

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040137.D
 Acq On : 30 Jan 2023 17:45
 Operator : SY/MD
 Sample : N4995-14 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 31 05:29:48 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	795443	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2063895	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	1836060	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1483638	9.723	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.710	85	5378	0.039	ppbv	99
3) Chlorodifluoromethane	2.658	51	3407	0.036	ppbv	98
4) Chloromethane	2.803	50	2487	0.042	ppbv #	42
5) Vinyl Chloride	2.899	62	815	0.016	ppbv #	44
6) Bromomethane	3.105	94	437	0.024	ppbv #	51
7) Chloroethane	3.176	64	330	0.017	ppbv #	43
8) Dichlorotetrafluoroethane	2.838	85	4622	0.035	ppbv	100
9) Propene	2.671	41	962	0.024	ppbv #	15
10) Heptane	7.574	43	866	0.009	ppbv #	1
11) Trichlorofluoromethane	3.539	101	1701	0.012	ppbv	86
12) 1,1,2-Trichlorotrifluo...	4.041	101	819	0.008	ppbv #	17
13) Ethanol	3.247	45	889	0.244	ppbv #	59
14) Bromoethene	3.353	108	1018	0.026	ppbv #	72
15) Acetone	3.478	43	13907	0.146	ppbv	94
16) 1,3-Butadiene	2.970	39	1263	0.028	ppbv	96
17) tert-Butyl alcohol	3.864	59	95	0.001	ppbv #	72
18) 1,1-Dichloroethene	3.867	96	1646	0.036	ppbv #	61
19) Isopropyl Alcohol	3.581	45	569	0.012	ppbv #	1
20) Methylene Chloride	3.922	84	4734	0.112	ppbv #	79
21) Allyl Chloride	3.983	41	1210	0.020	ppbv #	25
22) trans-1,2-Dichloroethene	4.430	96	1058	0.023	ppbv #	47
23) Vinyl Acetate	4.616	43	497	0.016	ppbv #	28
24) 1,1-Dichloroethane	4.549	63	3243	0.035	ppbv #	90
25) Ethyl Acetate	5.179	43	153	0.001	ppbv #	1
26) Hexane	5.201	57	1400	0.019	ppbv #	1
27) Carbon Disulfide	4.115	76	1545	0.016	ppbv #	1
28) Methyl tert-Butyl Ether	4.574	73	91	0.001	ppbv #	53
29) Chloroform	5.246	83	1506	0.013	ppbv	96
30) Cyclohexane	6.590	84	849	0.015	ppbv #	1
31) cis-1,2-Dichloroethene	5.063	61	731	0.010	ppbv #	36
32) 1,1,1-Trichloroethane	5.989	97	3214	0.027	ppbv #	81
34) 2-Butanone	4.780	43	204	0.002	ppbv #	53
35) Carbon Tetrachloride	6.478	117	1937	0.017	ppbv #	85
36) Benzene	6.353	78	2860	0.019	ppbv #	83
37) 1,2-Dichloroethane	5.793	62	2133	0.022	ppbv #	84
38) Trichloroethene	7.275	130	775	0.009	ppbv #	2
39) 1,2-Dichloropropane	6.639	63	521660	8.732	ppbv #	21
40) 1,4-Dioxane	7.131	88	133	0.006	ppbv #	1
41) Tetrahydrofuran	5.578	42	262	0.005	ppbv #	1
42) Bromodichloromethane	7.243	83	523	0.004	ppbv #	87
43) Methyl Methacrylate	7.465	69	183	0.003	ppbv #	1
44) 2,2,4-Trimethylpentane	7.314	57	1279	0.005	ppbv #	1
45) t-1,3-Dichloropropene	8.697	75	546	0.011	ppbv #	43

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040137.D
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

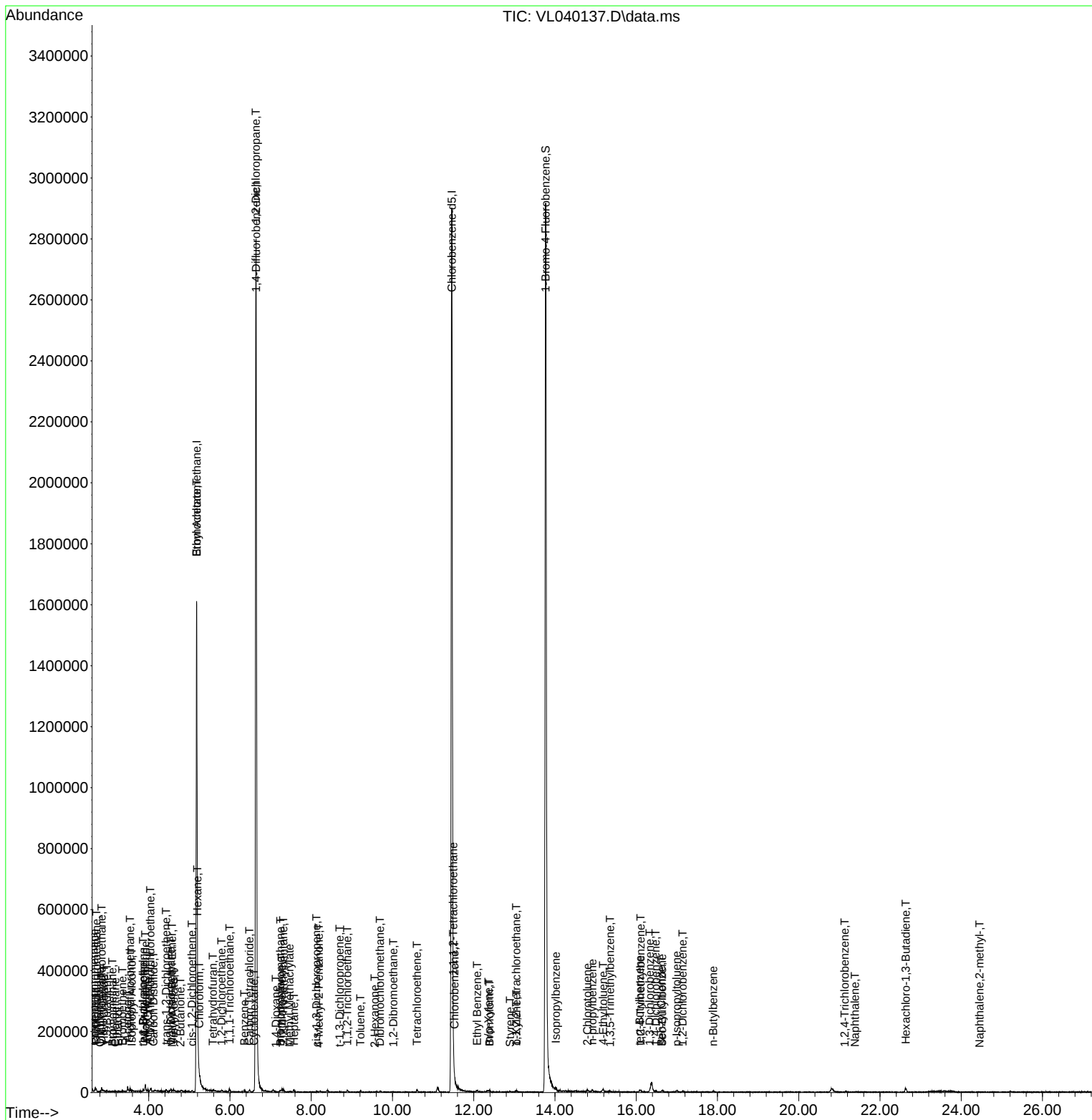
Instrument :
 MSVOA_L
 ClientSampleId :

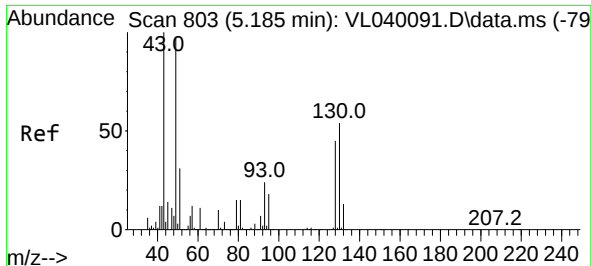
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 31 05:24:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.131	75	582	0.009	ppbv	#	39
47) 1,1,2-Trichloroethane	8.886	97	1672	0.027	ppbv	#	76
48) Dibromochloromethane	9.693	129	598	0.006	ppbv	#	1
49) Bromoform	12.391	173	350	0.004	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.188	43	311	0.002	ppbv	#	39
51) 2-Hexanone	9.561	43	70	0.001	ppbv	#	30
52) Tetrachloroethene	10.603	164	485	0.010	ppbv	#	45
53) Toluene	9.211	91	1296	0.008	ppbv	#	20
54) 1,2-Dibromoethane	10.018	107	157	0.002	ppbv		93
56) 1,1,1,2-Tetrachloroethane	11.497	131	861	0.012	ppbv	#	1
57) Chlorobenzene	11.526	112	1282	0.010	ppbv	#	53
58) Ethyl Benzene	12.082	91	2471	0.012	ppbv		91
59) m/p-Xylene	12.368	91	960	0.005	ppbv	#	33
60) o-Xylene	13.053	91	933	0.005	ppbv	#	33
61) Styrene	12.896	104	449	0.005	ppbv	#	1
62) Isopropylbenzene	14.024	105	3610	0.014	ppbv	#	68
63) 1,1,2,2-Tetrachloroethane	13.047	83	686	0.011	ppbv	#	1
64) n-propylbenzene	14.921	120	138	0.002	ppbv	#	1
65) tert-Butylbenzene	16.082	119	894	0.004	ppbv	#	15
66) Benzyl Chloride	16.619	91	100	0.007	ppbv	#	1
67) sec-Butylbenzene	16.638	105	1366	0.004	ppbv	#	60
69) p-Isopropyltoluene	16.995	119	782	0.003	ppbv	#	46
70) n-Butylbenzene	17.892	91	1740	0.007	ppbv	#	26
71) 2-Chlorotoluene	14.799	91	589	0.003	ppbv	#	1
72) 4-Ethyltoluene	15.188	105	809	0.004	ppbv	#	51
73) 1,3,5-Trimethylbenzene	15.355	105	505	0.003	ppbv	#	31
74) 1,2,4-Trimethylbenzene	16.108	105	530	0.003	ppbv	#	61
75) 1,3-Dichlorobenzene	16.330	146	694	0.006	ppbv	#	22
76) 1,4-Dichlorobenzene	16.478	146	749	0.007	ppbv	#	22
77) 1,2-Dichlorobenzene	17.140	146	526	0.005	ppbv	#	1
78) Hexachloro-1,3-Butadiene	22.638	225	695	0.009	ppbv	#	1
79) Naphthalene	21.384	128	135	0.001	ppbv	#	69
80) Naphthalene,2-methyl-	24.451	142	32	0.001	ppbv	#	17
81) 1,2,4-Trichlorobenzene	21.133	180	114	0.002	ppbv	#	11

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

Quant Time: Jan 31 05:29:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
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QLast Update : Tue Jan 31 05:24:57 2023
Response via : Initial Calibration

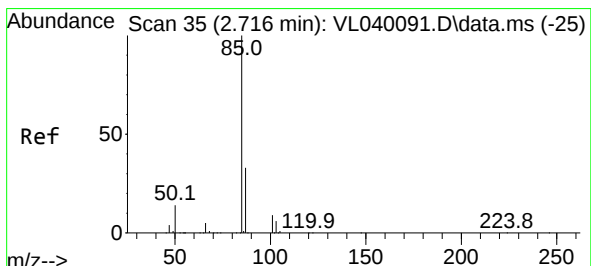
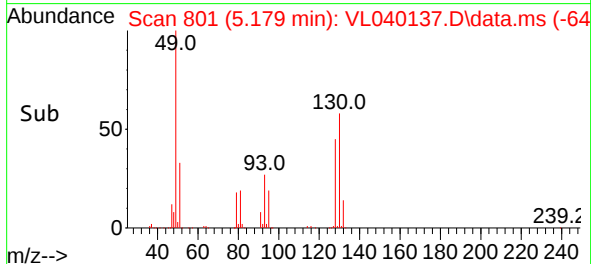
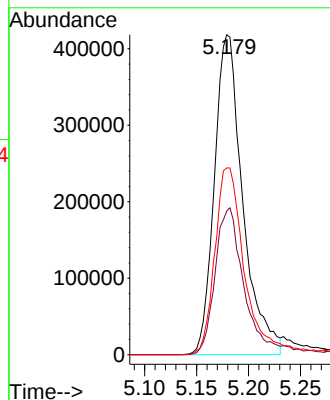
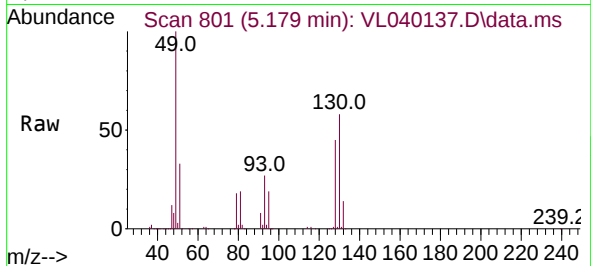




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

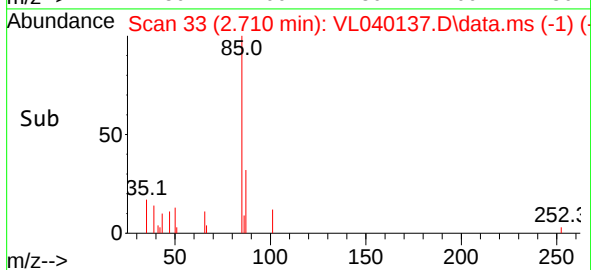
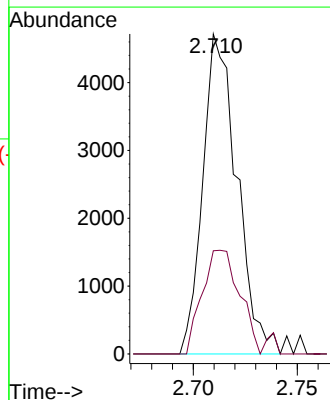
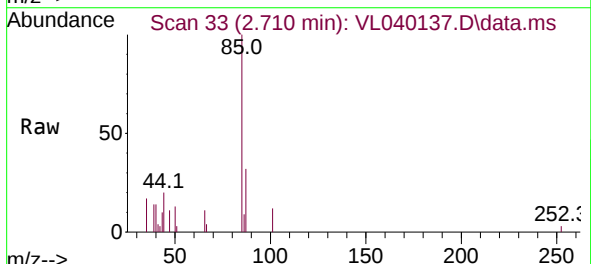
Instrument :
MSVOA_L
ClientSampleId :

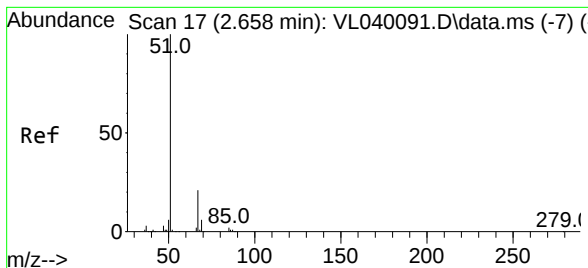
Tgt Ion: 49 Resp: 795443
Ion Ratio Lower Upper
49 100
128 49.5 23.6 71.0
130 63.5 29.8 89.3



#2
Dichlorodifluoromethane
Concen: 0.039 ppbv
RT: 2.710 min Scan# 33
Delta R.T. -0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Tgt Ion: 85 Resp: 5378
Ion Ratio Lower Upper
85 100
87 32.3 26.5 39.7





#3

Chlorodifluoromethane

Concen: 0.036 ppbv

RT: 2.658 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

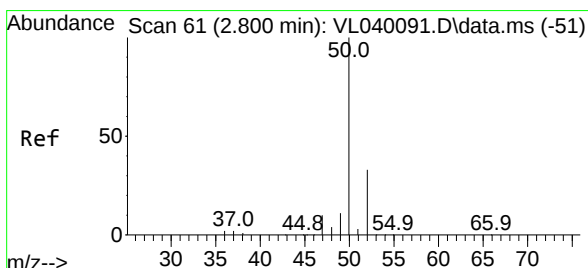
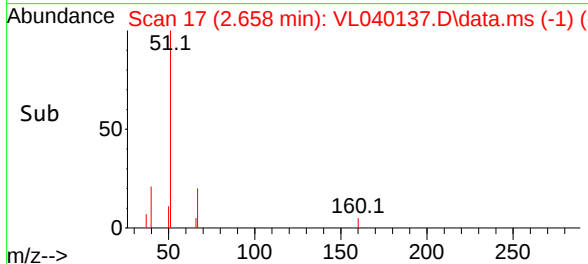
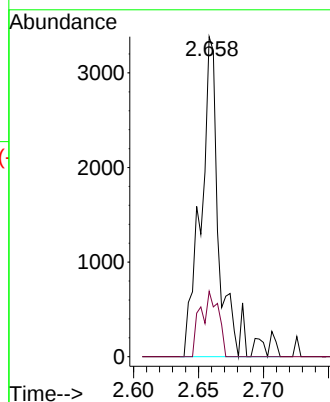
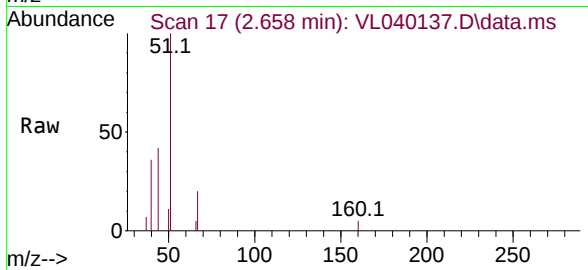
ClientSampleId :

Tgt Ion: 51 Resp: 3407

Ion Ratio Lower Upper

51 100

67 19.6 16.4 24.6



#4

Chloromethane

Concen: 0.042 ppbv

RT: 2.803 min Scan# 62

Delta R.T. 0.010 min

Lab File: VL040137.D

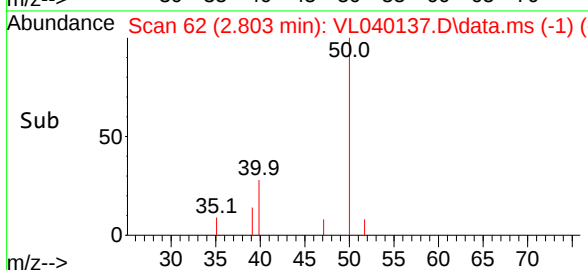
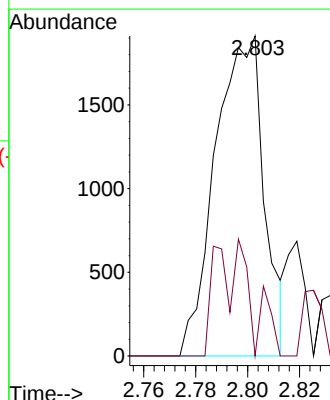
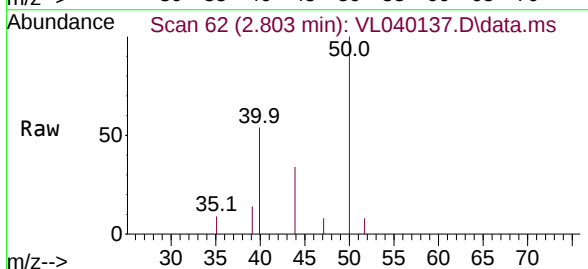
Acq: 30 Jan 2023 17:45

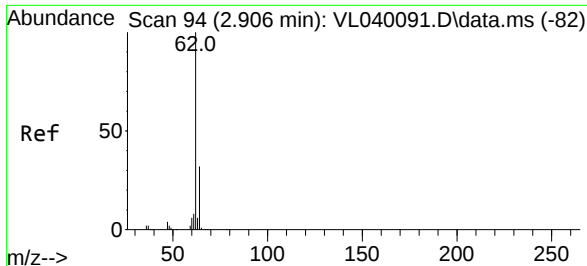
Tgt Ion: 50 Resp: 2487

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#

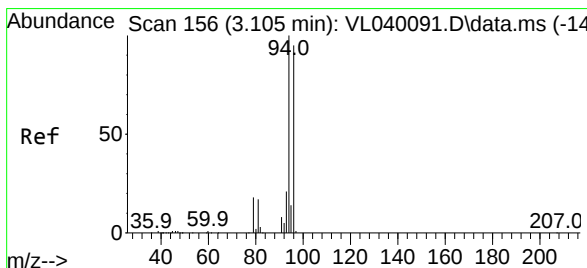
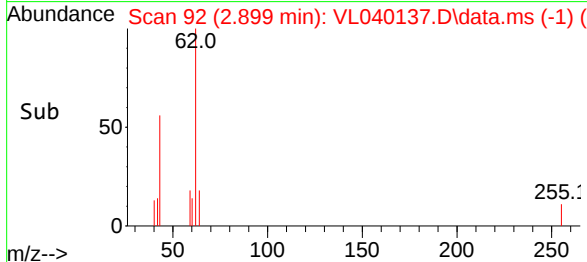
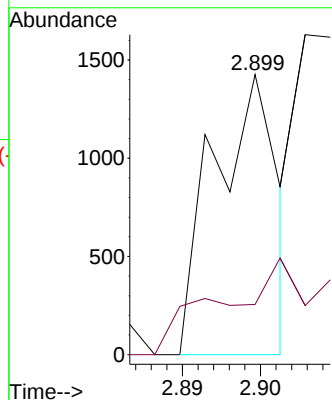
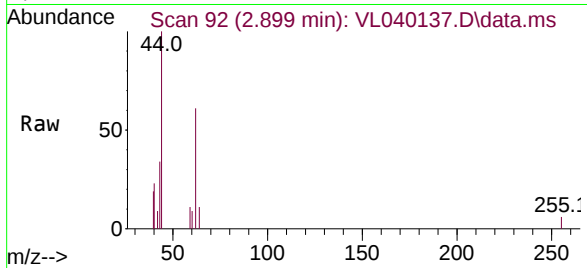




#5
 Vinyl Chloride
 Concen: 0.016 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040137.D
 Acq: 30 Jan 2023 17:45

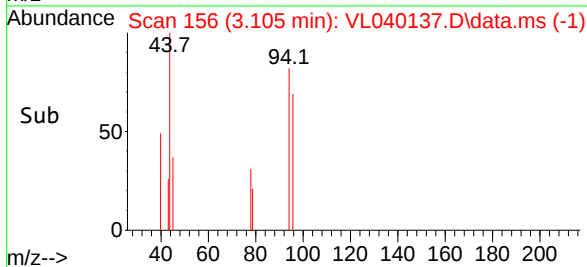
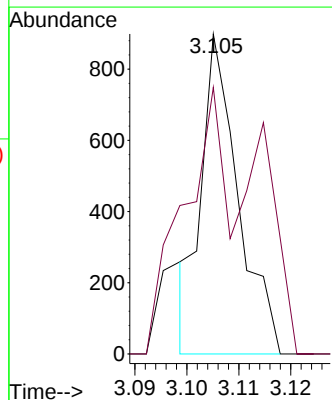
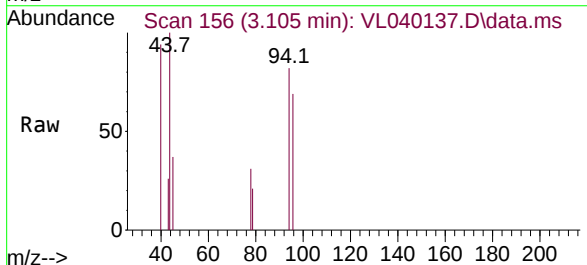
Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 62 Resp: 815
 Ion Ratio Lower Upper
 62 100
 64 0.7 25.8 38.6#



#6
 Bromomethane
 Concen: 0.024 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. 0.003 min
 Lab File: VL040137.D
 Acq: 30 Jan 2023 17:45

