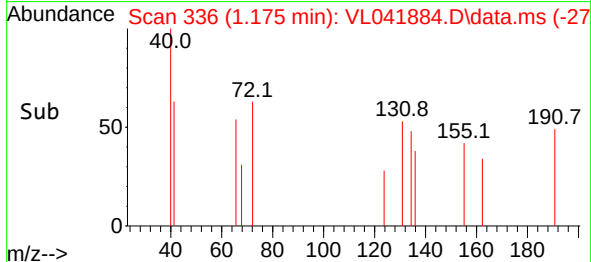
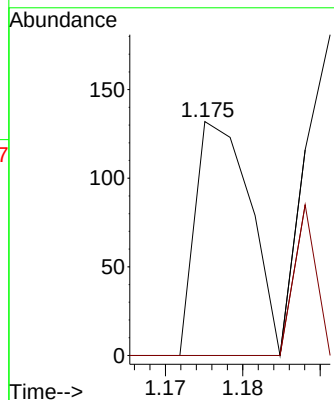
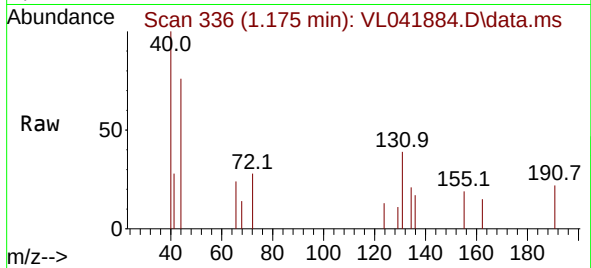




#9
 Propene
 Concen: 0.007 ppbv
 RT: 1.175 min Scan# 31
 Delta R.T. -0.314 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

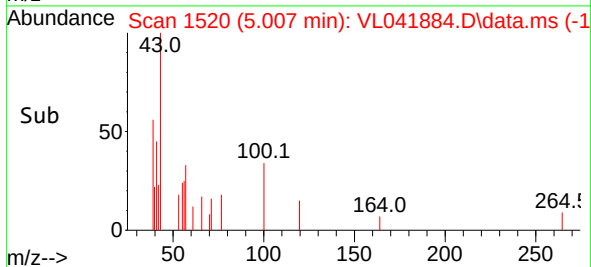
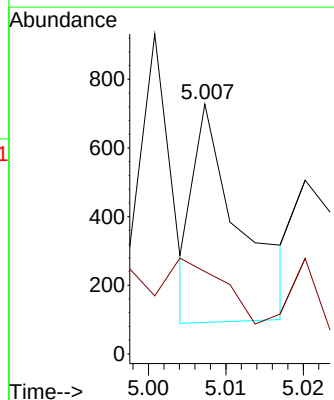
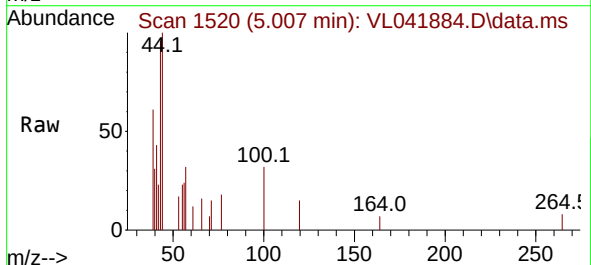
Instrument :
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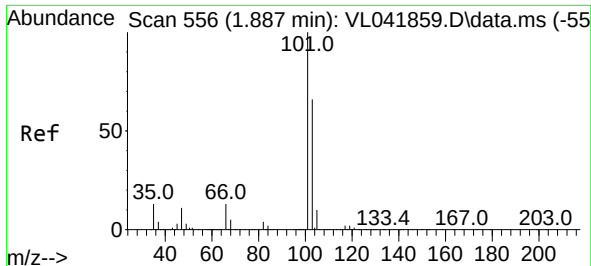
Tgt Ion: 41 Resp: 65
 Ion Ratio Lower Upper
 41 100
 42 72.3 53.0 79.6



#10
 Heptane
 Concen: 0.010 ppbv
 RT: 5.007 min Scan# 1520
 Delta R.T. -0.007 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

Tgt Ion: 43 Resp: 267
 Ion Ratio Lower Upper
 43 100
 57 176.8 40.2 60.2#

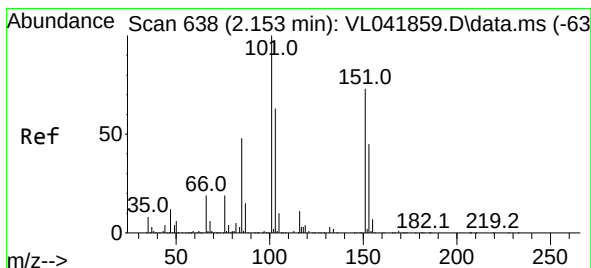
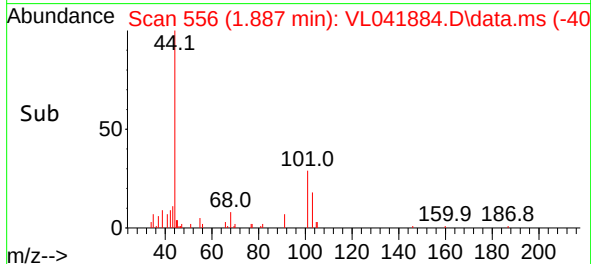
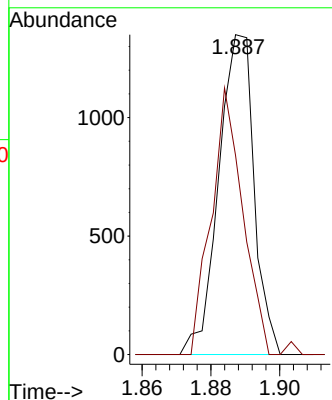
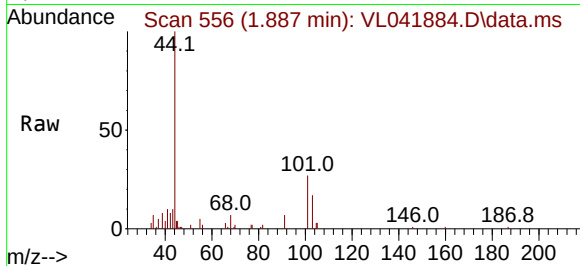




#11
 Trichlorofluoromethane
 Concen: 0.050 ppbv
 RT: 1.887 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

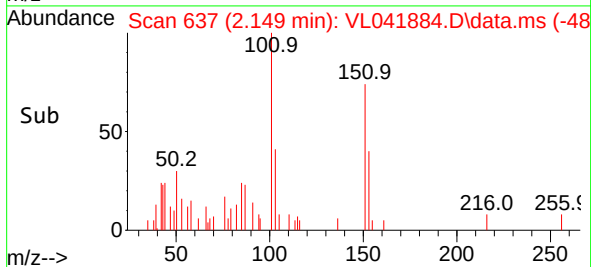
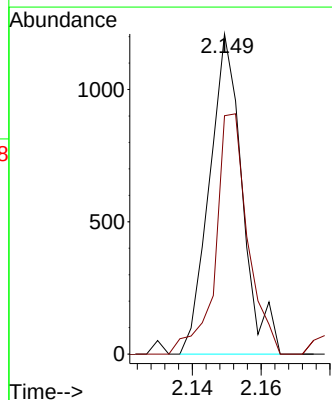
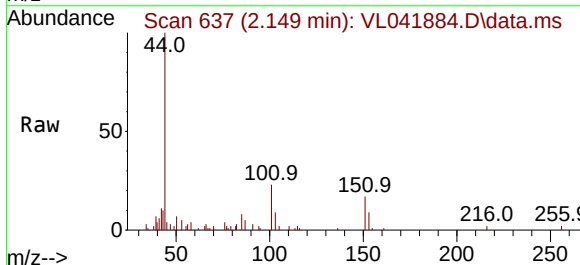
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

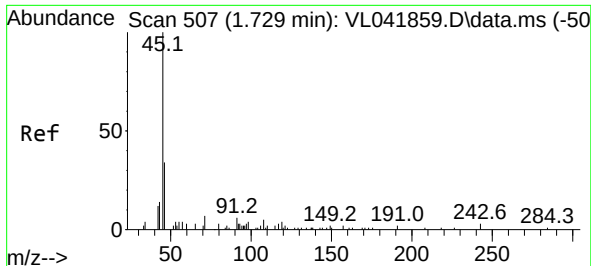
Tgt Ion:101 Resp: 966
 Ion Ratio Lower Upper
 101 100
 103 62.2 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.051 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. -0.003 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

Tgt Ion:101 Resp: 803
 Ion Ratio Lower Upper
 101 100
 151 76.2 59.4 89.0

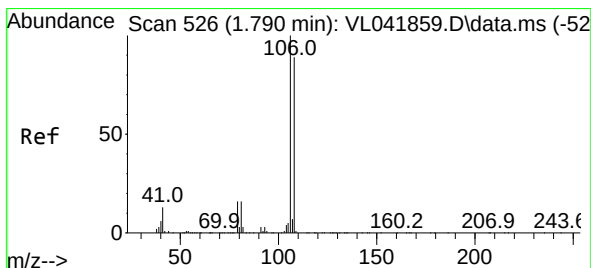
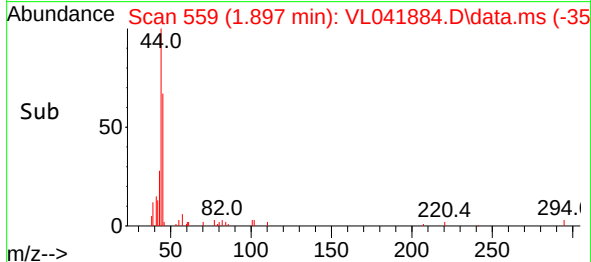
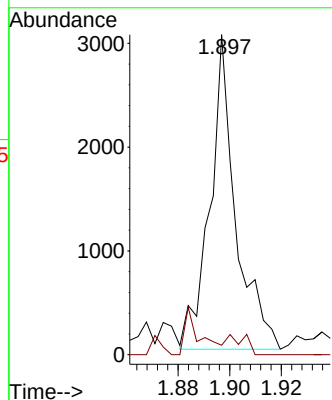
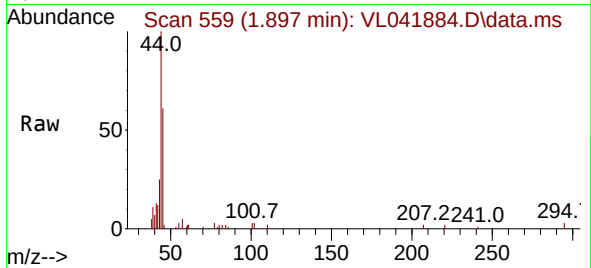




#13
 Ethanol
 Concen: 3.405 ppbv
 RT: 1.897 min Scan# 511
 Delta R.T. 0.168 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

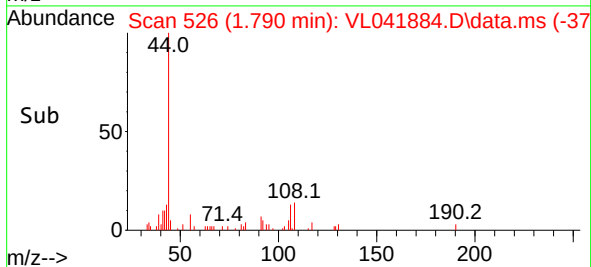
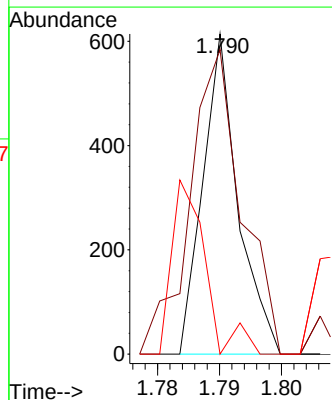
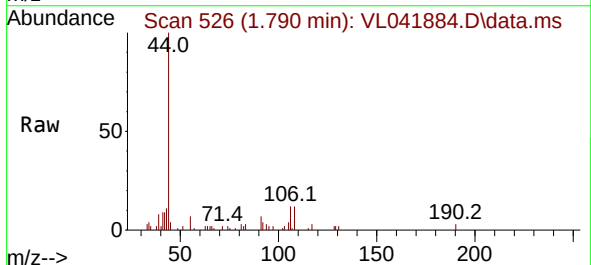
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

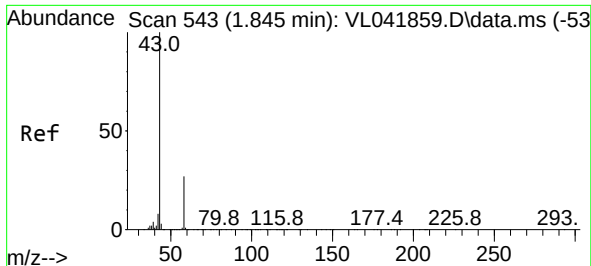
Tgt Ion: 45 Resp: 2103
 Ion Ratio Lower Upper
 45 100
 46 0.0 19.0 76.0#



#14
 Bromoethene
 Concen: 0.043 ppbv
 RT: 1.790 min Scan# 526
 Delta R.T. -0.000 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

Tgt Ion: 108 Resp: 241
 Ion Ratio Lower Upper
 108 100
 106 165.1 86.9 130.3#
 79 124.1 15.6 23.4#

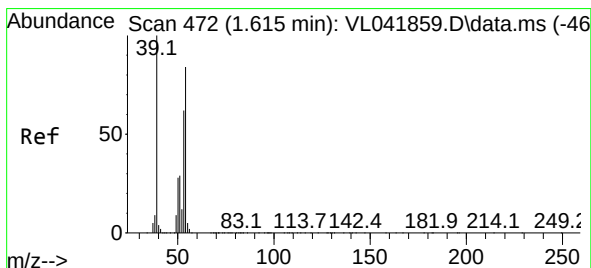
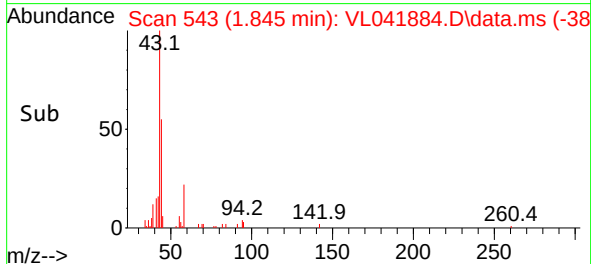
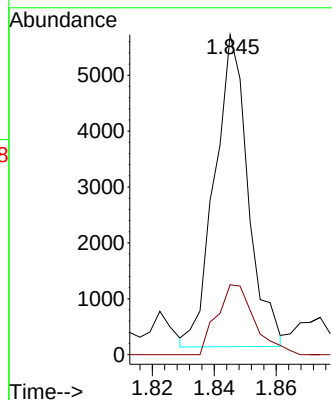
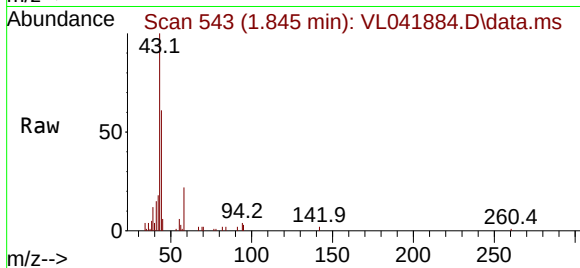




#15
Acetone
Concen: 0.215 ppbv
RT: 1.845 min Scan# 543
Delta R.T. -0.000 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

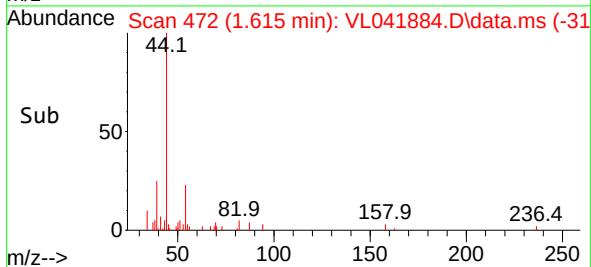
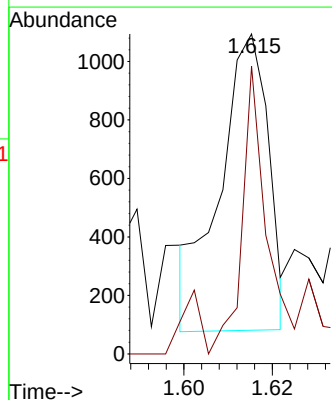
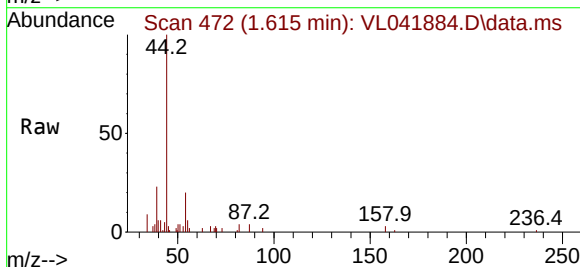
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

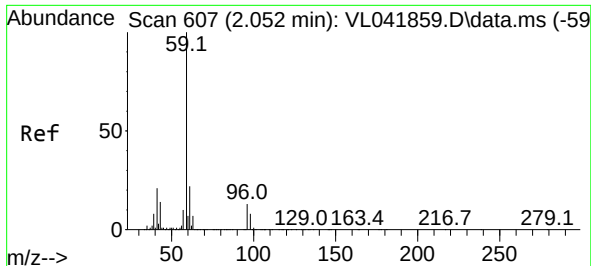
Tgt Ion: 43 Resp: 4194
Ion Ratio Lower Upper
43 100
58 25.2 22.7 34.1



#16
1,3-Butadiene
Concen: 0.093 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 39 Resp: 779
Ion Ratio Lower Upper
39 100
54 75.6 60.1 90.1





#17

tert-Butyl alcohol

Concen: 0.043 ppbv

RT: 2.055 min Scan# 607

Delta R.T. 0.003 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

Instrument :

MSVOA_L

ClientSampleId :

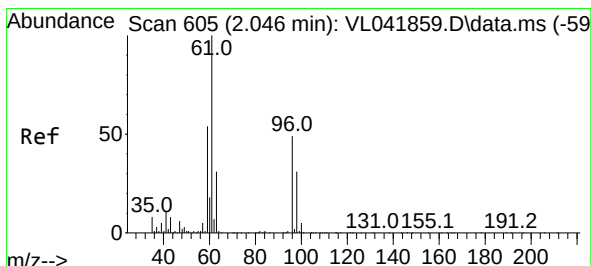
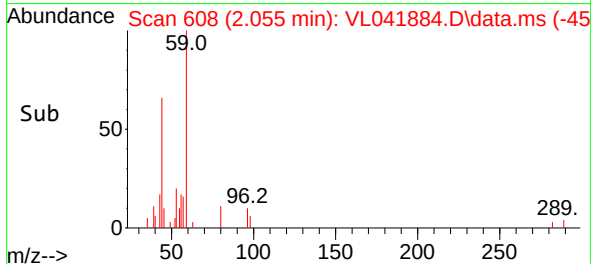
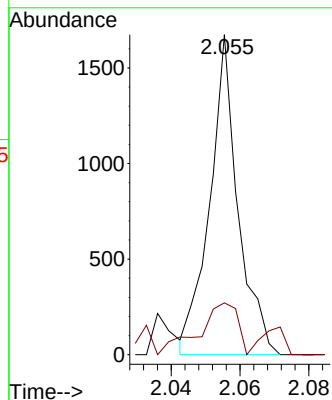
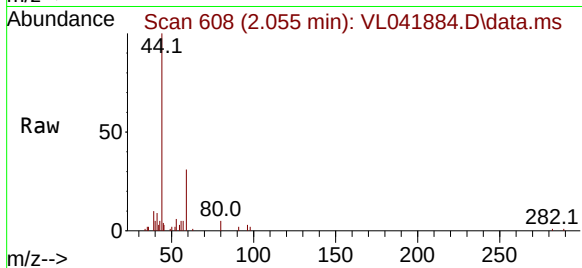
MDL 0.03

