

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040138.D
 Acq On : 30 Jan 2023 18:22
 Operator : SY/MD
 Sample : N4995-14 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 31 05:30:34 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	782301	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2067313	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.461	117	1873057	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1586979	10.194	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	85841	0.626	ppbv	100
3) Chlorodifluoromethane	2.658	51	53689	0.572	ppbv	99
4) Chloromethane	2.796	50	31936	0.551	ppbv	97
5) Vinyl Chloride	2.906	62	24844	0.505	ppbv	95
6) Bromomethane	3.102	94	8791	0.490	ppbv #	78
7) Chloroethane	3.182	64	9624	0.512	ppbv	99
8) Dichlorotetrafluoroethane	2.838	85	70183	0.548	ppbv	98
9) Propene	2.677	41	19695	0.505	ppbv	99
10) Heptane	7.571	43	38079	0.424	ppbv	96
11) Trichlorofluoromethane	3.545	101	71794	0.524	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.050	101	55141	0.536	ppbv	97
13) Ethanol	3.237	45	662	0.184	ppbv #	1
14) Bromoethene	3.353	108	17358	0.454	ppbv #	81
15) Acetone	3.471	43	53753	0.573	ppbv	93
16) 1,3-Butadiene	2.973	39	20206	0.462	ppbv	92
17) tert-Butyl alcohol	3.880	59	43269	0.495	ppbv #	93
18) 1,1-Dichloroethene	3.864	96	22042	0.493	ppbv	98
19) Isopropyl Alcohol	3.578	45	23539	0.513	ppbv #	90
20) Methylene Chloride	3.915	84	23701	0.573	ppbv	89
21) Allyl Chloride	3.983	41	29042	0.482	ppbv	92
22) trans-1,2-Dichloroethene	4.433	96	22175	0.485	ppbv	93
23) Vinyl Acetate	4.613	43	7020	0.231	ppbv #	86
24) 1,1-Dichloroethane	4.549	63	51251	0.556	ppbv	99
25) Ethyl Acetate	5.198	43	84621	0.512	ppbv	98
26) Hexane	5.201	57	17097	0.236	ppbv #	1
27) Carbon Disulfide	4.115	76	32271	0.344	ppbv #	93
28) Methyl tert-Butyl Ether	4.587	73	40579	0.499	ppbv	98
29) Chloroform	5.256	83	69530	0.601	ppbv	89
30) Cyclohexane	6.590	84	18004	0.313	ppbv #	71
31) cis-1,2-Dichloroethene	5.063	61	36781	0.525	ppbv	94
32) 1,1,1-Trichloroethane	5.992	97	59005	0.502	ppbv	94
34) 2-Butanone	4.783	43	51278	0.524	ppbv	97
35) Carbon Tetrachloride	6.481	117	34977	0.299	ppbv	86
36) Benzene	6.359	78	69775	0.456	ppbv	96
37) 1,2-Dichloroethane	5.793	62	49180	0.500	ppbv	99
38) Trichloroethene	7.285	130	18148	0.209	ppbv	96
39) 1,2-Dichloropropane	7.060	63	30871	0.516	ppbv	96
40) 1,4-Dioxane	7.311	88	5723	0.241	ppbv #	1
41) Tetrahydrofuran	5.571	42	14101	0.250	ppbv #	54
42) Bromodichloromethane	7.237	83	60704	0.457	ppbv #	95
43) Methyl Methacrylate	7.475	69	14472	0.258	ppbv #	29
44) 2,2,4-Trimethylpentane	7.314	57	120927	0.475	ppbv	93
45) t-1,3-Dichloropropene	8.696	75	5521	0.110	ppbv	98

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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
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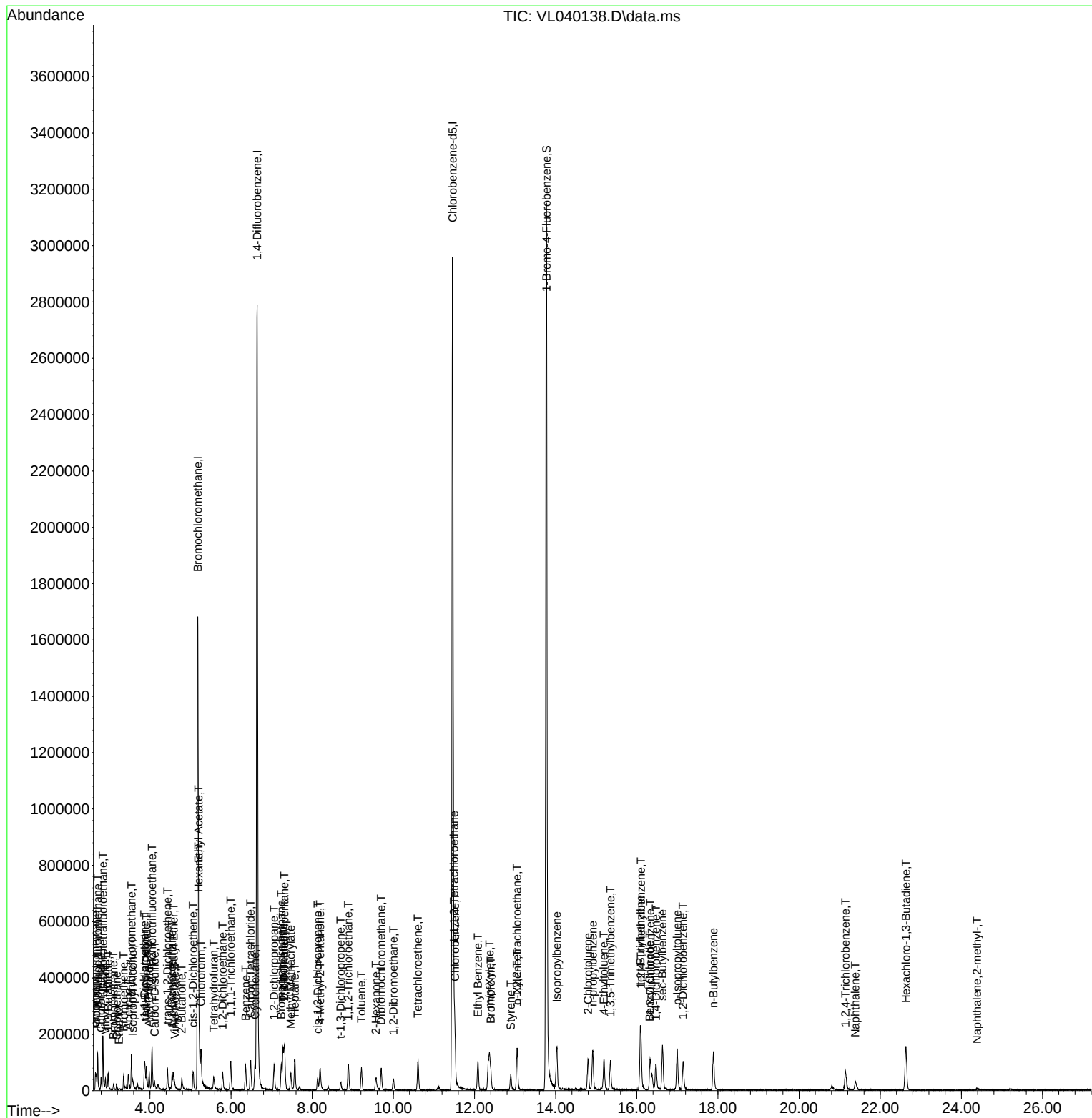
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	22398	0.327	ppbv #	84
47) 1,1,2-Trichloroethane	8.886	97	31439	0.499	ppbv	93
48) Dibromochloromethane	9.700	129	41805	0.413	ppbv	96
49) Bromoform	12.400	173	32879	0.421	ppbv	100
50) 4-Methyl-2-Pentanone	8.192	43	33578	0.218	ppbv #	39
51) 2-Hexanone	9.568	43	20531	0.176	ppbv #	30
52) Tetrachloroethene	10.606	164	24682	0.493	ppbv #	81
53) Toluene	9.214	91	45255	0.277	ppbv #	73
54) 1,2-Dibromoethane	10.005	107	12108	0.184	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.497	131	25165	0.345	ppbv #	38
57) Chlorobenzene	11.519	112	69167	0.542	ppbv	98
58) Ethyl Benzene	12.085	91	86227	0.413	ppbv #	86
59) m/p-Xylene	12.371	91	77943	0.415	ppbv #	33
60) o-Xylene	13.053	91	75038	0.421	ppbv	99
61) Styrene	12.896	104	23289	0.251	ppbv #	72
62) Isopropylbenzene	14.027	105	79651	0.310	ppbv #	74
63) 1,1,2,2-Tetrachloroethane	13.047	83	19447	0.300	ppbv #	39
64) n-propylbenzene	14.918	120	12241	0.192	ppbv #	1
65) tert-Butylbenzene	16.088	119	90782	0.413	ppbv	85
66) Benzyl Chloride	16.317	91	1154	0.077	ppbv #	65
67) sec-Butylbenzene	16.632	105	139984	0.449	ppbv	97
69) p-Isopropyltoluene	16.995	119	100979	0.413	ppbv	94
70) n-Butylbenzene	17.889	91	112737	0.427	ppbv	95
71) 2-Chlorotoluene	14.799	91	82999	0.421	ppbv	99
72) 4-Ethyltoluene	15.188	105	80827	0.408	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.352	105	49393	0.277	ppbv	95
74) 1,2,4-Trimethylbenzene	16.104	105	88015	0.446	ppbv	96
75) 1,3-Dichlorobenzene	16.329	146	50911	0.464	ppbv	96
76) 1,4-Dichlorobenzene	16.474	146	21614	0.200	ppbv #	1
77) 1,2-Dichlorobenzene	17.137	146	29344	0.280	ppbv #	34
78) Hexachloro-1,3-Butadiene	22.635	225	13093	0.170	ppbv #	1
79) Naphthalene	21.384	128	7459	0.066	ppbv #	73
80) Naphthalene,2-methyl-	24.384	142	7063	0.185	ppbv #	71
81) 1,2,4-Trichlorobenzene	21.146	180	8584	0.123	ppbv #	1

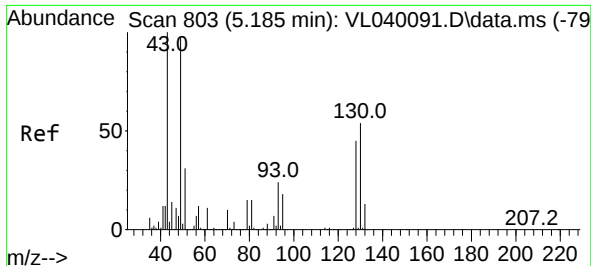
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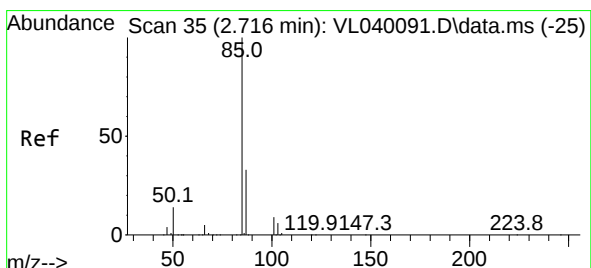
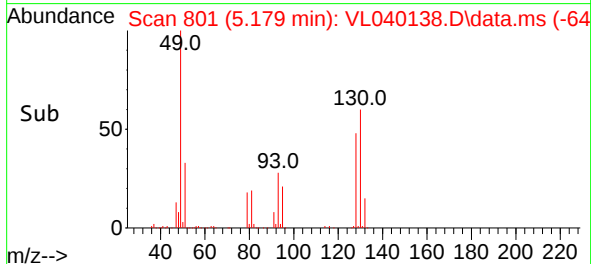
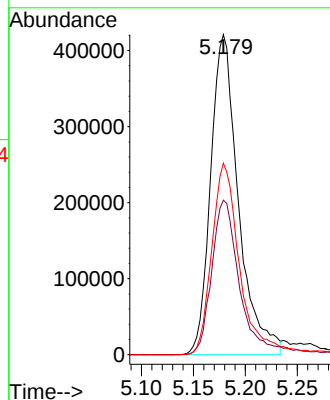
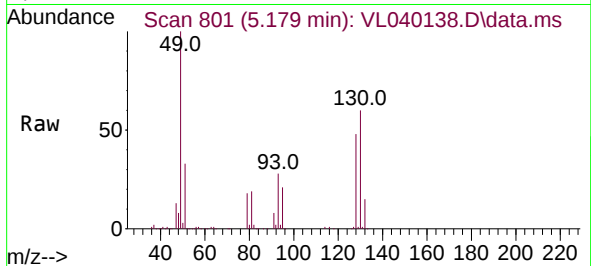




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.179 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VL040138.D
 Acq: 30 Jan 2023 18:22

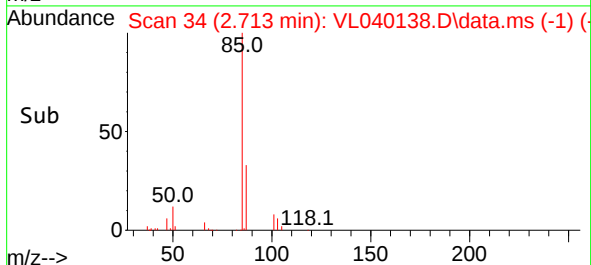
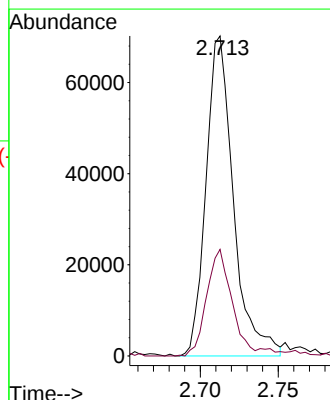
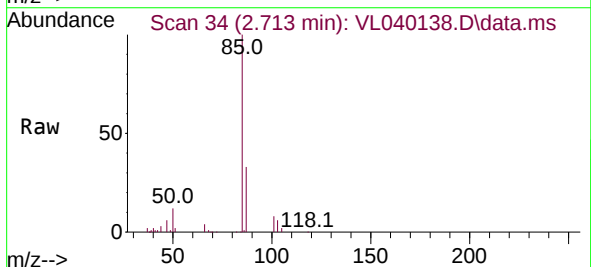
Instrument :
 MSVOA_L
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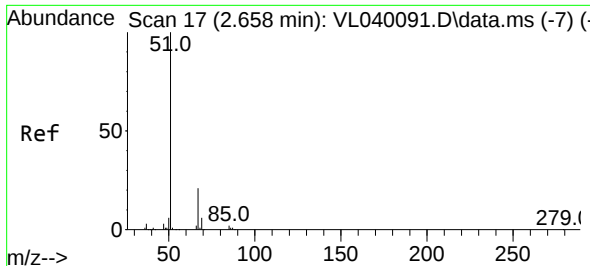
Tgt Ion: 49 Resp: 782301
 Ion Ratio Lower Upper
 49 100
 128 50.2 23.6 71.0
 130 62.3 29.8 89.3



#2
 Dichlorodifluoromethane
 Concen: 0.626 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VL040138.D
 Acq: 30 Jan 2023 18:22

Tgt Ion: 85 Resp: 85841
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.5 39.7

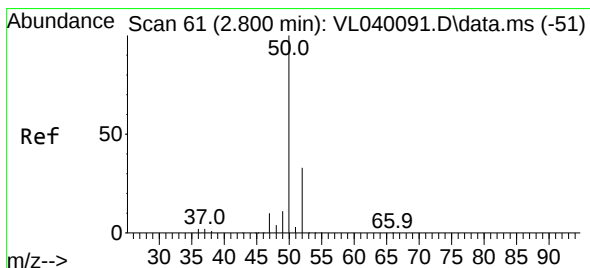
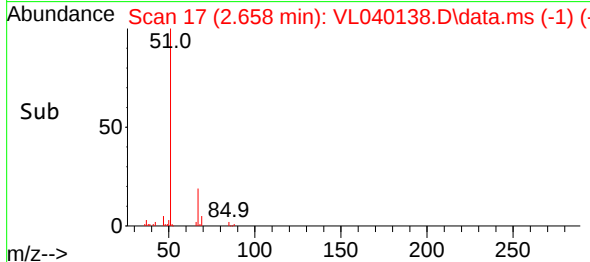
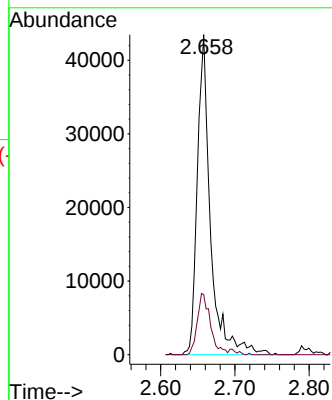
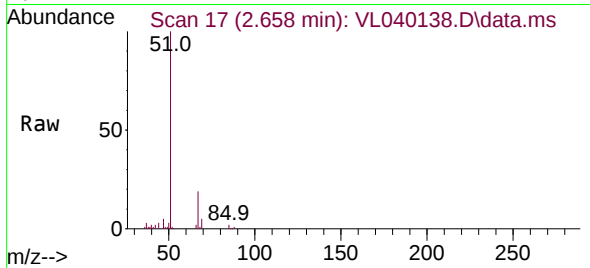