Tgt Ion: 94 Resp: 437
 Ion Ratio Lower Upper
 94 100
 96 47.2 76.2 114.2#

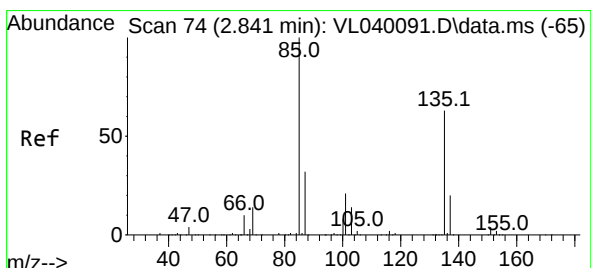
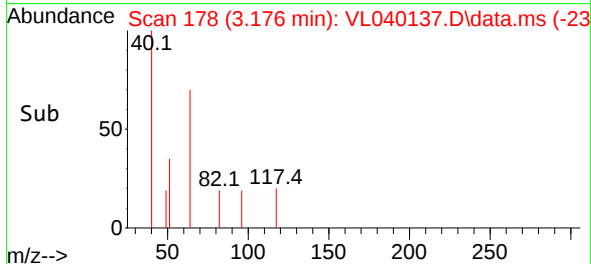
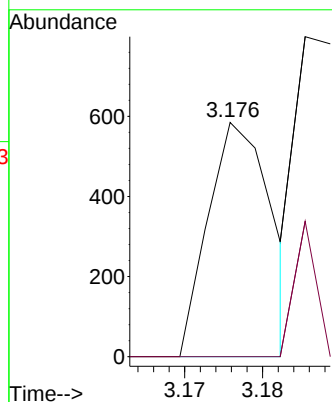
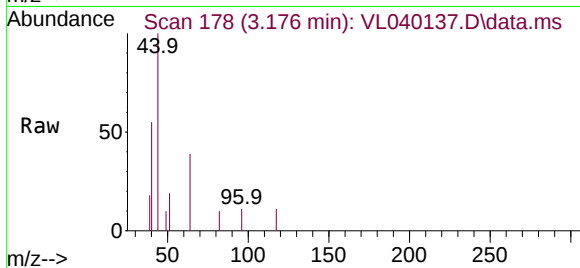




#7
Chloroethane
Concen: 0.017 ppbv
RT: 3.176 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

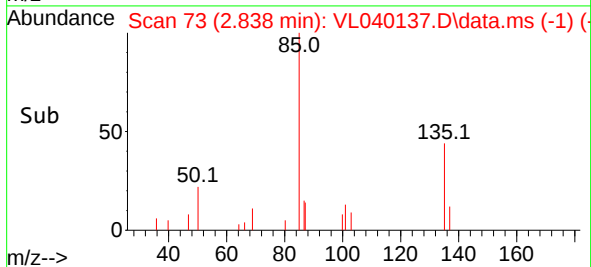
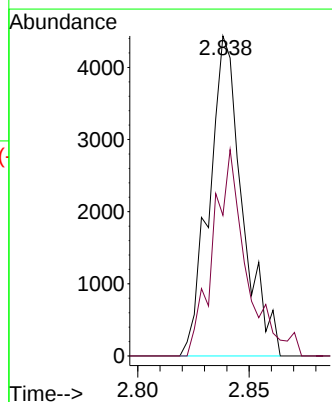
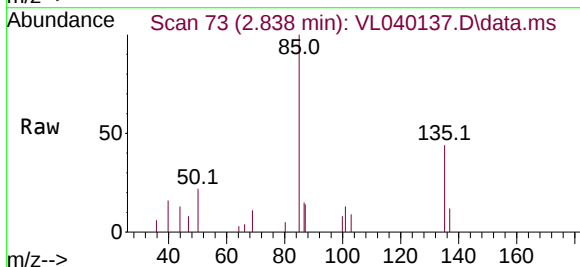
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MSVOA_L
ClientSampleId :

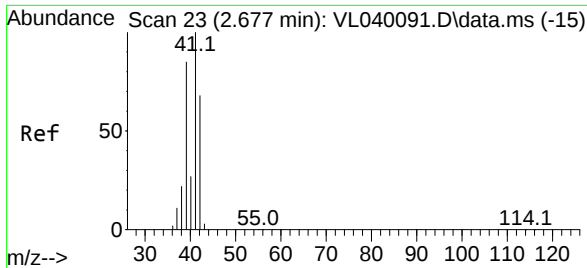
Tgt Ion: 64 Resp: 330
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#8
Dichlorotetrafluoroethane
Concen: 0.035 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.000 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Tgt Ion: 85 Resp: 4622
Ion Ratio Lower Upper
85 100
135 64.6 51.4 77.2

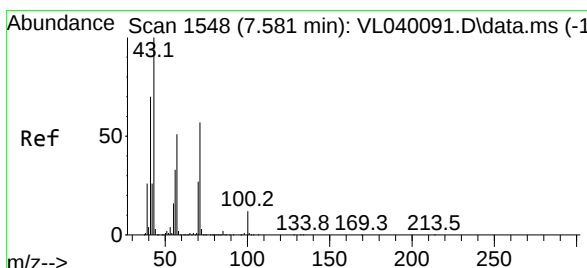
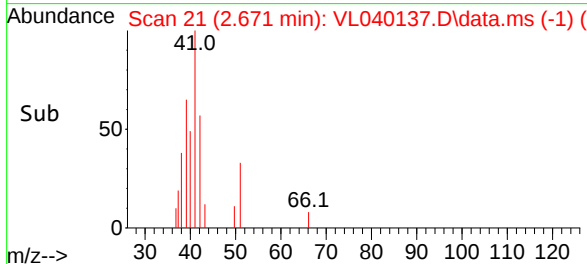
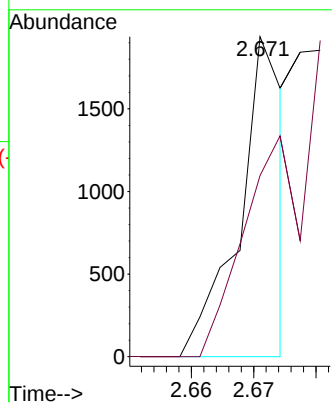
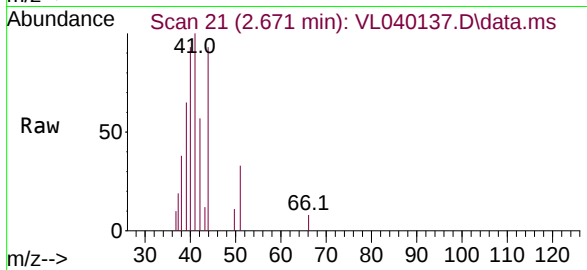




#9
 Propene
 Concen: 0.024 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VL040137.D
 Acq: 30 Jan 2023 17:45

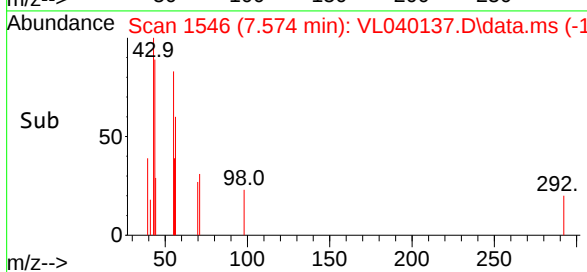
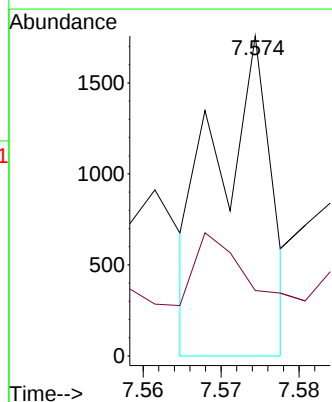
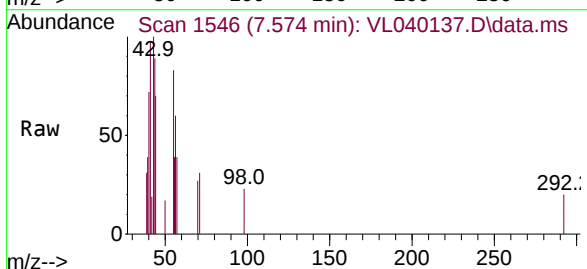
Instrument :
 MSVOA_L
 ClientSampleId :

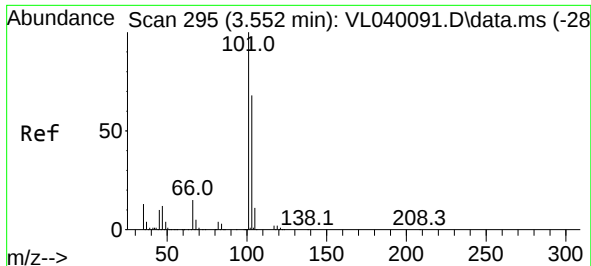
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 Ion Ratio Lower Upper
 41 100
 42 0.0 55.6 83.4#



#10
 Heptane
 Concen: 0.009 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. 0.007 min
 Lab File: VL040137.D
 Acq: 30 Jan 2023 17:45

Tgt Ion: 43 Resp: 866
 Ion Ratio Lower Upper
 43 100
 57 135.8 40.9 61.3#

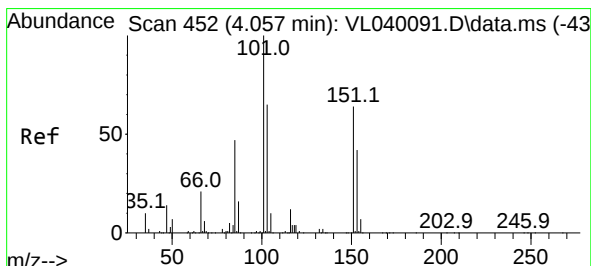
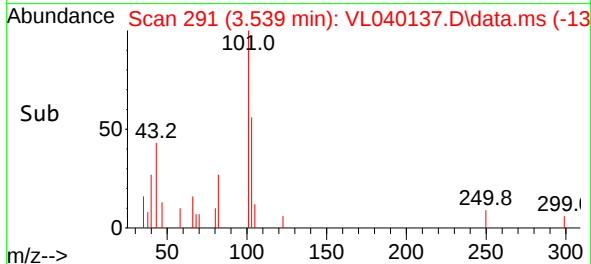
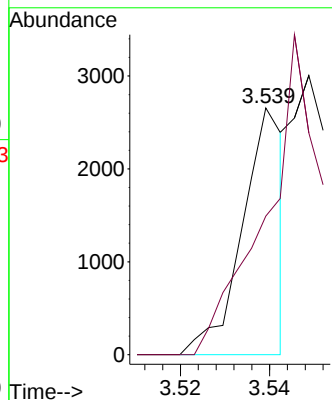
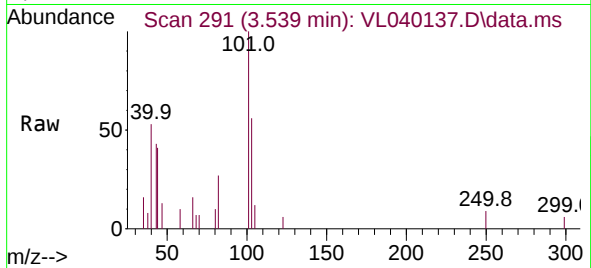




#11
 Trichlorofluoromethane
 Concen: 0.012 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. -0.006 min
 Lab File: VL040137.D
 Acq: 30 Jan 2023 17:45

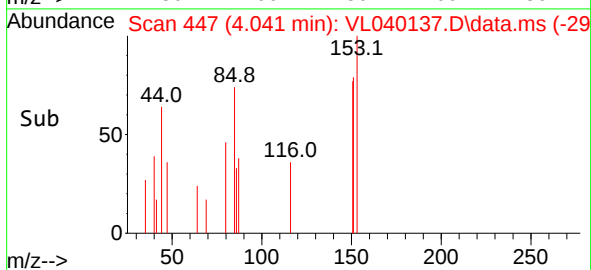
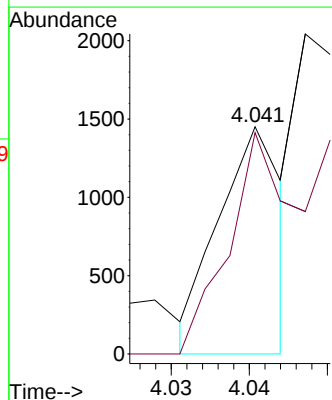
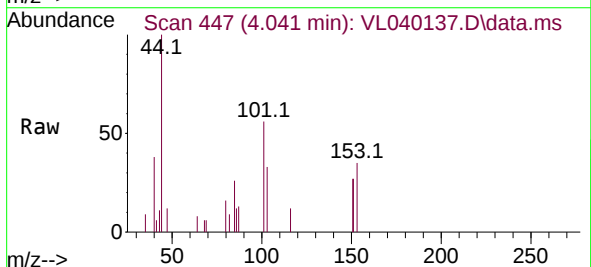
Instrument :
 MSVOA_L
 ClientSampleId :

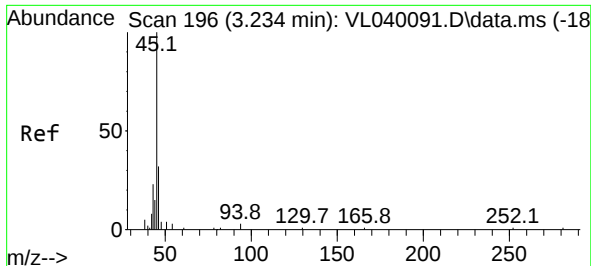
Tgt Ion:101 Resp: 1701
 Ion Ratio Lower Upper
 101 100
 103 56.2 54.0 81.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.008 ppbv
 RT: 4.041 min Scan# 447
 Delta R.T. -0.006 min
 Lab File: VL040137.D
 Acq: 30 Jan 2023 17:45

Tgt Ion:101 Resp: 819
 Ion Ratio Lower Upper
 101 100
 151 0.0 53.2 79.8#

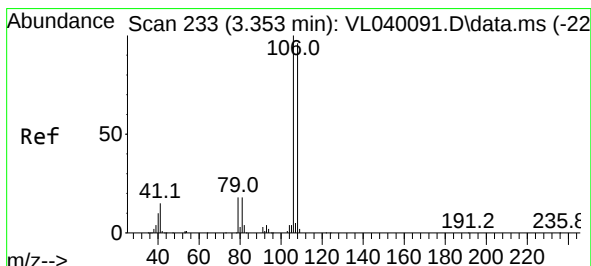
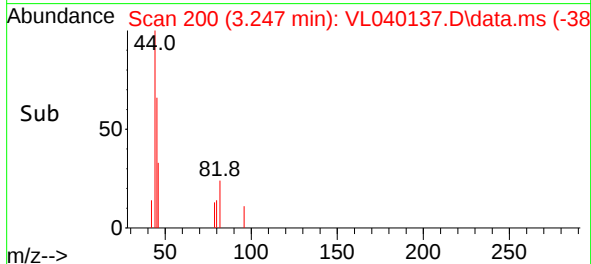
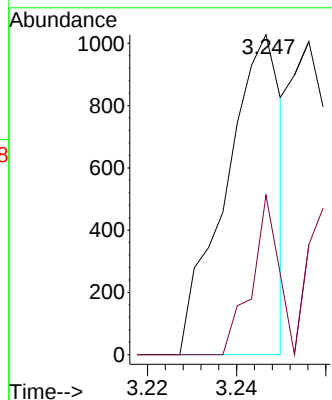
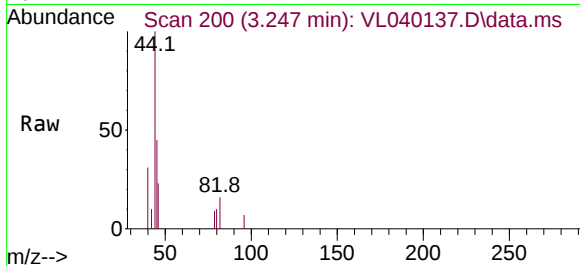




#13
Ethanol
Concen: 0.244 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.019 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

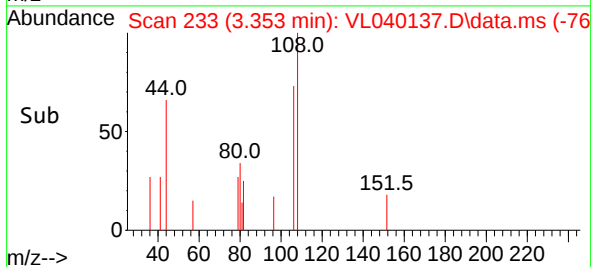
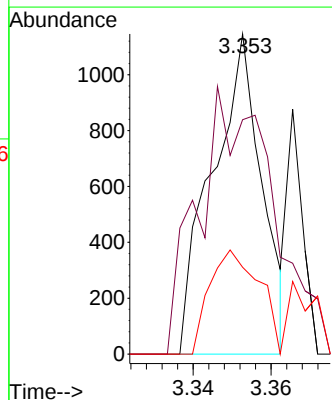
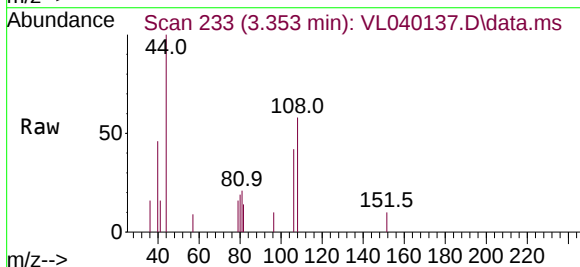
Instrument :
MSVOA_L
ClientSampleId :

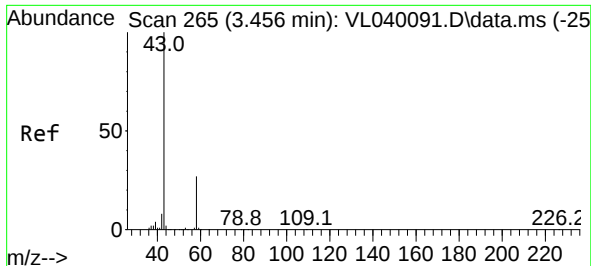
Tgt Ion: 45 Resp: 889
Ion Ratio Lower Upper
45 100
46 61.4 14.8 59.2#



#14
Bromoethene
Concen: 0.026 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Tgt Ion: 108 Resp: 1018
Ion Ratio Lower Upper
108 100
106 131.9 87.0 130.6#
79 49.0 16.1 24.1#

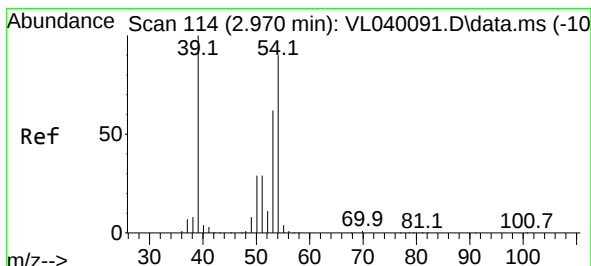
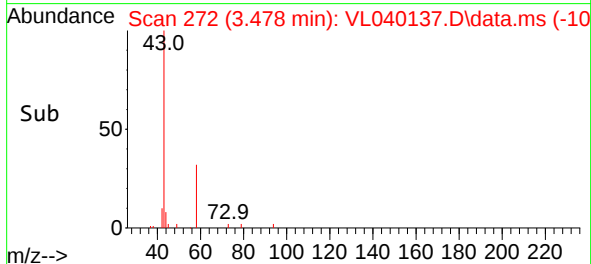
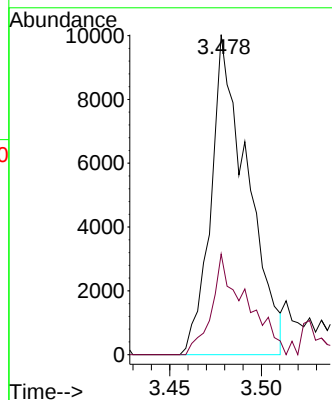
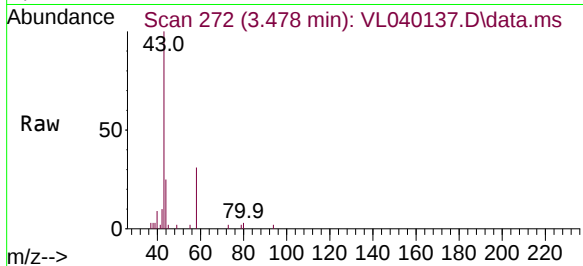




#15
Acetone
Concen: 0.146 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

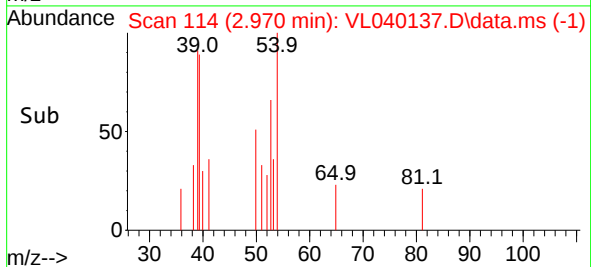
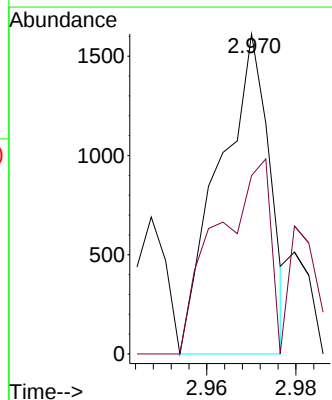
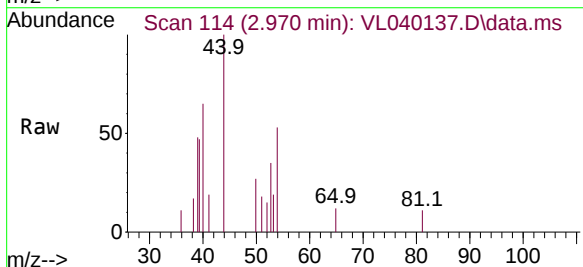
Instrument :
MSVOA_L
ClientSampleId :

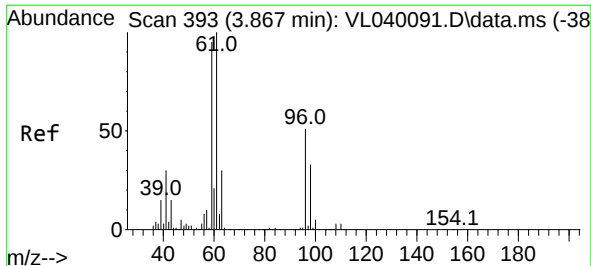
Tgt Ion: 43 Resp: 13907
Ion Ratio Lower Upper
43 100
58 30.3 21.8 32.8



#16
1,3-Butadiene
Concen: 0.028 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Tgt Ion: 39 Resp: 1263
Ion Ratio Lower Upper
39 100
54 88.4 67.9 101.9





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.864 min Scan# 392

Delta R.T. 0.003 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

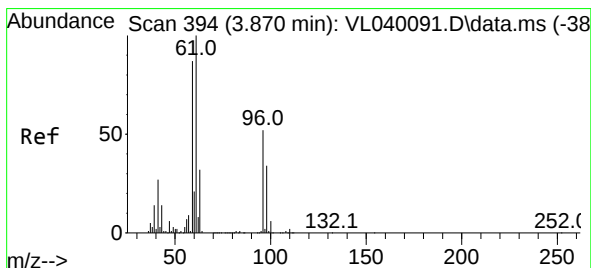
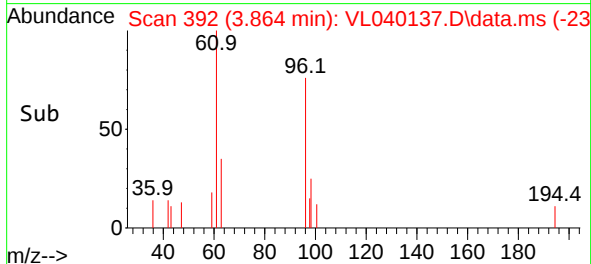
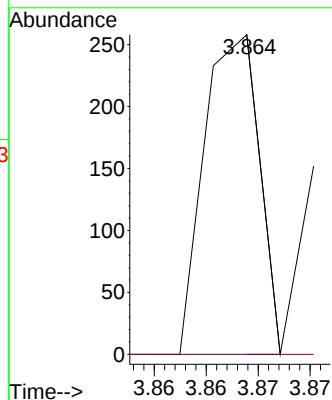
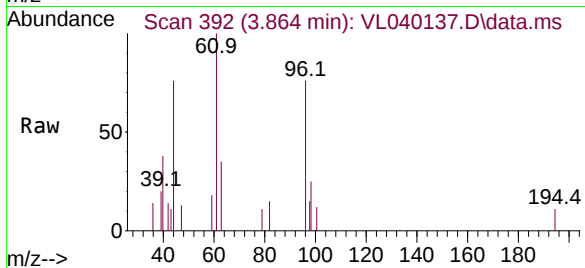
ClientSampleId :