Tgt Ion: 59 Resp: 954

Ion Ratio Lower Upper

59 100

57 29.4 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.054 ppbv

RT: 2.043 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

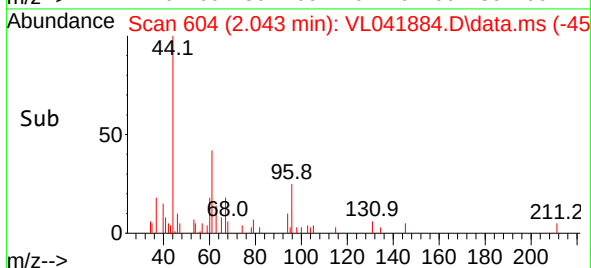
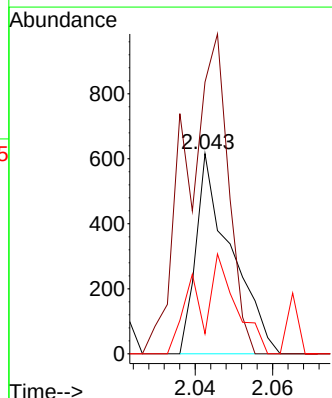
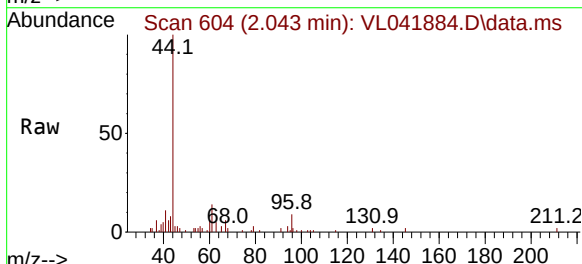
Tgt Ion: 96 Resp: 388

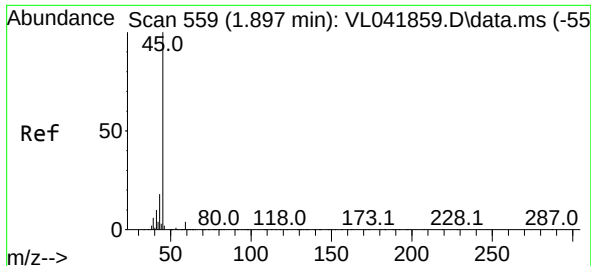
Ion Ratio Lower Upper

96 100

61 135.7 161.7 242.5#

98 10.1 51.0 76.4#

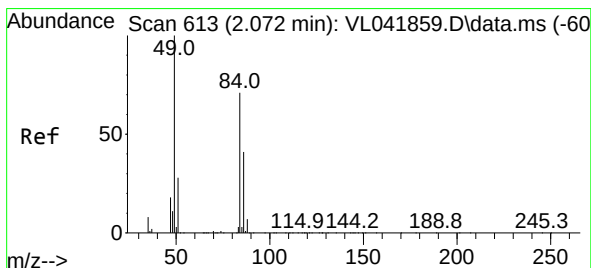
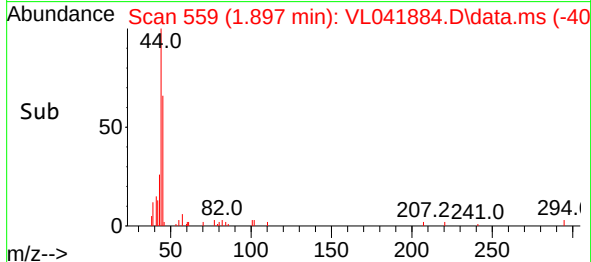
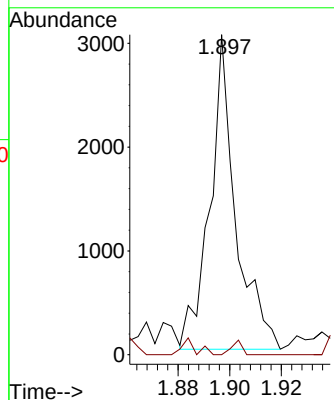
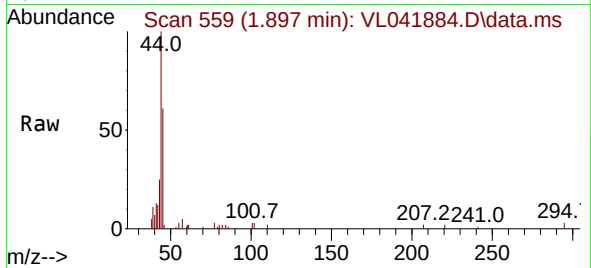




#19
Isopropyl Alcohol
Concen: 0.205 ppbv
RT: 1.897 min Scan# 559
Delta R.T. -0.000 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

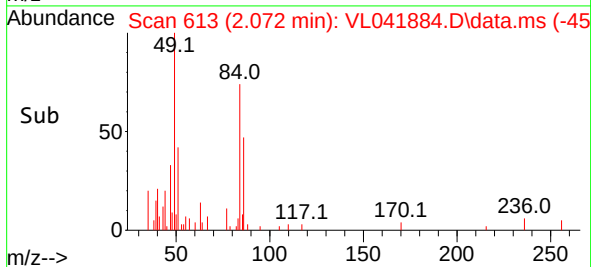
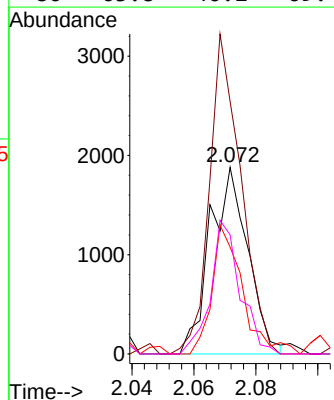
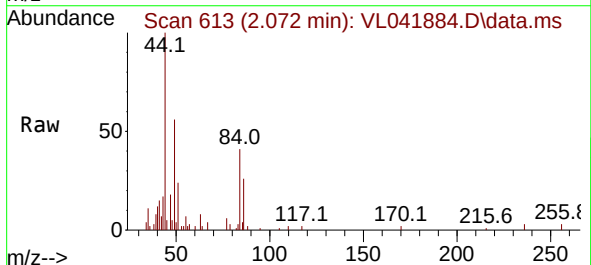
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

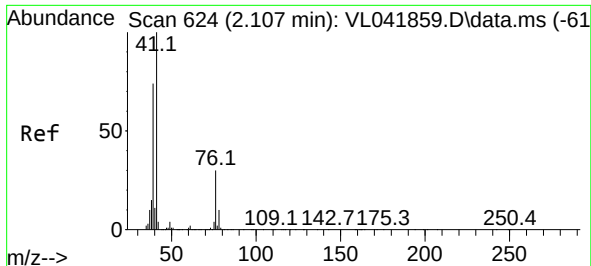
Tgt Ion: 45 Resp: 2103
Ion Ratio Lower Upper
45 100
58 4.1 37.0 55.6#



#20
Methylene Chloride
Concen: 0.240 ppbv
RT: 2.072 min Scan# 613
Delta R.T. -0.000 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 84 Resp: 1597
Ion Ratio Lower Upper
84 100
49 135.3 113.8 170.8
51 57.3 33.5 50.3#
86 63.8 46.2 69.4

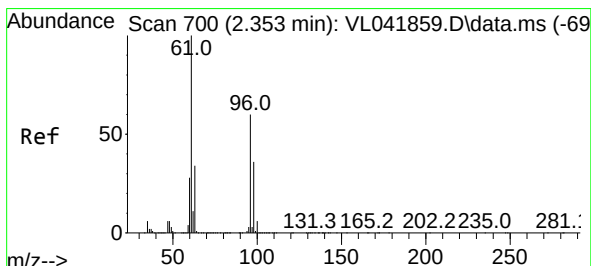
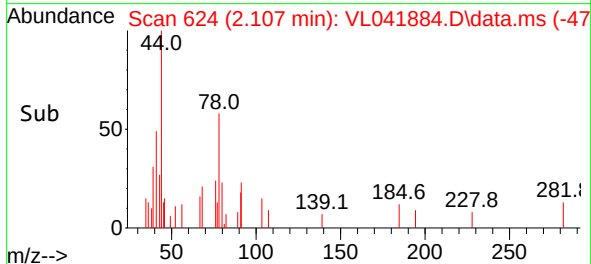
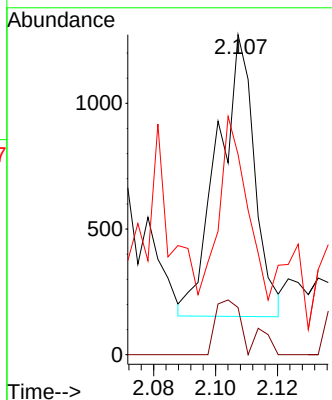
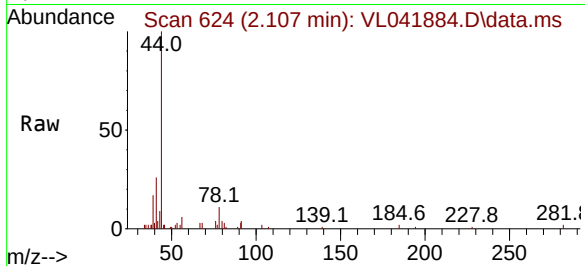




#21
 Allyl Chloride
 Concen: 0.074 ppbv
 RT: 2.107 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

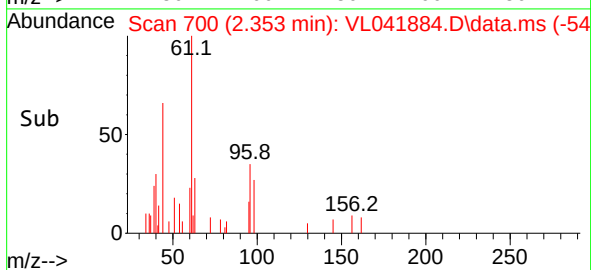
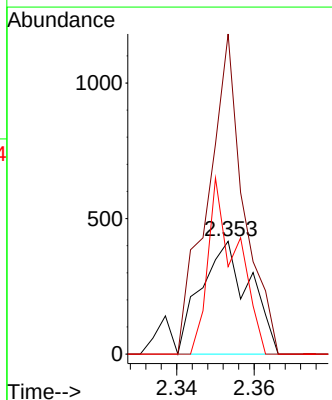
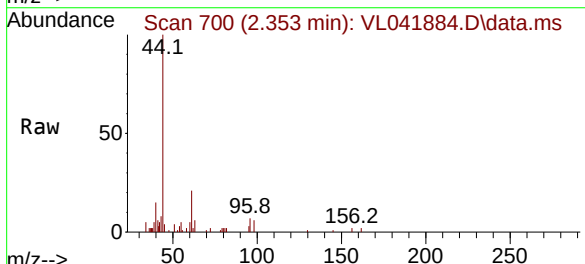
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

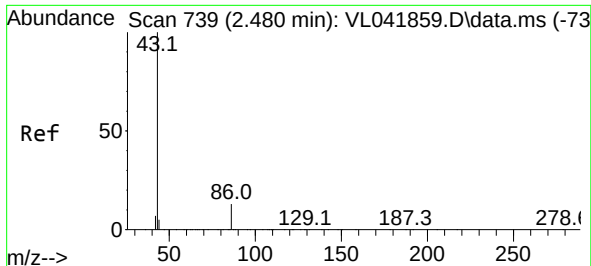
Tgt Ion: 41 Resp: 929
 Ion Ratio Lower Upper
 41 100
 76 16.6 24.6 36.8#
 39 269.8 60.1 90.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.044 ppbv
 RT: 2.353 min Scan# 700
 Delta R.T. -0.000 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

Tgt Ion: 96 Resp: 363
 Ion Ratio Lower Upper
 96 100
 61 283.9 134.2 201.4#
 98 77.6 49.0 73.4#

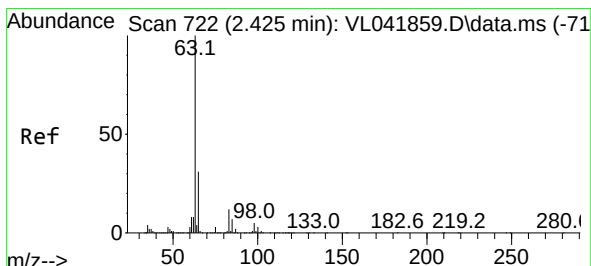
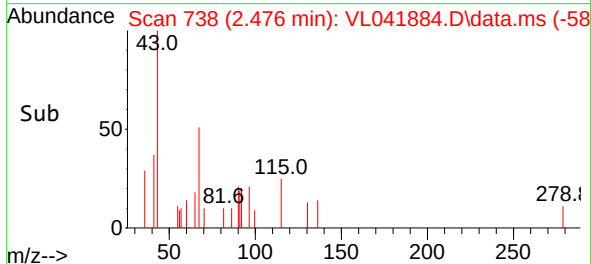
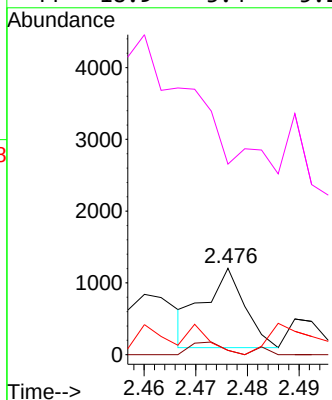
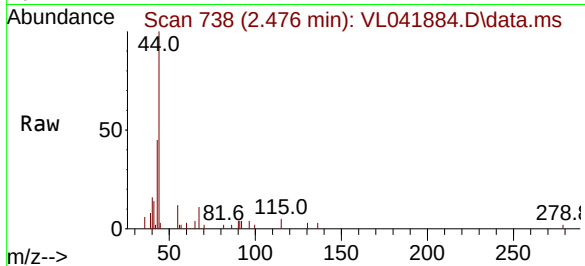




#23
 Vinyl Acetate
 Concen: 0.061 ppbv
 RT: 2.476 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

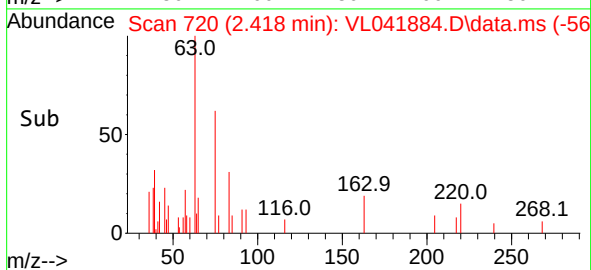
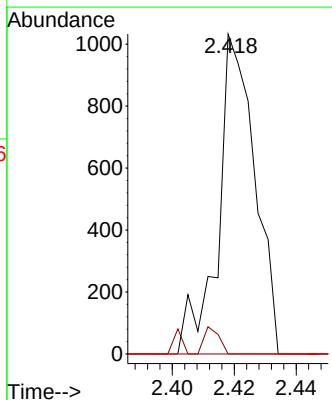
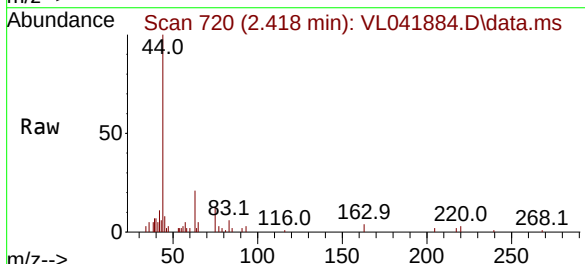
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

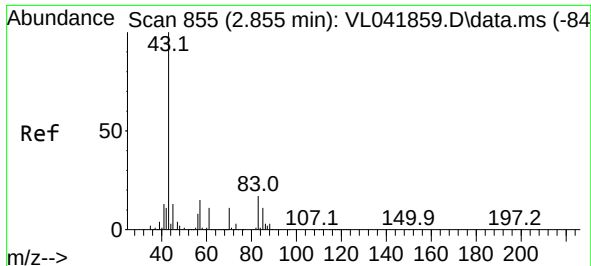
Tgt Ion: 43	Resp: 606
Ion Ratio	Lower Upper
43 100	
86 5.3	7.8 11.6#
42 0.0	7.0 10.4#
44 18.9	3.4 5.2#



#24
 1,1-Dichloroethane
 Concen: 0.054 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.007 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

Tgt Ion: 63	Resp: 849
Ion Ratio	Lower Upper
63 100	
98 0.0	2.3 6.9#
100 0.0	1.3 3.8#

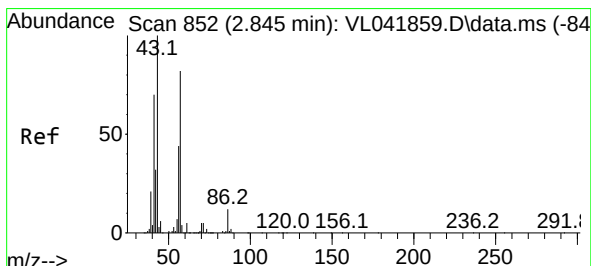
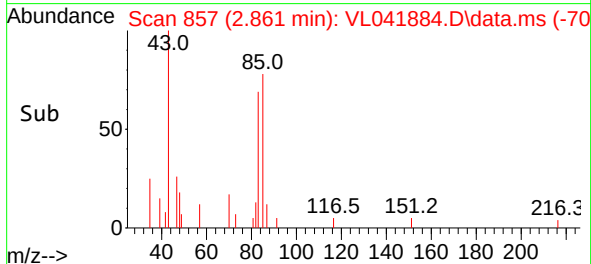
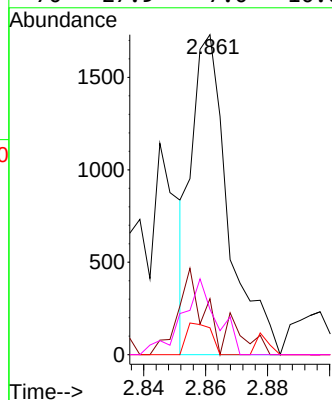
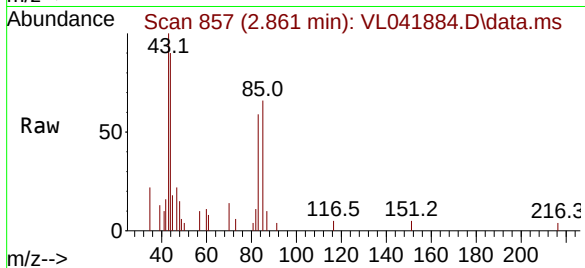




#25
Ethyl Acetate
Concen: 0.029 ppbv
RT: 2.861 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

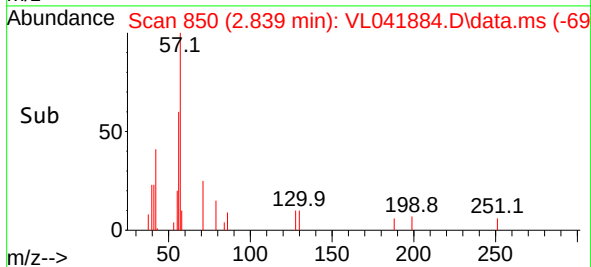
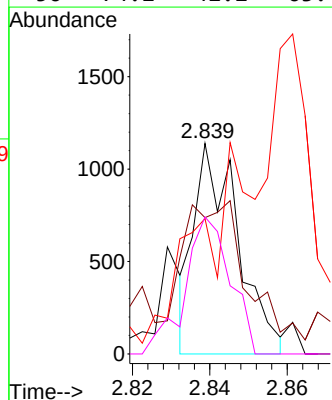
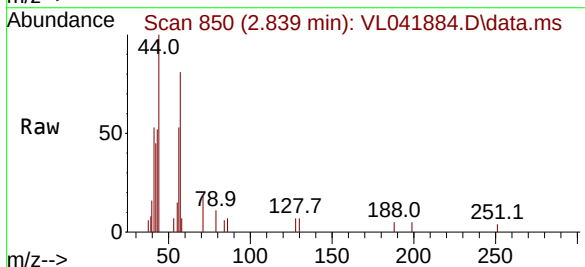
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

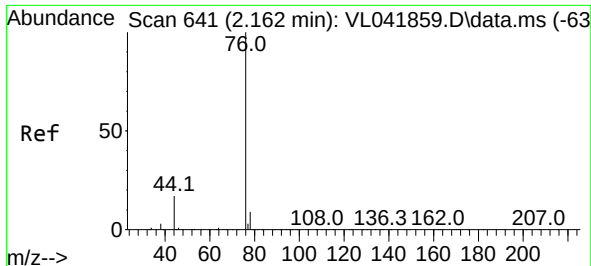
Tgt Ion:	43	Resp:	1412
Ion	Ratio	Lower	Upper
43	100		
45	25.5	8.4	12.6#
61	8.9	7.3	10.9
70	27.9	7.0	10.6#



#26
Hexane
Concen: 0.045 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.007 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion:	57	Resp:	895
Ion	Ratio	Lower	Upper
57	100		
41	163.1	71.5	107.3#
43	0.0	200.2	300.4#
56	74.2	42.2	63.4#