#3
Chlorodifluoromethane
Concen: 0.572 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

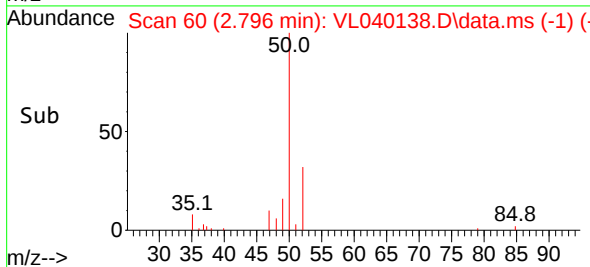
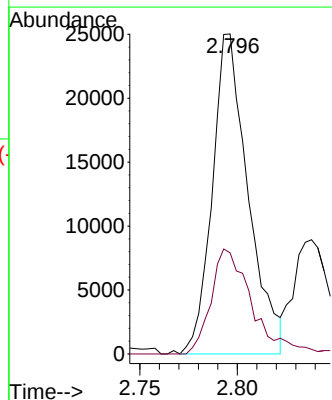
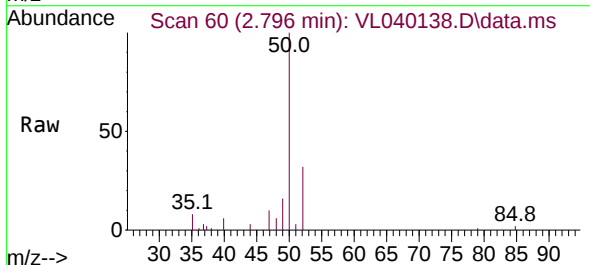
Instrument :
MSVOA_L
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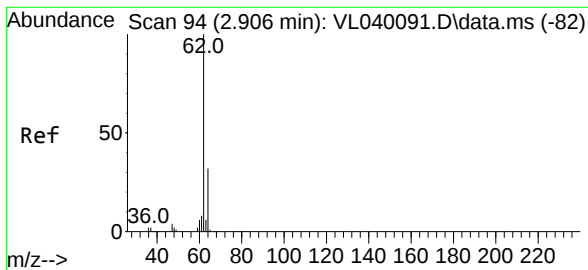
Tgt Ion: 51 Resp: 53689
Ion Ratio Lower Upper
51 100
67 20.1 16.4 24.6



#4
Chloromethane
Concen: 0.551 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion: 50 Resp: 31936
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7

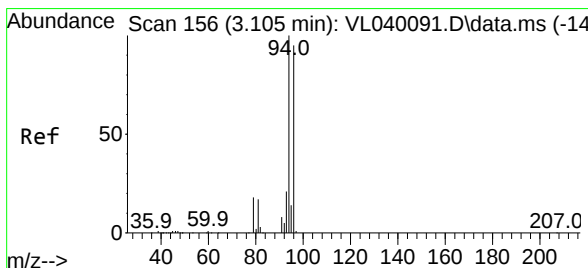
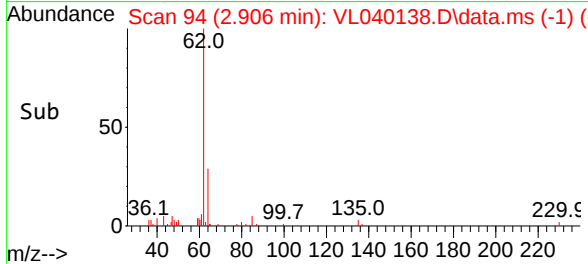
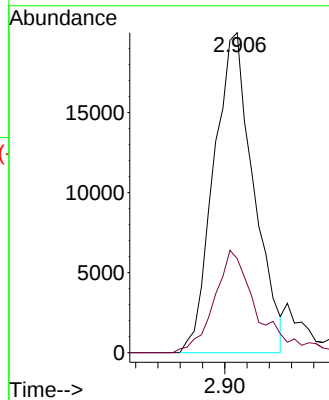
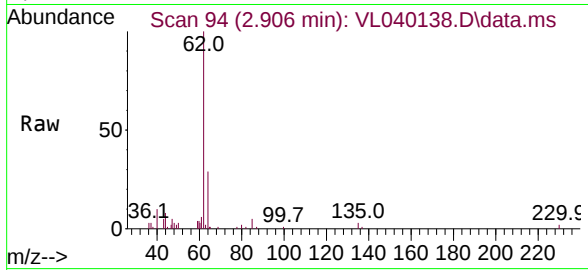




#5
 Vinyl Chloride
 Concen: 0.505 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.003 min
 Lab File: VL040138.D
 Acq: 30 Jan 2023 18:22

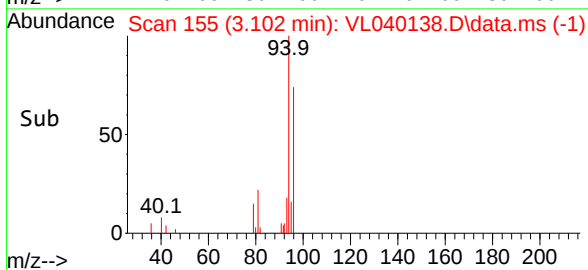
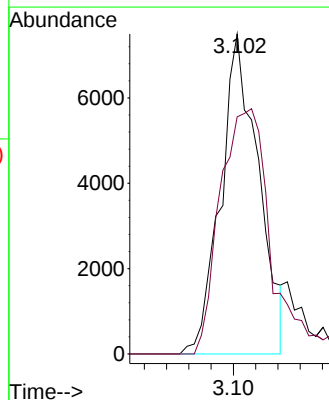
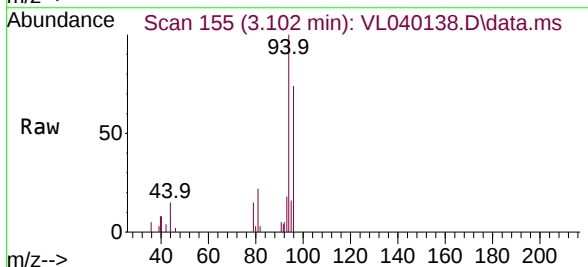
Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 62 Resp: 24844
 Ion Ratio Lower Upper
 62 100
 64 29.3 25.8 38.6



#6
 Bromomethane
 Concen: 0.490 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.000 min
 Lab File: VL040138.D
 Acq: 30 Jan 2023 18:22

Tgt Ion: 94 Resp: 8791
 Ion Ratio Lower Upper
 94 100
 96 74.1 76.2 114.2#

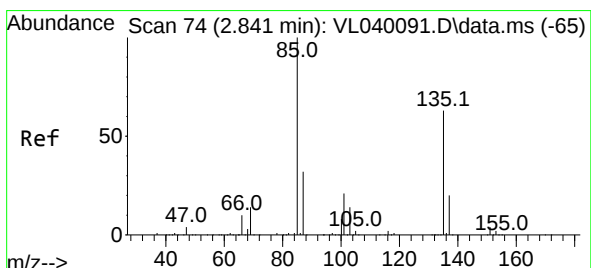
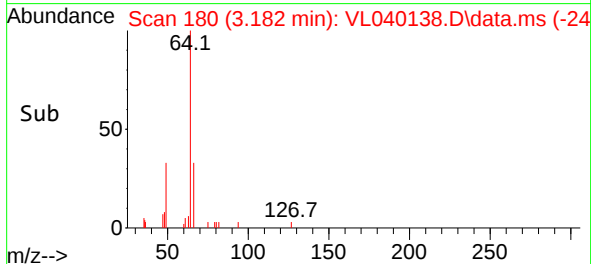
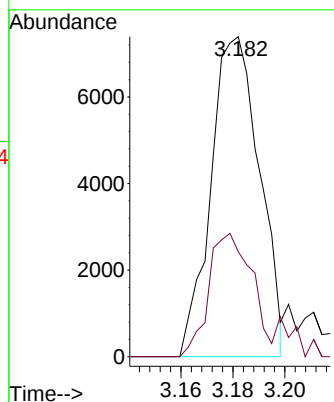
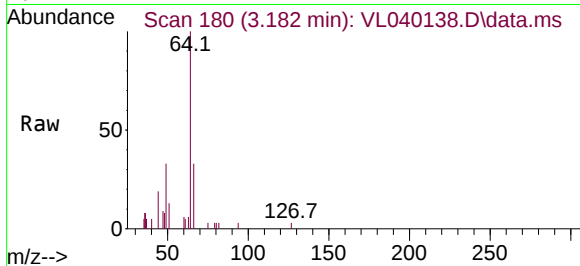




#7
Chloroethane
Concen: 0.512 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

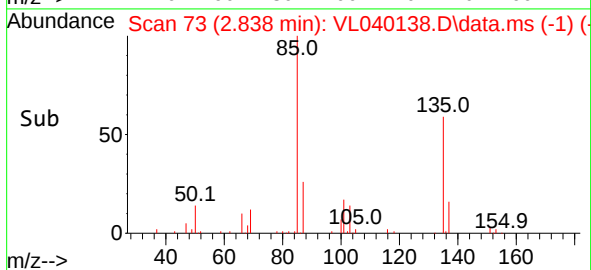
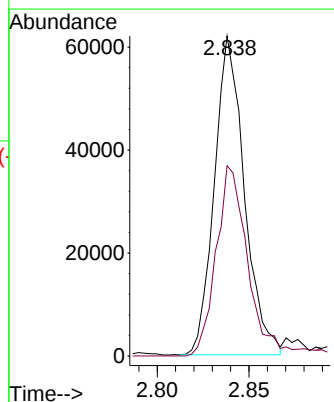
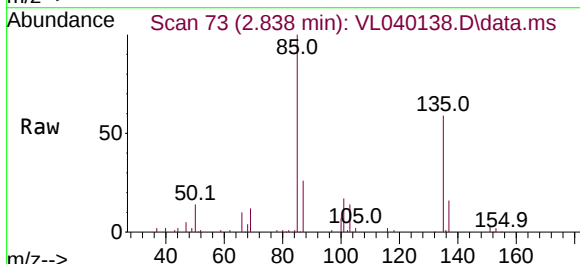
Instrument :
MSVOA_L
ClientSampleId :

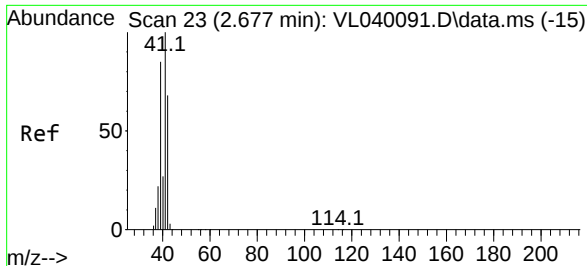
Tgt Ion: 64 Resp: 9624
Ion Ratio Lower Upper
64 100
66 32.8 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 0.548 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.000 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion: 85 Resp: 70183
Ion Ratio Lower Upper
85 100
135 65.6 51.4 77.2

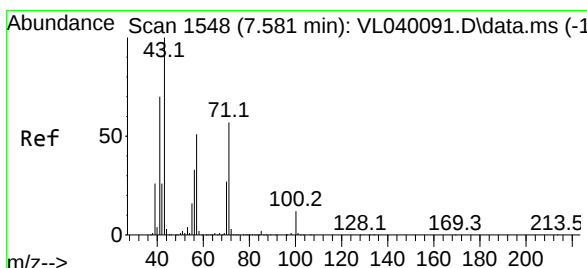
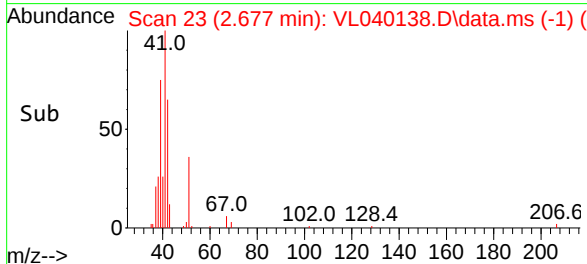
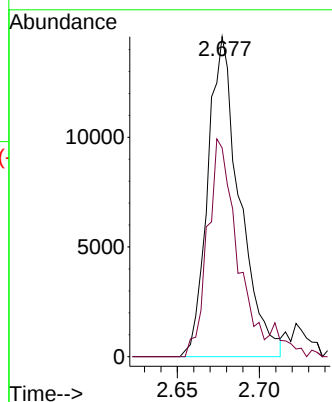
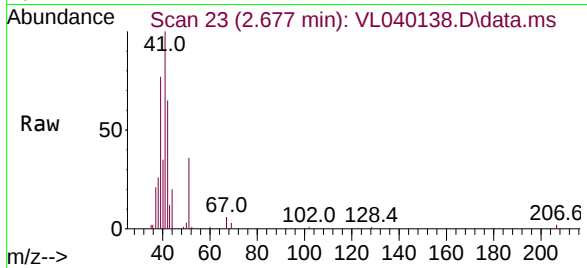




#9
 Propene
 Concen: 0.505 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040138.D
 Acq: 30 Jan 2023 18:22

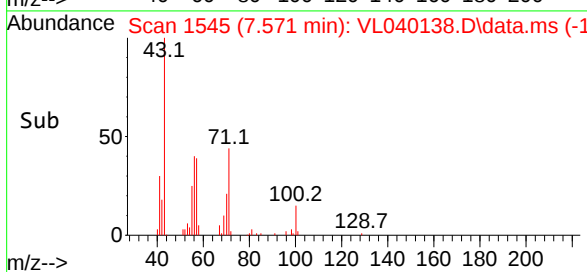
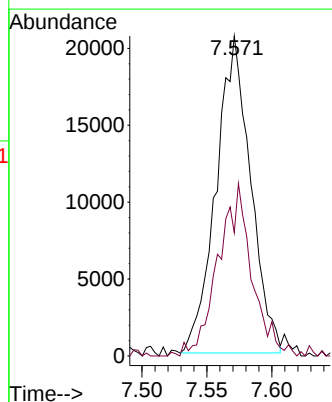
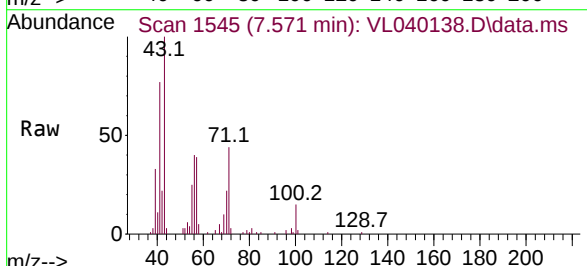
Instrument :
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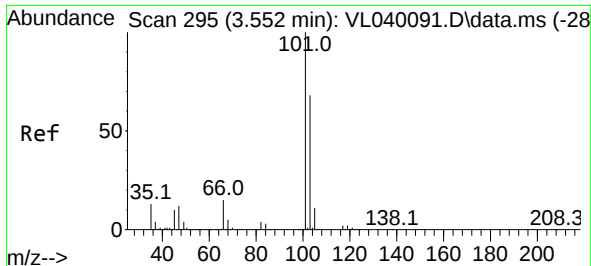
Tgt Ion: 41 Resp: 19695
 Ion Ratio Lower Upper
 41 100
 42 68.6 55.6 83.4



#10
 Heptane
 Concen: 0.424 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. 0.003 min
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Tgt Ion: 43 Resp: 38079
 Ion Ratio Lower Upper
 43 100
 57 53.5 40.9 61.3

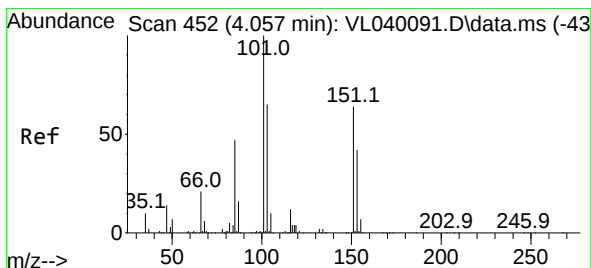
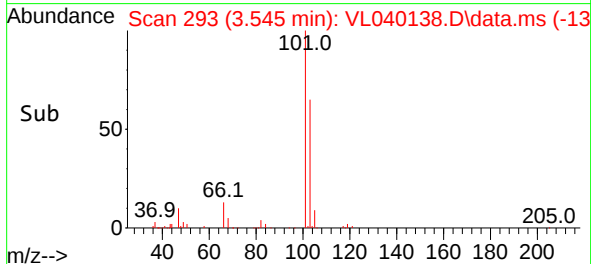
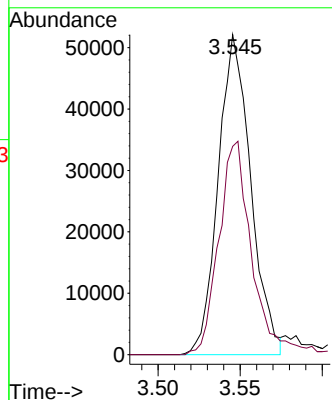
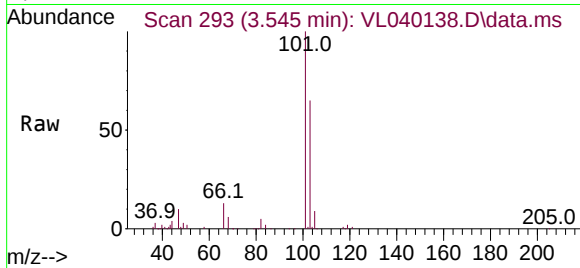