Tgt Ion: 59 Resp: 95

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#18

1,1-Dichloroethene

Concen: 0.036 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.003 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

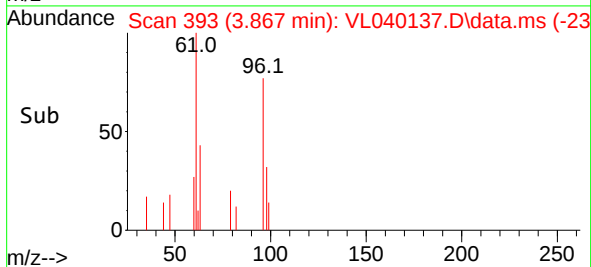
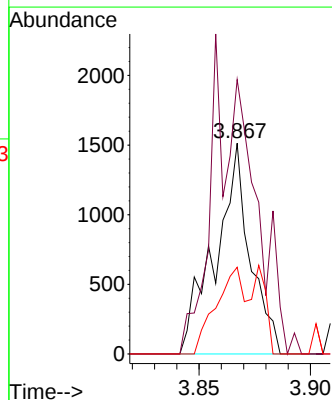
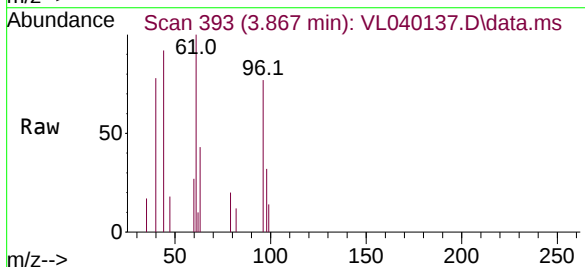
Tgt Ion: 96 Resp: 1646

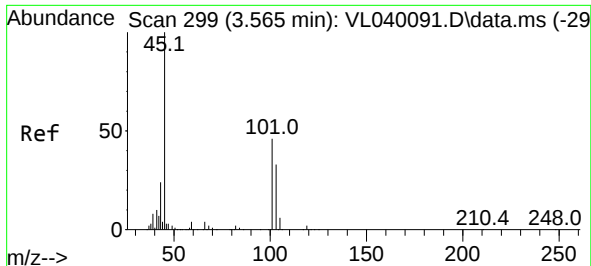
Ion Ratio Lower Upper

96 100

61 130.3 153.0 229.4#

98 41.2 52.7 79.1#





#19

Isopropyl Alcohol

Concen: 0.012 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.023 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

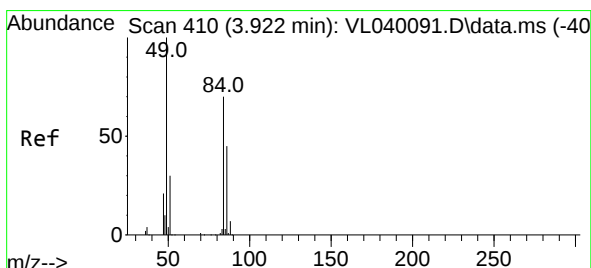
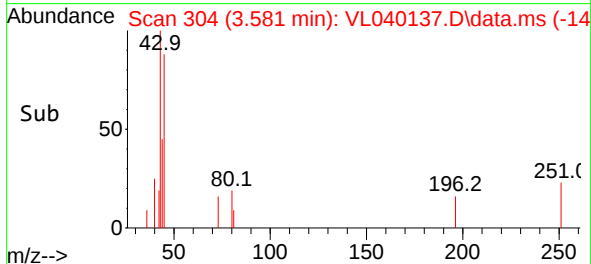
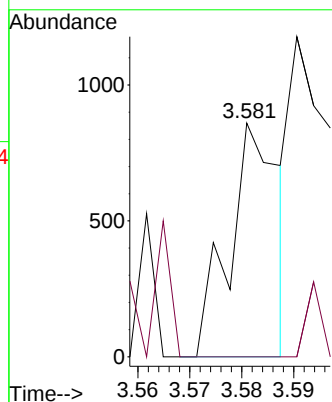
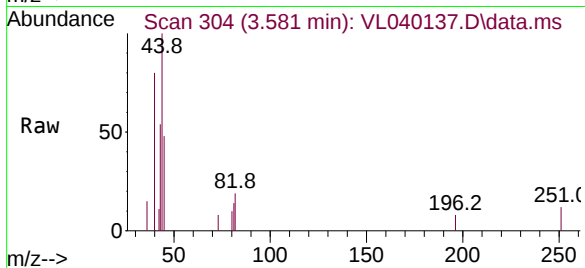
ClientSampleId :

Tgt Ion: 45 Resp: 569

Ion Ratio Lower Upper

45 100

58 155.9 2.6 4.0#



#20

Methylene Chloride

Concen: 0.112 ppbv

RT: 3.922 min Scan# 410

Delta R.T. 0.007 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Tgt Ion: 84 Resp: 4734

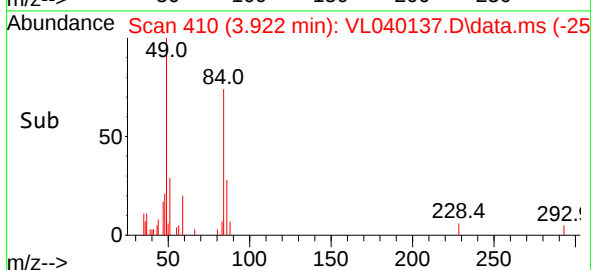
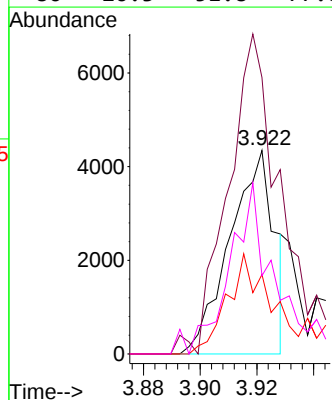
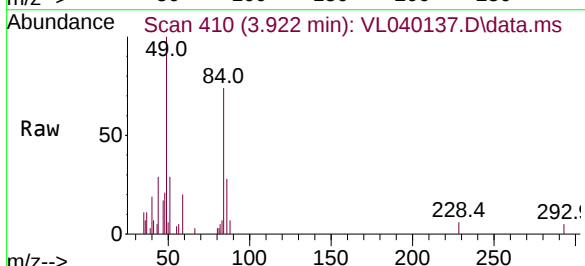
Ion Ratio Lower Upper

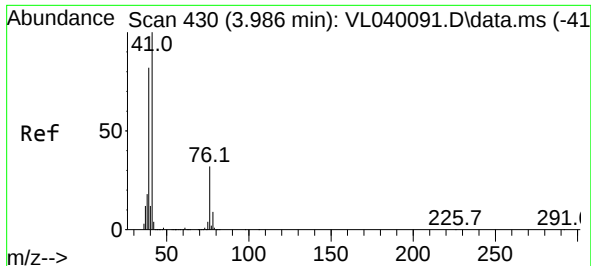
84 100

49 126.6 114.6 171.8

51 39.1 34.3 51.5

86 26.3 51.8 77.8#





#21

Allyl Chloride

Concen: 0.020 ppbv

RT: 3.983 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040137.D

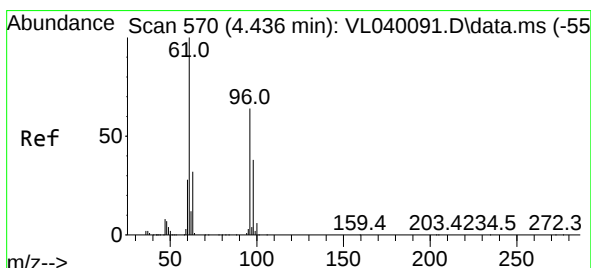
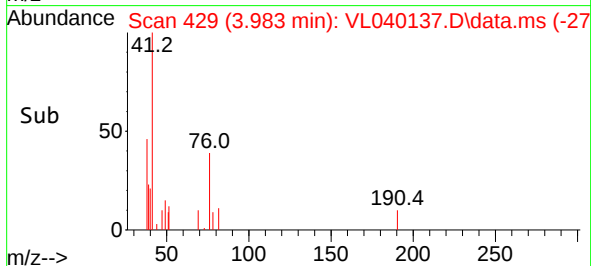
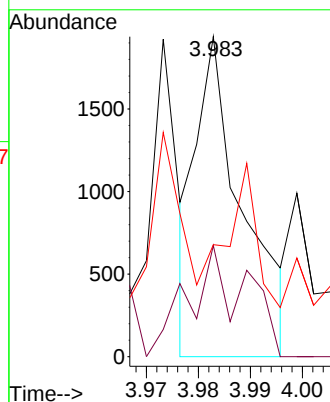
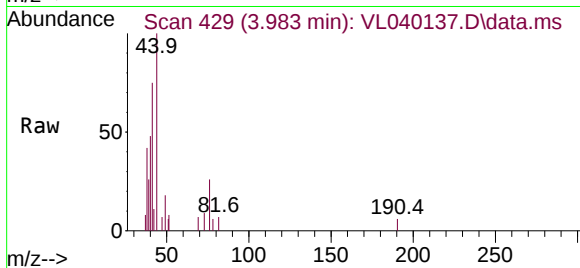
Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 41	Resp: 1210
Ion Ratio	Lower Upper
41	100
76	49.2 25.9 38.9#
39	0.0 66.8 100.2#



#22

trans-1,2-Dichloroethene

Concen: 0.023 ppbv

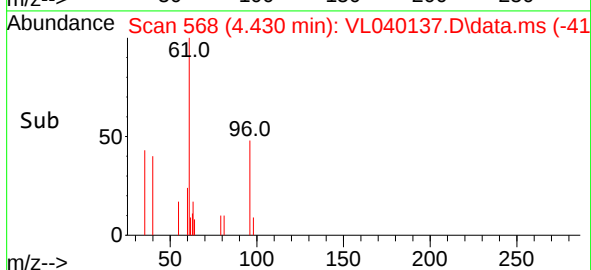
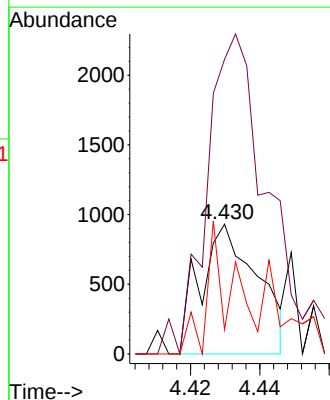
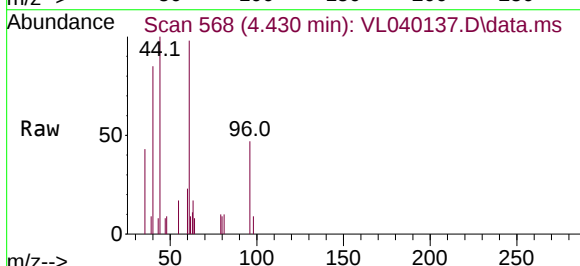
RT: 4.430 min Scan# 568

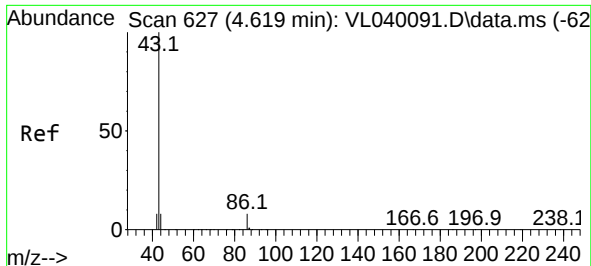
Delta R.T. 0.000 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Tgt Ion: 96	Resp: 1058
Ion Ratio	Lower Upper
96	100
61	227.0 125.8 188.8#
98	18.8 47.4 71.2#



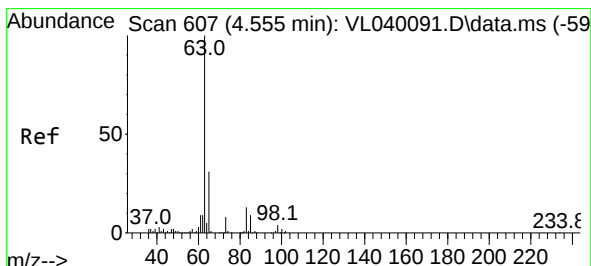
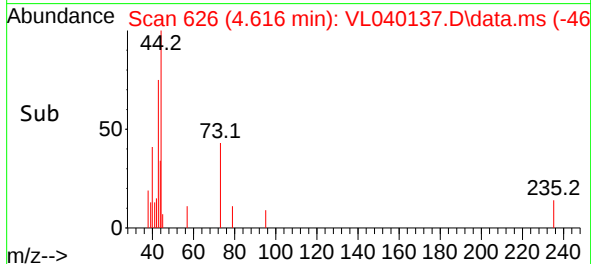
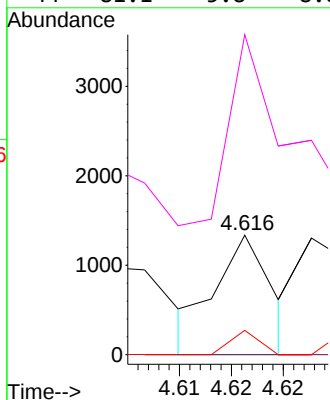
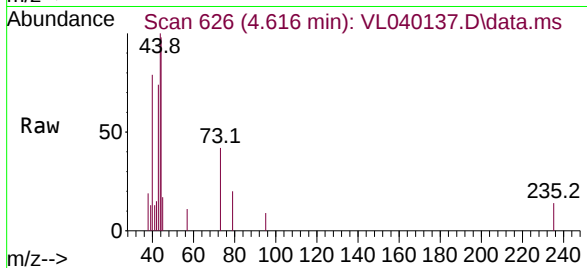


#23
 Vinyl Acetate
 Concen: 0.016 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040137.D
 Acq: 30 Jan 2023 17:45

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 497

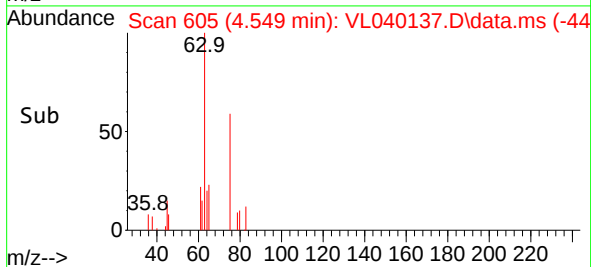
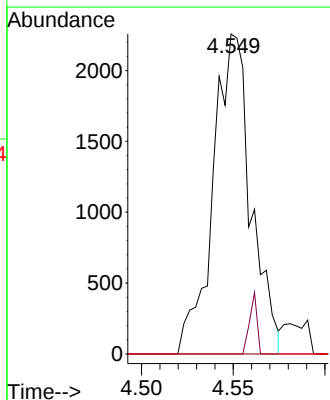
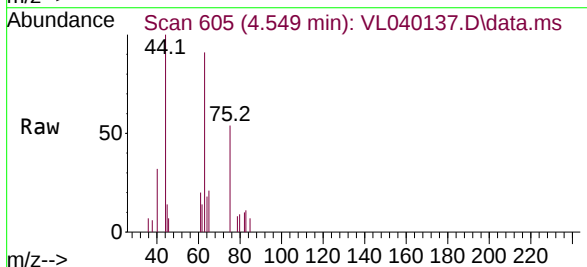
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.6	8.4#
42	10.3	7.7	11.5
44	81.1	5.8	8.8#

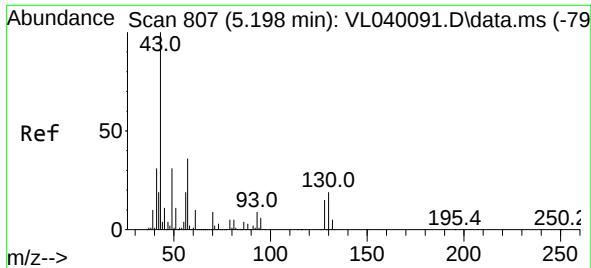


#24
 1,1-Dichloroethane
 Concen: 0.035 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VL040137.D
 Acq: 30 Jan 2023 17:45

Tgt Ion: 63 Resp: 3243

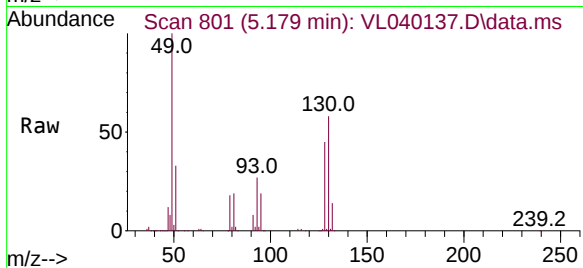
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.0	5.8#
100	0.0	1.1	3.5#



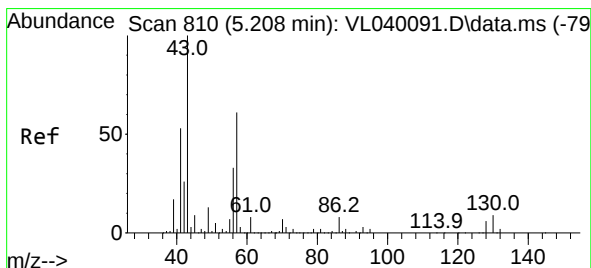
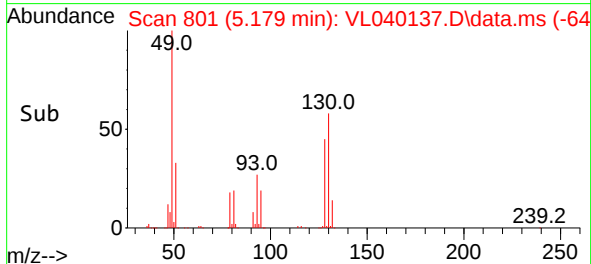
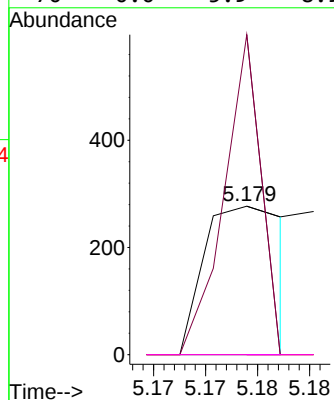


#25
Ethyl Acetate
Concen: 0.001 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.010 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Instrument :
MSVOA_L
ClientSampleId :

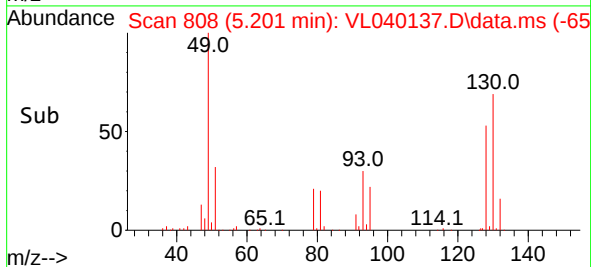
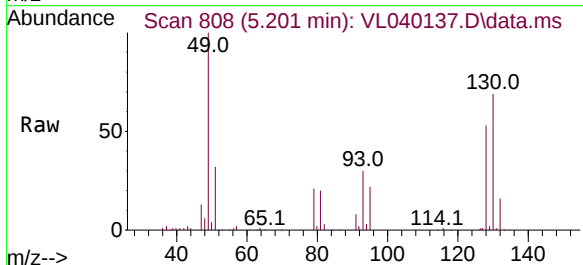
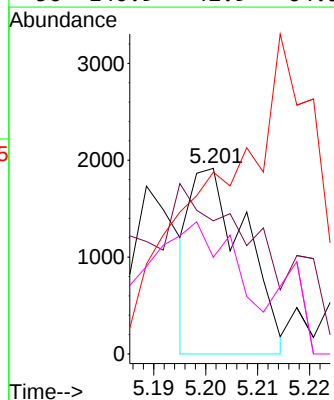


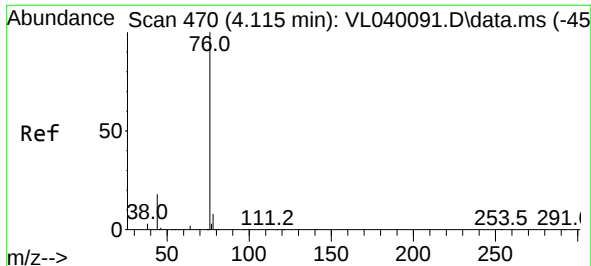
Tgt Ion: 43	Resp: 153
Ion Ratio	Lower Upper
43 100	
45 95.4	8.5 12.7#
61 0.0	8.4 12.6#
70 0.0	5.9 8.9#



#26
Hexane
Concen: 0.019 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

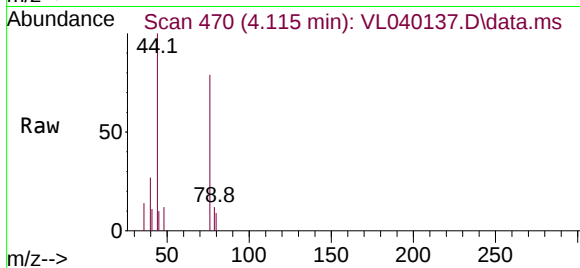
Tgt Ion: 57	Resp: 1400
Ion Ratio	Lower Upper
57 100	
41 238.6	72.2 108.4#
43 0.0	192.1 288.1#
56 140.9	42.9 64.3#



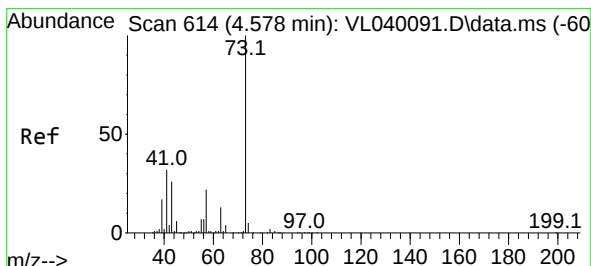
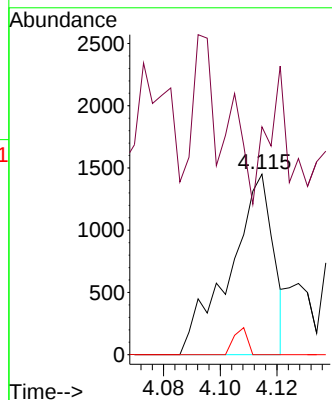
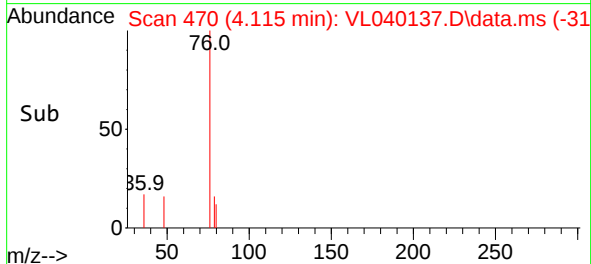


#27
Carbon Disulfide
Concen: 0.016 ppbv
RT: 4.115 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Instrument :
MSVOA_L
ClientSampleId :

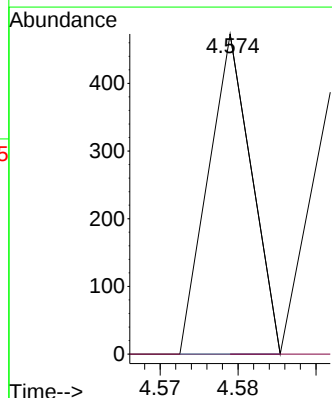
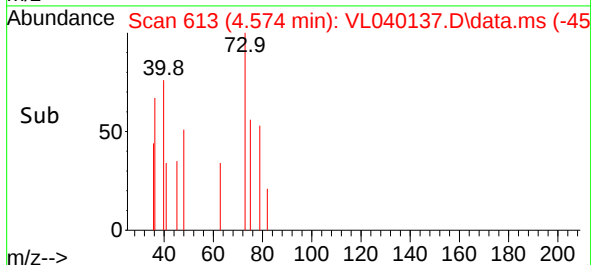
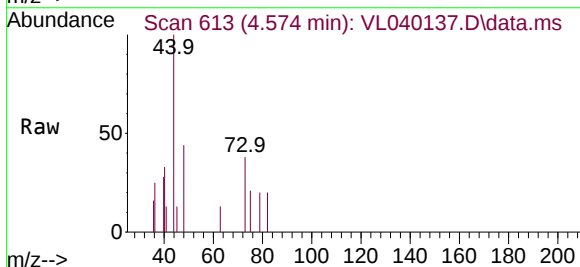


