

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041883.D
 Acq On : 10 Jan 2025 00:17
 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 03:13:30 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	2.797	49	118776	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	347958	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	307447	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	251243	10.191	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	1326	0.068	ppbv #	88
3) Chlorodifluoromethane	1.479	51	1256	0.059	ppbv #	86
4) Chloromethane	1.538	50	487	0.064	ppbv #	63
5) Vinyl Chloride	1.586	62	297	0.037	ppbv	89
6) Bromomethane	1.673	94	326	0.086	ppbv #	33
7) Chloroethane	1.706	64	119	0.038	ppbv #	46
8) Dichlorotetrafluoroethane	1.560	85	669	0.039	ppbv #	83
9) Propene	1.486	41	929	0.093	ppbv #	40
10) Heptane	4.997	43	344	0.013	ppbv #	1
11) Trichlorofluoromethane	1.560	101	186	0.009	ppbv	85
12) 1,1,2-Trichlorotrifluo...	2.152	101	205	0.013	ppbv #	12
13) Ethanol	1.894	45	2046	3.223	ppbv #	29
14) Bromoethene	1.787	108	298	0.051	ppbv #	38
15) Acetone	1.842	43	3737	0.187	ppbv	94
16) 1,3-Butadiene	1.615	39	282	0.033	ppbv #	1
17) tert-Butyl alcohol	2.055	59	1038	0.046	ppbv #	62
18) 1,1-Dichloroethene	2.039	96	275	0.037	ppbv #	74
19) Isopropyl Alcohol	1.894	45	2046	0.194	ppbv #	83
20) Methylene Chloride	2.068	84	1598	0.234	ppbv #	90
21) Allyl Chloride	2.104	41	1098	0.086	ppbv #	45
22) trans-1,2-Dichloroethene	2.347	96	219	0.026	ppbv #	34
23) Vinyl Acetate	2.483	43	330	0.033	ppbv #	65
24) 1,1-Dichloroethane	2.421	63	643	0.040	ppbv #	88
25) Ethyl Acetate	2.852	43	1334	0.027	ppbv #	77
26) Hexane	2.835	57	810	0.040	ppbv #	1
27) Carbon Disulfide	2.156	76	746	0.038	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	413	0.026	ppbv #	1
29) Chloroform	2.848	83	296	0.010	ppbv	92
30) Cyclohexane	3.878	84	207	0.012	ppbv #	1
31) cis-1,2-Dichloroethene	2.732	61	685	0.034	ppbv #	67
32) 1,1,1-Trichloroethane	3.382	97	963	0.034	ppbv	86
34) 2-Butanone	2.573	43	1581	0.055	ppbv	92
35) Carbon Tetrachloride	3.777	117	421	0.016	ppbv #	51
36) Benzene	3.667	78	1801	0.045	ppbv #	82
37) 1,2-Dichloroethane	3.230	62	869	0.041	ppbv #	88
38) Trichloroethene	4.564	130	214	0.013	ppbv #	38
39) 1,2-Dichloropropane	3.971	63	86812	6.045	ppbv #	23
40) 1,4-Dioxane	4.645	88	175	0.024	ppbv #	17
41) Tetrahydrofuran	3.078	42	382	0.022	ppbv #	37
42) Bromodichloromethane	4.518	83	547	0.019	ppbv #	47
43) Methyl Methacrylate	4.904	69	68	0.004	ppbv #	1
44) 2,2,4-Trimethylpentane	4.658	57	1687	0.025	ppbv #	56
45) t-1,3-Dichloropropene	6.441	75	166	0.010	ppbv #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

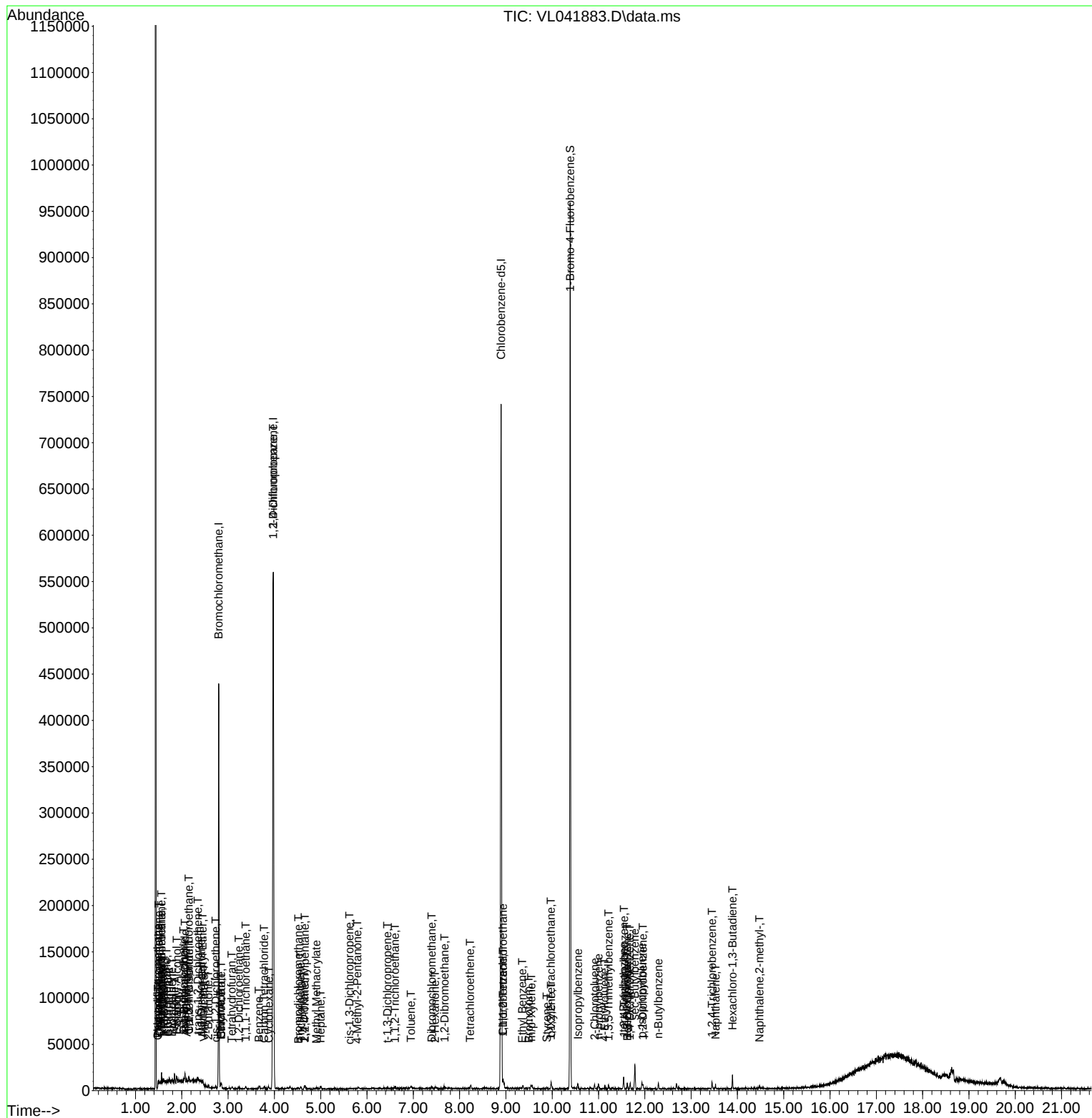
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

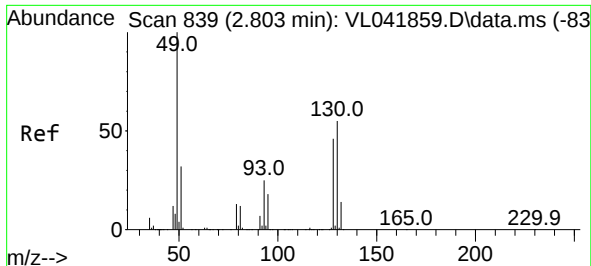
Quant Time: Jan 10 03:13:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.619	75	161	0.007	ppbv	#	63
47) 1,1,2-Trichloroethane	6.603	97	145	0.010	ppbv	#	21
48) Dibromochloromethane	7.396	129	400	0.017	ppbv	#	10
49) Bromoform	9.493	173	371	0.019	ppbv	#	71
50) 4-Methyl-2-Pentanone	5.787	43	158	0.004	ppbv	#	38
51) 2-Hexanone	7.467	43	433	0.013	ppbv	#	28
52) Tetrachloroethene	8.228	164	158	0.010	ppbv	#	26
53) Toluene	6.949	91	988	0.021	ppbv	#	11
54) 1,2-Dibromoethane	7.677	107	341	0.017	ppbv		84
56) 1,1,1,2-Tetrachloroethane	8.933	131	167	0.009	ppbv	#	8
57) Chlorobenzene	8.936	112	781	0.023	ppbv	#	62
58) Ethyl Benzene	9.354	91	419	0.007	ppbv		94
59) m/p-Xylene	9.548	91	508	0.010	ppbv	#	100
60) o-Xylene	9.975	91	1368	0.027	ppbv		86
61) Styrene	9.882	104	629	0.025	ppbv	#	76
62) Isopropylbenzene	10.555	105	2655	0.035	ppbv		98
63) 1,1,2,2-Tetrachloroethane	9.969	83	1023	0.034	ppbv	#	93
64) n-propylbenzene	11.001	120	159	0.008	ppbv	#	1
65) tert-Butylbenzene	11.542	119	2202	0.032	ppbv	#	91
66) Benzyl Chloride	11.626	91	52	0.007	ppbv	#	66
67) sec-Butylbenzene	11.781	105	3286	0.035	ppbv		98
69) p-Isopropyltoluene	11.937	119	2496	0.031	ppbv		99
70) n-Butylbenzene	12.290	91	2119	0.026	ppbv	#	93
71) 2-Chlorotoluene	10.917	91	2103	0.036	ppbv		94
72) 4-Ethyltoluene	11.131	105	1801	0.029	ppbv	#	82
73) 1,3,5-Trimethylbenzene	11.215	105	1386	0.027	ppbv	#	78
74) 1,2,4-Trimethylbenzene	11.548	105	1878	0.033	ppbv	#	82
75) 1,3-Dichlorobenzene	11.616	146	742	0.022	ppbv	#	40
76) 1,4-Dichlorobenzene	11.678	146	531	0.016	ppbv	#	24
77) 1,2-Dichlorobenzene	11.960	146	1027	0.032	ppbv		83
78) Hexachloro-1,3-Butadiene	13.892	225	1415	0.052	ppbv		93
79) Naphthalene	13.526	128	2011	0.033	ppbv	#	91
80) Naphthalene,2-methyl-	14.474	142	849	0.026	ppbv		89
81) 1,2,4-Trichlorobenzene	13.448	180	825	0.029	ppbv	#	64

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

Quant Time: Jan 10 03:13:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration

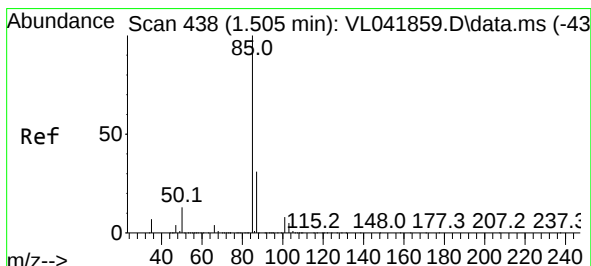
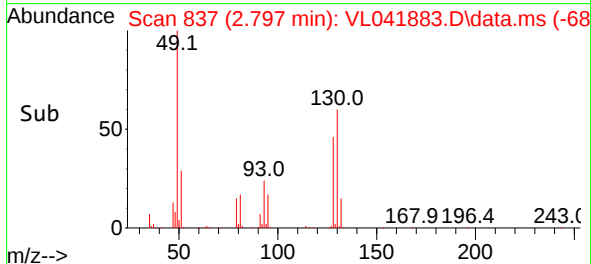
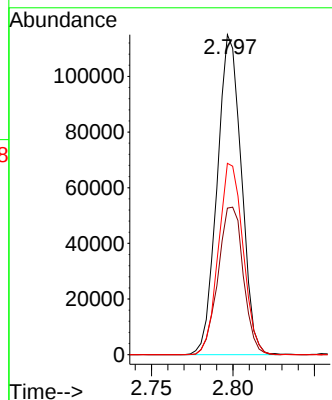
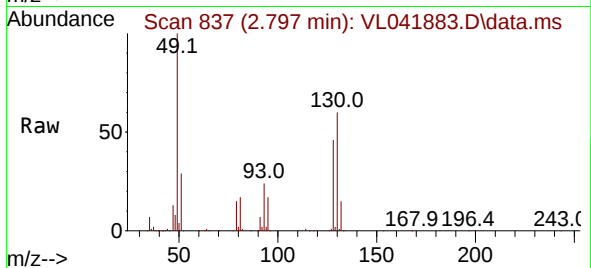




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

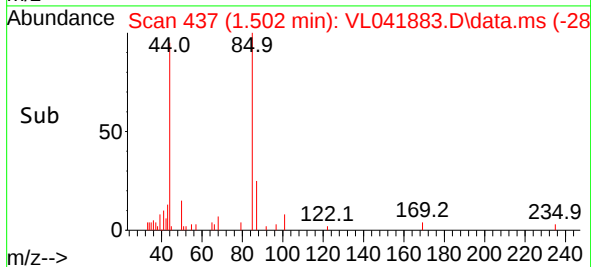
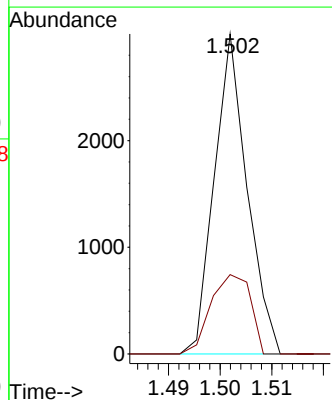
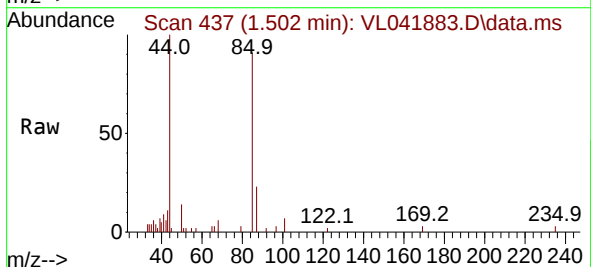
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

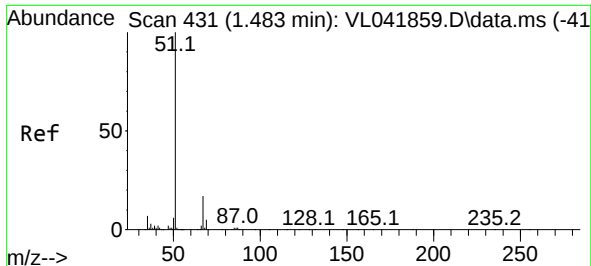
Tgt Ion: 49 Resp: 118776
Ion Ratio Lower Upper
49 100
128 48.1 23.2 69.5
130 60.9 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.068 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 85 Resp: 1326
Ion Ratio Lower Upper
85 100
87 24.8 25.2 37.8#

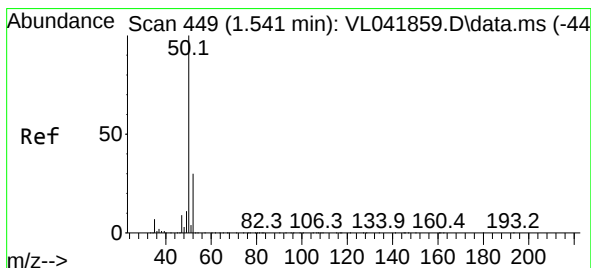
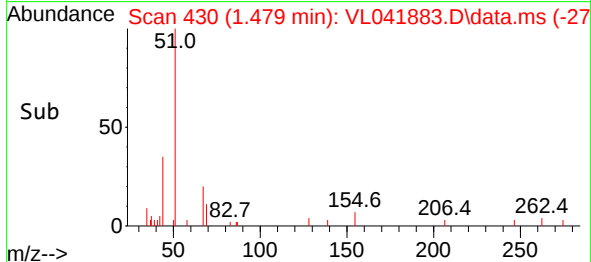
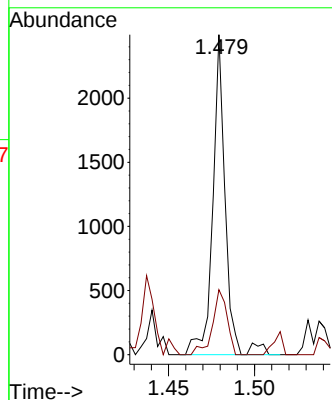
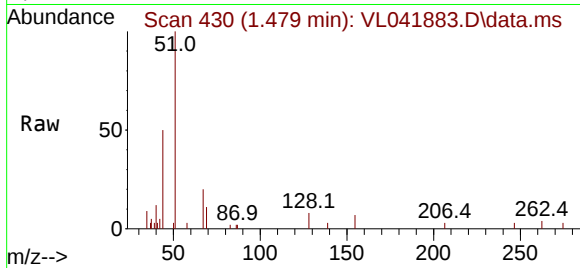




#3
Chlorodifluoromethane
Concen: 0.059 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

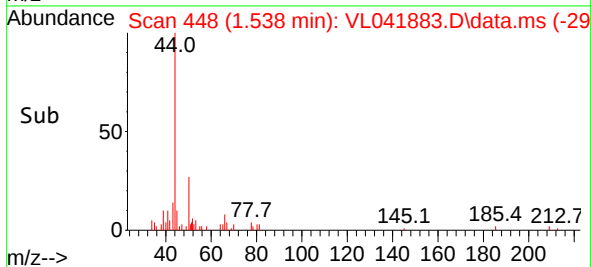
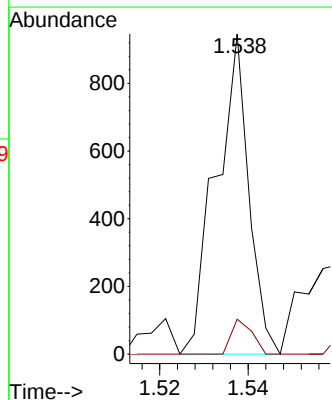
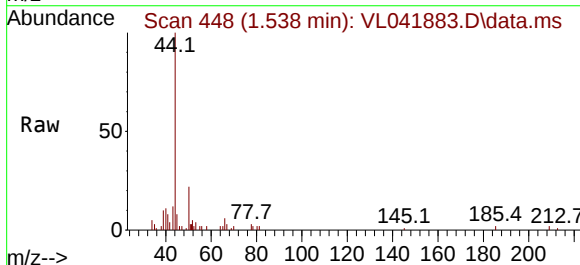
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

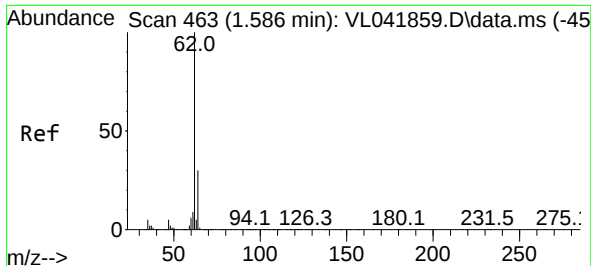
Tgt Ion: 51 Resp: 1256
Ion Ratio Lower Upper
51 100
67 23.6 13.8 20.8#



#4
Chloromethane
Concen: 0.064 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 50 Resp: 487
Ion Ratio Lower Upper
50 100
52 9.7 23.9 35.9#

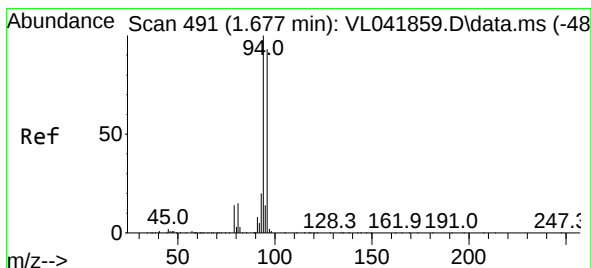
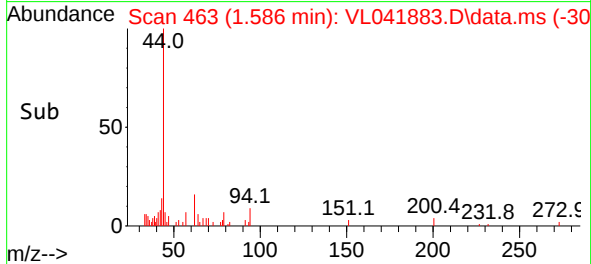
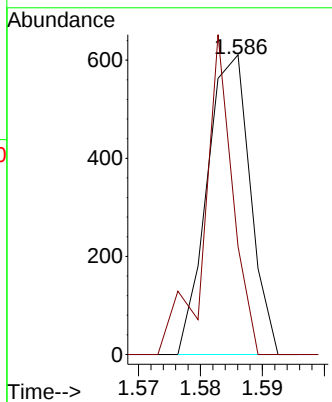
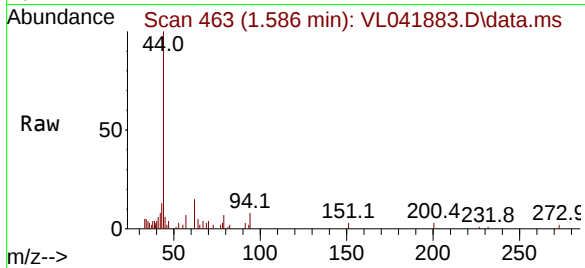




#5
 Vinyl Chloride
 Concen: 0.037 ppbv
 RT: 1.586 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

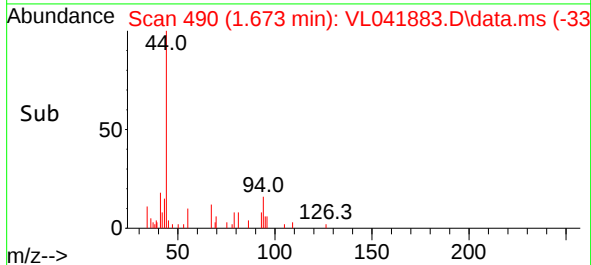
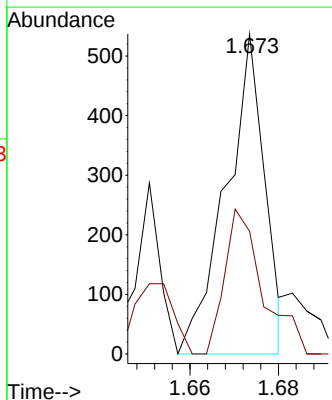
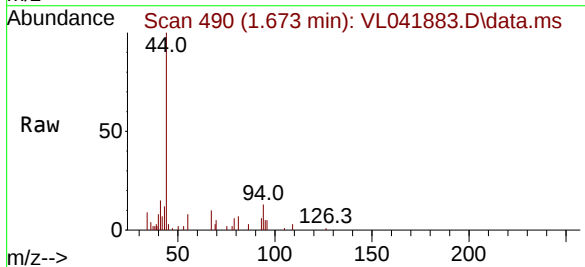
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

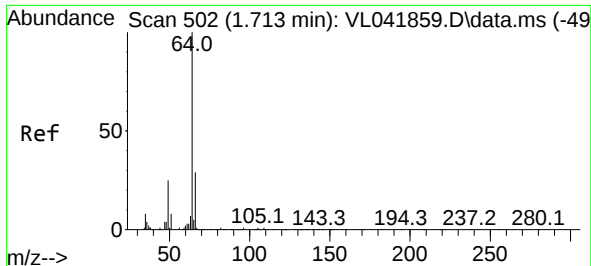
Tgt Ion: 62 Resp: 297
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.1 36.1



#6
 Bromomethane
 Concen: 0.086 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Tgt Ion: 94 Resp: 326
 Ion Ratio Lower Upper
 94 100
 96 28.9 74.8 112.2#