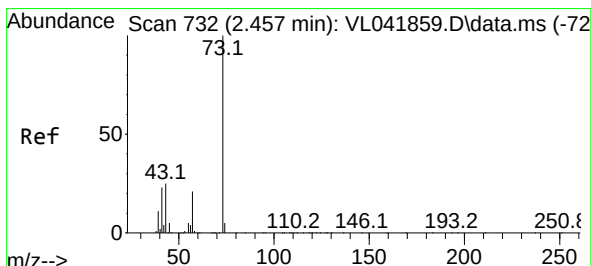
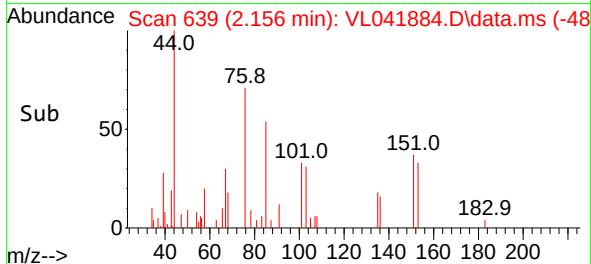
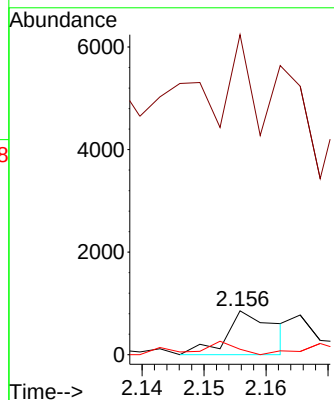
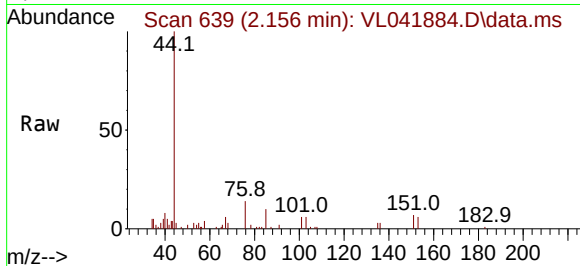




#27
Carbon Disulfide
Concen: 0.024 ppbv
RT: 2.156 min Scan# 613
Delta R.T. -0.007 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

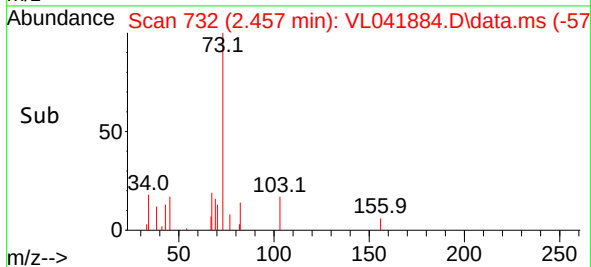
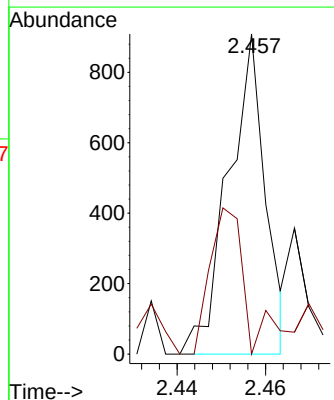
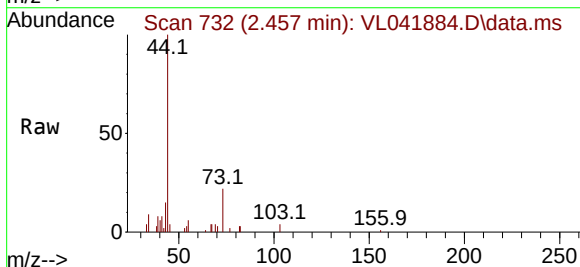
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

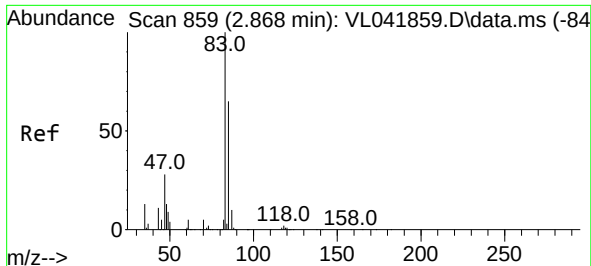
Tgt Ion: 76 Resp: 467
Ion Ratio Lower Upper
76 100
44 1552.7 13.1 19.7#
78 64.0 9.5 14.3#



#28
Methyl tert-Butyl Ether
Concen: 0.035 ppbv
RT: 2.457 min Scan# 732
Delta R.T. -0.000 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 73 Resp: 528
Ion Ratio Lower Upper
73 100
57 77.7 17.5 26.3#





#29

Chloroform

Concen: 0.032 ppbv

RT: 2.865 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

Instrument :

MSVOA_L

ClientSampleId :

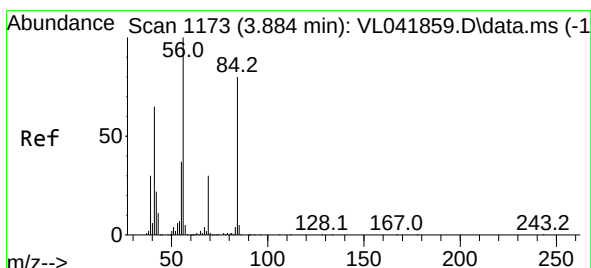
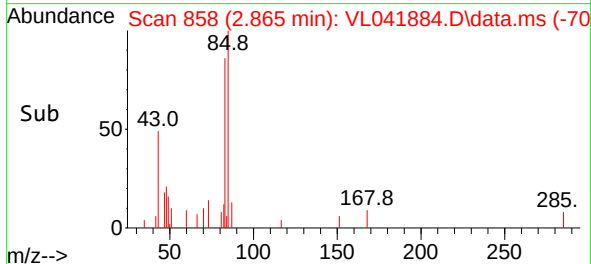
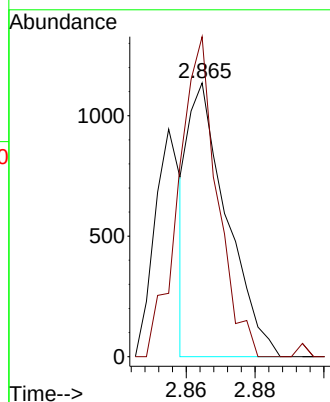
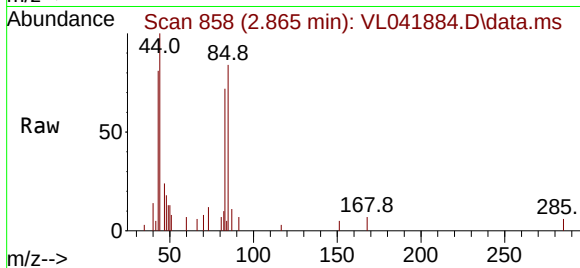
MDL 0.03

Tgt Ion: 83 Resp: 882

Ion Ratio Lower Upper

83 100

85 116.9 51.7 77.5#



#30

Cyclohexane

Concen: 0.034 ppbv

RT: 3.874 min Scan# 1170

Delta R.T. -0.010 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

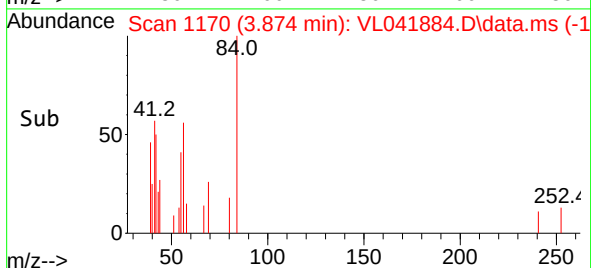
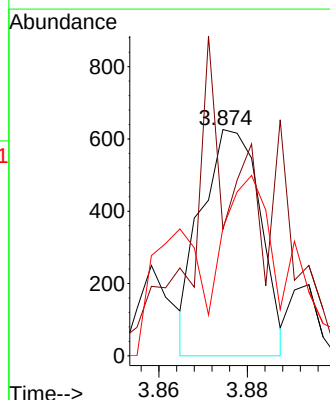
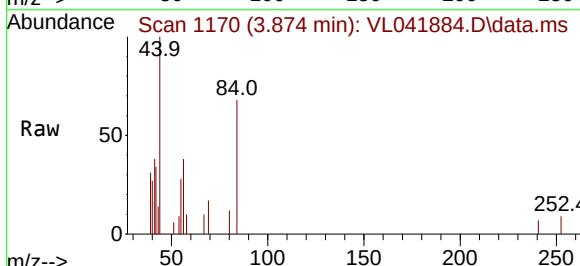
Tgt Ion: 84 Resp: 579

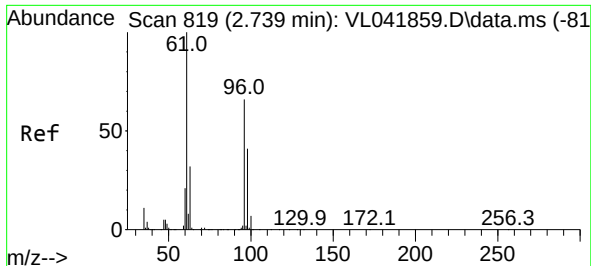
Ion Ratio Lower Upper

84 100

56 159.4 100.7 151.1#

41 145.6 62.8 94.2#

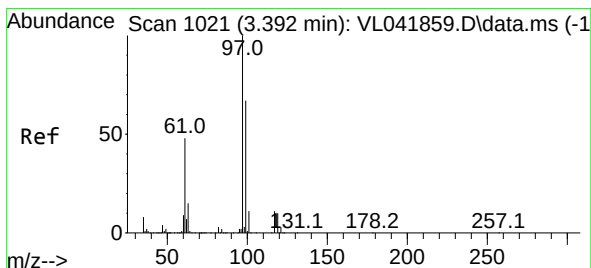
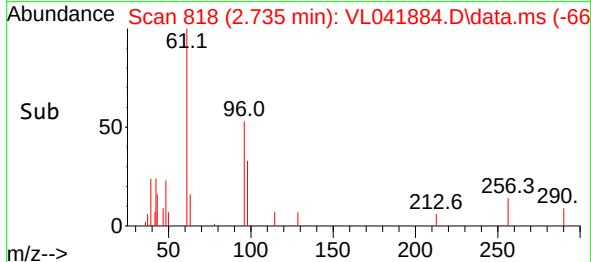
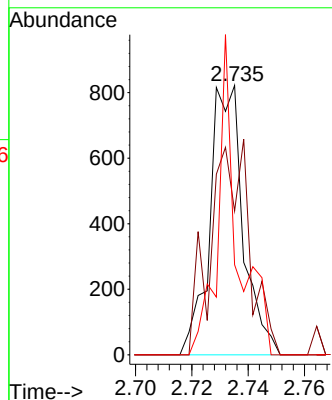
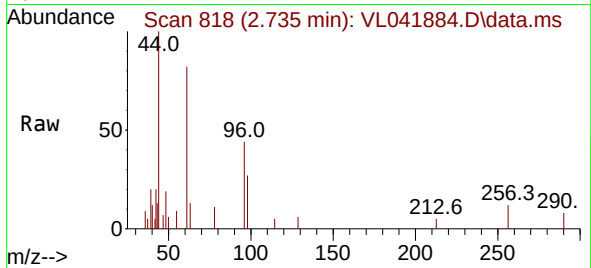




#31
 cis-1,2-Dichloroethene
 Concen: 0.035 ppbv
 RT: 2.735 min Scan# 819
 Delta R.T. -0.003 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

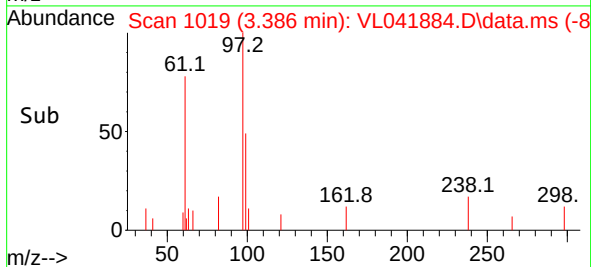
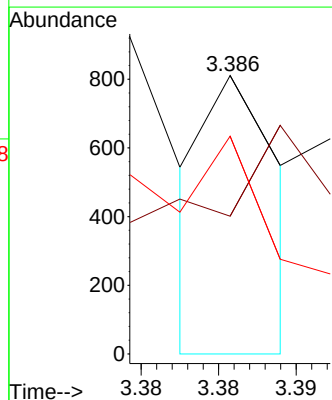
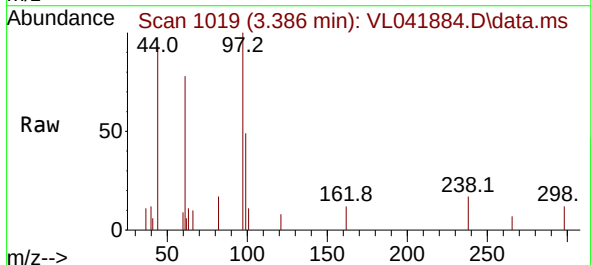
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

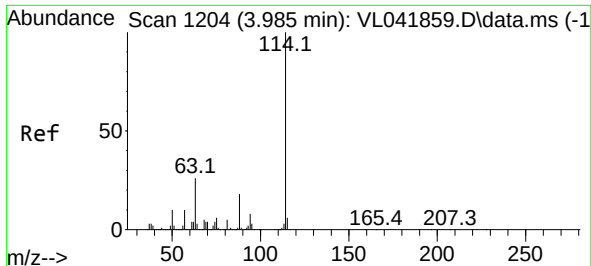
Tgt Ion: 61 Resp: 674
 Ion Ratio Lower Upper
 61 100
 96 53.4 53.2 79.8
 98 33.5 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 0.010 ppbv
 RT: 3.386 min Scan# 1019
 Delta R.T. -0.007 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

Tgt Ion: 97 Resp: 264
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.0 78.0#
 61 238.3 38.8 58.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.978 min Scan# 114

Delta R.T. -0.007 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

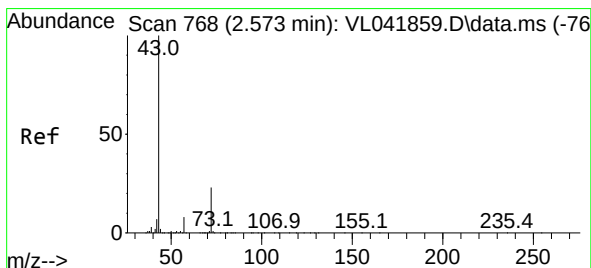
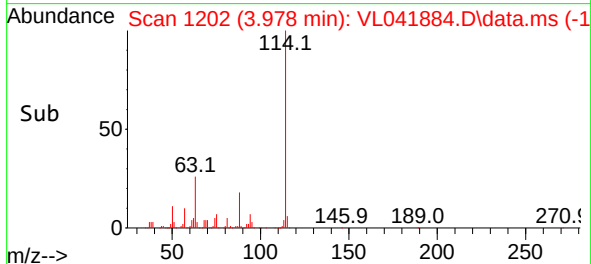
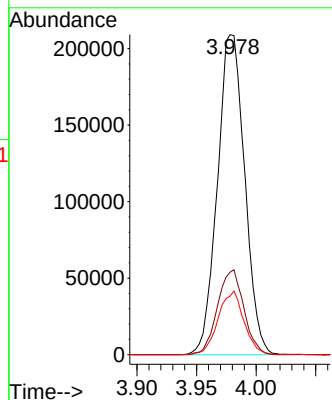
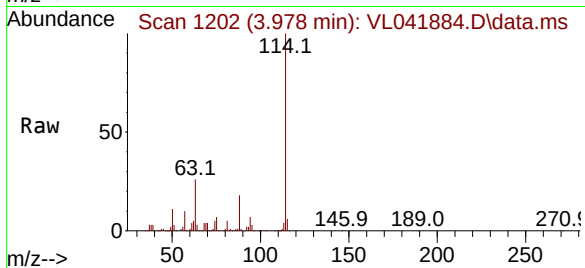
Tgt Ion:114 Resp: 332956

Ion Ratio Lower Upper

114 100

63 25.6 20.3 30.5

88 18.7 14.6 21.8



#34

2-Butanone

Concen: 0.033 ppbv

RT: 2.573 min Scan# 768

Delta R.T. -0.000 min

Lab File: VL041884.D

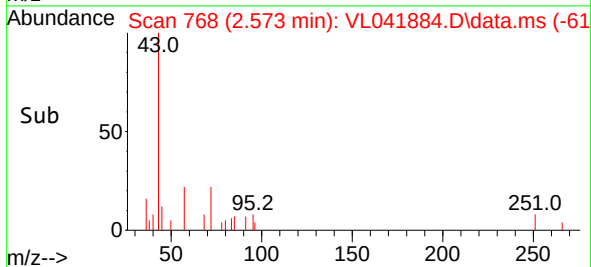
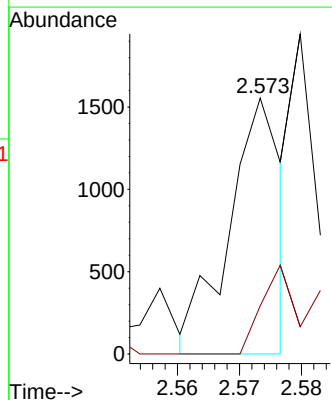
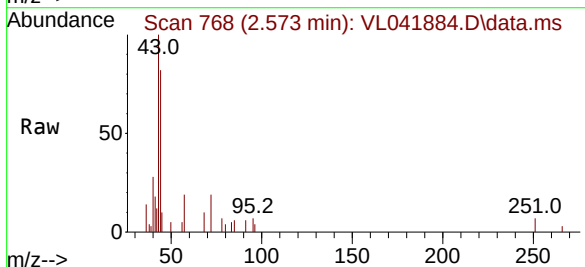
Acq: 10 Jan 2025 00:47

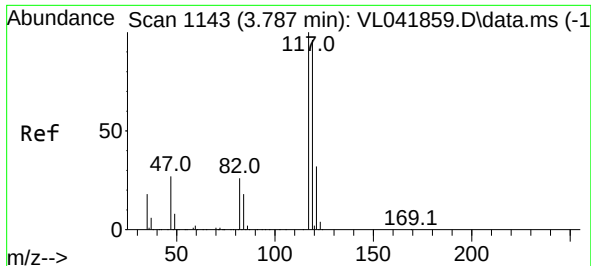
Tgt Ion: 43 Resp: 914

Ion Ratio Lower Upper

43 100

72 0.0 18.5 27.7#

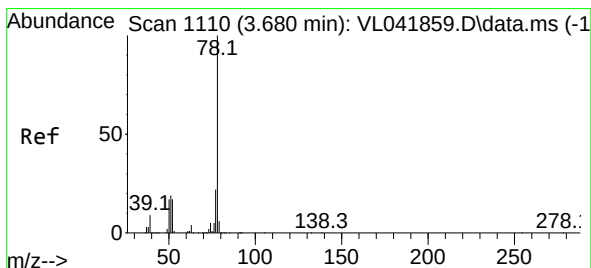
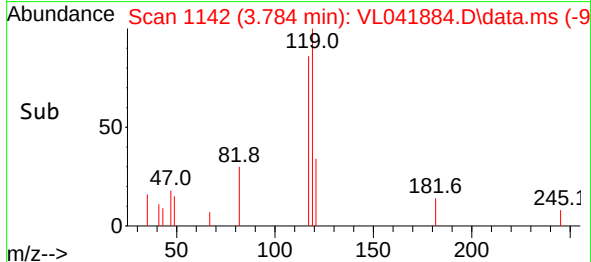
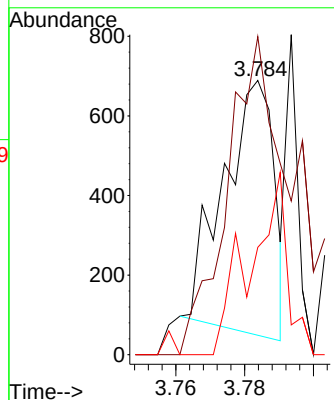
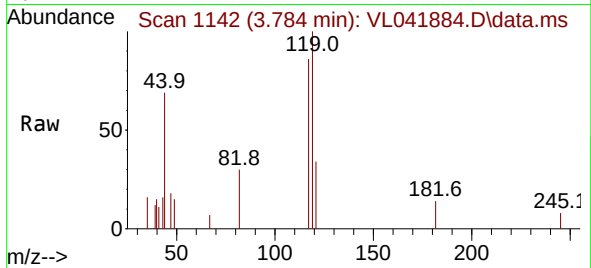




#35
Carbon Tetrachloride
Concen: 0.025 ppbv
RT: 3.784 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