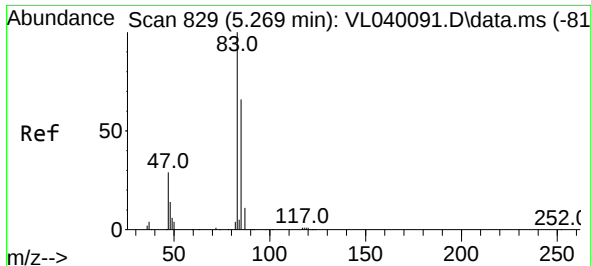
Tgt Ion: 76 Resp: 1545
Ion Ratio Lower Upper
76 100
44 92.6 14.9 22.3#
78 4.7 8.2 12.2#



#28
Methyl tert-Butyl Ether
Concen: 0.001 ppbv
RT: 4.574 min Scan# 613
Delta R.T. 0.007 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Tgt Ion: 73 Resp: 91
Ion Ratio Lower Upper
73 100
57 0.0 18.3 27.5#





#29

Chloroform

Concen: 0.013 ppbv

RT: 5.246 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

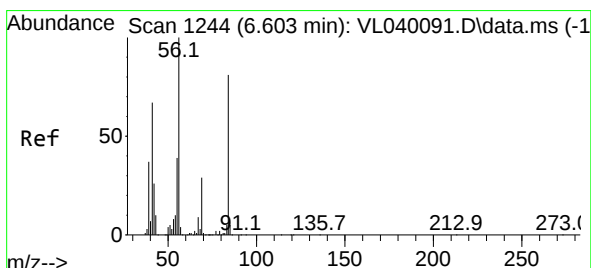
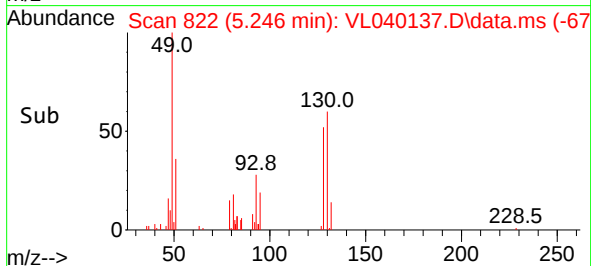
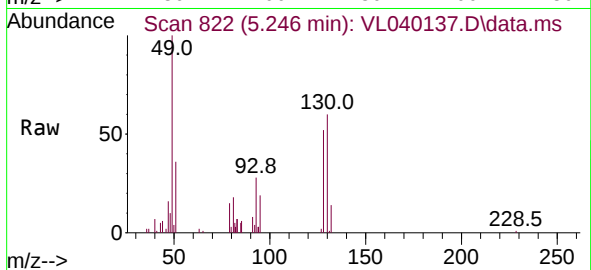
ClientSampleId :

Tgt Ion: 83 Resp: 1506

Ion Ratio Lower Upper

83 100

85 69.9 53.1 79.7



#30

Cyclohexane

Concen: 0.015 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

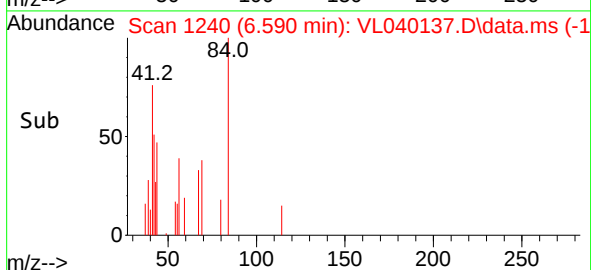
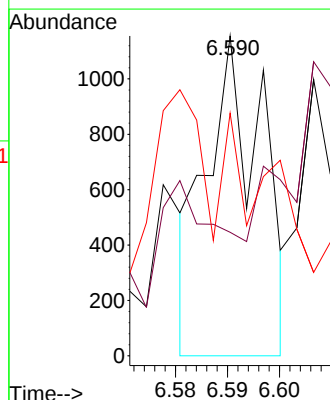
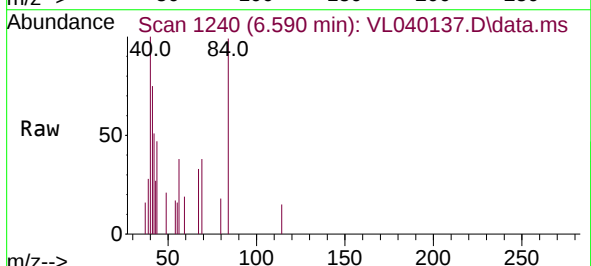
Tgt Ion: 84 Resp: 849

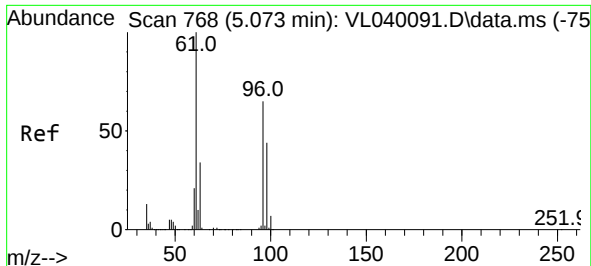
Ion Ratio Lower Upper

84 100

56 0.0 111.5 167.3#

41 0.0 71.4 107.0#

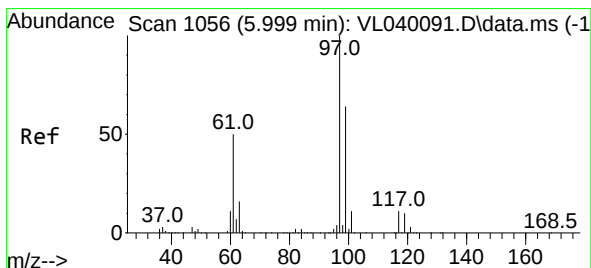
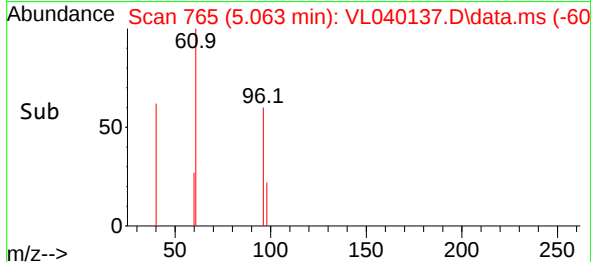
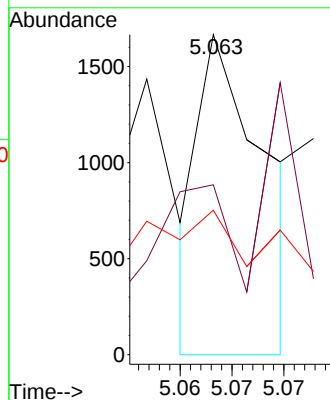
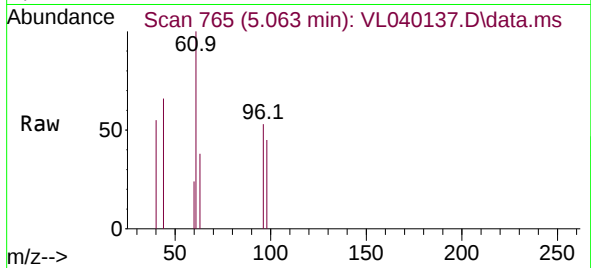




#31
 cis-1,2-Dichloroethene
 Concen: 0.010 ppbv
 RT: 5.063 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VL040137.D
 Acq: 30 Jan 2023 17:45

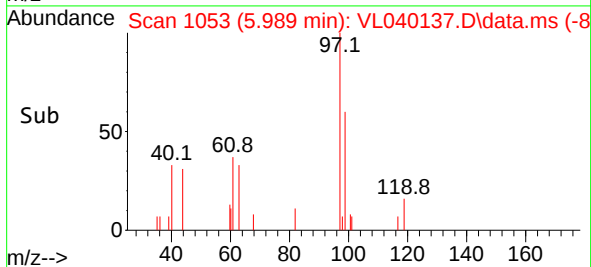
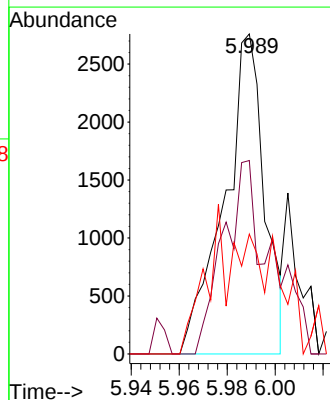
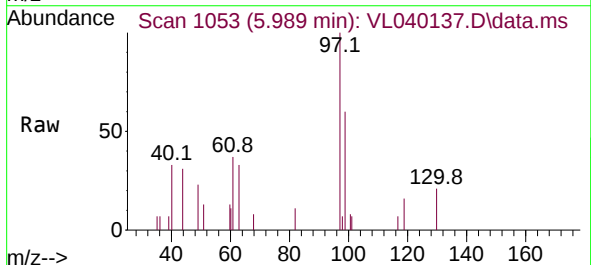
Instrument :
 MSVOA_L
 ClientSampleId :

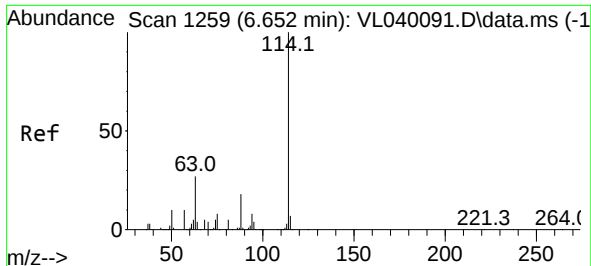
Tgt Ion: 61 Resp: 731
 Ion Ratio Lower Upper
 61 100
 96 3.8 52.0 78.0#
 98 15.7 35.3 52.9#



#32
 1,1,1-Trichloroethane
 Concen: 0.027 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VL040137.D
 Acq: 30 Jan 2023 17:45

Tgt Ion: 97 Resp: 3214
 Ion Ratio Lower Upper
 97 100
 99 77.3 51.8 77.6
 61 66.5 40.4 60.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

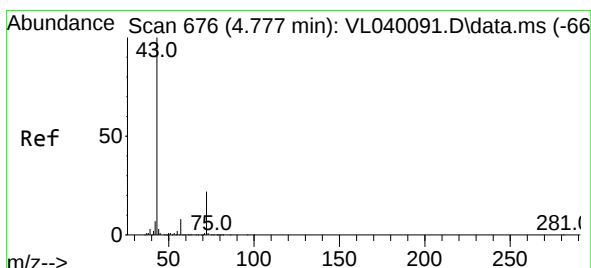
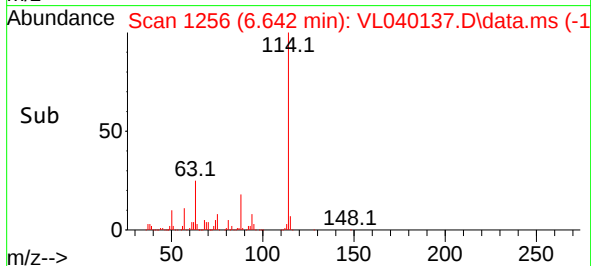
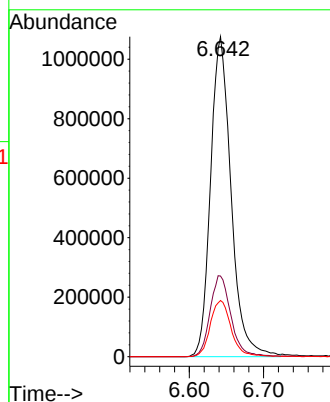
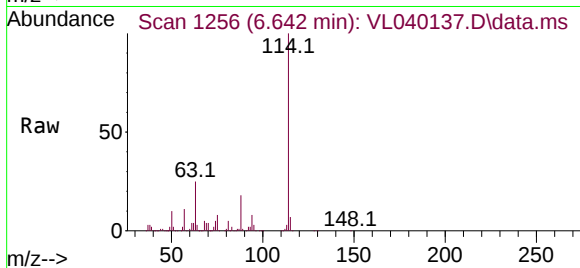
Tgt Ion:114 Resp: 2063895

Ion Ratio Lower Upper

114 100

63 25.9 21.8 32.8

88 18.0 14.8 22.2



#34

2-Butanone

Concen: 0.002 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.010 min

Lab File: VL040137.D

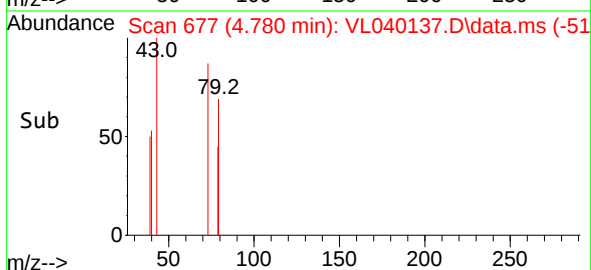
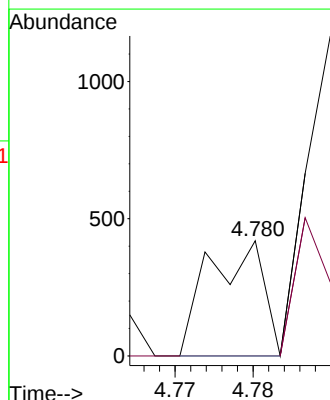
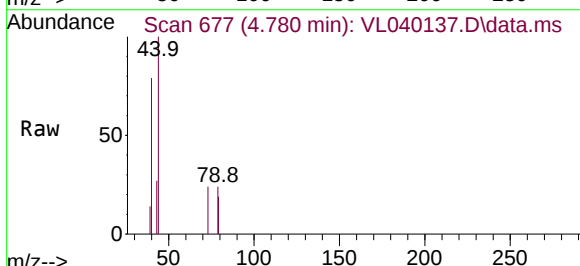
Acq: 30 Jan 2023 17:45

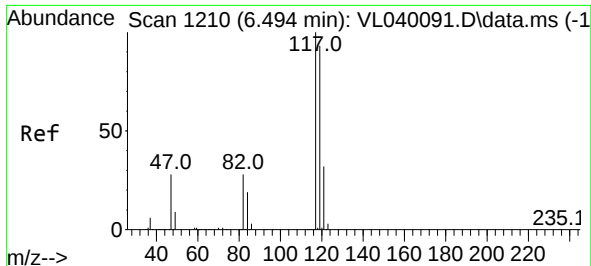
Tgt Ion: 43 Resp: 204

Ion Ratio Lower Upper

43 100

72 0.0 18.4 27.6#

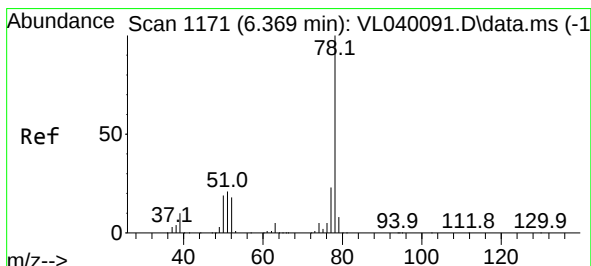
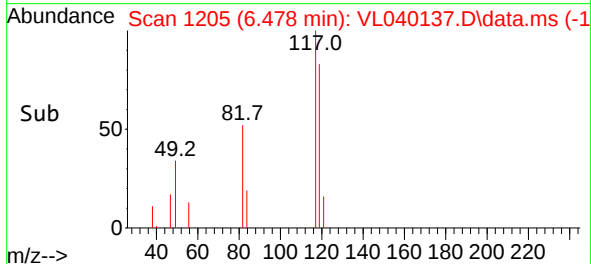
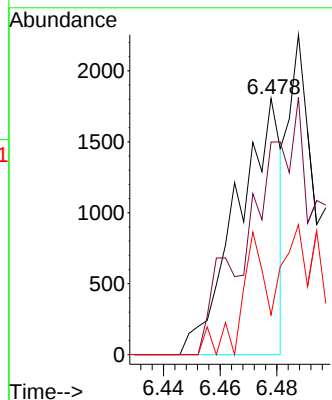
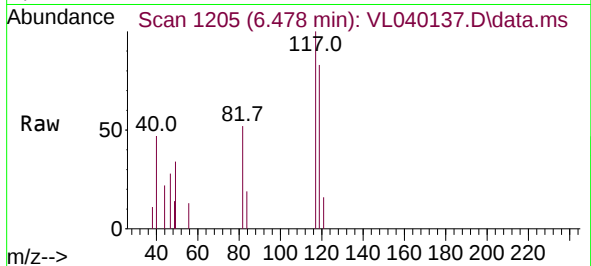




#35
Carbon Tetrachloride
Concen: 0.017 ppbv
RT: 6.478 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

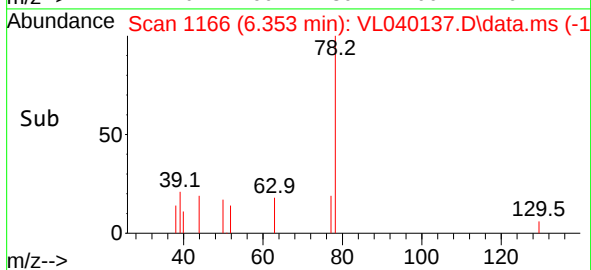
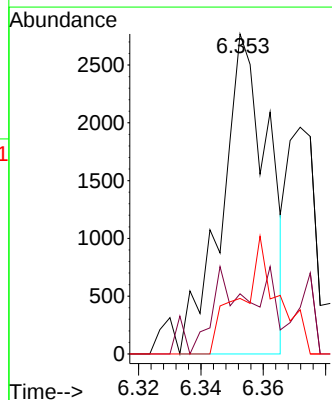
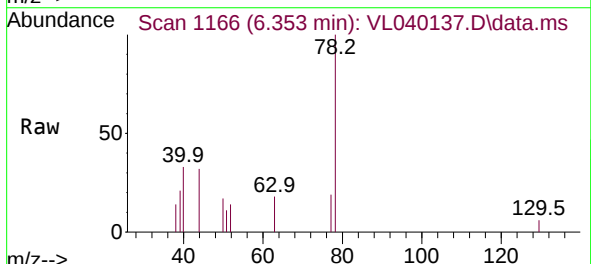
Instrument :
MSVOA_L
ClientSampleId :

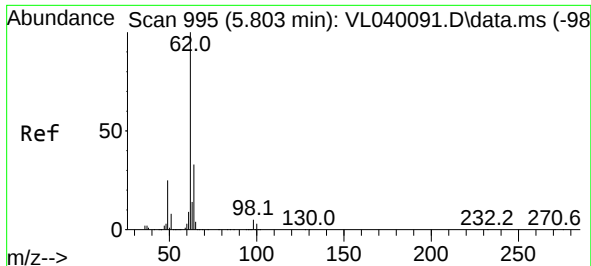
Tgt Ion:117 Resp: 1937
Ion Ratio Lower Upper
117 100
119 83.0 74.5 111.7
121 15.6 25.4 38.0#



#36
Benzene
Concen: 0.019 ppbv
RT: 6.353 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Tgt Ion: 78 Resp: 2860
Ion Ratio Lower Upper
78 100
77 11.3 18.1 27.1#
50 15.3 15.6 23.4#

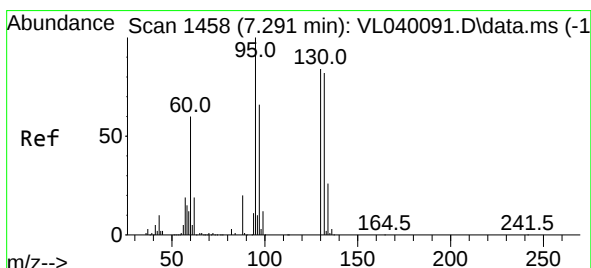
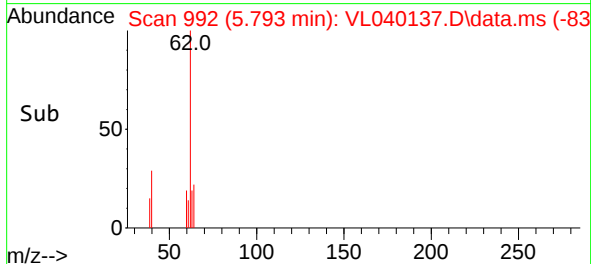
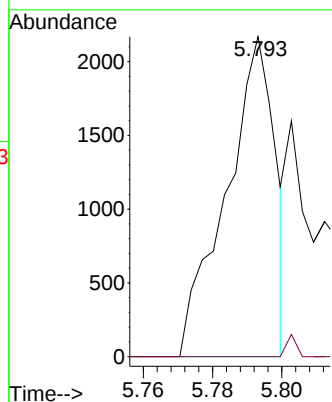
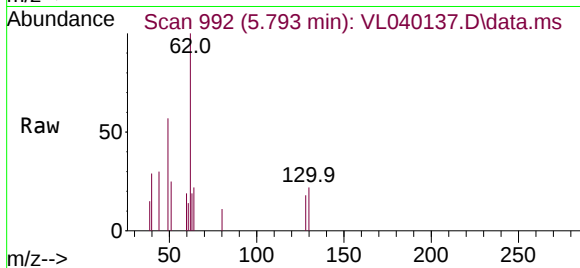




#37
1,2-Dichloroethane
Concen: 0.022 ppbv
RT: 5.793 min Scan# 995
Delta R.T. 0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

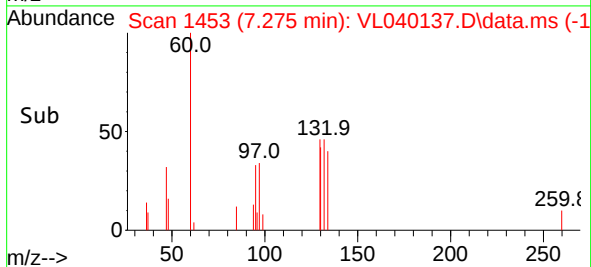
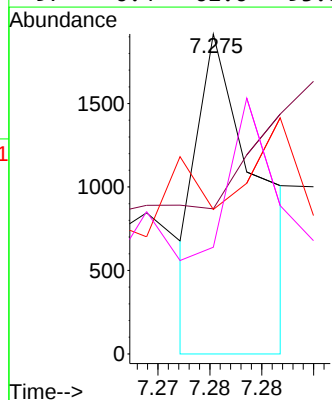
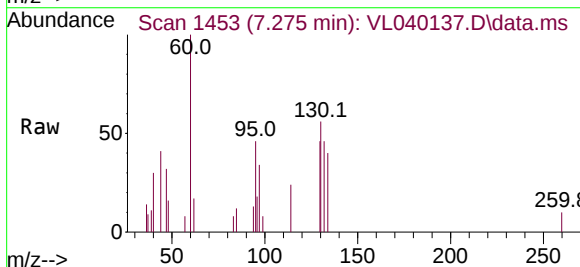
Instrument :
MSVOA_L
ClientSampleId :

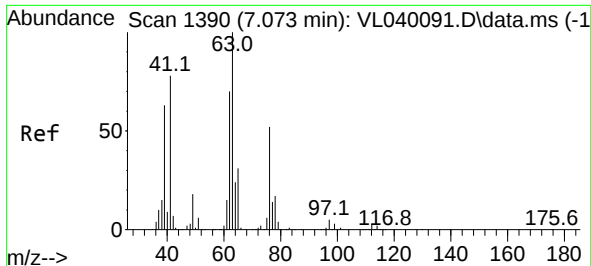
Tgt Ion: 62 Resp: 2133
Ion Ratio Lower Upper
62 100
98 0.0 4.4 6.6#



#38
Trichloroethene
Concen: 0.009 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Tgt Ion:130 Resp: 775
Ion Ratio Lower Upper
130 100
95 0.0 95.0 142.6#
132 0.0 77.9 116.9#
97 6.4 62.6 93.8#