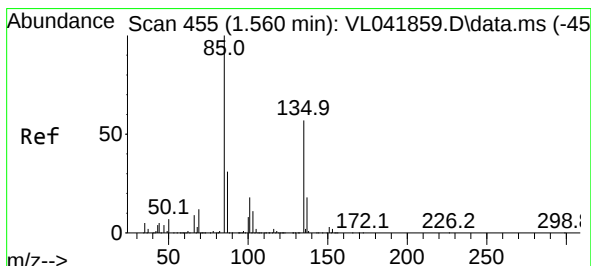
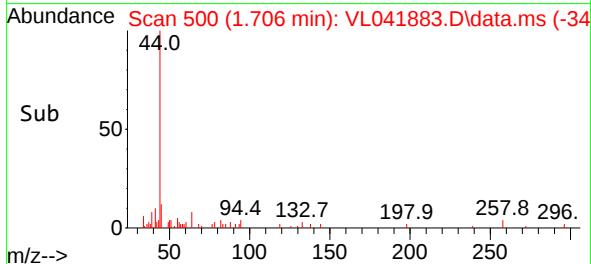
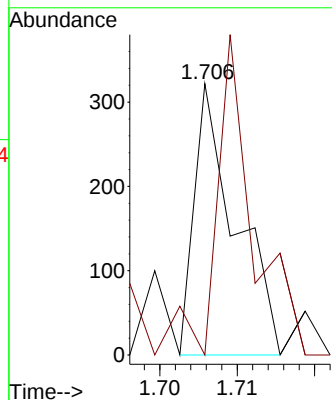
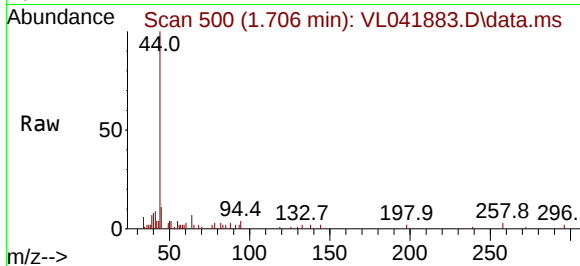




#7
Chloroethane
Concen: 0.038 ppbv
RT: 1.706 min Scan# 502
Delta R.T. -0.007 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

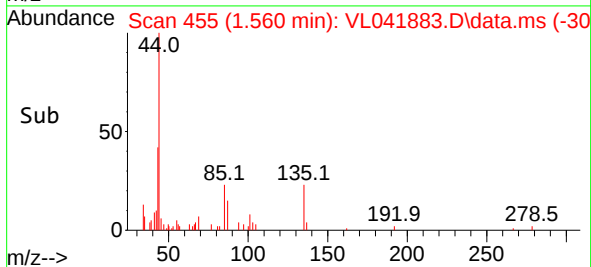
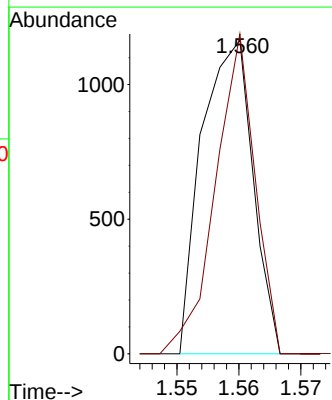
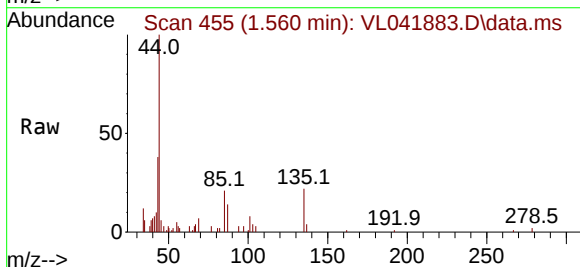
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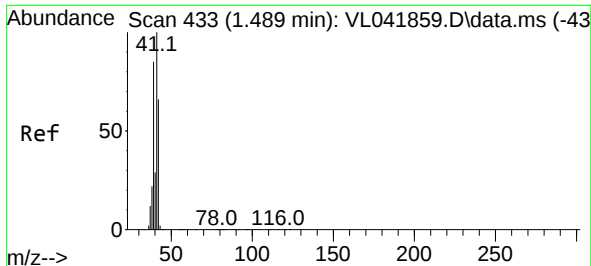
Tgt Ion: 64 Resp: 119
Ion Ratio Lower Upper
64 100
66 0.0 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.039 ppbv
RT: 1.560 min Scan# 455
Delta R.T. -0.000 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 85 Resp: 669
Ion Ratio Lower Upper
85 100
135 79.1 52.2 78.4#

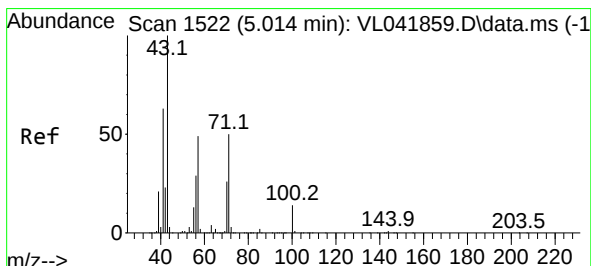
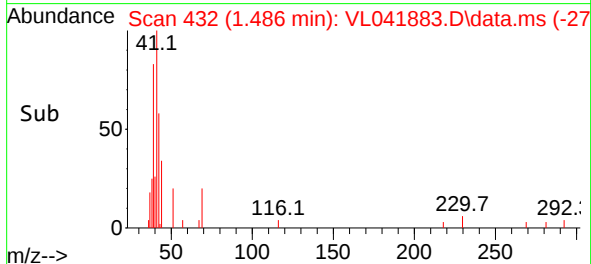
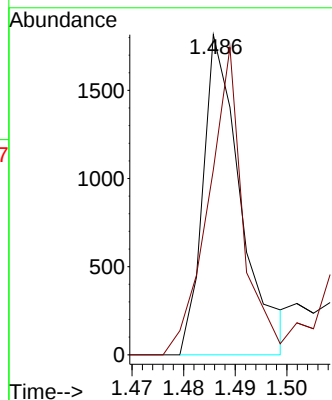
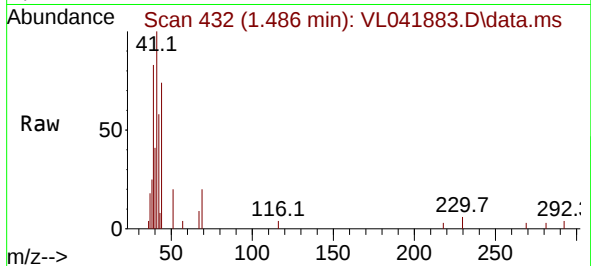




#9
Propene
Concen: 0.093 ppbv
RT: 1.486 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

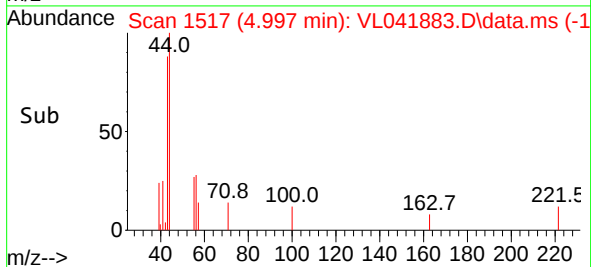
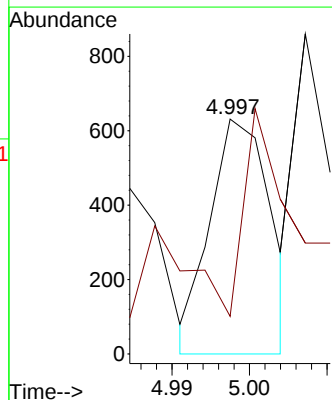
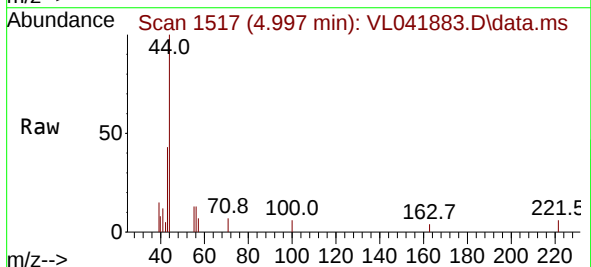
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

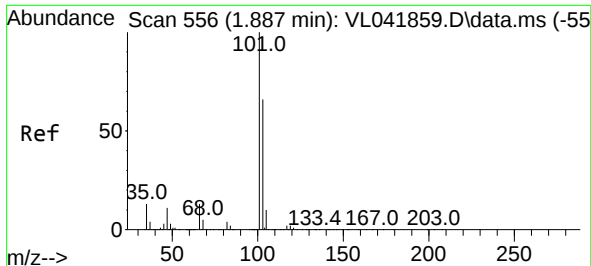
Tgt Ion: 41 Resp: 929
Ion Ratio Lower Upper
41 100
42 114.3 53.0 79.6#



#10
Heptane
Concen: 0.013 ppbv
RT: 4.997 min Scan# 1517
Delta R.T. -0.016 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 43 Resp: 344
Ion Ratio Lower Upper
43 100
57 186.3 40.2 60.2#

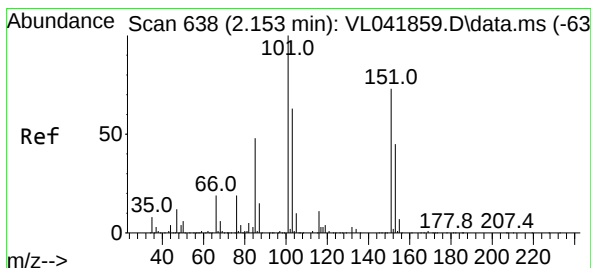
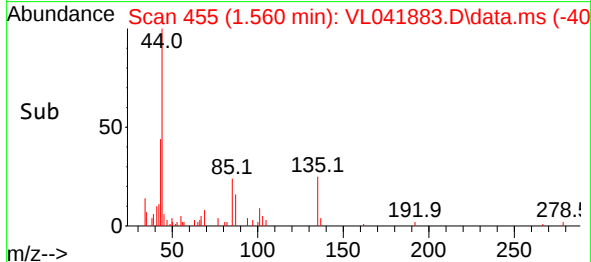
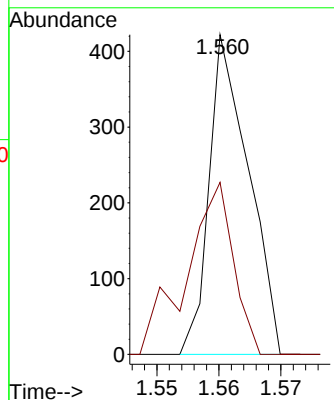
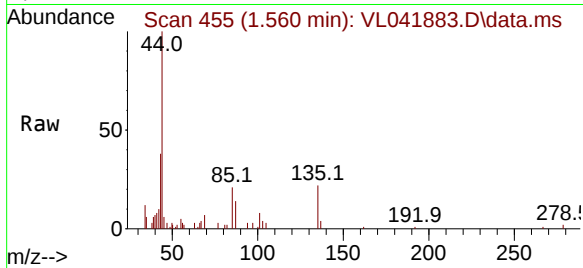




#11
 Trichlorofluoromethane
 Concen: 0.009 ppbv
 RT: 1.560 min Scan# 411
 Delta R.T. -0.327 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

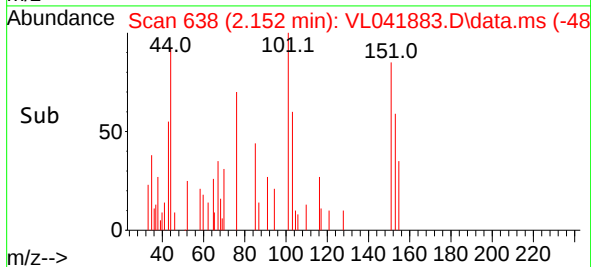
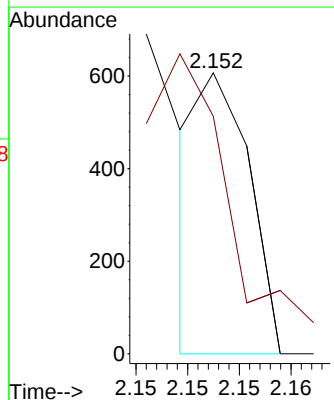
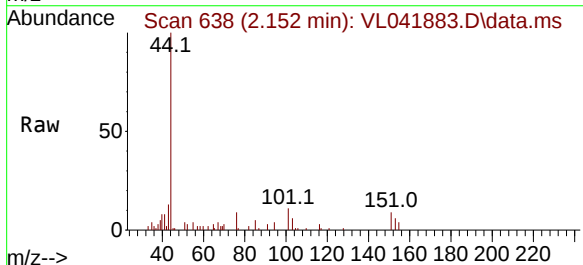
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

Tgt Ion:101 Resp: 186
 Ion Ratio Lower Upper
 101 100
 103 53.8 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.013 ppbv
 RT: 2.152 min Scan# 638
 Delta R.T. -0.000 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Tgt Ion:101 Resp: 205
 Ion Ratio Lower Upper
 101 100
 151 0.0 59.4 89.0#

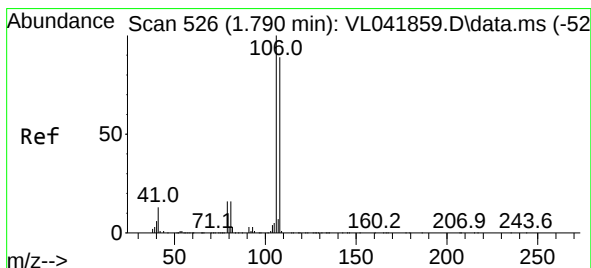
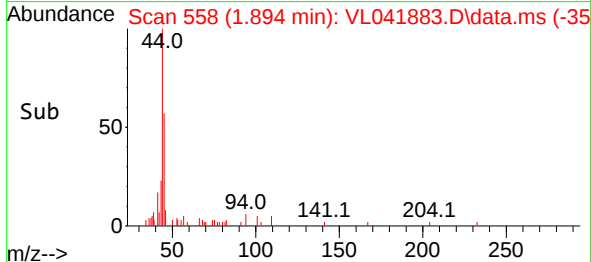
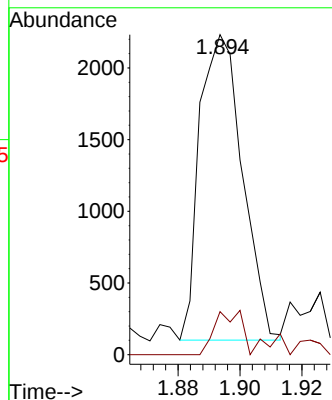
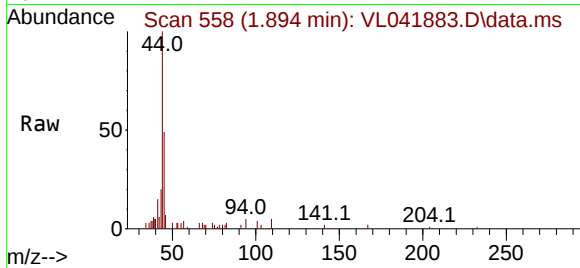




#13
Ethanol
Concen: 3.223 ppbv
RT: 1.894 min Scan# 51
Delta R.T. 0.165 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

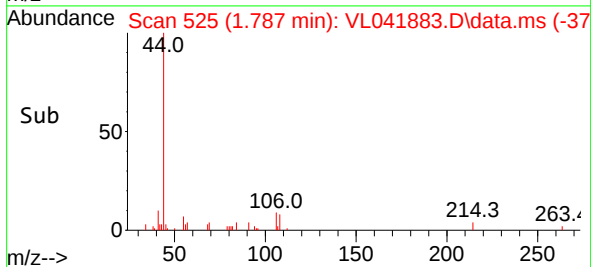
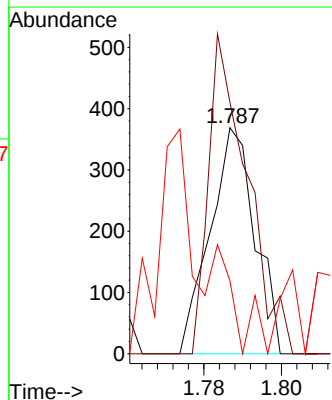
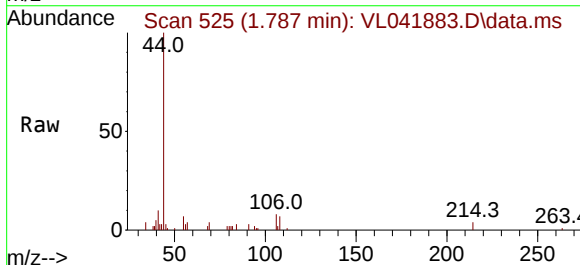
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

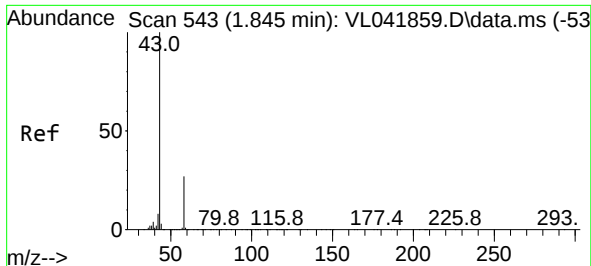
Tgt Ion: 45 Resp: 2046
Ion Ratio Lower Upper
45 100
46 0.0 19.0 76.0#



#14
Bromoethene
Concen: 0.051 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 108 Resp: 298
Ion Ratio Lower Upper
108 100
106 130.2 86.9 130.3
79 151.3 15.6 23.4#

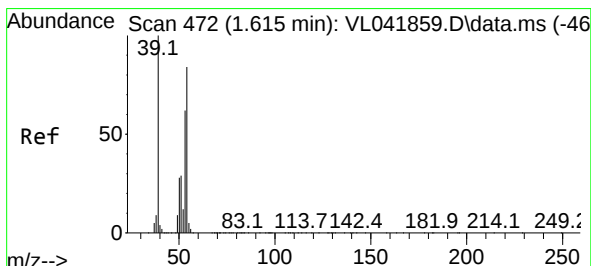
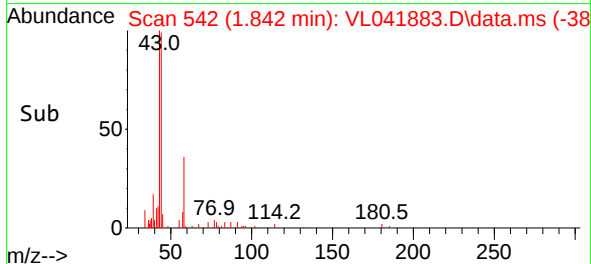
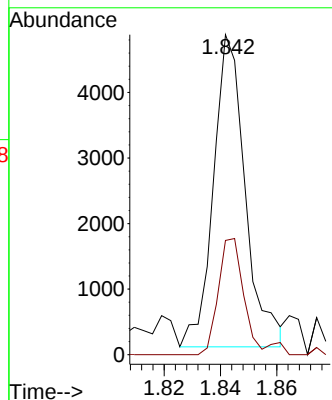
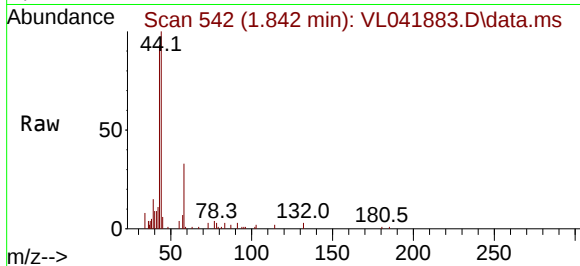




#15
Acetone
Concen: 0.187 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

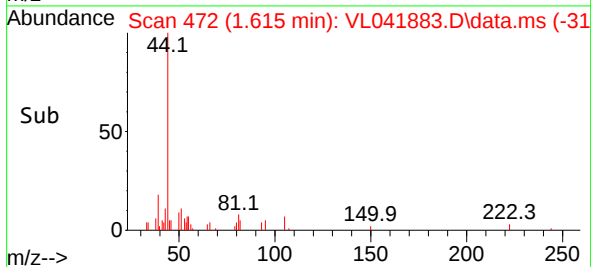
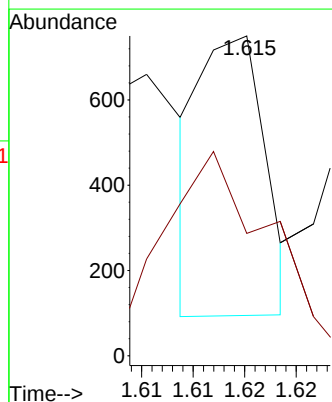
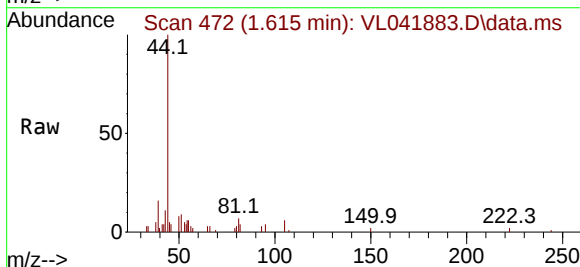
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

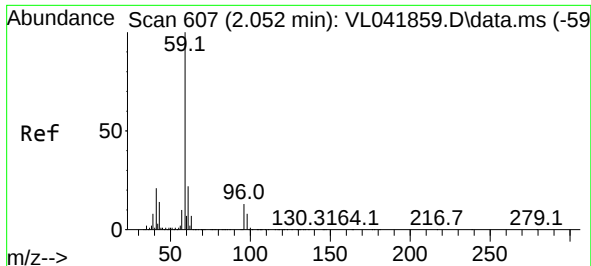
Tgt Ion: 43 Resp: 3737
Ion Ratio Lower Upper
43 100
58 31.7 22.7 34.1



#16
1,3-Butadiene
Concen: 0.033 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 39 Resp: 282
Ion Ratio Lower Upper
39 100
54 174.5 60.1 90.1#

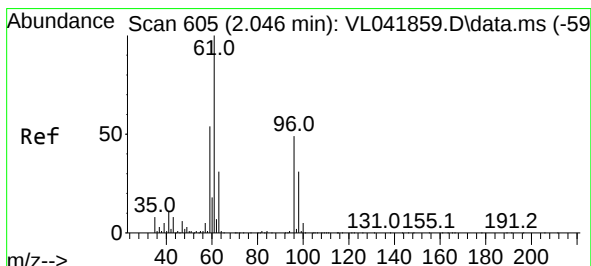
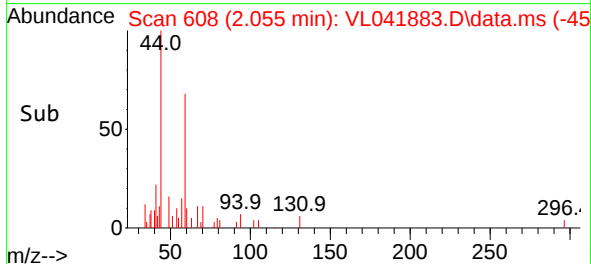
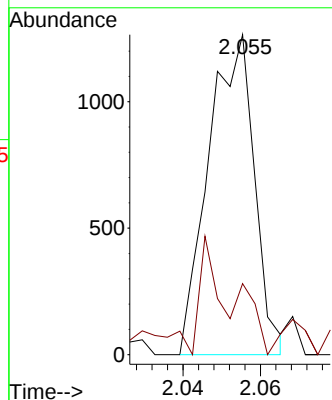
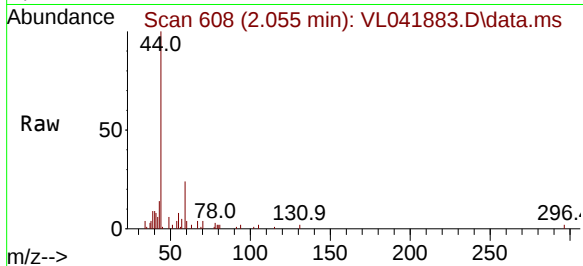




#17
tert-Butyl alcohol
Concen: 0.046 ppbv
RT: 2.055 min Scan# 607
Delta R.T. 0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