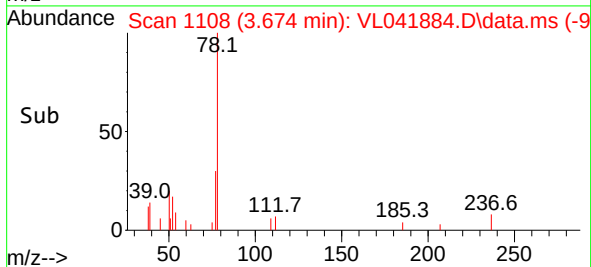
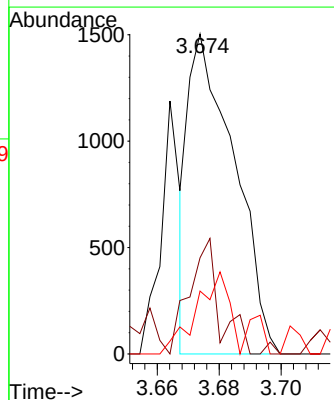
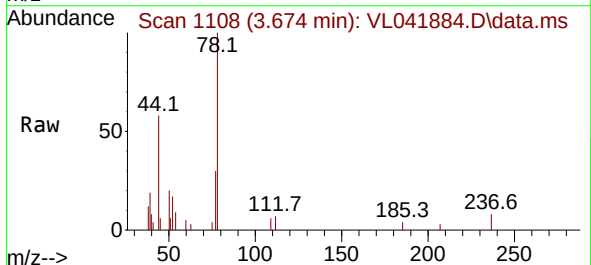
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

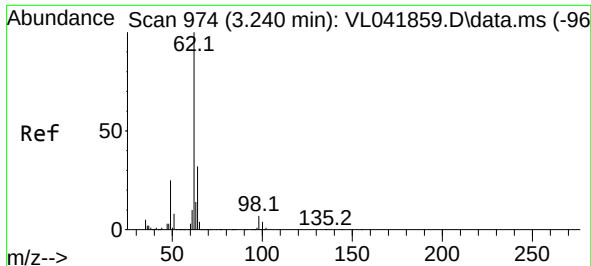
Tgt Ion:117 Resp: 645
Ion Ratio Lower Upper
117 100
119 135.0 76.9 115.3#
121 45.6 25.9 38.9#



#36
Benzene
Concen: 0.040 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.007 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 78 Resp: 1553
Ion Ratio Lower Upper
78 100
77 30.1 17.9 26.9#
50 19.7 13.7 20.5





#37

1,2-Dichloroethane

Concen: 0.035 ppbv

RT: 3.237 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

Instrument :

MSVOA_L

ClientSampleId :

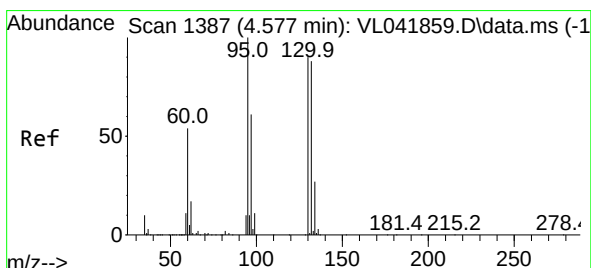
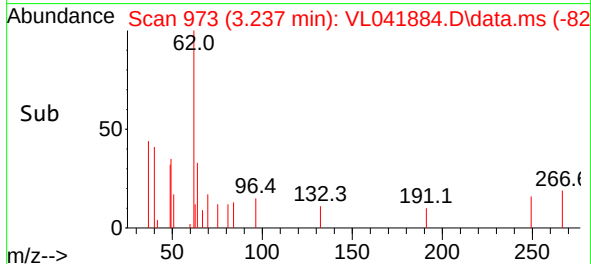
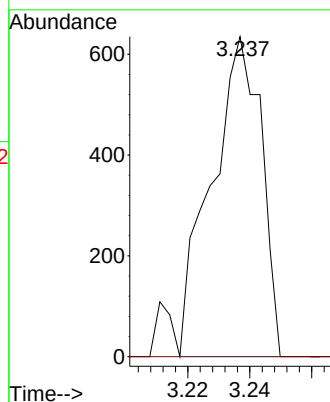
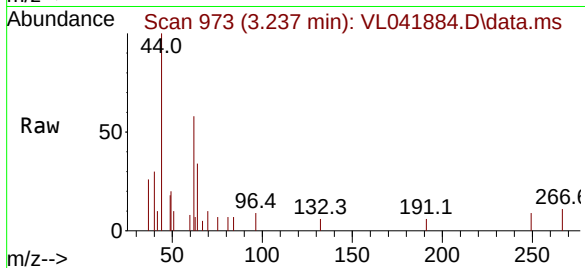
MDL 0.03

Tgt Ion: 62 Resp: 713

Ion Ratio Lower Upper

62 100

98 0.0 5.6 8.4#



#38

Trichloroethene

Concen: 0.014 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. -0.013 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

Tgt Ion:130 Resp: 207

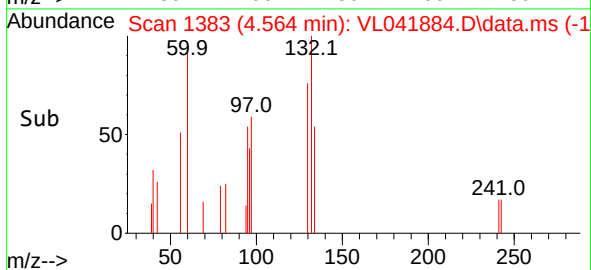
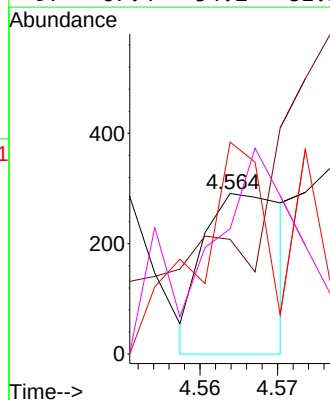
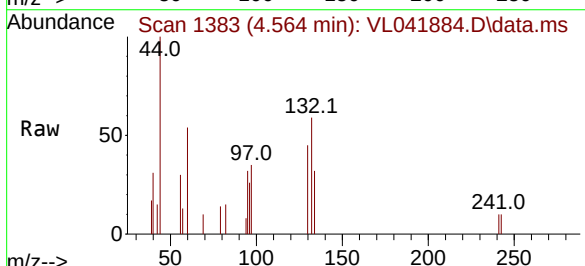
Ion Ratio Lower Upper

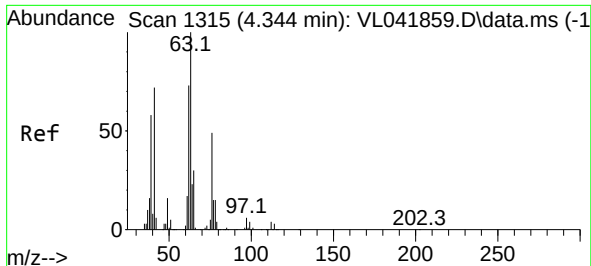
130 100

95 22.9 88.5 132.7#

132 132.6 78.2 117.2#

97 67.4 54.2 81.2





#39

1,2-Dichloropropane

Concen: 6.203 ppbv

RT: 3.981 min Scan# 1

Delta R.T. -0.363 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

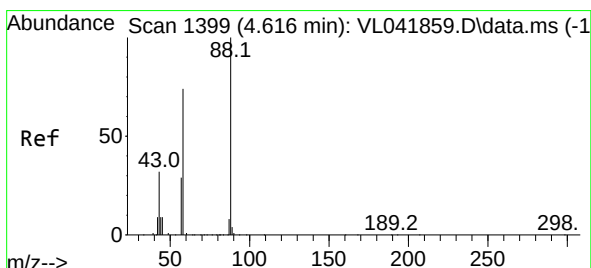
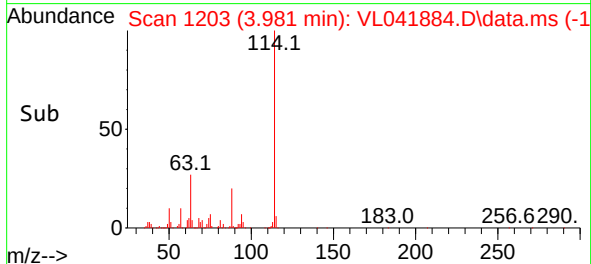
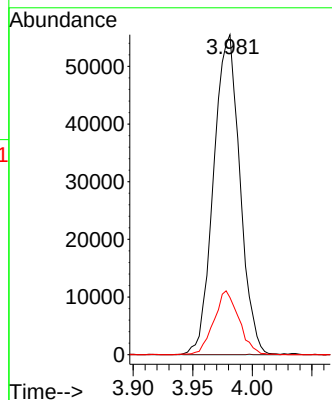
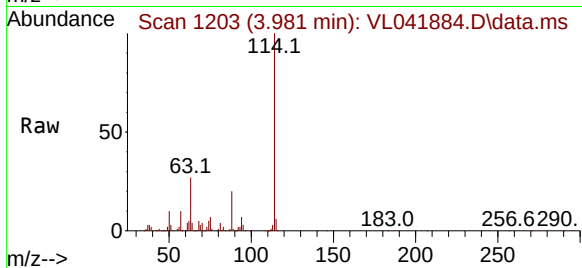
Tgt Ion: 63 Resp: 85237

Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

62 17.9 58.6 87.8#



#40

1,4-Dioxane

Concen: 0.009 ppbv

RT: 4.596 min Scan# 1393

Delta R.T. -0.020 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

Tgt Ion: 88 Resp: 64

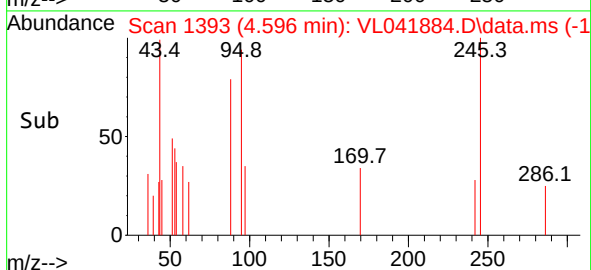
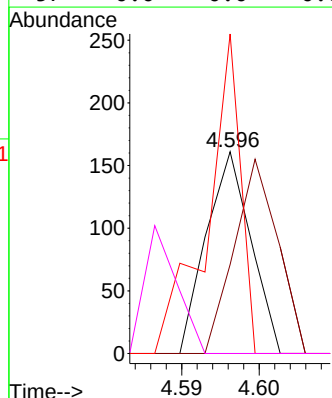
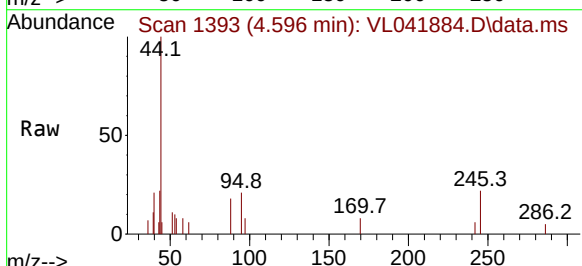
Ion Ratio Lower Upper

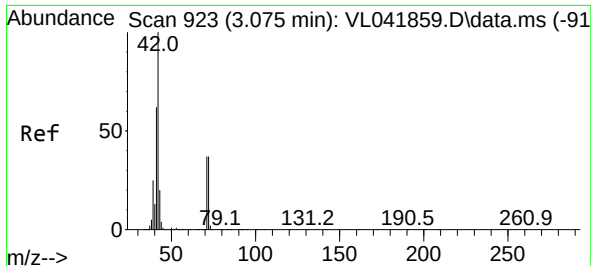
88 100

58 110.9 52.2 78.4#

43 207.8 0.0 0.0#

57 0.0 0.0 0.0

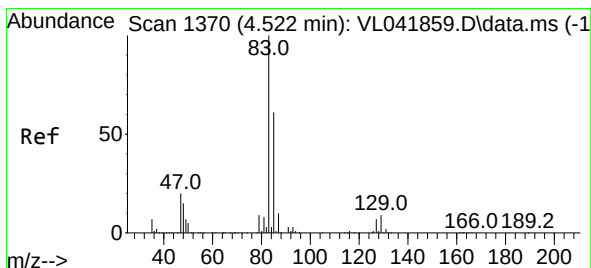
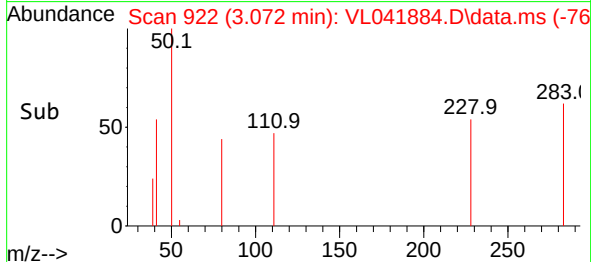
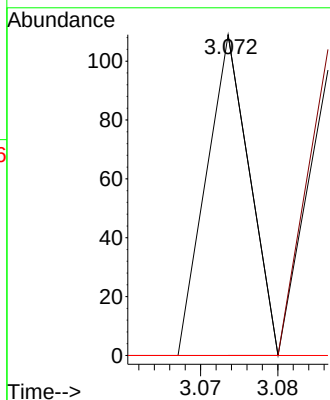
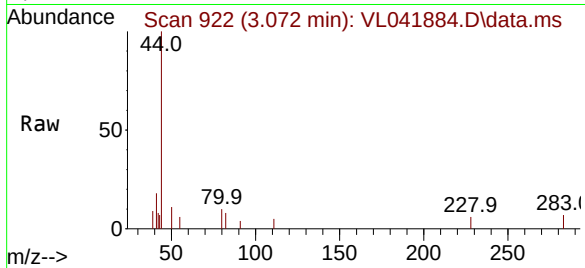




#41
Tetrahydrofuran
Concen: 0.001 ppbv
RT: 3.072 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

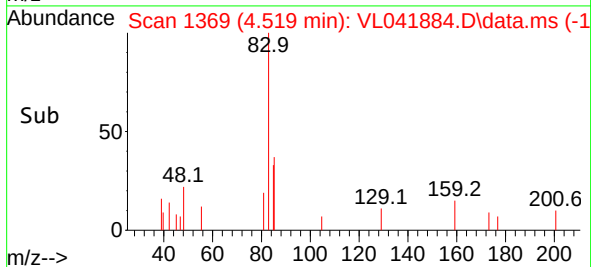
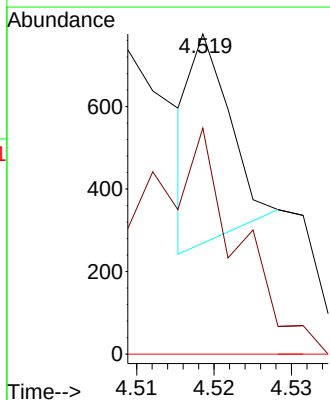
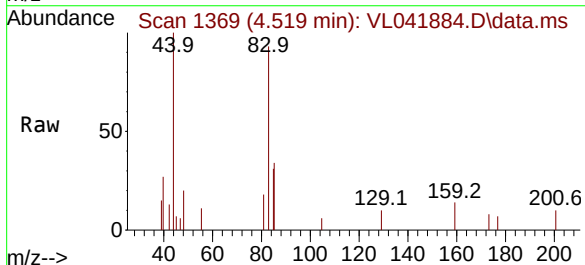
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

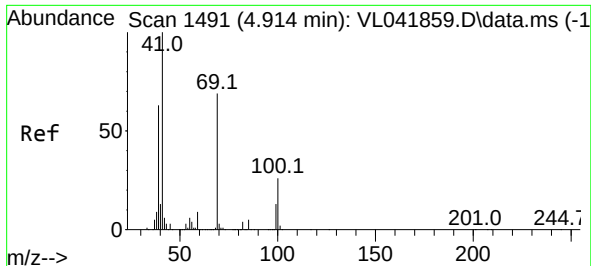
Tgt Ion: 42 Resp: 21
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 0.0 30.1 45.1#



#42
Bromodichloromethane
Concen: 0.006 ppbv
RT: 4.519 min Scan# 1369
Delta R.T. -0.003 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 83 Resp: 177
Ion Ratio Lower Upper
83 100
85 112.9 48.9 73.3#
127 0.0 5.4 8.2#

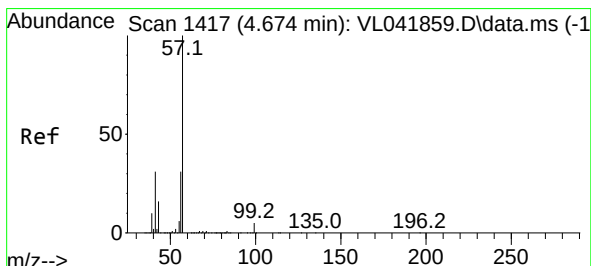
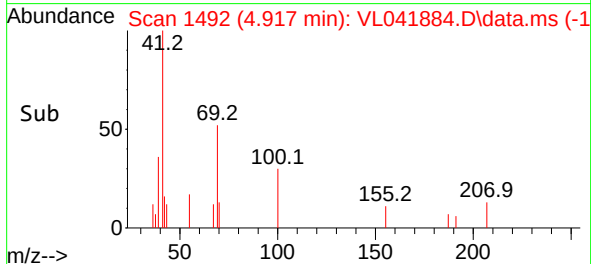
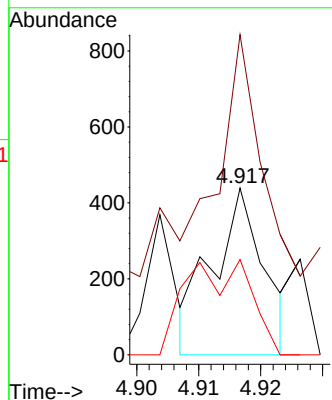
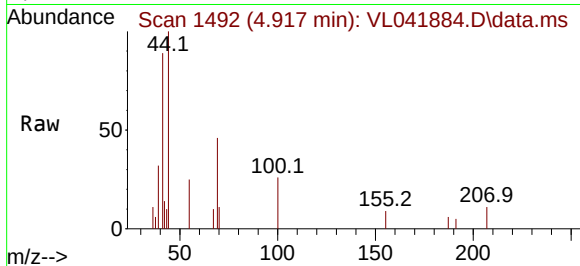




#43
Methyl Methacrylate
Concen: 0.016 ppbv
RT: 4.917 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

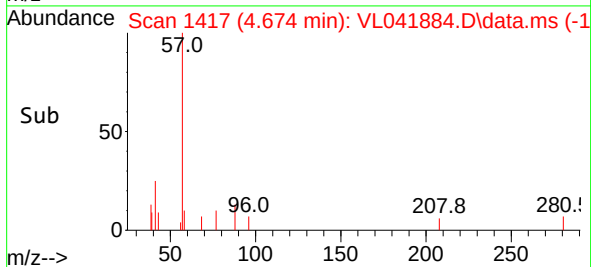
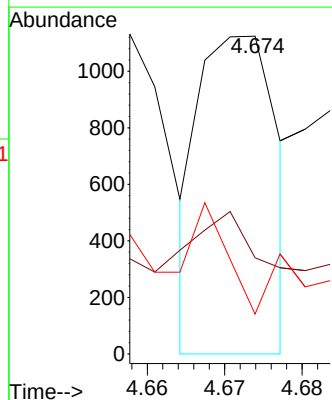
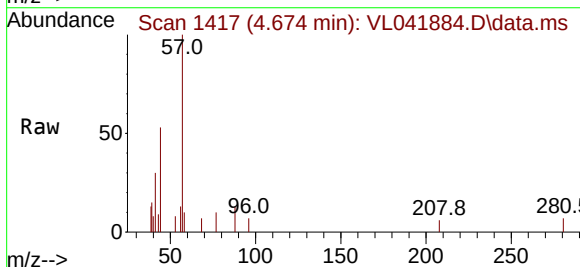
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

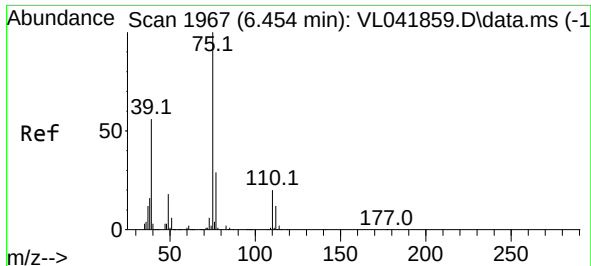
Tgt Ion: 69 Resp: 253
Ion Ratio Lower Upper
69 100
41 391.3 116.2 174.4#
100 71.5 29.8 44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.012 ppbv
RT: 4.674 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 57 Resp: 785
Ion Ratio Lower Upper
57 100
41 0.0 25.5 38.3#
56 93.2 25.6 38.4#