#39

1,2-Dichloropropane

Concen: 8.732 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

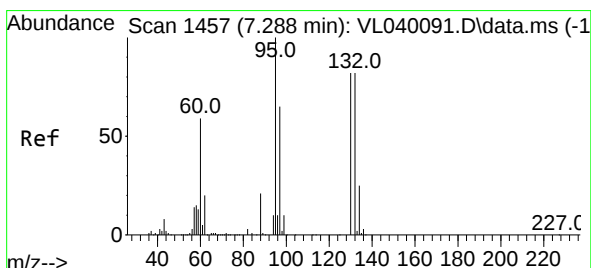
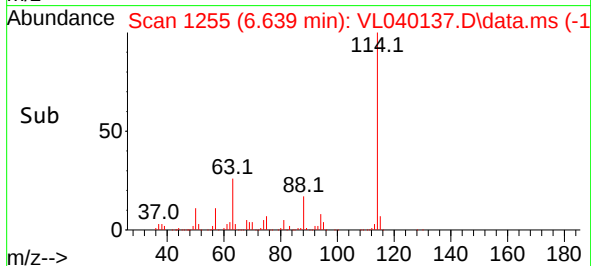
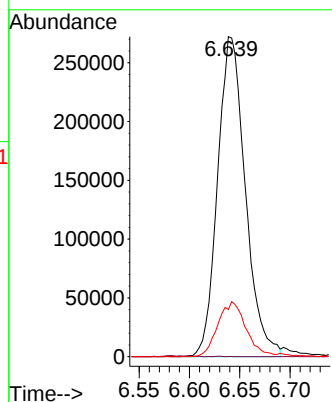
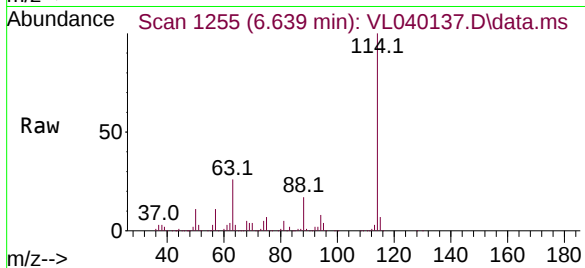
Tgt Ion: 63 Resp: 521660

Ion Ratio Lower Upper

63 100

41 0.1 62.2 93.4#

62 14.8 55.8 83.8#



#40

1,4-Dioxane

Concen: 0.006 ppbv

RT: 7.131 min Scan# 1408

Delta R.T. -0.145 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Tgt Ion: 88 Resp: 133

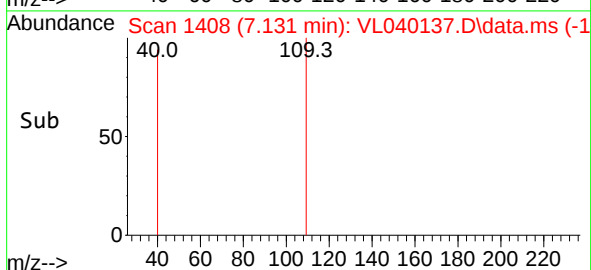
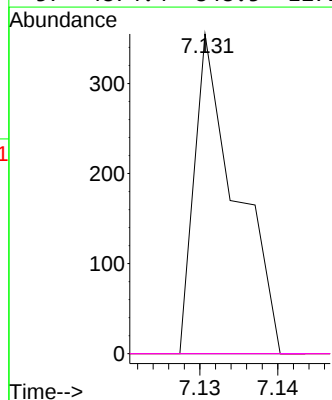
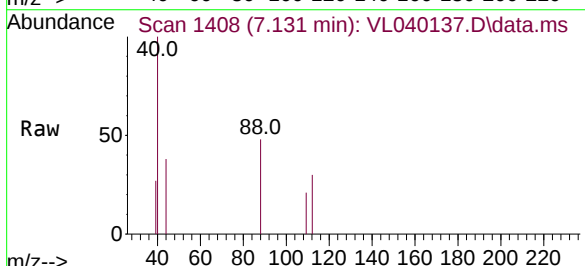
Ion Ratio Lower Upper

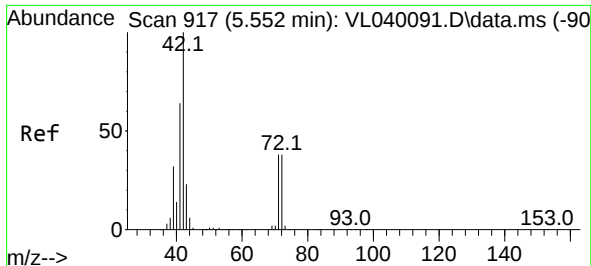
88 100

58 22.6 97.5 146.3#

43 432.3 195.0 292.4#

57 4874.4 848.5 1272.7#





#41

Tetrahydrofuran

Concen: 0.005 ppbv

RT: 5.578 min Scan# 917

Delta R.T. 0.035 min

Lab File: VL040137.D

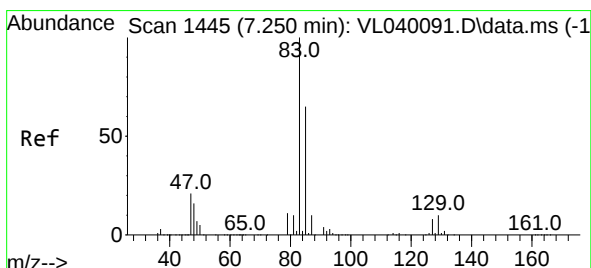
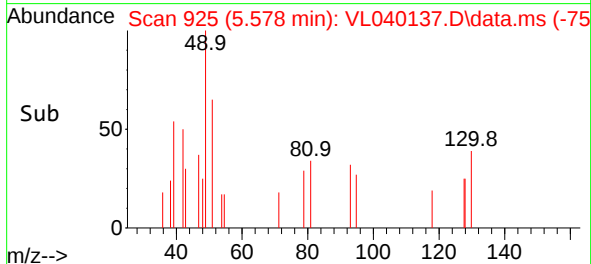
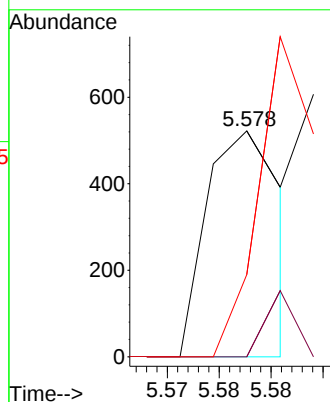
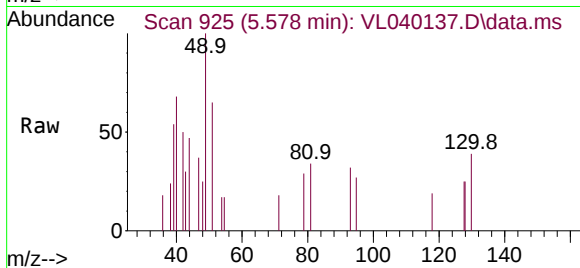
Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	42	Resp:	262
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	238.5	31.4	47.2#



#42

Bromodichloromethane

Concen: 0.004 ppbv

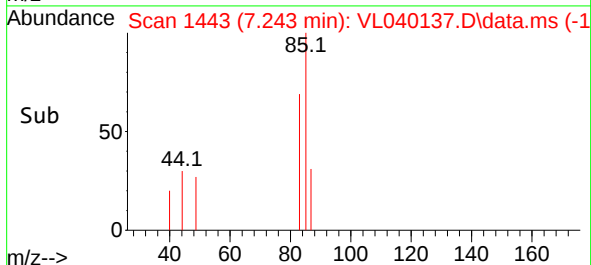
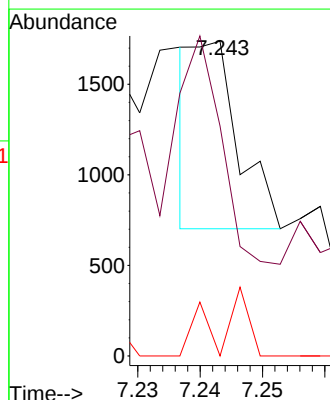
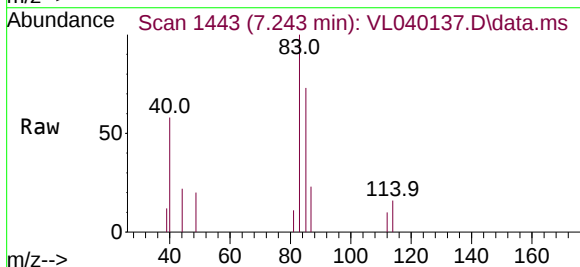
RT: 7.243 min Scan# 1443

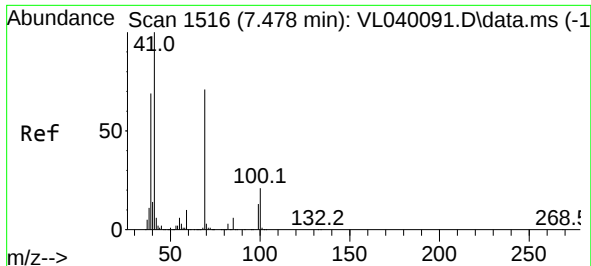
Delta R.T. 0.007 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Tgt Ion:	83	Resp:	523
Ion	Ratio	Lower	Upper
83	100		
85	73.7	51.7	77.5
127	0.0	6.2	9.2#





#43

Methyl Methacrylate

Concen: 0.003 ppbv

RT: 7.465 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

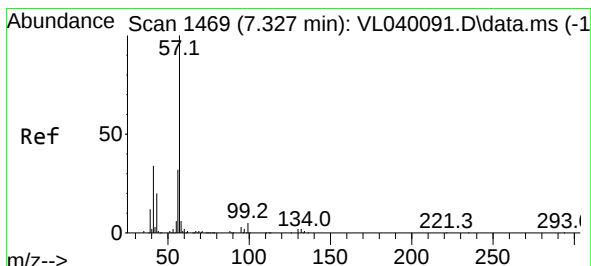
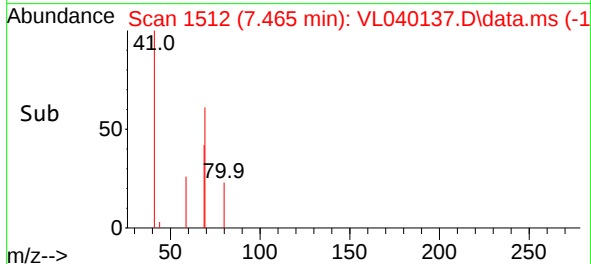
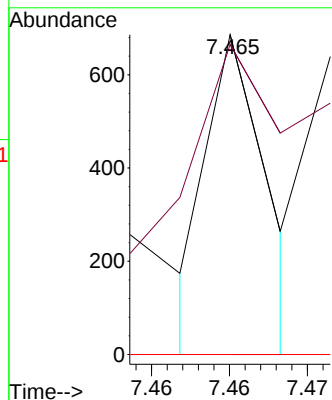
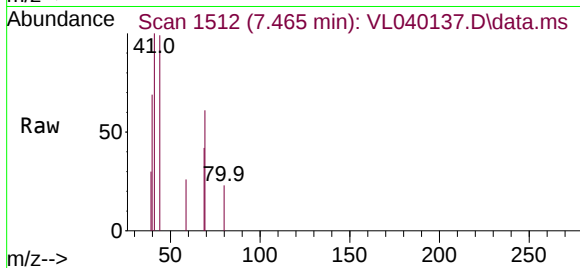
Tgt Ion: 69 Resp: 183

Ion Ratio Lower Upper

69 100

41 0.0 118.2 177.2#

100 0.0 24.2 36.4#



#44

2,2,4-Trimethylpentane

Concen: 0.005 ppbv

RT: 7.314 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

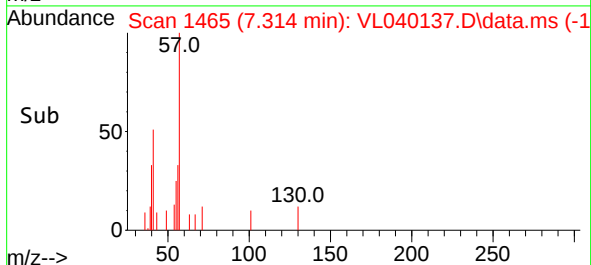
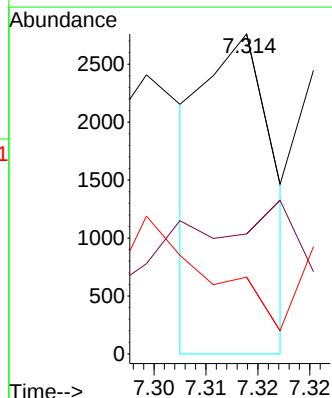
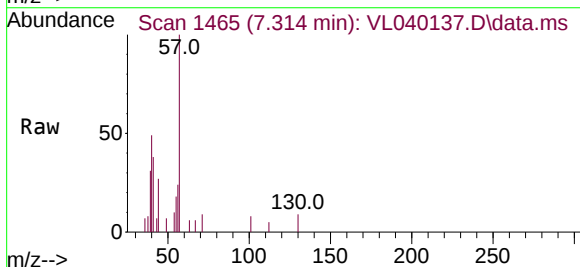
Tgt Ion: 57 Resp: 1279

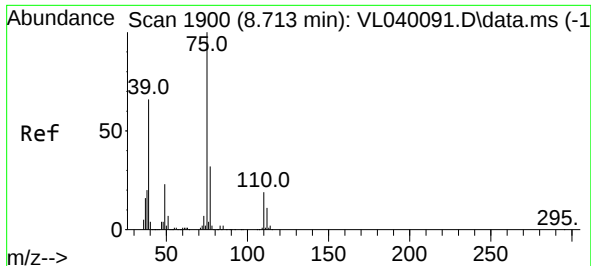
Ion Ratio Lower Upper

57 100

41 183.8 27.1 40.7#

56 0.0 25.0 37.4#





#45

t-1,3-Dichloropropene

Concen: 0.011 ppbv

RT: 8.697 min Scan# 1719

Delta R.T. -0.003 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

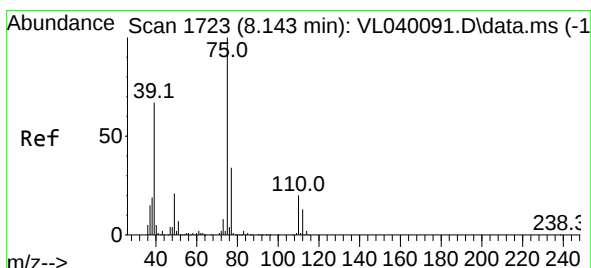
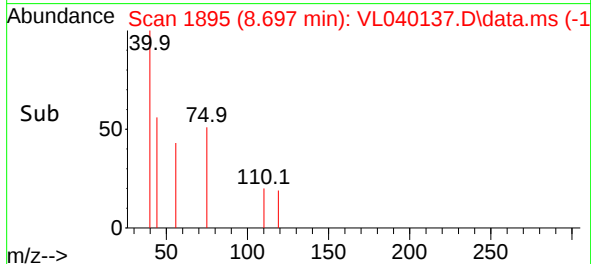
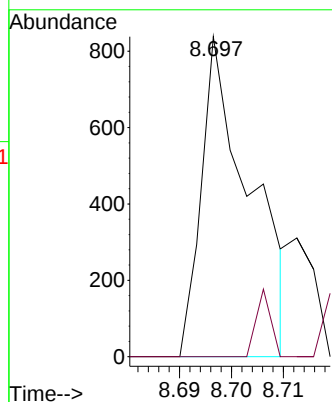
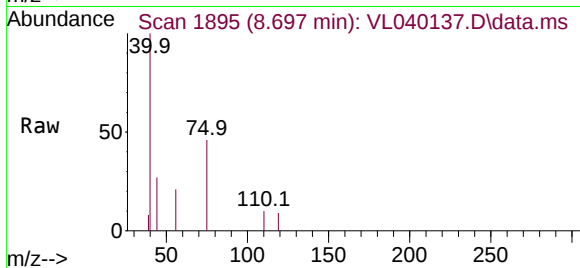
ClientSampleId :

Tgt Ion: 75 Resp: 546

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#



#46

cis-1,3-Dichloropropene

Concen: 0.009 ppbv

RT: 8.131 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

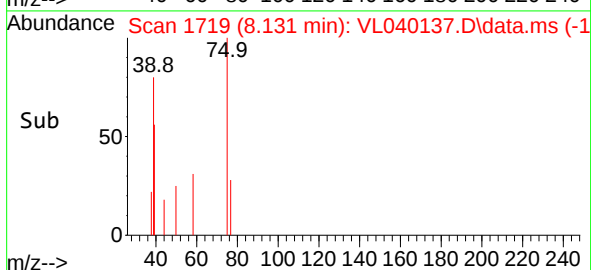
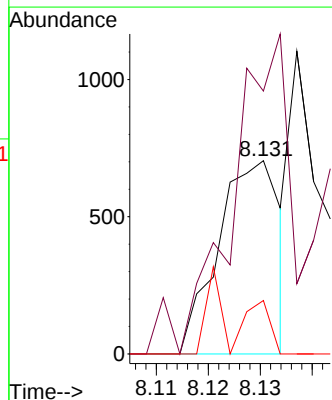
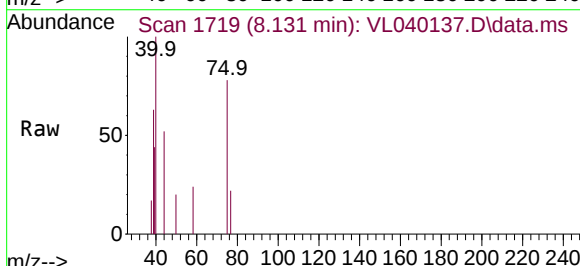
Tgt Ion: 75 Resp: 582

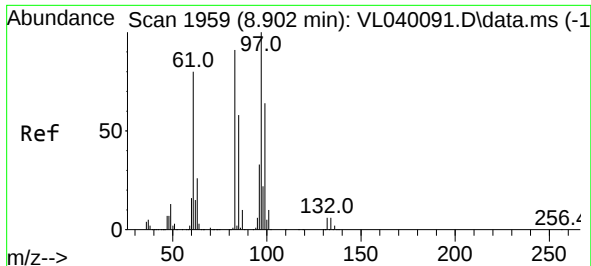
Ion Ratio Lower Upper

75 100

39 136.1 53.6 80.4#

77 27.7 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 0.027 ppbv

RT: 8.886 min Scan# 1959

Delta R.T. 0.000 min

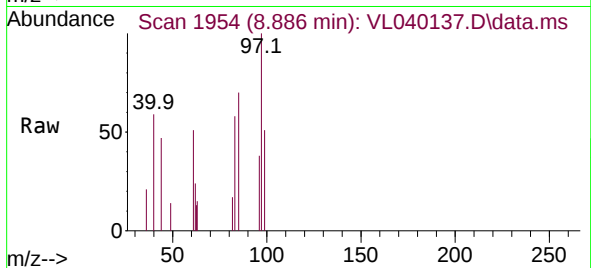
Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 1672

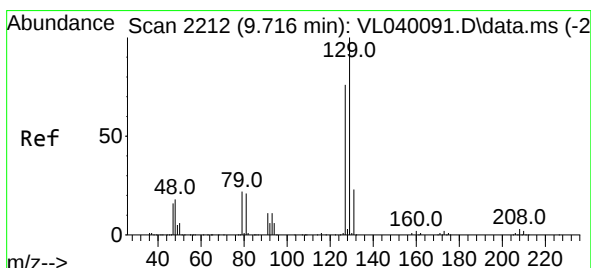
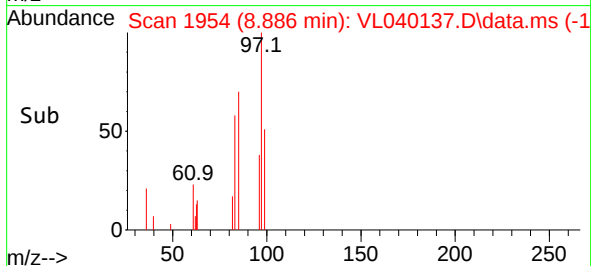
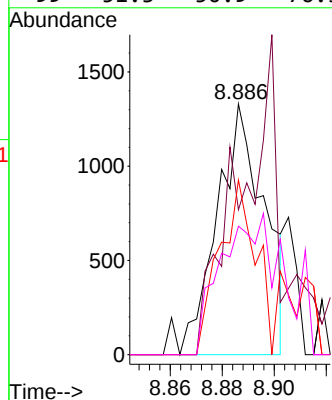
Ion Ratio Lower Upper

97 100

83 57.8 72.9 109.3#

85 69.7 46.0 69.0#

99 51.3 50.9 76.3



#48

Dibromochloromethane

Concen: 0.006 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.006 min

Lab File: VL040137.D

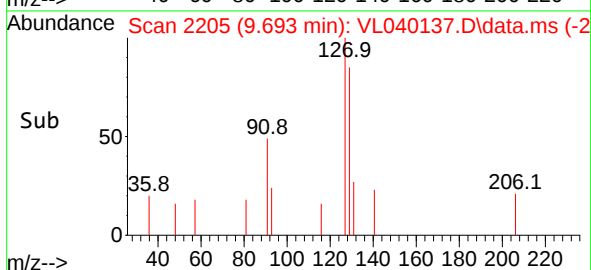
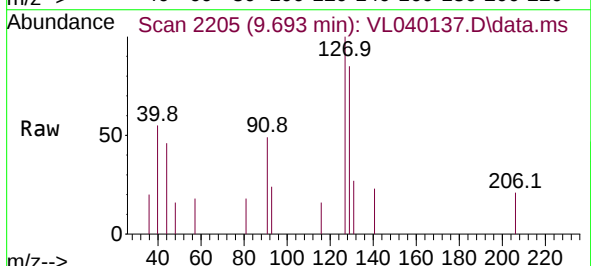
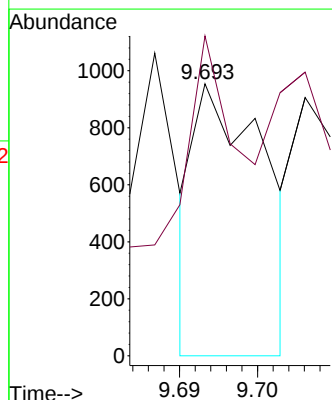
Acq: 30 Jan 2023 17:45

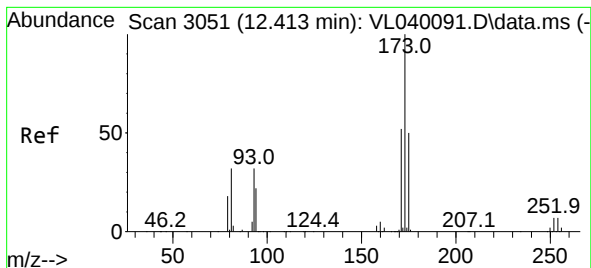
Tgt Ion: 129 Resp: 598

Ion Ratio Lower Upper

129 100

127 301.7 39.3 117.9#





#49

Bromoform

Concen: 0.004 ppbv

RT: 12.391 min Scan# 3051

Delta R.T. -0.006 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

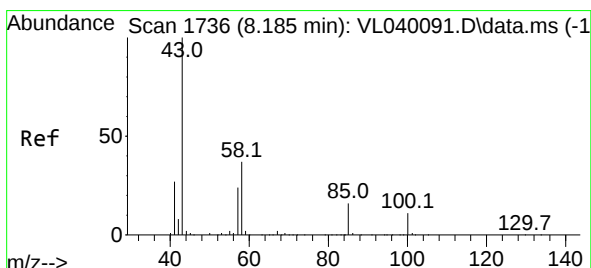
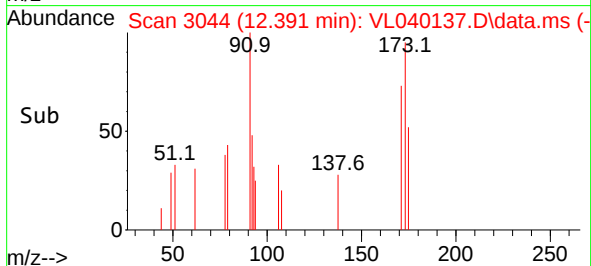
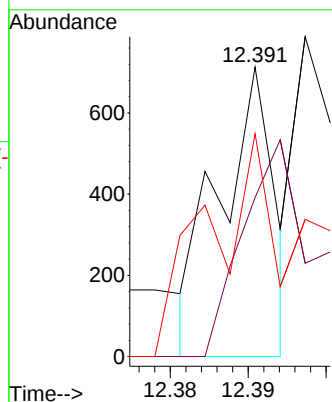
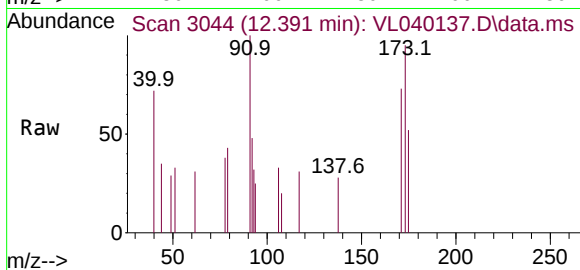
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173 Resp: 350