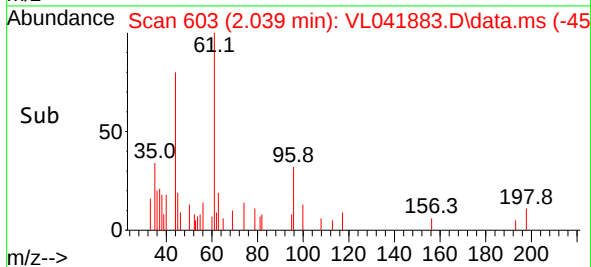
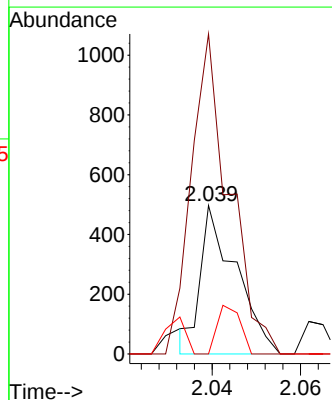
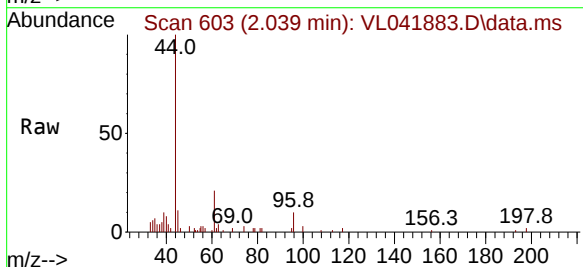
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Tgt Ion: 59 Resp: 1038
Ion Ratio Lower Upper
59 100
57 24.6 8.2 12.4#



#18
1,1-Dichloroethene
Concen: 0.037 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.007 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 96 Resp: 275
Ion Ratio Lower Upper
96 100
61 215.5 161.7 242.5
98 0.0 51.0 76.4#

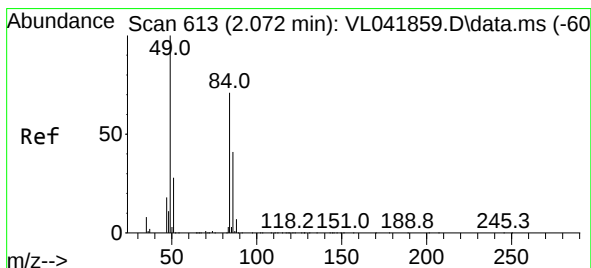
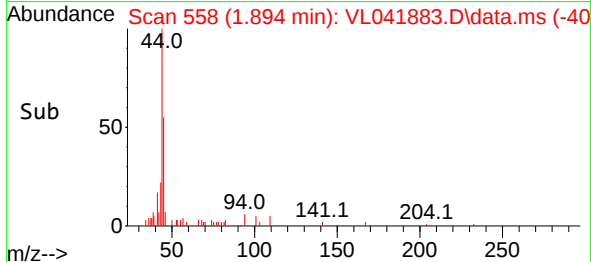
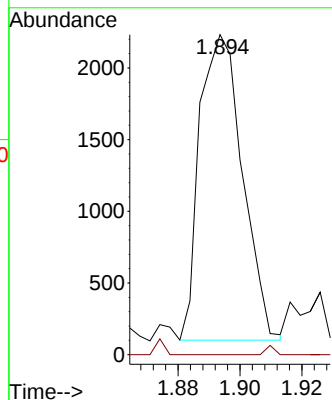
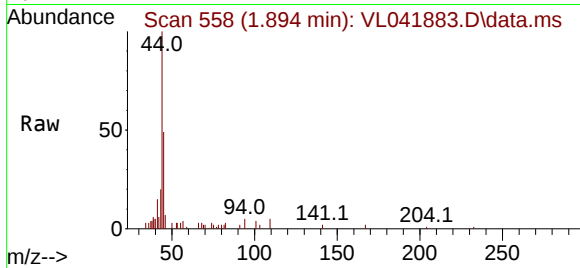




#19
Isopropyl Alcohol
Concen: 0.194 ppbv
RT: 1.894 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

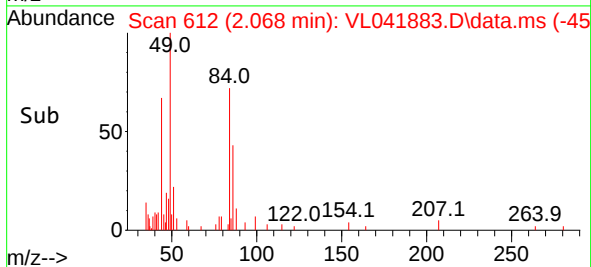
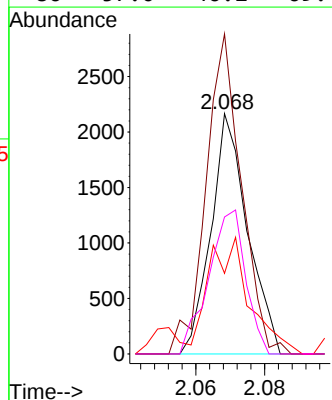
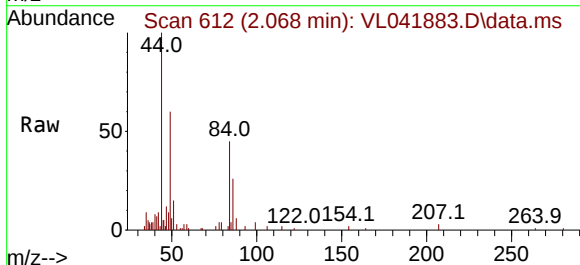
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

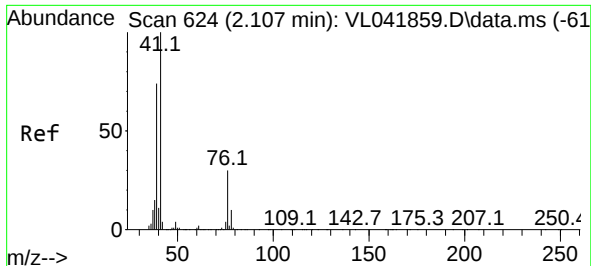
Tgt Ion: 45 Resp: 2046
Ion Ratio Lower Upper
45 100
58 57.8 37.0 55.6#



#20
Methylene Chloride
Concen: 0.234 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 84 Resp: 1598
Ion Ratio Lower Upper
84 100
49 128.4 113.8 170.8
51 28.8 33.5 50.3#
86 57.0 46.2 69.4

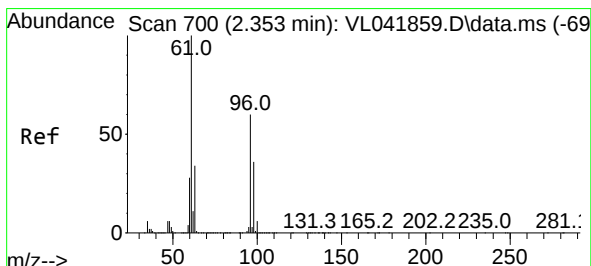
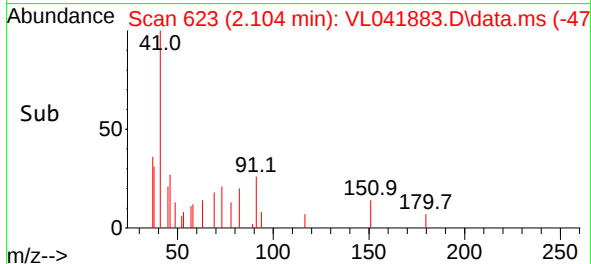
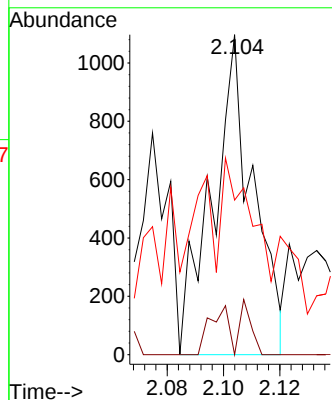
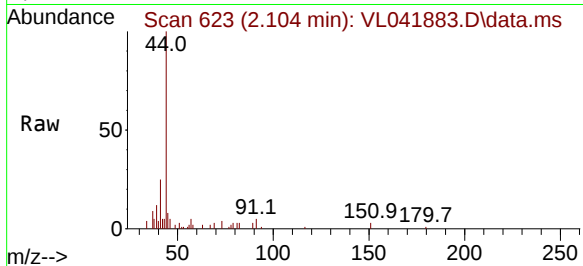




#21
 Allyl Chloride
 Concen: 0.086 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

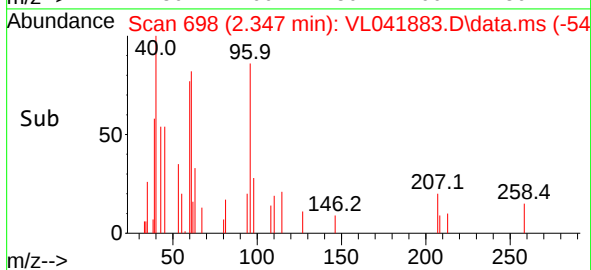
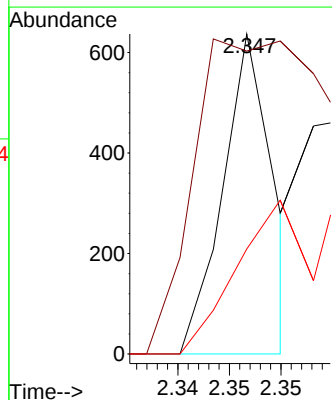
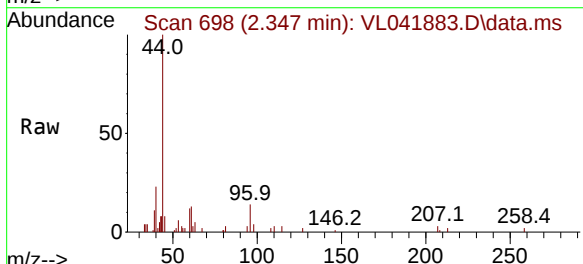
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

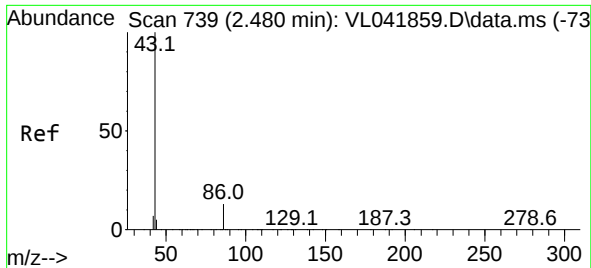
Tgt Ion: 41 Resp: 1098
 Ion Ratio Lower Upper
 41 100
 76 11.9 24.6 36.8#
 39 129.1 60.1 90.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.026 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. -0.007 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Tgt Ion: 96 Resp: 219
 Ion Ratio Lower Upper
 96 100
 61 64.5 134.2 201.4#
 98 32.8 49.0 73.4#





#23

Vinyl Acetate

Concen: 0.033 ppbv

RT: 2.483 min Scan# 740

Delta R.T. 0.003 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

Tgt Ion: 43 Resp: 330

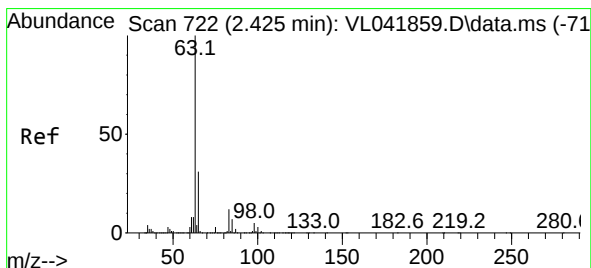
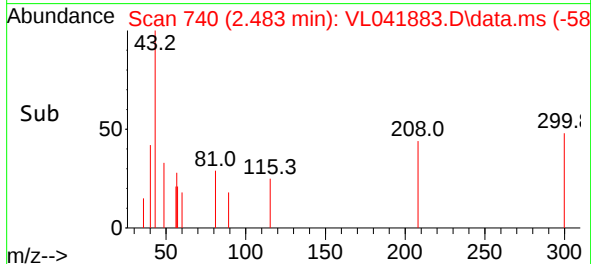
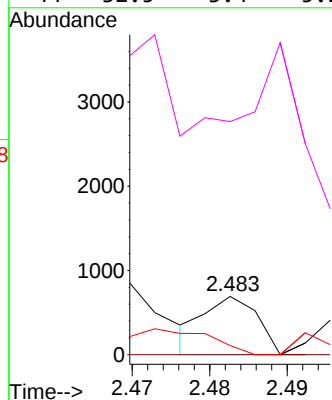
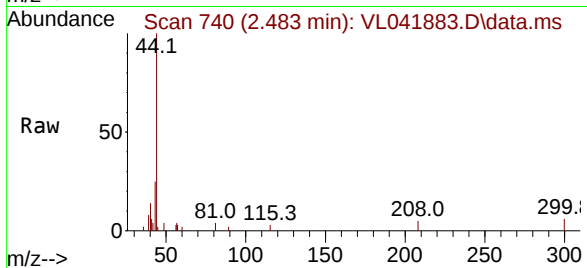
Ion Ratio Lower Upper

43 100

86 0.0 7.8 11.6#

42 15.8 7.0 10.4#

44 32.5 3.4 5.2#



#24

1,1-Dichloroethane

Concen: 0.040 ppbv

RT: 2.421 min Scan# 721

Delta R.T. -0.003 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

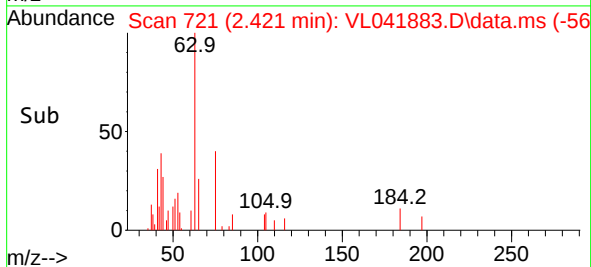
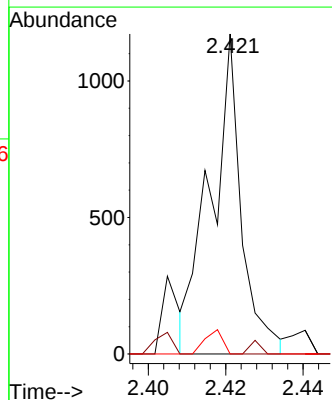
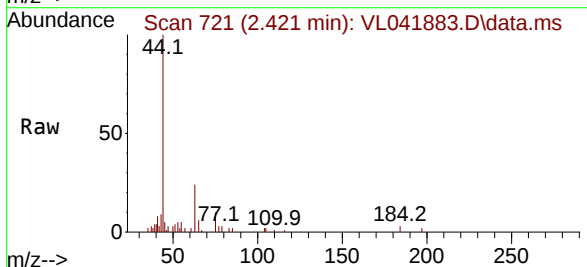
Tgt Ion: 63 Resp: 643

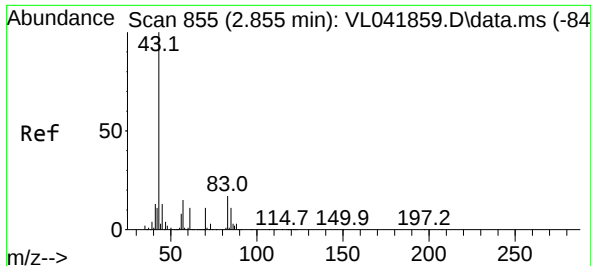
Ion Ratio Lower Upper

63 100

98 0.0 2.3 6.9#

100 0.0 1.3 3.8#

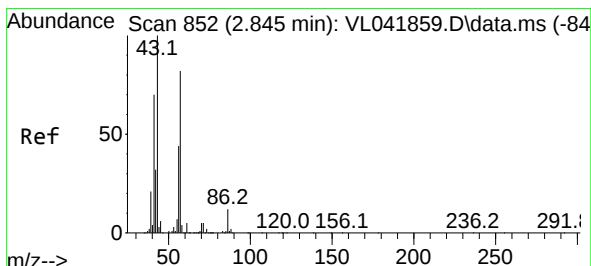
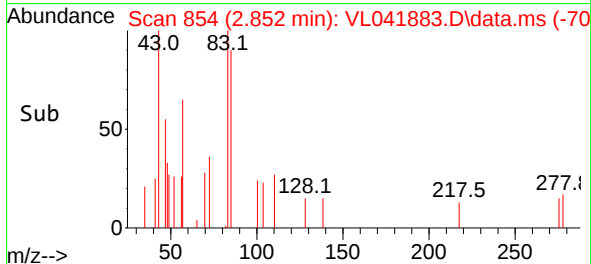
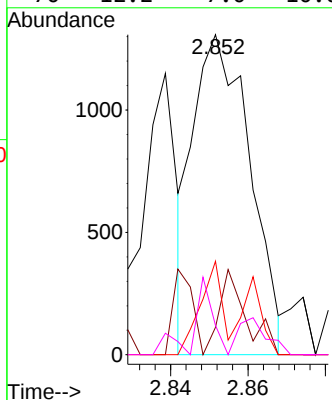
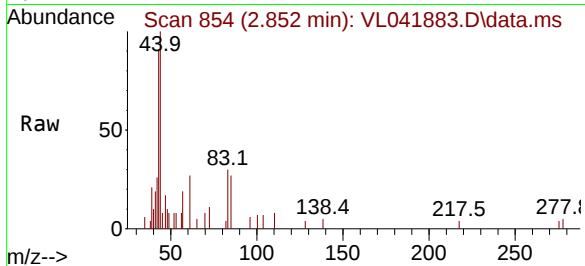




#25
Ethyl Acetate
Concen: 0.027 ppbv
RT: 2.852 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

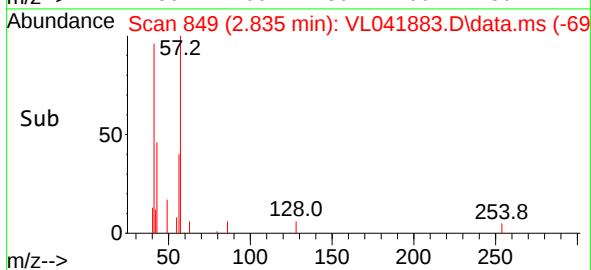
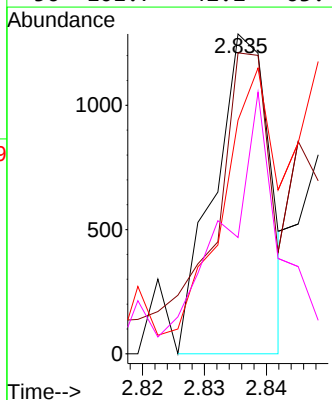
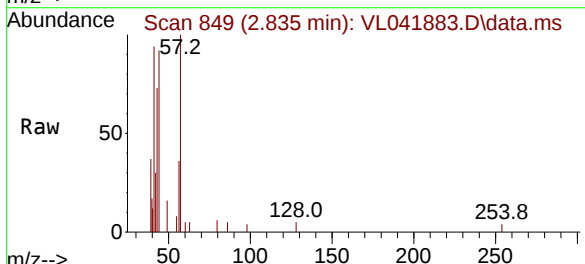
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

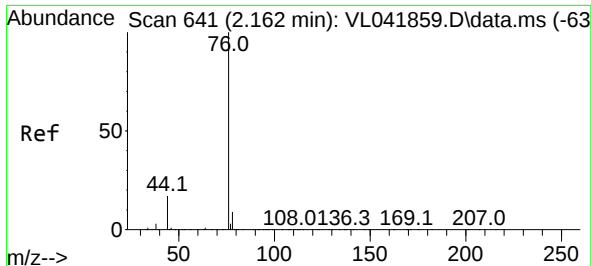
Tgt Ion: 43	Resp:	1334	
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.4	12.6#
61	19.6	7.3	10.9#
70	12.2	7.0	10.6#



#26
Hexane
Concen: 0.040 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 57	Resp:	810	
Ion	Ratio	Lower	Upper
57	100		
41	151.9	71.5	107.3#
43	0.0	200.2	300.4#
56	101.7	42.2	63.4#





#27

Carbon Disulfide

Concen: 0.038 ppbv

RT: 2.156 min Scan# 61

Delta R.T. -0.007 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

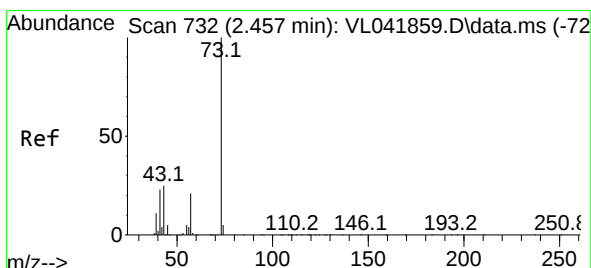
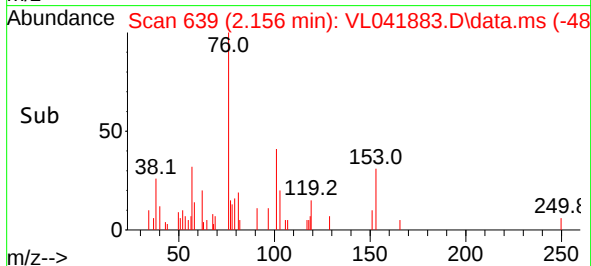
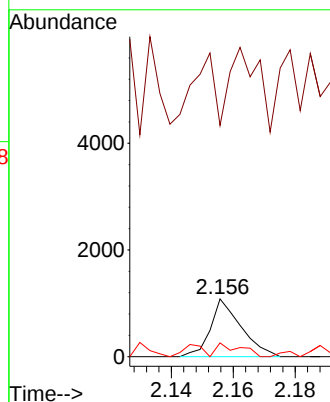
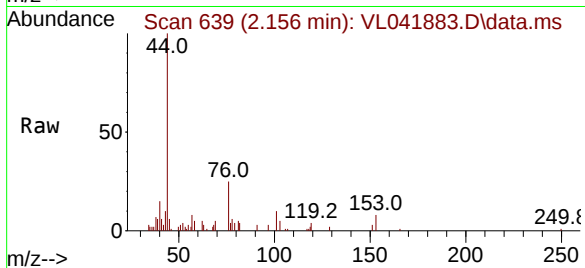
Tgt Ion: 76 Resp: 746

Ion Ratio Lower Upper

76 100

44 536.5 13.1 19.7#

78 22.8 9.5 14.3#



#28

Methyl tert-Butyl Ether

Concen: 0.026 ppbv

RT: 2.450 min Scan# 730

Delta R.T. -0.007 min

Lab File: VL041883.D

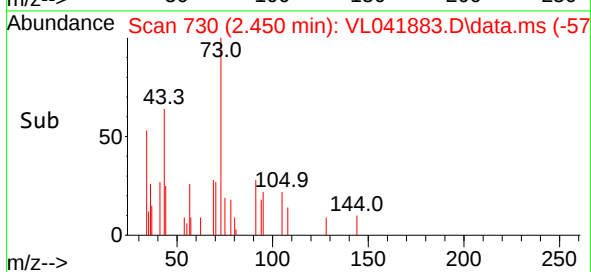
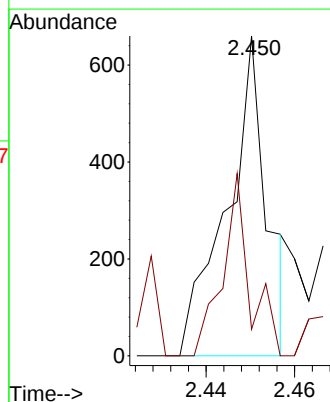
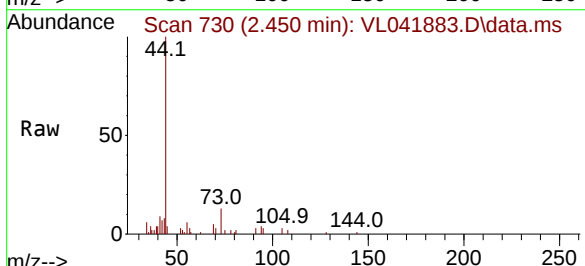
Acq: 10 Jan 2025 00:17