#11
 Trichlorofluoromethane
 Concen: 0.524 ppbv
 RT: 3.545 min Scan# 295
 Delta R.T. -0.000 min
 Lab File: VL040138.D
 Acq: 30 Jan 2023 18:22

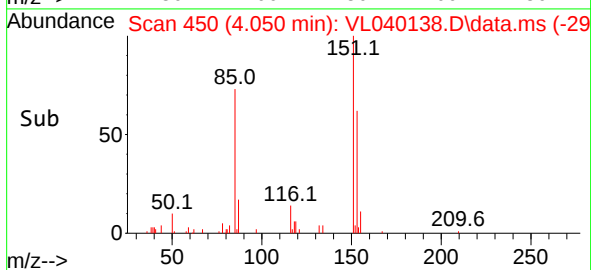
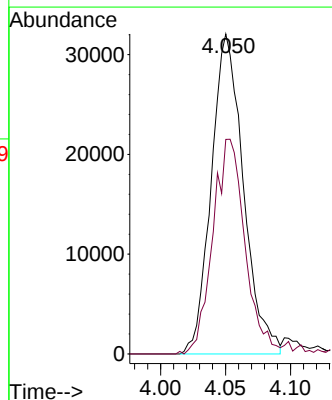
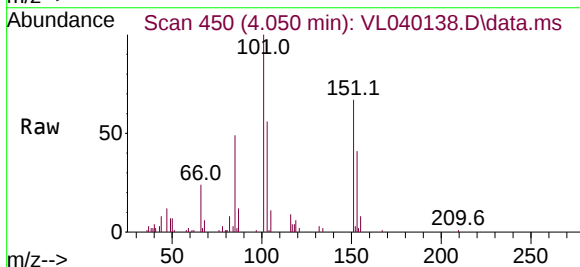
Instrument :
 MSVOA_L
 ClientSampleId :

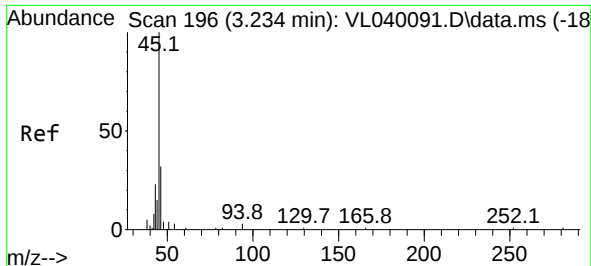
Tgt Ion:101 Resp: 71794
 Ion Ratio Lower Upper
 101 100
 103 65.1 54.0 81.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.536 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. 0.003 min
 Lab File: VL040138.D
 Acq: 30 Jan 2023 18:22

Tgt Ion:101 Resp: 55141
 Ion Ratio Lower Upper
 101 100
 151 69.2 53.2 79.8

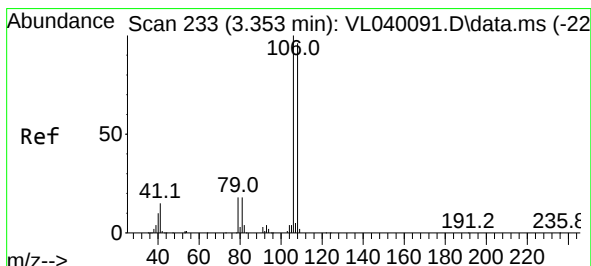
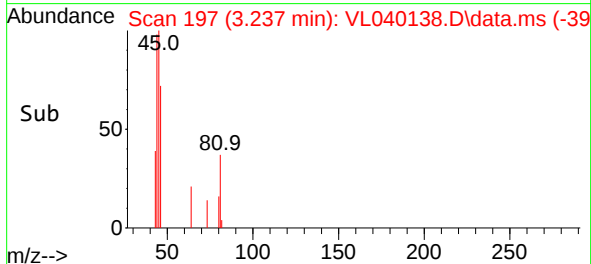
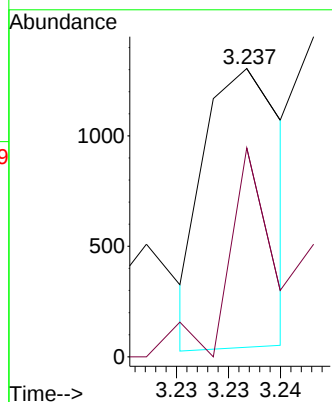
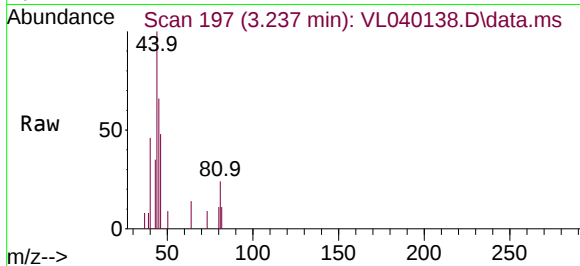




#13
Ethanol
Concen: 0.184 ppbv
RT: 3.237 min Scan# 196
Delta R.T. 0.010 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

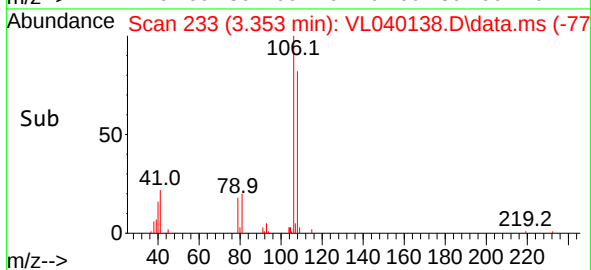
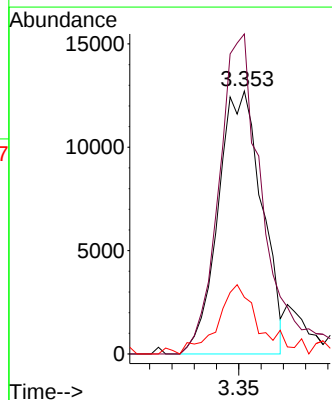
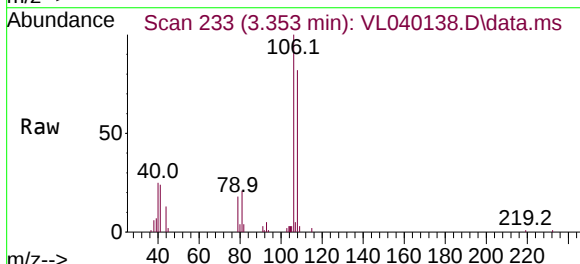
Instrument :
MSVOA_L
ClientSampleId :

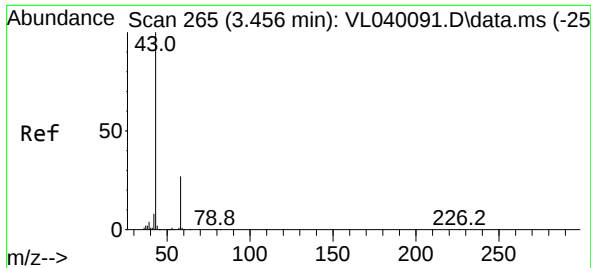
Tgt Ion: 45 Resp: 662
Ion Ratio Lower Upper
45 100
46 182.5 14.8 59.2#



#14
Bromoethene
Concen: 0.454 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.003 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion:108 Resp: 17358
Ion Ratio Lower Upper
108 100
106 128.5 87.0 130.6
79 30.6 16.1 24.1#

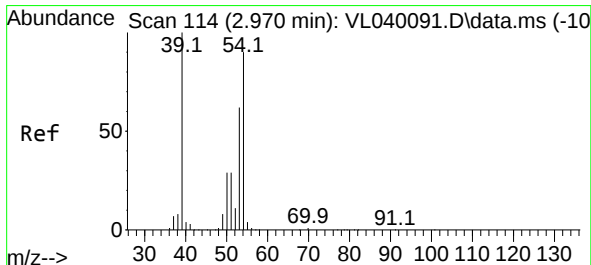
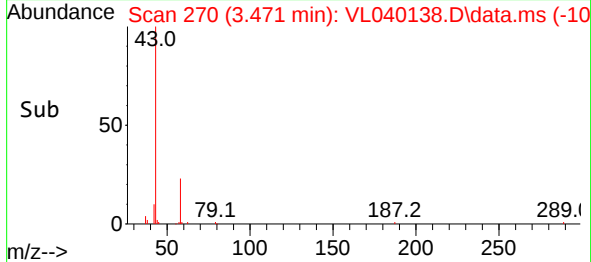
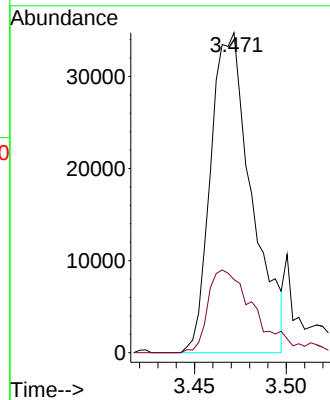
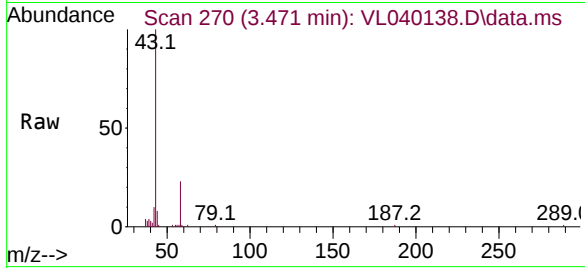




#15
Acetone
Concen: 0.573 ppbv
RT: 3.471 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

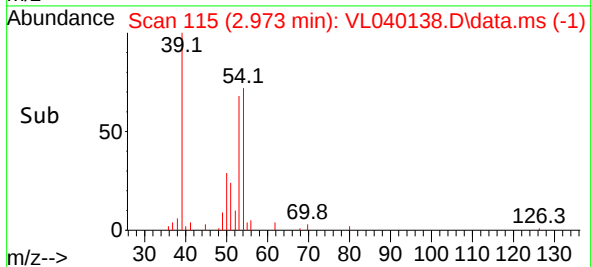
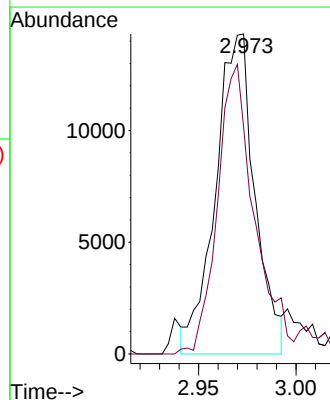
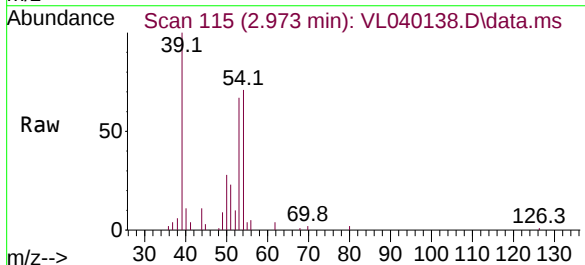
Instrument :
MSVOA_L
ClientSampleId :

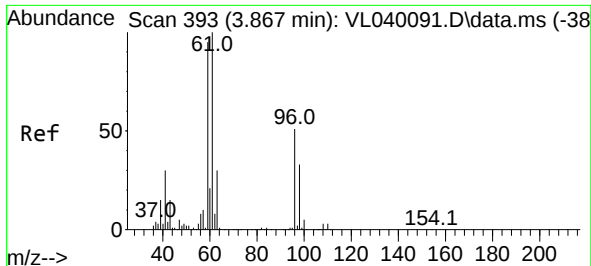
Tgt Ion: 43 Resp: 53753
Ion Ratio Lower Upper
43 100
58 31.1 21.8 32.8



#16
1,3-Butadiene
Concen: 0.462 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.006 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion: 39 Resp: 20206
Ion Ratio Lower Upper
39 100
54 92.5 67.9 101.9





#17

tert-Butyl alcohol

Concen: 0.495 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.019 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

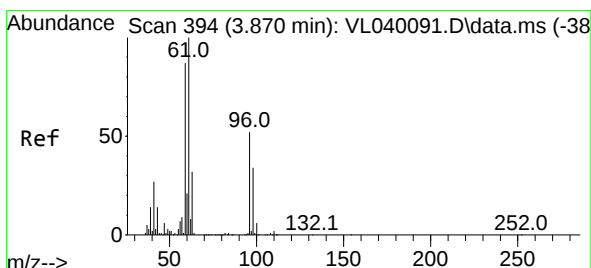
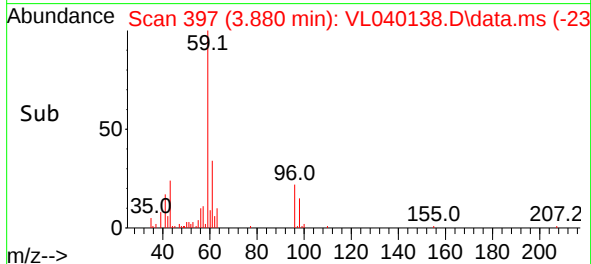
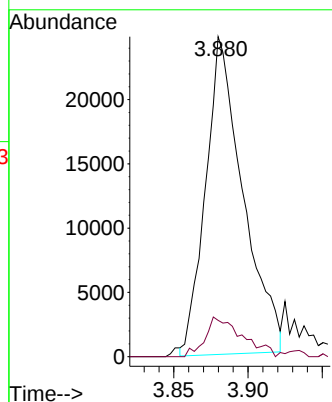
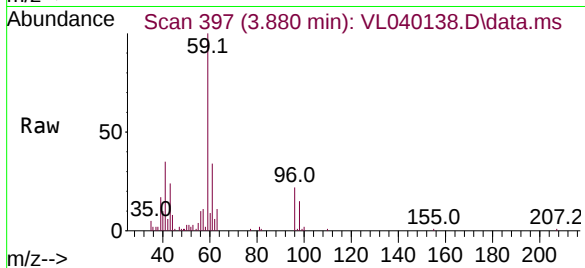
ClientSampleId :

Tgt Ion: 59 Resp: 43269

Ion Ratio Lower Upper

59 100

57 13.2 8.5 12.7#



#18

1,1-Dichloroethene

Concen: 0.493 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.000 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

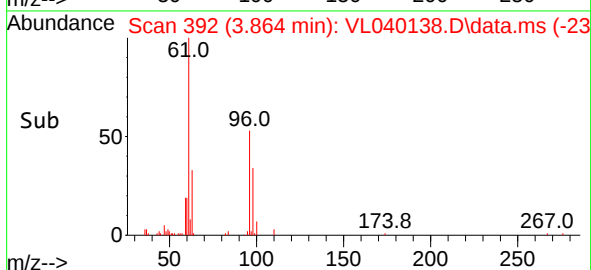
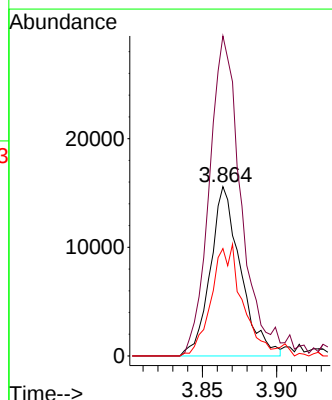
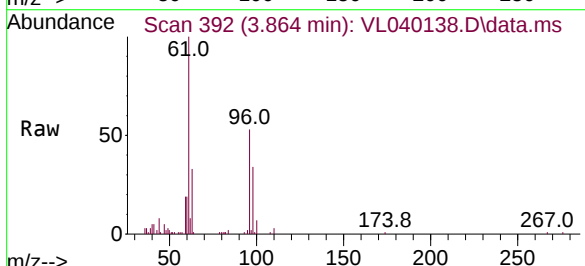
Tgt Ion: 96 Resp: 22042