Ion	Ratio	Lower	Upper
173	100		
175	149.7	39.7	59.5#
171	123.7	42.2	63.2#



#50

4-Methyl-2-Pentanone

Concen: 0.002 ppbv

RT: 8.188 min Scan# 1737

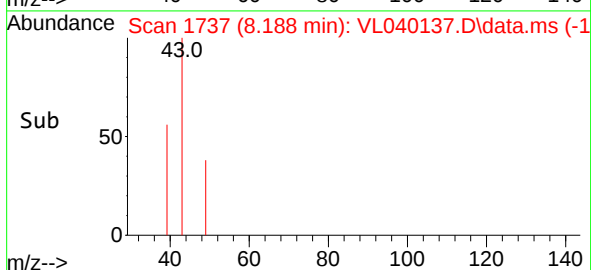
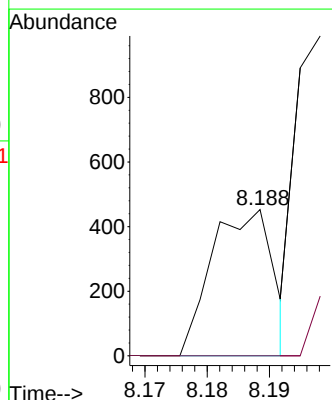
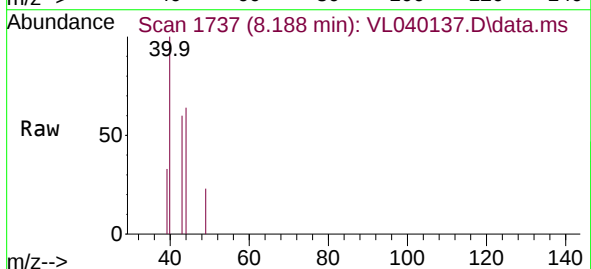
Delta R.T. 0.019 min

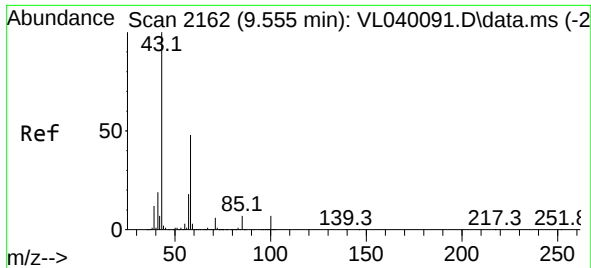
Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Tgt Ion: 43 Resp: 311

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.8	43.2#

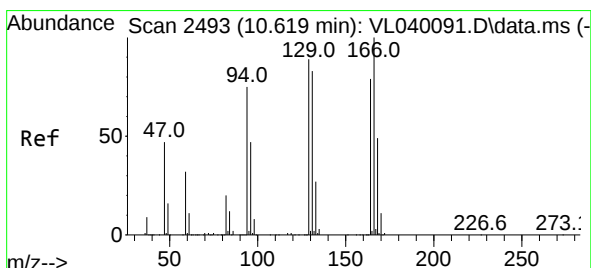
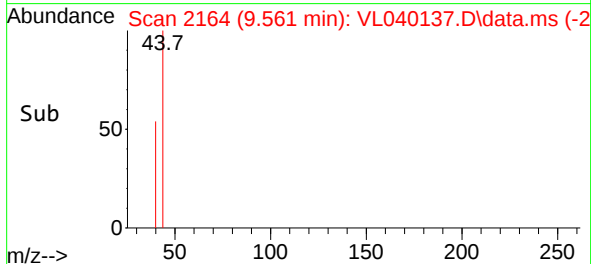
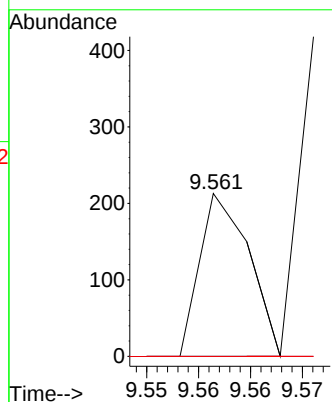
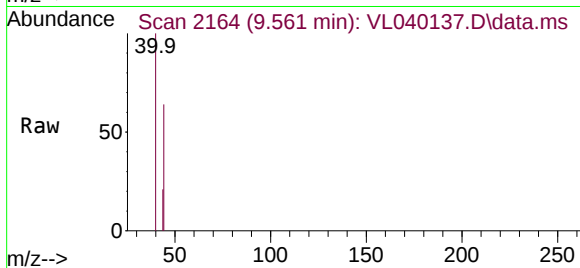




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.561 min Scan# 2162
Delta R.T. 0.019 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

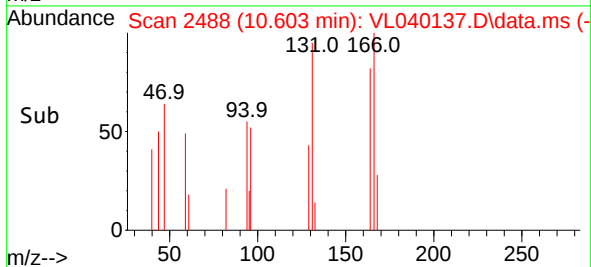
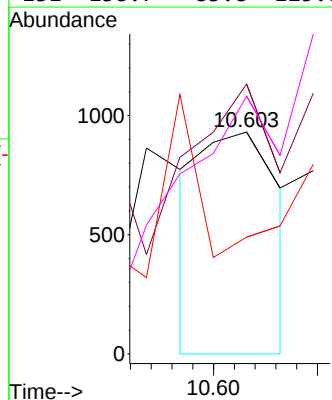
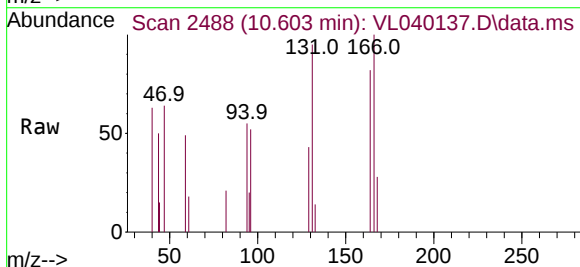
Instrument :
MSVOA_L
ClientSampleId :

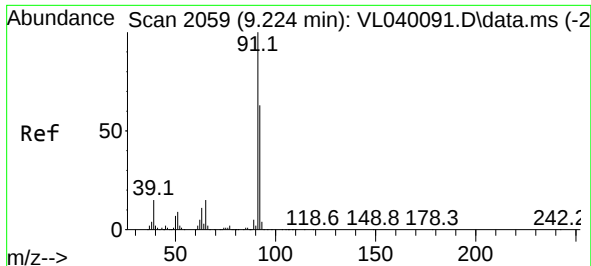
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
58 0.0 37.5 56.3#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.010 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Tgt Ion: 164 Resp: 485
Ion Ratio Lower Upper
164 100
166 158.3 101.2 151.8#
129 0.0 90.2 135.2#
131 138.7 83.8 125.8#

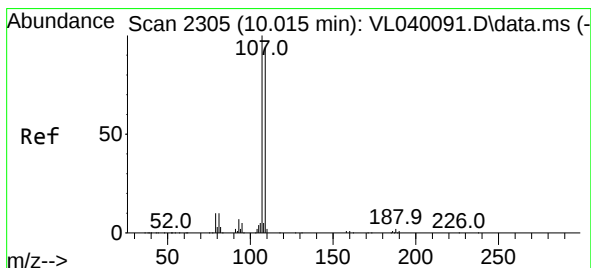
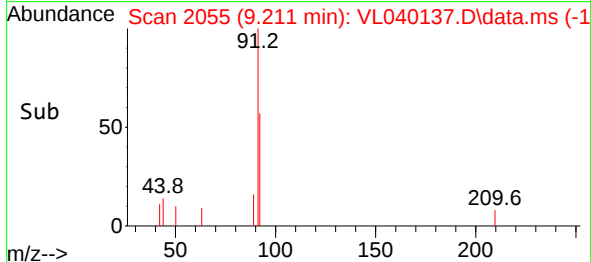
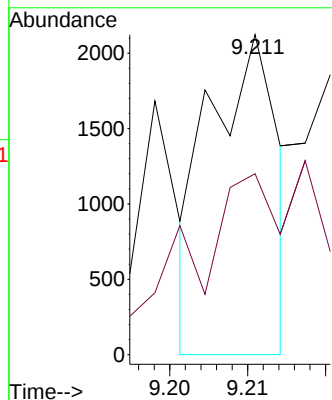
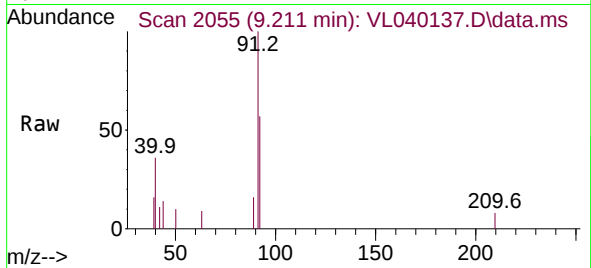




#53
Toluene
Concen: 0.008 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

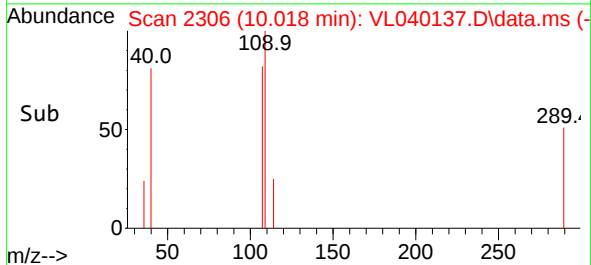
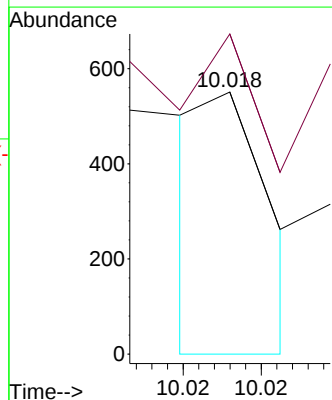
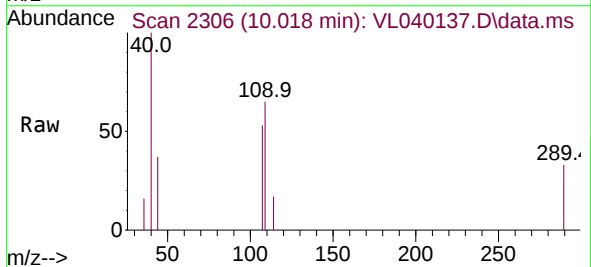
Instrument :
MSVOA_L
ClientSampleId :

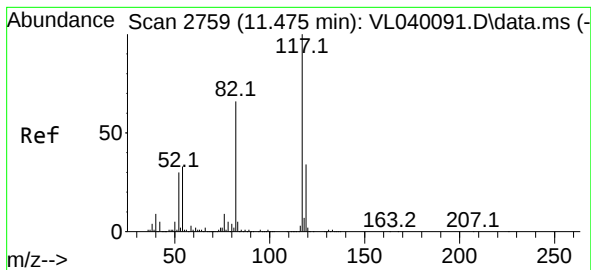
Tgt Ion: 91 Resp: 1296
Ion Ratio Lower Upper
91 100
92 0.0 48.3 72.5#



#54
1,2-Dibromoethane
Concen: 0.002 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.019 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Tgt Ion: 107 Resp: 157
Ion Ratio Lower Upper
107 100
109 100.7 75.0 112.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

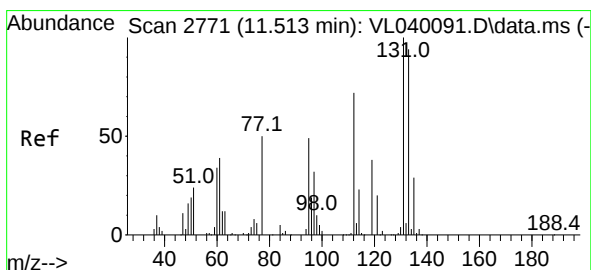
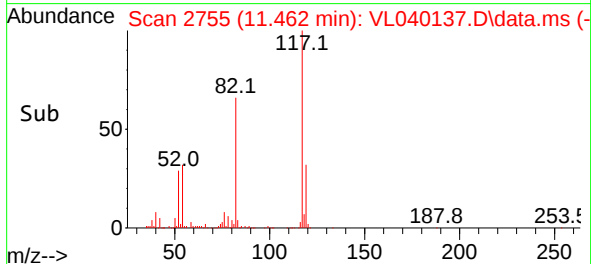
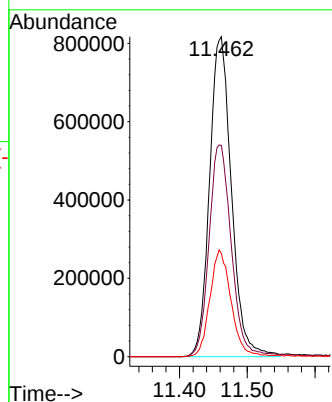
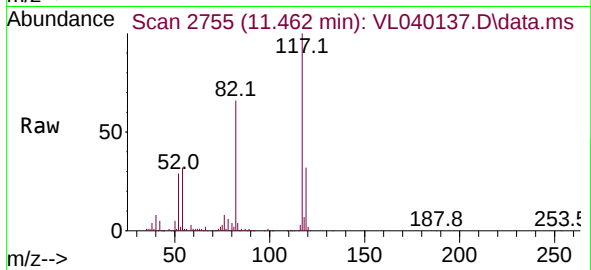
Tgt Ion:117 Resp: 1836060

Ion Ratio Lower Upper

117 100

82 68.2 54.4 81.6

119 32.6 26.8 40.2



#56

1,1,1,2-Tetrachloroethane

Concen: 0.012 ppbv

RT: 11.497 min Scan# 2766

Delta R.T. -0.003 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

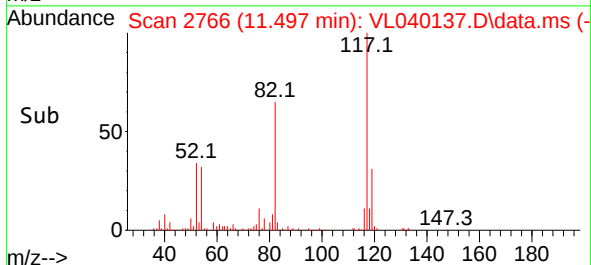
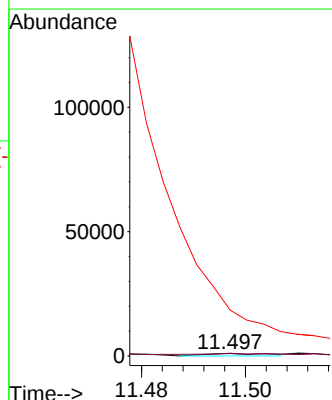
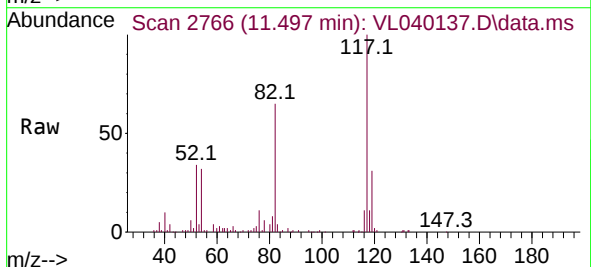
Tgt Ion:131 Resp: 861

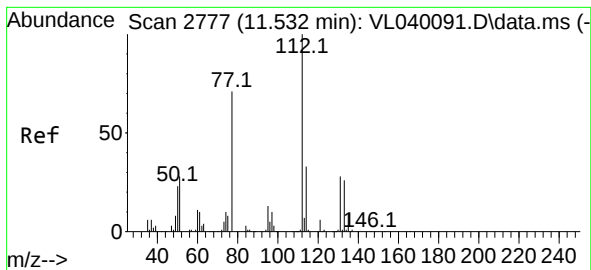
Ion Ratio Lower Upper

131 100

133 252.8 75.6 113.4#

119 0.0 47.2 70.8#





#57

Chlorobenzene

Concen: 0.010 ppbv

RT: 11.526 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

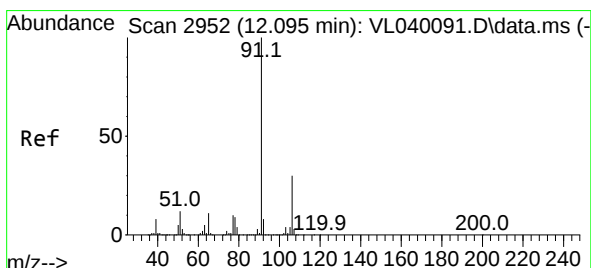
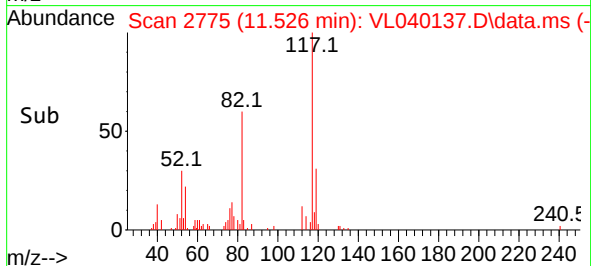
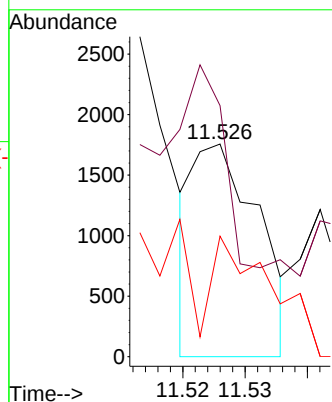
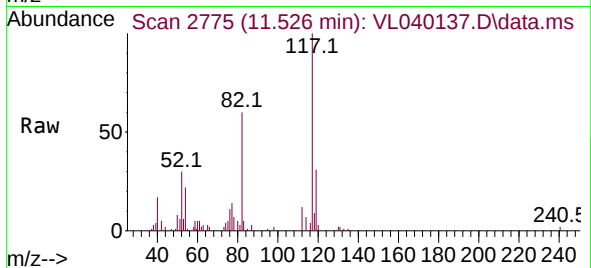
Tgt Ion:112 Resp: 1282

Ion Ratio Lower Upper

112 100

77 116.0 57.3 85.9#

114 51.0 29.6 36.2#



#58

Ethyl Benzene

Concen: 0.012 ppbv

RT: 12.082 min Scan# 2948

Delta R.T. 0.000 min

Lab File: VL040137.D

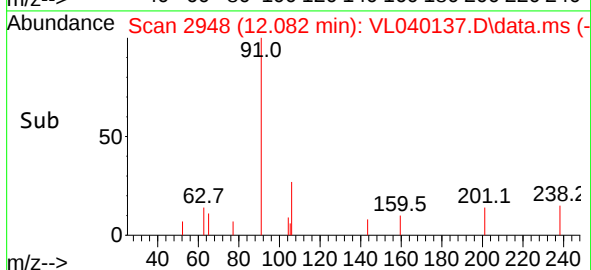
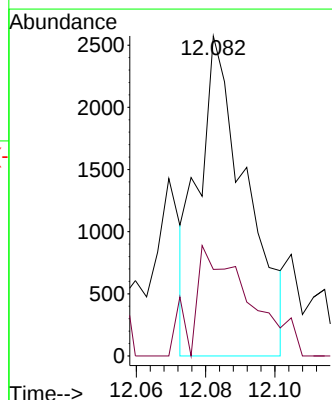
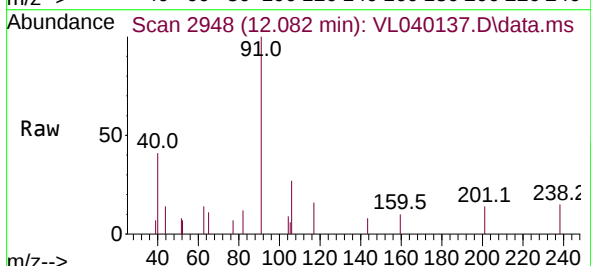
Acq: 30 Jan 2023 17:45

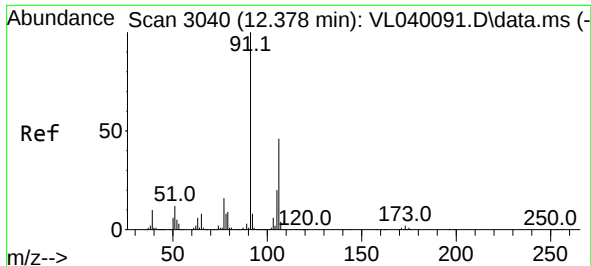
Tgt Ion: 91 Resp: 2471

Ion Ratio Lower Upper

91 100

106 24.9 23.7 35.5





#59

m/p-Xylene

Concen: 0.005 ppbv

RT: 12.368 min Scan# 3040

Delta R.T. 0.003 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

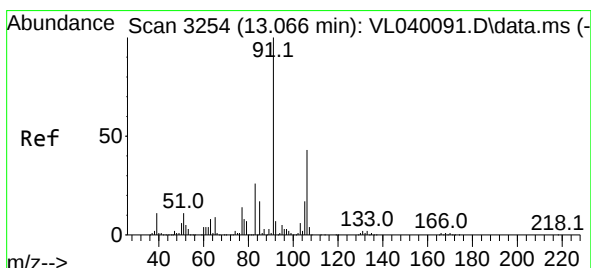
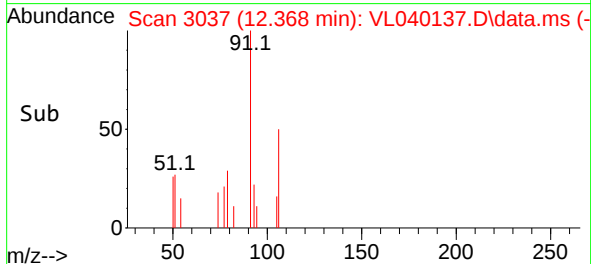
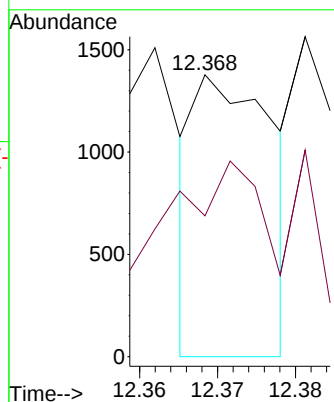
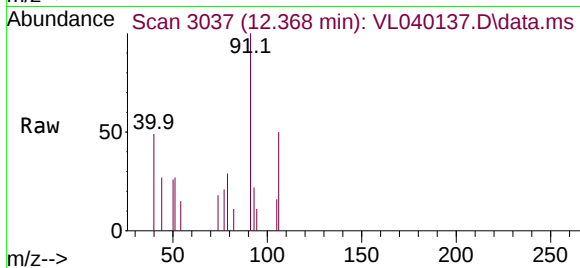
ClientSampleId :