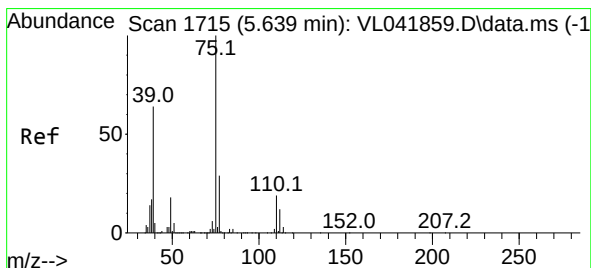
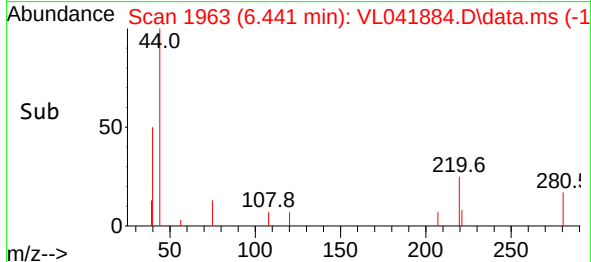
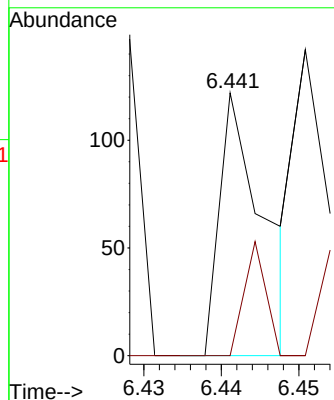
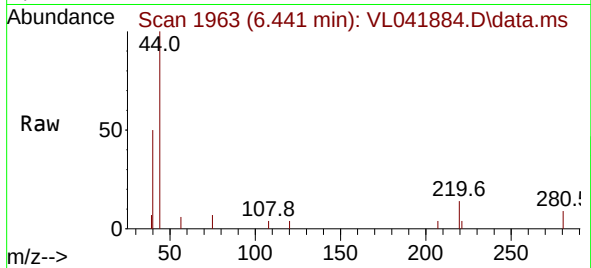




#45
 t-1,3-Dichloropropene
 Concen: 0.003 ppbv
 RT: 6.441 min Scan# 1967
 Delta R.T. -0.013 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

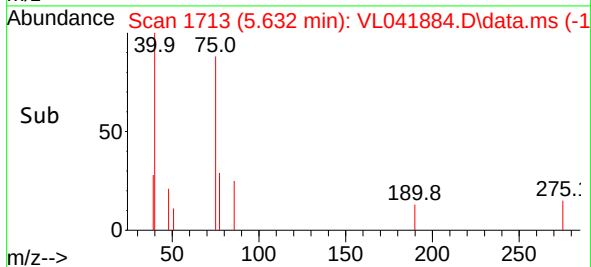
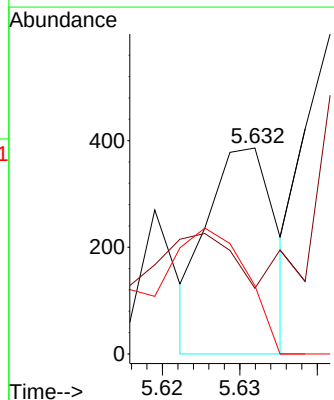
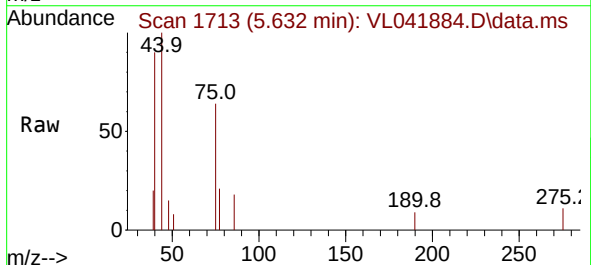
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

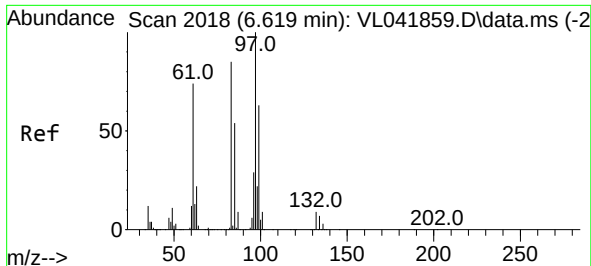
Tgt Ion: 75 Resp: 48
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.4 35.2#



#46
 cis-1,3-Dichloropropene
 Concen: 0.011 ppbv
 RT: 5.632 min Scan# 1713
 Delta R.T. -0.007 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

Tgt Ion: 75 Resp: 237
 Ion Ratio Lower Upper
 75 100
 39 0.0 51.4 77.2#
 77 50.2 23.0 34.4#





#47

1,1,2-Trichloroethane

Concen: 0.008 ppbv

RT: 6.609 min Scan# 2015

Delta R.T. -0.010 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

Tgt Ion: 97 Resp: 119

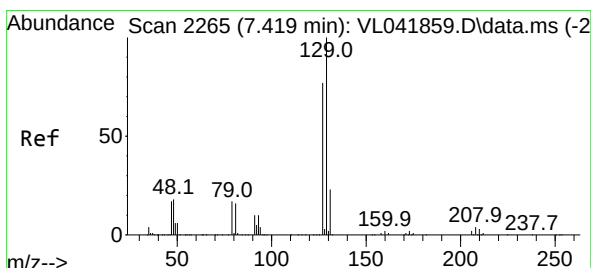
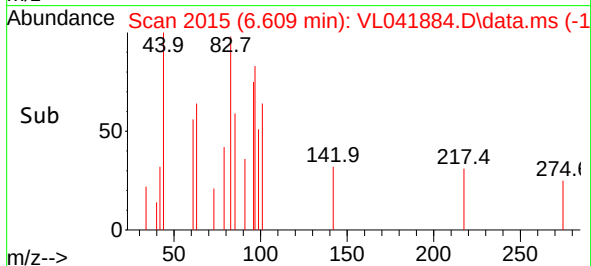
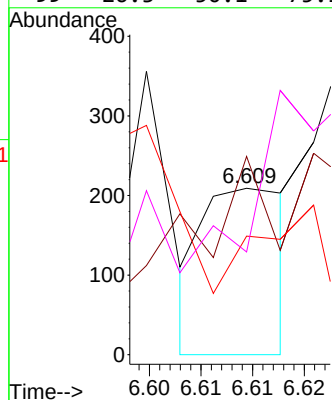
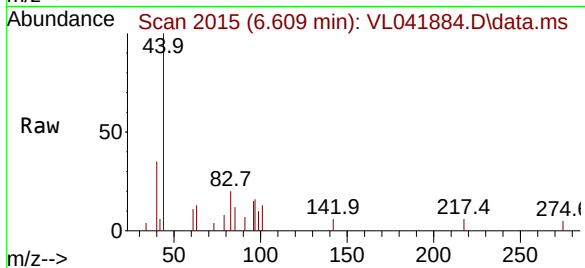
Ion Ratio Lower Upper

97 100

83 119.2 68.1 102.1#

85 4.0 43.4 65.2#

99 26.3 50.1 75.1#



#48

Dibromochloromethane

Concen: 0.025 ppbv

RT: 7.409 min Scan# 2262

Delta R.T. -0.010 min

Lab File: VL041884.D

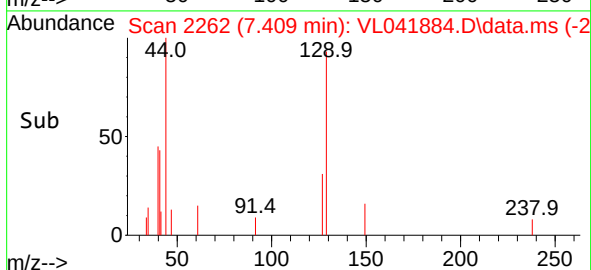
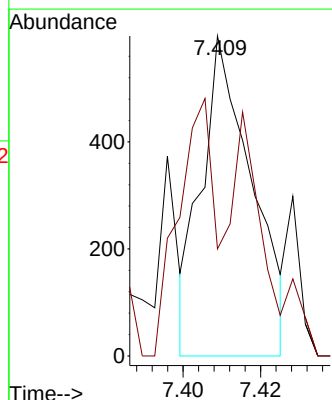
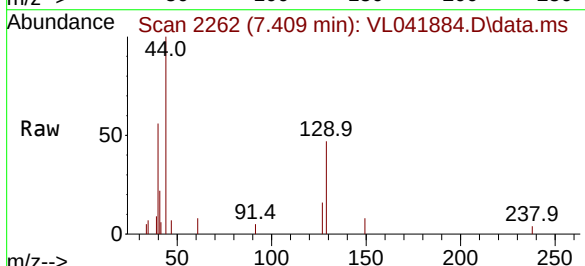
Acq: 10 Jan 2025 00:47

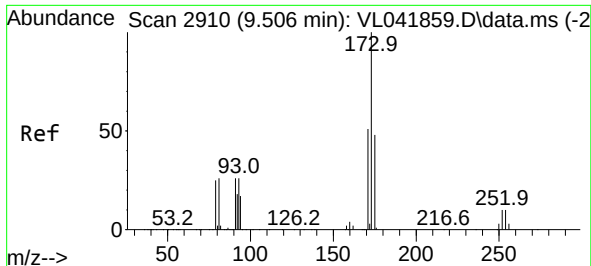
Tgt Ion: 129 Resp: 539

Ion Ratio Lower Upper

129 100

127 117.8 39.4 118.1

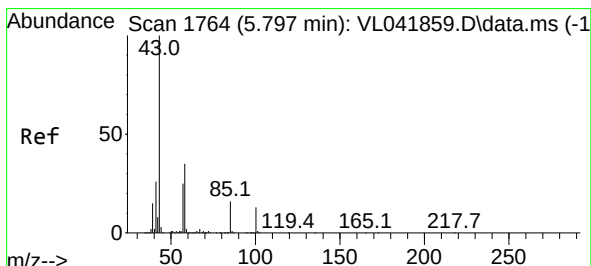
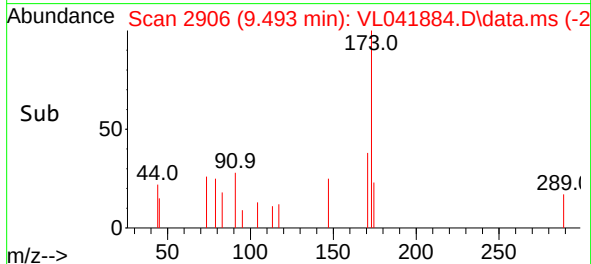
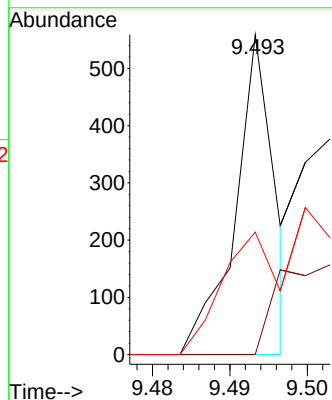
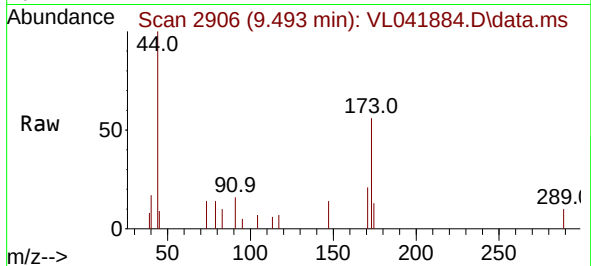




#49
Bromoform
Concen: 0.010 ppbv
RT: 9.493 min Scan# 2910
Delta R.T. -0.013 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

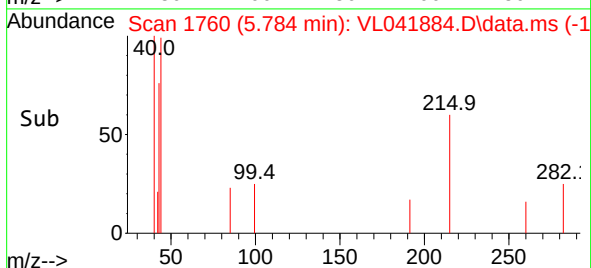
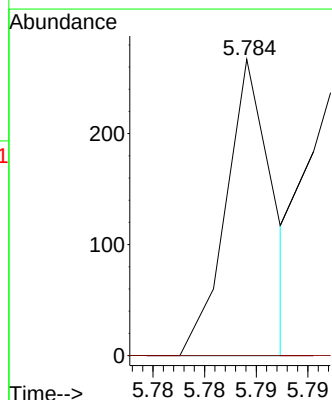
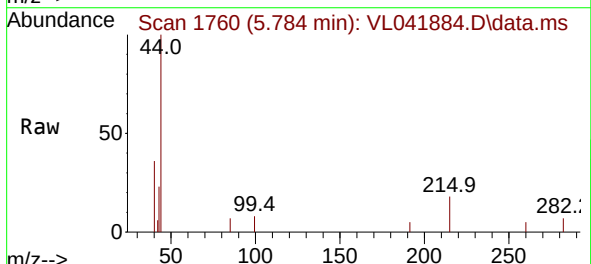
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

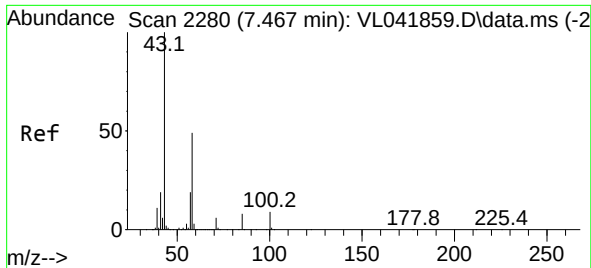
Tgt Ion:173 Resp: 199
Ion Ratio Lower Upper
173 100
175 0.0 38.2 57.2#
171 0.0 41.3 61.9#



#50
4-Methyl-2-Pentanone
Concen: 0.002 ppbv
RT: 5.784 min Scan# 1760
Delta R.T. -0.013 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#

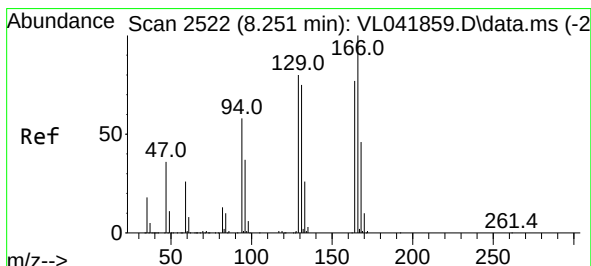
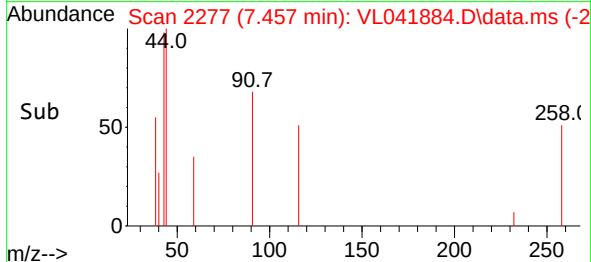
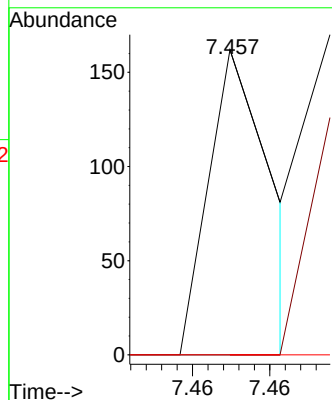
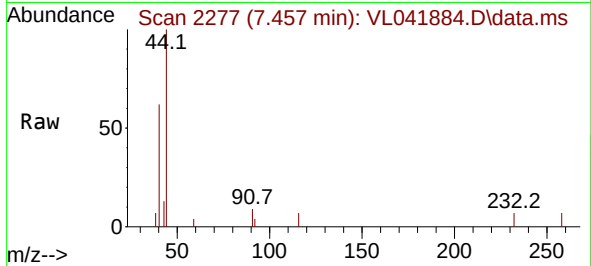




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 7.457 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

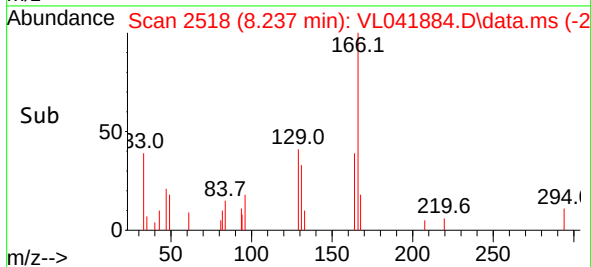
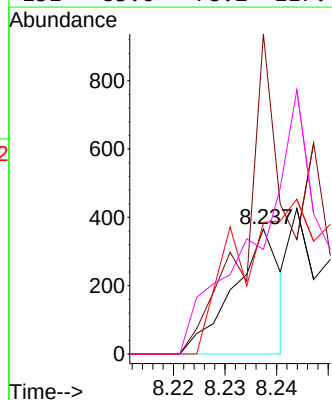
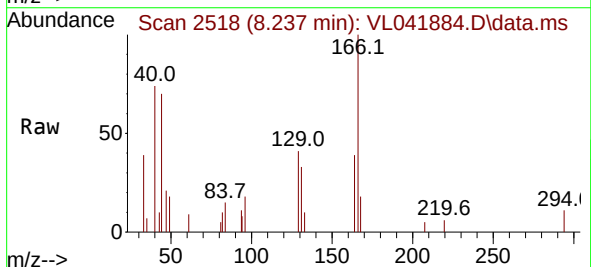
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

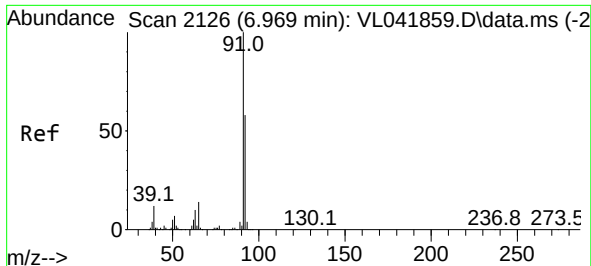
Tgt Ion: 43	Resp: 47
Ion Ratio	Lower Upper
43 100	
58 0.0	40.0 60.0#
98 0.0	0.1 0.1#



#52
Tetrachloroethene
Concen: 0.015 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. -0.013 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt	Ion:164	Resp:	228
Ion	Ratio	Lower	Upper
164	100		
166	256.0	103.6	155.4#
129	105.2	82.6	123.8
131	83.6	78.2	117.4

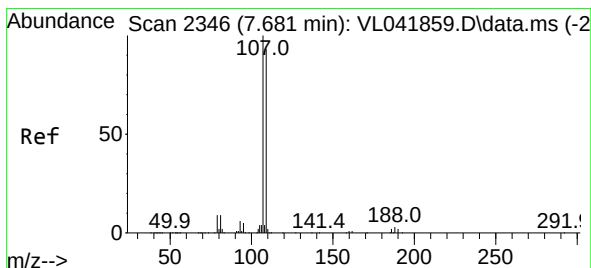
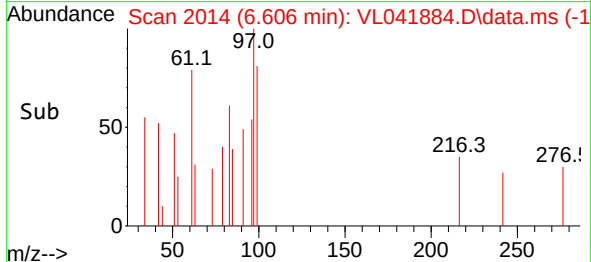
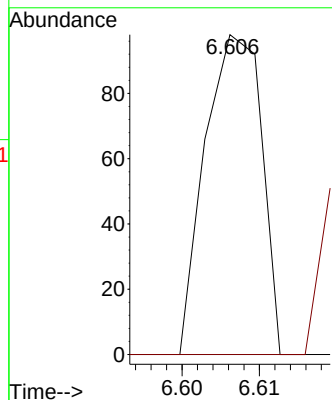
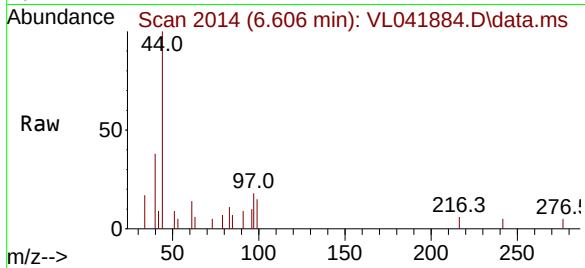




#53
Toluene
Concen: 0.001 ppbv
RT: 6.606 min Scan# 2014
Delta R.T. -0.363 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