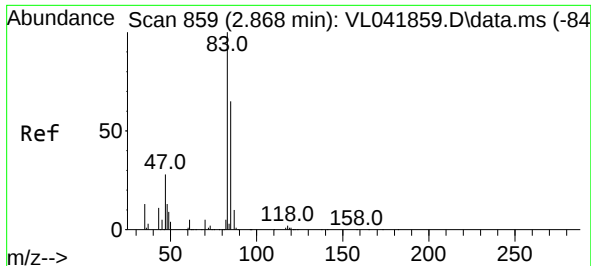
Tgt Ion: 73 Resp: 413

Ion Ratio Lower Upper

73 100

57 70.9 17.5 26.3#





#29

Chloroform

Concen: 0.010 ppbv

RT: 2.848 min Scan# 81

Delta R.T. -0.020 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :

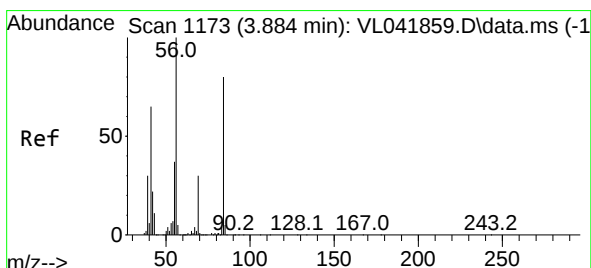
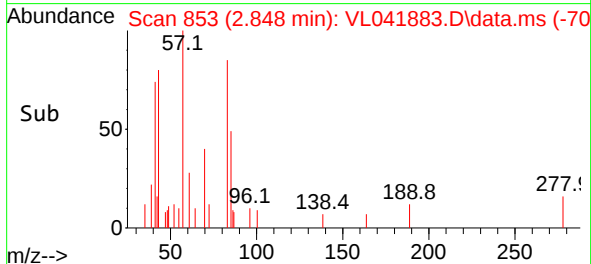
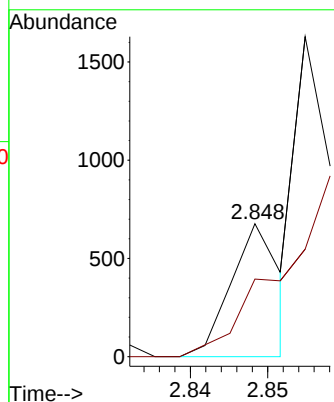
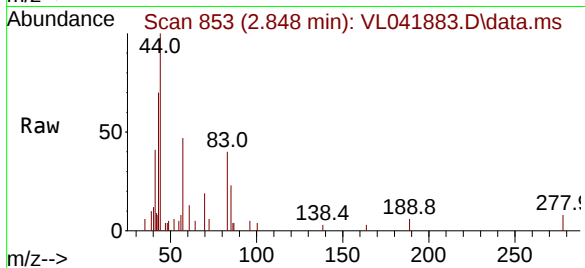
MDL 0.03

Tgt Ion: 83 Resp: 296

Ion Ratio Lower Upper

83 100

85 58.3 51.7 77.5



#30

Cyclohexane

Concen: 0.012 ppbv

RT: 3.878 min Scan# 1171

Delta R.T. -0.007 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

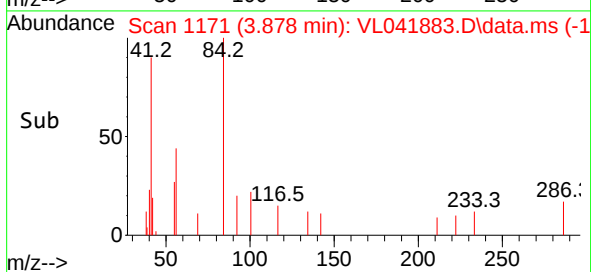
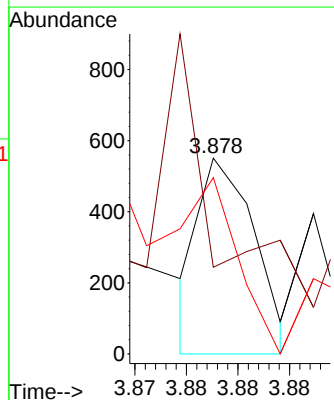
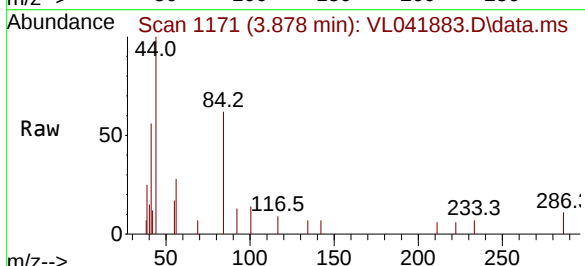
Tgt Ion: 84 Resp: 207

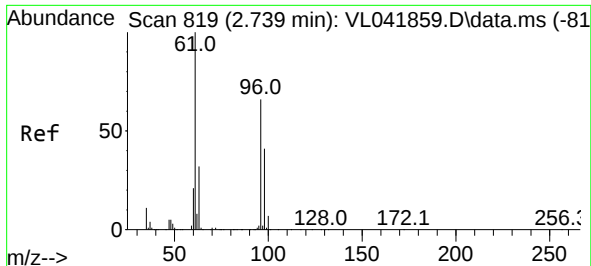
Ion Ratio Lower Upper

84 100

56 408.2 100.7 151.1#

41 0.0 62.8 94.2#

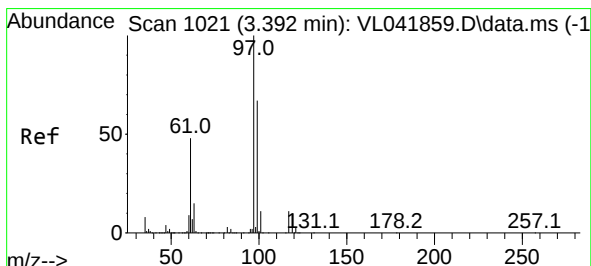
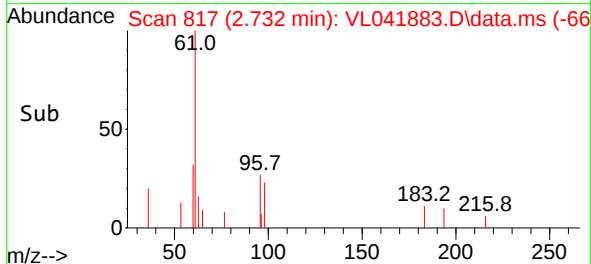
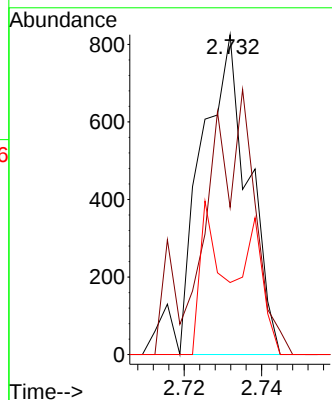
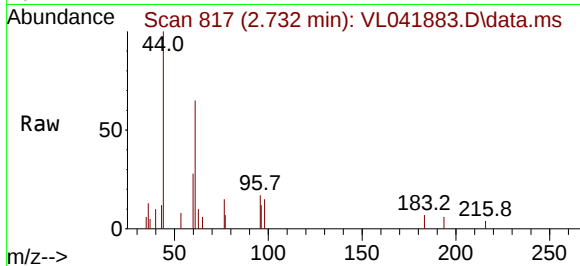




#31
 cis-1,2-Dichloroethene
 Concen: 0.034 ppbv
 RT: 2.732 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

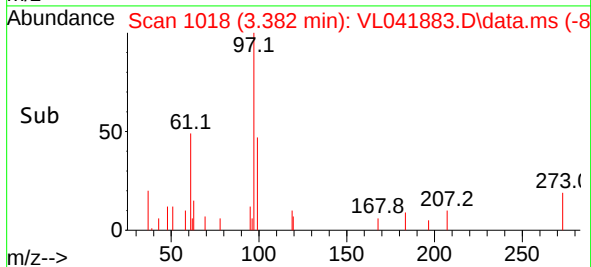
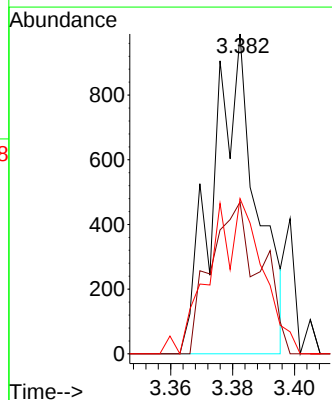
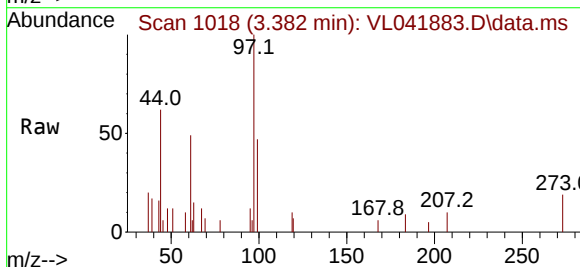
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL 0.03

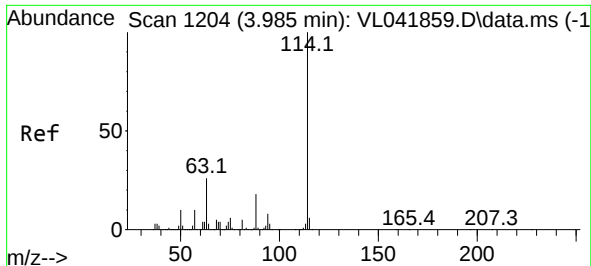
Tgt Ion:	61	Resp:	685
Ion	Ratio	Lower	Upper
61	100		
96	38.7	53.2	79.8#
98	22.5	32.5	48.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.034 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. -0.010 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Tgt Ion:	97	Resp:	963
Ion	Ratio	Lower	Upper
97	100		
99	54.1	52.0	78.0
61	58.0	38.8	58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

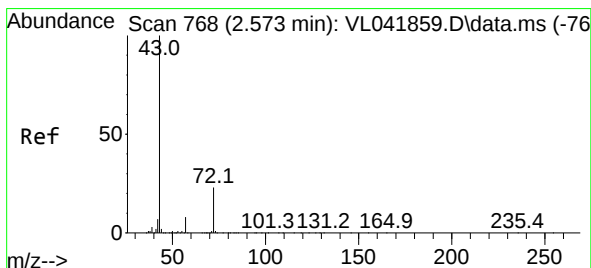
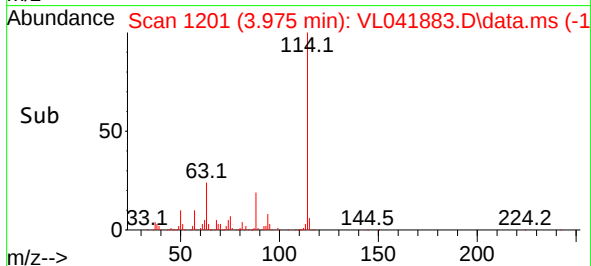
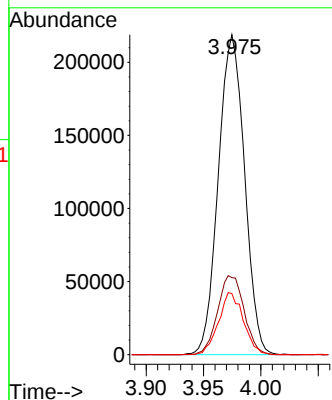
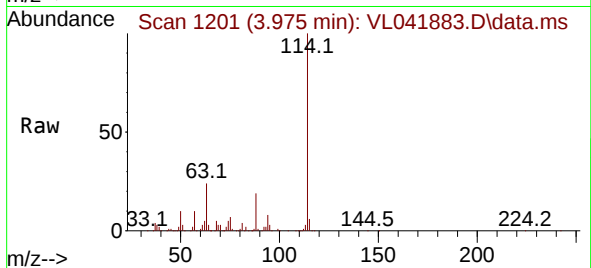
Tgt Ion:114 Resp: 347958

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

88 18.4 14.6 21.8



#34

2-Butanone

Concen: 0.055 ppbv

RT: 2.573 min Scan# 768

Delta R.T. -0.000 min

Lab File: VL041883.D

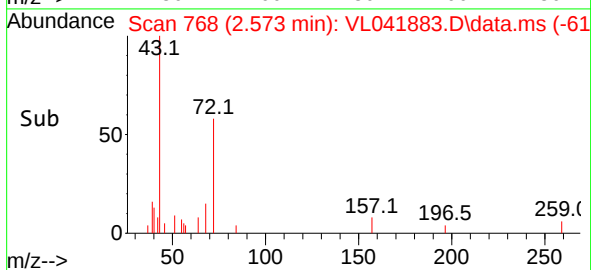
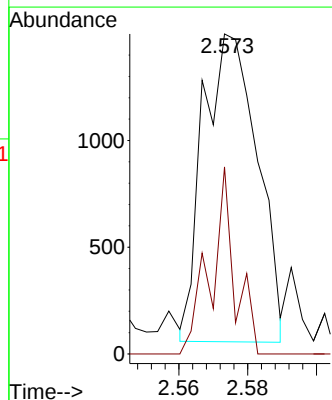
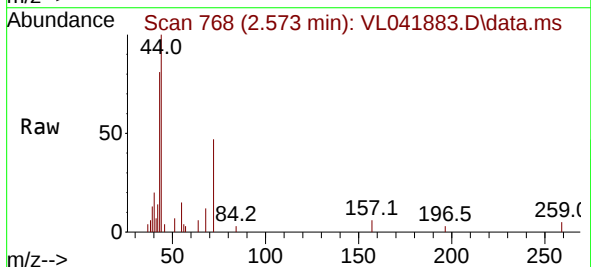
Acq: 10 Jan 2025 00:17

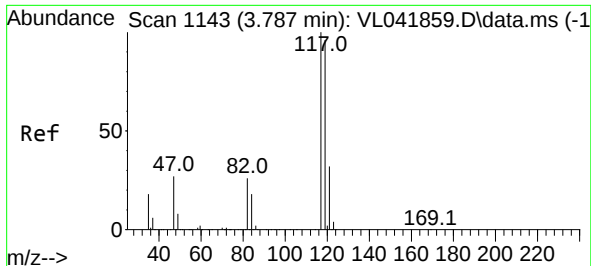
Tgt Ion: 43 Resp: 1581

Ion Ratio Lower Upper

43 100

72 26.9 18.5 27.7

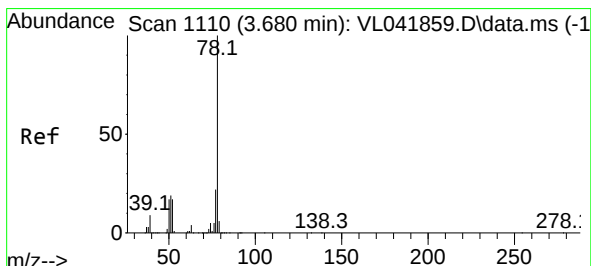
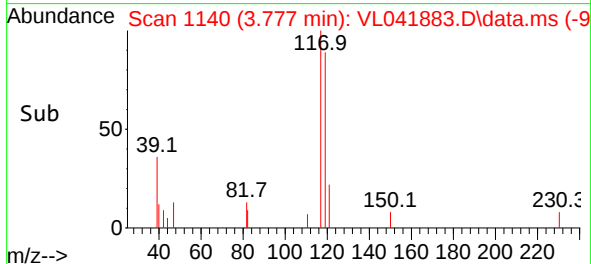
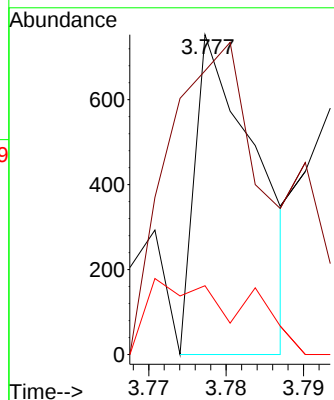
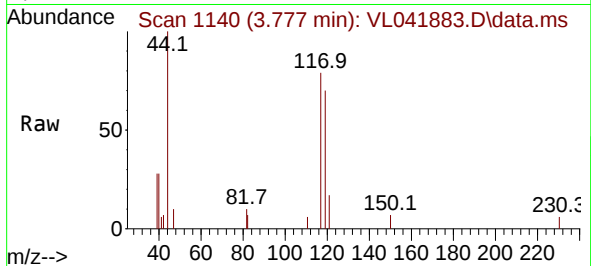




#35
Carbon Tetrachloride
Concen: 0.016 ppbv
RT: 3.777 min Scan# 1143
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

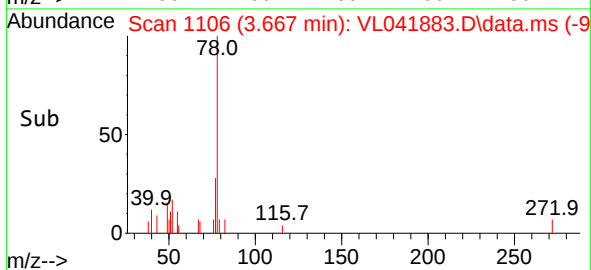
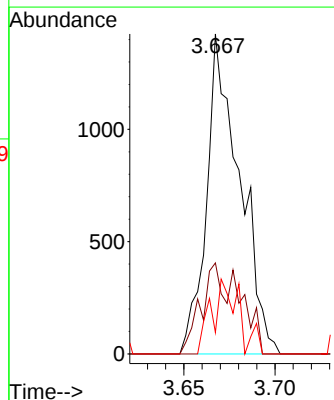
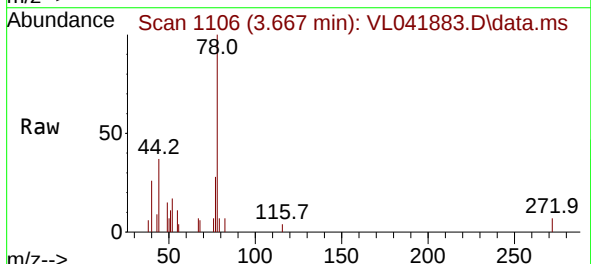
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

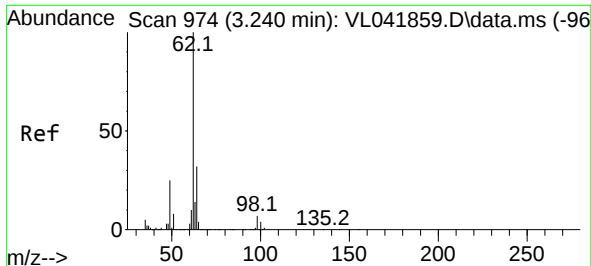
Tgt Ion:117 Resp: 421
Ion Ratio Lower Upper
117 100
119 43.0 76.9 115.3#
121 12.6 25.9 38.9#



#36
Benzene
Concen: 0.045 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. -0.013 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 78 Resp: 1801
Ion Ratio Lower Upper
78 100
77 28.4 17.9 26.9#
50 6.7 13.7 20.5#





#37

1,2-Dichloroethane

Concen: 0.041 ppbv

RT: 3.230 min Scan# 91

Delta R.T. -0.010 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :

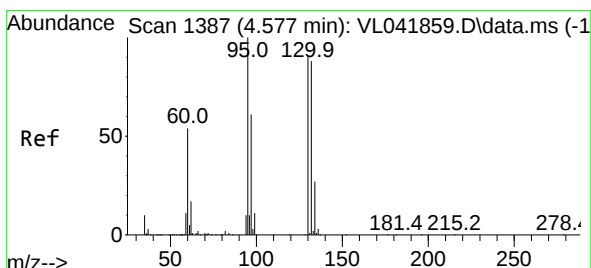
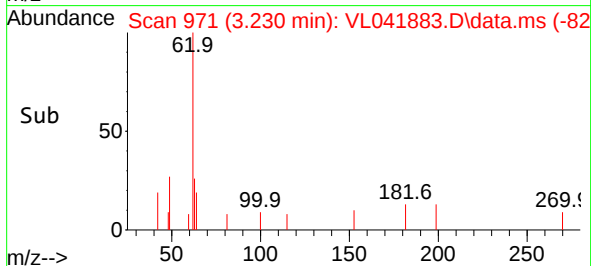
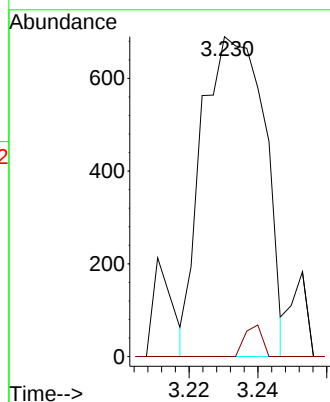
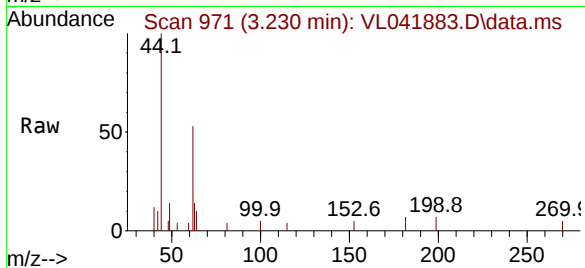
MDL 0.03

Tgt Ion: 62 Resp: 869

Ion Ratio Lower Upper

62 100

98 2.8 5.6 8.4#



#38

Trichloroethene

Concen: 0.013 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. -0.013 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Tgt Ion: 130 Resp: 214

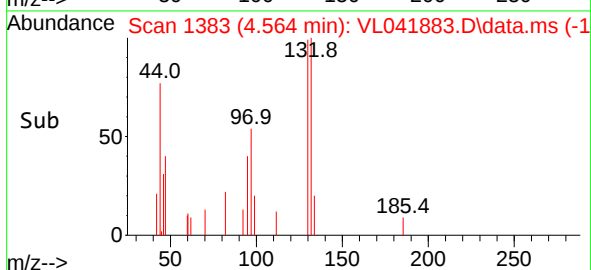
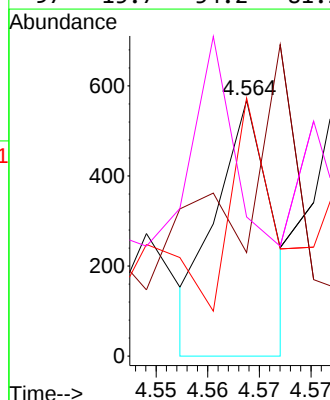
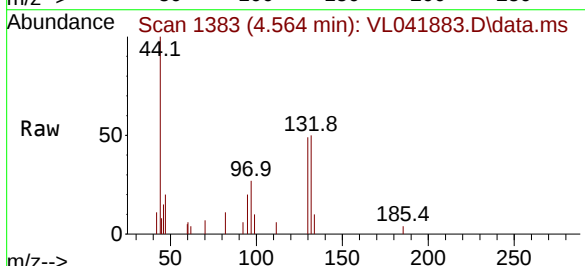
Ion Ratio Lower Upper