Tgt Ion: 91 Resp: 960

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.4#



#60

o-Xylene

Concen: 0.005 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VL040137.D

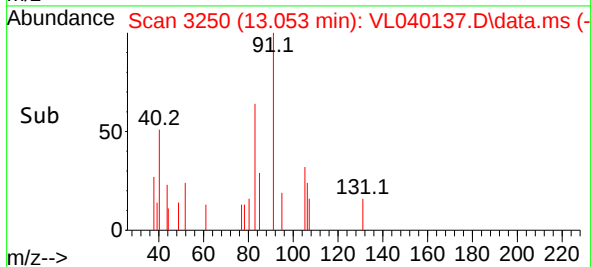
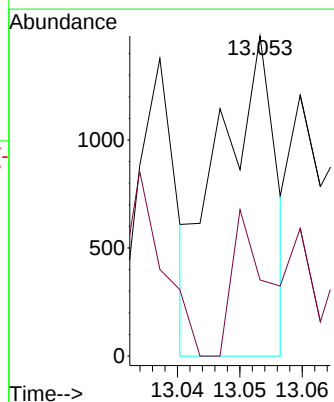
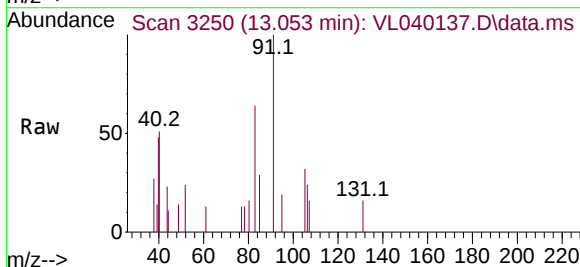
Acq: 30 Jan 2023 17:45

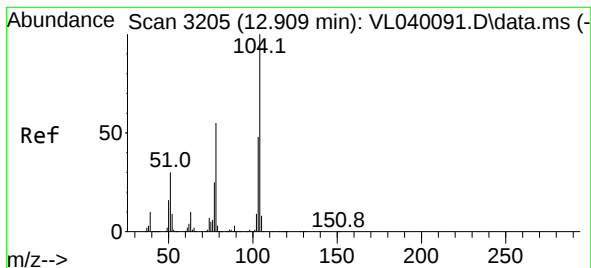
Tgt Ion: 91 Resp: 933

Ion Ratio Lower Upper

91 100

106 0.0 21.6 64.8#





#61

Styrene

Concen: 0.005 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

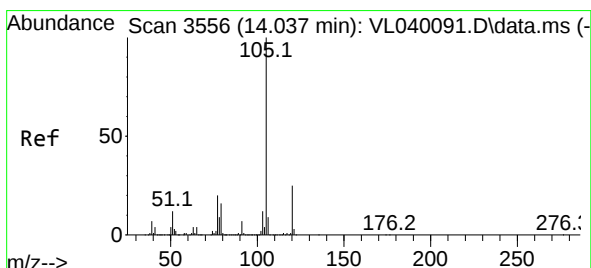
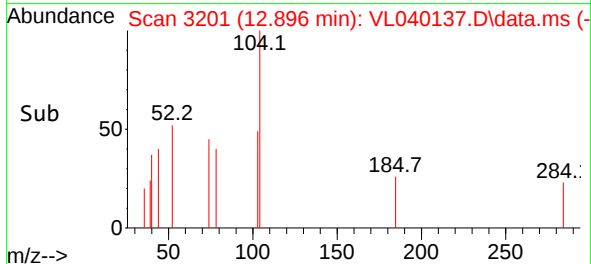
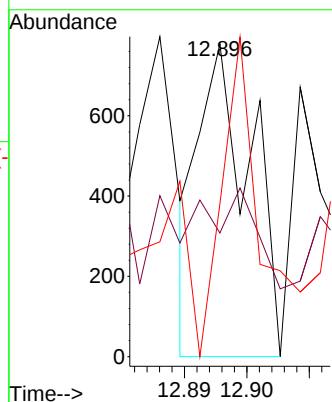
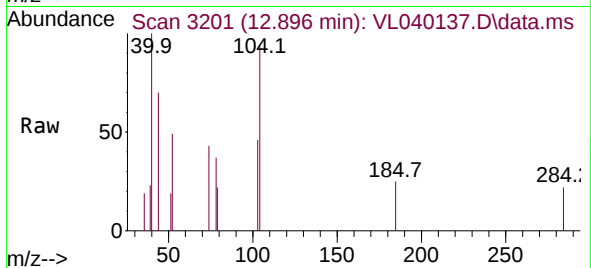
Tgt Ion:104 Resp: 449

Ion Ratio Lower Upper

104 100

78 0.0 44.0 66.0#

103 180.4 37.8 56.6#



#62

Isopropylbenzene

Concen: 0.014 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. 0.000 min

Lab File: VL040137.D

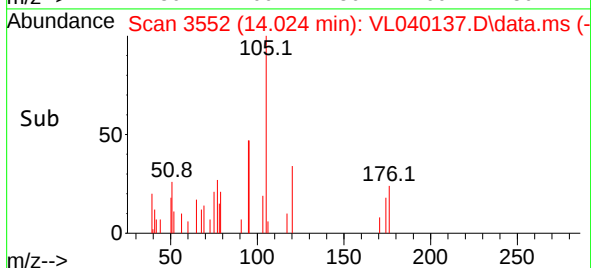
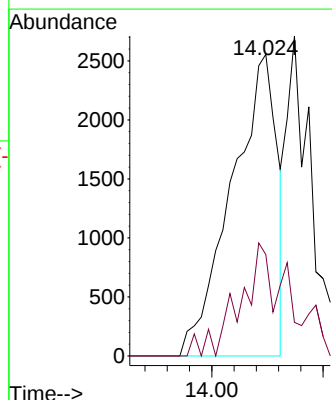
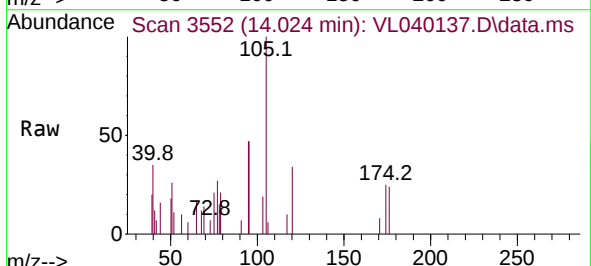
Acq: 30 Jan 2023 17:45

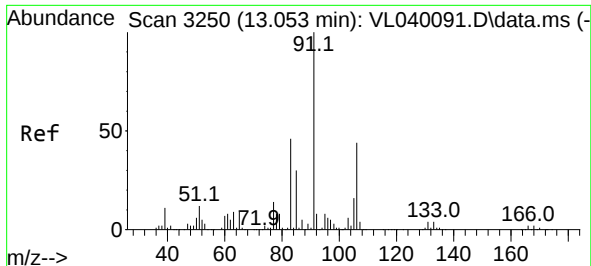
Tgt Ion:105 Resp: 3610

Ion Ratio Lower Upper

105 100

120 41.5 20.2 30.2#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.011 ppbv

RT: 13.047 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

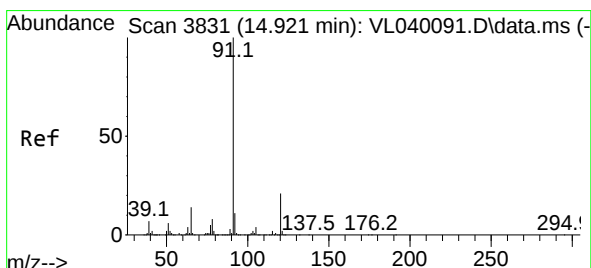
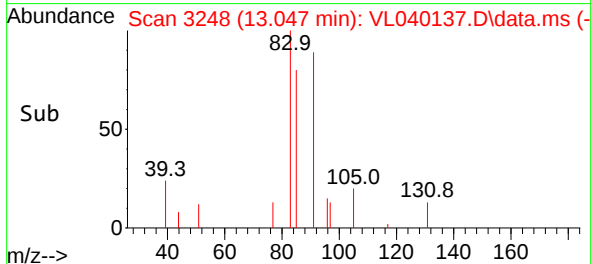
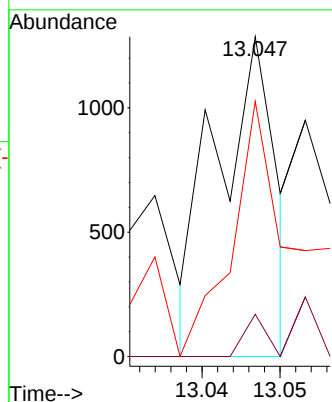
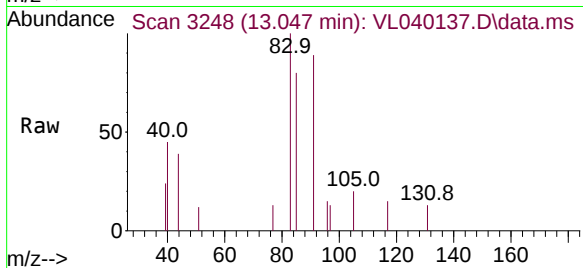
Tgt Ion: 83 Resp: 686

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

85 194.8 32.5 97.5#



#64

n-propylbenzene

Concen: 0.002 ppbv

RT: 14.921 min Scan# 3831

Delta R.T. 0.010 min

Lab File: VL040137.D

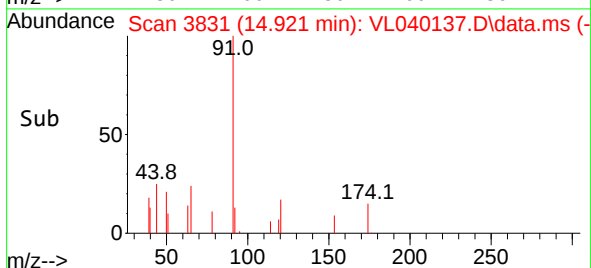
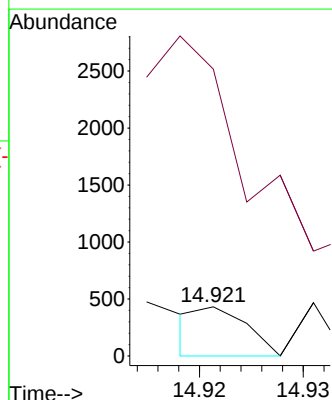
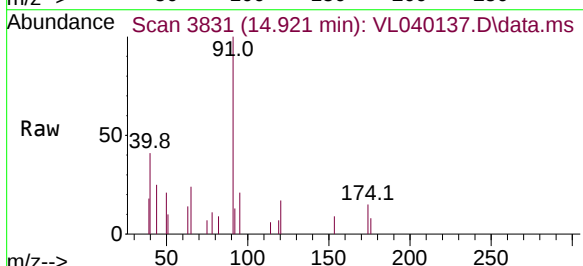
Acq: 30 Jan 2023 17:45

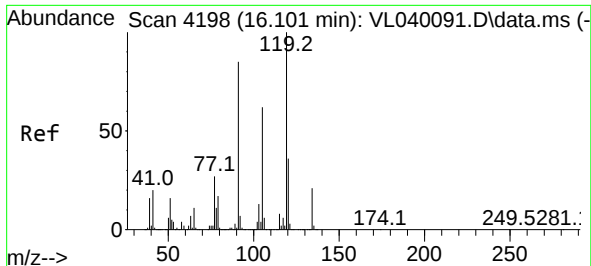
Tgt Ion: 120 Resp: 138

Ion Ratio Lower Upper

120 100

91 4250.7 397.0 595.4#

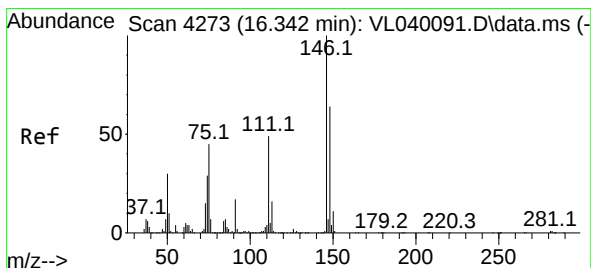
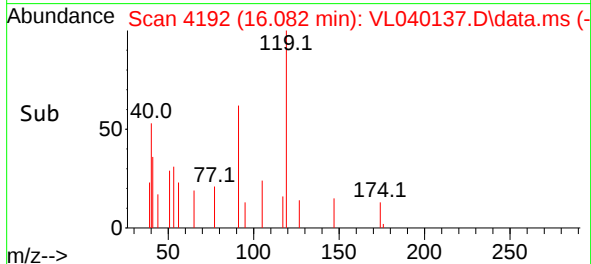
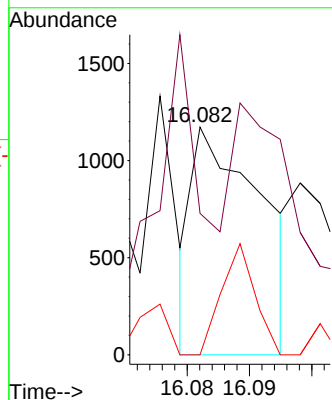
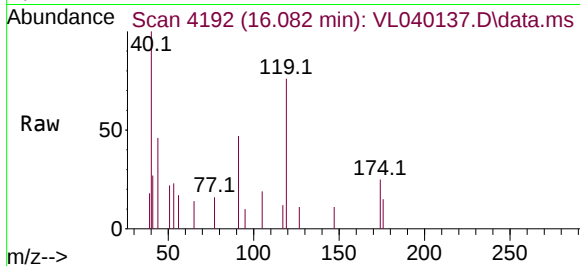




#65
tert-Butylbenzene
Concen: 0.004 ppbv
RT: 16.082 min Scan# 4198
Delta R.T. -0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

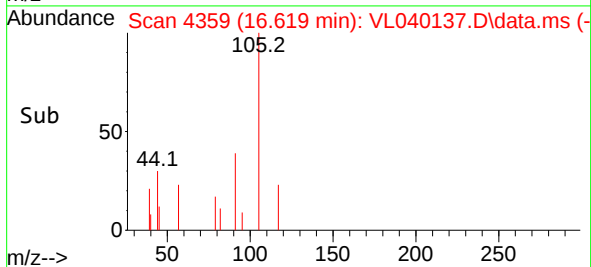
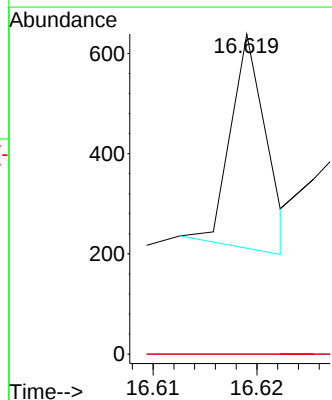
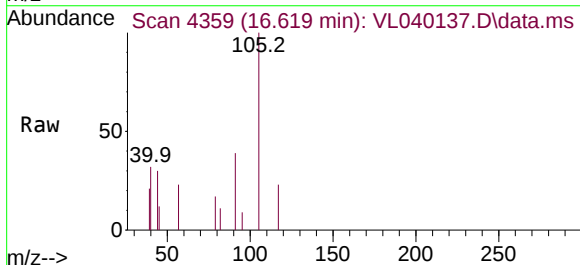
Instrument :
MSVOA_L
ClientSampleId :

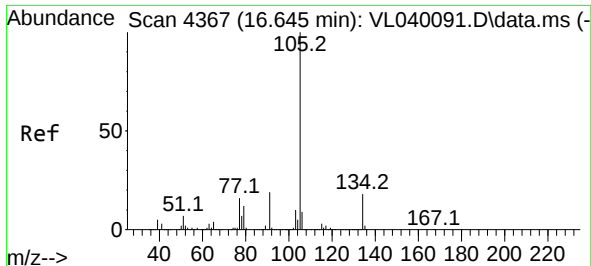
Tgt Ion:119 Resp: 894
Ion Ratio Lower Upper
119 100
91 0.0 69.5 104.3#
134 0.0 15.8 23.8#



#66
Benzyl Chloride
Concen: 0.007 ppbv
RT: 16.619 min Scan# 4359
Delta R.T. 0.296 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Tgt Ion: 91 Resp: 100
Ion Ratio Lower Upper
91 100
126 77.0 11.5 17.3#
128 0.0 0.0 0.0

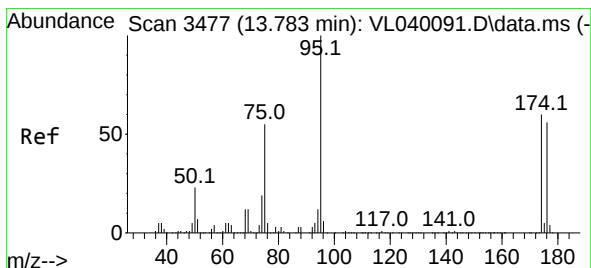
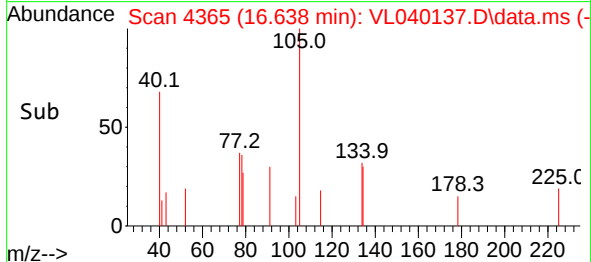
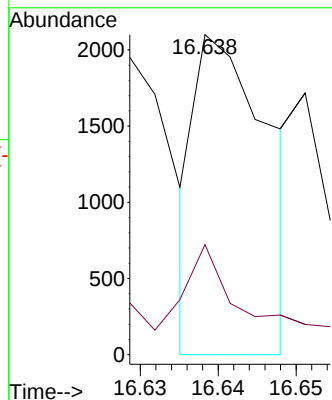
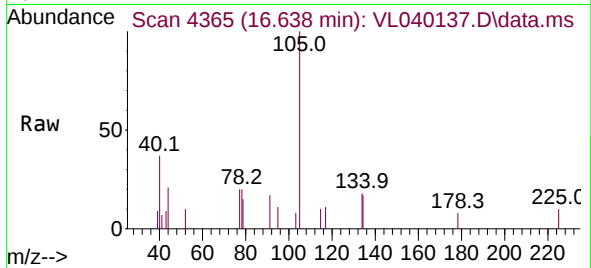




#67
 sec-Butylbenzene
 Concen: 0.004 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL040137.D
 Acq: 30 Jan 2023 17:45

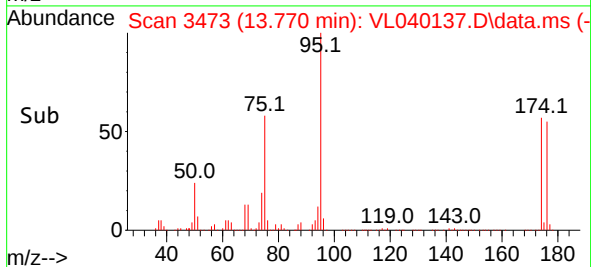
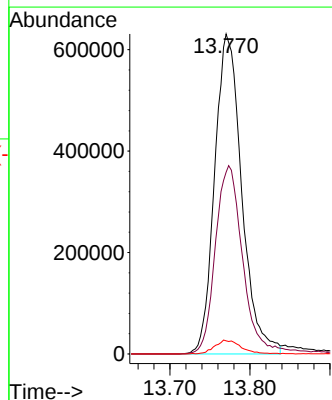
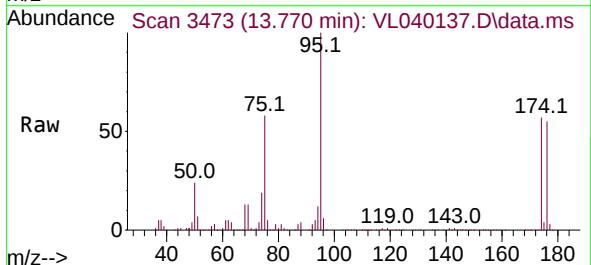
Instrument :
 MSVOA_L
 ClientSampleId :

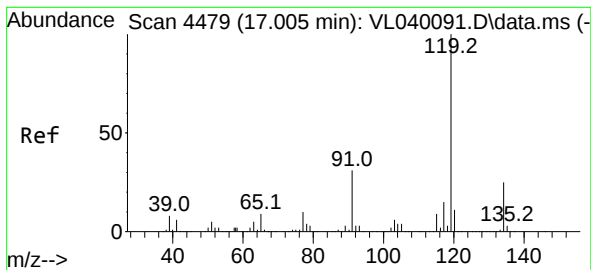
Tgt Ion:105 Resp: 1366
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.1 21.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.723 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL040137.D
 Acq: 30 Jan 2023 17:45

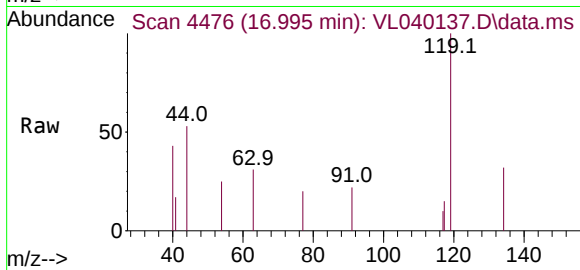
Tgt Ion: 95 Resp: 1483638
 Ion Ratio Lower Upper
 95 100
 174 60.8 47.7 71.5
 175 4.3 3.4 5.2



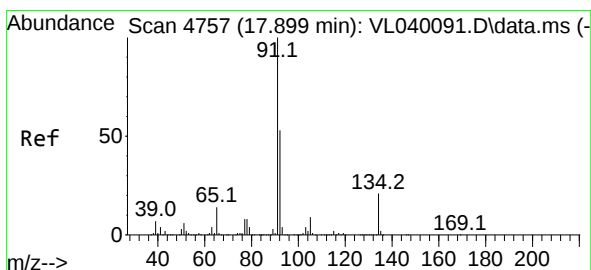
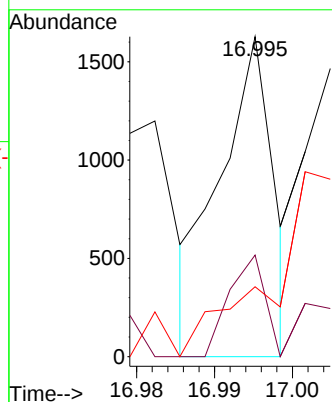
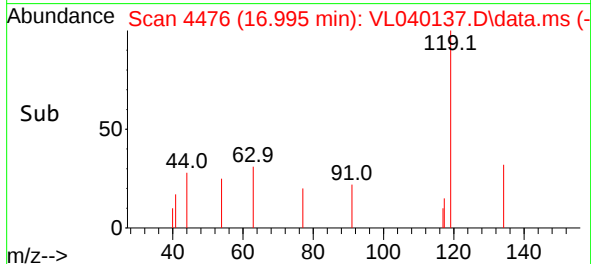


#69
p-Isopropyltoluene
Concen: 0.003 ppbv
RT: 16.995 min Scan# 4479
Delta R.T. 0.007 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

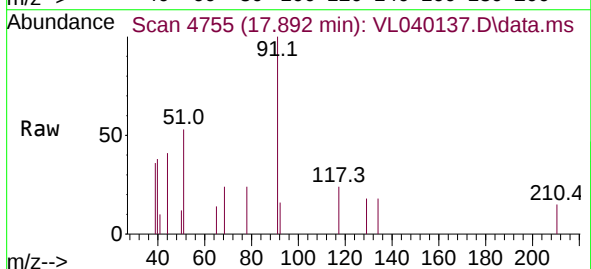
Instrument :
MSVOA_L
ClientSampleId :



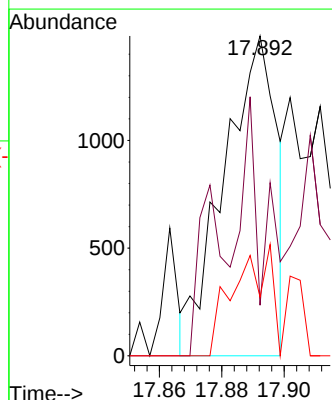
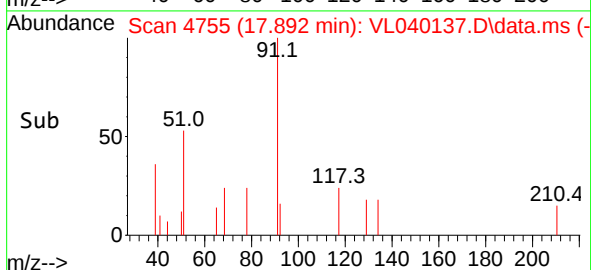
Tgt Ion:119 Resp: 782
Ion Ratio Lower Upper
119 100
134 50.6 20.1 30.1#
91 0.0 25.0 37.4#

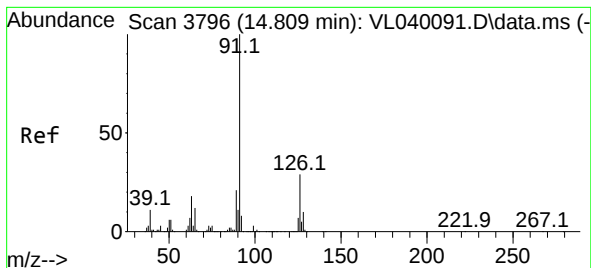


#70
n-Butylbenzene
Concen: 0.007 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.010 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45



