

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040136.D
 Acq On : 30 Jan 2023 17:08
 Operator : SY/MD
 Sample : N4995-13 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 31 05:29:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 31 05:24:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	829044	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2104655	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.461	117	1841161	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1508927	9.861	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.835	85	2085	0.014	ppbv	99
3) Chlorodifluoromethane	2.658	51	3267	0.033	ppbv	98
4) Chloromethane	2.796	50	2926	0.048	ppbv	97
5) Vinyl Chloride	2.899	62	1477	0.028	ppbv	97
6) Bromomethane	3.105	94	648	0.034	ppbv	95
7) Chloroethane	3.176	64	279	0.014	ppbv #	43
8) Dichlorotetrafluoroethane	2.841	85	1891	0.014	ppbv #	1
9) Propene	2.973	41	216	0.005	ppbv	89
10) Heptane	7.565	43	533	0.006	ppbv #	1
11) Trichlorofluoromethane	3.552	101	1848	0.013	ppbv	88
12) 1,1,2-Trichlorotrifluo...	4.050	101	3377	0.031	ppbv	85
13) Ethanol	3.234	45	238	0.063	ppbv #	38
14) Bromoethene	3.353	108	1048	0.026	ppbv #	65
15) Acetone	3.478	43	14554	0.146	ppbv #	79
16) 1,3-Butadiene	2.963	39	815	0.018	ppbv #	51
17) tert-Butyl alcohol	3.877	59	56	0.001	ppbv #	72
18) 1,1-Dichloroethene	3.867	96	855	0.018	ppbv #	36
19) Isopropyl Alcohol	3.536	45	116	0.002	ppbv #	1
20) Methylene Chloride	3.918	84	3604	0.082	ppbv	89
21) Allyl Chloride	3.983	41	1686	0.026	ppbv #	45
22) trans-1,2-Dichloroethene	4.433	96	981	0.020	ppbv #	76
23) Vinyl Acetate	4.610	43	503	0.016	ppbv #	1
24) 1,1-Dichloroethane	4.545	63	1494	0.015	ppbv #	62
25) Ethyl Acetate	5.198	43	1745	0.010	ppbv #	74
26) Hexane	5.195	57	1437	0.019	ppbv #	1
27) Carbon Disulfide	4.105	76	1653	0.017	ppbv #	70
28) Methyl tert-Butyl Ether	4.568	73	310	0.004	ppbv #	53
29) Chloroform	5.266	83	1758	0.014	ppbv	99
30) Cyclohexane	6.590	84	263	0.004	ppbv #	1
31) cis-1,2-Dichloroethene	5.063	61	2040	0.027	ppbv #	58
32) 1,1,1-Trichloroethane	5.992	97	594	0.005	ppbv #	1
34) 2-Butanone	4.774	43	117	0.001	ppbv #	53
35) Carbon Tetrachloride	6.487	117	1391	0.012	ppbv	95
36) Benzene	6.359	78	2818	0.018	ppbv #	83
37) 1,2-Dichloroethane	5.790	62	1400	0.014	ppbv	100
38) Trichloroethene	7.282	130	739	0.008	ppbv #	40
39) 1,2-Dichloropropane	6.639	63	529235	8.687	ppbv #	23
40) 1,4-Dioxane	7.339	88	124	0.005	ppbv #	1
41) Tetrahydrofuran	5.571	42	191	0.003	ppbv #	36
42) Bromodichloromethane	7.233	83	1908	0.014	ppbv #	96
43) Methyl Methacrylate	7.475	69	523	0.009	ppbv #	1
44) 2,2,4-Trimethylpentane	7.320	57	2436	0.009	ppbv #	30
45) t-1,3-Dichloropropene	8.696	75	157	0.003	ppbv #	43

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 31 05:24:57 2023
 Response via : Initial Calibration

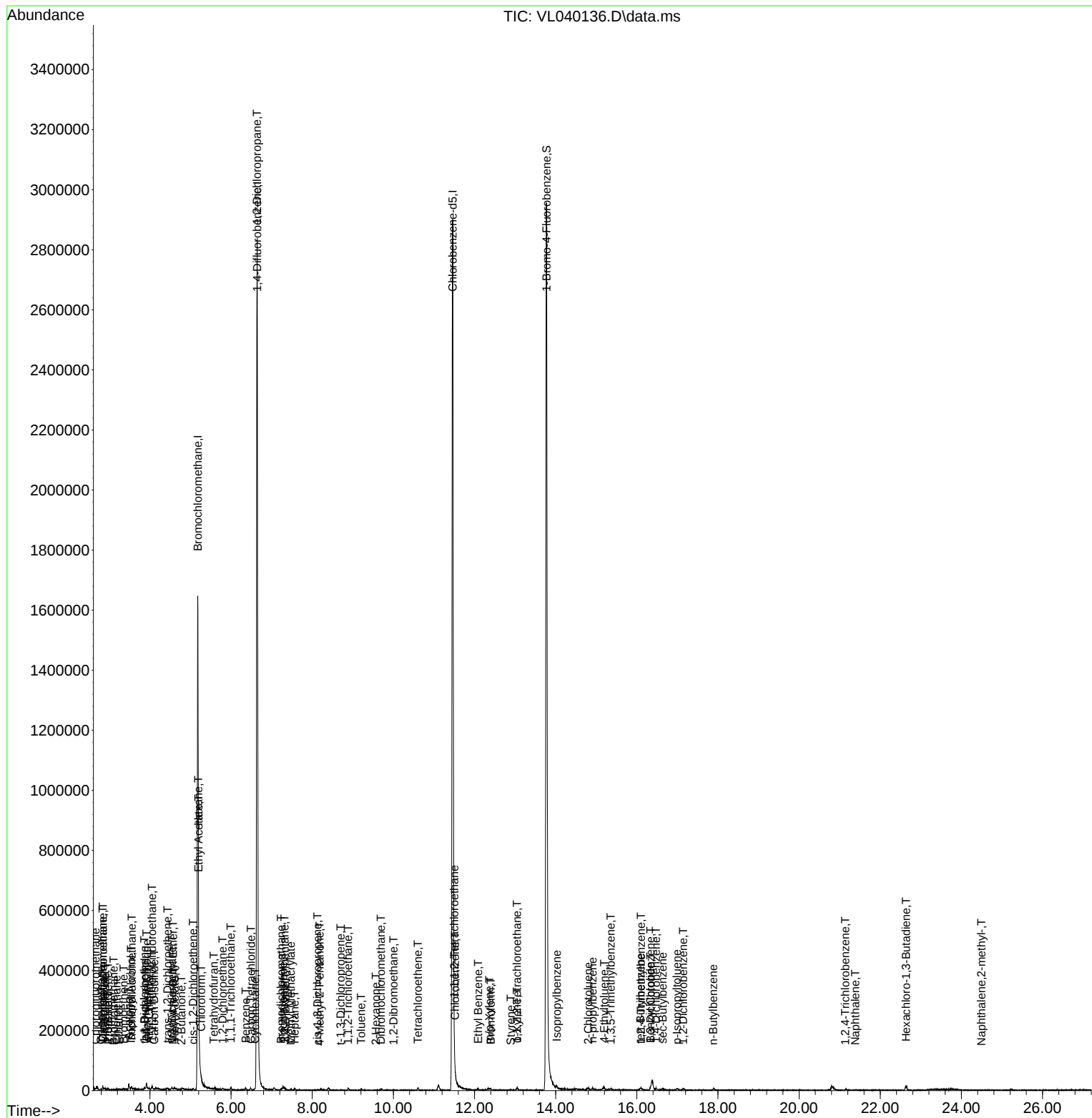
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.127	75	641	0.009	ppbv	#	68
47) 1,1,2-Trichloroethane	8.883	97	414	0.006	ppbv	#	45
48) Dibromochloromethane	9.696	129	658	0.006	ppbv	#	1
49) Bromoform	12.400	173	370	0.005	ppbv	#	27
50) 4-Methyl-2-Pentanone	8.185	43	129	0.001	ppbv	#	39
51) 2-Hexanone	9.568	43	328	0.003	ppbv	#	30
52) Tetrachloroethene	10.600	164	585	0.011	ppbv	#	22
53) Toluene	9.204	91	1459	0.009	ppbv	#	9
54) 1,2-Dibromoethane	10.002	107	674	0.010	ppbv		83
56) 1,1,1,2-Tetrachloroethane	11.503	131	551	0.008	ppbv	#	1
57) Chlorobenzene	11.516	112	1582	0.013	ppbv	#	61
58) Ethyl Benzene	12.089	91	1086	0.005	ppbv		92
59) m/p-Xylene	12.365	91	1074	0.006	ppbv	#	33
60) o-Xylene	13.047	91	1357	0.008	ppbv	#	33
61) Styrene	12.892	104	760	0.008	ppbv	#	1
62) Isopropylbenzene	14.031	105	1729	0.007	ppbv	#	35
63) 1,1,2,2-Tetrachloroethane	13.047	83	569	0.009	ppbv	#	1
64) n-propylbenzene	14.912	120	413	0.007	ppbv	#	1
65) tert-Butylbenzene	16.092	119	918	0.004	ppbv	#	1
66) Benzyl Chloride	16.336	91	88	0.006	ppbv	#	65
67) sec-Butylbenzene	16.638	105	1133	0.004	ppbv	#	60
69) p-Isopropyltoluene	16.992	119	1459	0.006	ppbv	#	3
70) n-Butylbenzene	17.886	91	1242	0.005	ppbv	#	1
71) 2-Chlorotoluene	14.802	91	1571	0.008	ppbv		80
72) 4-Ethyltoluene	15.201	105	1269	0.007	ppbv	#	28
73) 1,3,5-Trimethylbenzene	15.355	105	612	0.003	ppbv	#	31
74) 1,2,4-Trimethylbenzene	16.101	105	484	0.002	ppbv	#	1
75) 1,3-Dichlorobenzene	16.336	146	736	0.007	ppbv	#	22
76) 1,4-Dichlorobenzene	16.474	146	743	0.007	ppbv	#	22
77) 1,2-Dichlorobenzene	17.140	146	821	0.008	ppbv	#	22
78) Hexachloro-1,3-Butadiene	22.638	225	1604	0.021	ppbv	#	1
79) Naphthalene	21.381	128	326	0.003	ppbv	#	69
80) Naphthalene,2-methyl-	24.490	142	48	0.001	ppbv	#	1
81) 1,2,4-Trichlorobenzene	21.136	180	589	0.009	ppbv	#	11

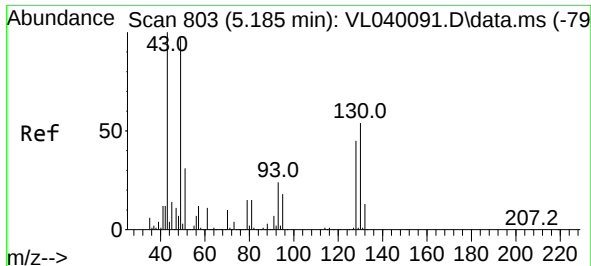
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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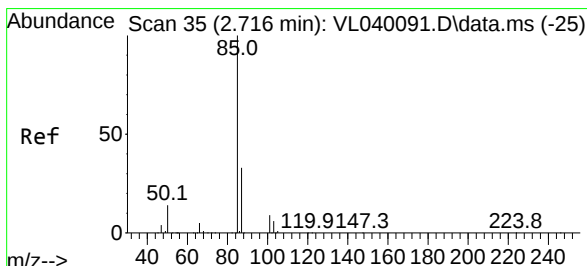
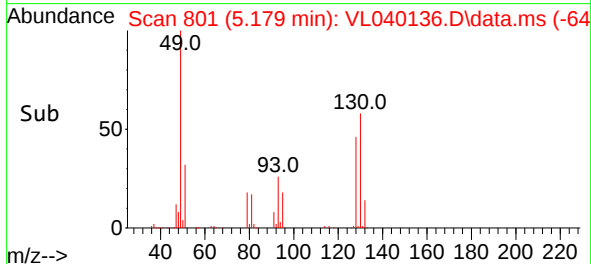
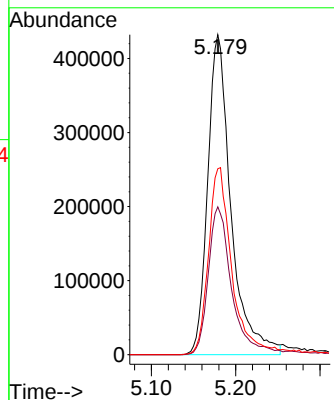
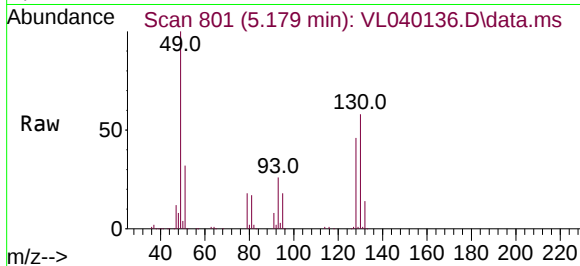




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

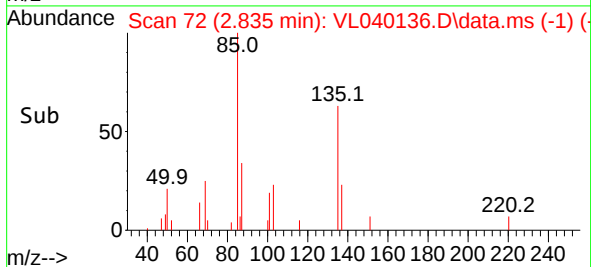
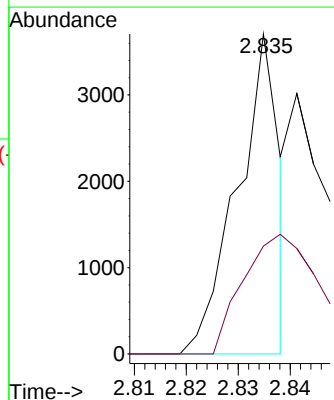
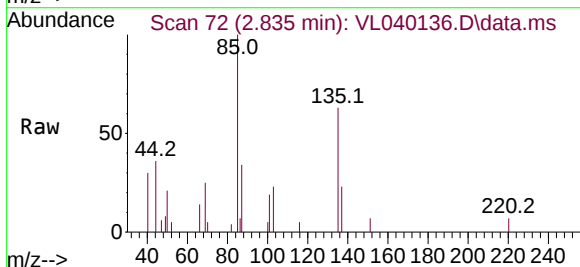
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MSVOA_L
ClientSampleId :

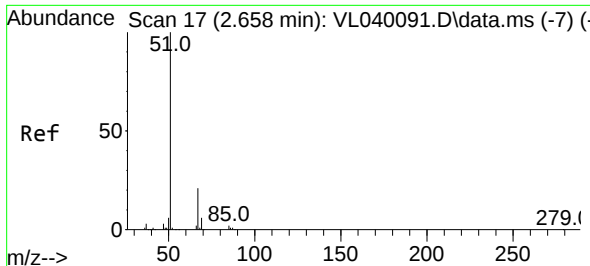
Tgt Ion: 49 Resp: 829044
Ion Ratio Lower Upper
49 100
128 47.7 23.6 71.0
130 60.6 29.8 89.3



#2
Dichlorodifluoromethane
Concen: 0.014 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.122 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 85 Resp: 2085
Ion Ratio Lower Upper
85 100
87 33.7 26.5 39.7

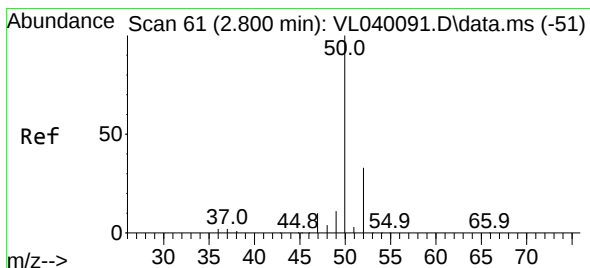
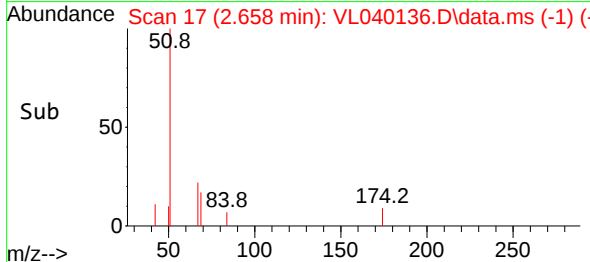
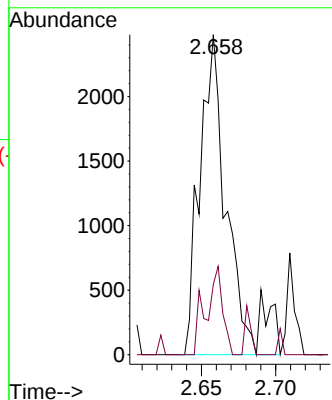
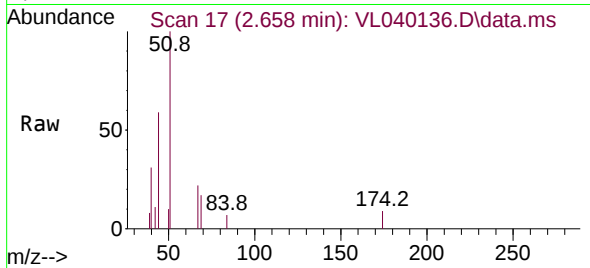




#3
Chlorodifluoromethane
Concen: 0.033 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

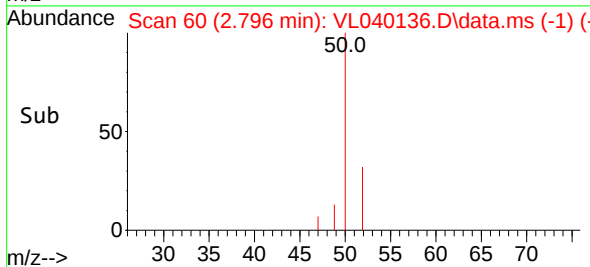
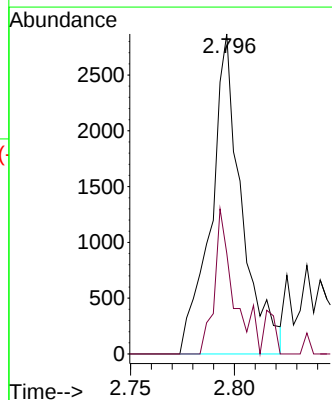
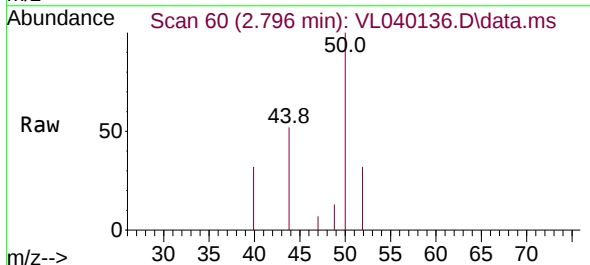
Instrument :
MSVOA_L
ClientSampleId :

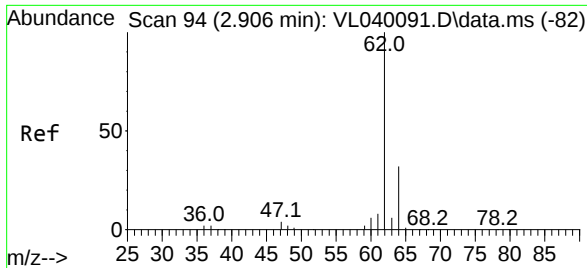
Tgt Ion: 51 Resp: 3267
Ion Ratio Lower Upper
51 100
67 19.6 16.4 24.6



#4
Chloromethane
Concen: 0.048 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 50 Resp: 2926
Ion Ratio Lower Upper
50 100
52 31.5 26.5 39.7

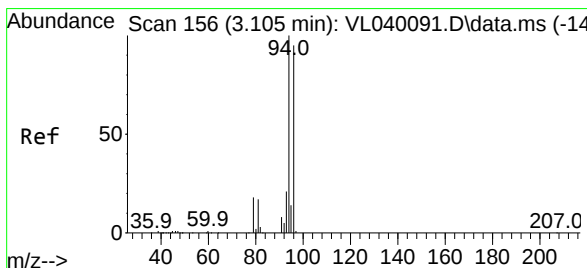
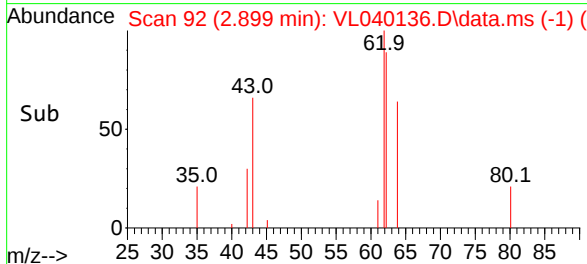
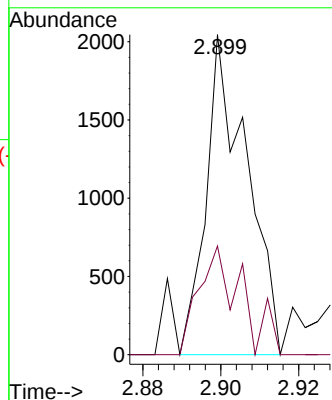
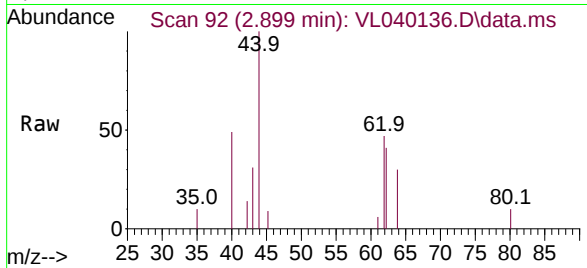




#5
 Vinyl Chloride
 Concen: 0.028 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040136.D
 Acq: 30 Jan 2023 17:08

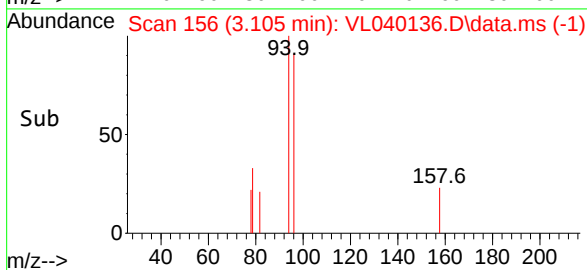
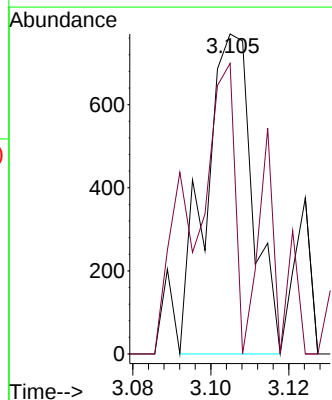
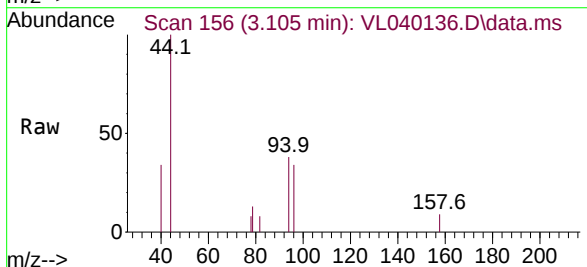
Instrument :
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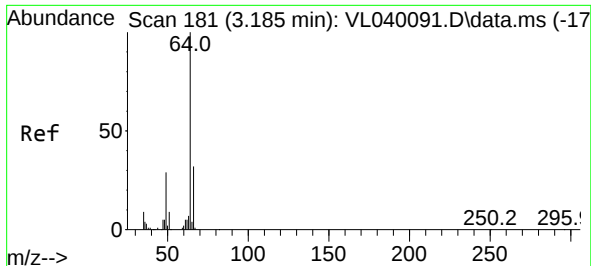
Tgt Ion: 62 Resp: 1477
 Ion Ratio Lower Upper
 62 100
 64 34.0 25.8 38.6



#6
 Bromomethane
 Concen: 0.034 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. 0.003 min
 Lab File: VL040136.D
 Acq: 30 Jan 2023 17:08