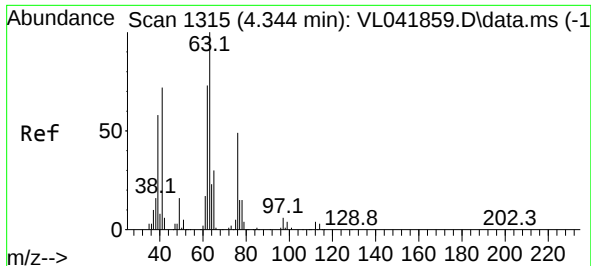
130 100

95 0.0 88.5 132.7#

132 85.3 78.2 117.2

97 15.7 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 6.045 ppbv

RT: 3.971 min Scan# 11

Delta R.T. -0.372 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

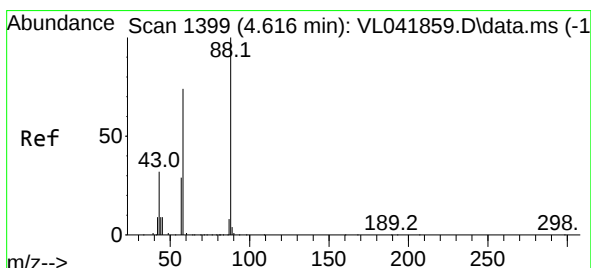
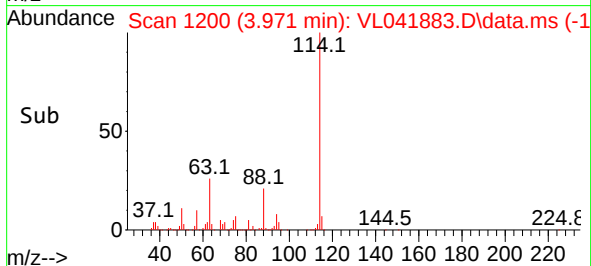
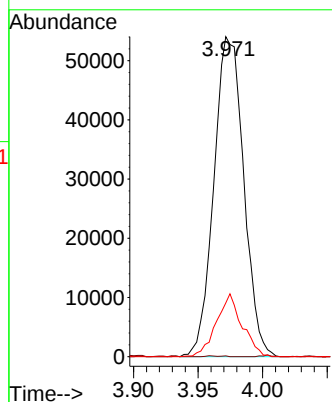
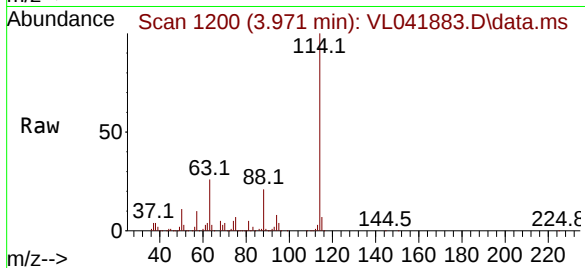
Tgt Ion: 63 Resp: 86812

Ion Ratio Lower Upper

63 100

41 0.3 58.0 87.0#

62 16.8 58.6 87.8#



#40

1,4-Dioxane

Concen: 0.024 ppbv

RT: 4.645 min Scan# 1408

Delta R.T. 0.029 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Tgt Ion: 88 Resp: 175

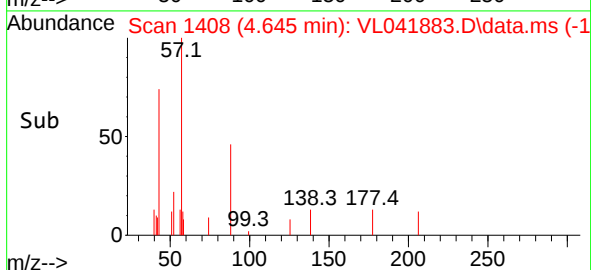
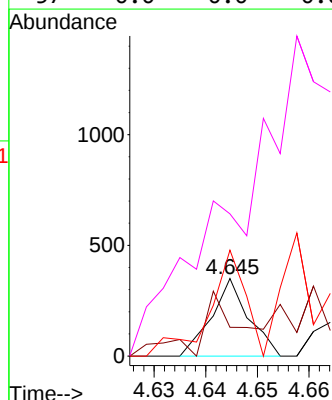
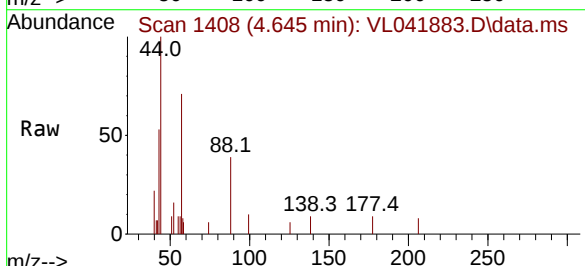
Ion Ratio Lower Upper

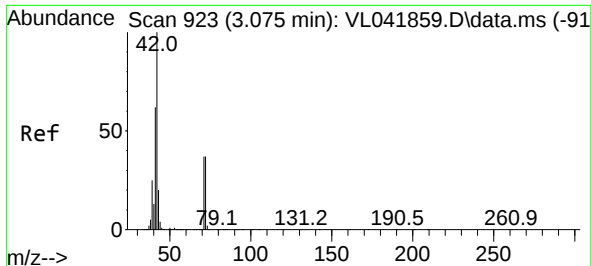
88 100

58 0.0 52.2 78.4#

43 63.4 0.0 0.0#

57 0.0 0.0 0.0

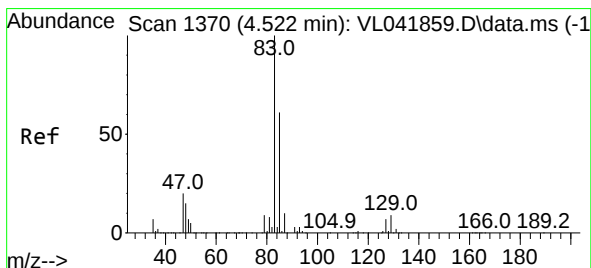
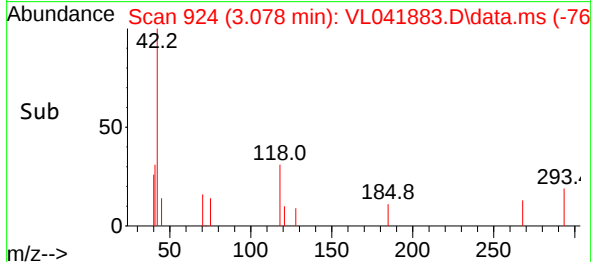
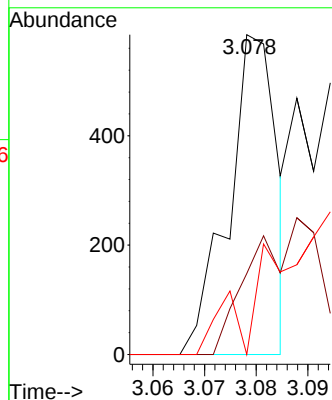
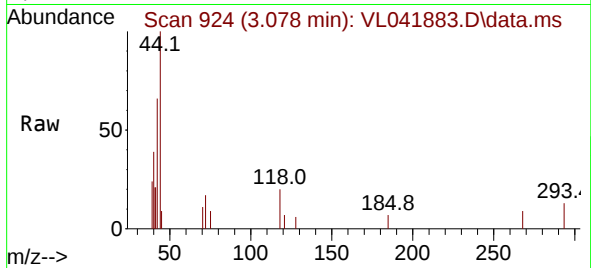




#41
Tetrahydrofuran
Concen: 0.022 ppbv
RT: 3.078 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

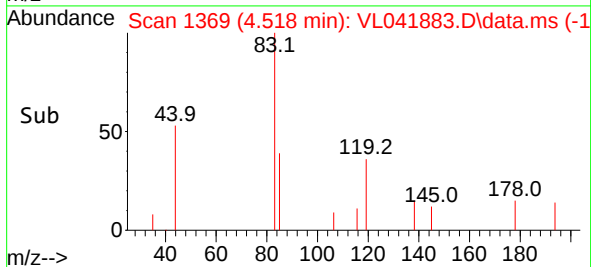
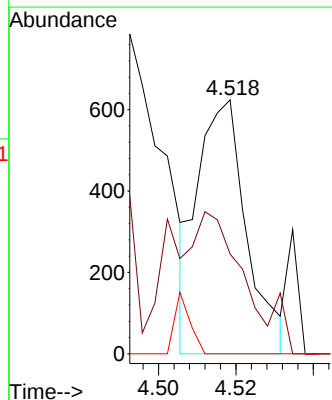
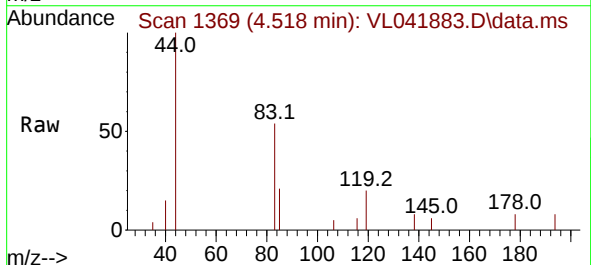
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

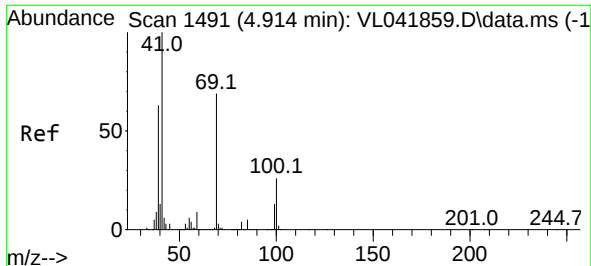
Tgt Ion: 42 Resp: 382
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 0.0 30.1 45.1#



#42
Bromodichloromethane
Concen: 0.019 ppbv
RT: 4.518 min Scan# 1369
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 83 Resp: 547
Ion Ratio Lower Upper
83 100
85 18.0 48.9 73.3#
127 0.0 5.4 8.2#

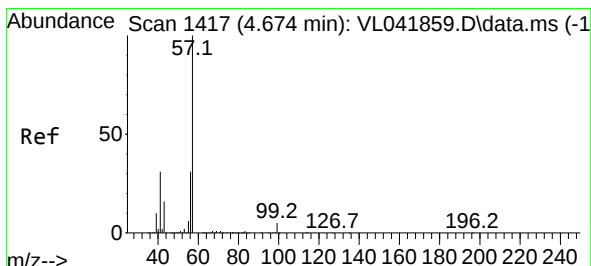
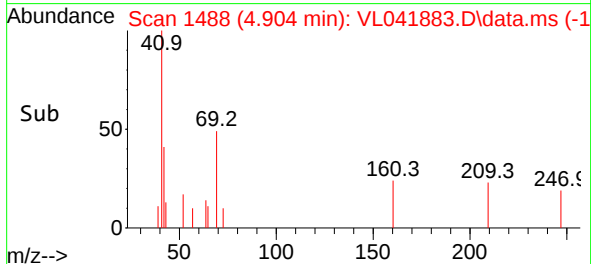
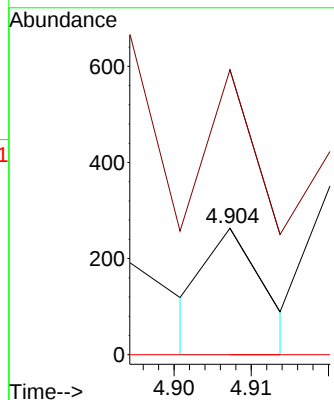
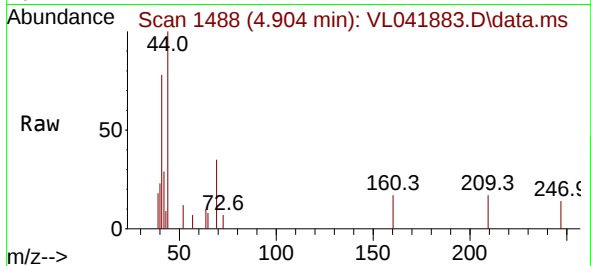




#43
Methyl Methacrylate
Concen: 0.004 ppbv
RT: 4.904 min Scan# 1412
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

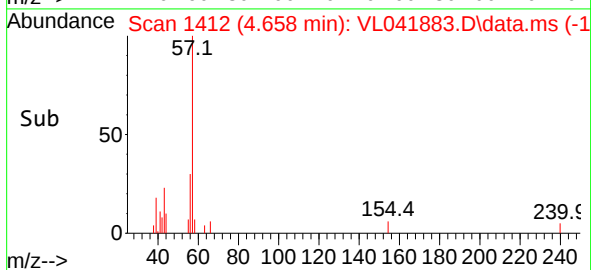
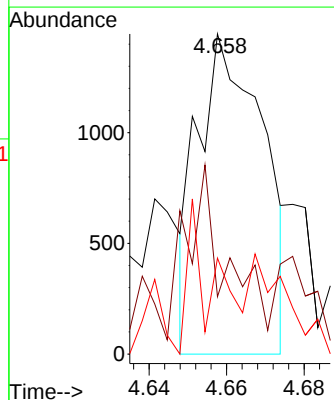
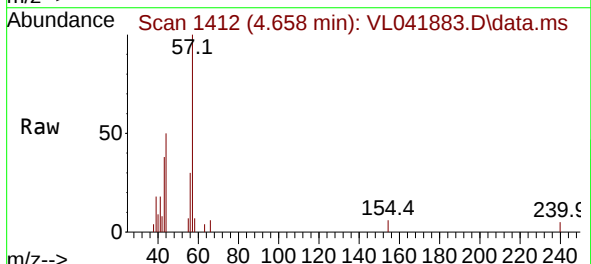
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

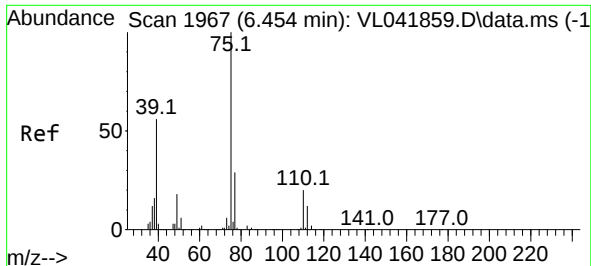
Tgt Ion:	69	Resp:	68
Ion	Ratio	Lower	Upper
69	100		
41	0.0	116.2	174.4#
100	0.0	29.8	44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.025 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. -0.016 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion:	57	Resp:	1687
Ion	Ratio	Lower	Upper
57	100		
41	66.4	25.5	38.3#
56	46.9	25.6	38.4#





#45

t-1,3-Dichloropropene

Concen: 0.010 ppbv

RT: 6.441 min Scan# 1967

Delta R.T. -0.013 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :

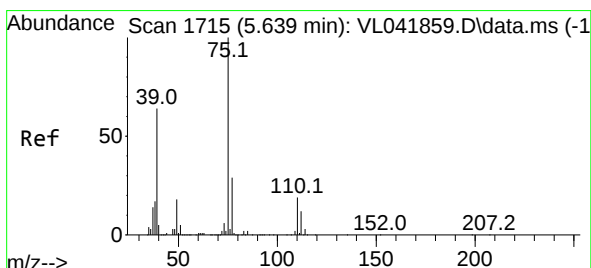
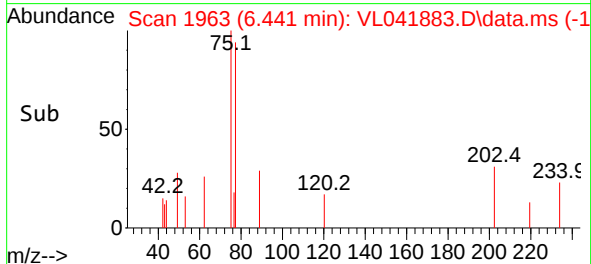
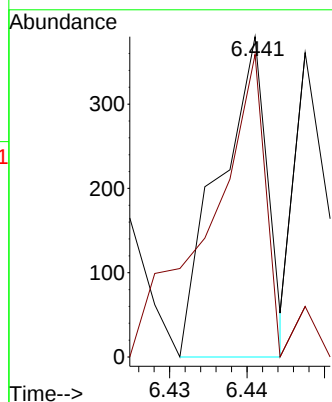
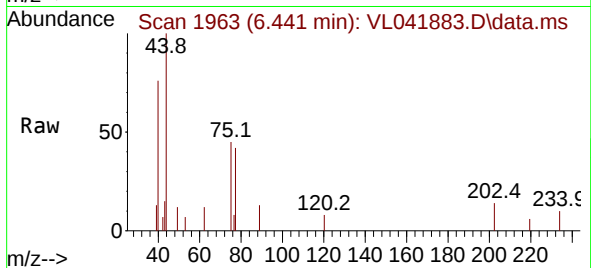
MDL 0.03

Tgt Ion: 75 Resp: 166

Ion Ratio Lower Upper

75 100

77 94.5 23.4 35.2#



#46

cis-1,3-Dichloropropene

Concen: 0.007 ppbv

RT: 5.619 min Scan# 1709

Delta R.T. -0.020 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

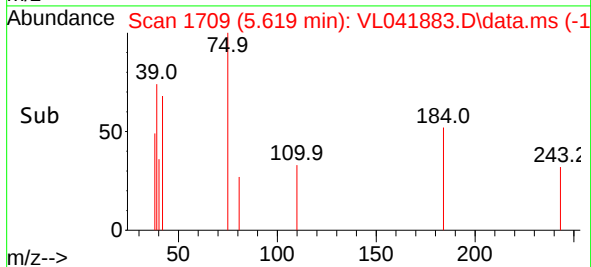
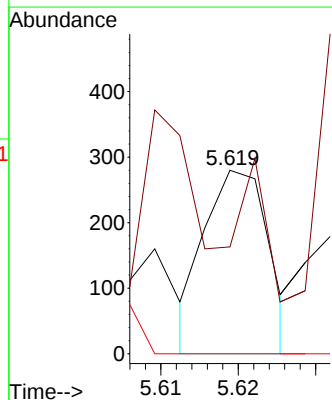
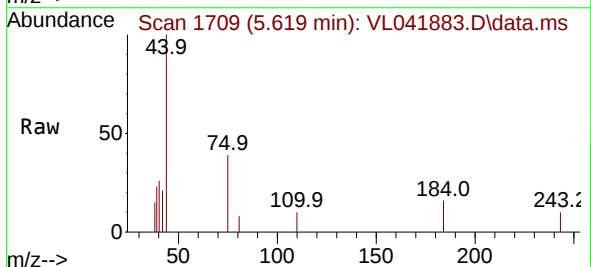
Tgt Ion: 75 Resp: 161

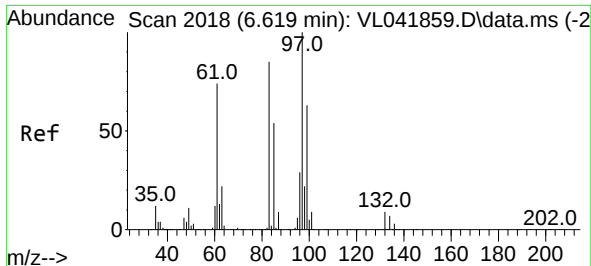
Ion Ratio Lower Upper

75 100

39 41.8 51.4 77.2#

77 0.0 23.0 34.4#

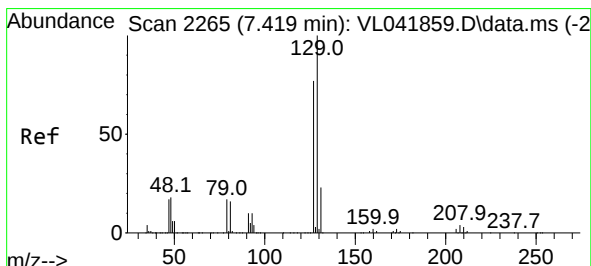
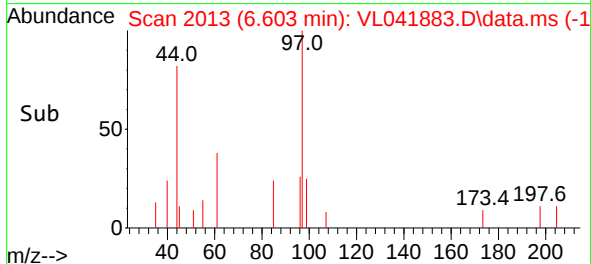
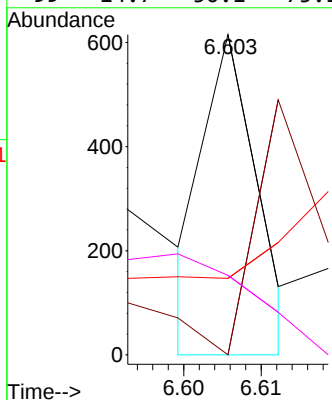
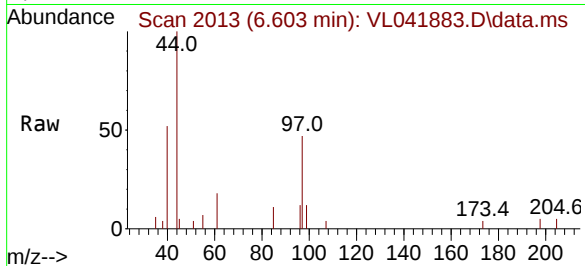




#47
1,1,2-Trichloroethane
Concen: 0.010 ppbv
RT: 6.603 min Scan# 2013
Delta R.T. -0.016 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

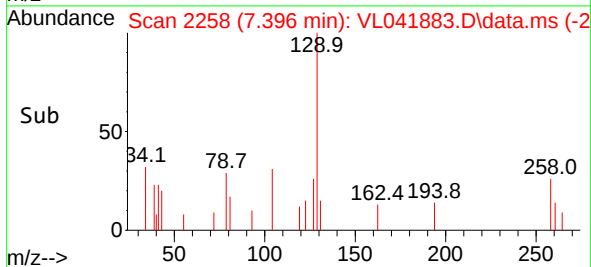
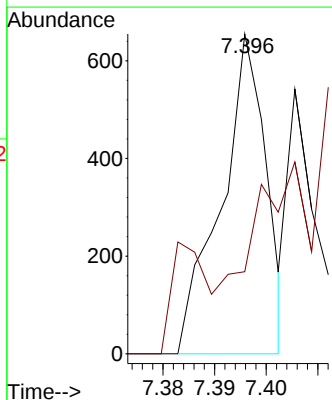
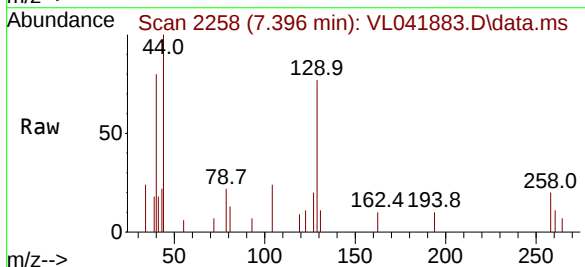
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

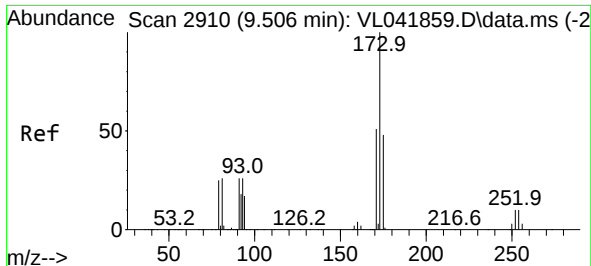
Tgt Ion: 97	Resp:	145	
Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.1	102.1#
85	0.0	43.4	65.2#
99	14.7	50.1	75.1#



#48
Dibromochloromethane
Concen: 0.017 ppbv
RT: 7.396 min Scan# 2258
Delta R.T. -0.023 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion:129	Resp:	400	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.4	118.1#

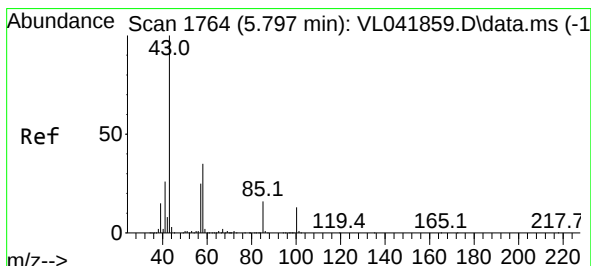
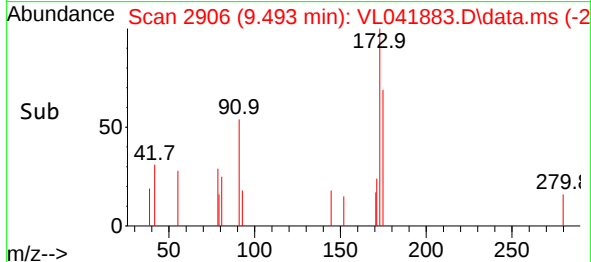
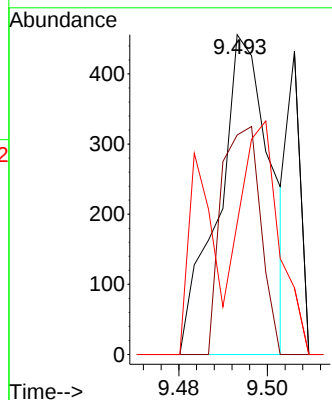
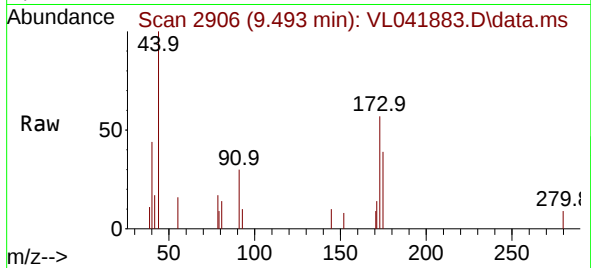