Tgt Ion: 91 Resp: 1740
Ion Ratio Lower Upper
91 100
92 120.1 42.8 64.2#
134 32.2 16.9 25.3#

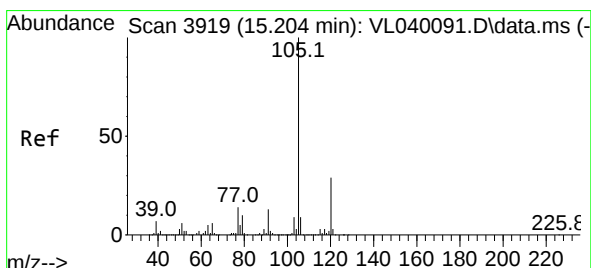
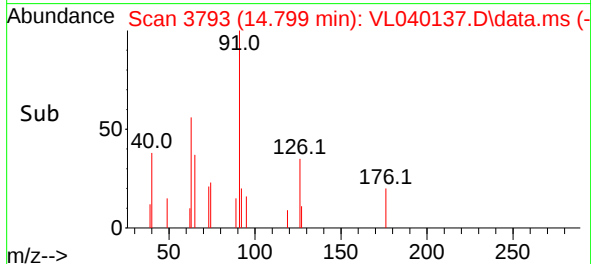
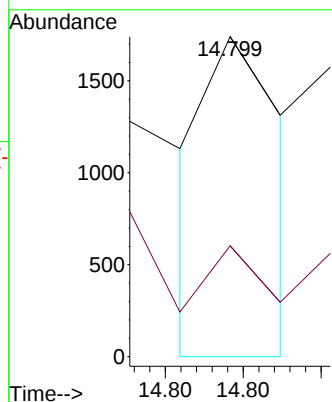
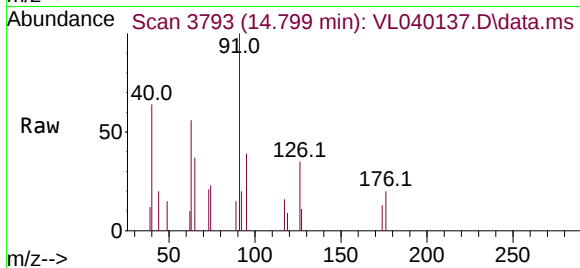




#71
2-Chlorotoluene
Concen: 0.003 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

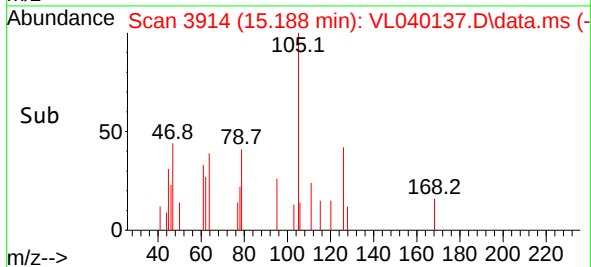
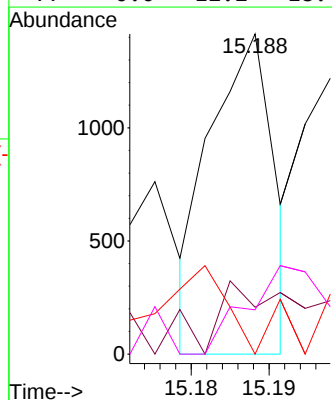
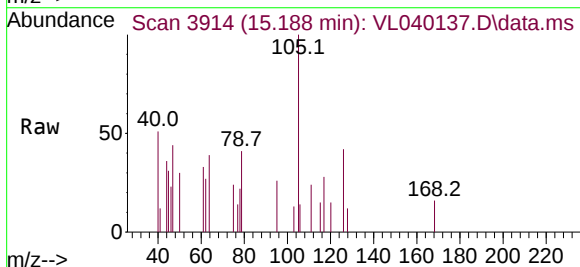
Instrument :
MSVOA_L
ClientSampleId :

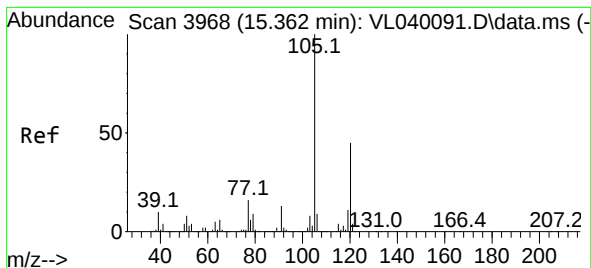
Tgt Ion: 91 Resp: 589
Ion Ratio Lower Upper
91 100
126 199.8 11.9 47.5#



#72
4-Ethyltoluene
Concen: 0.004 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Tgt Ion: 105 Resp: 809
Ion Ratio Lower Upper
105 100
120 0.0 23.1 34.7#
91 34.7 11.2 16.8#
77 0.0 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.003 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.007 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

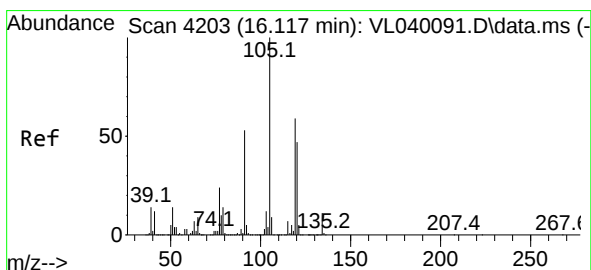
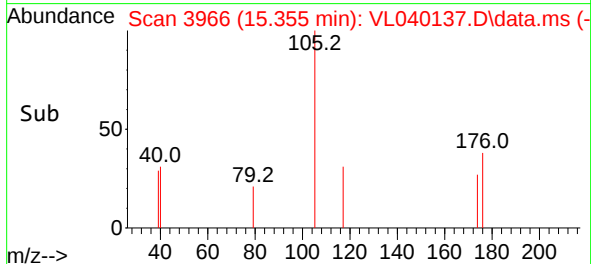
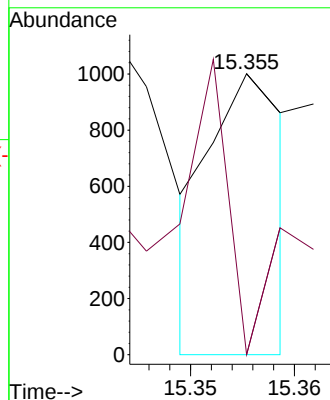
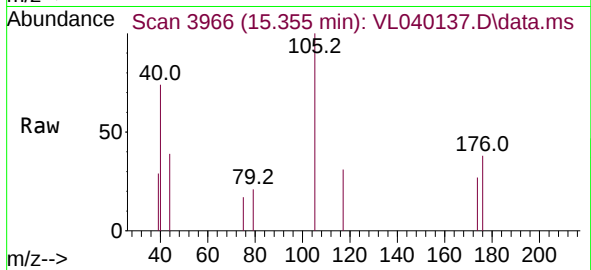
ClientSampleId :

Tgt Ion:105 Resp: 505

Ion Ratio Lower Upper

105 100

120 0.0 36.2 54.4#



#74

1,2,4-Trimethylbenzene

Concen: 0.003 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. 0.007 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Tgt Ion:105 Resp: 530

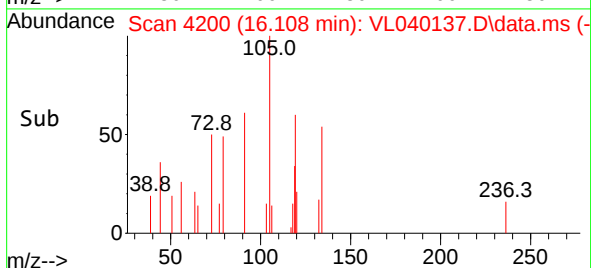
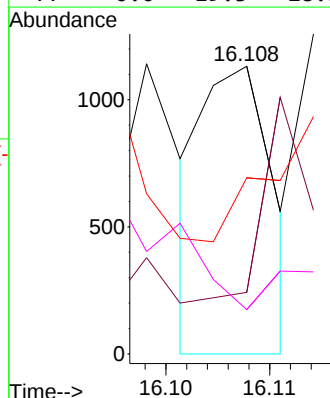
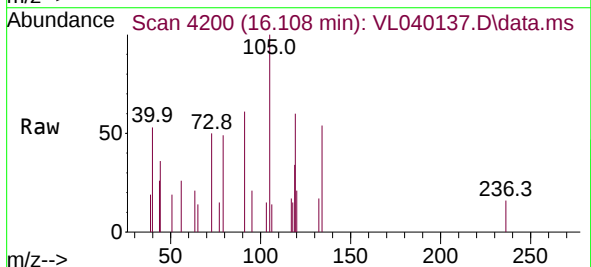
Ion Ratio Lower Upper

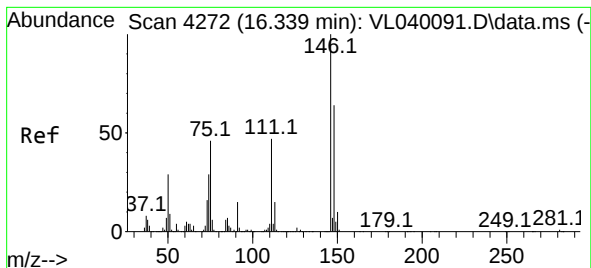
105 100

120 7.3 38.0 57.0#

91 41.6 42.1 63.1#

77 0.0 19.3 28.9#





#75

1,3-Dichlorobenzene

Concen: 0.006 ppbv

RT: 16.330 min Scan# 4315

Delta R.T. 0.003 min

Lab File: VL040137.D

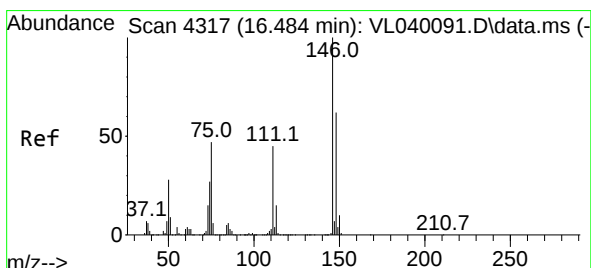
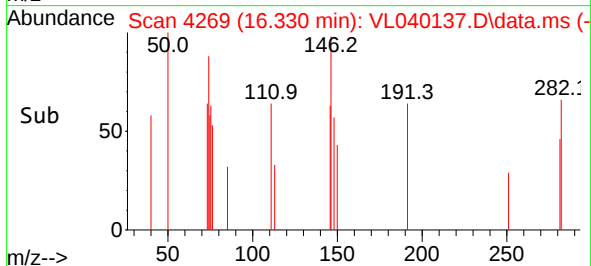
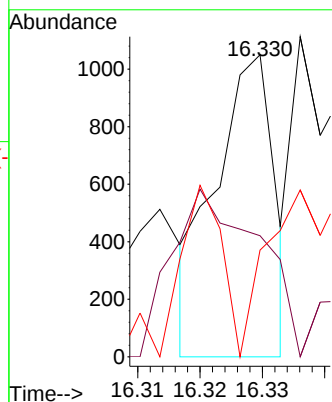
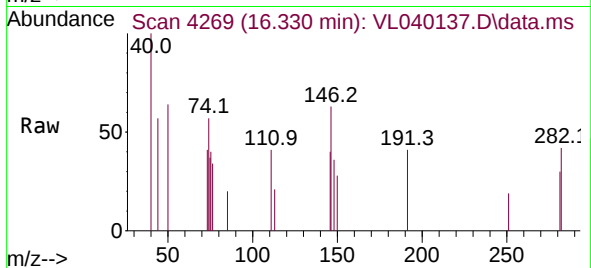
Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	146	Resp:	694
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

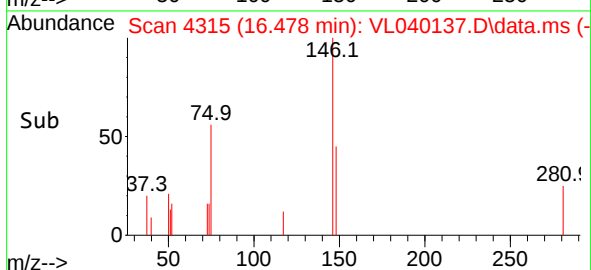
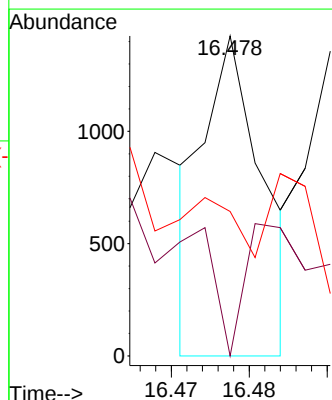
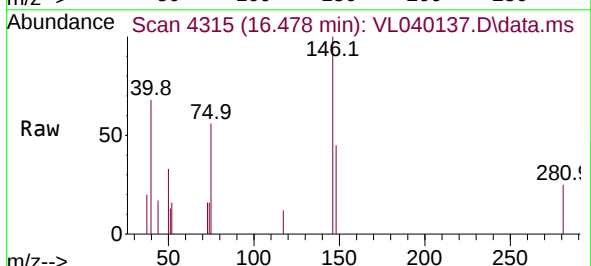
RT: 16.478 min Scan# 4315

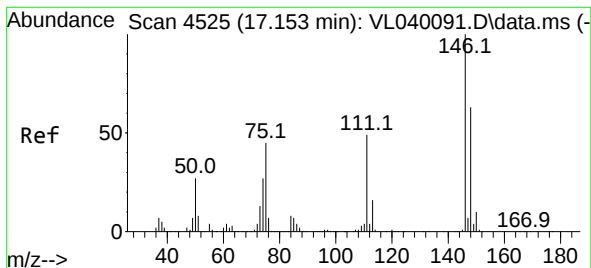
Delta R.T. 0.010 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Tgt Ion:	146	Resp:	749
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: 0.005 ppbv

RT: 17.140 min Scan# 4

Delta R.T. 0.003 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :

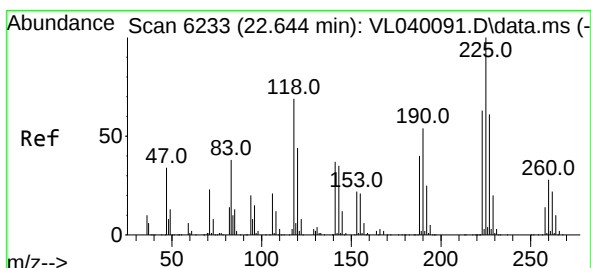
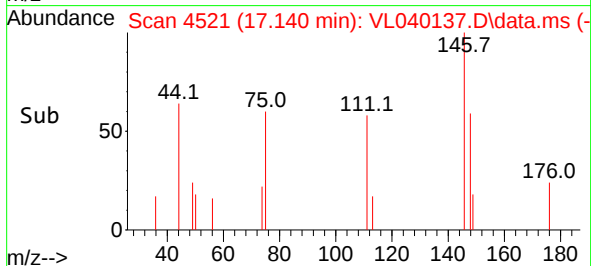
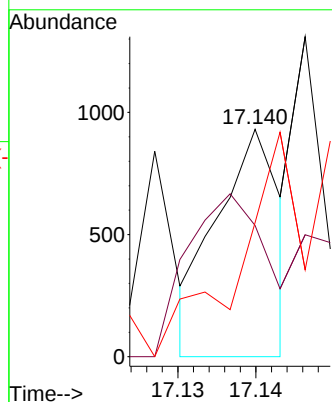
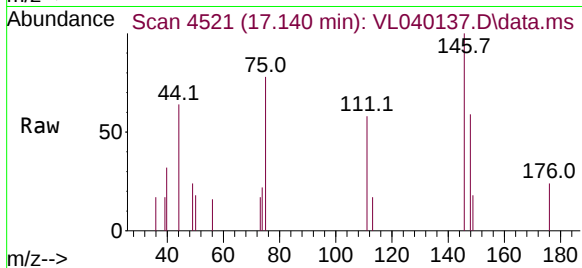
Tgt Ion:146 Resp: 526

Ion Ratio Lower Upper

146 100

111 0.0 25.1 75.2#

148 285.0 32.4 97.0#



#78

Hexachloro-1,3-Butadiene

Concen: 0.009 ppbv

RT: 22.638 min Scan# 6231

Delta R.T. 0.007 min

Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

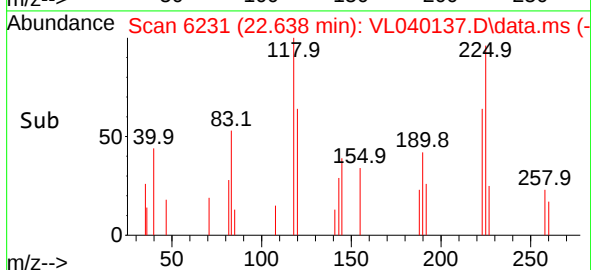
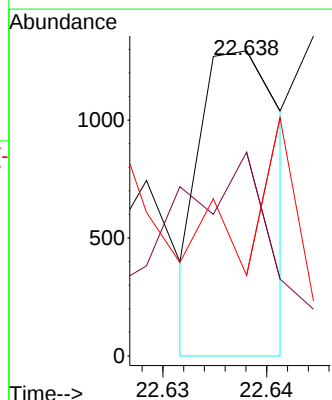
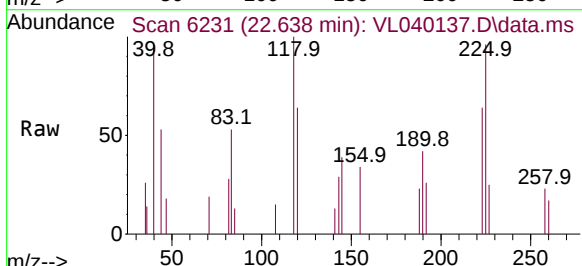
Tgt Ion:225 Resp: 695

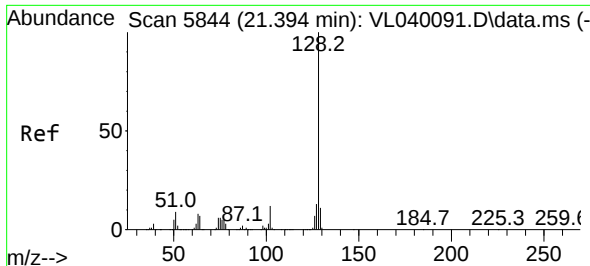
Ion Ratio Lower Upper

225 100

223 244.7 51.5 77.3#

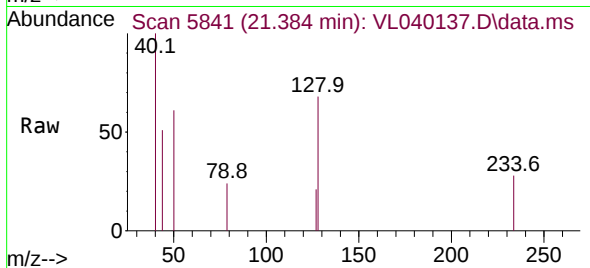
227 0.0 50.6 76.0#



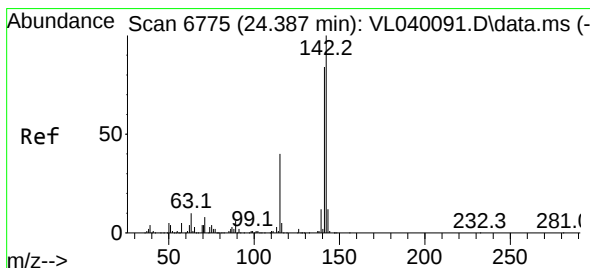
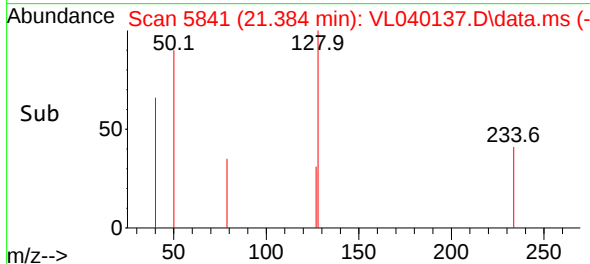
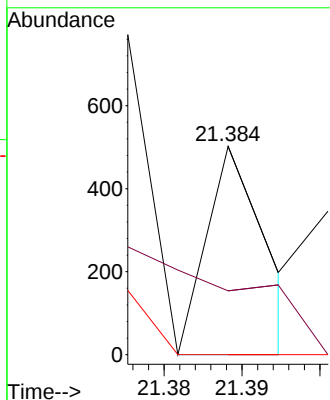


#79
Naphthalene
Concen: 0.001 ppbv
RT: 21.384 min Scan# 5844
Delta R.T. 0.007 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Instrument :
MSVOA_L
ClientSampleId :

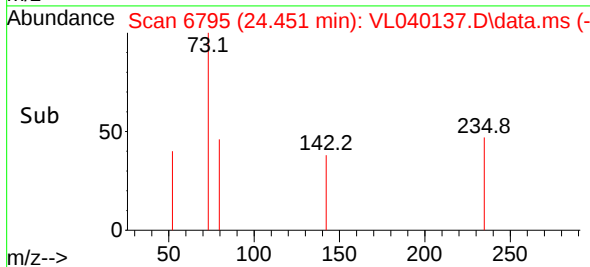
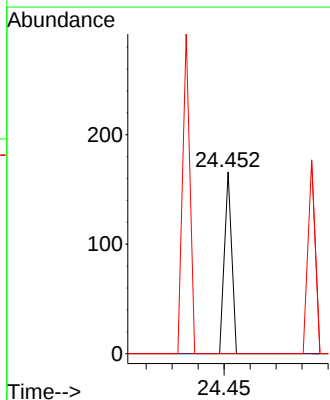
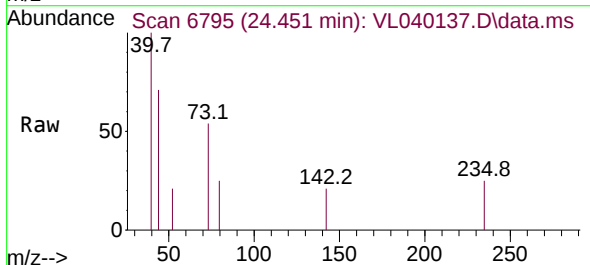


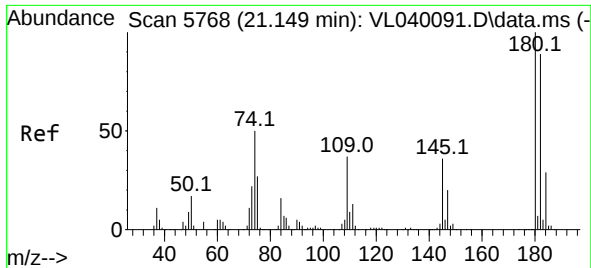
Tgt Ion:128 Resp: 135
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#



#80
Naphthalene,2-methyl-
Concen: 0.001 ppbv
RT: 24.451 min Scan# 6795
Delta R.T. 0.077 min
Lab File: VL040137.D
Acq: 30 Jan 2023 17:45

Tgt Ion:142 Resp: 32
Ion Ratio Lower Upper
142 100
141 0.0 65.0 97.6#
115 0.0 31.8 47.8#





#81

1,2,4-Trichlorobenzene

Concen: 0.002 ppbv

RT: 21.133 min Scan# 5

Delta R.T. 0.000 min

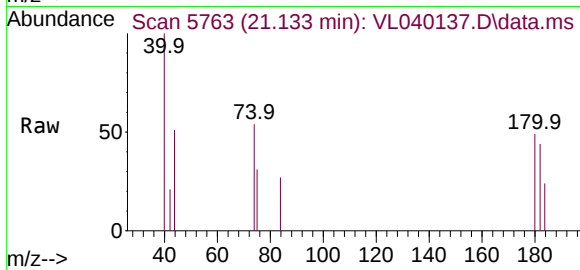
Lab File: VL040137.D

Acq: 30 Jan 2023 17:45

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 114

Ion Ratio Lower Upper

180 100

182 0.0 78.6 117.8#

184 0.0 25.1 37.7#