Tgt Ion: 94 Resp: 648
 Ion Ratio Lower Upper
 94 100
 96 90.8 76.2 114.2

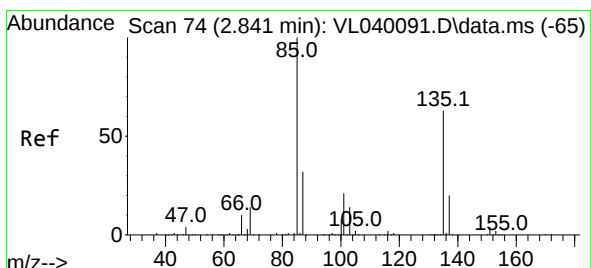
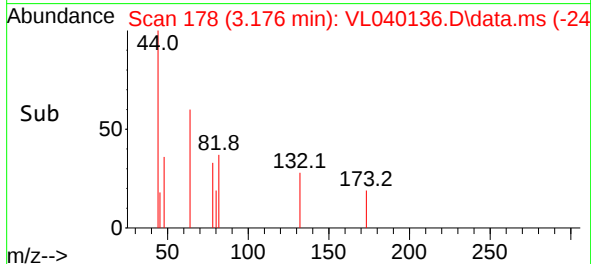
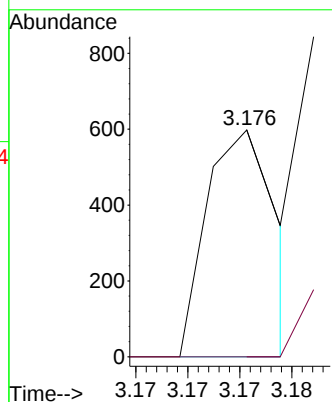
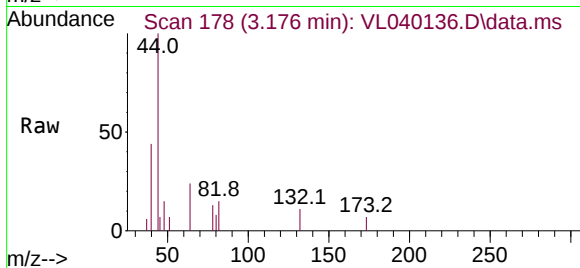




#7
Chloroethane
Concen: 0.014 ppbv
RT: 3.176 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

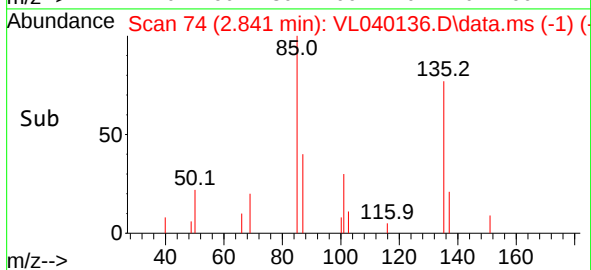
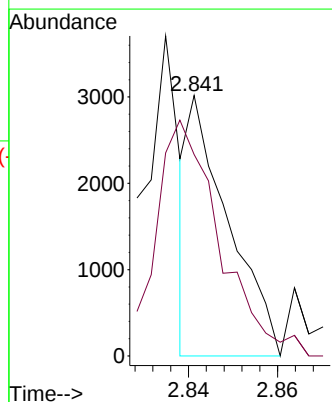
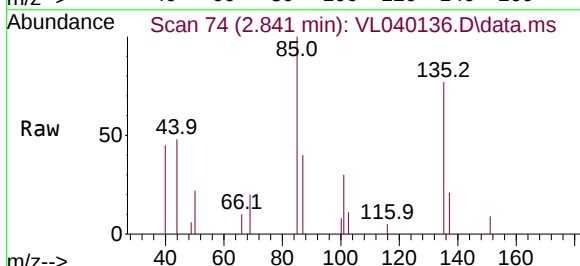
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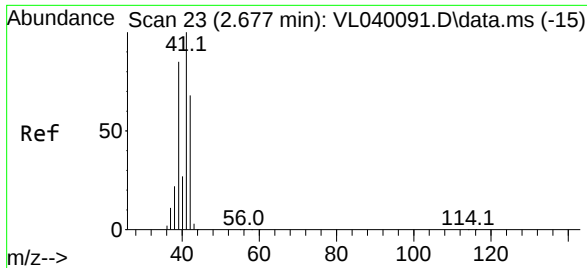
Tgt Ion: 64 Resp: 279
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#8
Dichlorotetrafluoroethane
Concen: 0.014 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 85 Resp: 1891
Ion Ratio Lower Upper
85 100
135 145.8 51.4 77.2#

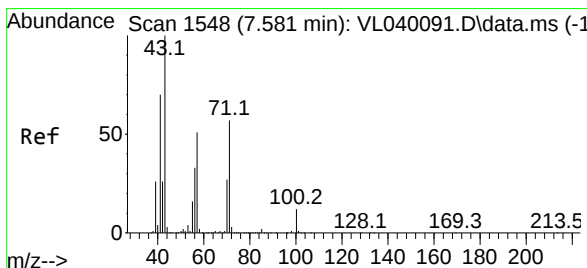
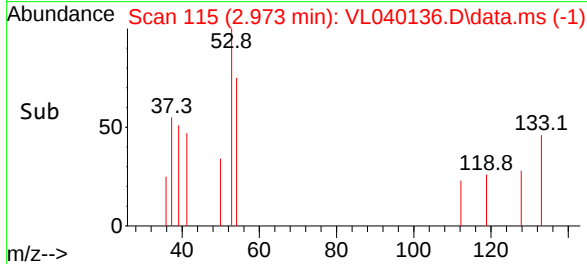
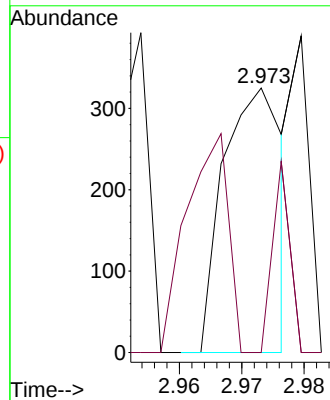
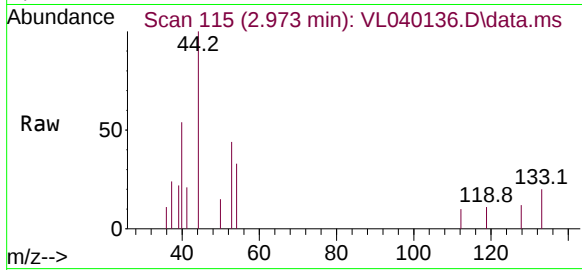




#9
 Propene
 Concen: 0.005 ppbv
 RT: 2.973 min Scan# 11
 Delta R.T. 0.299 min
 Lab File: VL040136.D
 Acq: 30 Jan 2023 17:08

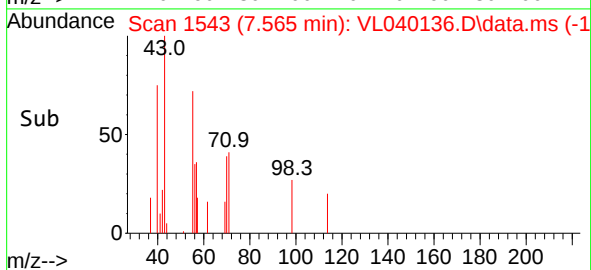
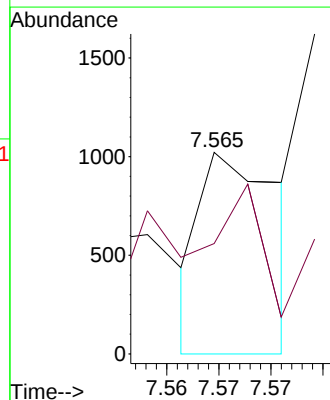
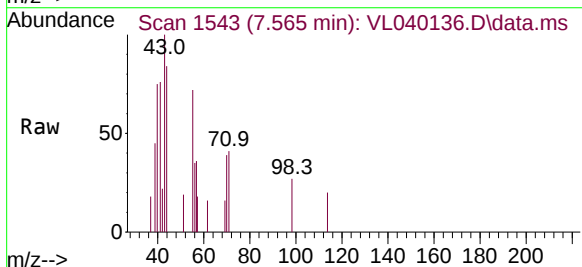
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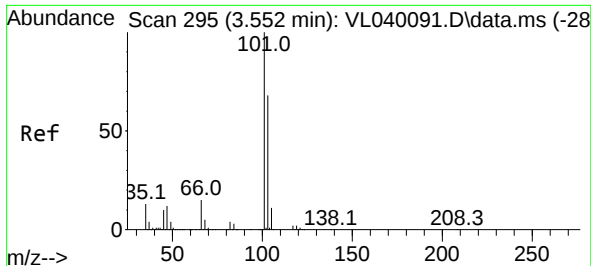
Tgt Ion: 41 Resp: 216
 Ion Ratio Lower Upper
 41 100
 42 78.7 55.6 83.4



#10
 Heptane
 Concen: 0.006 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. -0.003 min
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Tgt Ion: 43 Resp: 533
 Ion Ratio Lower Upper
 43 100
 57 173.7 40.9 61.3#

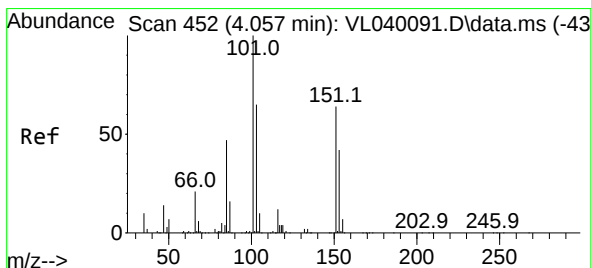
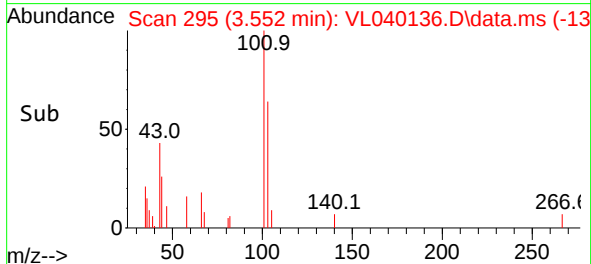
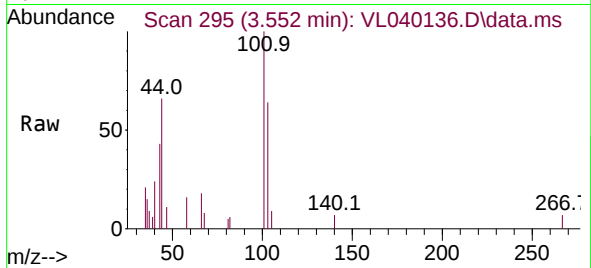




#11
 Trichlorofluoromethane
 Concen: 0.013 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. 0.006 min
 Lab File: VL040136.D
 Acq: 30 Jan 2023 17:08

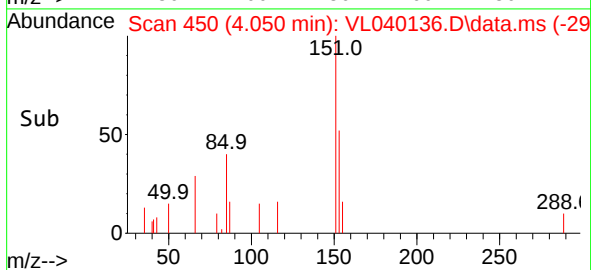
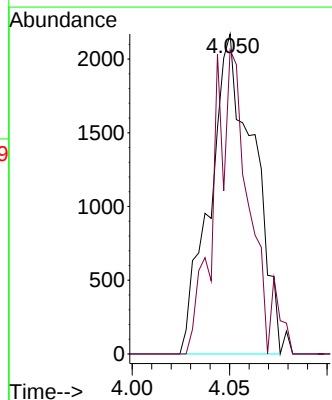
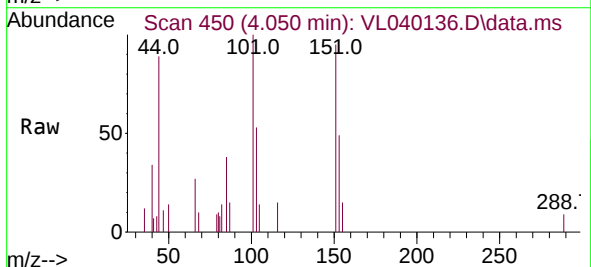
Instrument :
 MSVOA_L
 ClientSampleId :

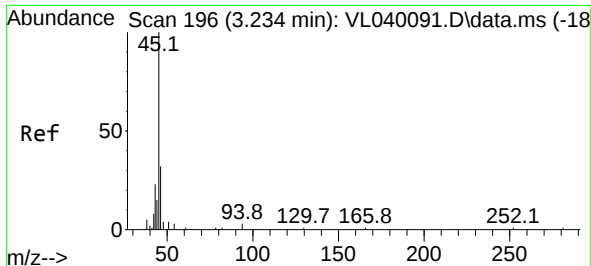
Tgt Ion:101 Resp: 1848
 Ion Ratio Lower Upper
 101 100
 103 57.5 54.0 81.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.031 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. 0.003 min
 Lab File: VL040136.D
 Acq: 30 Jan 2023 17:08

Tgt Ion:101 Resp: 3377
 Ion Ratio Lower Upper
 101 100
 151 78.6 53.2 79.8

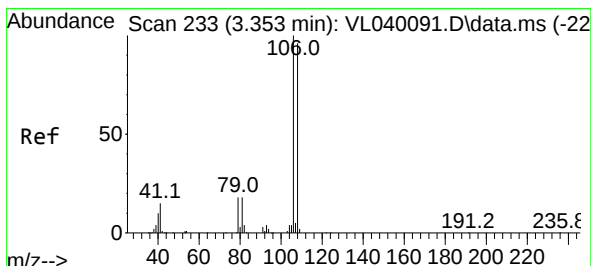
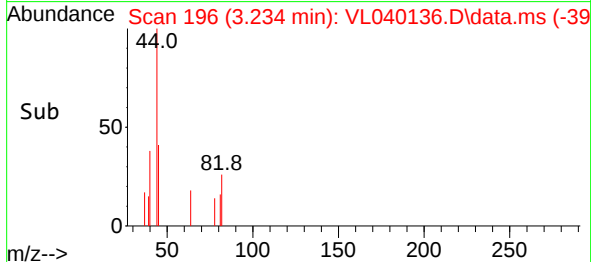
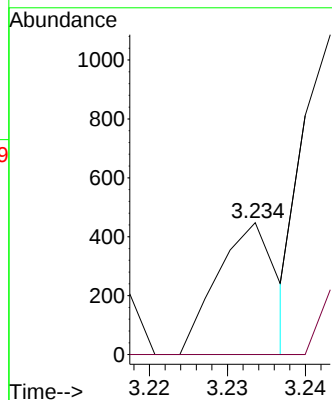
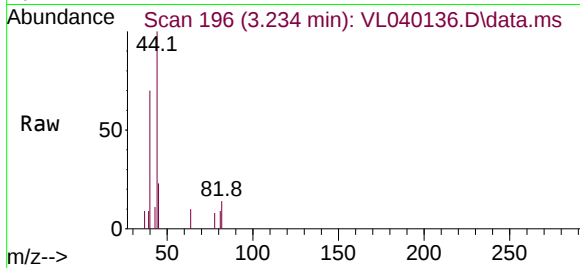




#13
Ethanol
Concen: 0.063 ppbv
RT: 3.234 min Scan# 196
Delta R.T. 0.006 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

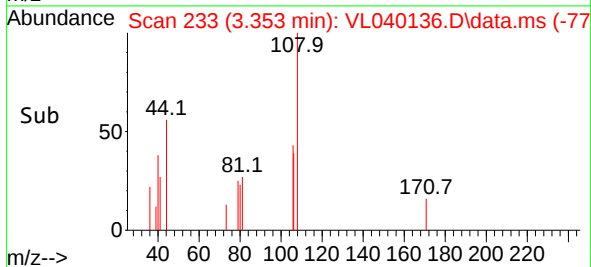
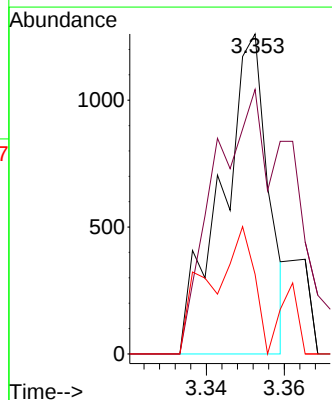
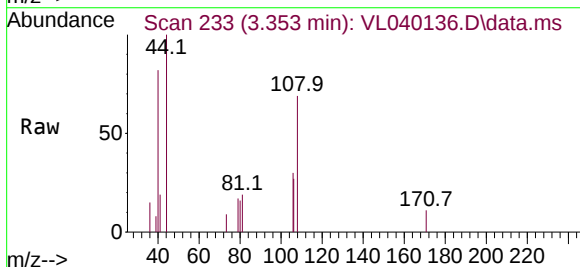
Instrument :
MSVOA_L
ClientSampleId :

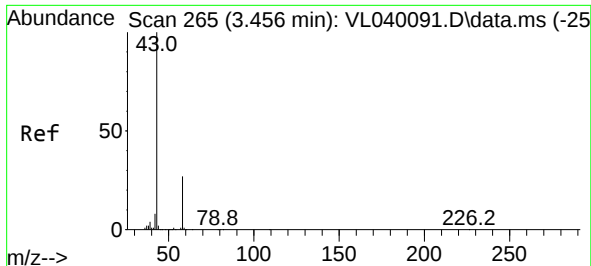
Tgt Ion: 45 Resp: 238
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.2#



#14
Bromoethene
Concen: 0.026 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 108 Resp: 1048
Ion Ratio Lower Upper
108 100
106 141.0 87.0 130.6#
79 45.7 16.1 24.1#





#15

Acetone

Concen: 0.146 ppbv

RT: 3.478 min Scan# 21

Delta R.T. 0.029 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

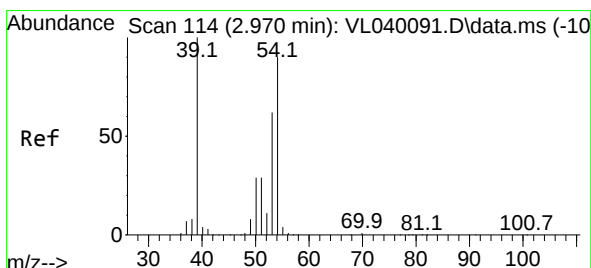
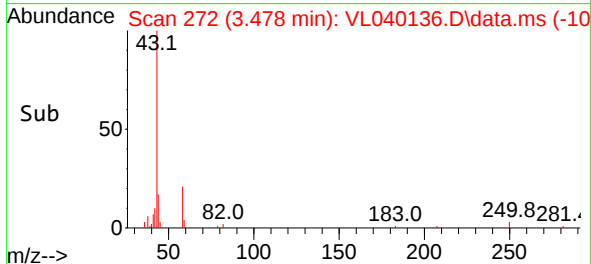
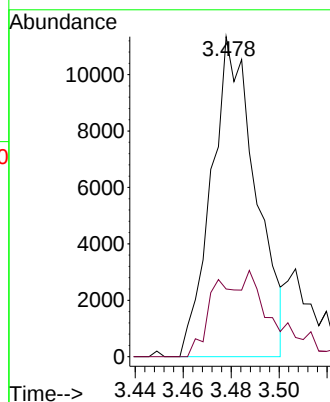
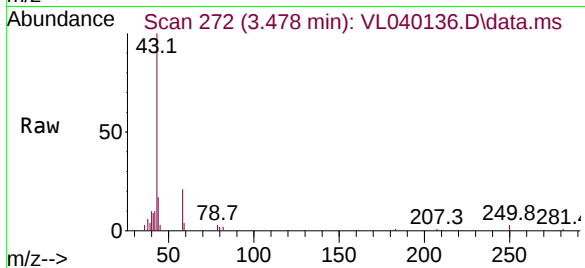
ClientSampleId :

Tgt Ion: 43 Resp: 14554

Ion Ratio Lower Upper

43 100

58 38.1 21.8 32.8#



#16

1,3-Butadiene

Concen: 0.018 ppbv

RT: 2.963 min Scan# 112

Delta R.T. -0.003 min

Lab File: VL040136.D

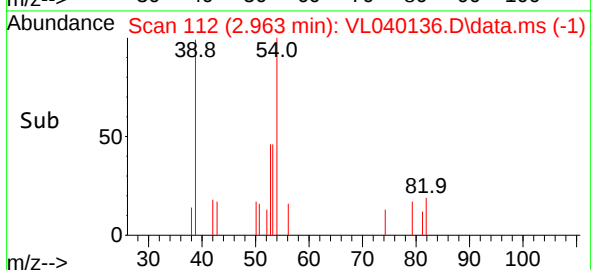
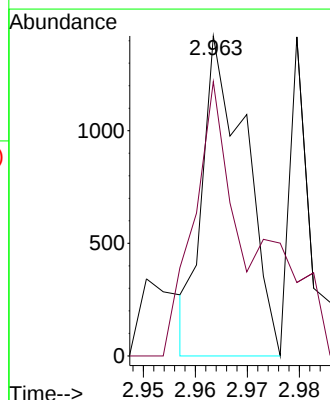
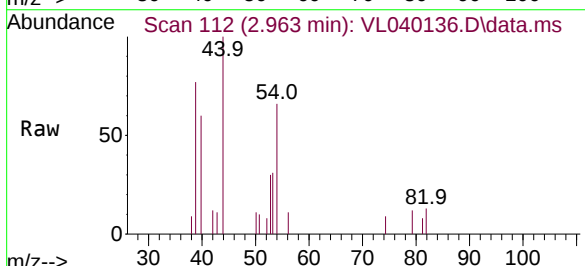
Acq: 30 Jan 2023 17:08

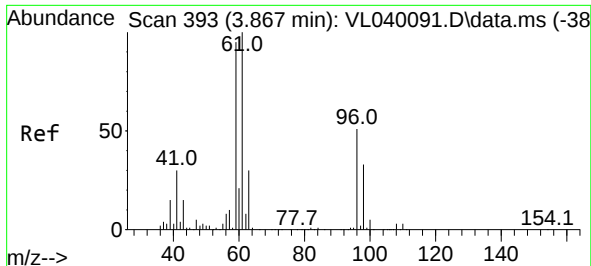
Tgt Ion: 39 Resp: 815

Ion Ratio Lower Upper

39 100

54 129.6 67.9 101.9#

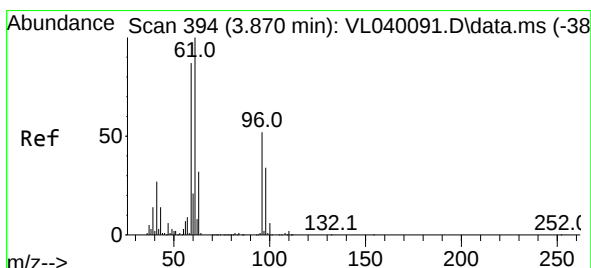
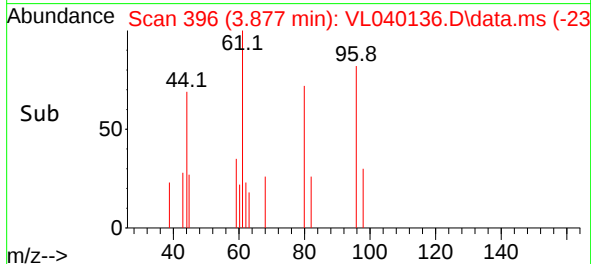
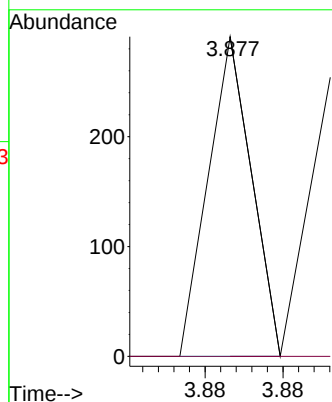
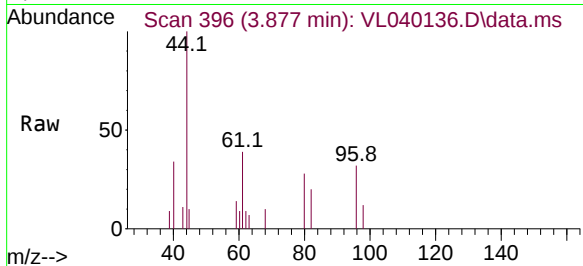




#17
tert-Butyl alcohol
Concen: 0.001 ppbv
RT: 3.877 min Scan# 393
Delta R.T. 0.016 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