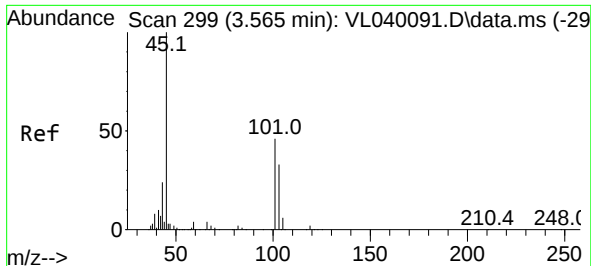
Ion Ratio Lower Upper

96 100

61 189.0 153.0 229.4

98 63.4 52.7 79.1





#19

Isopropyl Alcohol

Concen: 0.513 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.019 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

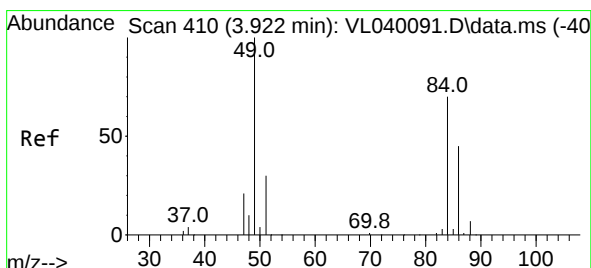
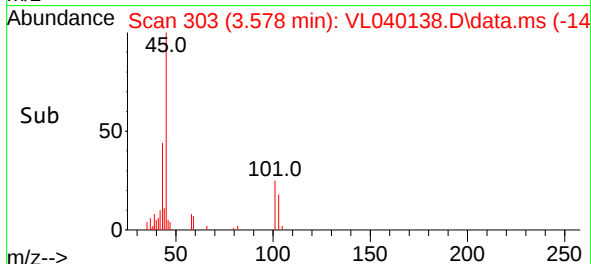
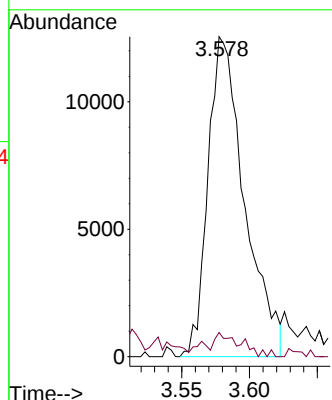
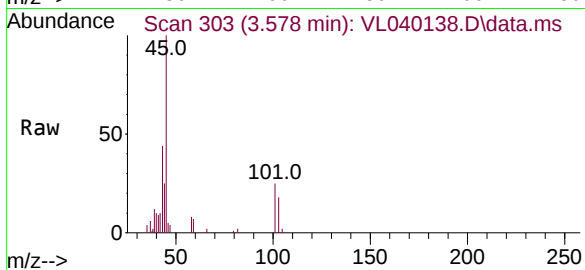
ClientSampleId :

Tgt Ion: 45 Resp: 23539

Ion Ratio Lower Upper

45 100

58 6.8 2.6 4.0#



#20

Methylene Chloride

Concen: 0.573 ppbv

RT: 3.915 min Scan# 408

Delta R.T. -0.000 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Tgt Ion: 84 Resp: 23701

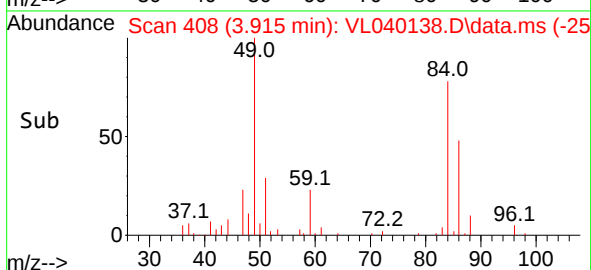
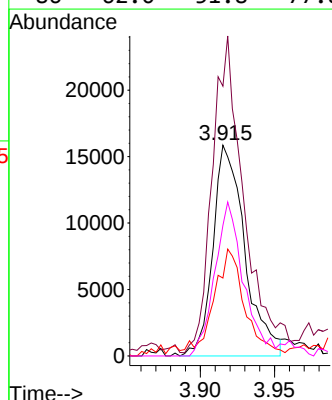
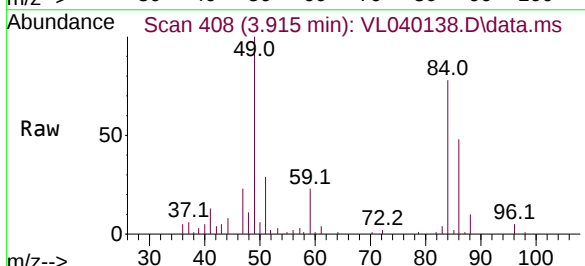
Ion Ratio Lower Upper

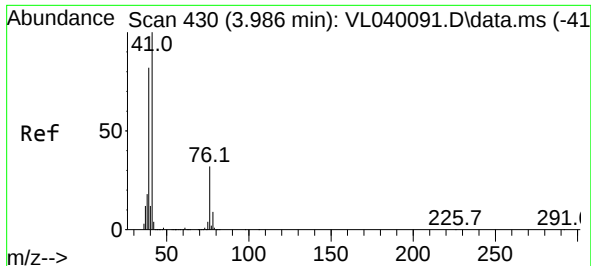
84 100

49 126.3 114.6 171.8

51 34.5 34.3 51.5

86 62.0 51.8 77.8

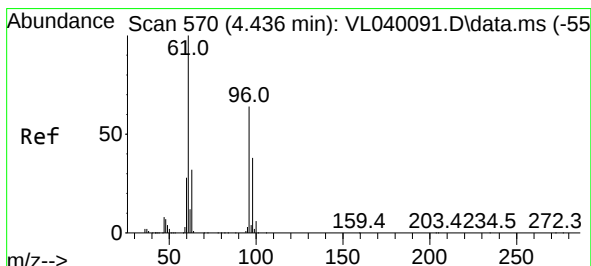
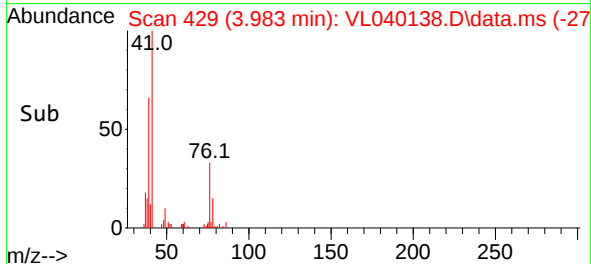
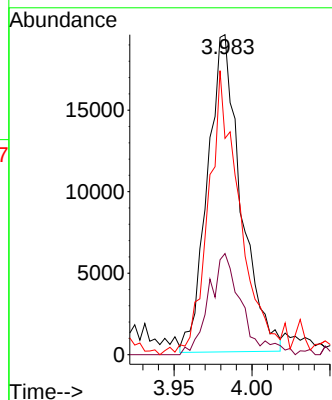
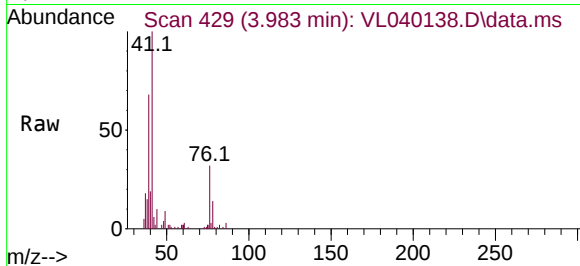




#21
 Allyl Chloride
 Concen: 0.482 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040138.D
 Acq: 30 Jan 2023 18:22

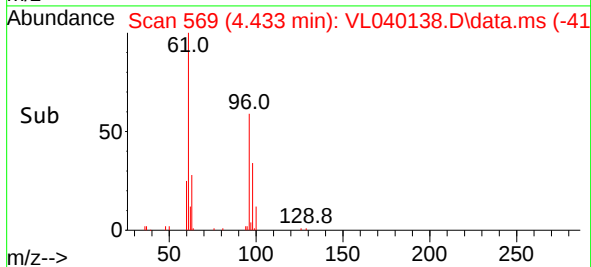
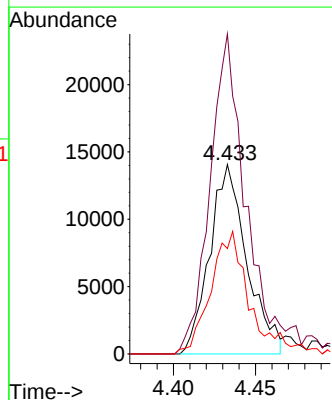
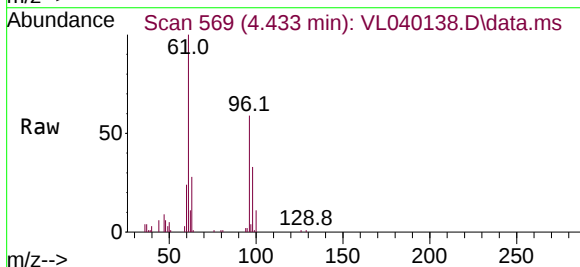
Instrument :
 MSVOA_L
 ClientSampleId :

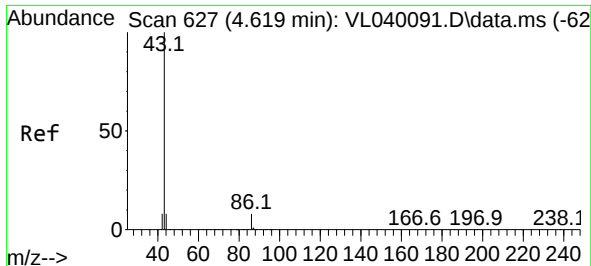
Tgt Ion: 41 Resp: 29042
 Ion Ratio Lower Upper
 41 100
 76 31.3 25.9 38.9
 39 93.2 66.8 100.2



#22
 trans-1,2-Dichloroethene
 Concen: 0.485 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. 0.003 min
 Lab File: VL040138.D
 Acq: 30 Jan 2023 18:22

Tgt Ion: 96 Resp: 22175
 Ion Ratio Lower Upper
 96 100
 61 166.2 125.8 188.8
 98 53.2 47.4 71.2



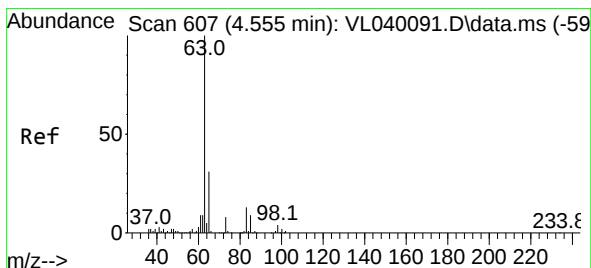
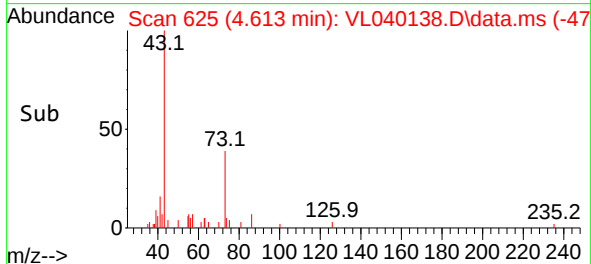
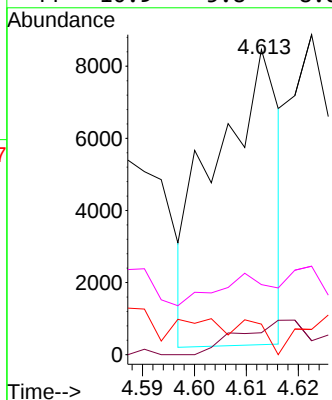
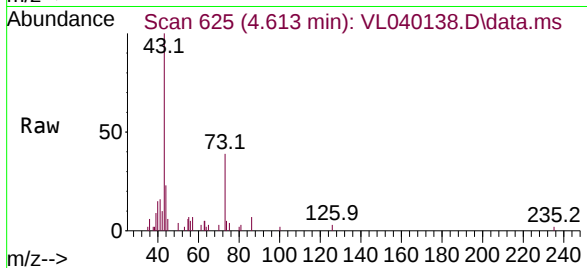


#23
 Vinyl Acetate
 Concen: 0.231 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL040138.D
 Acq: 30 Jan 2023 18:22

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 7020

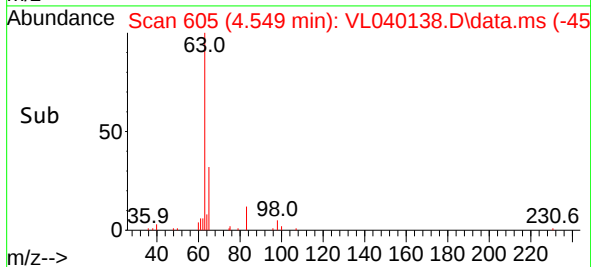
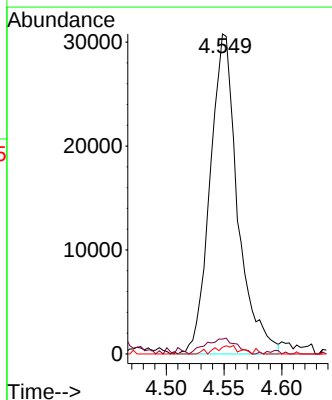
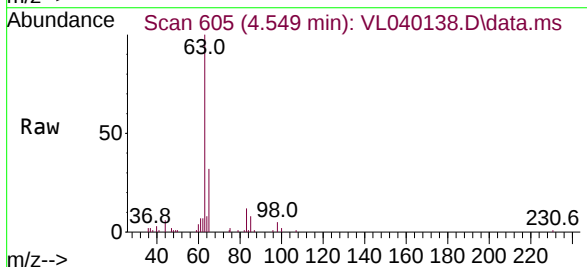
Ion	Ratio	Lower	Upper
43	100		
86	11.4	5.6	8.4#
42	15.8	7.7	11.5#
44	10.9	5.8	8.8#

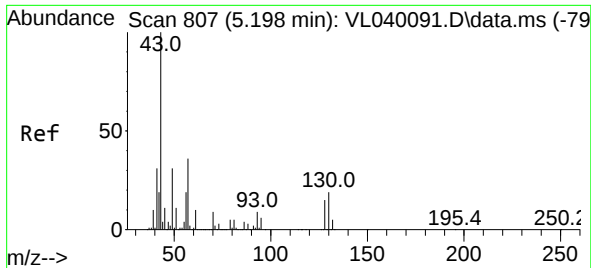


#24
 1,1-Dichloroethane
 Concen: 0.556 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.000 min
 Lab File: VL040138.D
 Acq: 30 Jan 2023 18:22

Tgt Ion: 63 Resp: 51251

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.0	5.8
100	2.1	1.1	3.5





#25

Ethyl Acetate

Concen: 0.512 ppbv

RT: 5.198 min Scan# 807

Delta R.T. 0.010 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 84621

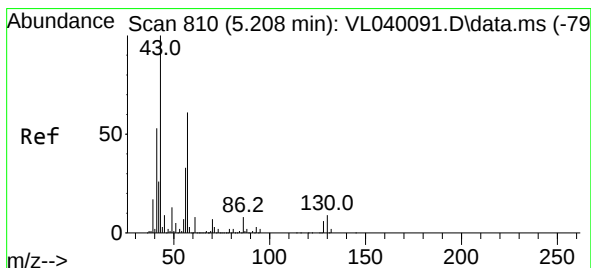
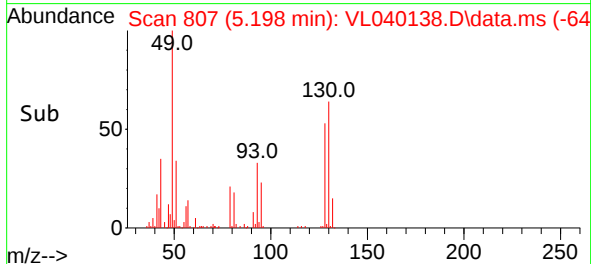
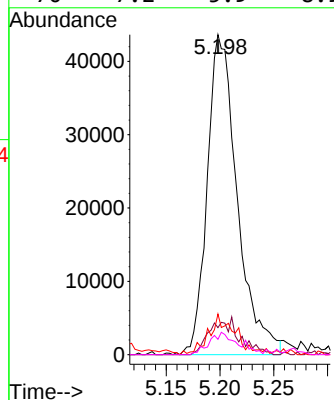
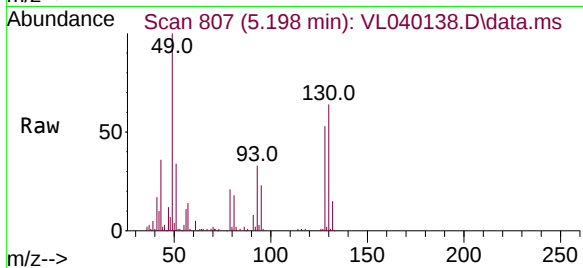
Ion Ratio Lower Upper

43 100

45 11.5 8.5 12.7

61 11.0 8.4 12.6

70 7.2 5.9 8.9



#26

Hexane

Concen: 0.236 ppbv

RT: 5.201 min Scan# 808

Delta R.T. 0.003 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Tgt Ion: 57 Resp: 17097