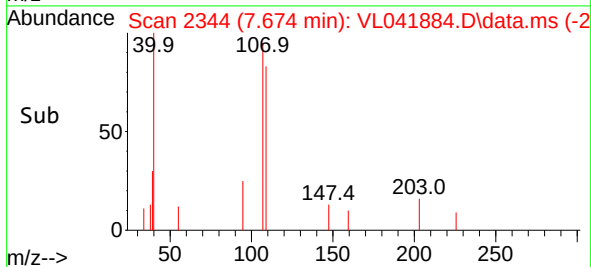
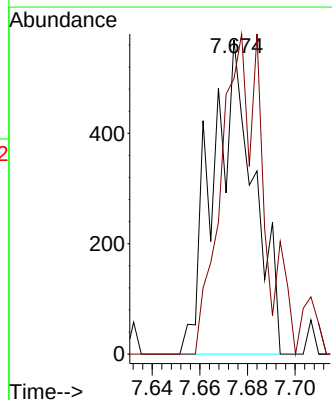
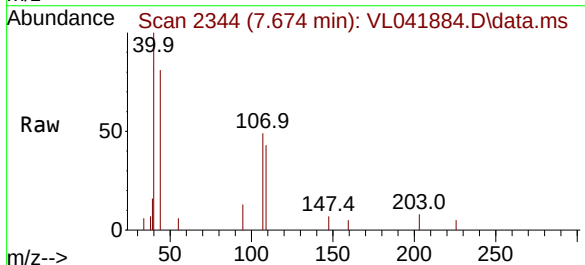
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

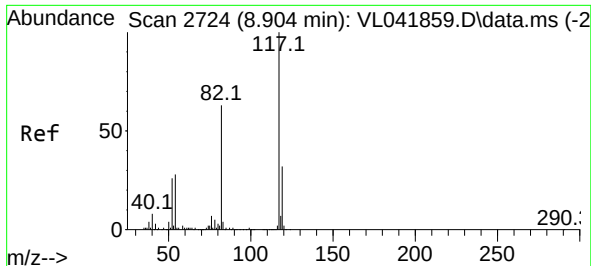
Tgt Ion: 91 Resp: 50
Ion Ratio Lower Upper
91 100
92 70.0 47.2 70.8



#54
1,2-Dibromoethane
Concen: 0.035 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. -0.007 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 107 Resp: 683
Ion Ratio Lower Upper
107 100
109 87.7 74.6 112.0

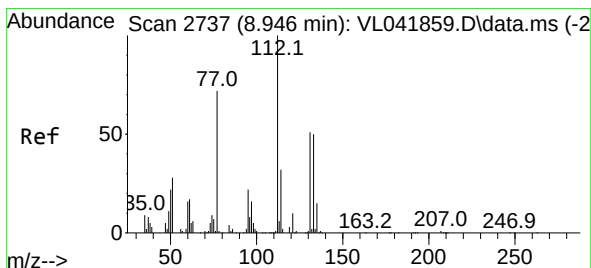
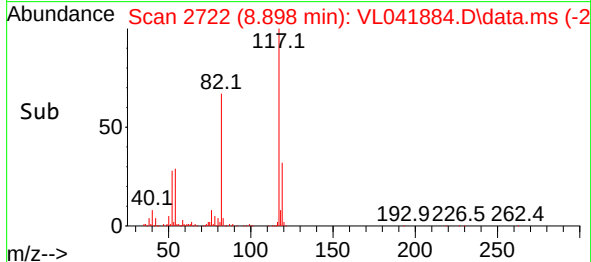
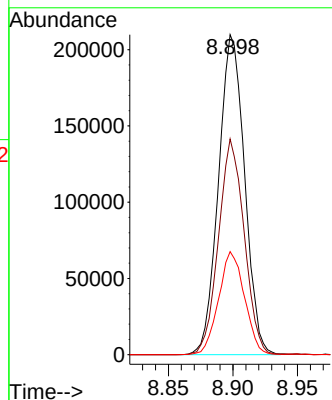
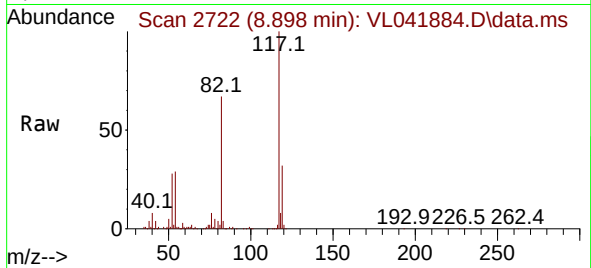




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

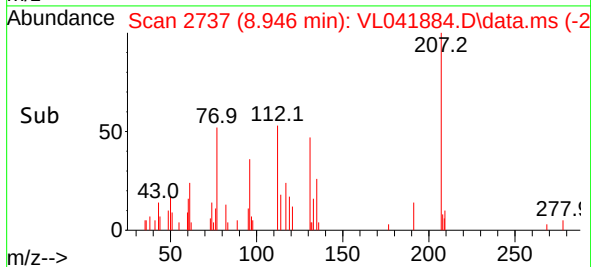
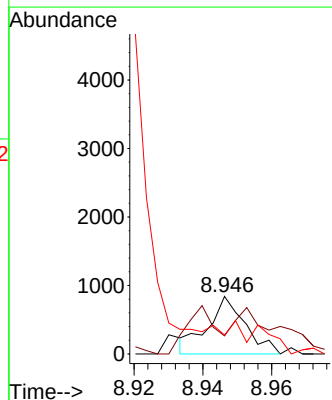
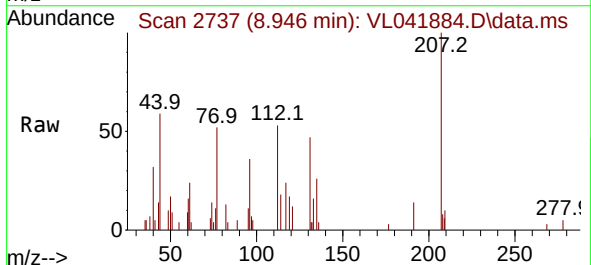
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

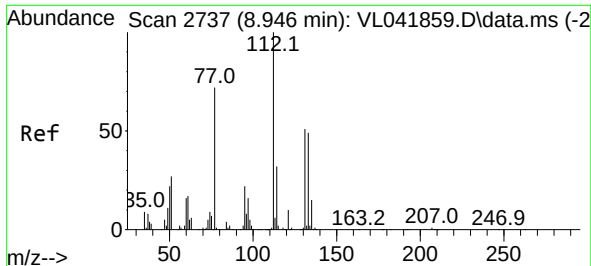
Tgt Ion:117 Resp: 294802
Ion Ratio Lower Upper
117 100
82 66.4 54.5 81.7
119 32.2 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.036 ppbv
RT: 8.946 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion:131 Resp: 631
Ion Ratio Lower Upper
131 100
133 173.2 77.4 116.2#
119 0.0 49.4 74.0#

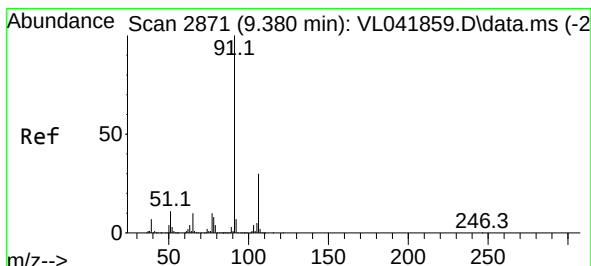
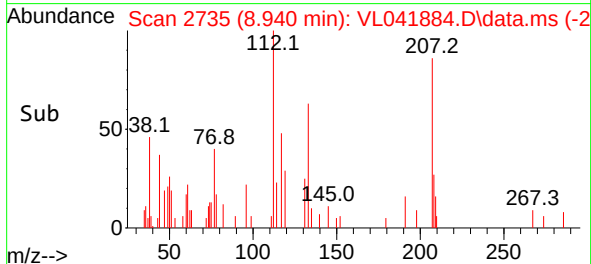
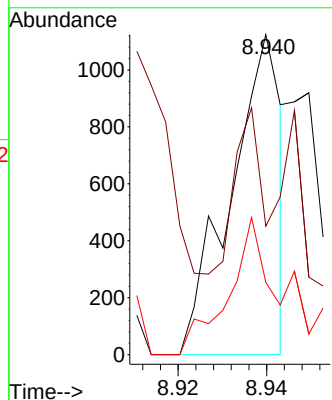
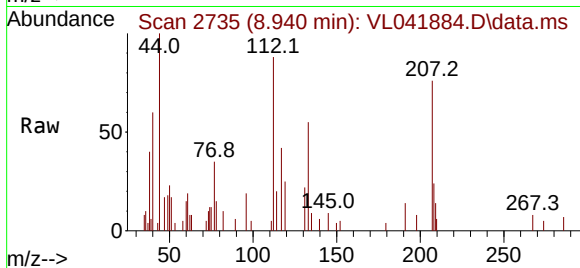




#57
Chlorobenzene
Concen: 0.027 ppbv
RT: 8.940 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

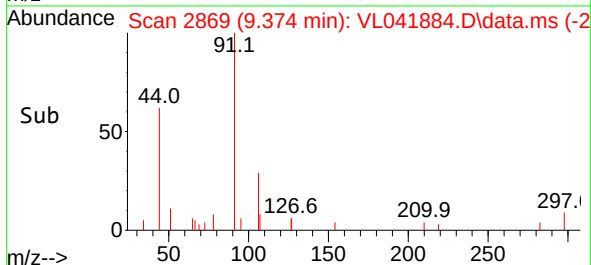
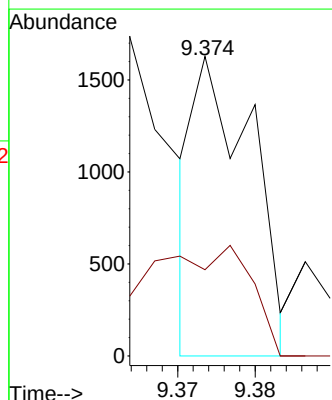
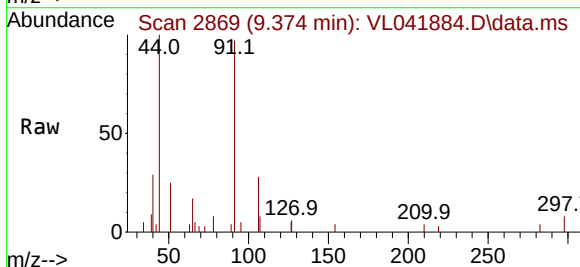
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

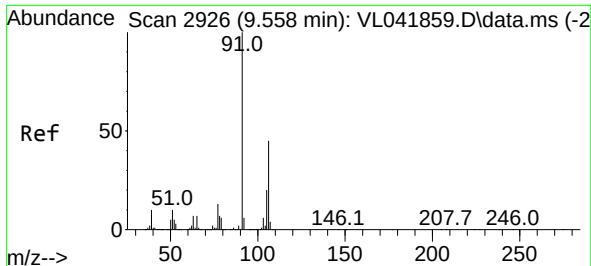
Tgt Ion:112 Resp: 892
Ion Ratio Lower Upper
112 100
77 0.0 58.3 87.5#
114 22.6 28.9 35.3#



#58
Ethyl Benzene
Concen: 0.014 ppbv
RT: 9.374 min Scan# 2869
Delta R.T. -0.007 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 91 Resp: 834
Ion Ratio Lower Upper
91 100
106 33.6 24.2 36.2





#59

m/p-Xylene

Concen: 0.009 ppbv

RT: 9.552 min Scan# 2926

Delta R.T. -0.007 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

Instrument :

MSVOA_L

ClientSampleId :

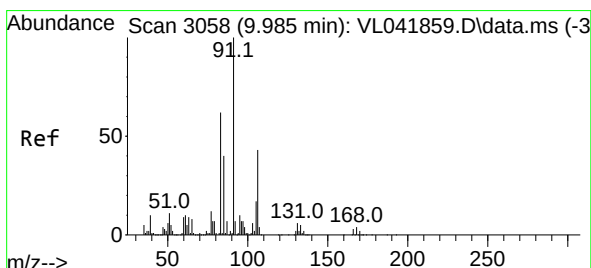
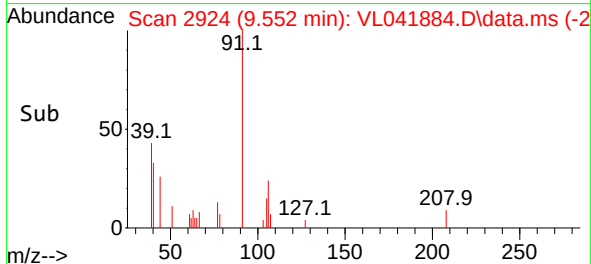
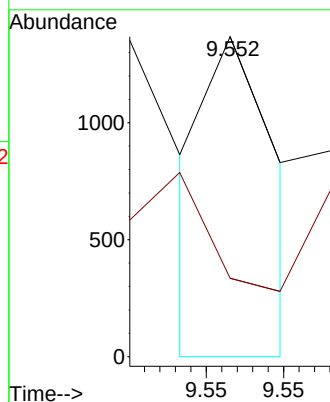
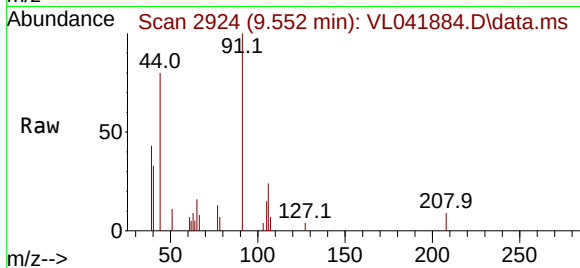
MDL 0.03

Tgt Ion: 91 Resp: 428

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 0.031 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. -0.007 min

Lab File: VL041884.D

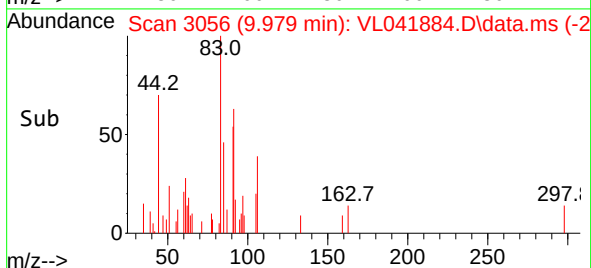
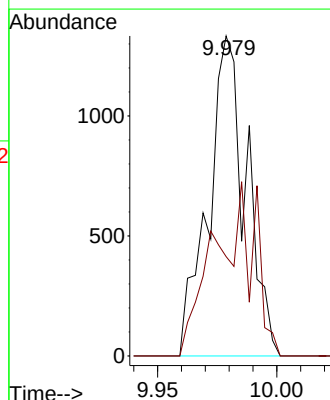
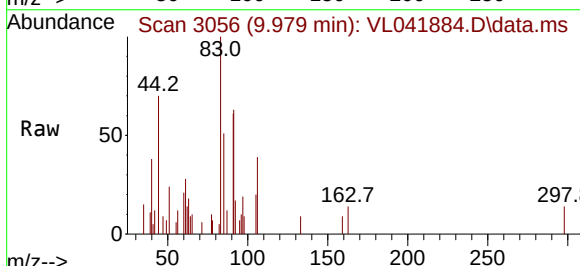
Acq: 10 Jan 2025 00:47

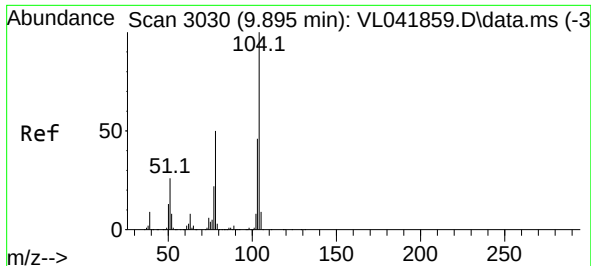
Tgt Ion: 91 Resp: 1469

Ion Ratio Lower Upper

91 100

106 57.4 21.4 64.3

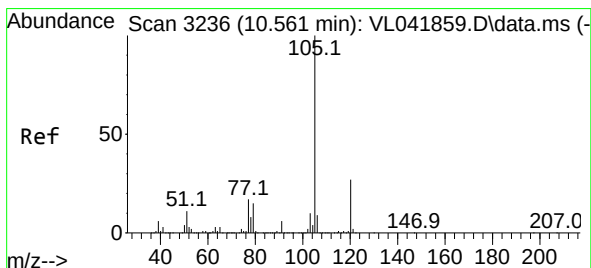
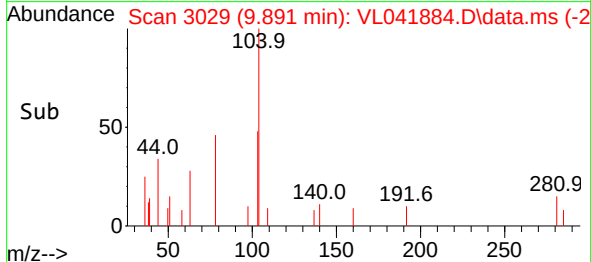
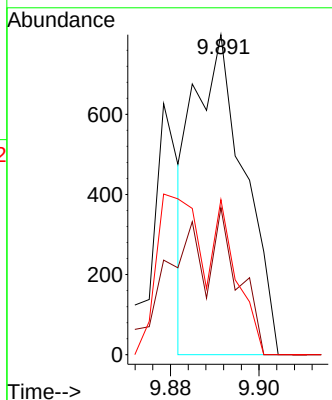
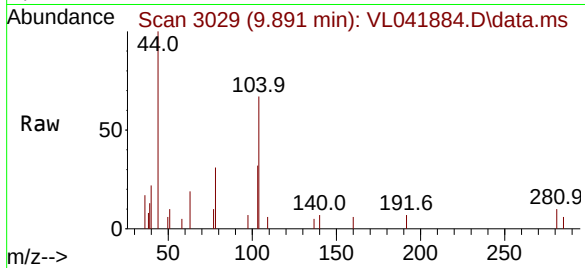




#61
Styrene
Concen: 0.027 ppbv
RT: 9.891 min Scan# 3030
Delta R.T. -0.003 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

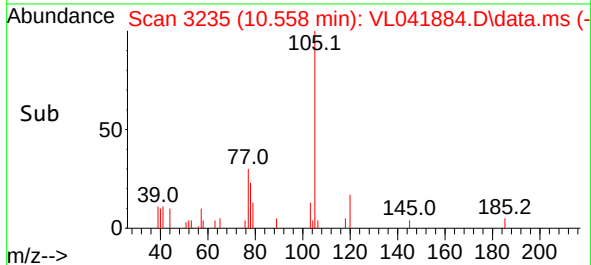
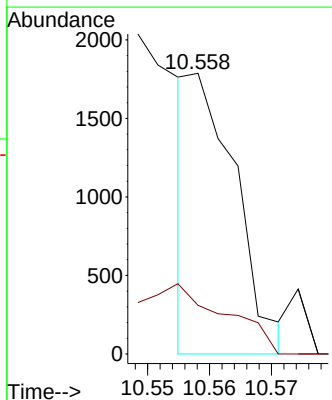
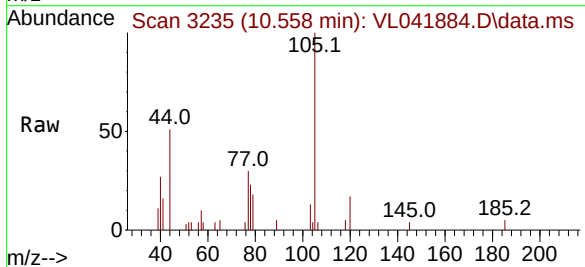
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

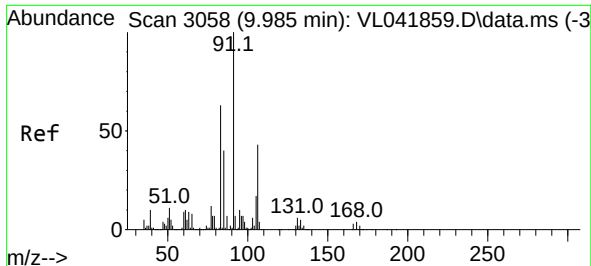
Tgt Ion:104 Resp: 636
Ion Ratio Lower Upper
104 100
78 54.4 40.7 61.1
103 0.0 37.0 55.6#



#62
Isopropylbenzene
Concen: 0.013 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion:105 Resp: 932
Ion Ratio Lower Upper
105 100
120 53.9 20.3 30.5#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.031 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. -0.007 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