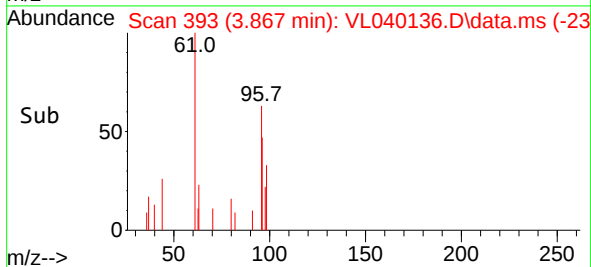
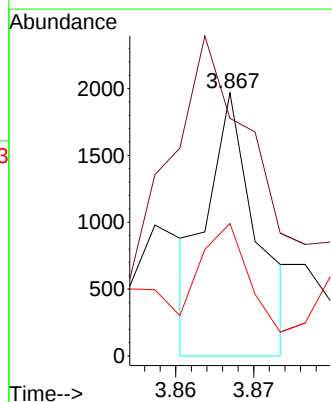
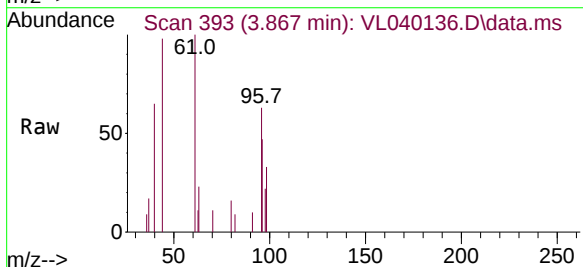
Instrument :
MSVOA_L
ClientSampleId :

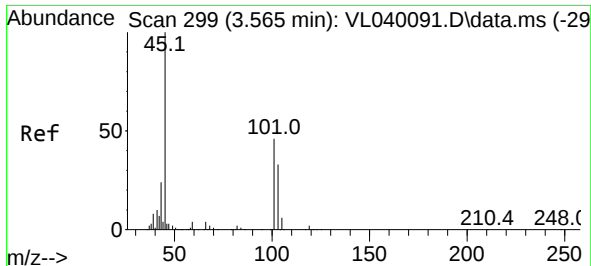
Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#18
1,1-Dichloroethene
Concen: 0.018 ppbv
RT: 3.867 min Scan# 393
Delta R.T. 0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 96 Resp: 855
Ion Ratio Lower Upper
96 100
61 66.9 153.0 229.4#
98 63.3 52.7 79.1





#19

Isopropyl Alcohol

Concen: 0.002 ppbv

RT: 3.536 min Scan# 299

Delta R.T. -0.023 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

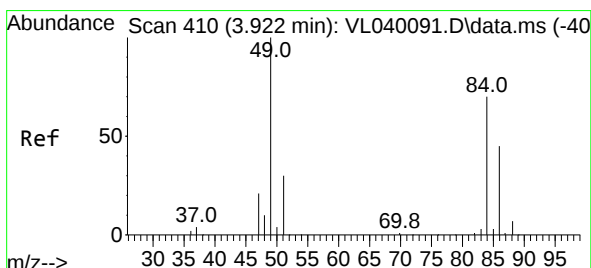
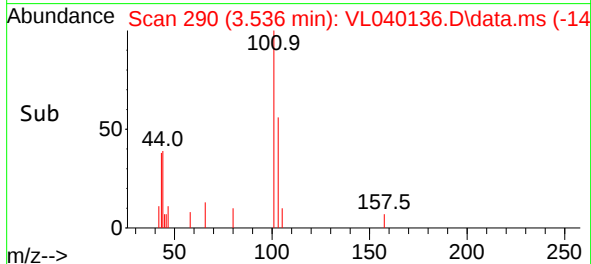
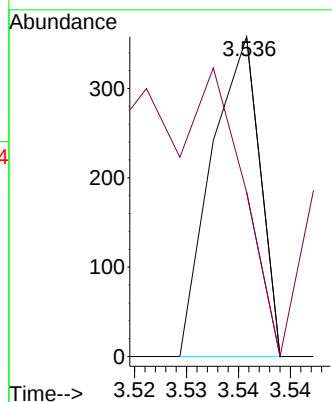
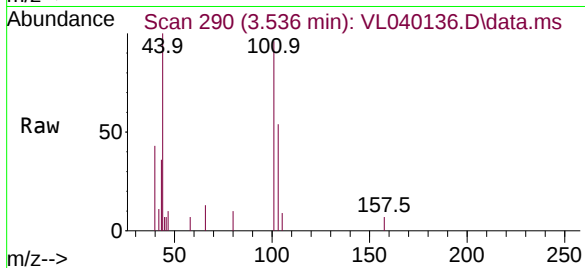
ClientSampleId :

Tgt Ion: 45 Resp: 116

Ion Ratio Lower Upper

45 100

58 217.2 2.6 4.0#



#20

Methylene Chloride

Concen: 0.082 ppbv

RT: 3.918 min Scan# 409

Delta R.T. 0.003 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Tgt Ion: 84 Resp: 3604

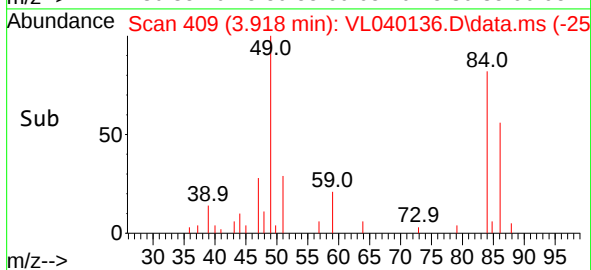
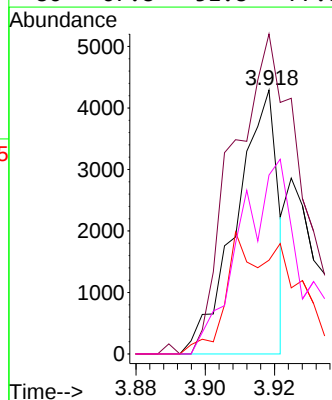
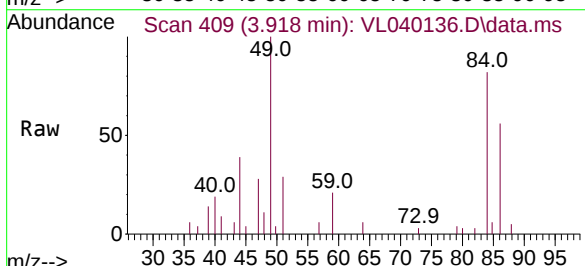
Ion Ratio Lower Upper

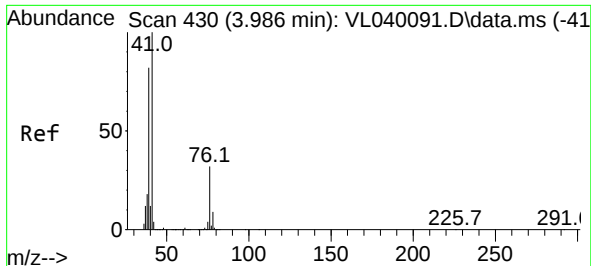
84 100

49 126.6 114.6 171.8

51 35.5 34.3 51.5

86 67.8 51.8 77.8





#21

Allyl Chloride

Concen: 0.026 ppbv

RT: 3.983 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

ClientSampleId :

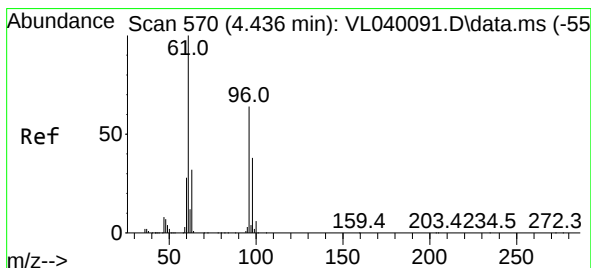
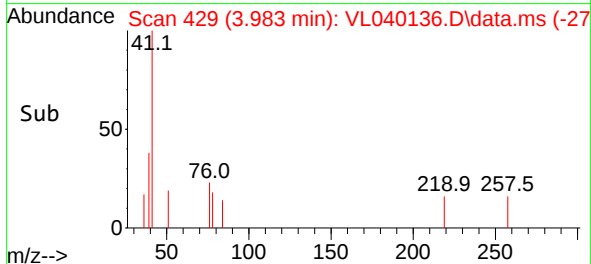
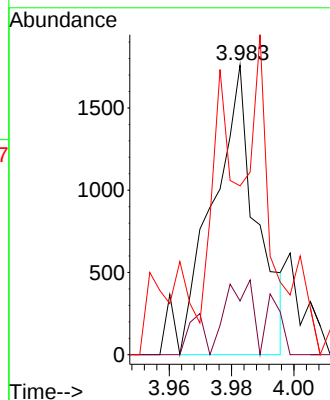
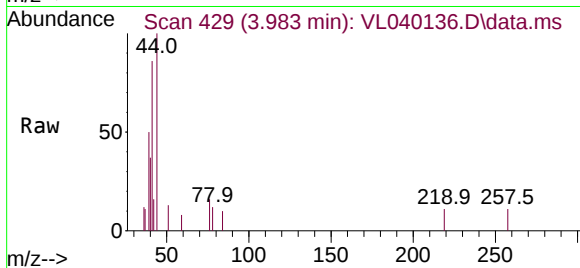
Tgt Ion: 41 Resp: 1686

Ion Ratio Lower Upper

41 100

76 28.2 25.9 38.9

39 150.2 66.8 100.2#



#22

trans-1,2-Dichloroethene

Concen: 0.020 ppbv

RT: 4.433 min Scan# 569

Delta R.T. 0.003 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

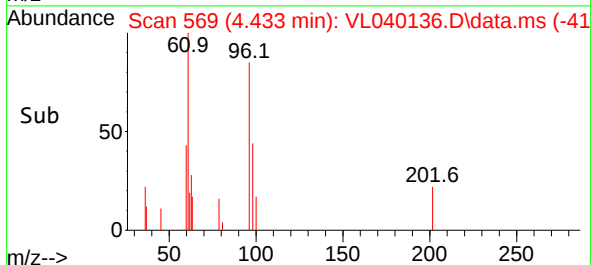
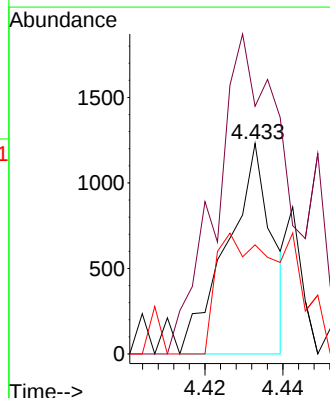
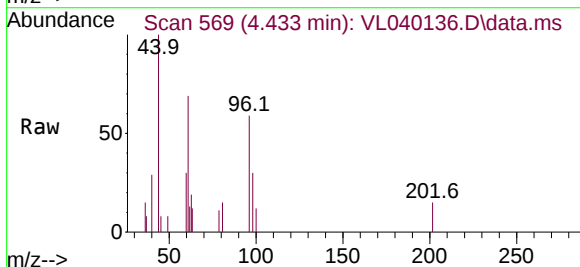
Tgt Ion: 96 Resp: 981

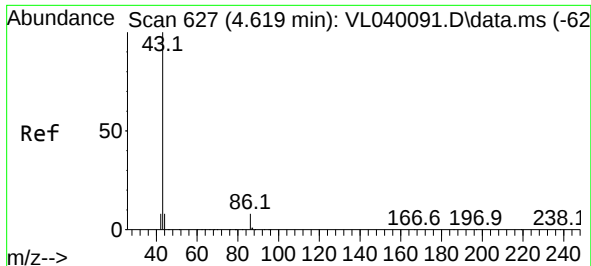
Ion Ratio Lower Upper

96 100

61 119.3 125.8 188.8#

98 51.8 47.4 71.2

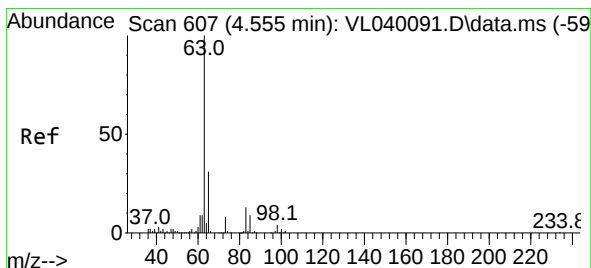
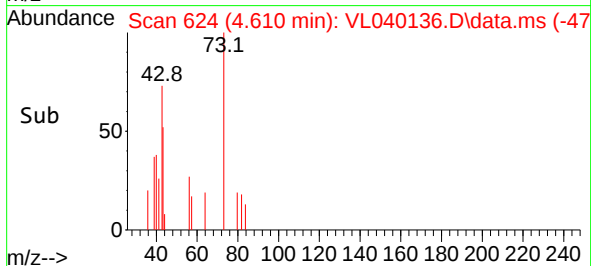
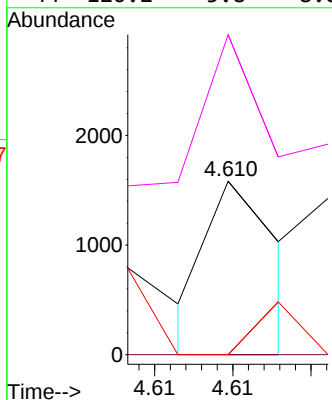
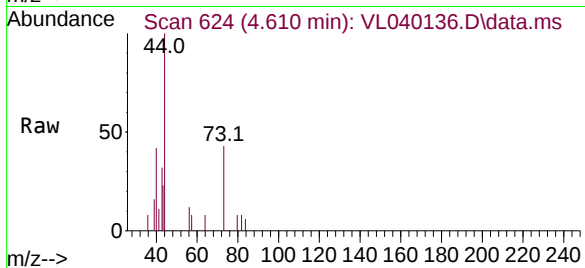




#23
 Vinyl Acetate
 Concen: 0.016 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL040136.D
 Acq: 30 Jan 2023 17:08

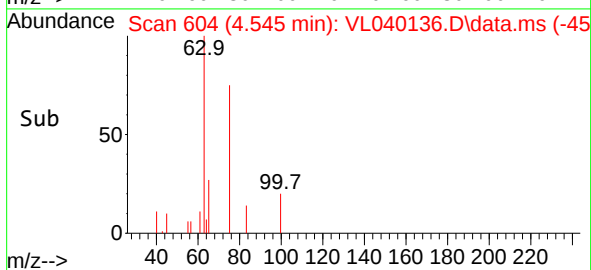
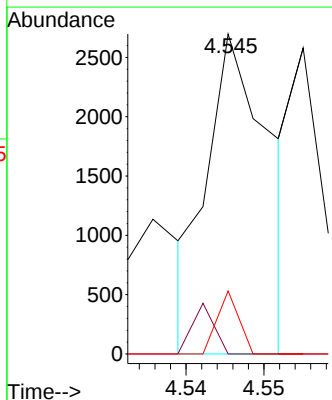
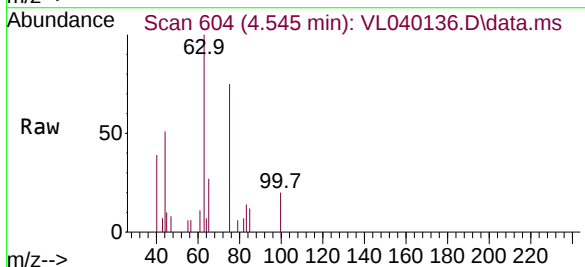
Instrument :
 MSVOA_L
 ClientSampleId :

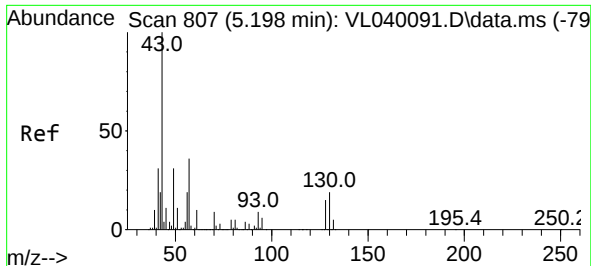
Tgt Ion:	43	Resp:	503
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.6	8.4#
42	82.1	7.7	11.5#
44	120.2	5.8	8.8#



#24
 1,1-Dichloroethane
 Concen: 0.015 ppbv
 RT: 4.545 min Scan# 604
 Delta R.T. -0.003 min
 Lab File: VL040136.D
 Acq: 30 Jan 2023 17:08

Tgt Ion:	63	Resp:	1494
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.0	5.8#
100	30.4	1.1	3.5#

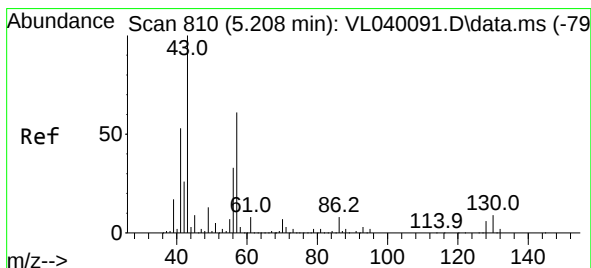
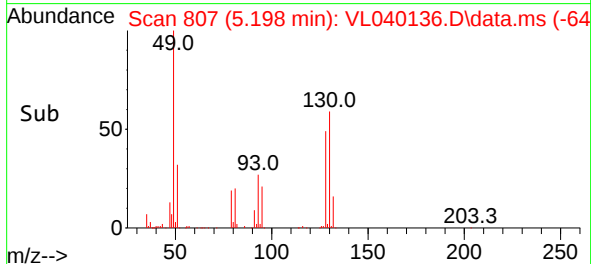
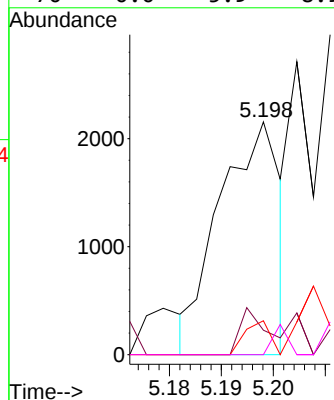
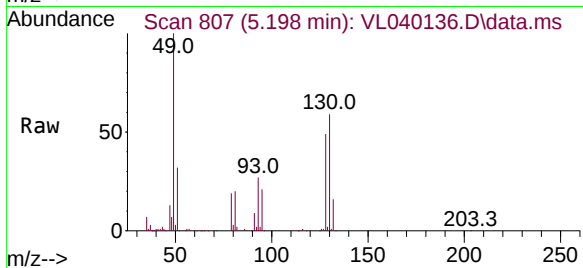




#25
Ethyl Acetate
Concen: 0.010 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.010 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

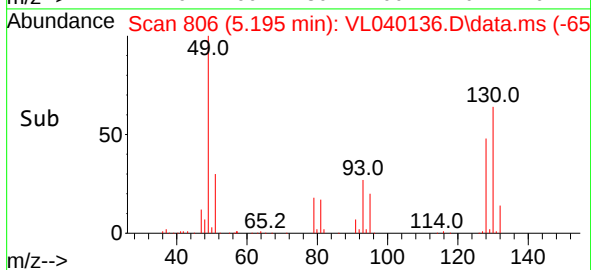
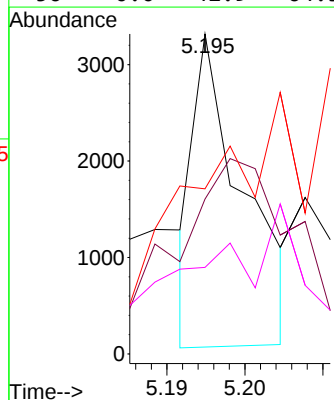
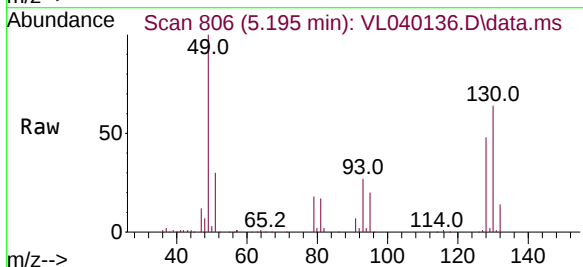
Instrument :
MSVOA_L
ClientSampleId :

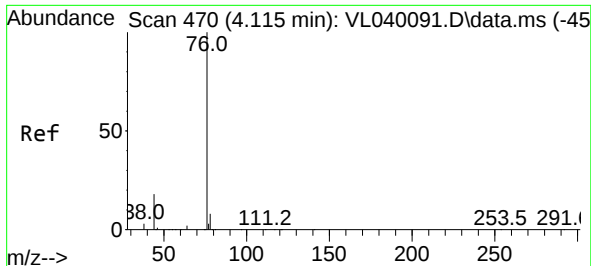
Tgt Ion: 43	Resp: 1745
Ion Ratio	Lower Upper
43 100	
45 0.0	8.5 12.7#
61 0.0	8.4 12.6#
70 0.0	5.9 8.9#



#26
Hexane
Concen: 0.019 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 57	Resp: 1437
Ion Ratio	Lower Upper
57 100	
41 211.1	72.2 108.4#
43 0.0	192.1 288.1#
56 0.0	42.9 64.3#

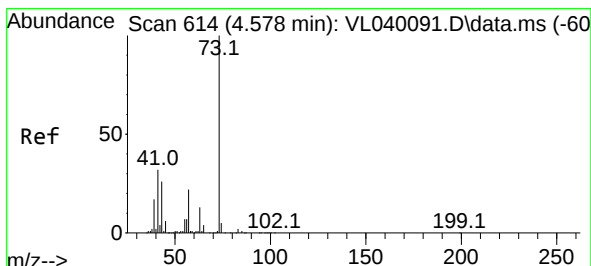
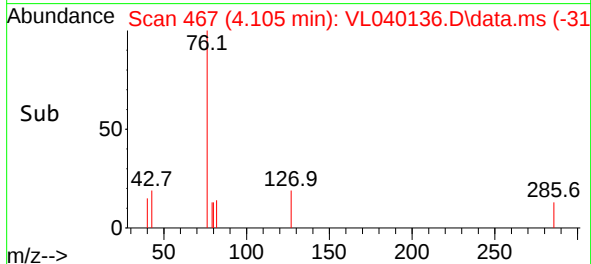
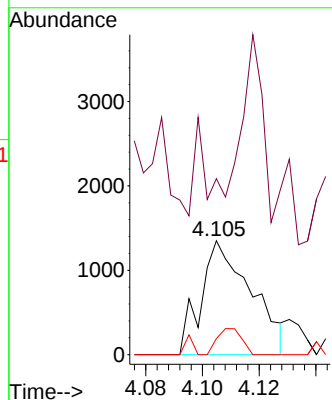
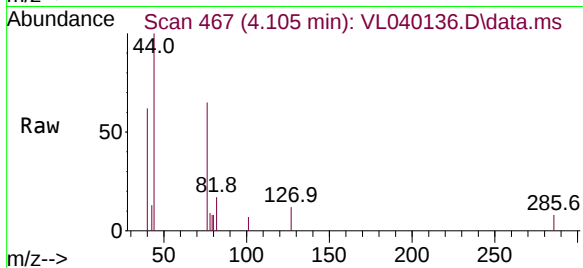




#27
Carbon Disulfide
Concen: 0.017 ppbv
RT: 4.105 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

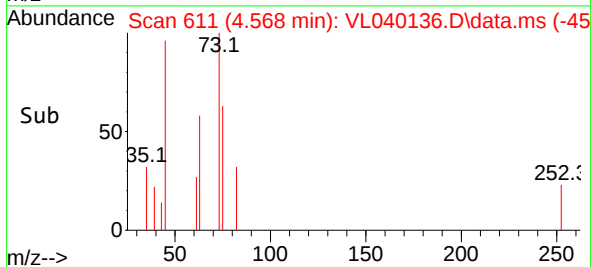
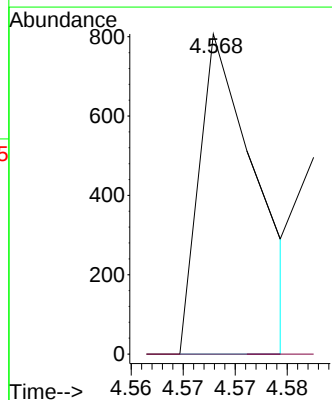
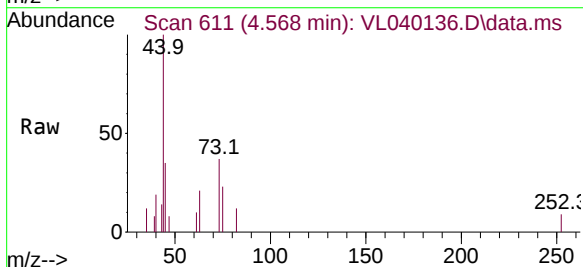
Instrument :
MSVOA_L
ClientSampleId :