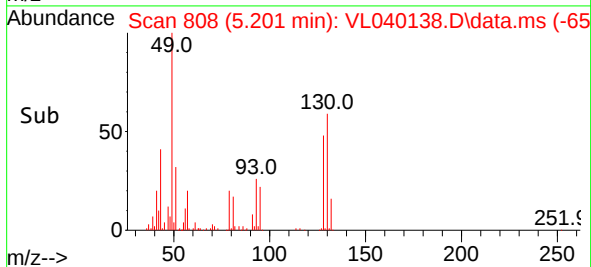
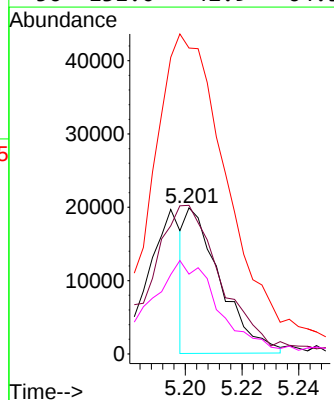
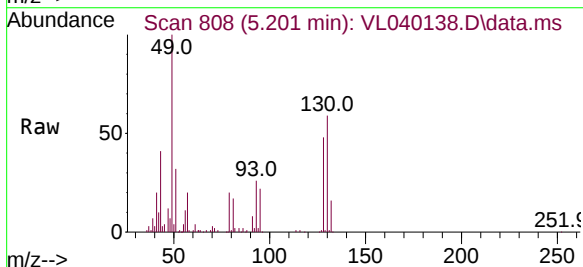
Ion Ratio Lower Upper

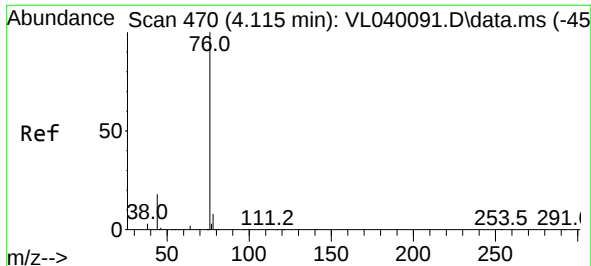
57 100

41 215.5 72.2 108.4#

43 514.2 192.1 288.1#

56 131.0 42.9 64.3#

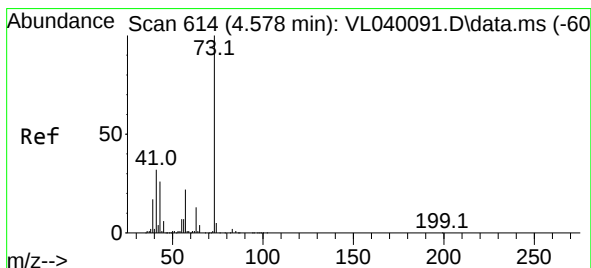
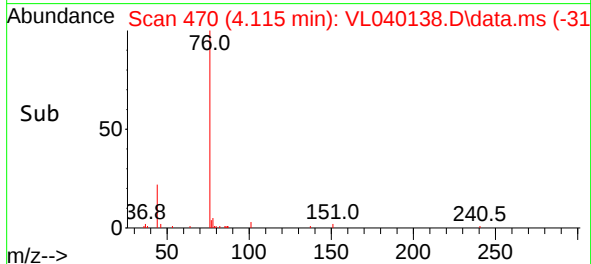
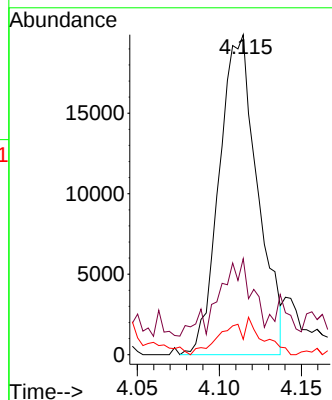
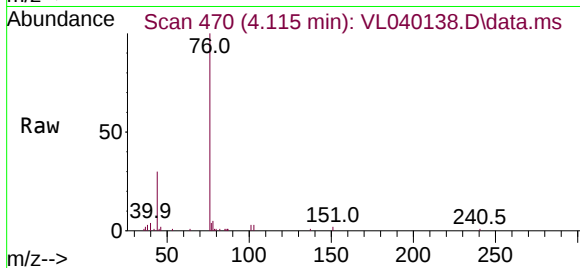




#27
Carbon Disulfide
Concen: 0.344 ppbv
RT: 4.115 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

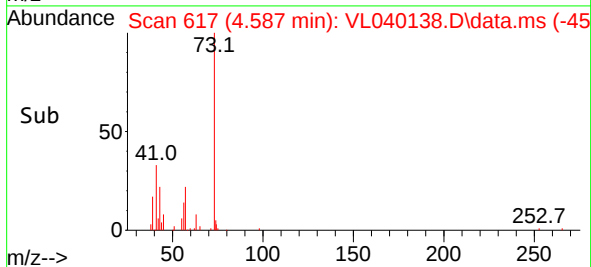
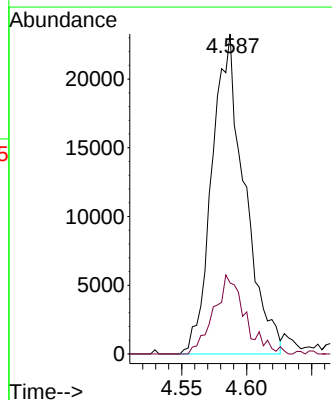
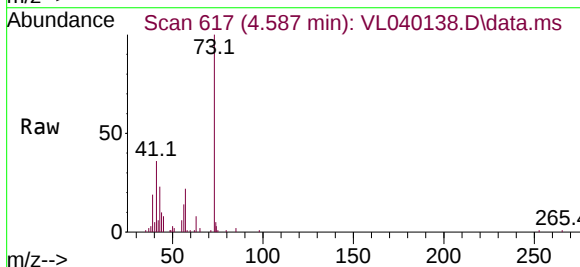
Instrument :
MSVOA_L
ClientSampleId :

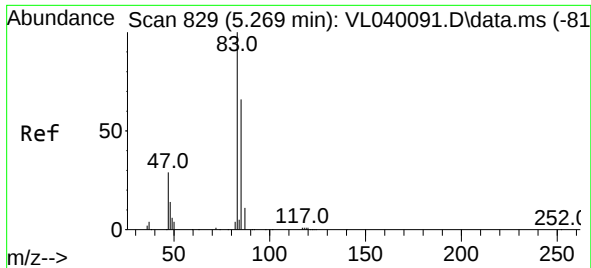
Tgt Ion: 76 Resp: 32271
Ion Ratio Lower Upper
76 100
44 22.6 14.9 22.3#
78 11.3 8.2 12.2



#28
Methyl tert-Butyl Ether
Concen: 0.499 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.019 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion: 73 Resp: 40579
Ion Ratio Lower Upper
73 100
57 23.8 18.3 27.5

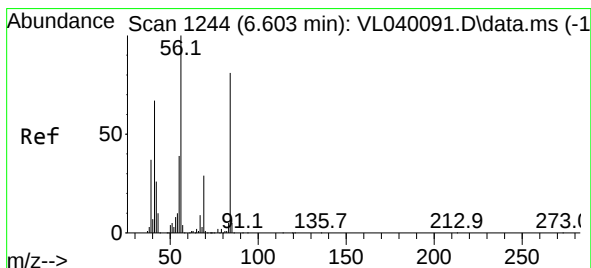
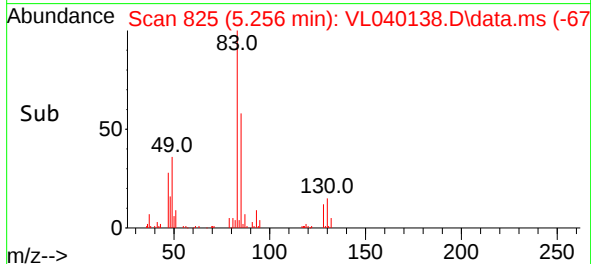
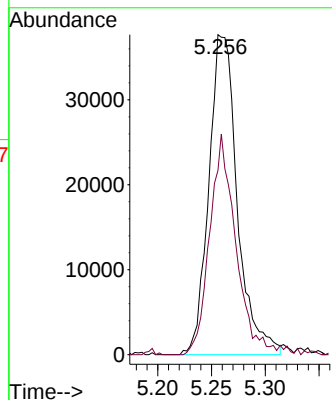
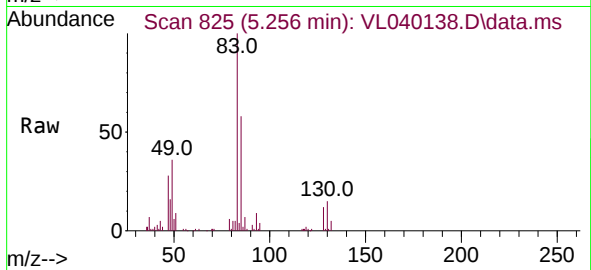




#29
Chloroform
Concen: 0.601 ppbv
RT: 5.256 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

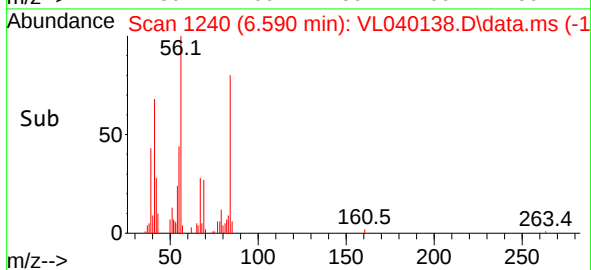
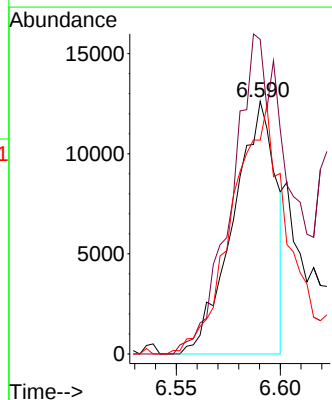
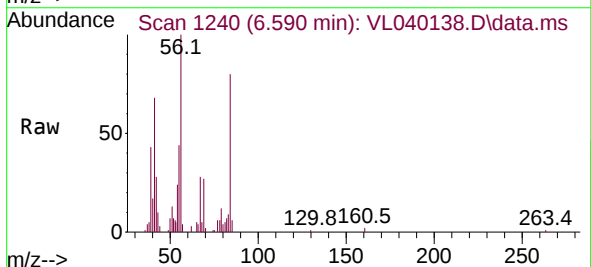
Instrument :
MSVOA_L
ClientSampleId :

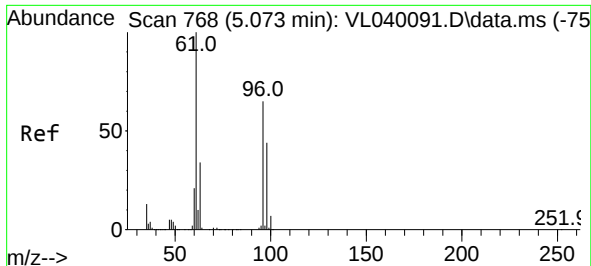
Tgt Ion: 83 Resp: 69530
Ion Ratio Lower Upper
83 100
85 57.6 53.1 79.7



#30
Cyclohexane
Concen: 0.313 ppbv
RT: 6.590 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion: 84 Resp: 18004
Ion Ratio Lower Upper
84 100
56 157.3 111.5 167.3
41 137.9 71.4 107.0#

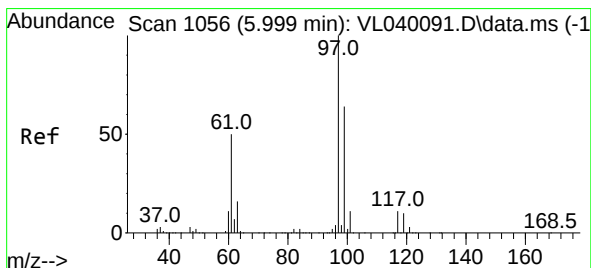
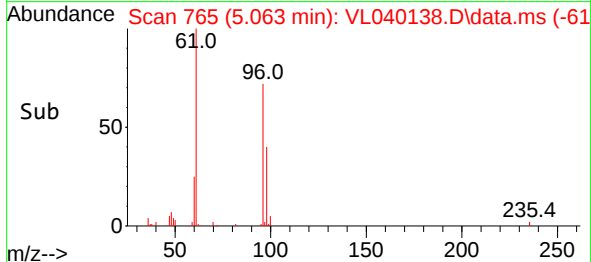
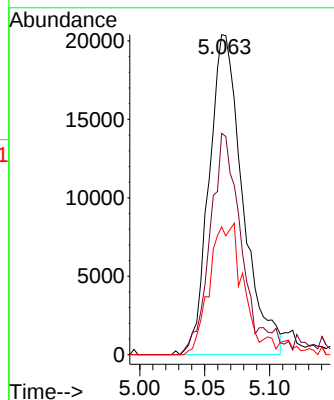
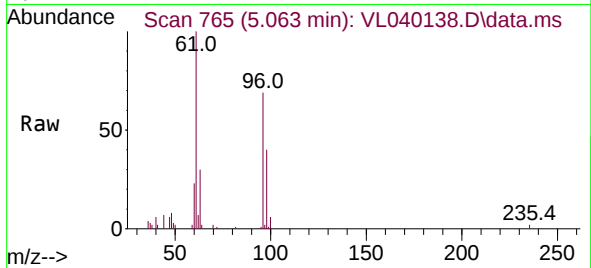




#31
 cis-1,2-Dichloroethene
 Concen: 0.525 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. -0.000 min
 Lab File: VL040138.D
 Acq: 30 Jan 2023 18:22

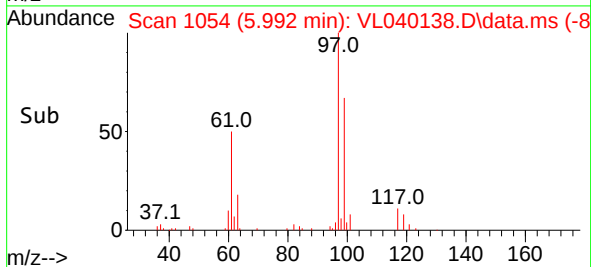
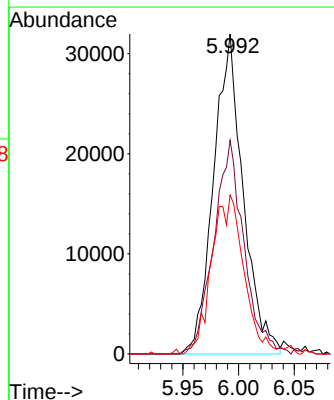
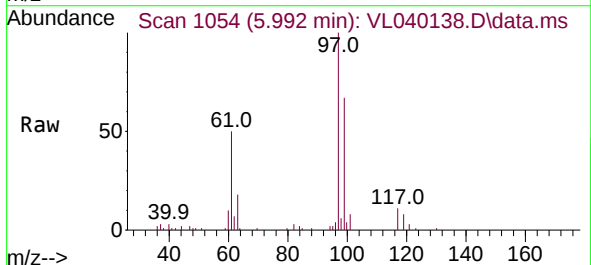
Instrument :
 MSVOA_L
 ClientSampleId :

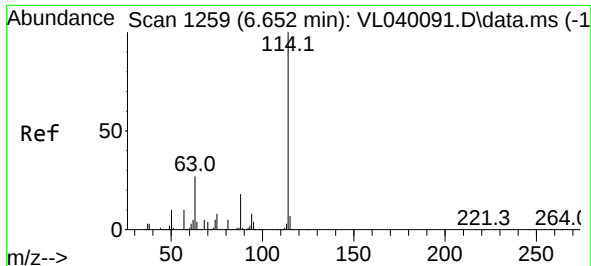
Tgt Ion:	61	Resp:	36781
Ion Ratio	Lower	Upper	
61	100		
96	69.2	52.0	78.0
98	39.9	35.3	52.9



#32
 1,1,1-Trichloroethane
 Concen: 0.502 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. 0.003 min
 Lab File: VL040138.D
 Acq: 30 Jan 2023 18:22

Tgt Ion:	97	Resp:	59005
Ion Ratio	Lower	Upper	
97	100		
99	68.4	51.8	77.6
61	55.3	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: VL040138.D

Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

ClientSampleId :