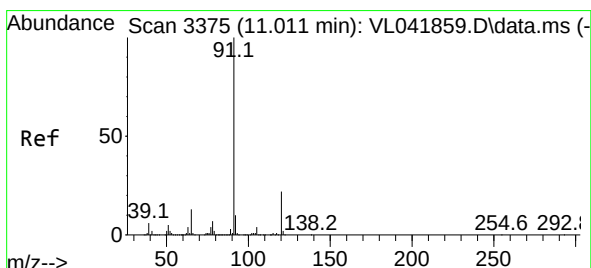
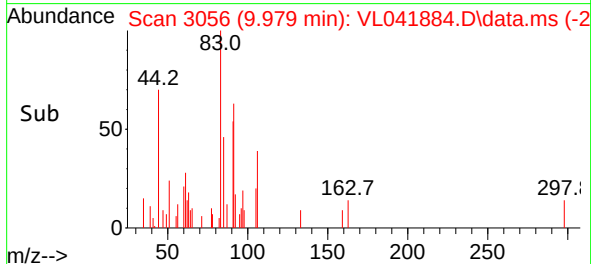
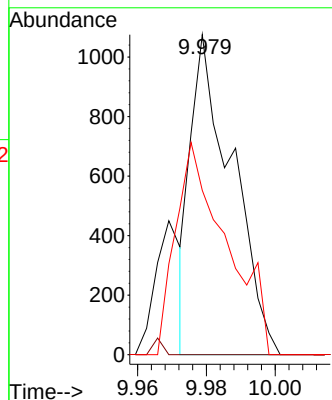
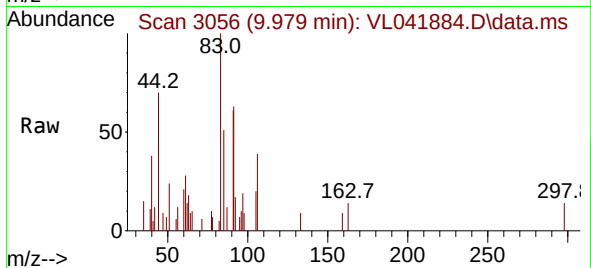
Tgt Ion: 83 Resp: 899

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 81.1 32.1 96.3



#64

n-propylbenzene

Concen: 0.028 ppbv

RT: 11.002 min Scan# 3372

Delta R.T. -0.010 min

Lab File: VL041884.D

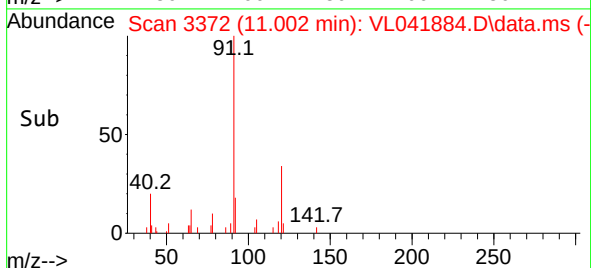
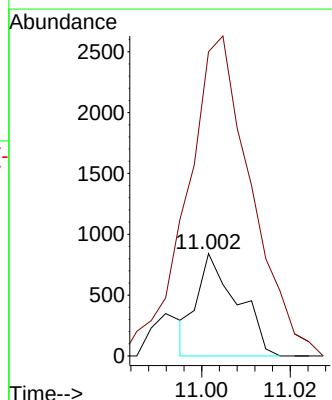
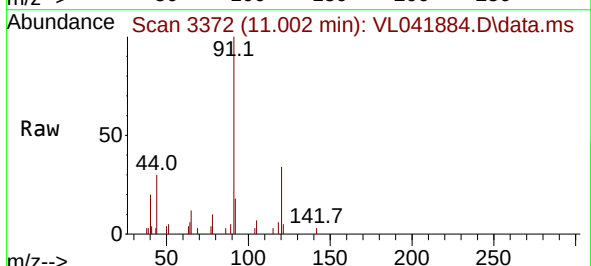
Acq: 10 Jan 2025 00:47

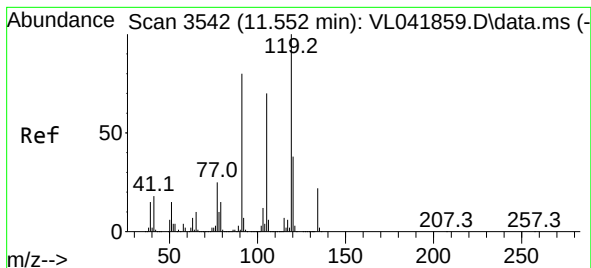
Tgt Ion: 120 Resp: 531

Ion Ratio Lower Upper

120 100

91 504.7 376.9 565.3

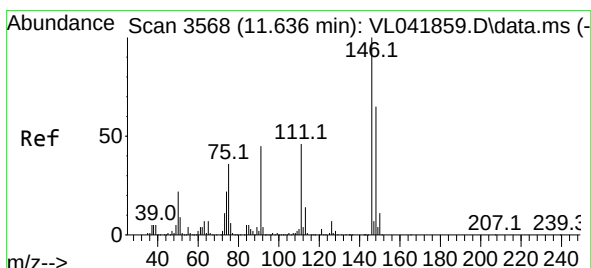
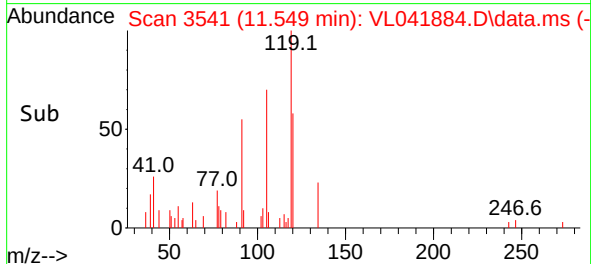
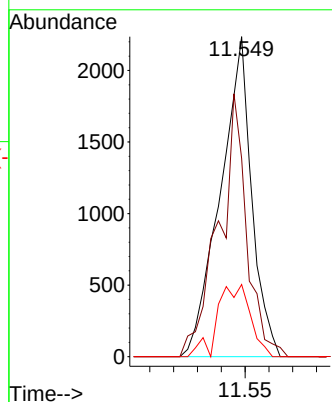
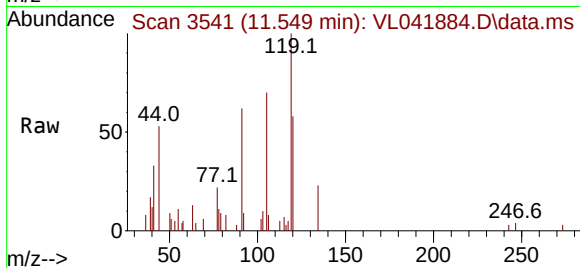




#65
tert-Butylbenzene
Concen: 0.031 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

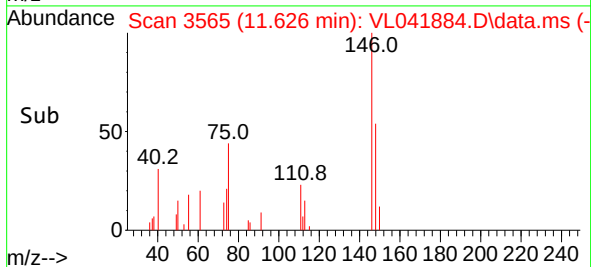
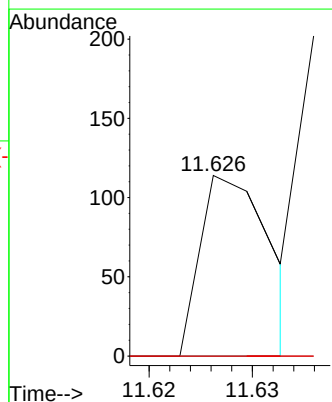
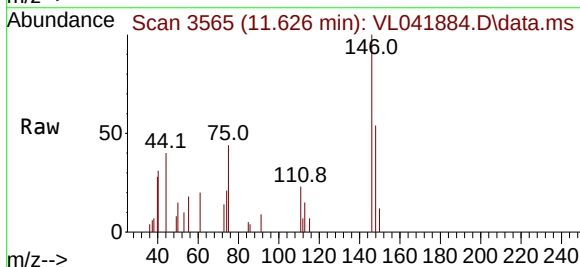
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

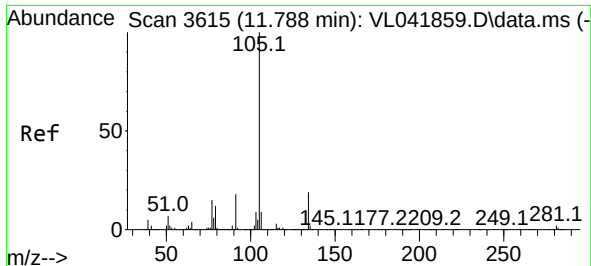
Tgt Ion:	119	Resp:	2047
Ion	Ratio	Lower	Upper
119	100		
91	73.4	64.6	97.0
134	23.6	16.9	25.3



#66
Benzyl Chloride
Concen: 0.008 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.010 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion:	91	Resp:	54
Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.9	20.9#
128	0.0	4.8	7.2#

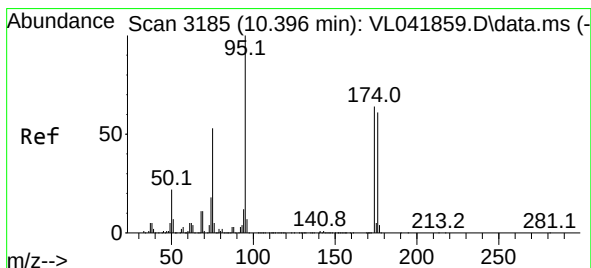
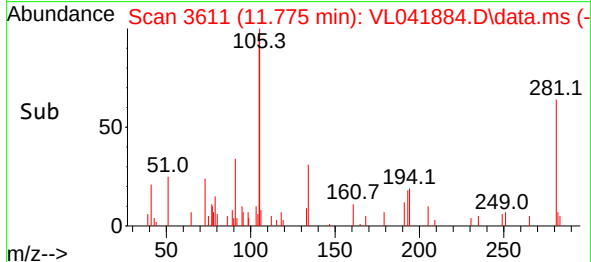
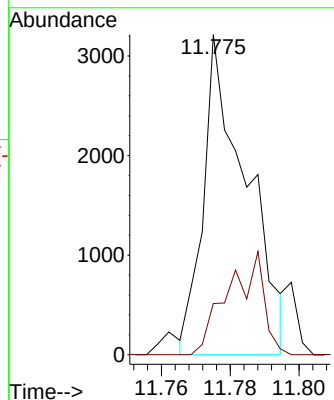
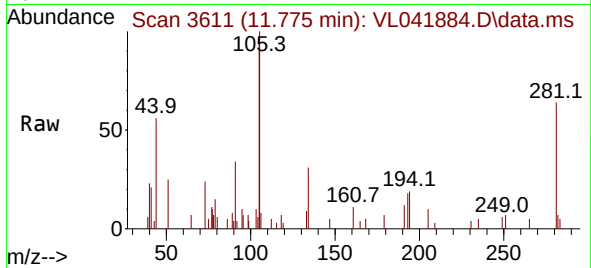




#67
sec-Butylbenzene
Concen: 0.031 ppbv
RT: 11.775 min Scan# 3611
Delta R.T. -0.013 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

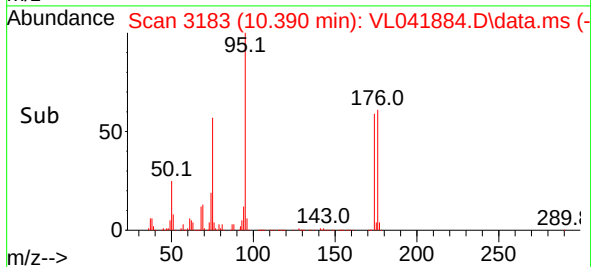
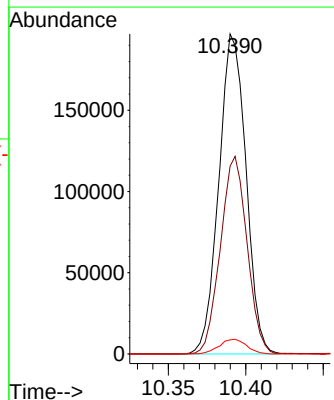
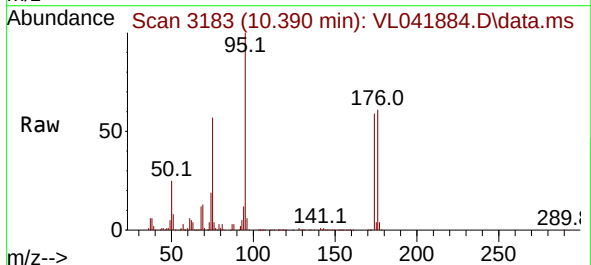
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

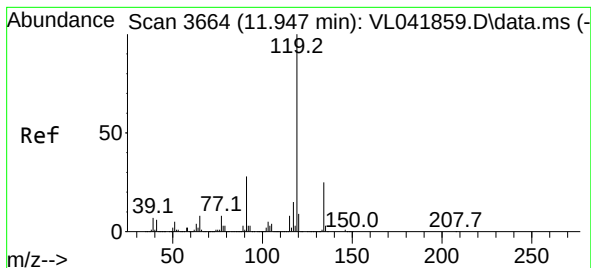
Tgt Ion:105 Resp: 2771
Ion Ratio Lower Upper
105 100
134 0.0 15.4 23.2#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.134 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. -0.007 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 95 Resp: 239551
Ion Ratio Lower Upper
95 100
174 60.8 51.1 76.7
175 4.7 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.011 ppbv

RT: 11.943 min Scan# 3

Delta R.T. -0.003 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

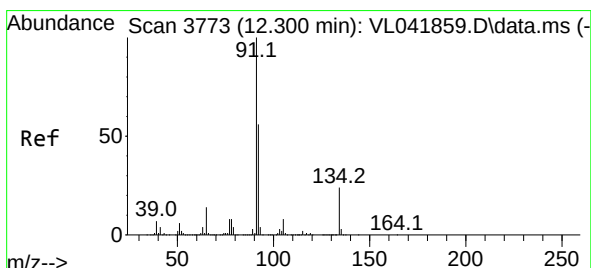
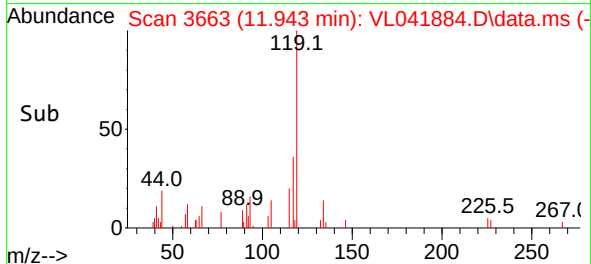
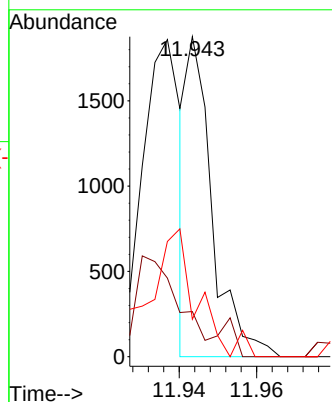
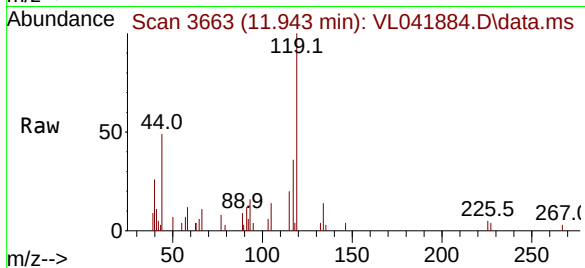
Tgt Ion:119 Resp: 846

Ion Ratio Lower Upper

119 100

134 0.0 20.3 30.5#

91 75.2 22.6 34.0#



#70

n-Butylbenzene

Concen: 0.026 ppbv

RT: 12.296 min Scan# 3772

Delta R.T. -0.003 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

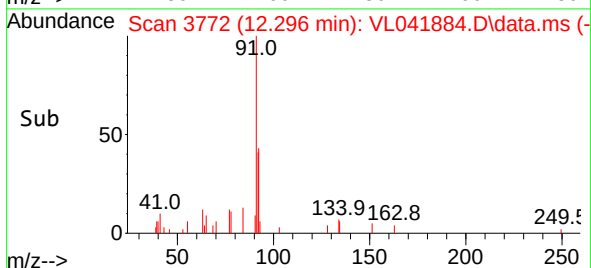
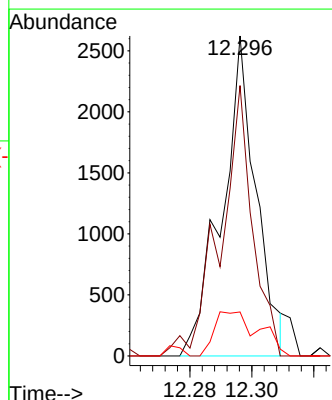
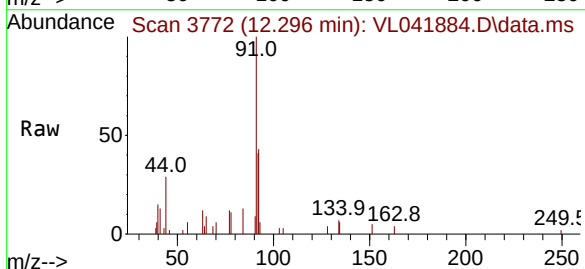
Tgt Ion: 91 Resp: 2007

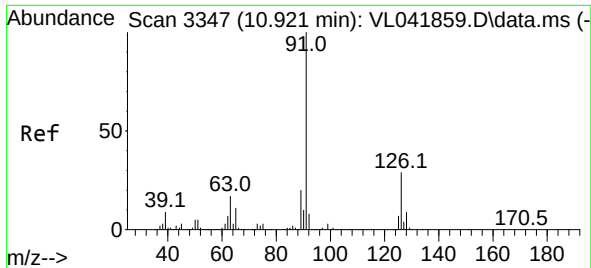
Ion Ratio Lower Upper

91 100

92 80.0 43.8 65.8#

134 19.5 19.3 28.9

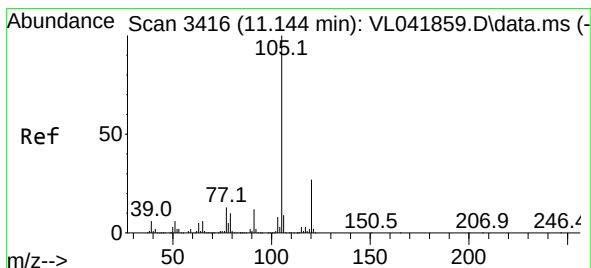
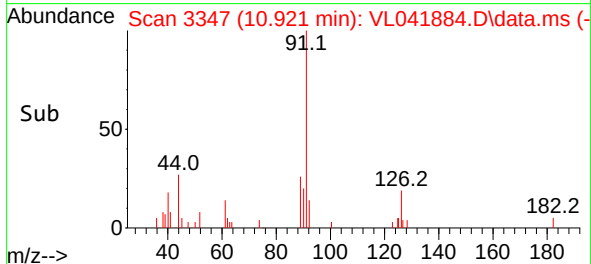
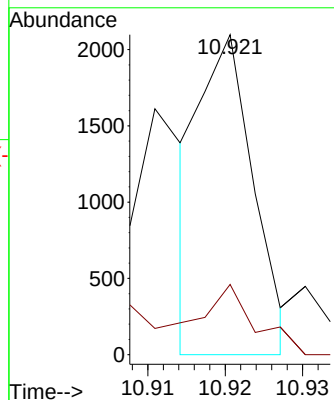
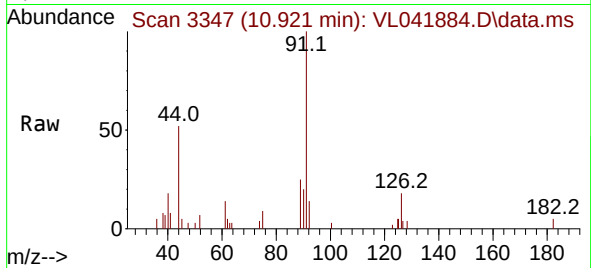




#71
2-Chlorotoluene
Concen: 0.018 ppbv
RT: 10.921 min Scan# 3107
Delta R.T. -0.000 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

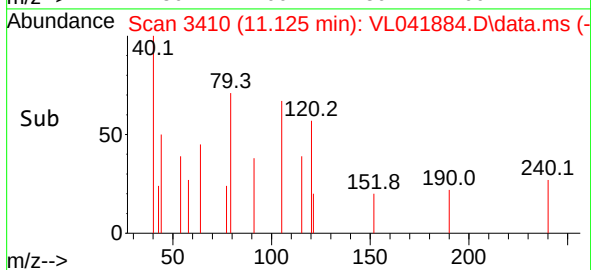
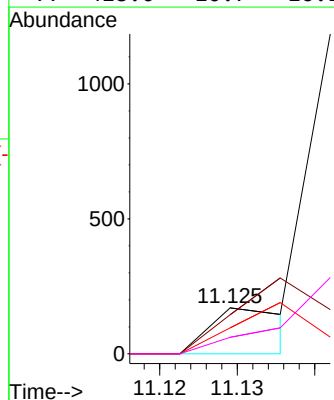
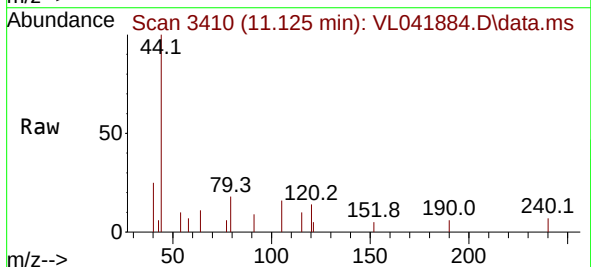
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