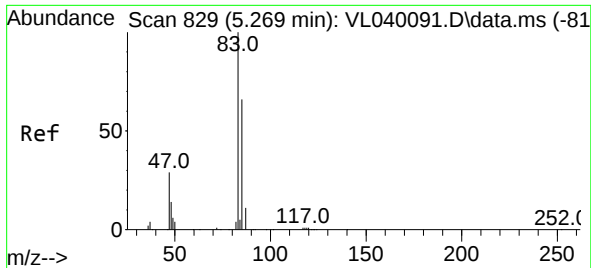
Tgt Ion: 76 Resp: 1653
Ion Ratio Lower Upper
76 100
44 0.0 14.9 22.3#
78 14.0 8.2 12.2#



#28
Methyl tert-Butyl Ether
Concen: 0.004 ppbv
RT: 4.568 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 73 Resp: 310
Ion Ratio Lower Upper
73 100
57 0.0 18.3 27.5#





#29

Chloroform

Concen: 0.014 ppbv

RT: 5.266 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

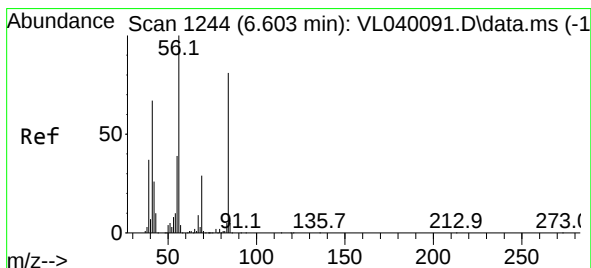
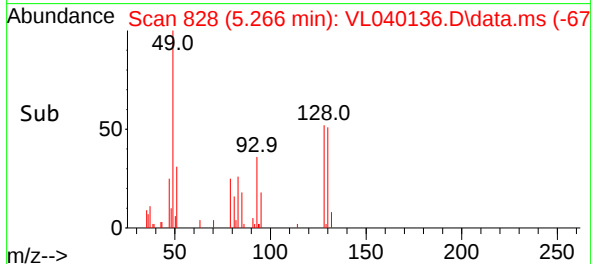
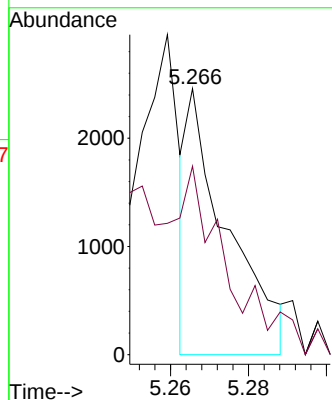
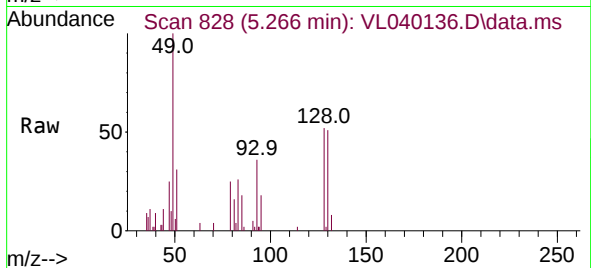
ClientSampleId :

Tgt Ion: 83 Resp: 1758

Ion Ratio Lower Upper

83 100

85 67.6 53.1 79.7



#30

Cyclohexane

Concen: 0.004 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

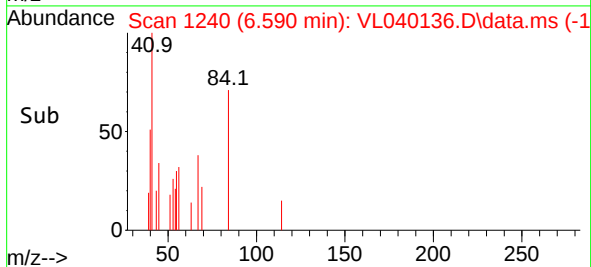
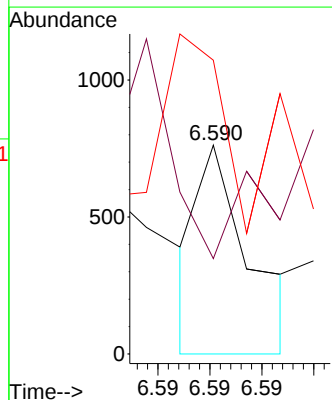
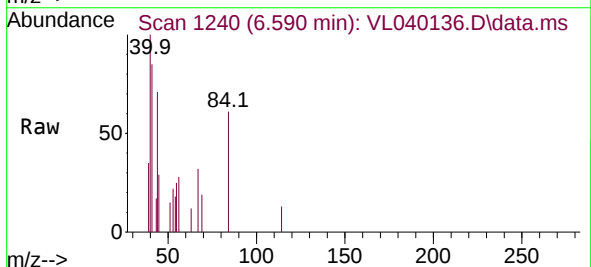
Tgt Ion: 84 Resp: 263

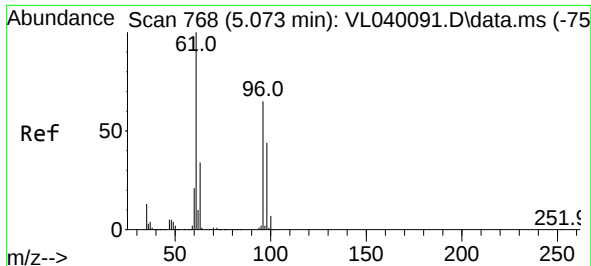
Ion Ratio Lower Upper

84 100

56 0.0 111.5 167.3#

41 742.2 71.4 107.0#





#31

cis-1,2-Dichloroethene

Concen: 0.027 ppbv

RT: 5.063 min Scan# 765

Delta R.T. -0.000 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

ClientSampleId :

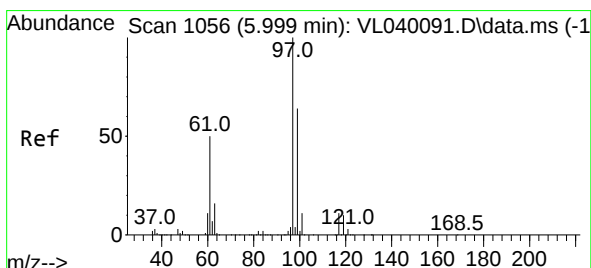
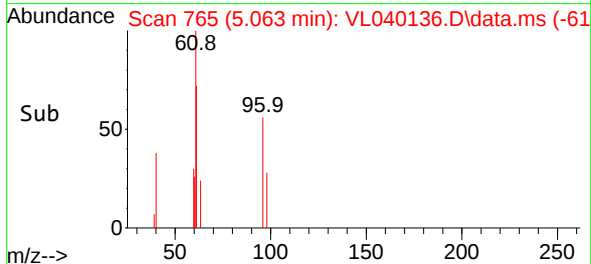
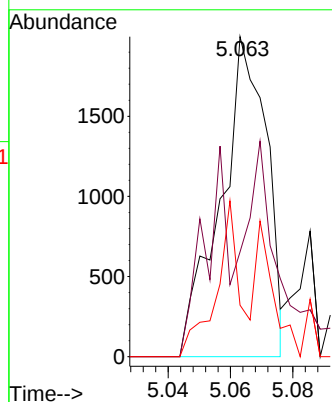
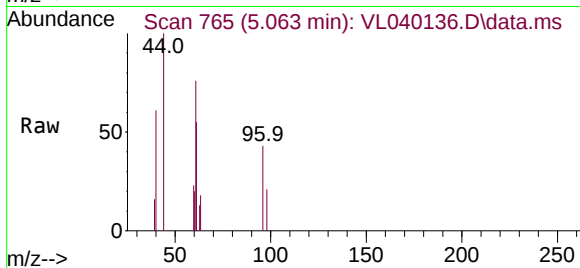
Tgt Ion: 61 Resp: 2040

Ion Ratio Lower Upper

61 100

96 32.7 52.0 78.0#

98 16.1 35.3 52.9#



#32

1,1,1-Trichloroethane

Concen: 0.005 ppbv

RT: 5.992 min Scan# 1054

Delta R.T. 0.003 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

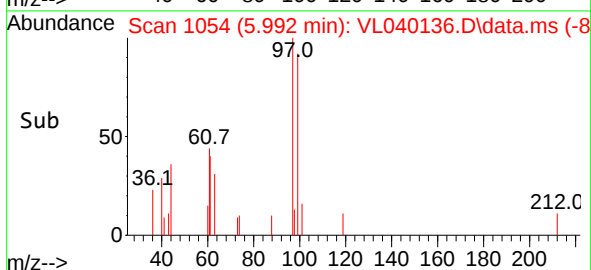
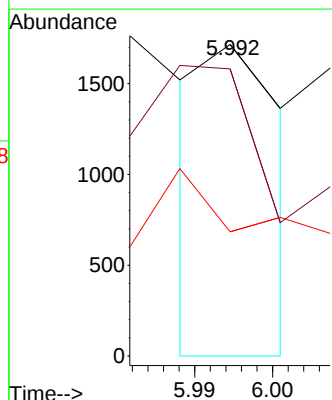
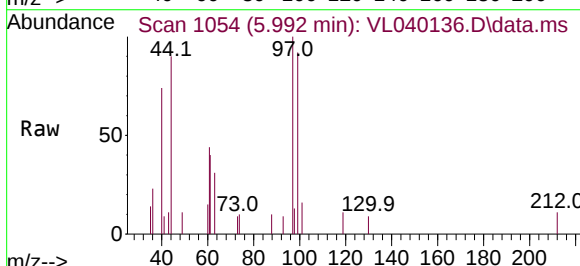
Tgt Ion: 97 Resp: 594

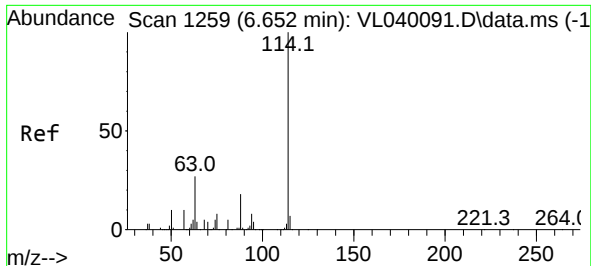
Ion Ratio Lower Upper

97 100

99 388.2 51.8 77.6#

61 345.6 40.4 60.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

ClientSampleId :

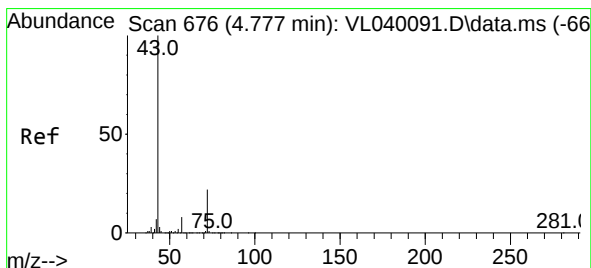
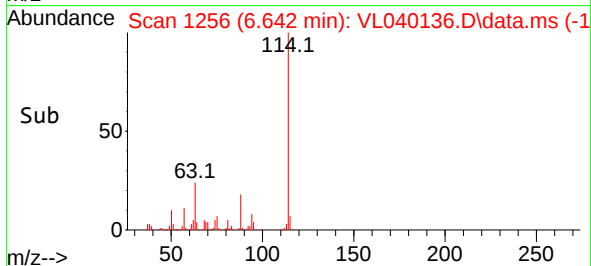
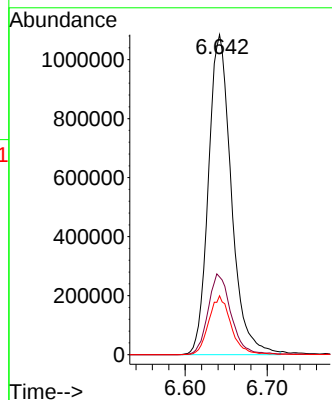
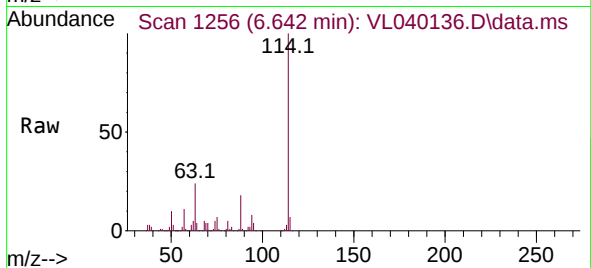
Tgt Ion:114 Resp: 2104655

Ion Ratio Lower Upper

114 100

63 25.7 21.8 32.8

88 18.0 14.8 22.2



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.003 min

Lab File: VL040136.D

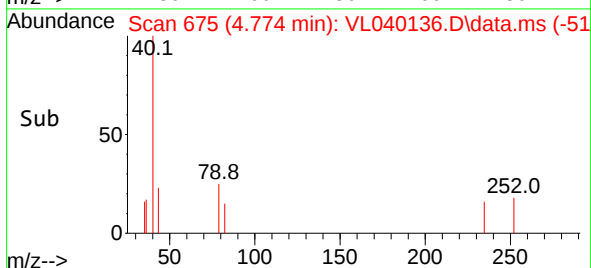
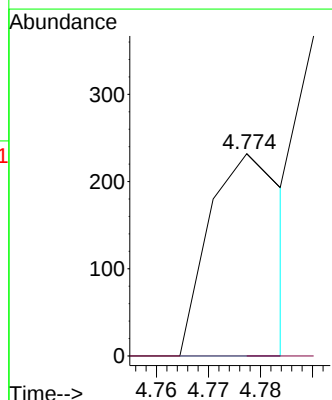
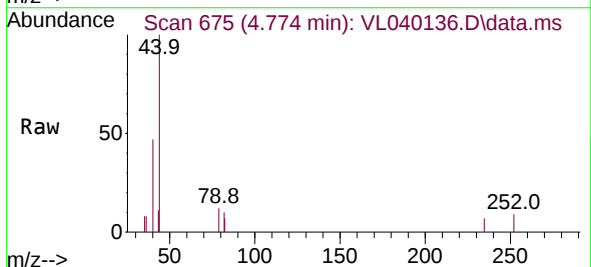
Acq: 30 Jan 2023 17:08

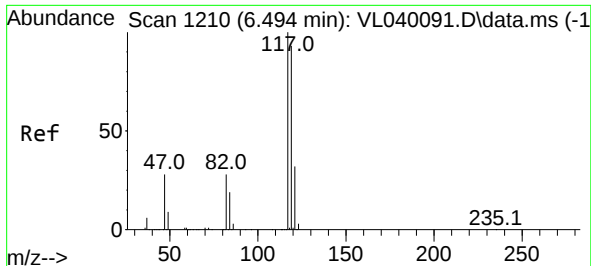
Tgt Ion: 43 Resp: 117

Ion Ratio Lower Upper

43 100

72 0.0 18.4 27.6#

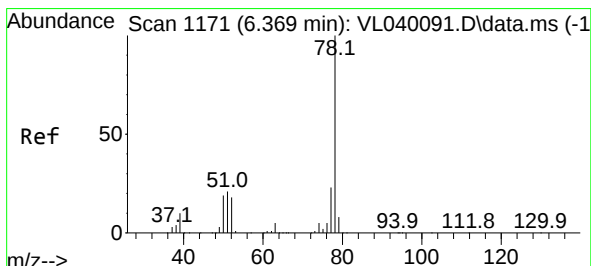
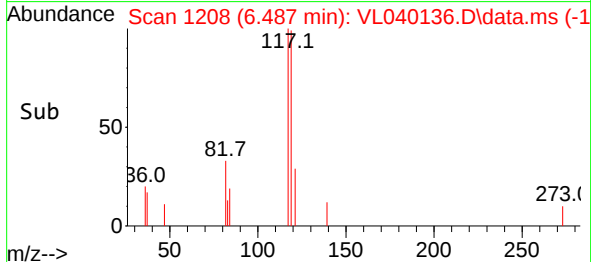
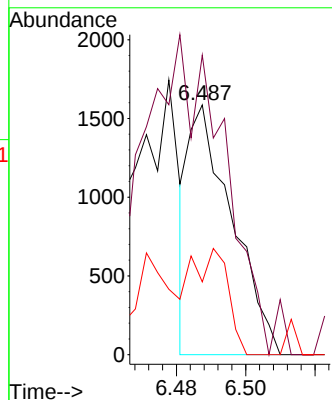
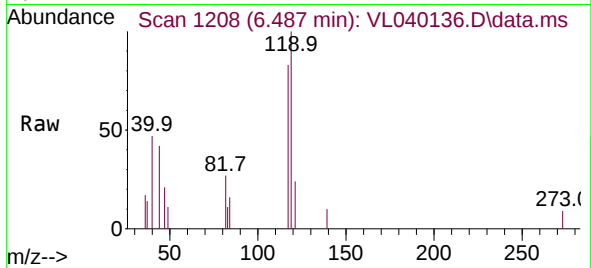




#35
Carbon Tetrachloride
Concen: 0.012 ppbv
RT: 6.487 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

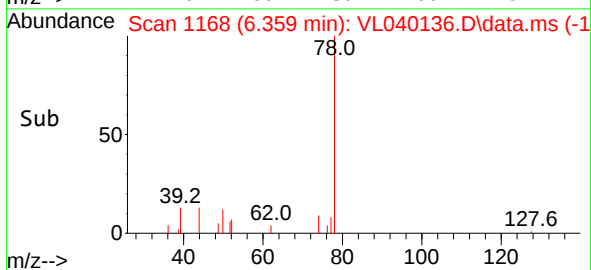
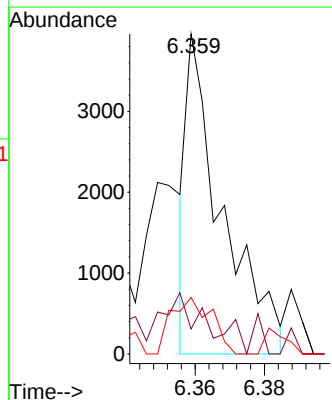
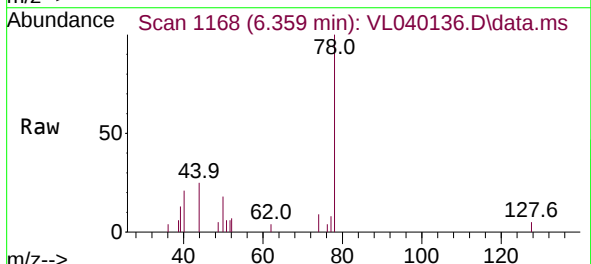
Instrument :
MSVOA_L
ClientSampleId :

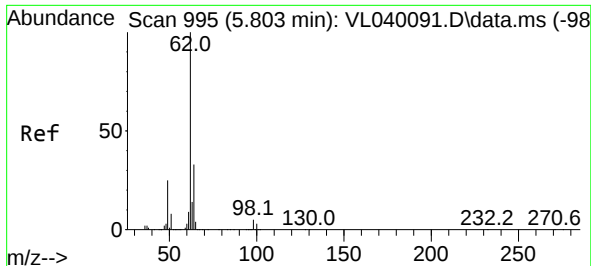
Tgt Ion:117 Resp: 1391
Ion Ratio Lower Upper
117 100
119 97.9 74.5 111.7
121 29.1 25.4 38.0



#36
Benzene
Concen: 0.018 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 78 Resp: 2818
Ion Ratio Lower Upper
78 100
77 9.1 18.1 27.1#
50 21.2 15.6 23.4

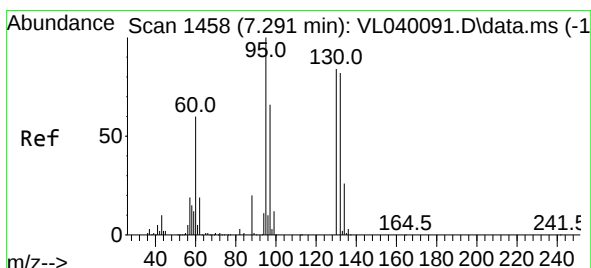
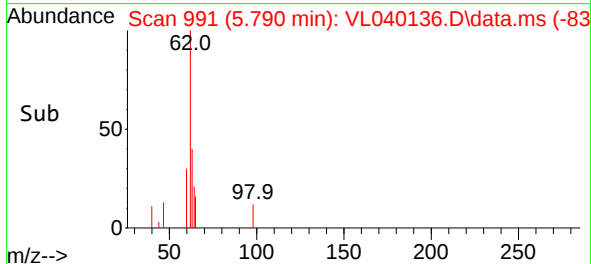
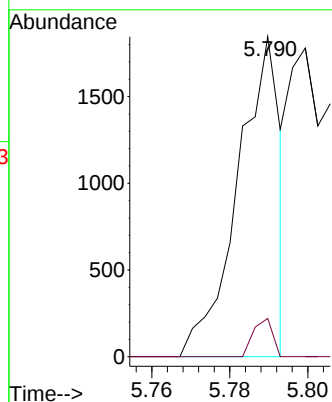
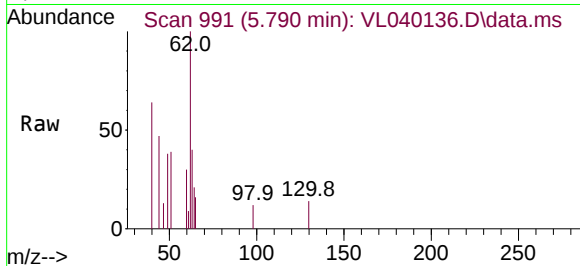




#37
1,2-Dichloroethane
Concen: 0.014 ppbv
RT: 5.790 min Scan# 991
Delta R.T. -0.000 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

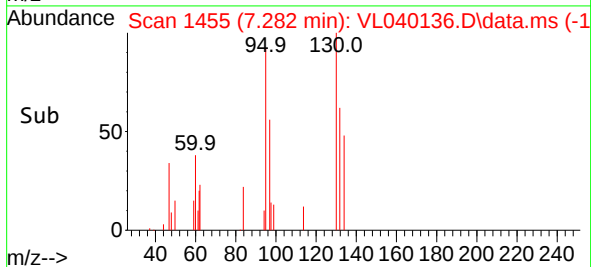
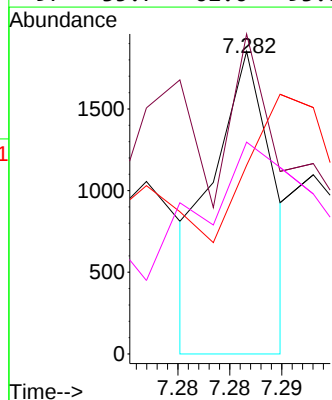
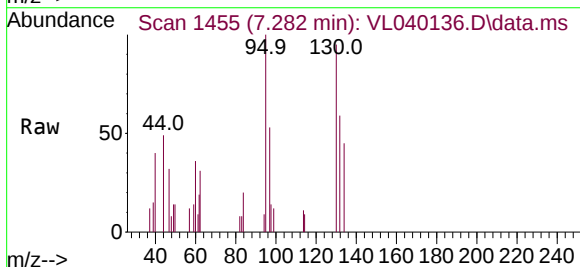
Instrument :
MSVOA_L
ClientSampleId :

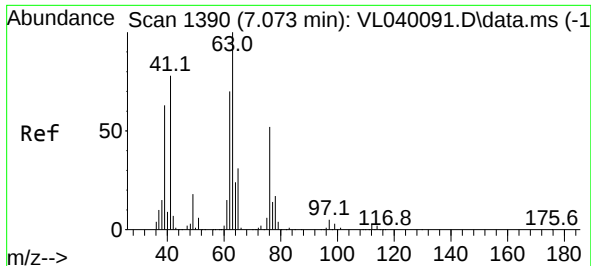
Tgt Ion: 62 Resp: 1400
Ion Ratio Lower Upper
62 100
98 5.4 4.4 6.6



#38
Trichloroethene
Concen: 0.008 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion:130 Resp: 739
Ion Ratio Lower Upper
130 100
95 53.7 95.0 142.6#
132 27.3 77.9 116.9#
97 35.7 62.6 93.8#





#39

1,2-Dichloropropane

Concen: 8.687 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

ClientSampleId :