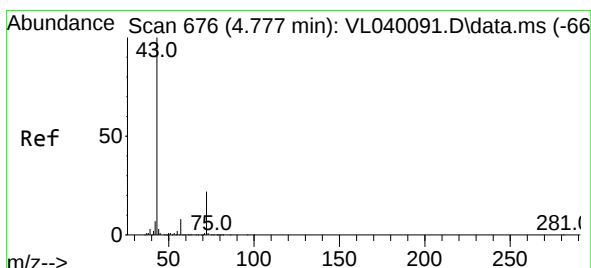
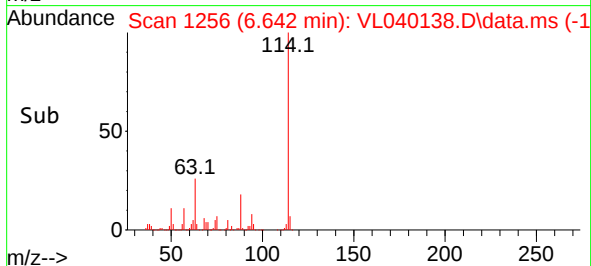
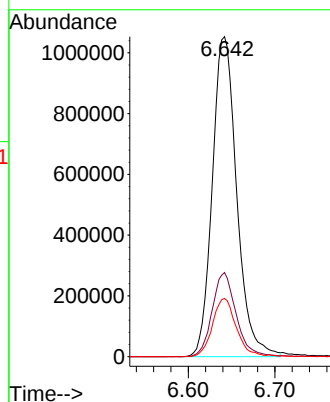
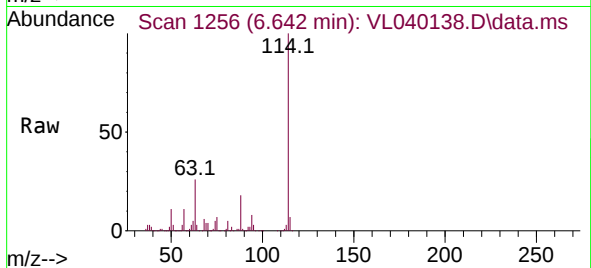
Tgt Ion:114 Resp: 2067313

Ion Ratio Lower Upper

114 100

63 26.2 21.8 32.8

88 18.0 14.8 22.2



#34

2-Butanone

Concen: 0.524 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.013 min

Lab File: VL040138.D

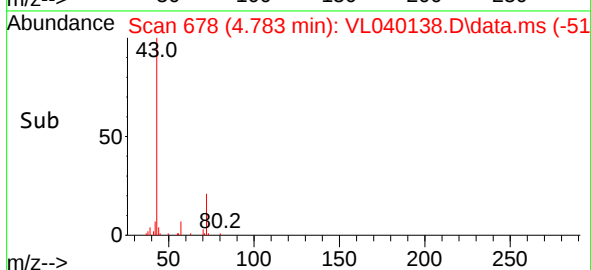
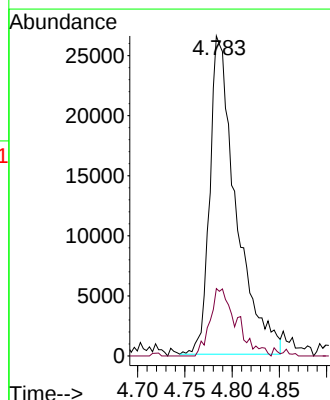
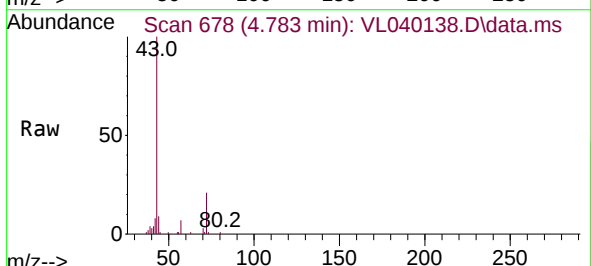
Acq: 30 Jan 2023 18:22

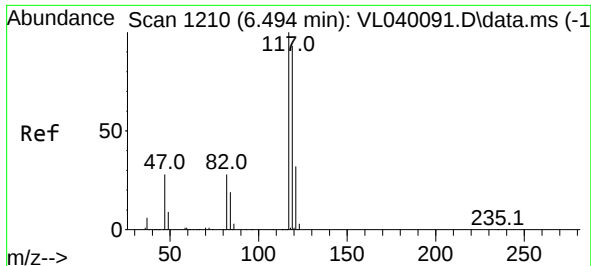
Tgt Ion: 43 Resp: 51278

Ion Ratio Lower Upper

43 100

72 21.5 18.4 27.6

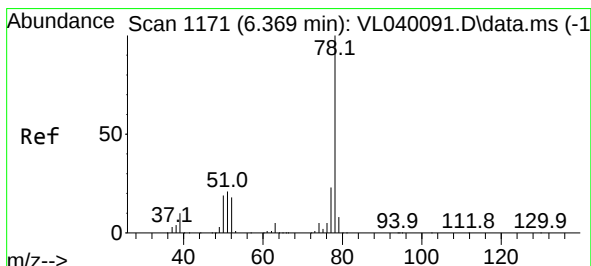
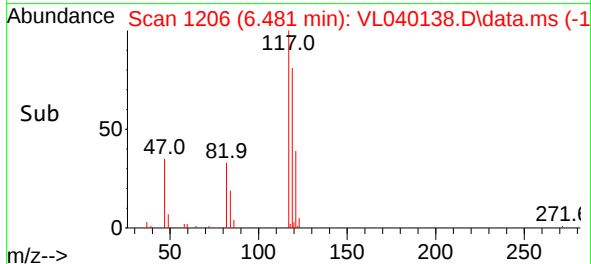
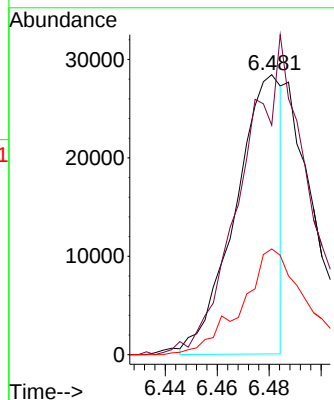
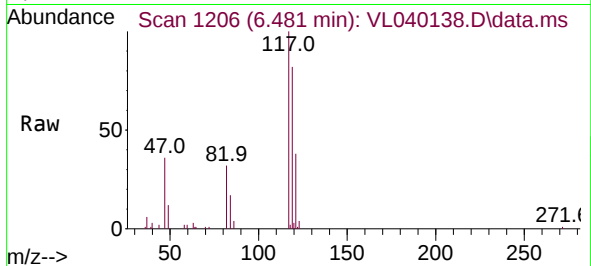




#35
Carbon Tetrachloride
Concen: 0.299 ppbv
RT: 6.481 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

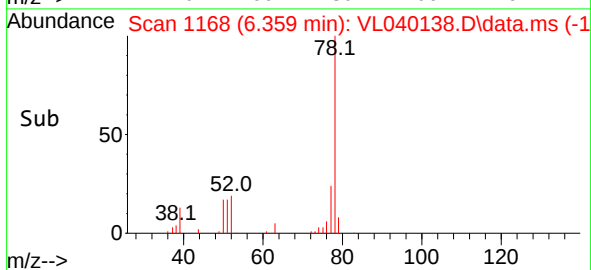
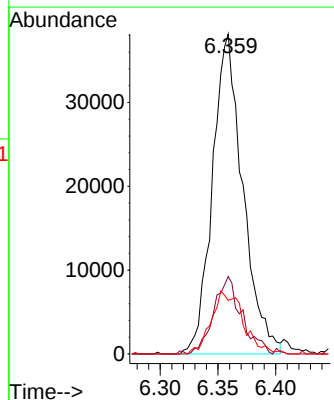
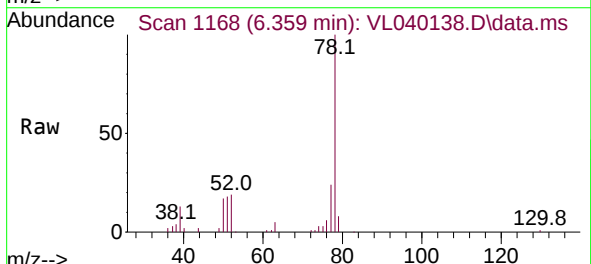
Instrument :
MSVOA_L
ClientSampleId :

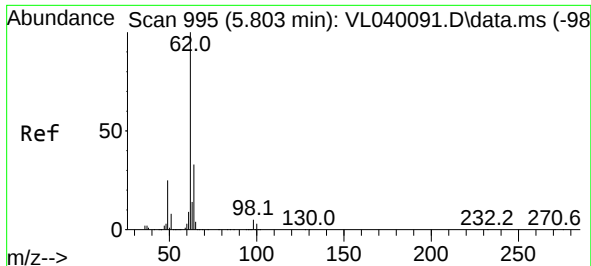
Tgt Ion:117 Resp: 34977
Ion Ratio Lower Upper
117 100
119 79.0 74.5 111.7
121 37.7 25.4 38.0



#36
Benzene
Concen: 0.456 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion: 78 Resp: 69775
Ion Ratio Lower Upper
78 100
77 23.5 18.1 27.1
50 16.7 15.6 23.4

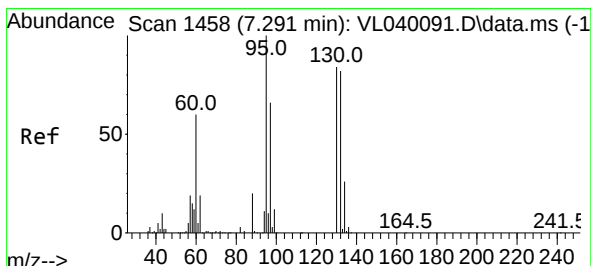
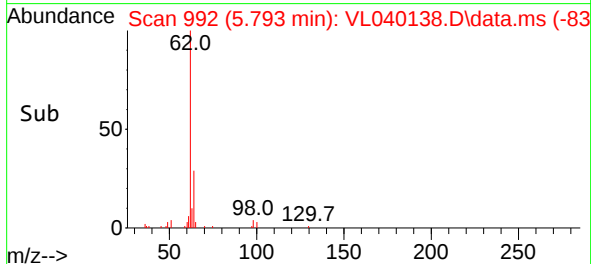
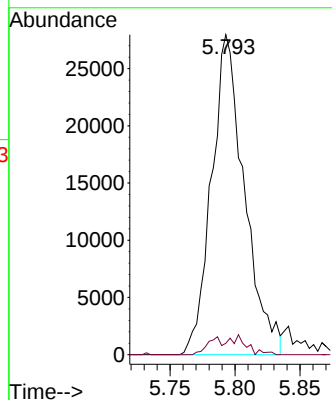
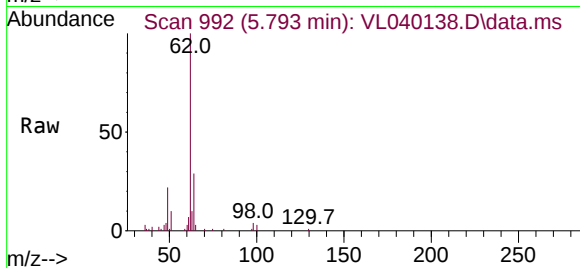




#37
1,2-Dichloroethane
Concen: 0.500 ppbv
RT: 5.793 min Scan# 995
Delta R.T. 0.003 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

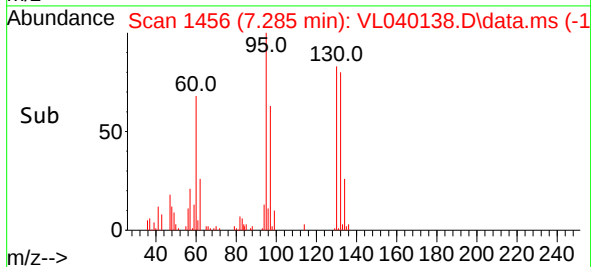
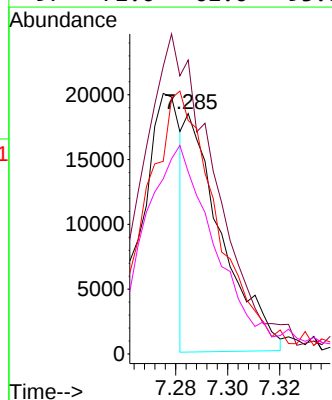
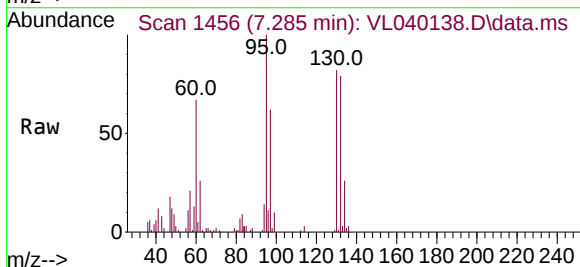
Instrument :
MSVOA_L
ClientSampleId :

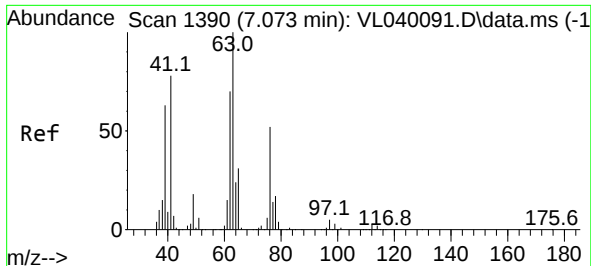
Tgt Ion: 62 Resp: 49180
Ion Ratio Lower Upper
62 100
98 5.8 4.4 6.6



#38
Trichloroethene
Concen: 0.209 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion: 130 Resp: 18148
Ion Ratio Lower Upper
130 100
95 117.4 95.0 142.6
132 92.9 77.9 116.9
97 72.6 62.6 93.8





#39

1,2-Dichloropropane

Concen: 0.516 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

ClientSampleId :

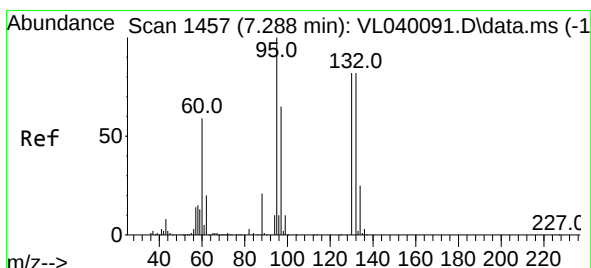
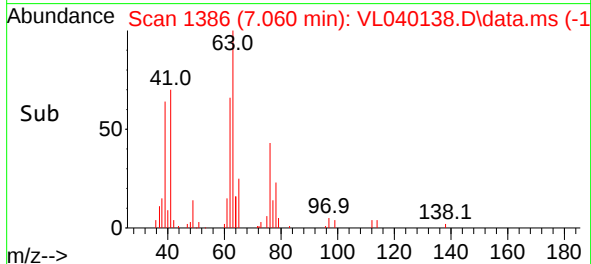
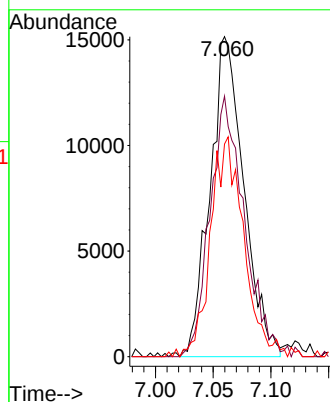
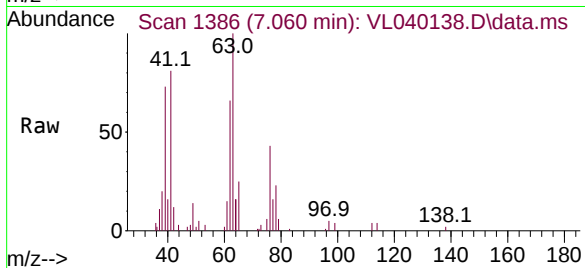
Tgt Ion: 63 Resp: 30871

Ion Ratio Lower Upper

63 100

41 81.4 62.2 93.4

62 66.4 55.8 83.8



#40

1,4-Dioxane

Concen: 0.241 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.035 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Tgt Ion: 88 Resp: 5723

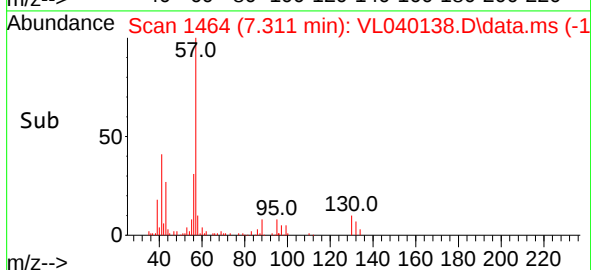
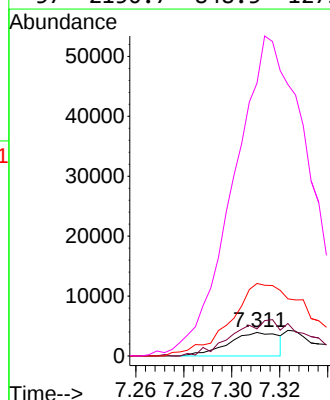
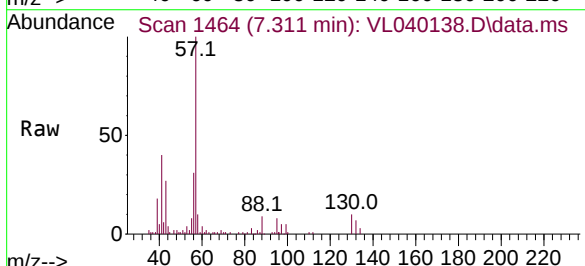
Ion Ratio Lower Upper