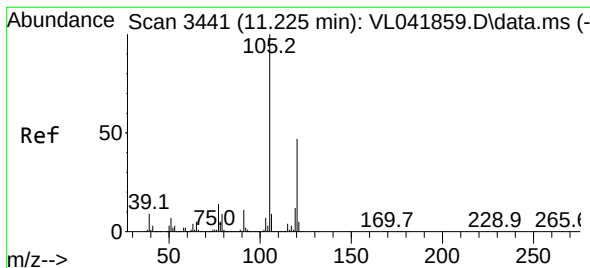
Tgt Ion: 91 Resp: 1007
Ion Ratio Lower Upper
91 100
126 39.6 11.6 46.6



#72
4-Ethyltoluene
Concen: 0.001 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. -0.020 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion: 105 Resp: 61
Ion Ratio Lower Upper
105 100
120 0.0 23.5 35.3#
91 0.0 9.8 14.8#
77 418.0 10.7 16.1#





#73

1,3,5-Trimethylbenzene

Concen: 0.029 ppbv

RT: 11.212 min Scan# 3441

Delta R.T. -0.013 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

Instrument :

MSVOA_L

ClientSampleId :

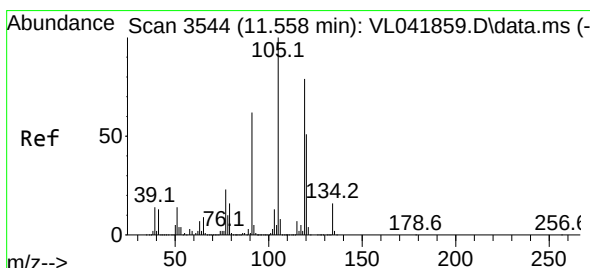
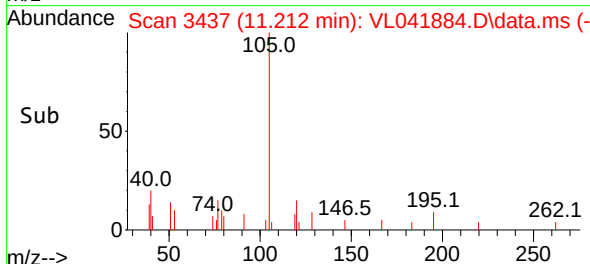
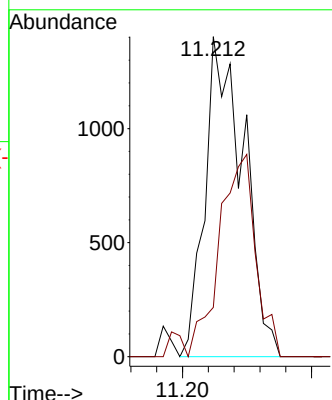
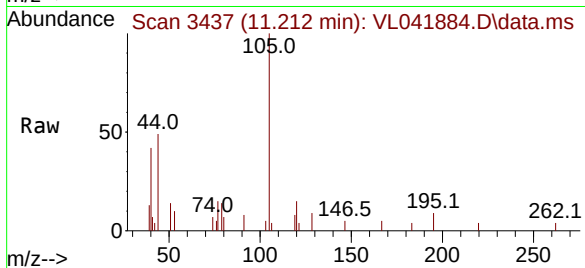
MDL 0.03

Tgt Ion:105 Resp: 1456

Ion Ratio Lower Upper

105 100

120 15.4 37.2 55.8#



#74

1,2,4-Trimethylbenzene

Concen: 0.019 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. -0.007 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

Tgt Ion:105 Resp: 1027

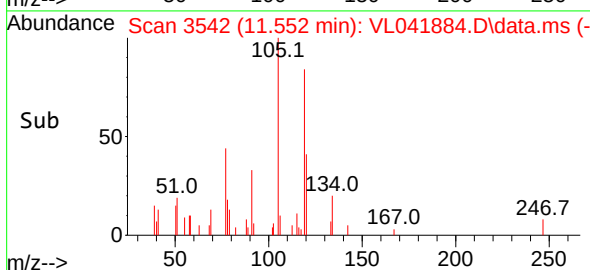
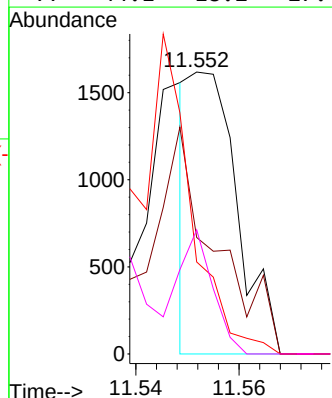
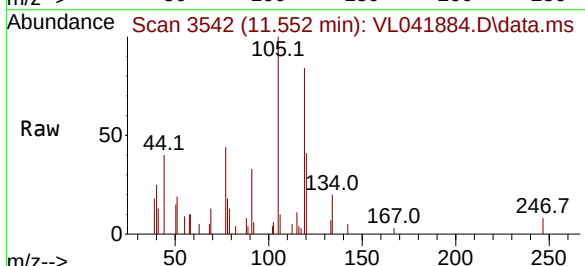
Ion Ratio Lower Upper

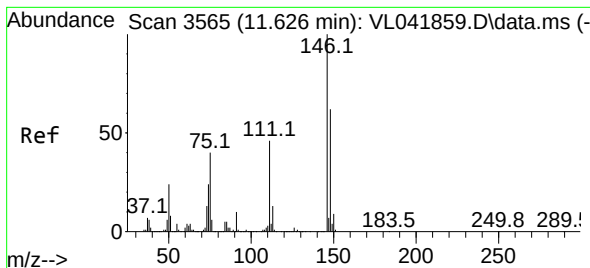
105 100

120 41.3 41.1 61.7

91 32.6 50.0 75.0#

77 44.1 18.2 27.4#





#75

1,3-Dichlorobenzene

Concen: 0.025 ppbv

RT: 11.620 min Scan# 3565

Delta R.T. -0.007 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

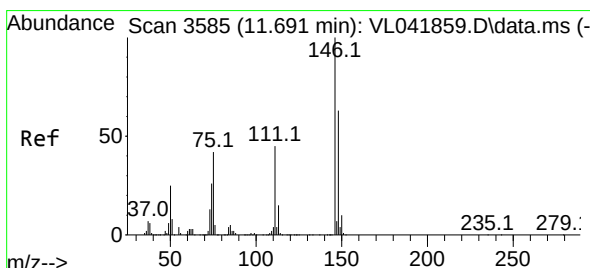
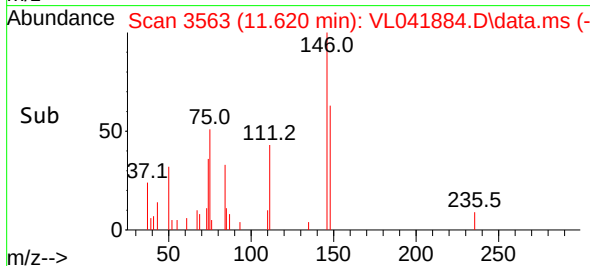
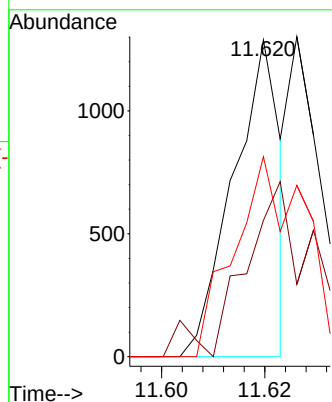
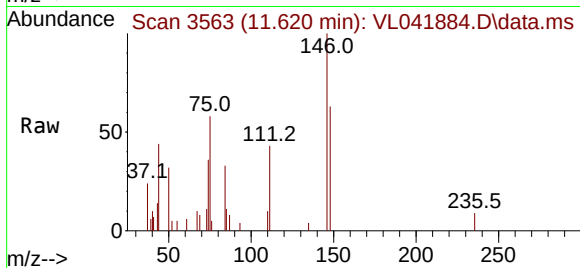
Tgt Ion:146 Resp: 818

Ion Ratio Lower Upper

146 100

111 0.0 23.2 69.5#

148 100.6 31.6 94.7#



#76

1,4-Dichlorobenzene

Concen: 0.040 ppbv

RT: 11.688 min Scan# 3584

Delta R.T. -0.003 min

Lab File: VL041884.D

Acq: 10 Jan 2025 00:47

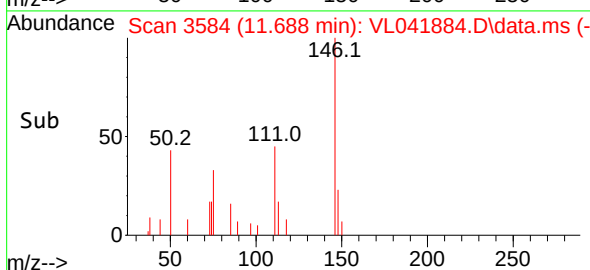
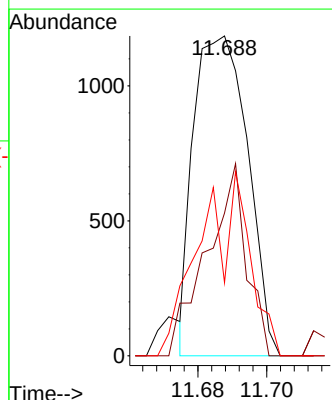
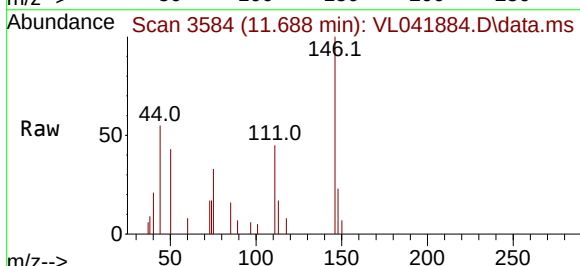
Tgt Ion:146 Resp: 1294

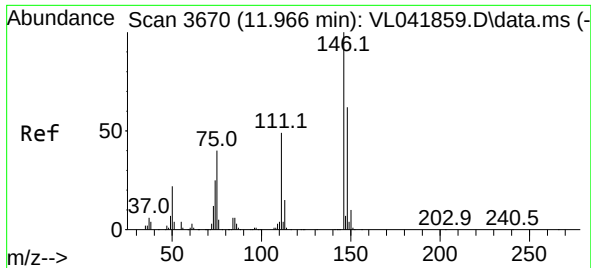
Ion Ratio Lower Upper

146 100

111 46.4 22.1 66.1

148 52.3 31.2 93.6

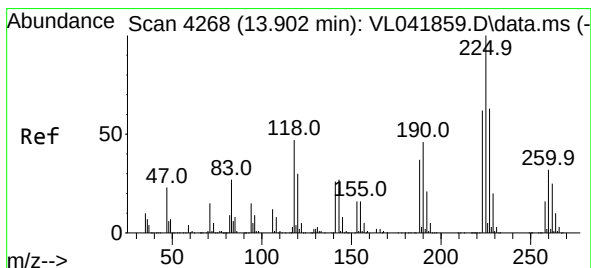
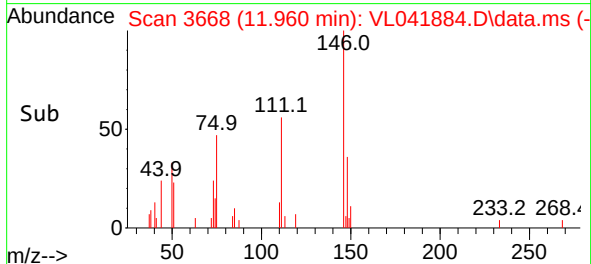
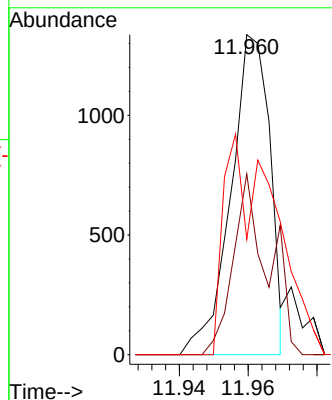
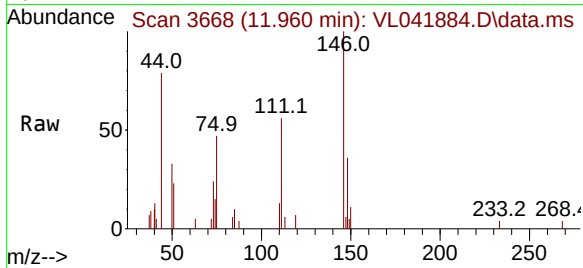




#77
1,2-Dichlorobenzene
Concen: 0.035 ppbv
RT: 11.960 min Scan# 30
Delta R.T. -0.007 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

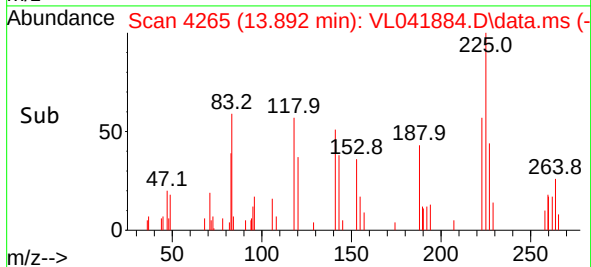
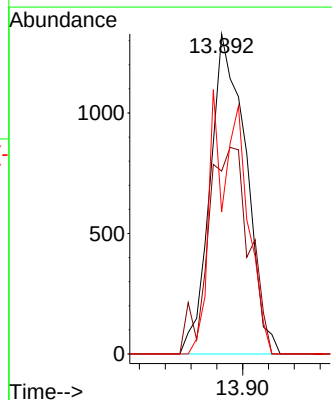
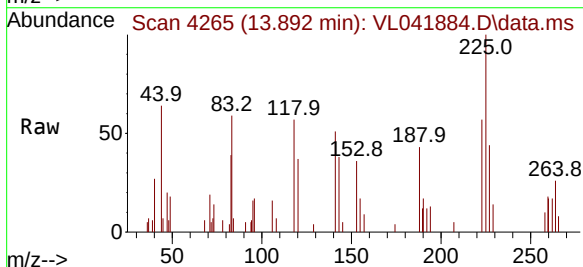
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

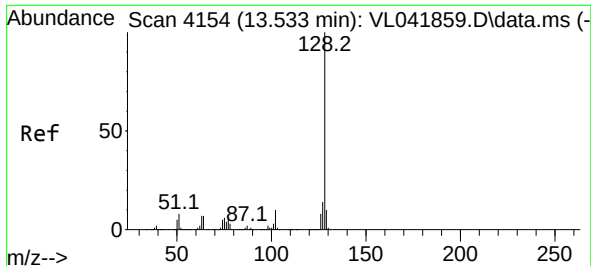
Tgt Ion:146 Resp: 1059
Ion Ratio Lower Upper
146 100
111 50.4 24.1 72.3
148 90.1 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.048 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.010 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

Tgt Ion:225 Resp: 1273
Ion Ratio Lower Upper
225 100
223 74.9 50.6 75.8
227 76.0 50.9 76.3

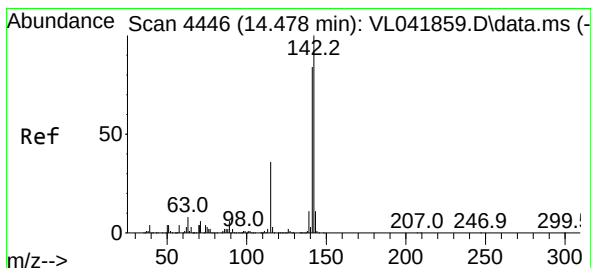
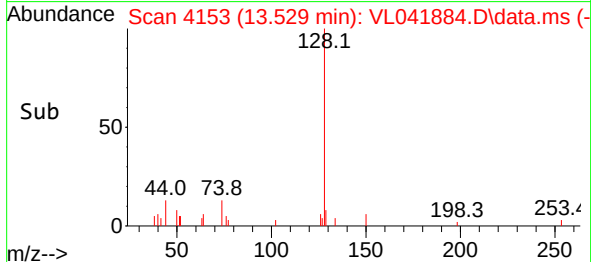
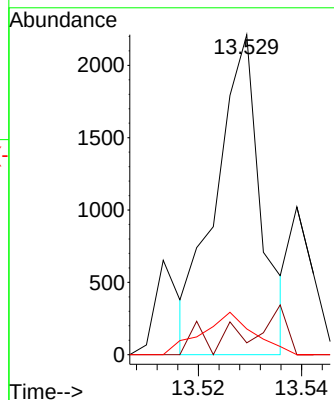
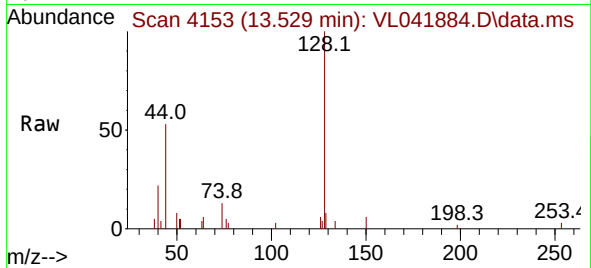




#79
Naphthalene
Concen: 0.023 ppbv
RT: 13.529 min Scan# 4153
Delta R.T. -0.003 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

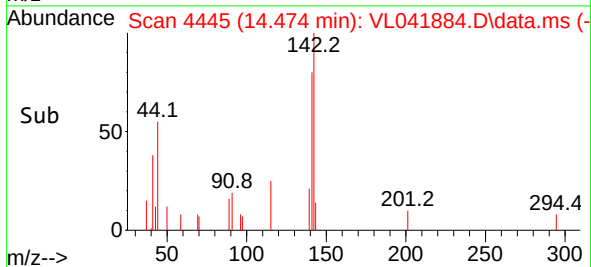
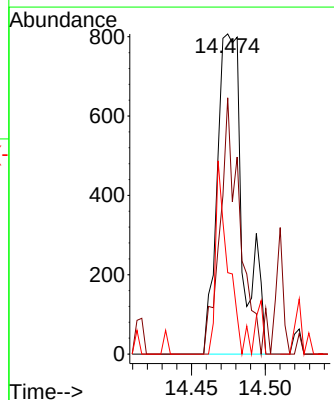
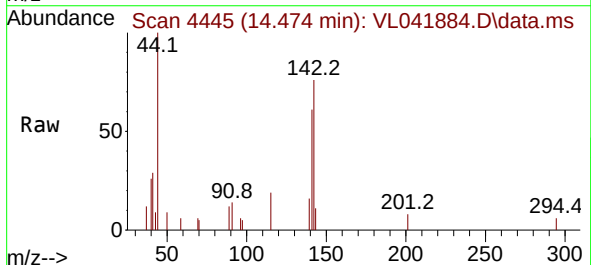
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

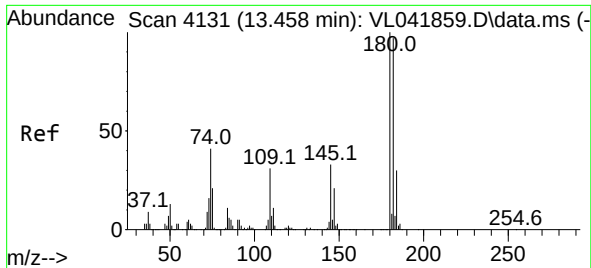
Tgt Ion:128 Resp: 1336
Ion Ratio Lower Upper
128 100
127 4.1 10.8 16.2#
129 6.0 8.2 12.4#



#80
Naphthalene,2-methyl-
Concen: 0.031 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. -0.003 min
Lab File: VL041884.D
Acq: 10 Jan 2025 00:47

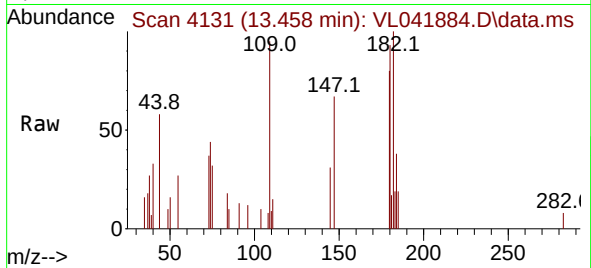
Tgt Ion:142 Resp: 969
Ion Ratio Lower Upper
142 100
141 64.1 68.2 102.4#
115 34.2 29.4 44.2





#81
 1,2,4-Trichlorobenzene
 Concen: 0.044 ppbv
 RT: 13.458 min Scan# 4131
 Delta R.T. -0.000 min
 Lab File: VL041884.D
 Acq: 10 Jan 2025 00:47

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03



Tgt Ion:	180	Resp:	1206
Ion	Ratio	Lower	Upper
180	100		
182	87.9	75.8	113.8
184	30.2	24.1	36.1