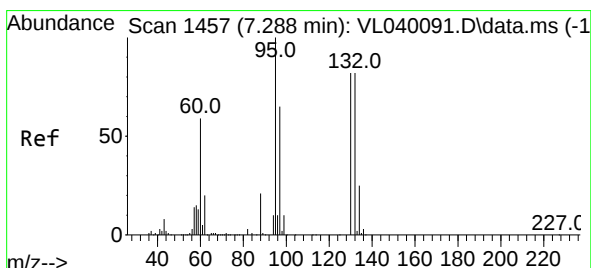
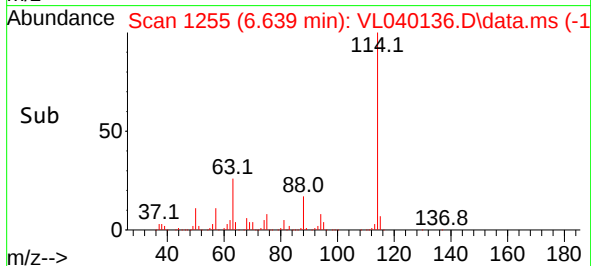
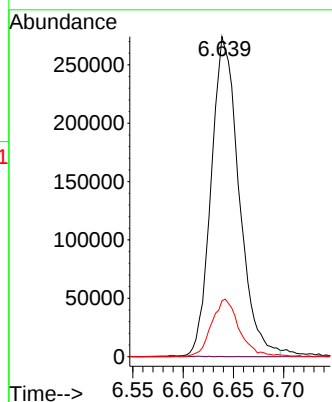
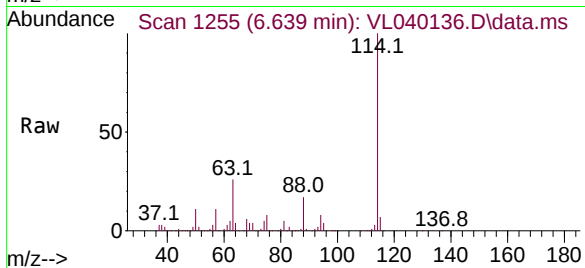
Tgt Ion: 63 Resp: 529235

Ion Ratio Lower Upper

63 100

41 0.1 62.2 93.4#

62 17.4 55.8 83.8#



#40

1,4-Dioxane

Concen: 0.005 ppbv

RT: 7.339 min Scan# 1473

Delta R.T. 0.064 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Tgt Ion: 88 Resp: 124

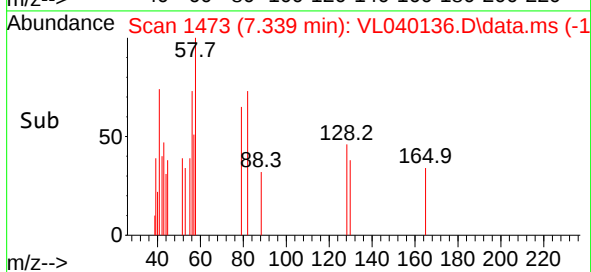
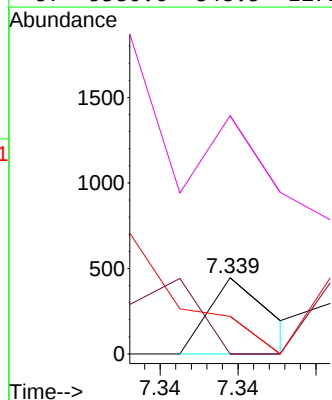
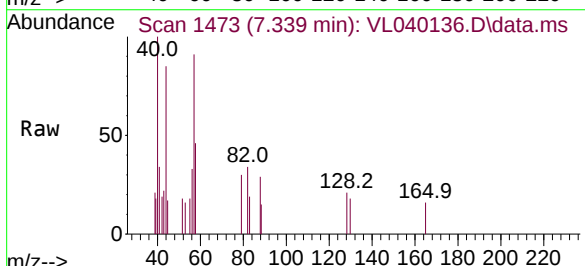
Ion Ratio Lower Upper

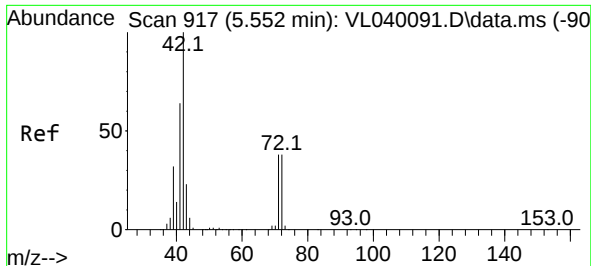
88 100

58 300.8 97.5 146.3#

43 1242.7 195.0 292.4#

57 5380.6 848.5 1272.7#





#41

Tetrahydrofuran

Concen: 0.003 ppbv

RT: 5.571 min Scan# 91

Delta R.T. 0.029 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

ClientSampleId :

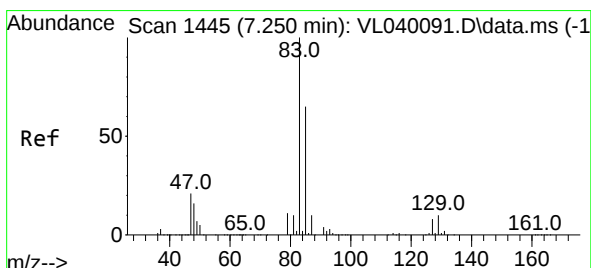
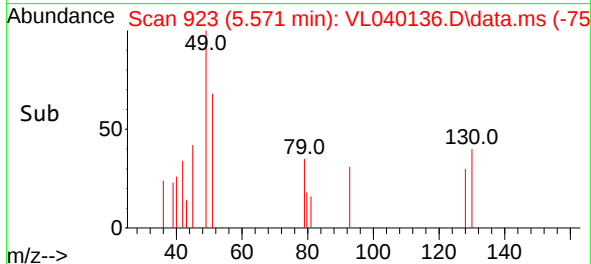
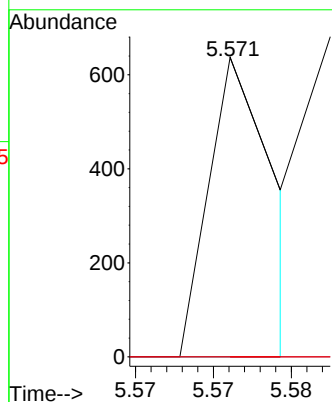
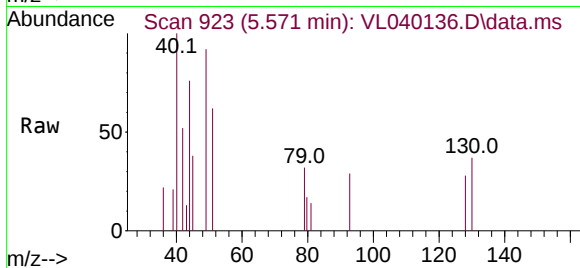
Tgt Ion: 42 Resp: 191

Ion Ratio Lower Upper

42 100

72 0.0 31.9 47.9#

71 0.0 31.4 47.2#



#42

Bromodichloromethane

Concen: 0.014 ppbv

RT: 7.233 min Scan# 1440

Delta R.T. -0.003 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

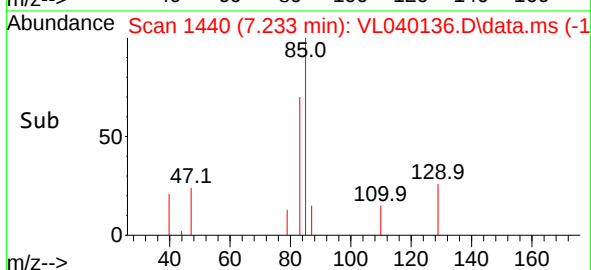
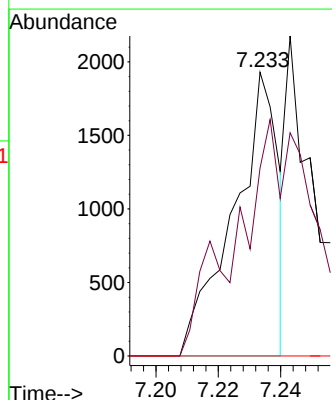
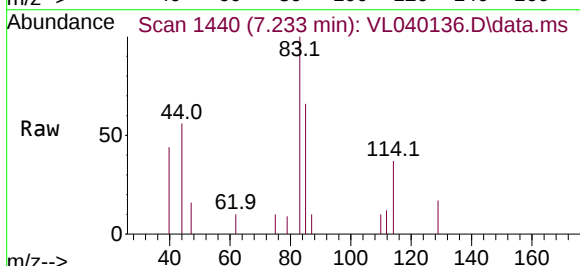
Tgt Ion: 83 Resp: 1908

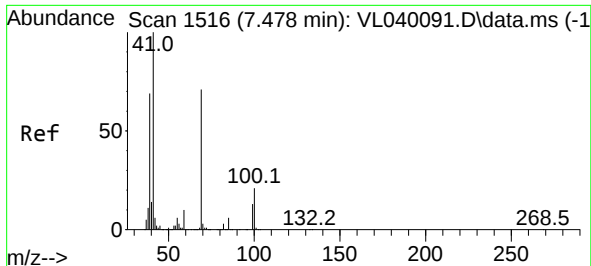
Ion Ratio Lower Upper

83 100

85 66.2 51.7 77.5

127 0.0 6.2 9.2#

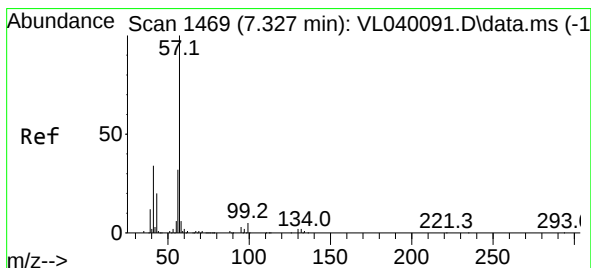
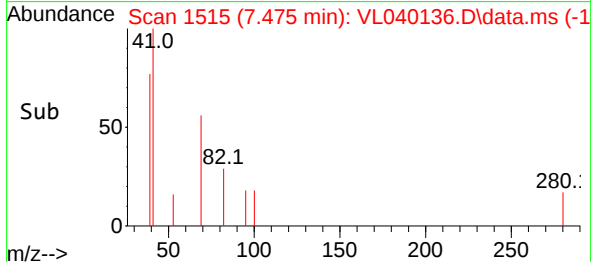
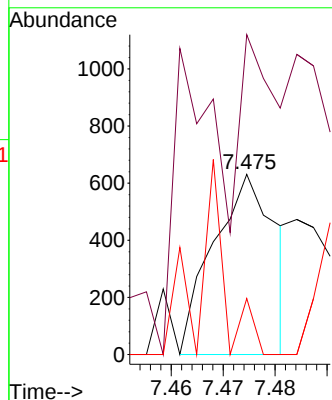
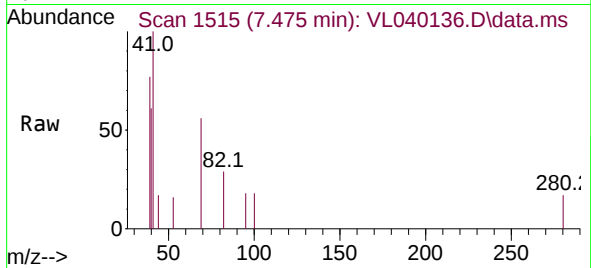




#43
Methyl Methacrylate
Concen: 0.009 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.010 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

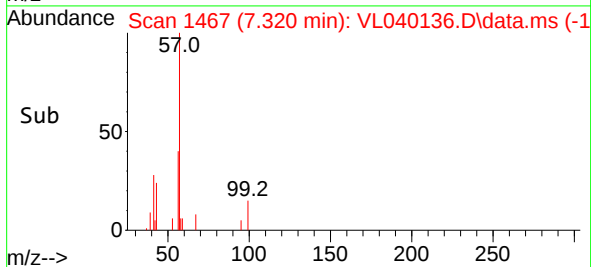
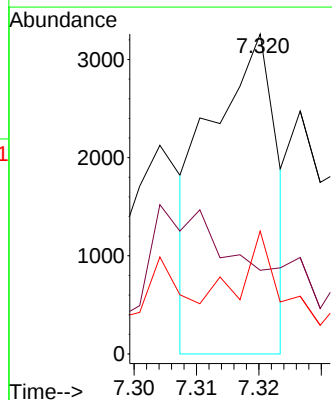
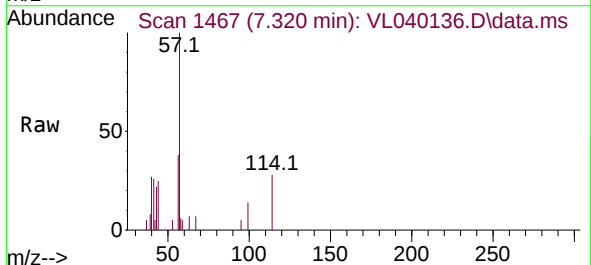
Instrument :
MSVOA_L
ClientSampleId :

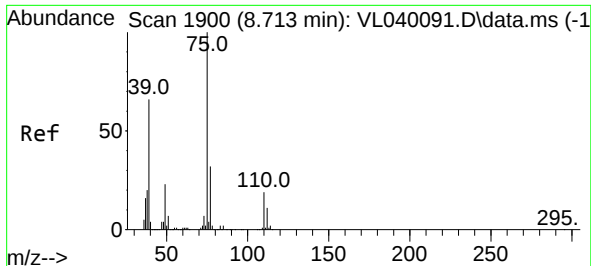
Tgt Ion: 69 Resp: 523
Ion Ratio Lower Upper
69 100
41 462.5 118.2 177.2#
100 95.0 24.2 36.4#



#44
2,2,4-Trimethylpentane
Concen: 0.009 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.006 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 57 Resp: 2436
Ion Ratio Lower Upper
57 100
41 0.0 27.1 40.7#
56 76.5 25.0 37.4#





#45

t-1,3-Dichloropropene

Concen: 0.003 ppbv

RT: 8.696 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

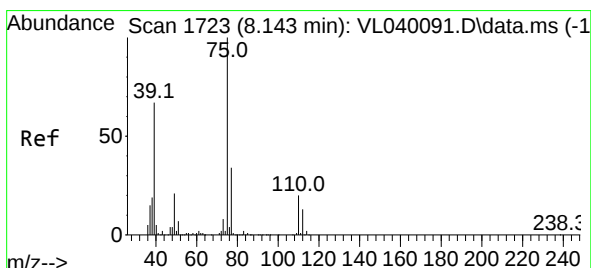
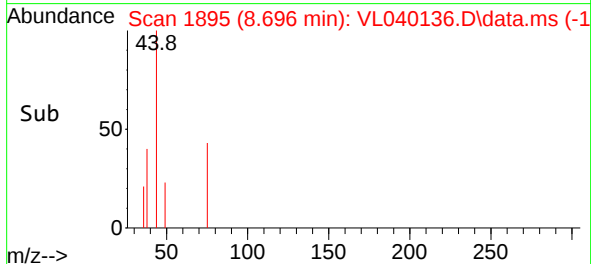
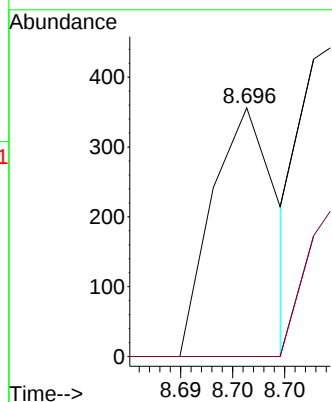
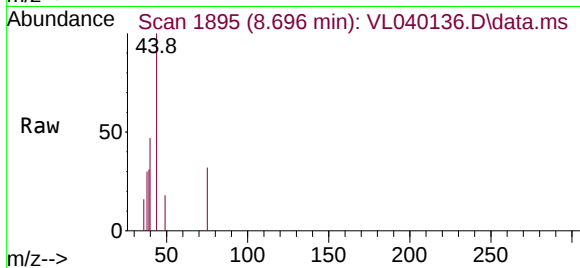
ClientSampleId :

Tgt Ion: 75 Resp: 157

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#



#46

cis-1,3-Dichloropropene

Concen: 0.009 ppbv

RT: 8.127 min Scan# 1718

Delta R.T. -0.003 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

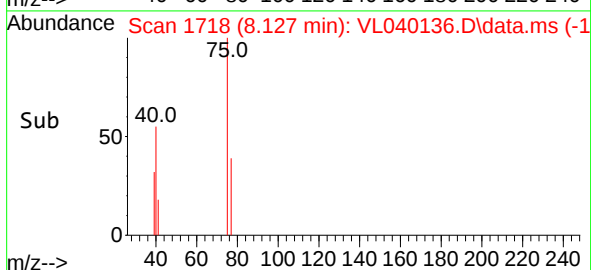
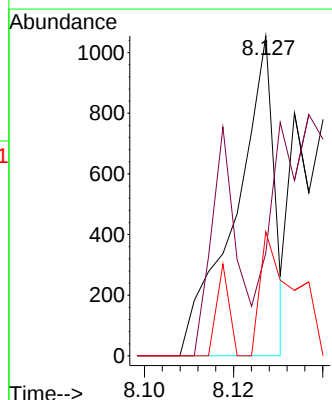
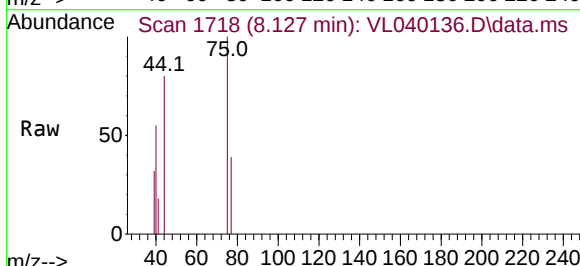
Tgt Ion: 75 Resp: 641

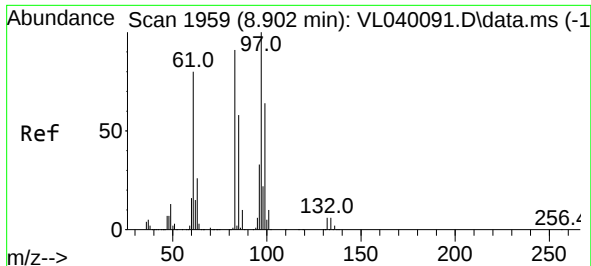
Ion Ratio Lower Upper

75 100

39 32.1 53.6 80.4#

77 38.8 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 0.006 ppbv

RT: 8.883 min Scan# 1953

Delta R.T. -0.003 min

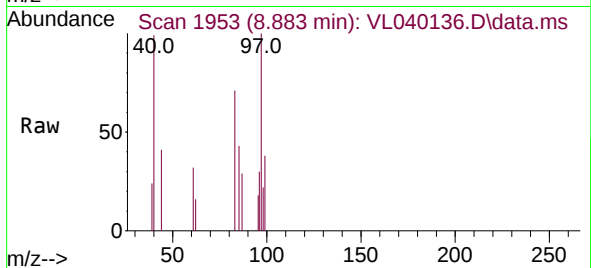
Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 414

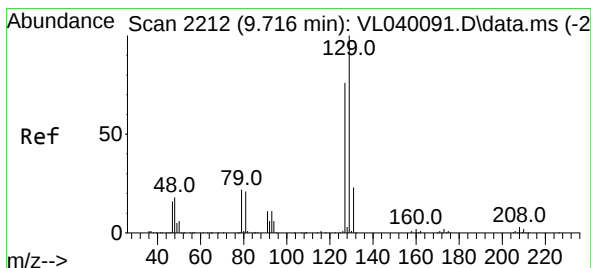
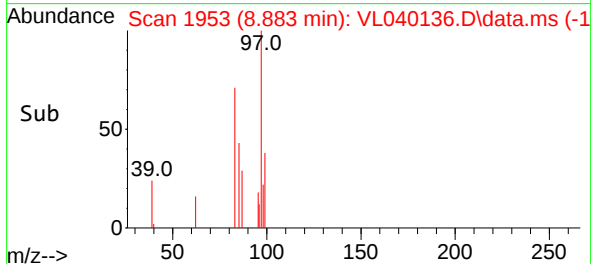
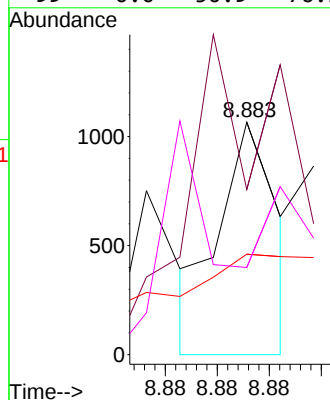
Ion Ratio Lower Upper

97 100

83 46.1 72.9 109.3#

85 28.9 46.0 69.0#

99 0.0 50.9 76.3#



#48

Dibromochloromethane

Concen: 0.006 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. -0.003 min

Lab File: VL040136.D

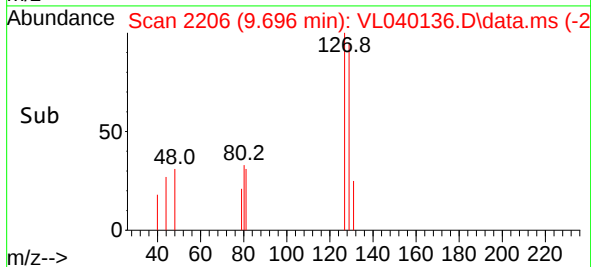
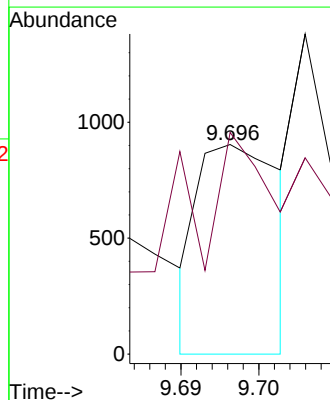
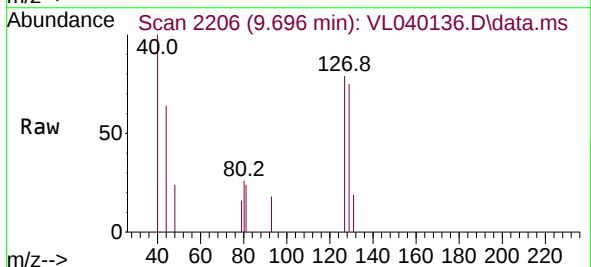
Acq: 30 Jan 2023 17:08

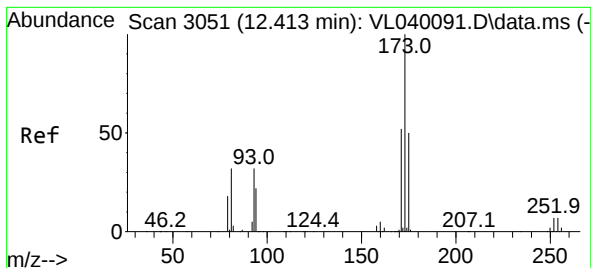
Tgt Ion: 129 Resp: 658

Ion Ratio Lower Upper

129 100

127 298.8 39.3 117.9#





#49

Bromoform

Concen: 0.005 ppbv

RT: 12.400 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VL040136.D

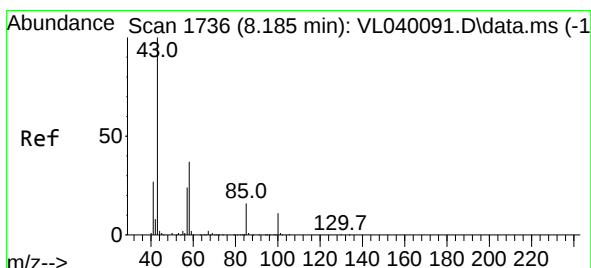
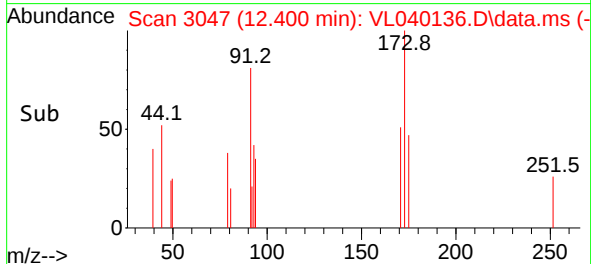
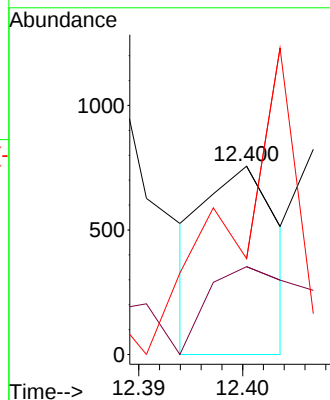
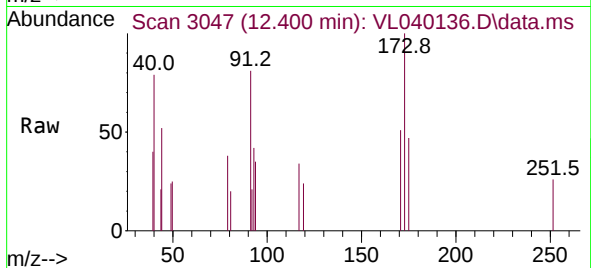
Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173	Resp:	370
Ion Ratio	Lower	Upper
173	100	
175	0.0	39.7 59.5#
171	0.0	42.2 63.2#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