#49
Bromoform
Concen: 0.019 ppbv
RT: 9.493 min Scan# 2910
Delta R.T. -0.013 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

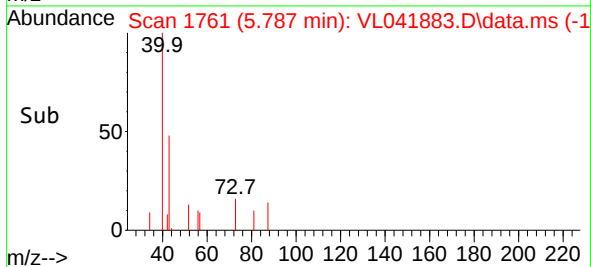
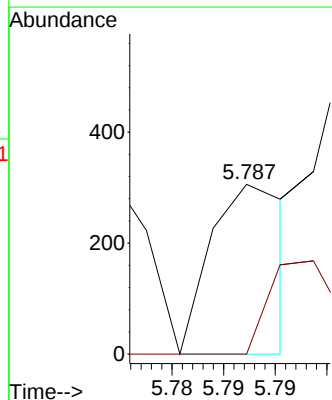
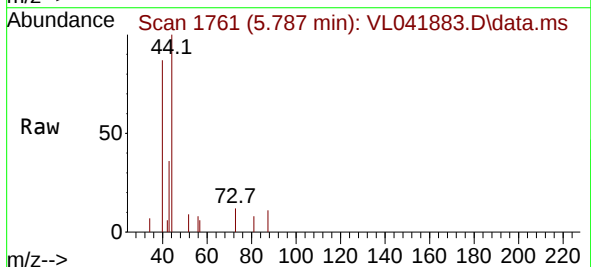
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

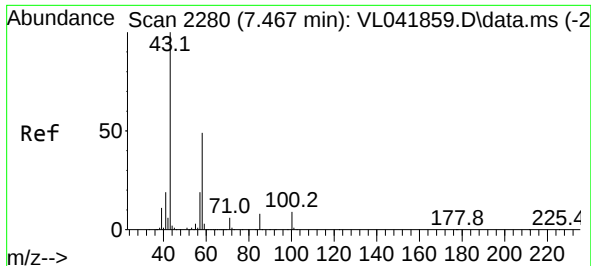
Tgt Ion:173 Resp: 371
Ion Ratio Lower Upper
173 100
175 53.9 38.2 57.2
171 84.9 41.3 61.9#



#50
4-Methyl-2-Pentanone
Concen: 0.004 ppbv
RT: 5.787 min Scan# 1761
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 43 Resp: 158
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#

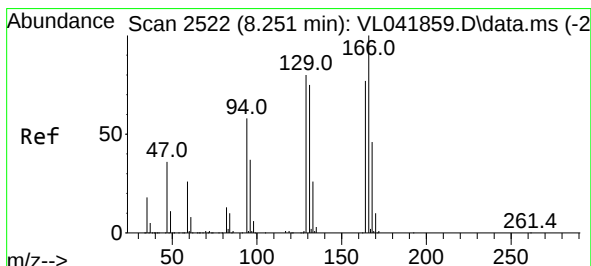
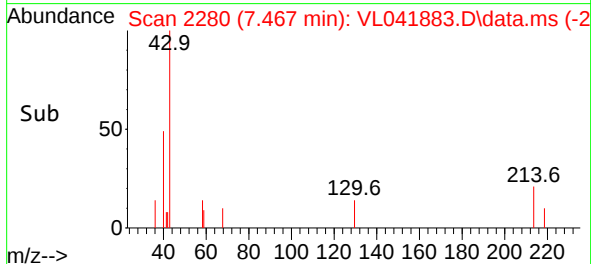
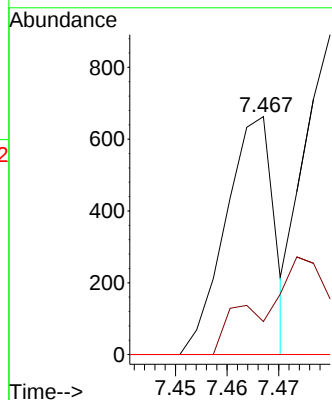
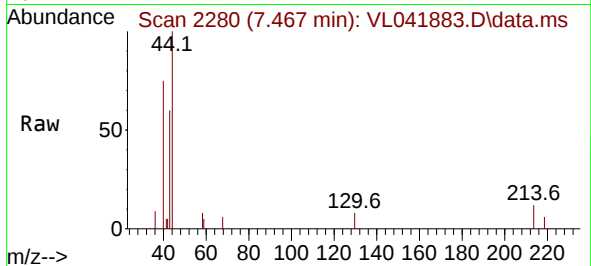




#51
2-Hexanone
Concen: 0.013 ppbv
RT: 7.467 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

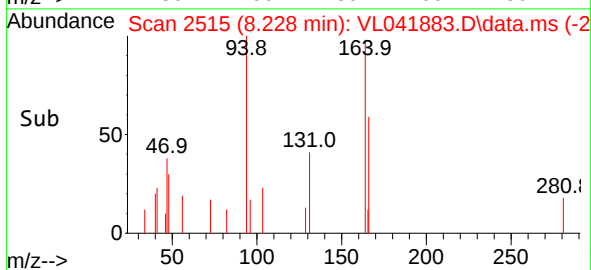
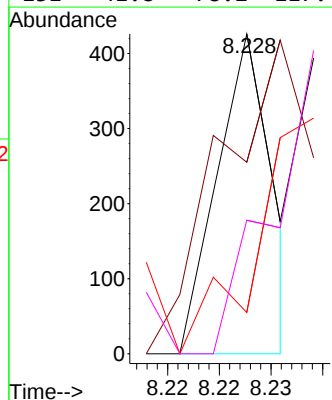
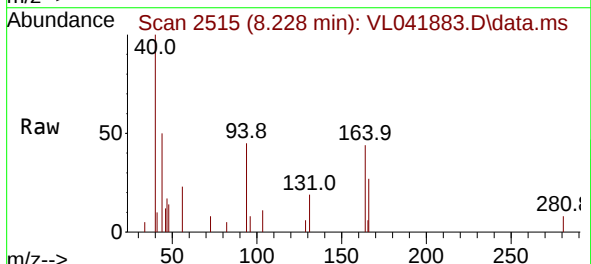
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

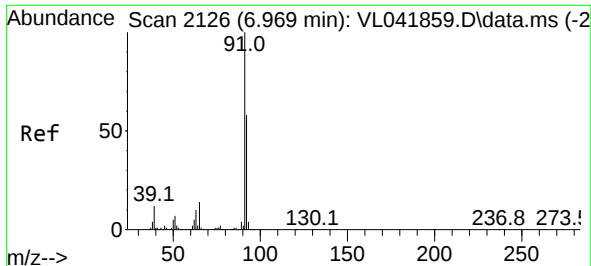
Tgt Ion: 43 Resp: 433
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.010 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. -0.023 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 164 Resp: 158
Ion Ratio Lower Upper
164 100
166 41.3 103.6 155.4#
129 12.9 82.6 123.8#
131 41.8 78.2 117.4#

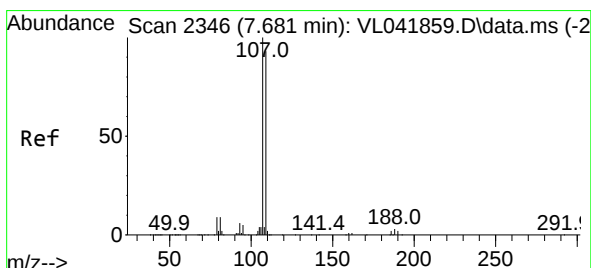
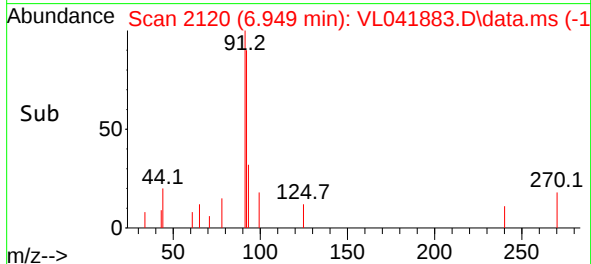
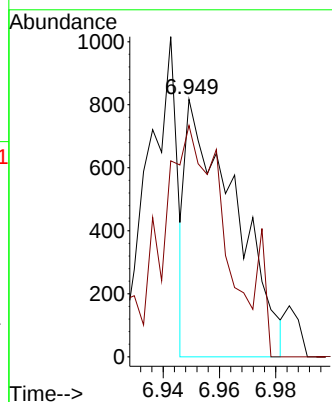
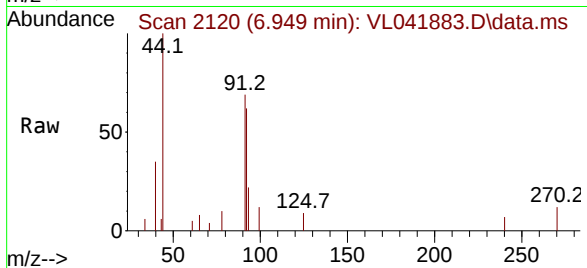




#53
Toluene
Concen: 0.021 ppbv
RT: 6.949 min Scan# 2120
Delta R.T. -0.020 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

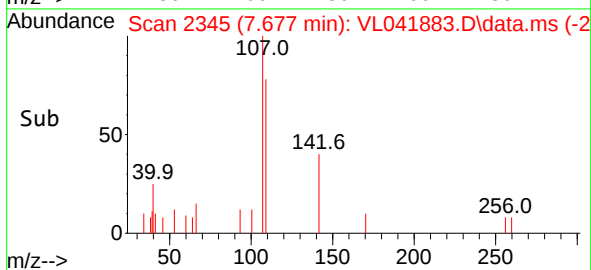
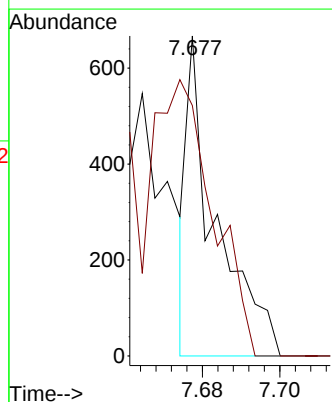
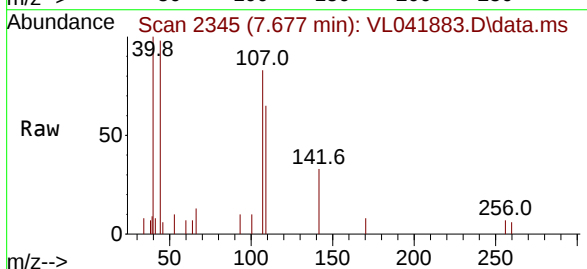
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

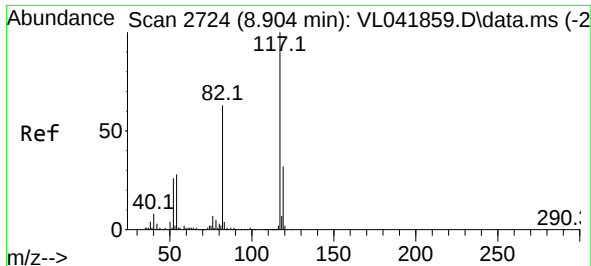
Tgt Ion: 91 Resp: 988
Ion Ratio Lower Upper
91 100
92 126.0 47.2 70.8#



#54
1,2-Dibromoethane
Concen: 0.017 ppbv
RT: 7.677 min Scan# 2345
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 107 Resp: 341
Ion Ratio Lower Upper
107 100
109 78.3 74.6 112.0

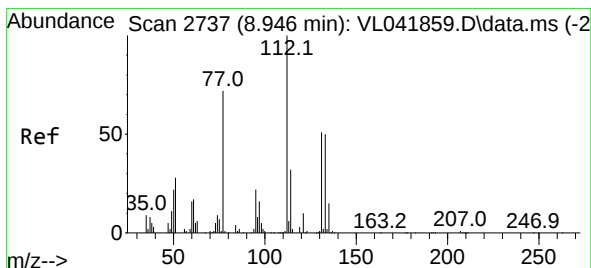
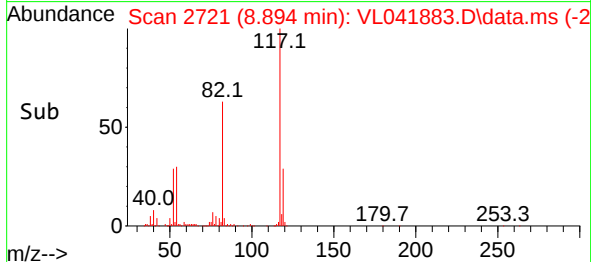
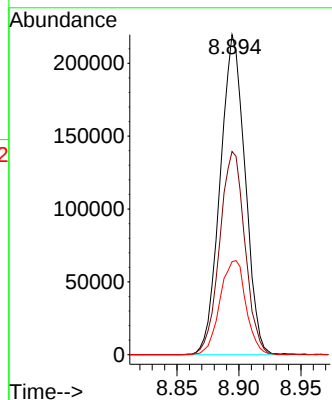
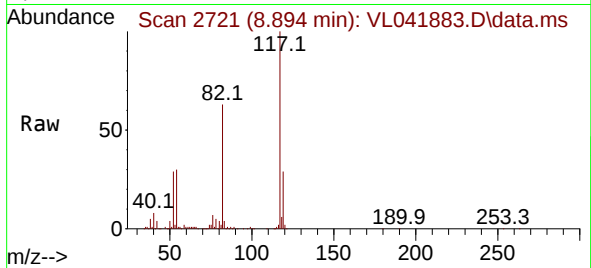




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

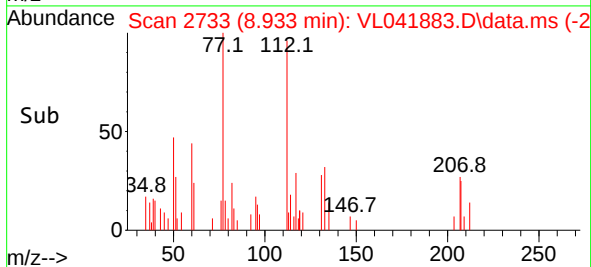
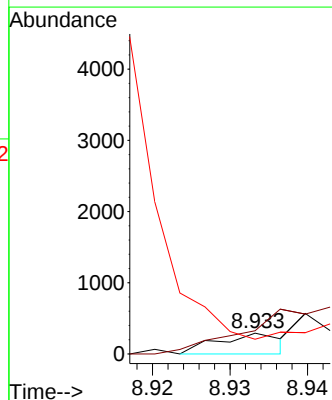
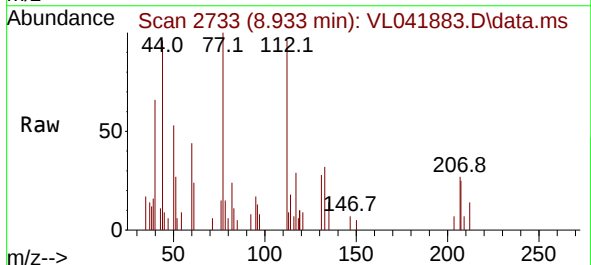
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

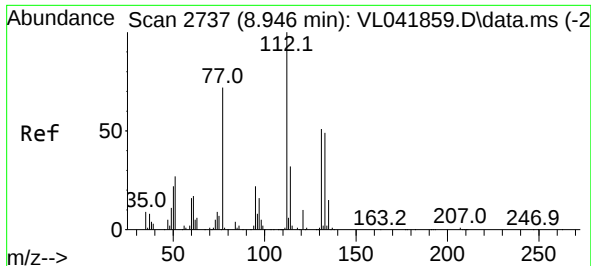
Tgt Ion:117 Resp: 307447
Ion Ratio Lower Upper
117 100
82 64.5 54.5 81.7
119 30.9 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.009 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. -0.013 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion:131 Resp: 167
Ion Ratio Lower Upper
131 100
133 0.0 77.4 116.2#
119 0.0 49.4 74.0#





#57

Chlorobenzene

Concen: 0.023 ppbv

RT: 8.936 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

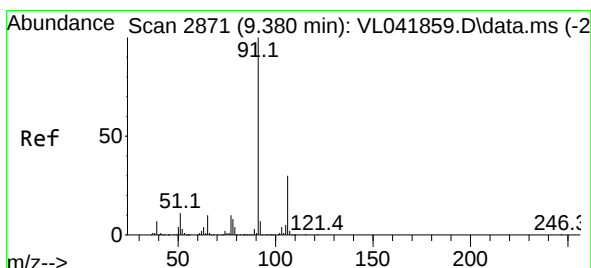
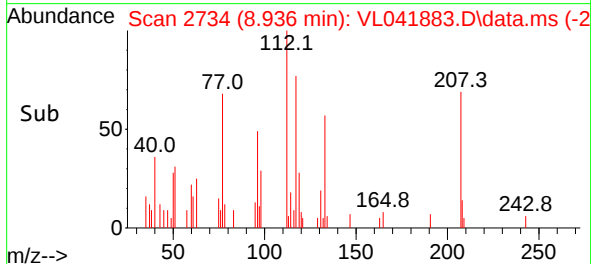
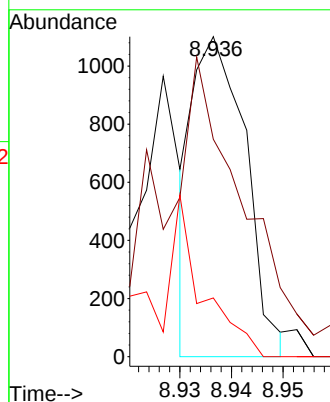
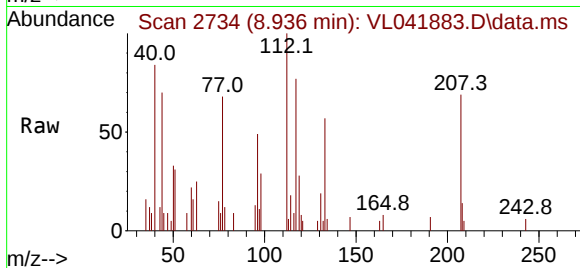
Tgt Ion:112 Resp: 781

Ion Ratio Lower Upper

112 100

77 35.1 58.3 87.5#

114 19.9 28.9 35.3#



#58

Ethyl Benzene

Concen: 0.007 ppbv

RT: 9.354 min Scan# 2863

Delta R.T. -0.026 min

Lab File: VL041883.D

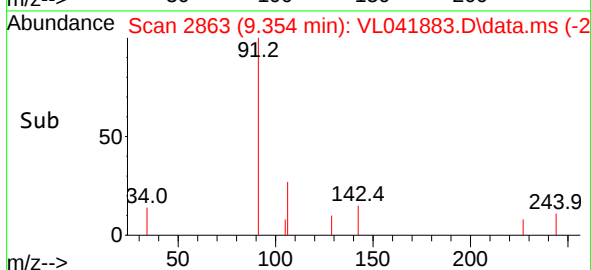
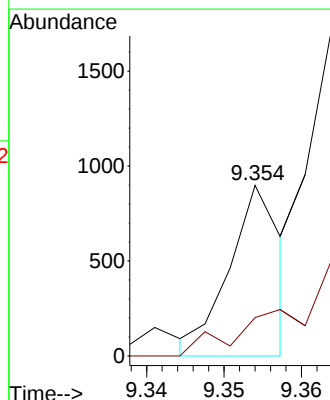
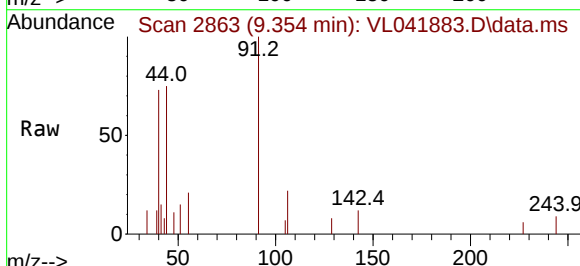
Acq: 10 Jan 2025 00:17

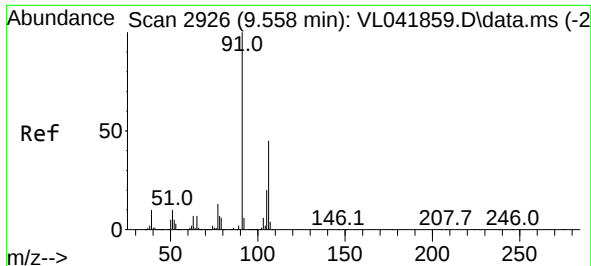
Tgt Ion: 91 Resp: 419

Ion Ratio Lower Upper

91 100

106 27.2 24.2 36.2





#59

m/p-Xylene

Concen: 0.010 ppbv

RT: 9.548 min Scan# 2926

Delta R.T. -0.010 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :

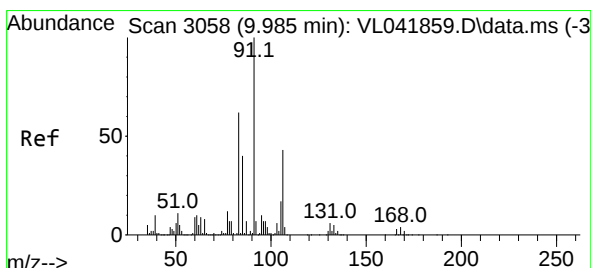
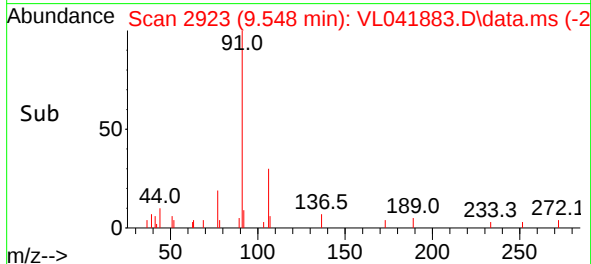
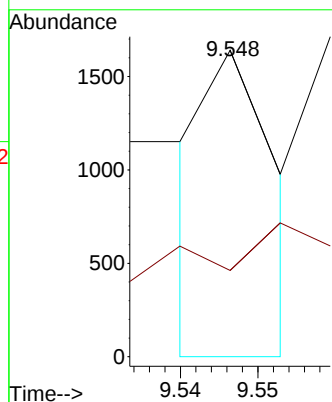
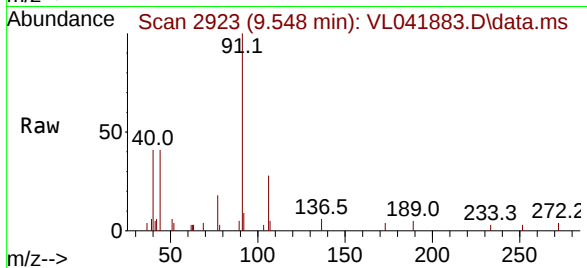
MDL 0.03

Tgt Ion: 91 Resp: 508

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 0.027 ppbv

RT: 9.975 min Scan# 3055

Delta R.T. -0.010 min

Lab File: VL041883.D

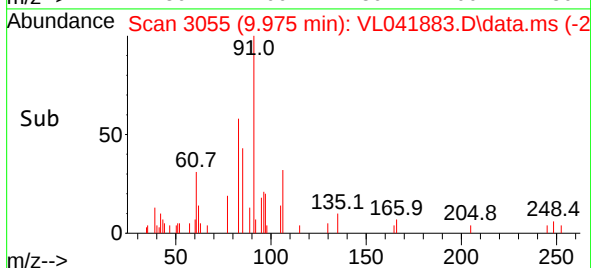
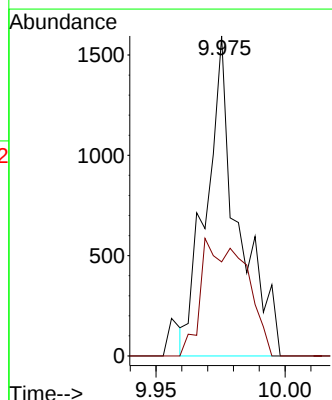
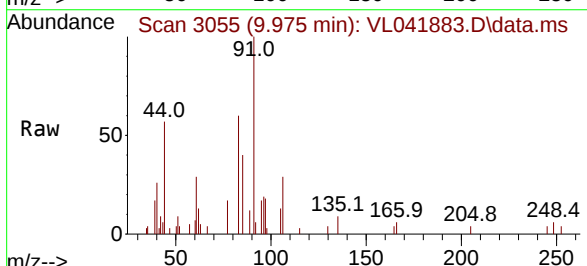
Acq: 10 Jan 2025 00:17