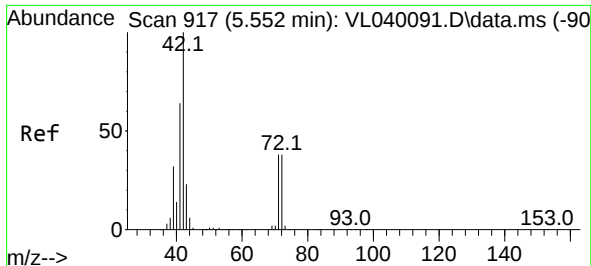
88 100

58 255.2 97.5 146.3#

43 514.7 195.0 292.4#

57 2150.7 848.5 1272.7#

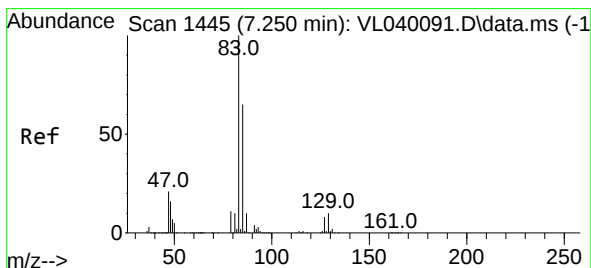
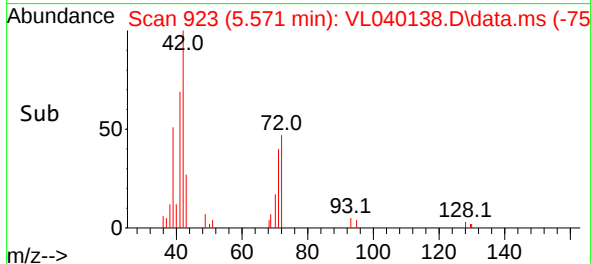
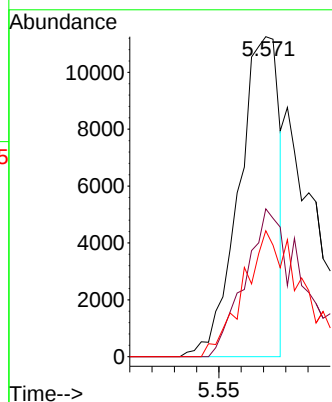
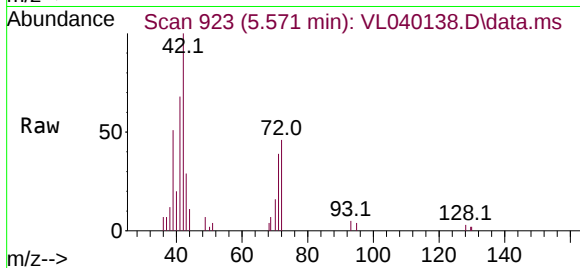




#41
Tetrahydrofuran
Concen: 0.250 ppbv
RT: 5.571 min Scan# 917
Delta R.T. 0.029 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

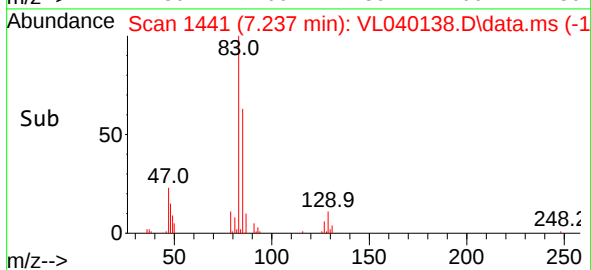
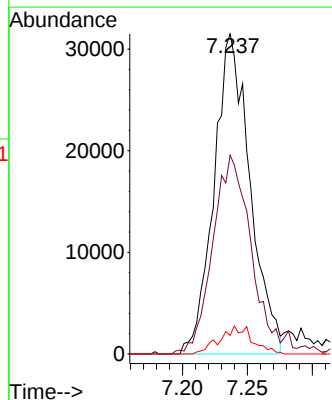
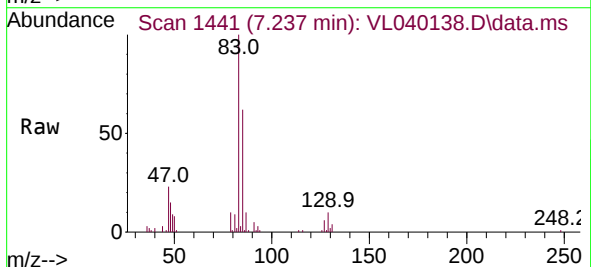
Instrument :
MSVOA_L
ClientSampleId :

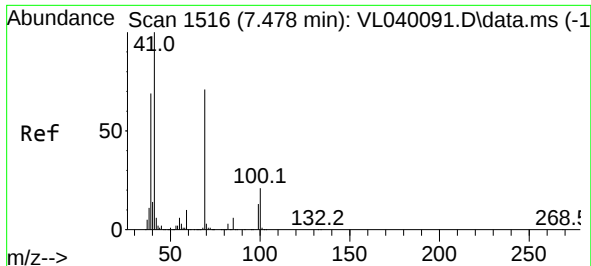
Tgt Ion: 42 Resp: 14101
Ion Ratio Lower Upper
42 100
72 69.3 31.9 47.9#
71 65.8 31.4 47.2#



#42
Bromodichloromethane
Concen: 0.457 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion: 83 Resp: 60704
Ion Ratio Lower Upper
83 100
85 60.9 51.7 77.5
127 5.8 6.2 9.2#

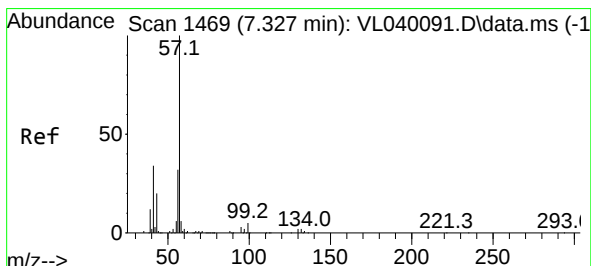
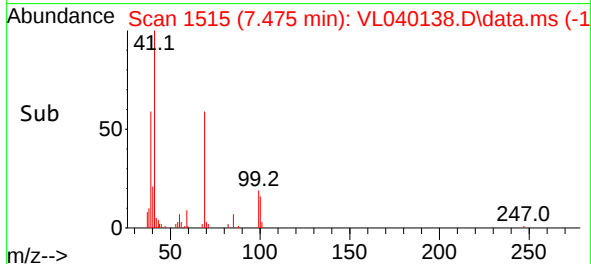
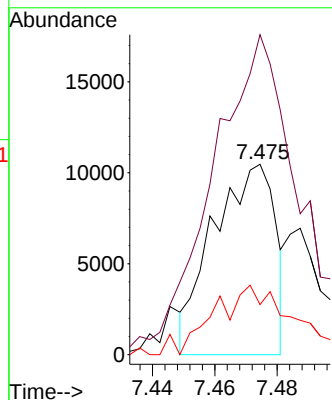
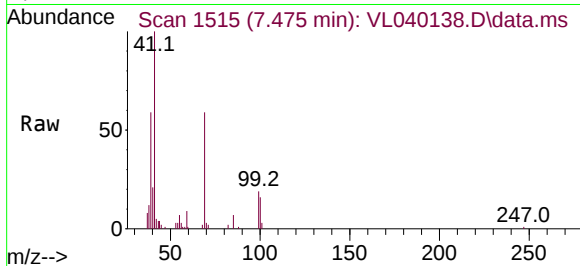




#43
Methyl Methacrylate
Concen: 0.258 ppbv
RT: 7.475 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

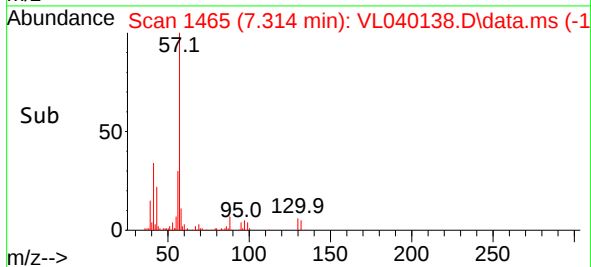
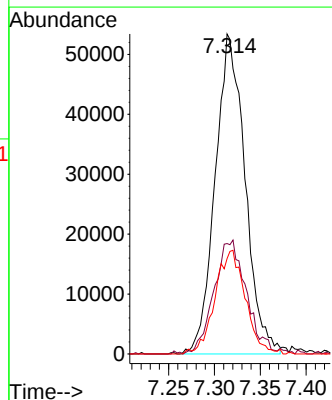
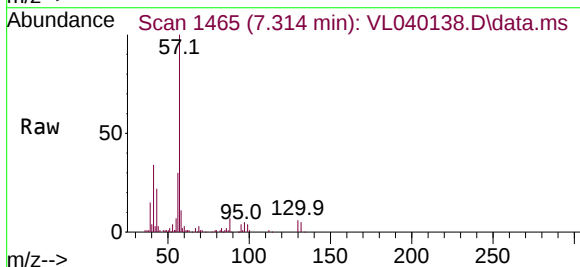
Instrument :
MSVOA_L
ClientSampleId :

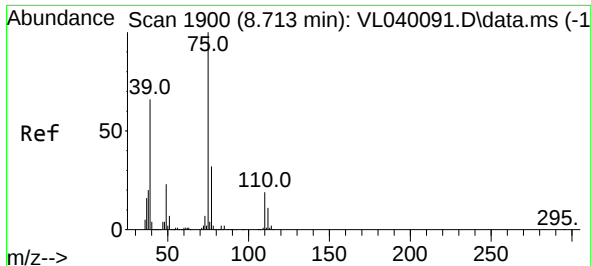
Tgt Ion: 69 Resp: 14472
Ion Ratio Lower Upper
69 100
41 245.4 118.2 177.2#
100 49.8 24.2 36.4#



#44
2,2,4-Trimethylpentane
Concen: 0.475 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion: 57 Resp: 120927
Ion Ratio Lower Upper
57 100
41 39.4 27.1 40.7
56 33.1 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 0.110 ppbv

RT: 8.696 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

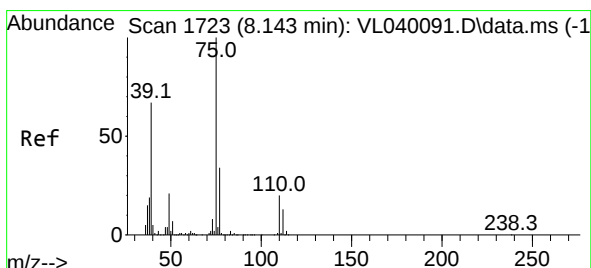
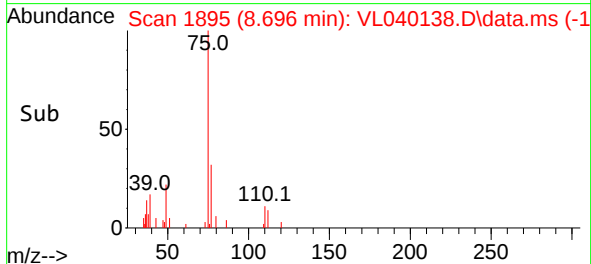
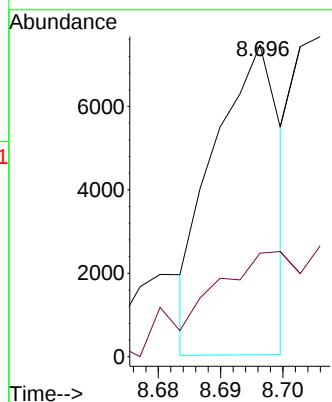
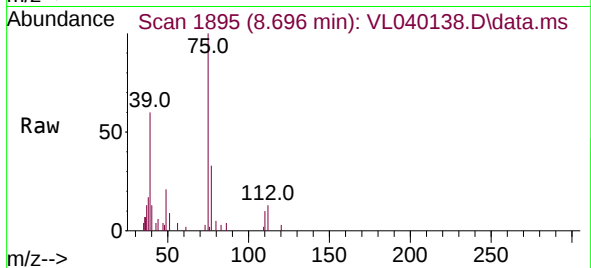
ClientSampleId :

Tgt Ion: 75 Resp: 5521

Ion Ratio Lower Upper

75 100

77 33.2 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 0.327 ppbv

RT: 8.137 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

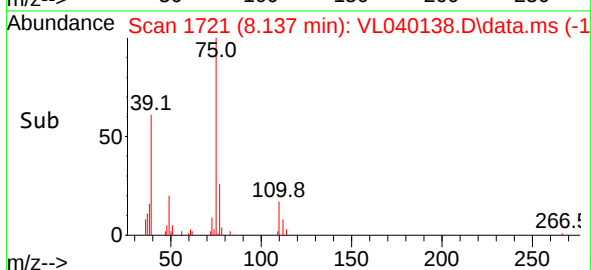
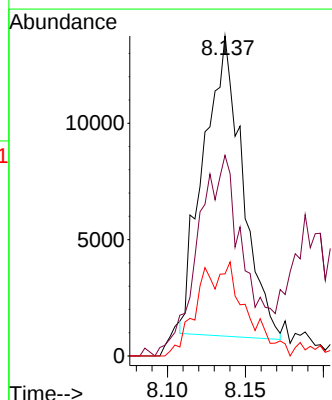
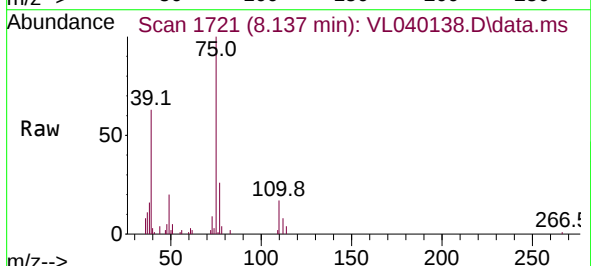
Tgt Ion: 75 Resp: 22398

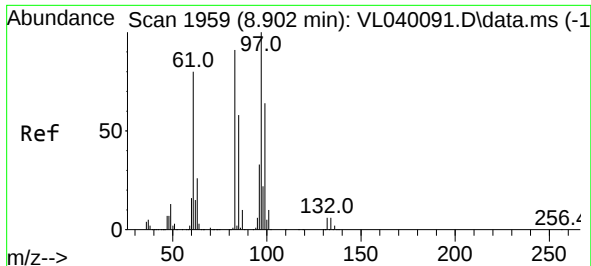
Ion Ratio Lower Upper

75 100

39 53.8 53.6 80.4

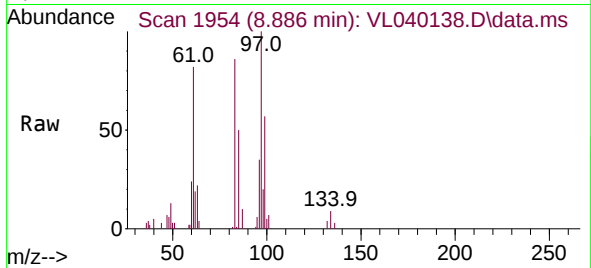
77 24.6 26.9 40.3#





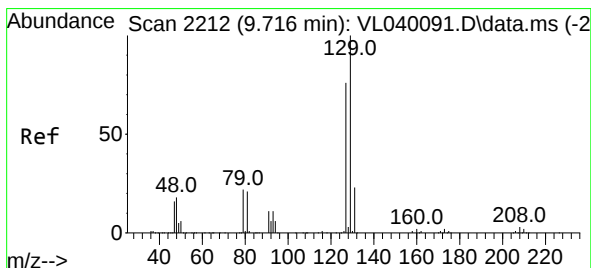
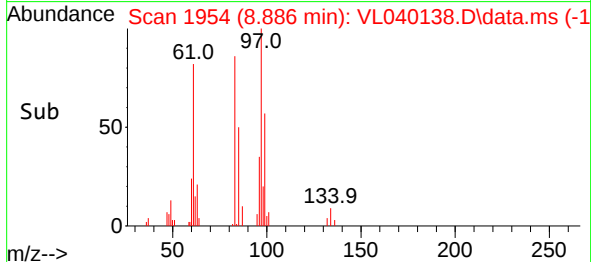
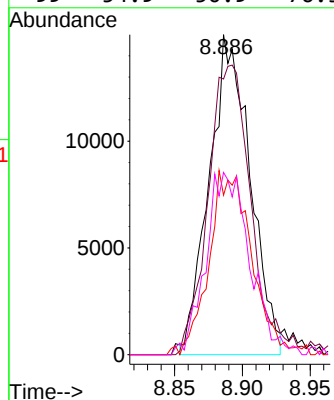
#47
1,1,2-Trichloroethane
Concen: 0.499 ppbv
RT: 8.886 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 97 Resp: 31439