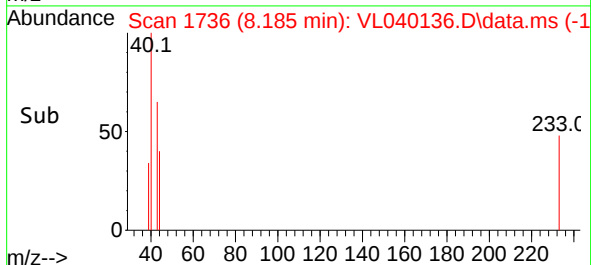
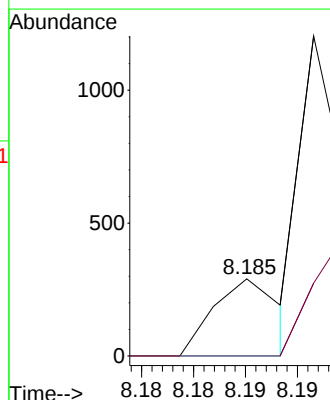
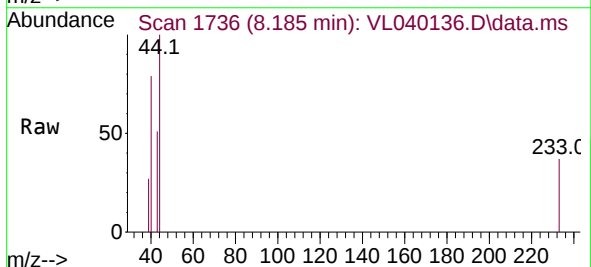
RT: 8.185 min Scan# 1736

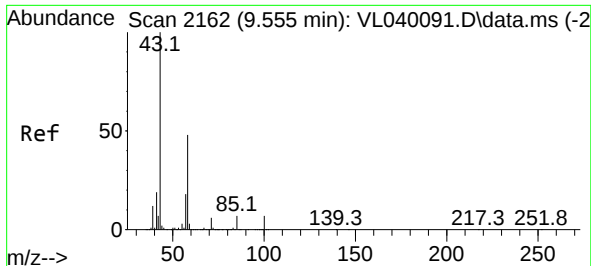
Delta R.T. 0.016 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Tgt Ion: 43	Resp:	129
Ion Ratio	Lower	Upper
43	100	
58	0.0	28.8 43.2#

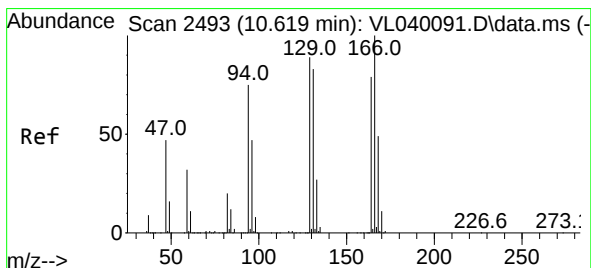
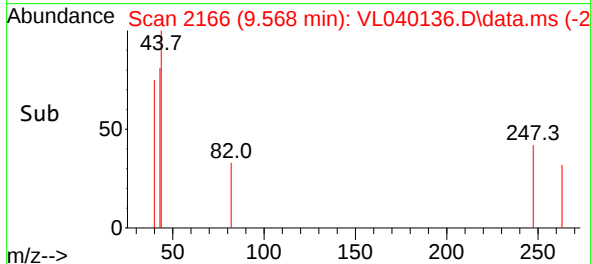
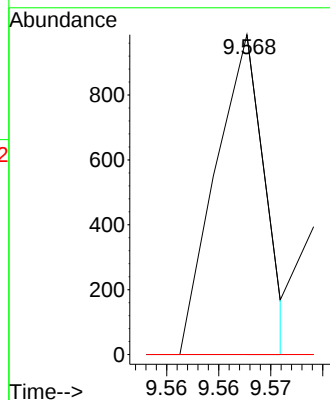
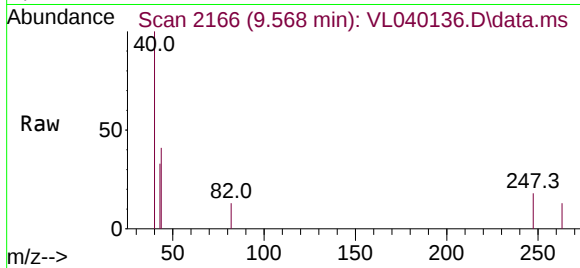




#51
2-Hexanone
Concen: 0.003 ppbv
RT: 9.568 min Scan# 2166
Delta R.T. 0.026 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

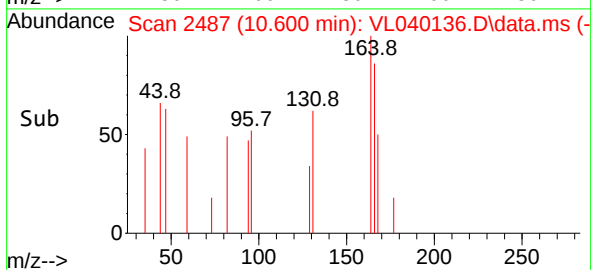
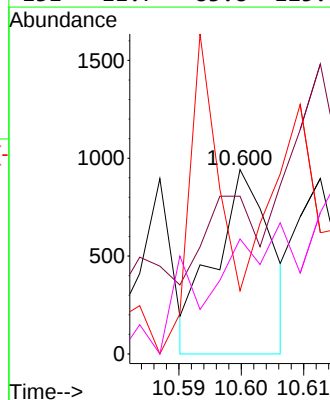
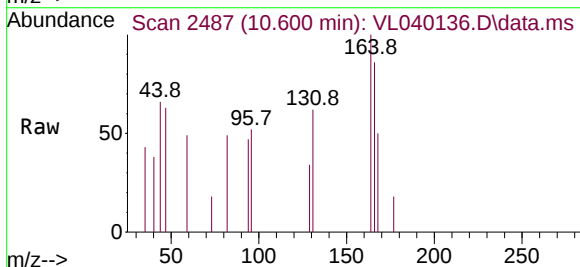
Instrument :
MSVOA_L
ClientSampleId :

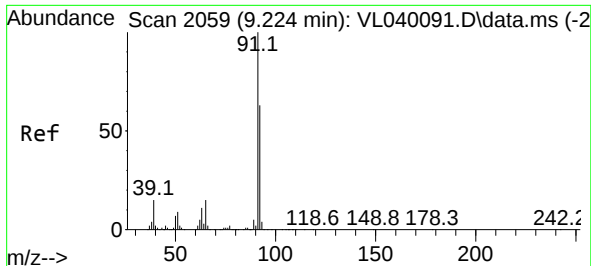
Tgt Ion: 43 Resp: 328
Ion Ratio Lower Upper
43 100
58 0.0 37.5 56.3#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.011 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.006 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 164 Resp: 585
Ion Ratio Lower Upper
164 100
166 60.5 101.2 151.8#
129 15.7 90.2 135.2#
131 11.7 83.8 125.8#

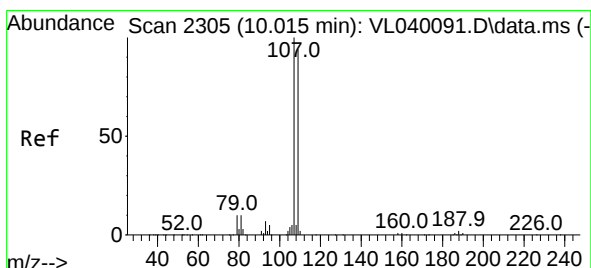
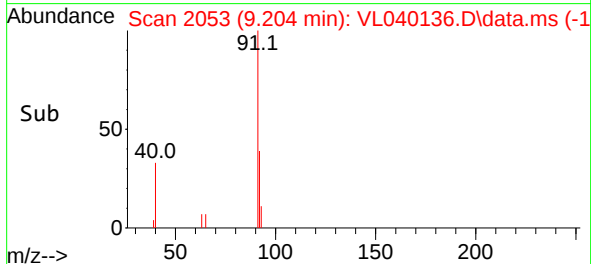
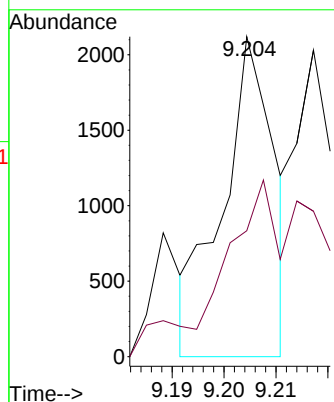
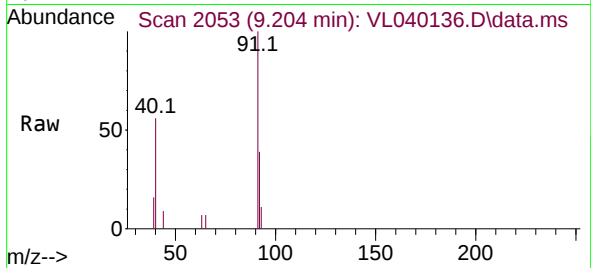




#53
Toluene
Concen: 0.009 ppbv
RT: 9.204 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

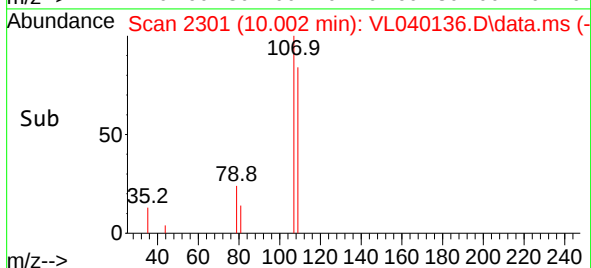
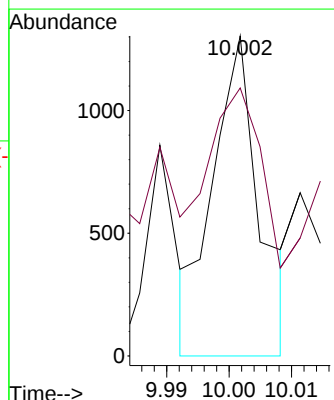
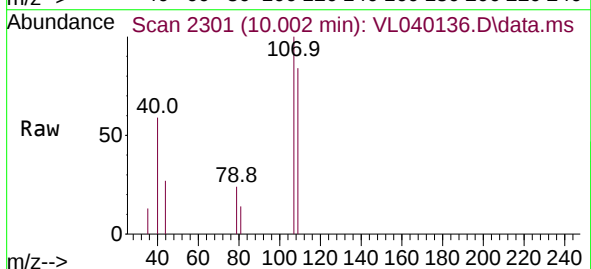
Instrument :
MSVOA_L
ClientSampleId :

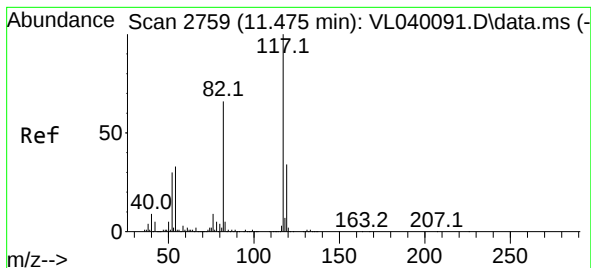
Tgt Ion: 91 Resp: 1459
Ion Ratio Lower Upper
91 100
92 129.1 48.3 72.5#



#54
1,2-Dibromoethane
Concen: 0.010 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 107 Resp: 674
Ion Ratio Lower Upper
107 100
109 77.2 75.0 112.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.461 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

ClientSampleId :

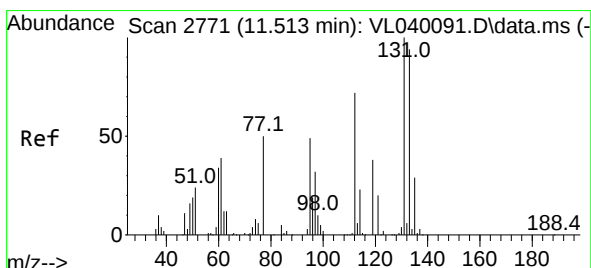
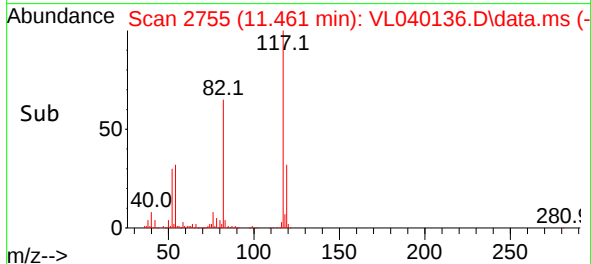
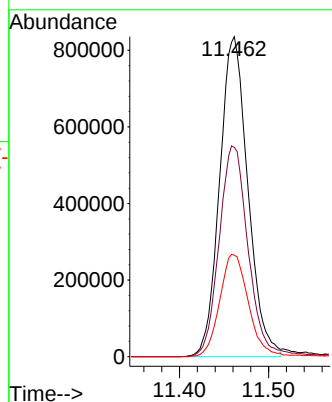
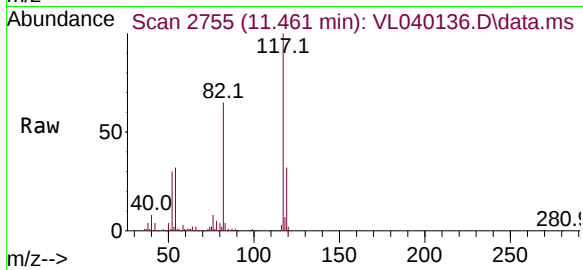
Tgt Ion:117 Resp: 1841161

Ion Ratio Lower Upper

117 100

82 68.9 54.4 81.6

119 33.3 26.8 40.2



#56

1,1,1,2-Tetrachloroethane

Concen: 0.008 ppbv

RT: 11.503 min Scan# 2768

Delta R.T. 0.003 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

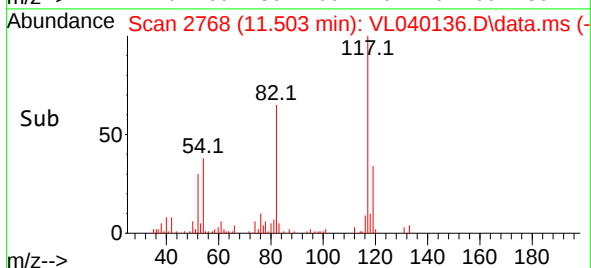
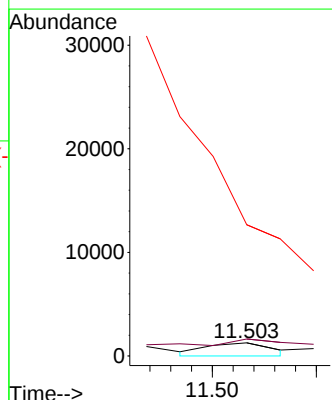
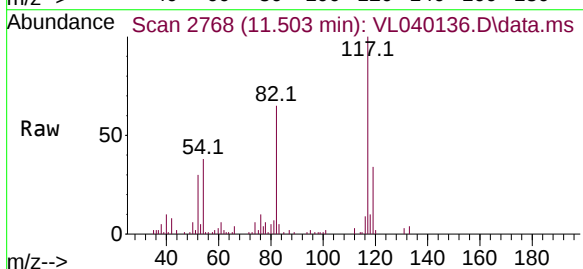
Tgt Ion:131 Resp: 551

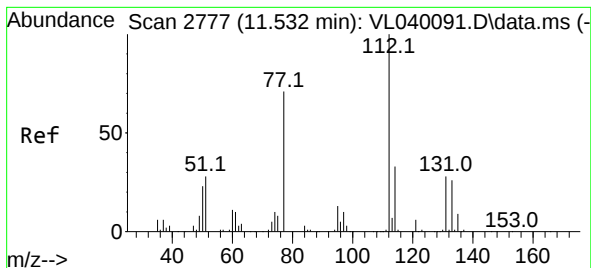
Ion Ratio Lower Upper

131 100

133 495.6 75.6 113.4#

119 0.0 47.2 70.8#





#57

Chlorobenzene

Concen: 0.013 ppbv

RT: 11.516 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL040136.D

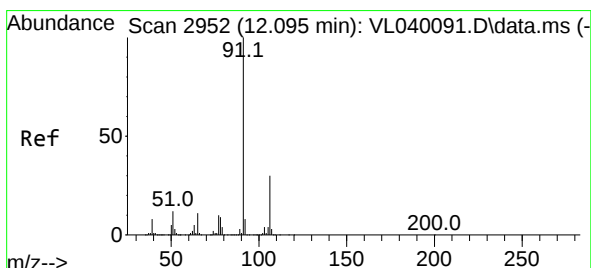
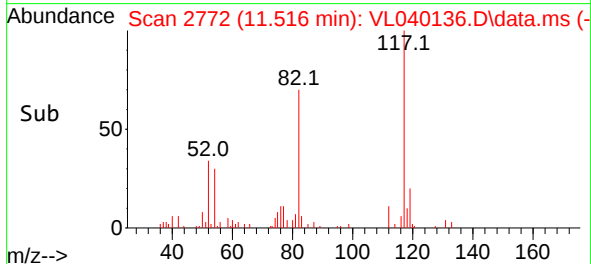
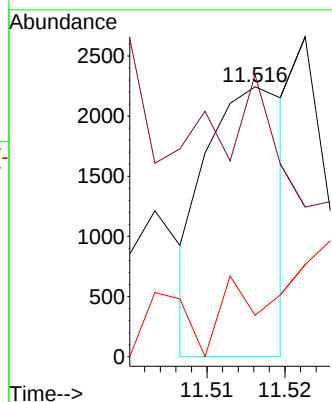
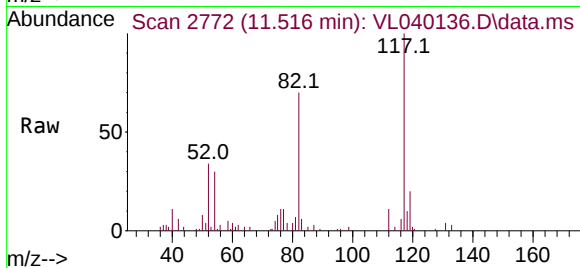
Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	112	Resp:	1582
Ion	Ratio	Lower	Upper
112	100		
77	46.6	57.3	85.9#
114	0.0	29.6	36.2#



#58

Ethyl Benzene

Concen: 0.005 ppbv

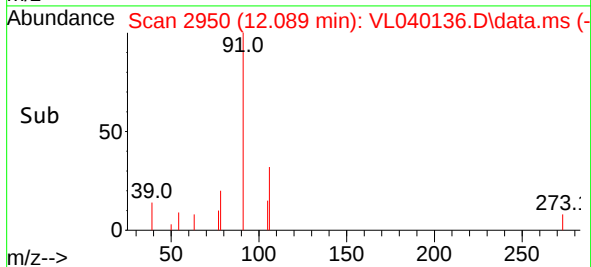
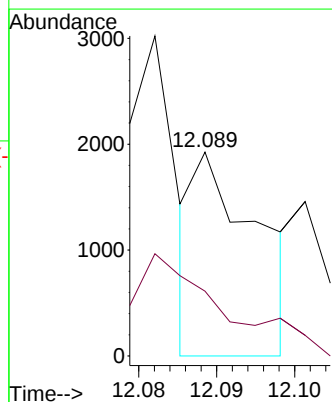
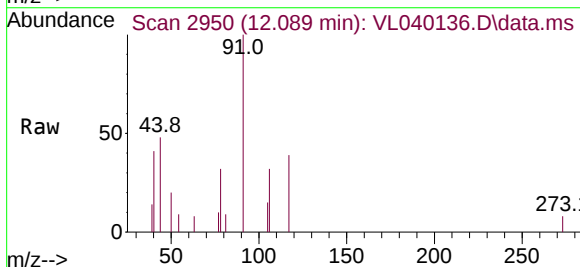
RT: 12.089 min Scan# 2950

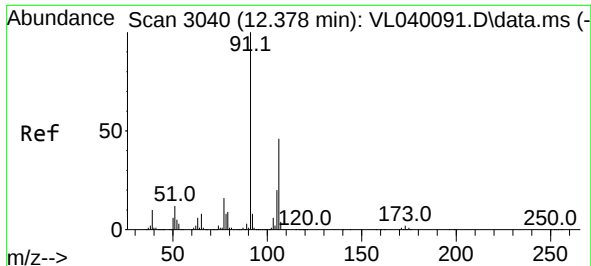
Delta R.T. 0.006 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Tgt Ion:	91	Resp:	1086
Ion	Ratio	Lower	Upper
91	100		
106	33.9	23.7	35.5





#59

m/p-Xylene

Concen: 0.006 ppbv

RT: 12.365 min Scan# 3040

Delta R.T. -0.000 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

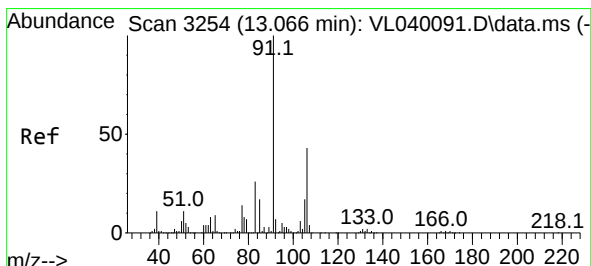
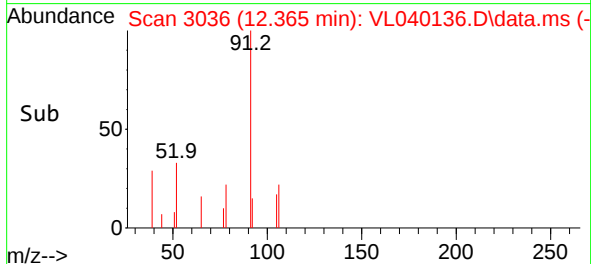
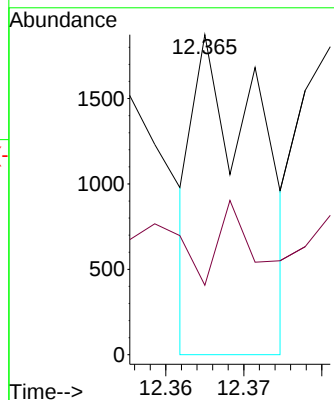
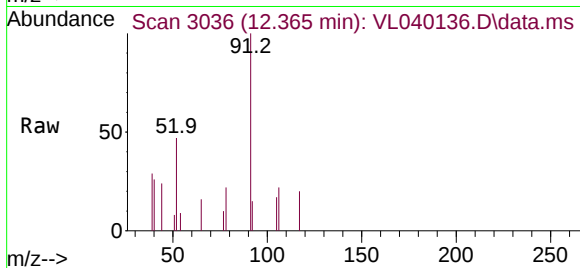
ClientSampleId :