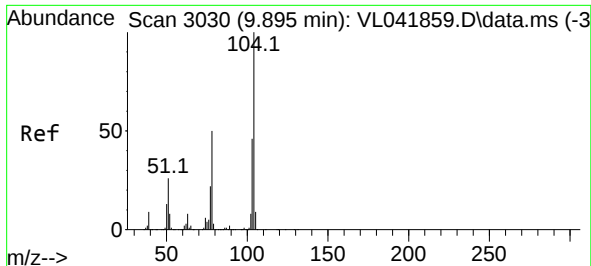
Tgt Ion: 91 Resp: 1368

Ion Ratio Lower Upper

91 100

106 51.8 21.4 64.3

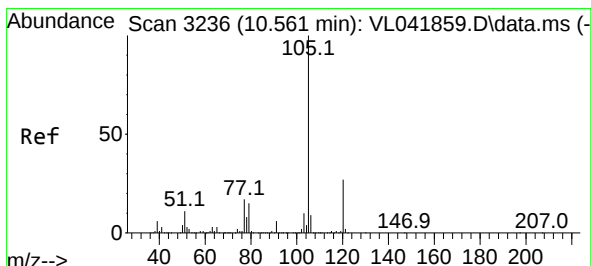
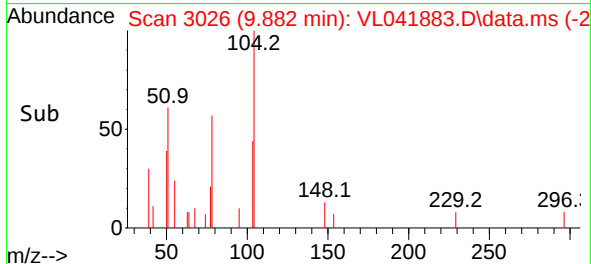
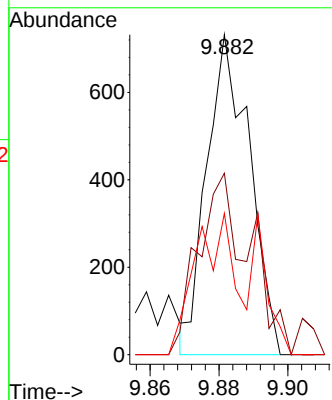
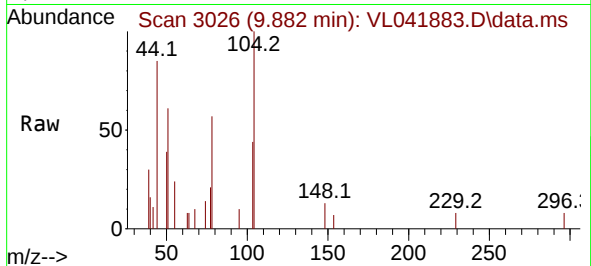




#61
Styrene
Concen: 0.025 ppbv
RT: 9.882 min Scan# 3030
Delta R.T. -0.013 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

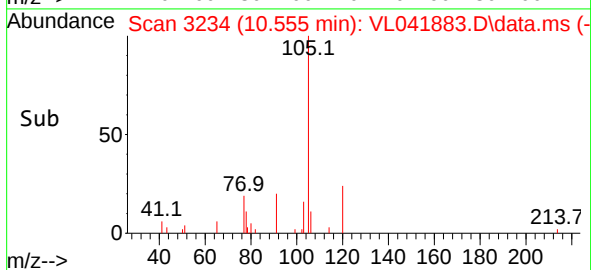
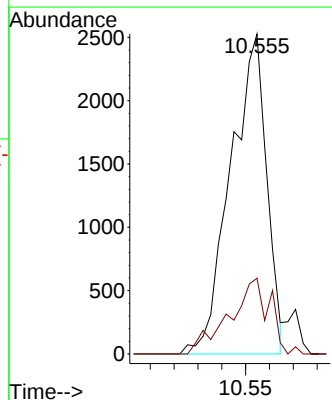
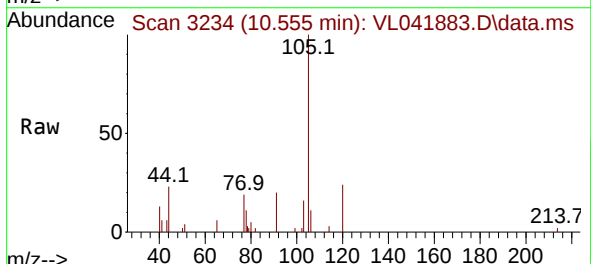
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

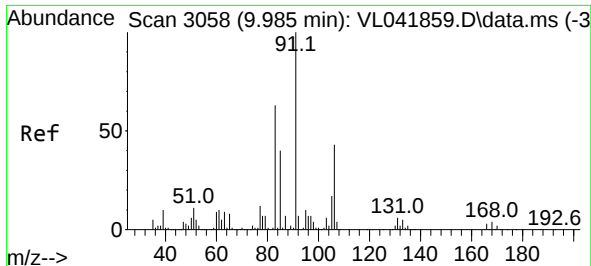
Tgt Ion:104 Resp: 629
Ion Ratio Lower Upper
104 100
78 73.0 40.7 61.1#
103 56.3 37.0 55.6#



#62
Isopropylbenzene
Concen: 0.035 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. -0.007 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion:105 Resp: 2655
Ion Ratio Lower Upper
105 100
120 26.5 20.3 30.5

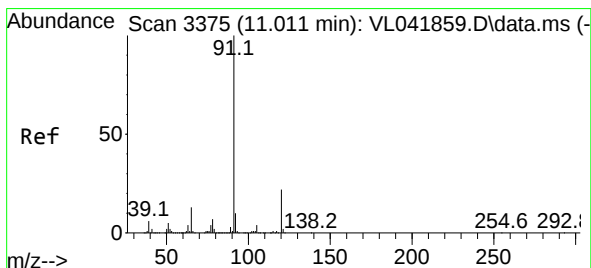
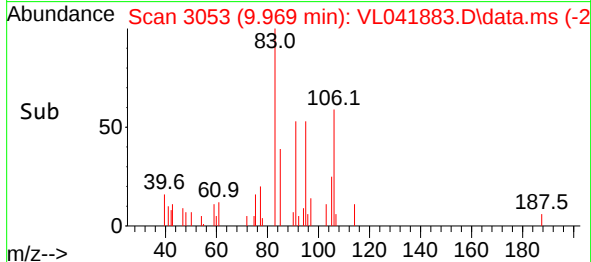
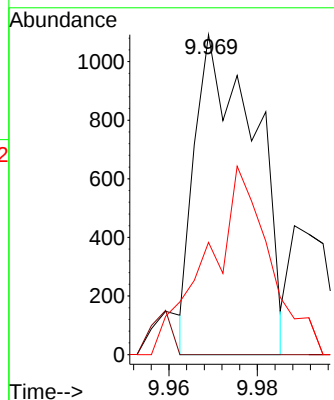
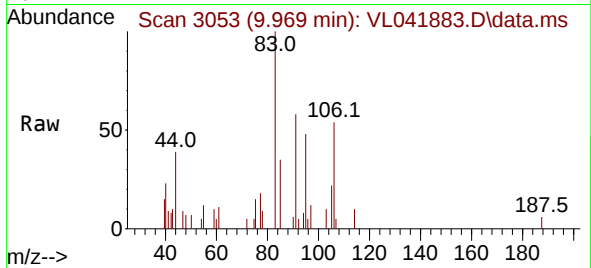




#63
1,1,2,2-Tetrachloroethane
Concen: 0.034 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.016 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

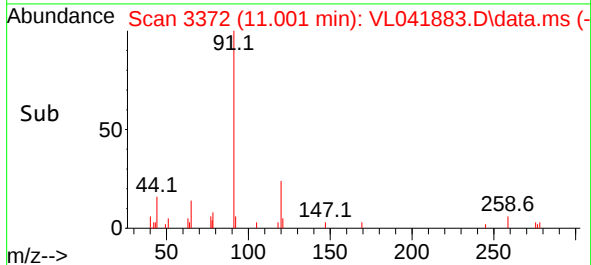
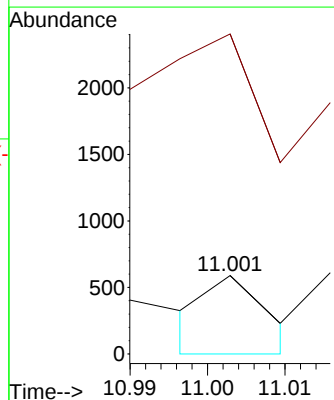
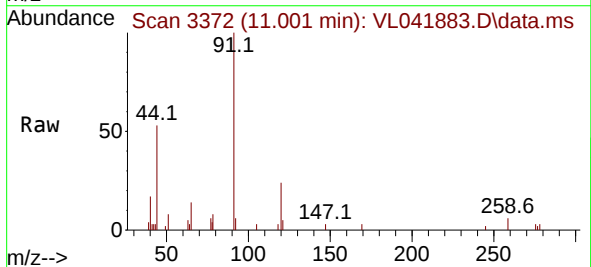
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

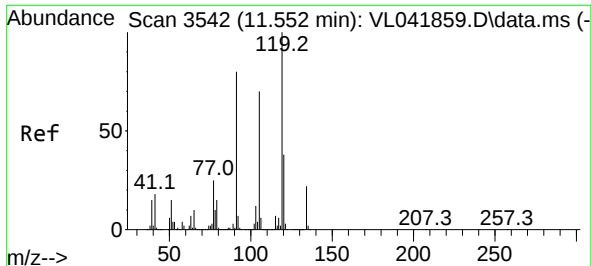
Tgt Ion: 83 Resp: 1023
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3#
85 61.2 32.1 96.3



#64
n-propylbenzene
Concen: 0.008 ppbv
RT: 11.001 min Scan# 3372
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 120 Resp: 159
Ion Ratio Lower Upper
120 100
91 1727.0 376.9 565.3#

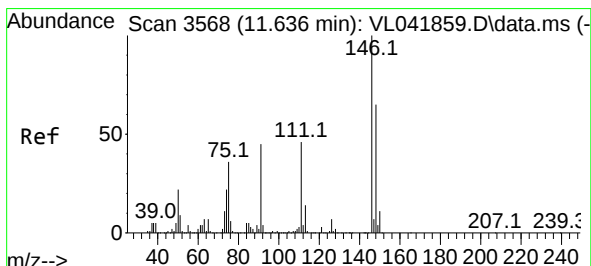
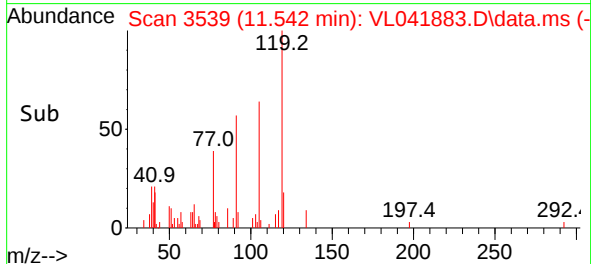
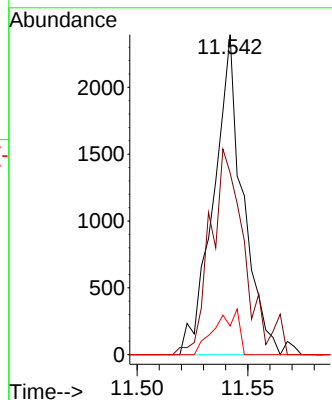
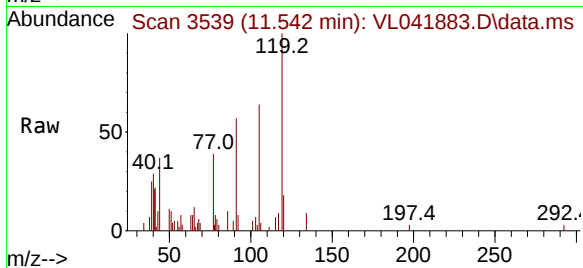




#65
tert-Butylbenzene
Concen: 0.032 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

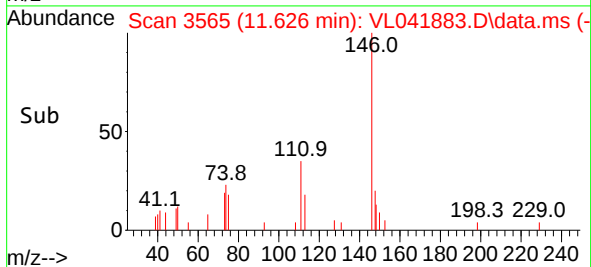
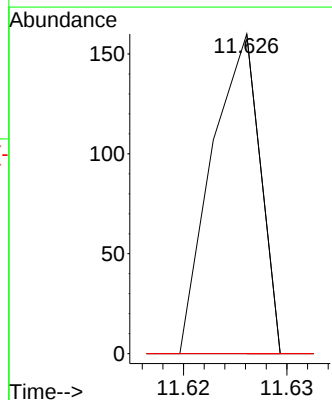
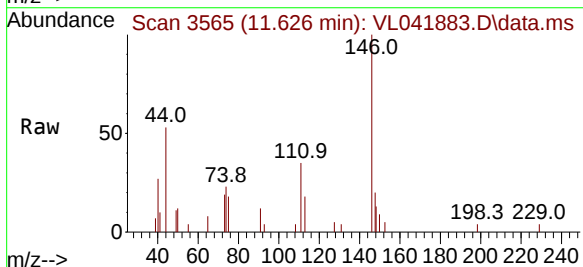
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

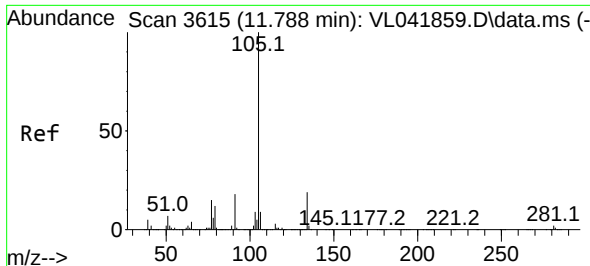
Tgt Ion:119 Resp: 2202
Ion Ratio Lower Upper
119 100
91 75.5 64.6 97.0
134 11.4 16.9 25.3#



#66
Benzyl Chloride
Concen: 0.007 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 91 Resp: 52
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#

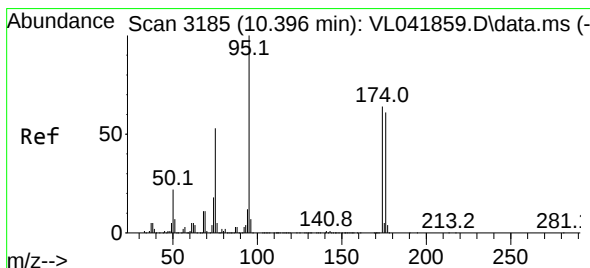
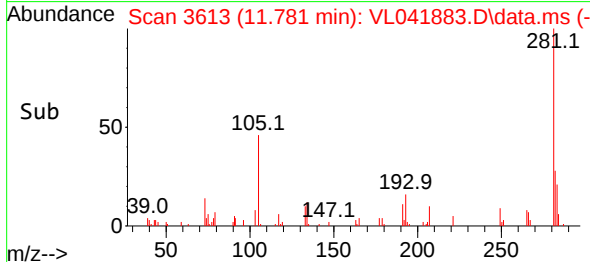
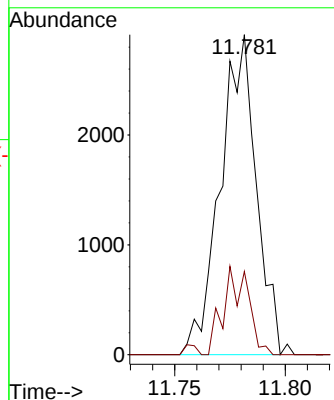
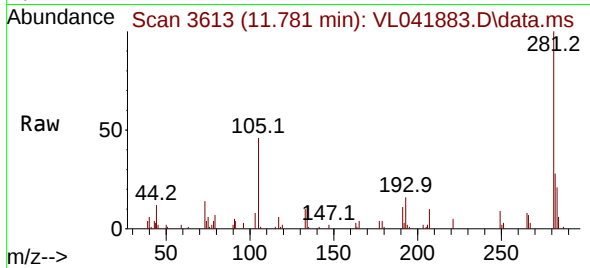




#67
 sec-Butylbenzene
 Concen: 0.035 ppbv
 RT: 11.781 min Scan# 3613
 Delta R.T. -0.007 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

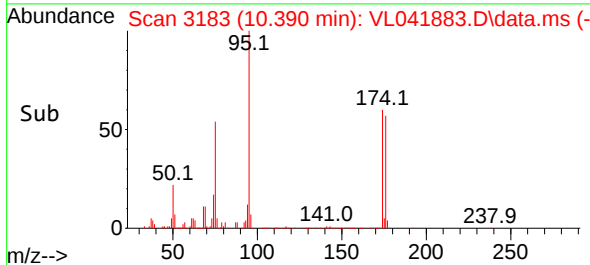
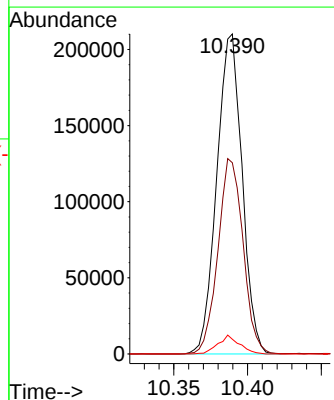
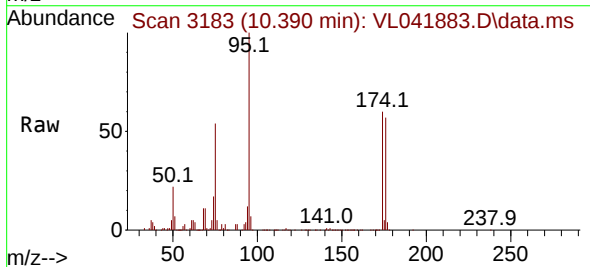
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

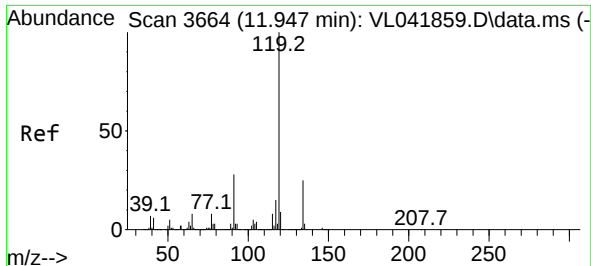
Tgt Ion:105 Resp: 3286
 Ion Ratio Lower Upper
 105 100
 134 20.1 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.191 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.007 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Tgt Ion: 95 Resp: 251243
 Ion Ratio Lower Upper
 95 100
 174 60.7 51.1 76.7
 175 5.0 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.031 ppbv

RT: 11.937 min Scan# 3661

Delta R.T. -0.010 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

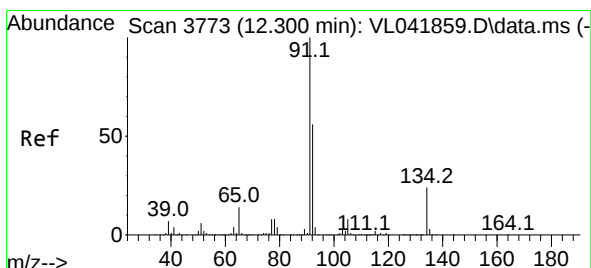
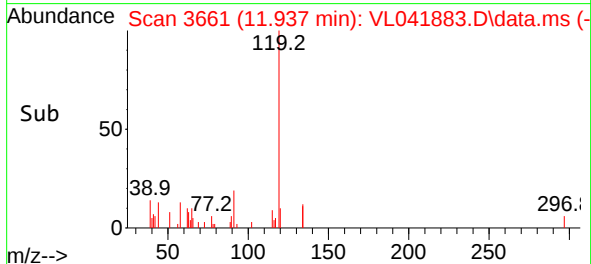
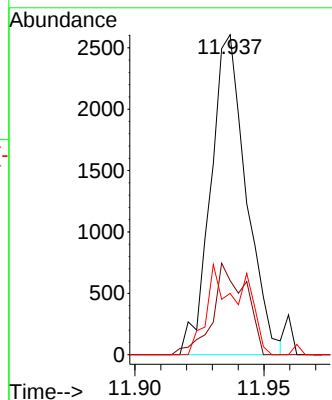
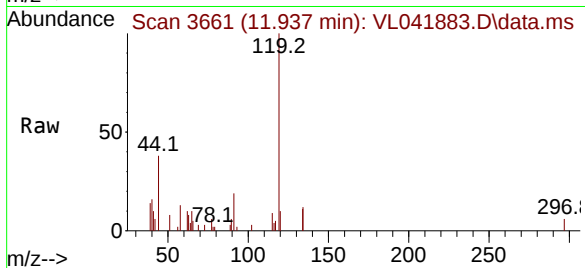
Tgt Ion:119 Resp: 2496

Ion Ratio Lower Upper

119 100

134 26.4 20.3 30.5

91 28.8 22.6 34.0



#70

n-Butylbenzene

Concen: 0.026 ppbv

RT: 12.290 min Scan# 3770

Delta R.T. -0.010 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

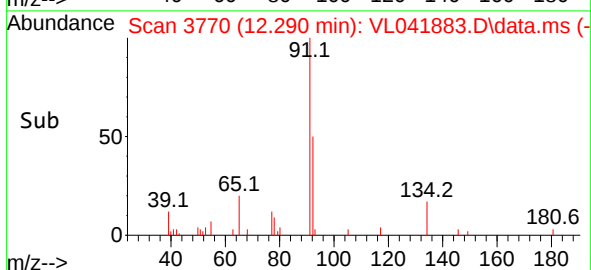
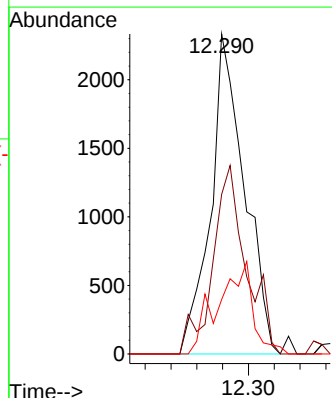
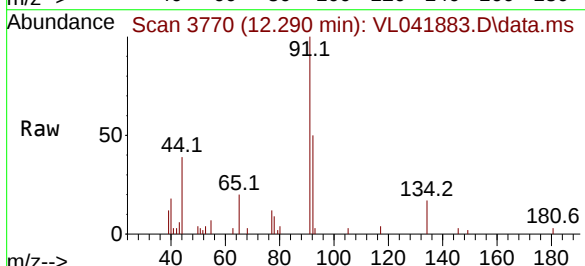
Tgt Ion: 91 Resp: 2119