Tgt Ion: 91 Resp: 1074

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.4#



#60

o-Xylene

Concen: 0.008 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. -0.003 min

Lab File: VL040136.D

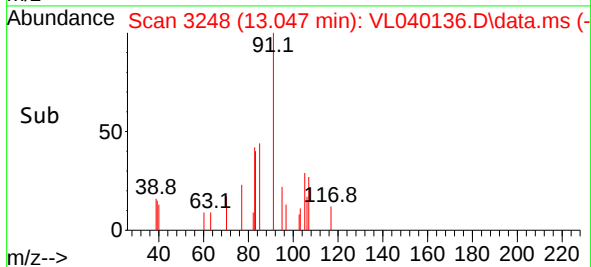
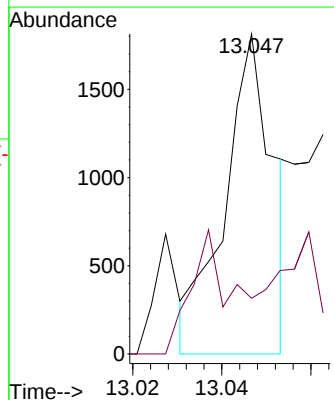
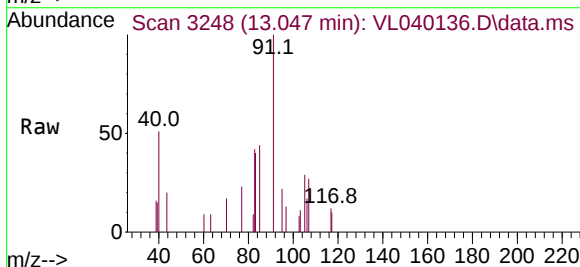
Acq: 30 Jan 2023 17:08

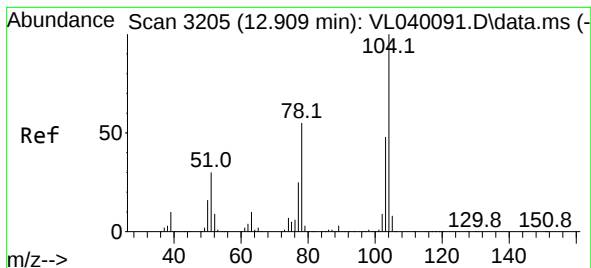
Tgt Ion: 91 Resp: 1357

Ion Ratio Lower Upper

91 100

106 0.0 21.6 64.8#





#61

Styrene

Concen: 0.008 ppbv

RT: 12.892 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

ClientSampleId :

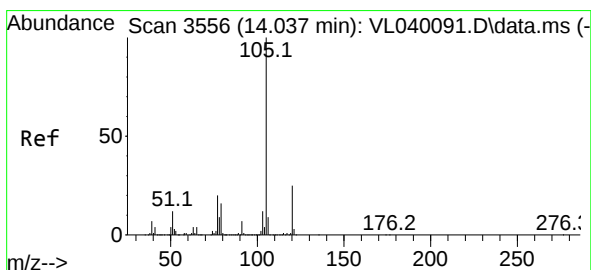
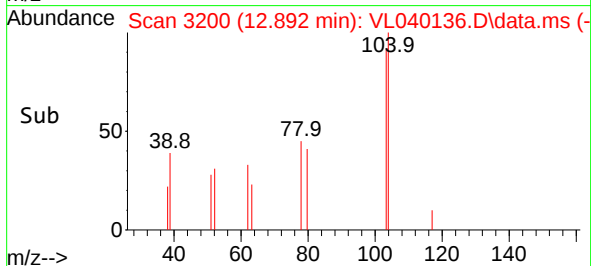
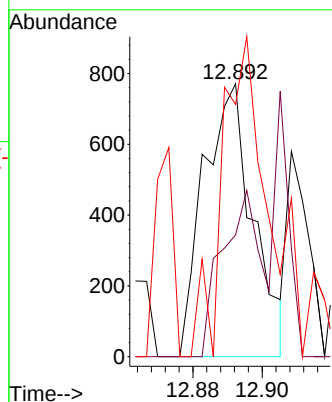
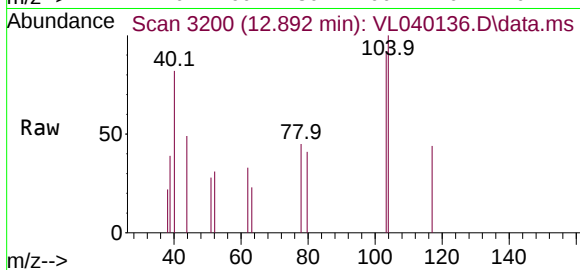
Tgt Ion:104 Resp: 760

Ion Ratio Lower Upper

104 100

78 0.0 44.0 66.0#

103 146.3 37.8 56.6#



#62

Isopropylbenzene

Concen: 0.007 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.006 min

Lab File: VL040136.D

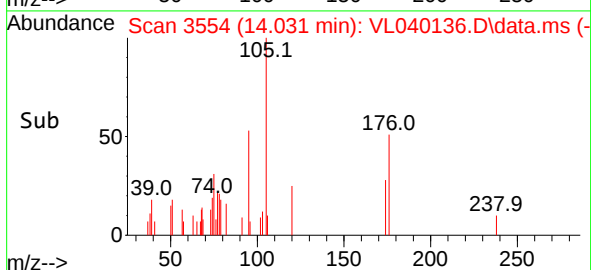
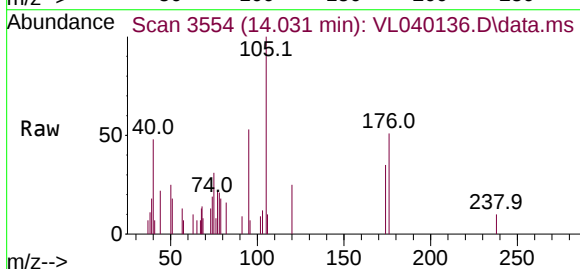
Acq: 30 Jan 2023 17:08

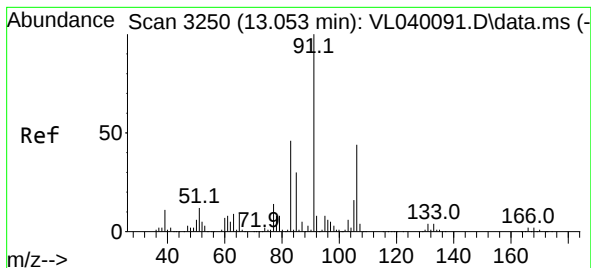
Tgt Ion:105 Resp: 1729

Ion Ratio Lower Upper

105 100

120 57.7 20.2 30.2#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.009 ppbv

RT: 13.047 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

ClientSampleId :

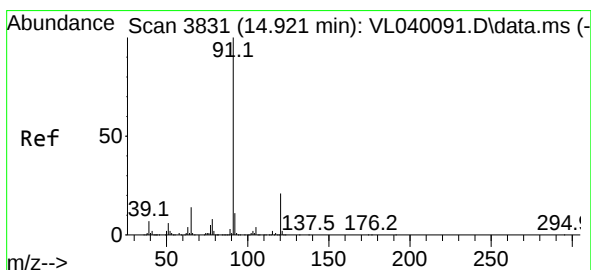
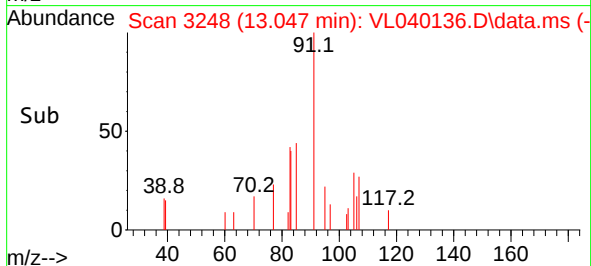
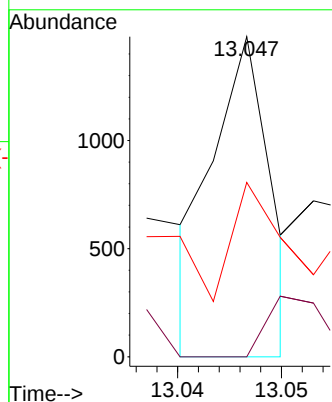
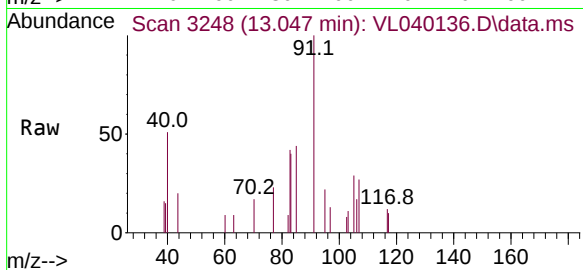
Tgt Ion: 83 Resp: 569

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

85 294.6 32.5 97.5#



#64

n-propylbenzene

Concen: 0.007 ppbv

RT: 14.912 min Scan# 3828

Delta R.T. -0.000 min

Lab File: VL040136.D

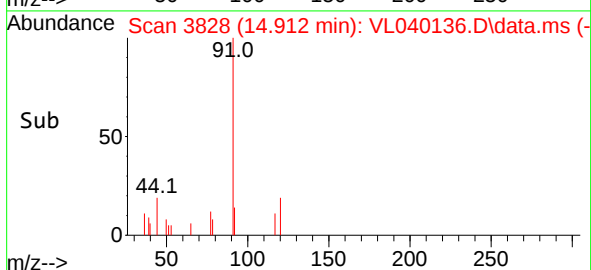
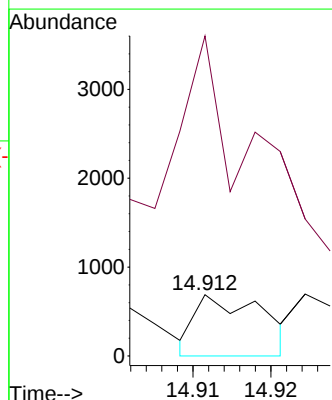
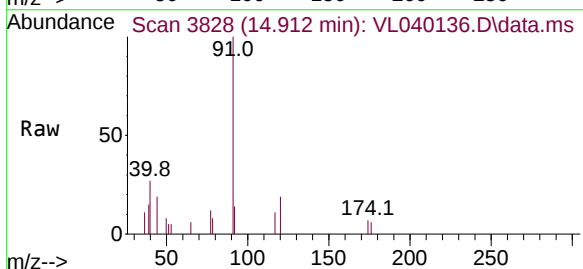
Acq: 30 Jan 2023 17:08

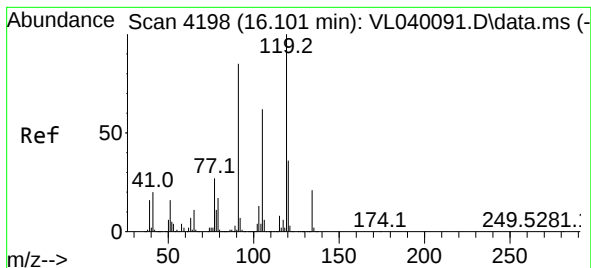
Tgt Ion: 120 Resp: 413

Ion Ratio Lower Upper

120 100

91 1659.8 397.0 595.4#

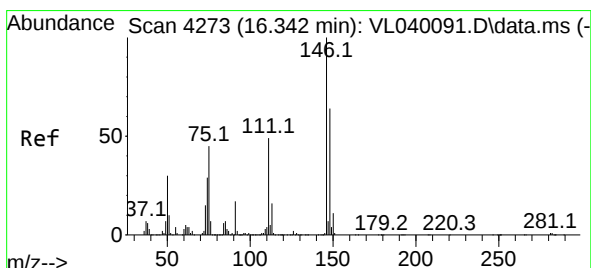
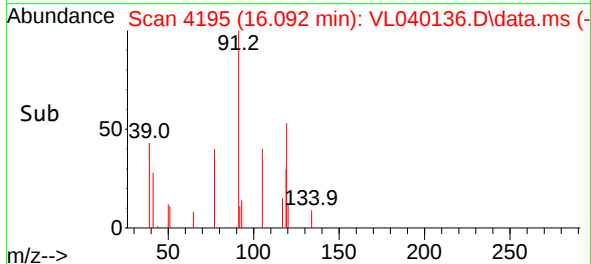
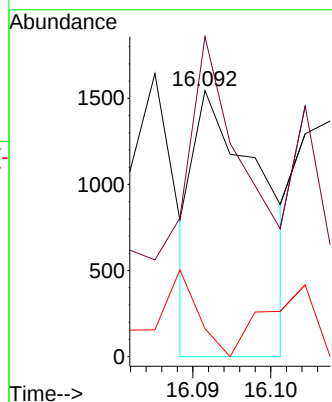
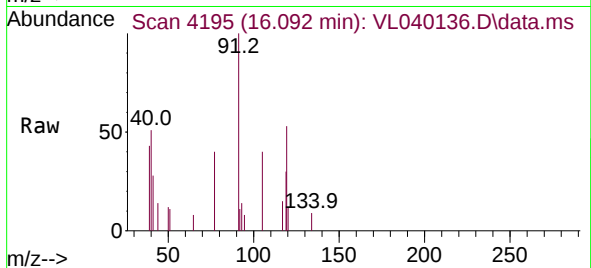




#65
tert-Butylbenzene
Concen: 0.004 ppbv
RT: 16.092 min Scan# 4198
Delta R.T. 0.006 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

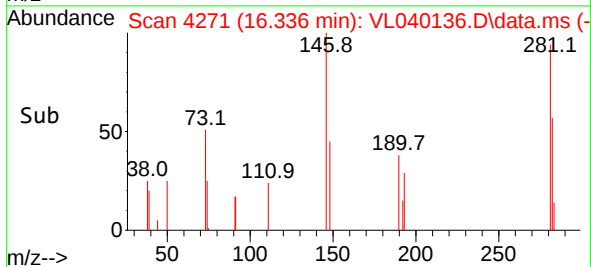
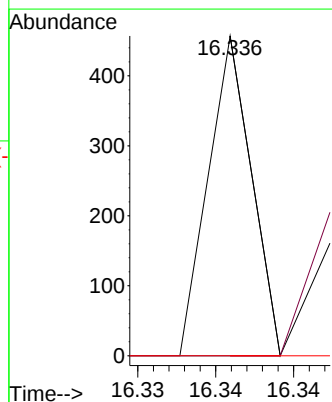
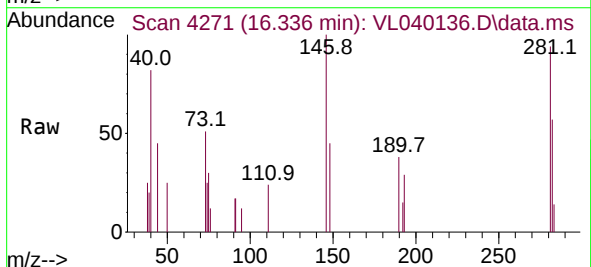
Instrument :
MSVOA_L
ClientSampleId :

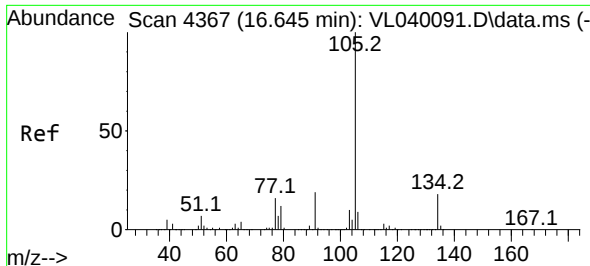
Tgt Ion:119 Resp: 918
Ion Ratio Lower Upper
119 100
91 375.4 69.5 104.3#
134 0.0 15.8 23.8#



#66
Benzyl Chloride
Concen: 0.006 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.013 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 91 Resp: 88
Ion Ratio Lower Upper
91 100
126 0.0 11.5 17.3#
128 0.0 0.0 0.0





#67

sec-Butylbenzene

Concen: 0.004 ppbv

RT: 16.638 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

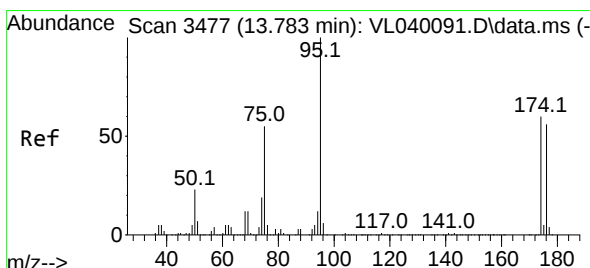
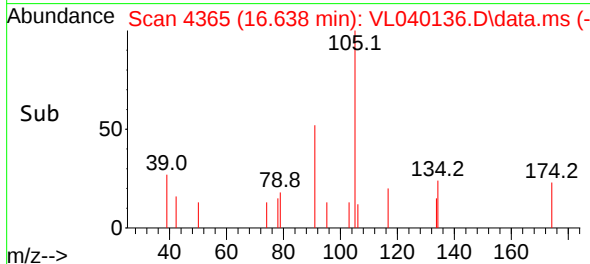
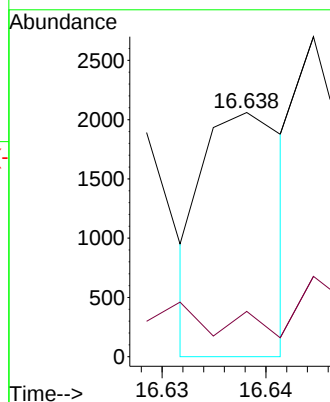
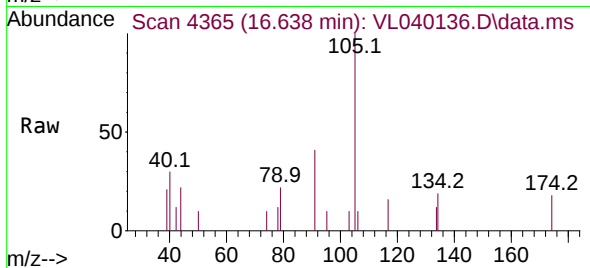
ClientSampleId :

Tgt Ion:105 Resp: 1133

Ion Ratio Lower Upper

105 100

134 0.0 14.1 21.1#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.861 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. 0.003 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

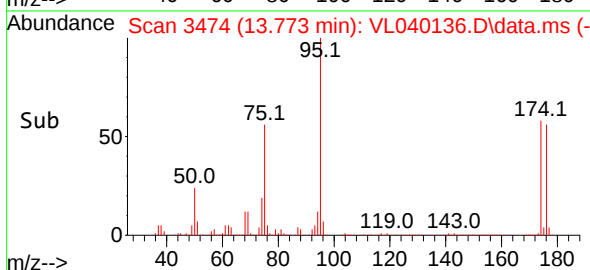
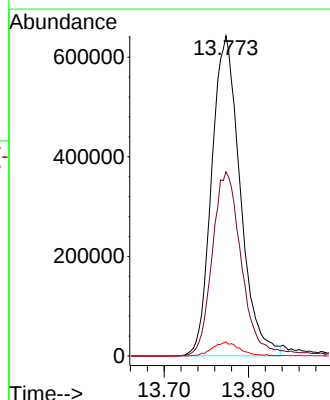
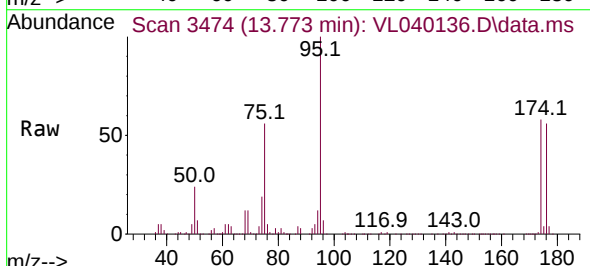
Tgt Ion: 95 Resp: 1508927

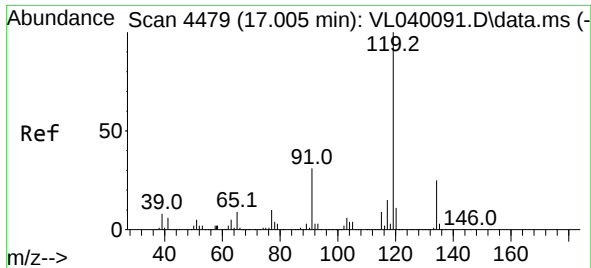
Ion Ratio Lower Upper

95 100

174 60.6 47.7 71.5

175 4.2 3.4 5.2

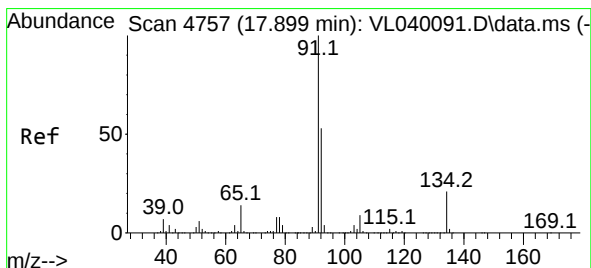
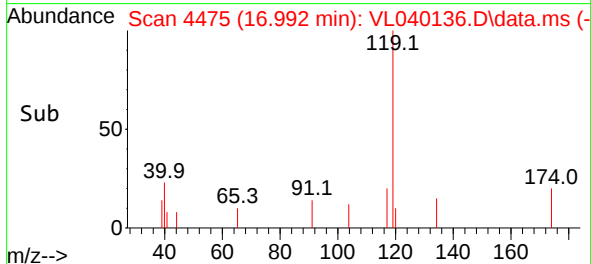
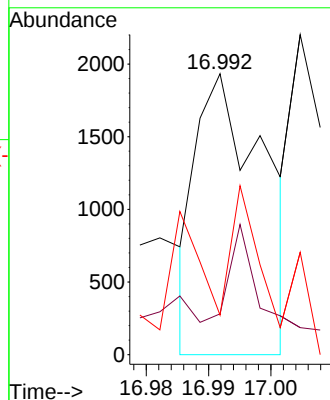
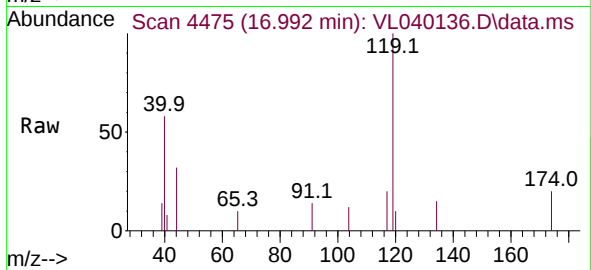




#69
p-Isopropyltoluene
Concen: 0.006 ppbv
RT: 16.992 min Scan# 4479
Delta R.T. 0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

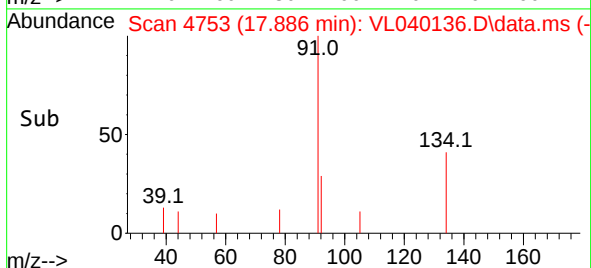
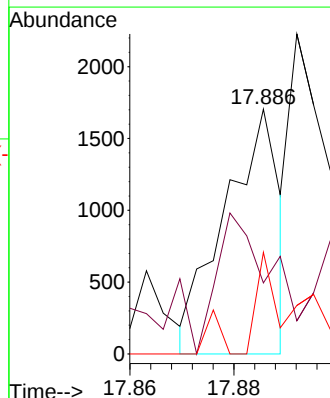
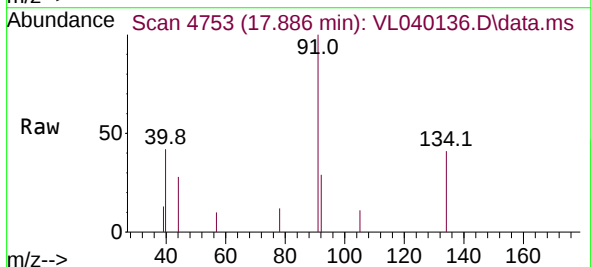
Instrument :
MSVOA_L
ClientSampleId :

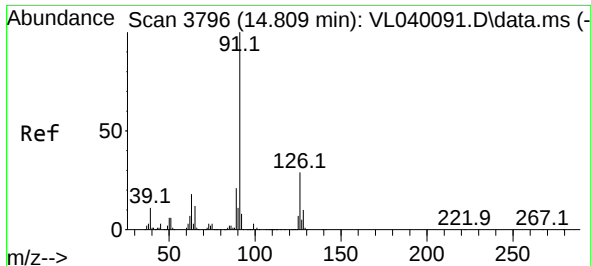
Tgt Ion:119 Resp: 1459
Ion Ratio Lower Upper
119 100
134 51.2 20.1 30.1#
91 104.7 25.0 37.4#



#70
n-Butylbenzene
Concen: 0.005 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 91 Resp: 1242
Ion Ratio Lower Upper
91 100
92 192.0 42.8 64.2#
134 49.7 16.9 25.3#