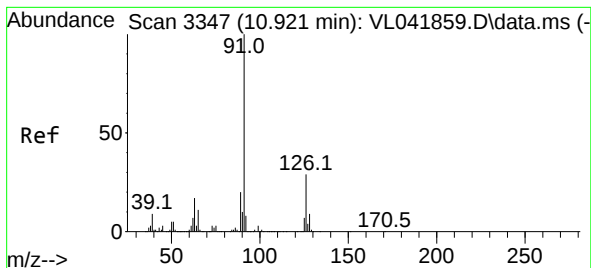
Ion Ratio Lower Upper

91 100

92 58.6 43.8 65.8

134 29.8 19.3 28.9#

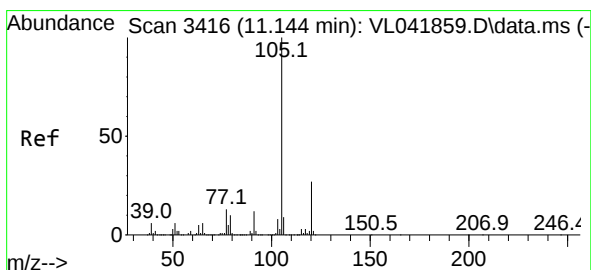
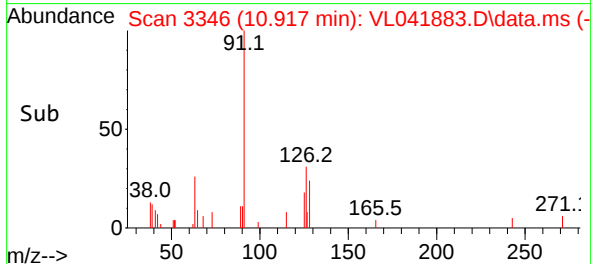
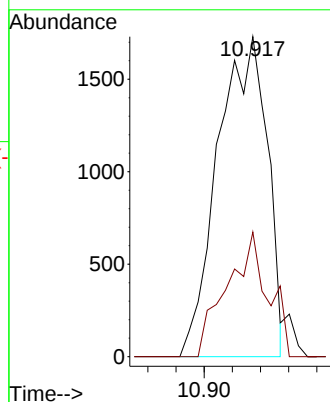
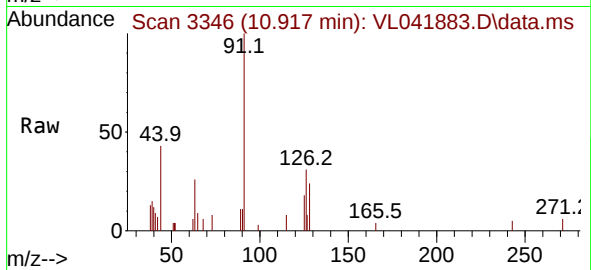




#71
2-Chlorotoluene
Concen: 0.036 ppbv
RT: 10.917 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

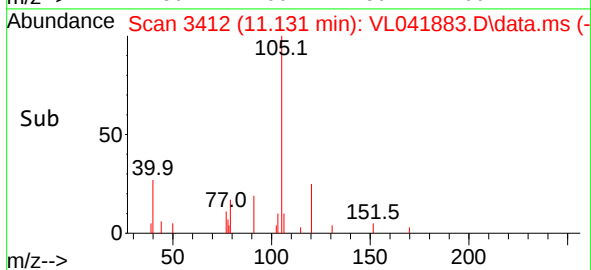
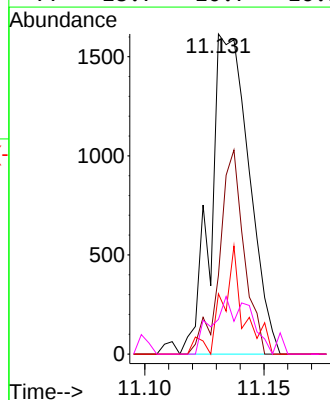
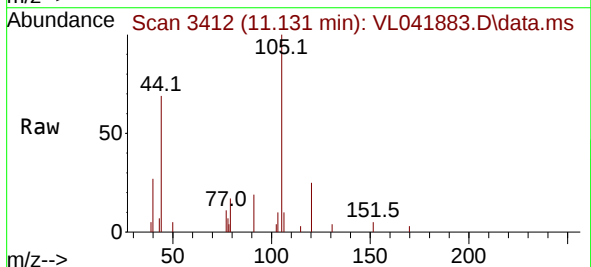
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

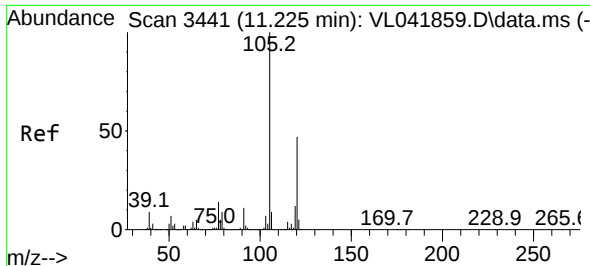
Tgt Ion: 91 Resp: 2103
Ion Ratio Lower Upper
91 100
126 32.2 11.6 46.6



#72
4-Ethyltoluene
Concen: 0.029 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.013 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion: 105 Resp: 1801
Ion Ratio Lower Upper
105 100
120 40.8 23.5 35.3#
91 19.0 9.8 14.8#
77 18.7 10.7 16.1#

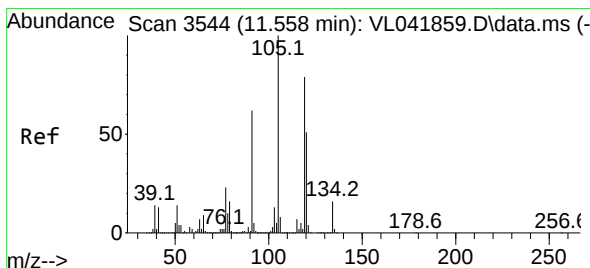
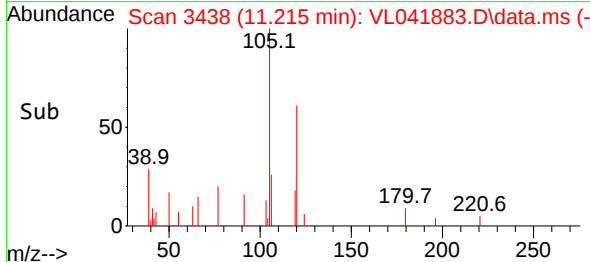
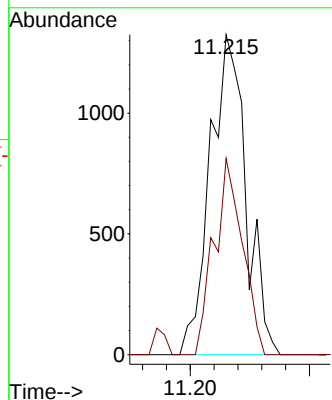
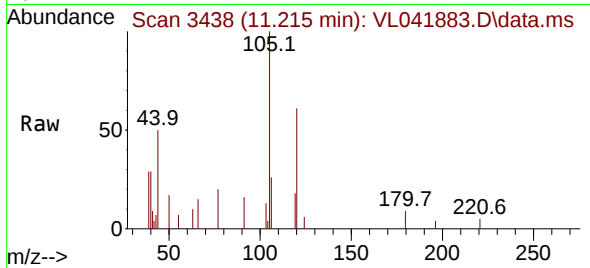




#73
 1,3,5-Trimethylbenzene
 Concen: 0.027 ppbv
 RT: 11.215 min Scan# 3441
 Delta R.T. -0.010 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

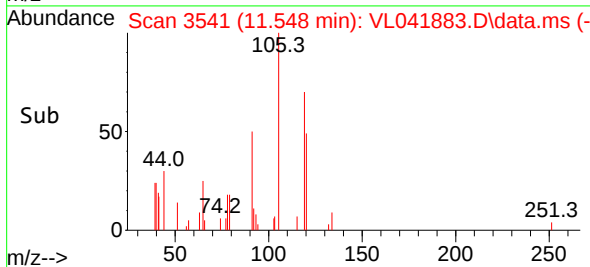
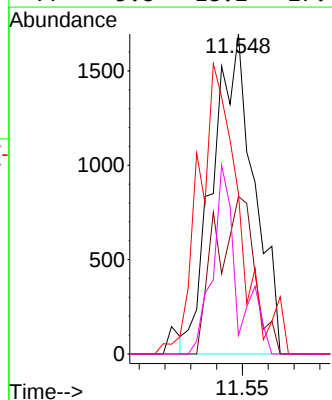
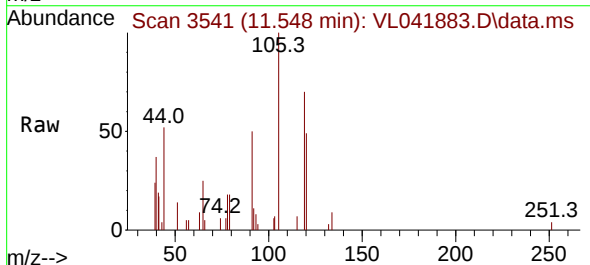
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

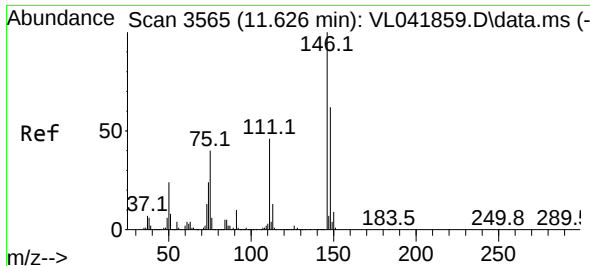
Tgt Ion:105 Resp: 1386
 Ion Ratio Lower Upper
 105 100
 120 61.3 37.2 55.8#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.033 ppbv
 RT: 11.548 min Scan# 3541
 Delta R.T. -0.010 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Tgt Ion:105 Resp: 1878
 Ion Ratio Lower Upper
 105 100
 120 49.2 41.1 61.7
 91 44.9 50.0 75.0#
 77 5.8 18.2 27.4#

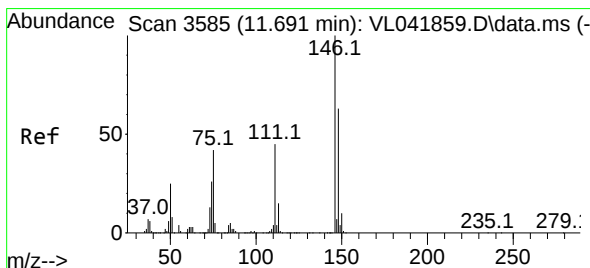
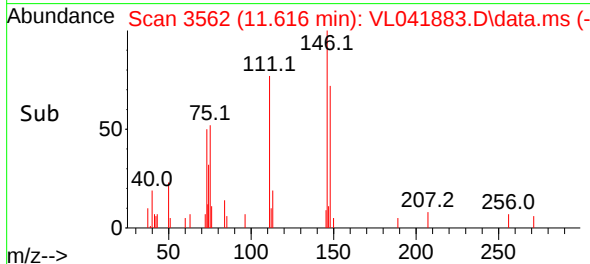
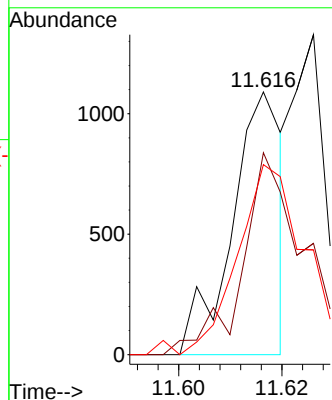
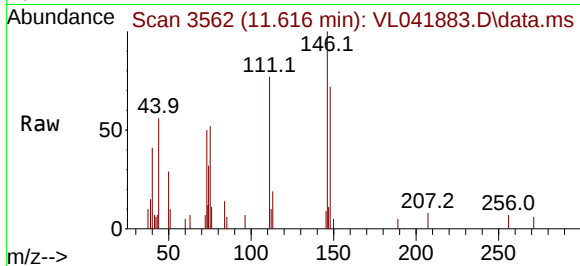




#75
1,3-Dichlorobenzene
Concen: 0.022 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.010 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

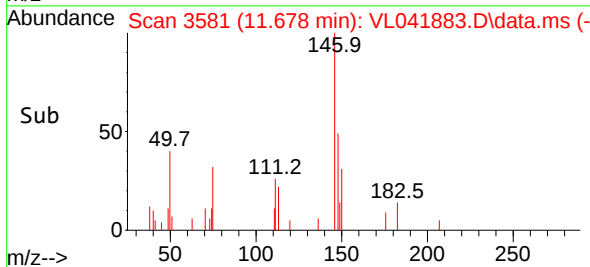
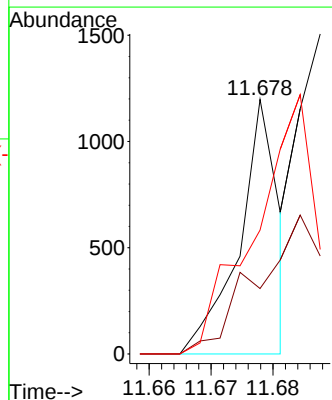
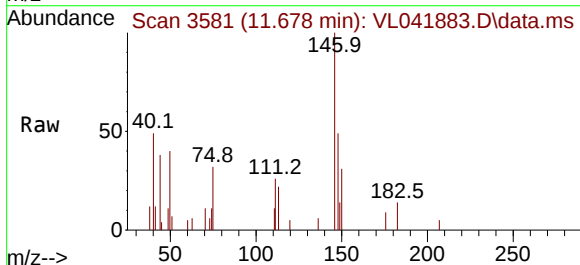
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

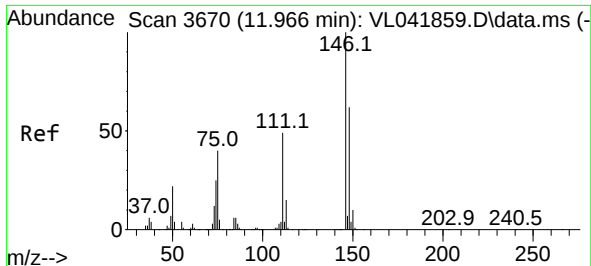
Tgt Ion:146 Resp: 742
Ion Ratio Lower Upper
146 100
111 91.1 23.2 69.5#
148 105.9 31.6 94.7#



#76
1,4-Dichlorobenzene
Concen: 0.016 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.013 min
Lab File: VL041883.D
Acq: 10 Jan 2025 00:17

Tgt Ion:146 Resp: 531
Ion Ratio Lower Upper
146 100
111 0.0 22.1 66.1#
148 0.0 31.2 93.6#

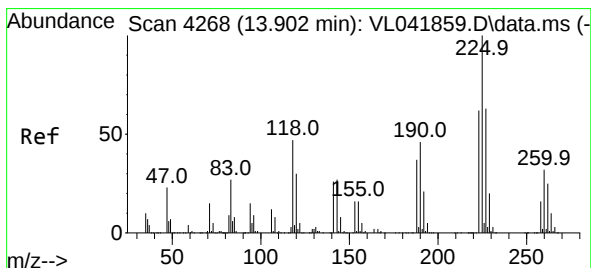
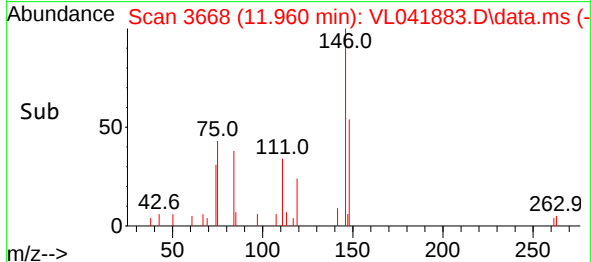
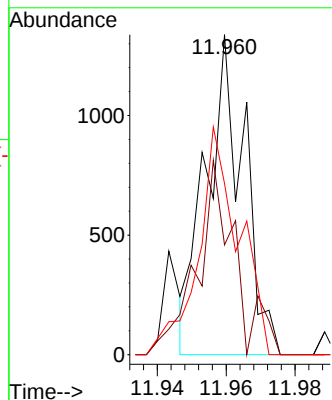
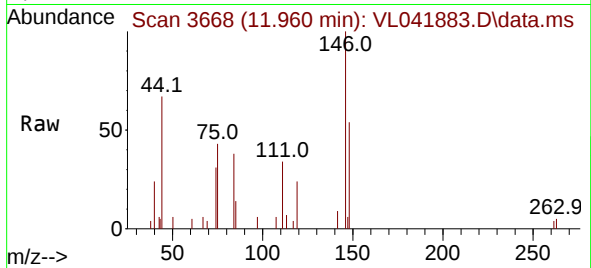




#77
 1,2-Dichlorobenzene
 Concen: 0.032 ppbv
 RT: 11.960 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

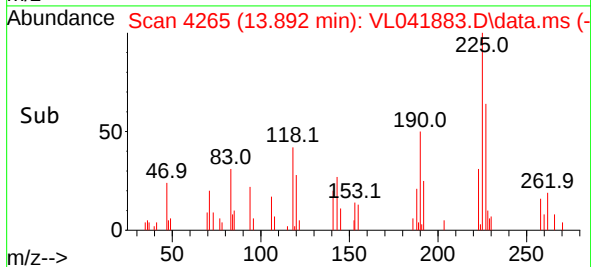
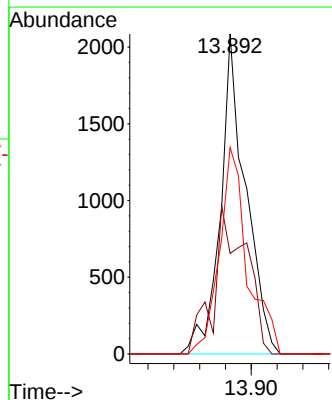
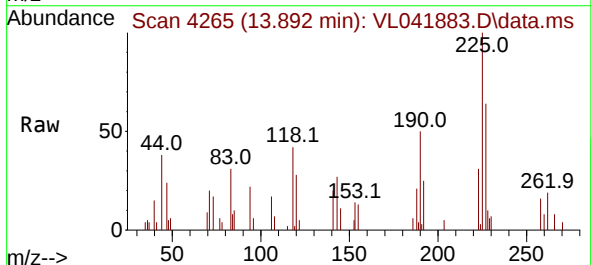
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

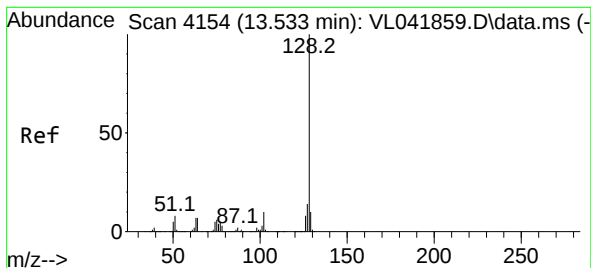
Tgt Ion:	146	Resp:	1027
Ion	Ratio	Lower	Upper
146	100		
111	60.8	24.1	72.3
148	75.9	31.5	94.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.052 ppbv
 RT: 13.892 min Scan# 4265
 Delta R.T. -0.010 min
 Lab File: VL041883.D
 Acq: 10 Jan 2025 00:17

Tgt Ion:	225	Resp:	1415
Ion	Ratio	Lower	Upper
225	100		
223	59.4	50.6	75.8
227	71.4	50.9	76.3





#79

Naphthalene

Concen: 0.033 ppbv

RT: 13.526 min Scan# 4152

Delta R.T. -0.007 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

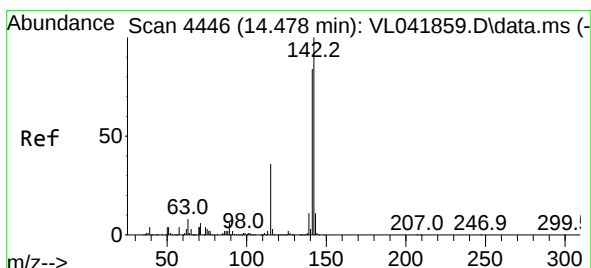
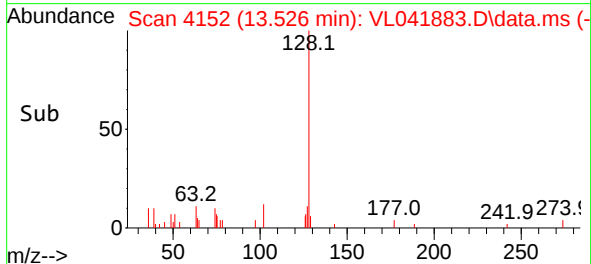
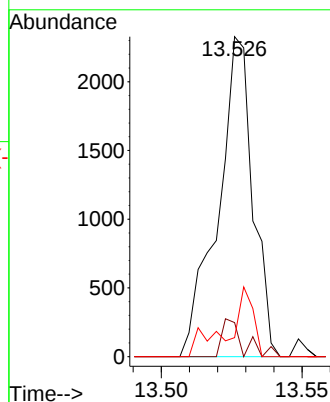
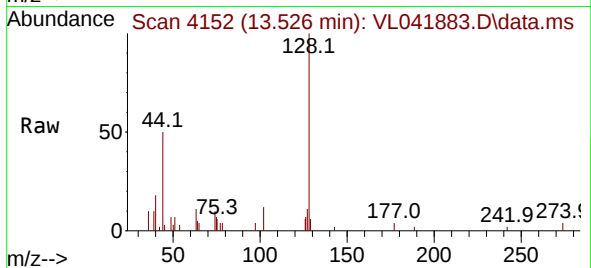
Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

Tgt Ion:	128	Resp:	2011
Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.8	16.2#
129	5.9	8.2	12.4#



#80

Naphthalene, 2-methyl-

Concen: 0.026 ppbv

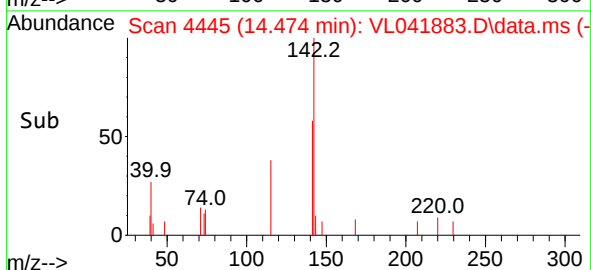
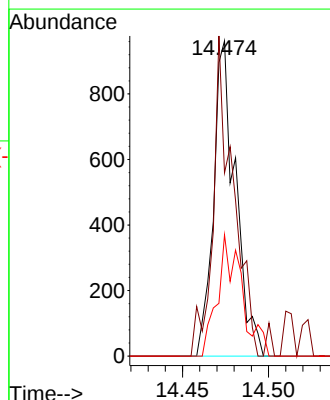
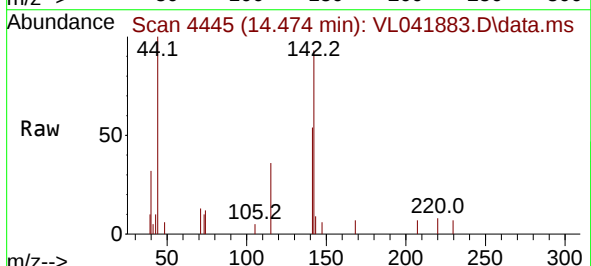
RT: 14.474 min Scan# 4445

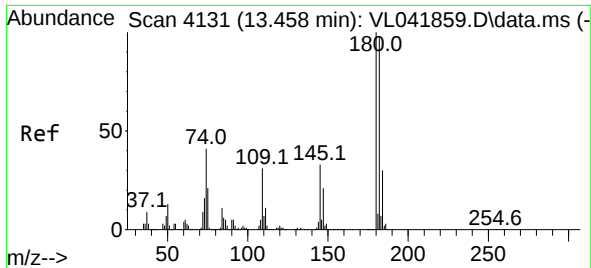
Delta R.T. -0.003 min

Lab File: VL041883.D

Acq: 10 Jan 2025 00:17

Tgt Ion:	142	Resp:	849
Ion	Ratio	Lower	Upper
142	100		
141	95.6	68.2	102.4
115	43.0	29.4	44.2





#81

1,2,4-Trichlorobenzene

Concen: 0.029 ppbv

RT: 13.448 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041883.D

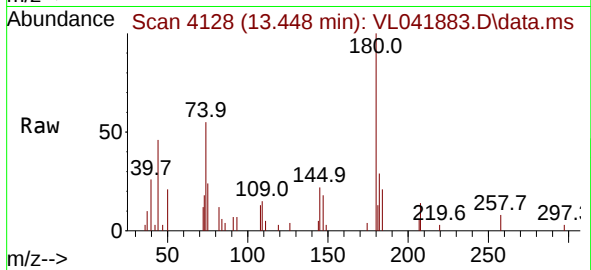
Acq: 10 Jan 2025 00:17

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03



Tgt Ion:180 Resp: 825

Ion Ratio Lower Upper

180 100

182 125.1 75.8 113.8#

184 57.6 24.1 36.1#