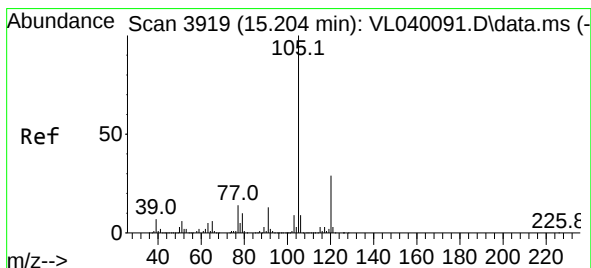
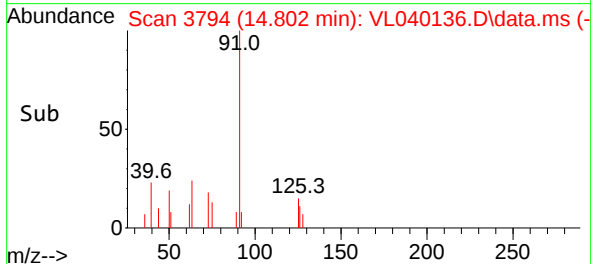
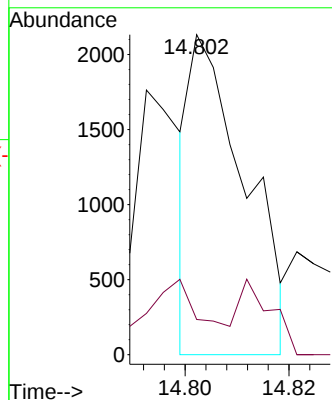
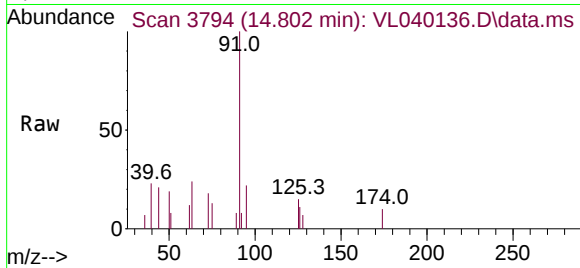




#71
2-Chlorotoluene
Concen: 0.008 ppbv
RT: 14.802 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

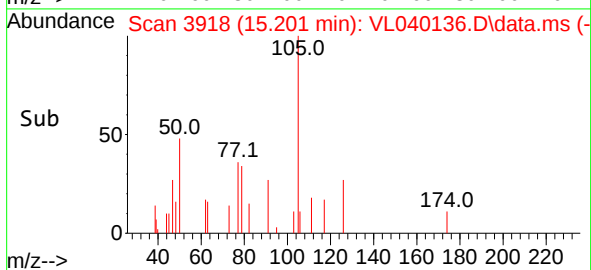
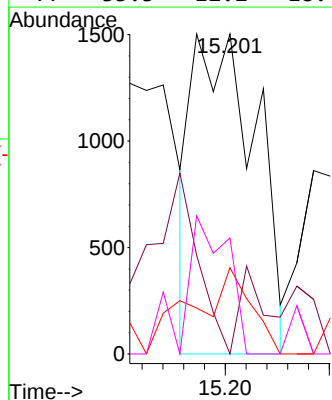
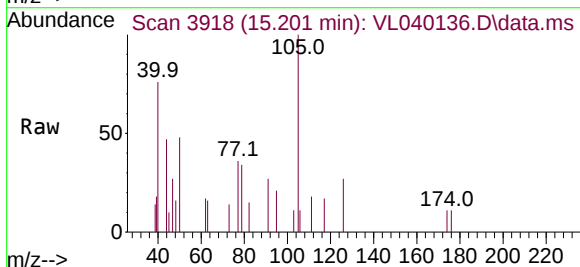
Instrument :
MSVOA_L
ClientSampleId :

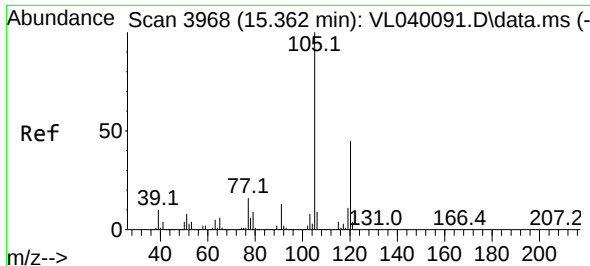
Tgt Ion: 91 Resp: 1571
Ion Ratio Lower Upper
91 100
126 40.5 11.9 47.5



#72
4-Ethyltoluene
Concen: 0.007 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.013 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 105 Resp: 1269
Ion Ratio Lower Upper
105 100
120 83.8 23.1 34.7#
91 29.9 11.2 16.8#
77 33.3 12.2 18.4#

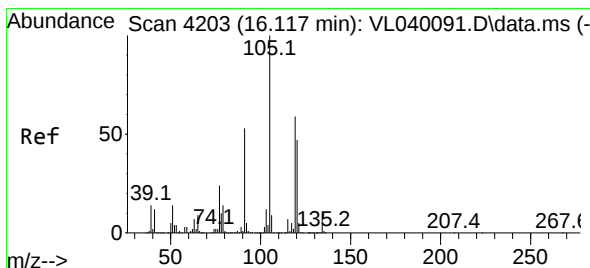
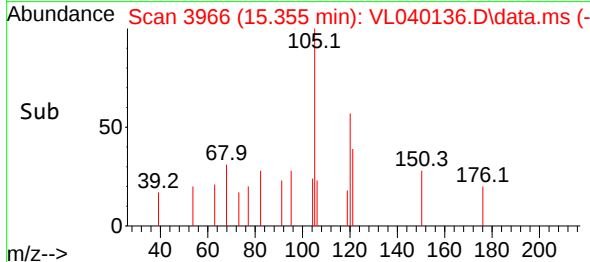
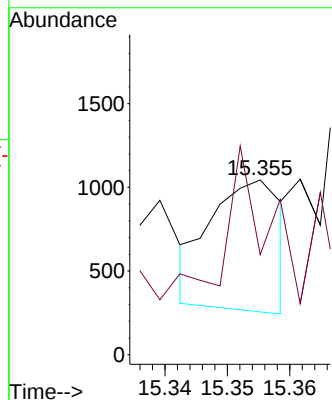
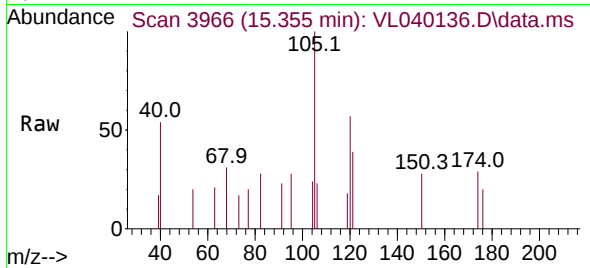




#73
 1,3,5-Trimethylbenzene
 Concen: 0.003 ppbv
 RT: 15.355 min Scan# 3966
 Delta R.T. 0.006 min
 Lab File: VL040136.D
 Acq: 30 Jan 2023 17:08

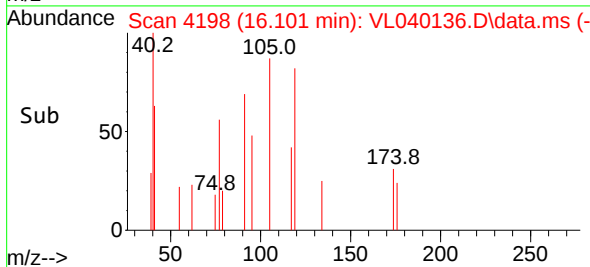
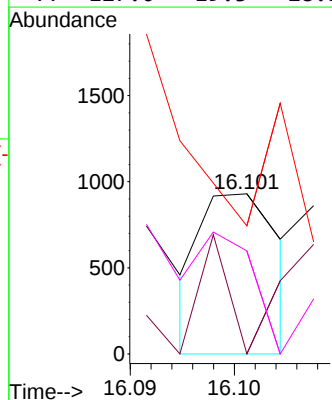
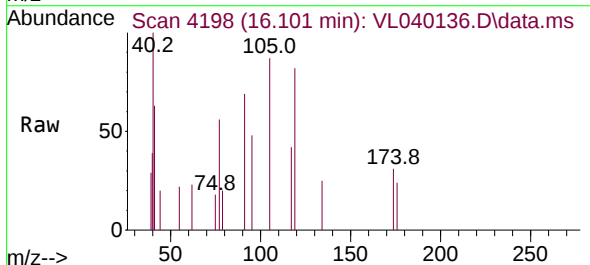
Instrument :
 MSVOA_L
 ClientSampleId :

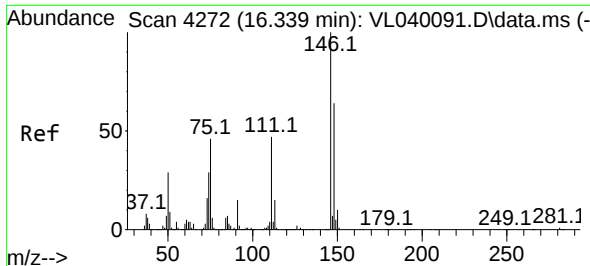
Tgt Ion:105 Resp: 612
 Ion Ratio Lower Upper
 105 100
 120 0.0 36.2 54.4#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.002 ppbv
 RT: 16.101 min Scan# 4198
 Delta R.T. -0.000 min
 Lab File: VL040136.D
 Acq: 30 Jan 2023 17:08

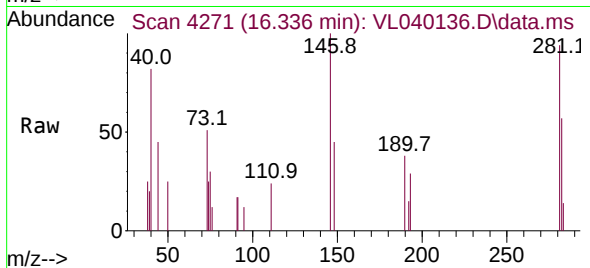
Tgt Ion:105 Resp: 484
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.0 57.0#
 91 0.0 42.1 63.1#
 77 127.0 19.3 28.9#



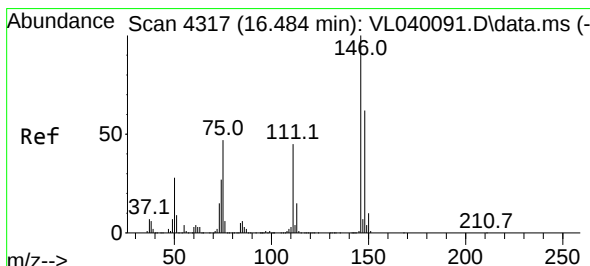
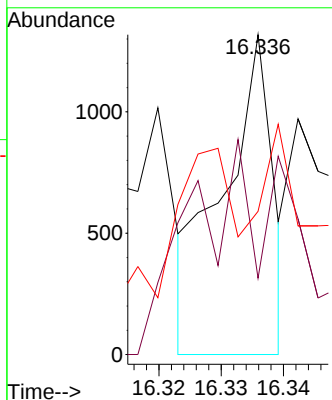
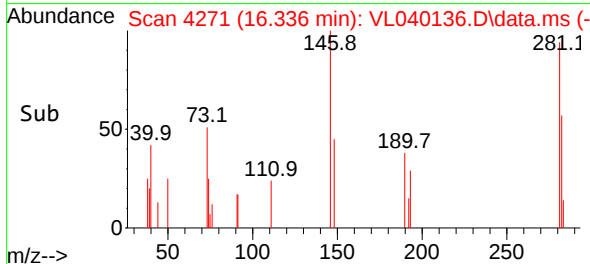


#75
1,3-Dichlorobenzene
Concen: 0.007 ppbv
RT: 16.336 min Scan# 4314
Delta R.T. 0.010 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

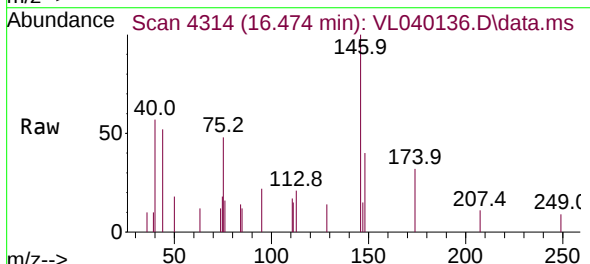
Instrument :
MSVOA_L
ClientSampleId :



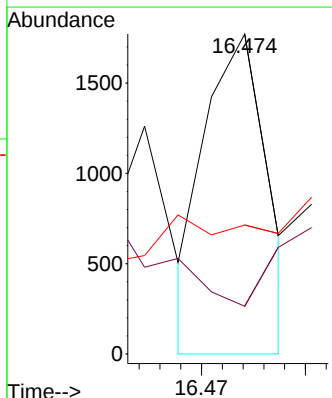
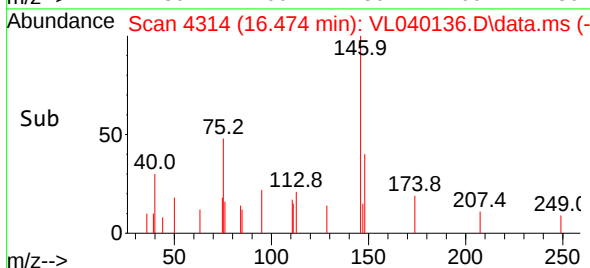
Tgt Ion:146 Resp: 736
Ion Ratio Lower Upper
146 100
111 0.0 24.3 73.0#
148 0.0 32.3 96.8#

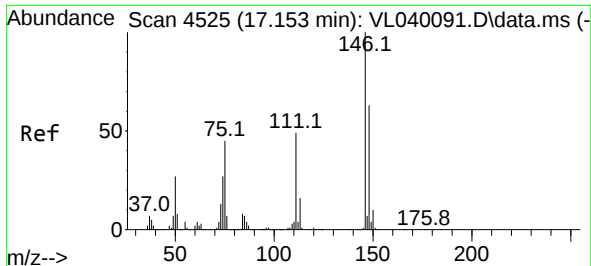


#76
1,4-Dichlorobenzene
Concen: 0.007 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. 0.006 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08



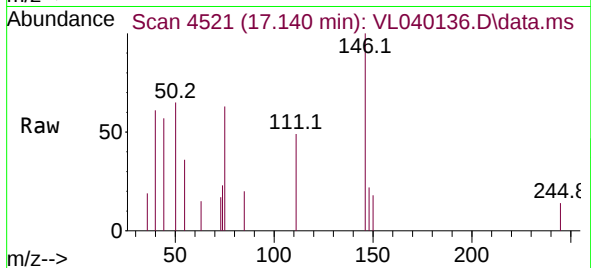
Tgt Ion:146 Resp: 743
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.2#
148 0.0 32.8 98.4#



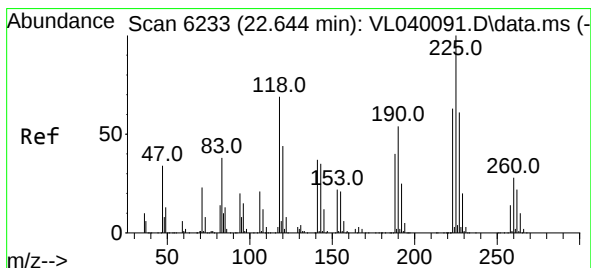
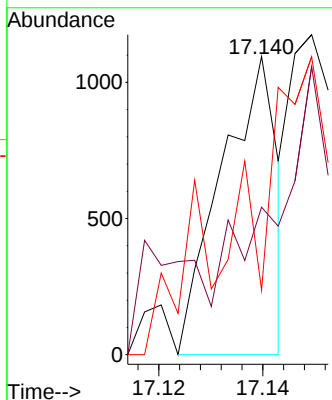
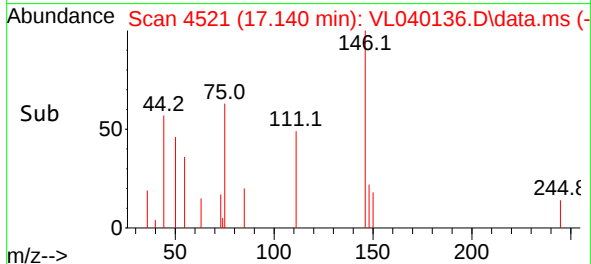


#77
1,2-Dichlorobenzene
Concen: 0.008 ppbv
RT: 17.140 min Scan# 4525
Delta R.T. 0.003 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Instrument :
MSVOA_L
ClientSampleId :

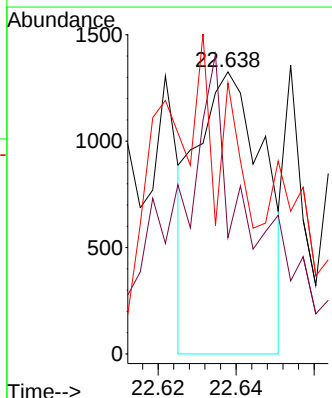
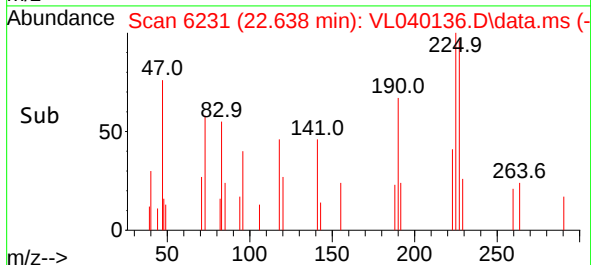
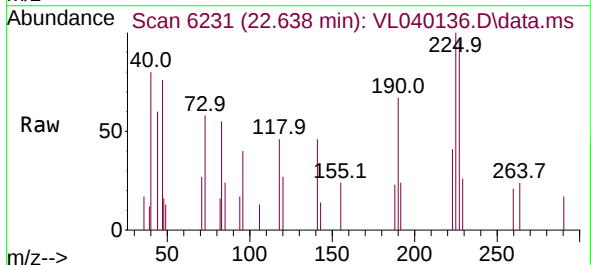


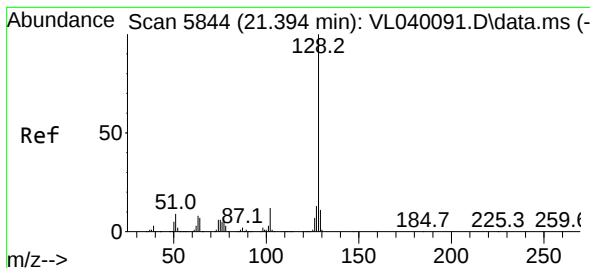
Tgt Ion:146 Resp: 821
Ion Ratio Lower Upper
146 100
111 0.0 25.1 75.2#
148 0.0 32.4 97.0#



#78
Hexachloro-1,3-Butadiene
Concen: 0.021 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. 0.006 min
Lab File: VL040136.D
Acq: 30 Jan 2023 17:08

Tgt Ion:225 Resp: 1604
Ion Ratio Lower Upper
225 100
223 155.6 51.5 77.3#
227 207.6 50.6 76.0#





#79

Naphthalene

Concen: 0.003 ppbv

RT: 21.381 min Scan# 5840

Delta R.T. 0.003 min

Lab File: VL040136.D

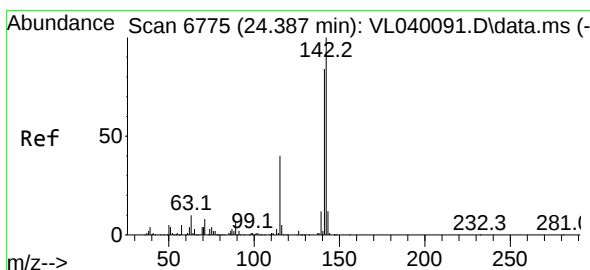
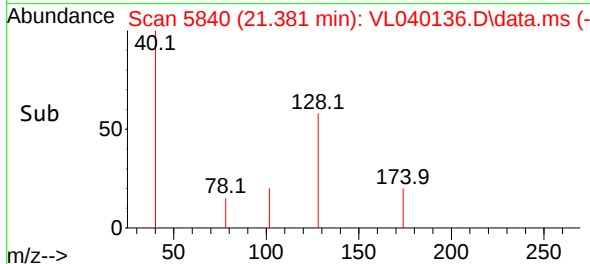
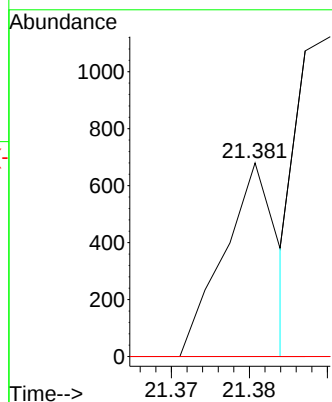
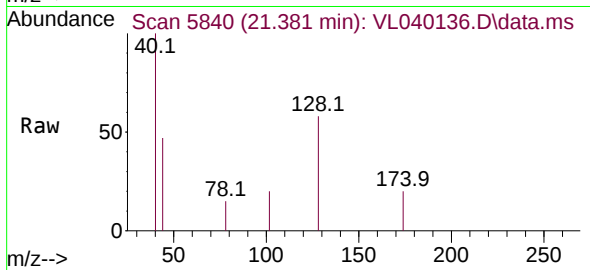
Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:128	Resp:	326
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.8 13.2#



#80

Naphthalene,2-methyl-

Concen: 0.001 ppbv

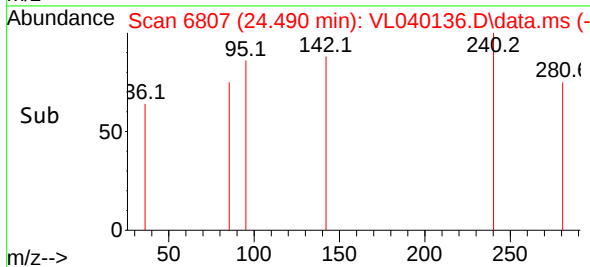
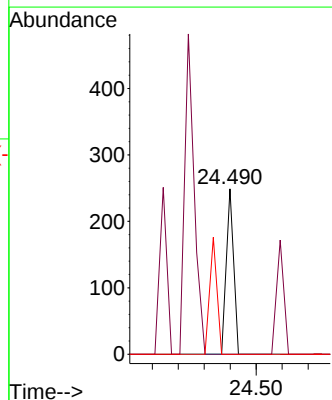
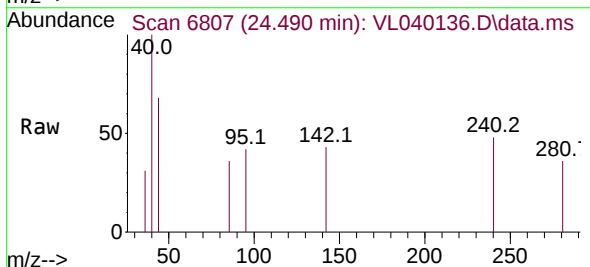
RT: 24.490 min Scan# 6807

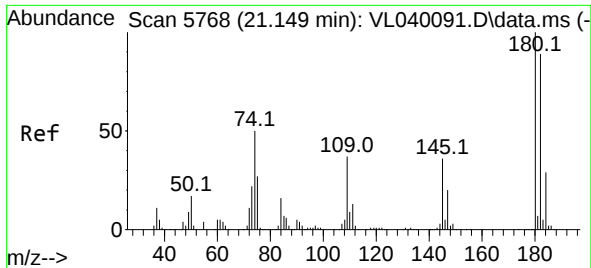
Delta R.T. 0.116 min

Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Tgt Ion:142	Resp:	48
Ion Ratio	Lower	Upper
142	100	
141	68.8	65.0 97.6
115	229.2	31.8 47.8#





#81

1,2,4-Trichlorobenzene

Concen: 0.009 ppbv

RT: 21.136 min Scan# 51

Delta R.T. 0.003 min

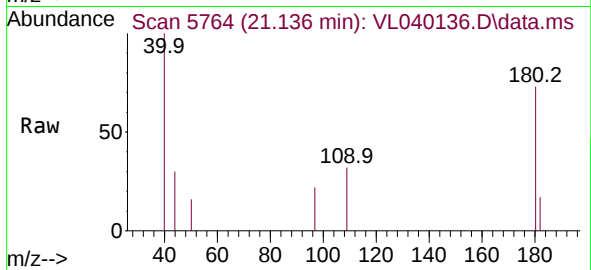
Lab File: VL040136.D

Acq: 30 Jan 2023 17:08

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 589

Ion Ratio Lower Upper

180 100

182 0.0 78.6 117.8#

184 0.0 25.1 37.7#