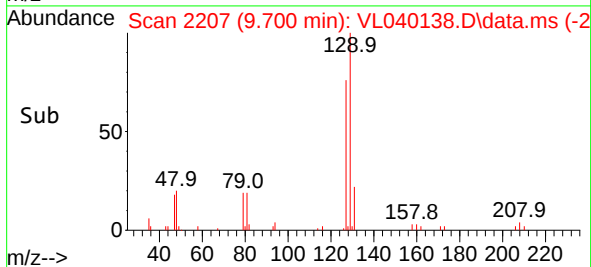
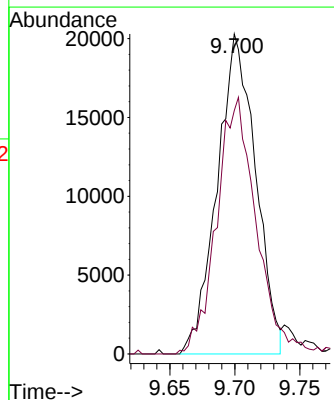
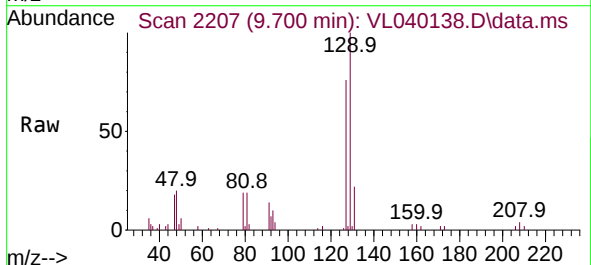
Ion	Ratio	Lower	Upper
97	100		
83	87.6	72.9	109.3
85	51.4	46.0	69.0
99	54.9	50.9	76.3

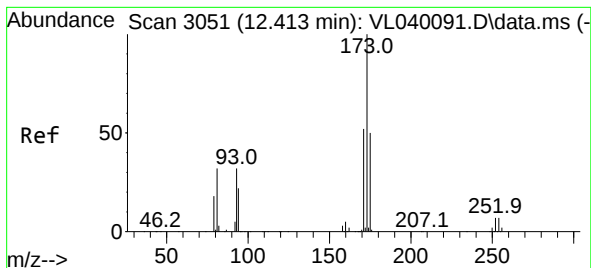


#48
Dibromochloromethane
Concen: 0.413 ppbv
RT: 9.700 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion: 129 Resp: 41805

Ion	Ratio	Lower	Upper
129	100		
127	82.3	39.3	117.9





#49

Bromoform

Concen: 0.421 ppbv

RT: 12.400 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

ClientSampleId :

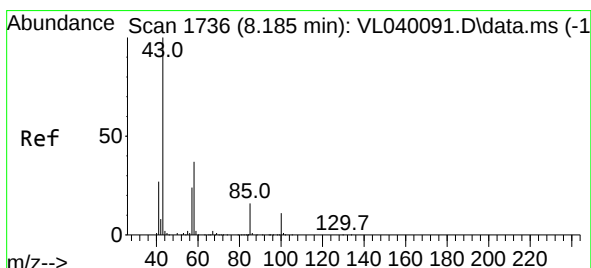
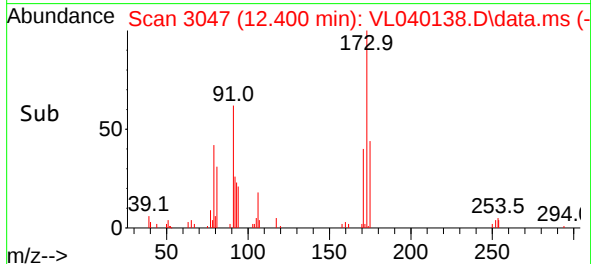
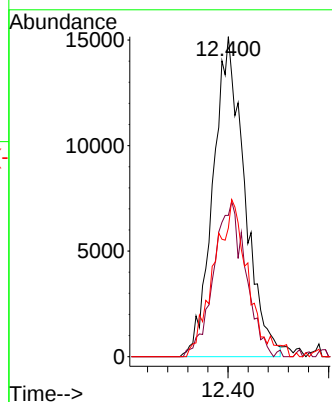
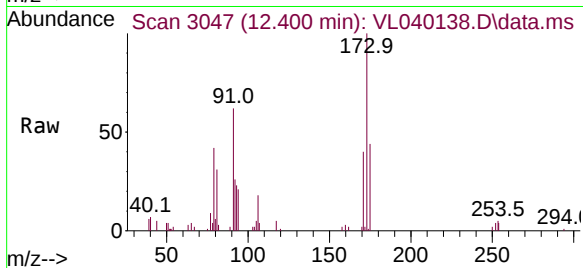
Tgt Ion:173 Resp: 32879

Ion Ratio Lower Upper

173 100

175 49.5 39.7 59.5

171 53.0 42.2 63.2



#50

4-Methyl-2-Pentanone

Concen: 0.218 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. 0.022 min

Lab File: VL040138.D

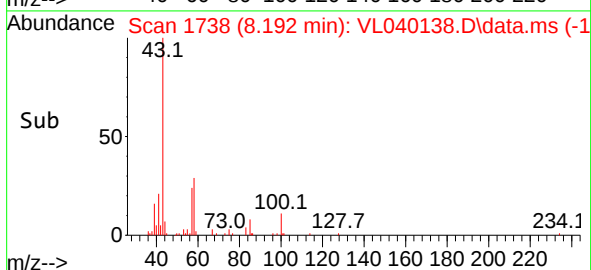
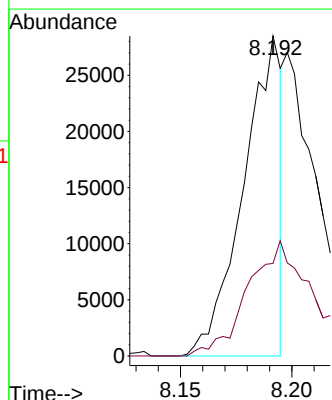
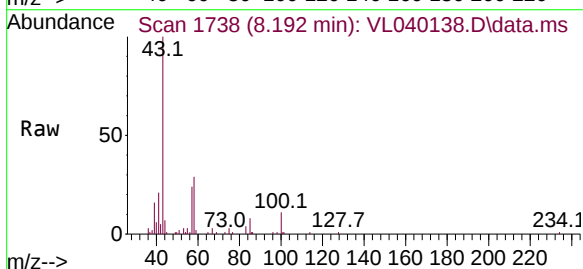
Acq: 30 Jan 2023 18:22

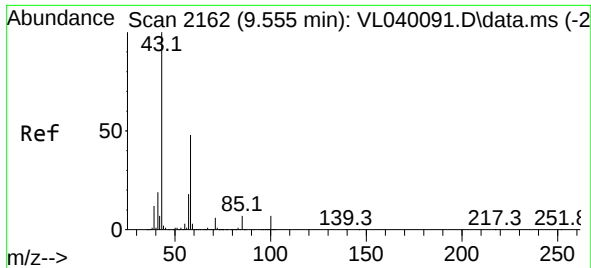
Tgt Ion: 43 Resp: 33578

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#

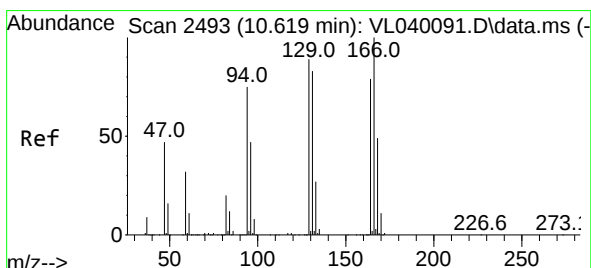
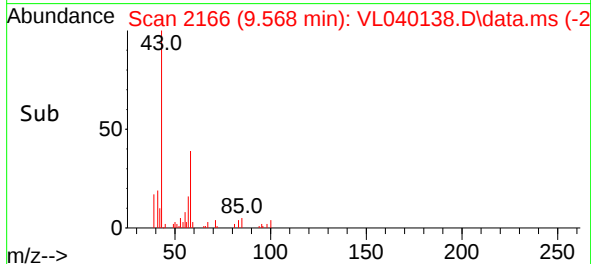
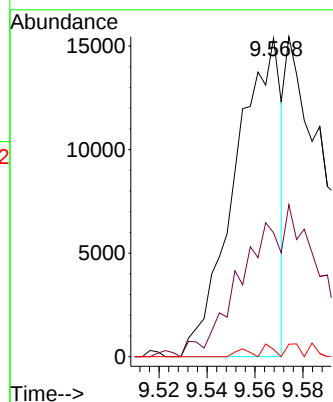
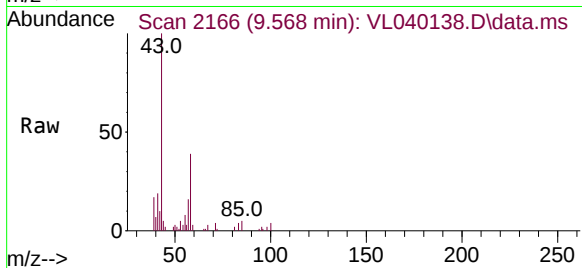




#51
2-Hexanone
Concen: 0.176 ppbv
RT: 9.568 min Scan# 2166
Delta R.T. 0.026 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

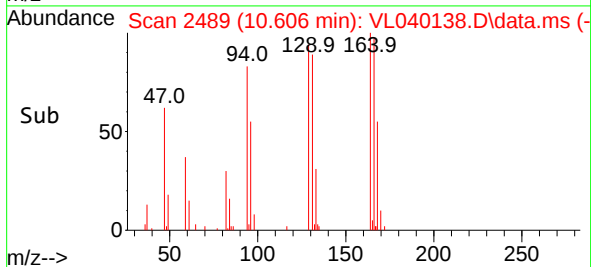
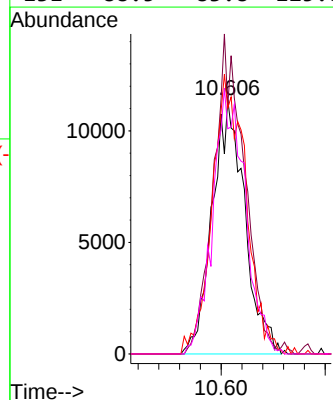
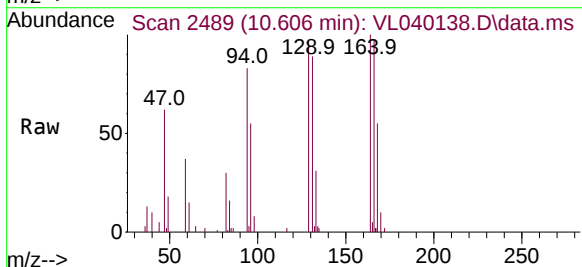
Instrument :
MSVOA_L
ClientSampleId :

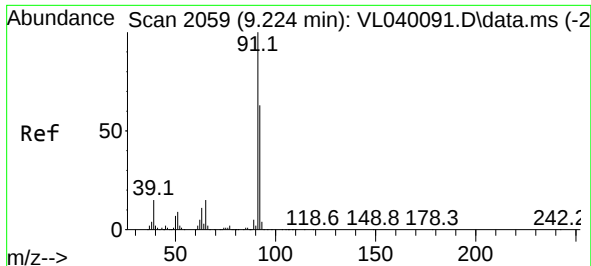
Tgt Ion: 43 Resp: 20531
Ion Ratio Lower Upper
43 100
58 0.0 37.5 56.3#
98 1.7 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.493 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.000 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion:164 Resp: 24682
Ion Ratio Lower Upper
164 100
166 97.4 101.2 151.8#
129 96.7 90.2 135.2
131 88.5 83.8 125.8

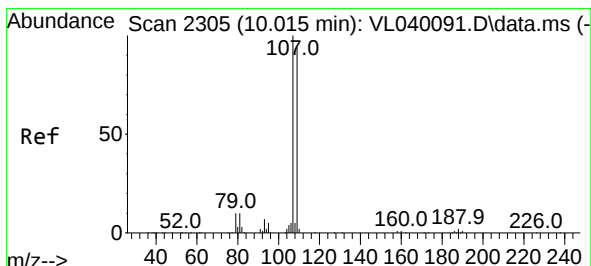
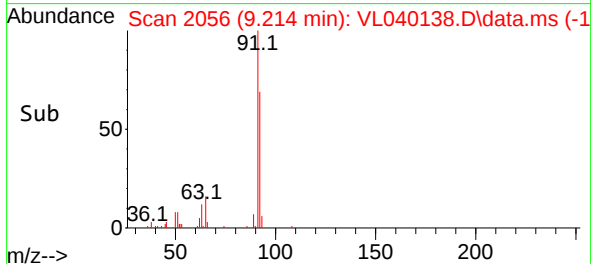
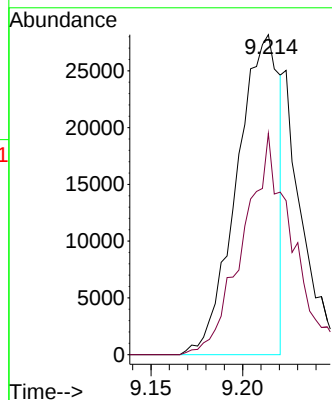
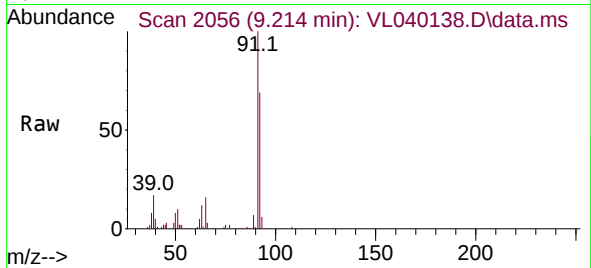




#53
Toluene
Concen: 0.277 ppbv
RT: 9.214 min Scan# 2059
Delta R.T. 0.003 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

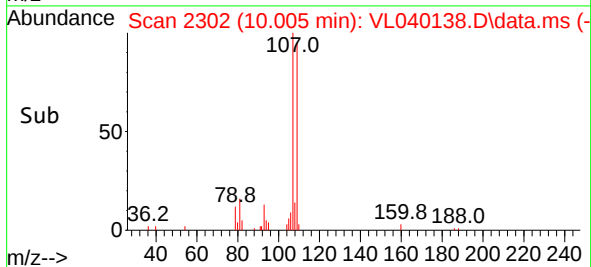
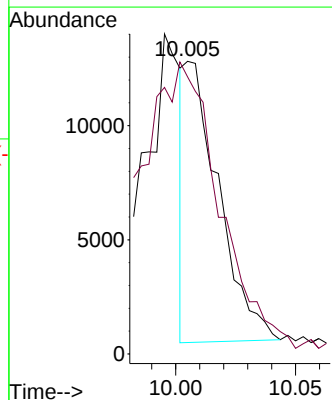
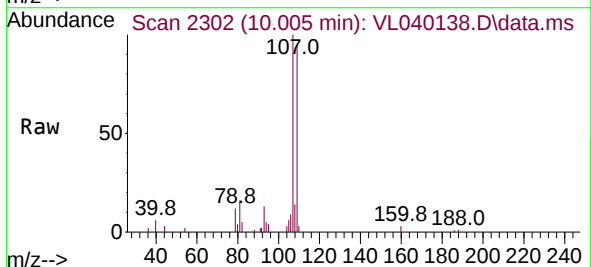
Instrument :
MSVOA_L
ClientSampleId :

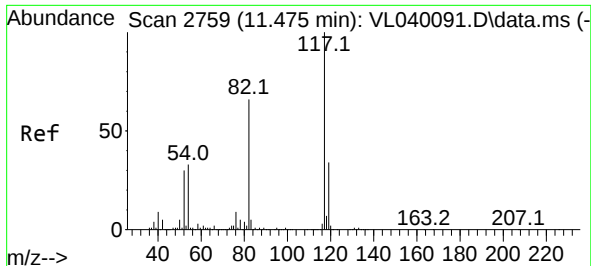
Tgt Ion: 91 Resp: 45255
Ion Ratio Lower Upper
91 100
92 80.8 48.3 72.5#



#54
1,2-Dibromoethane
Concen: 0.184 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.006 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion: 107 Resp: 12108
Ion Ratio Lower Upper
107 100
109 91.5 75.0 112.4

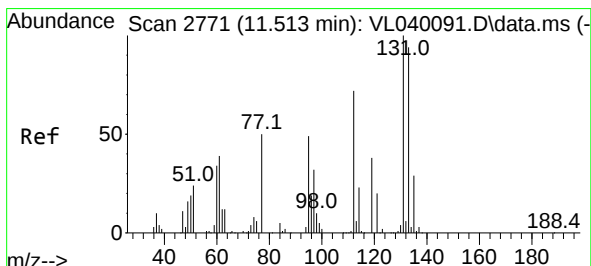
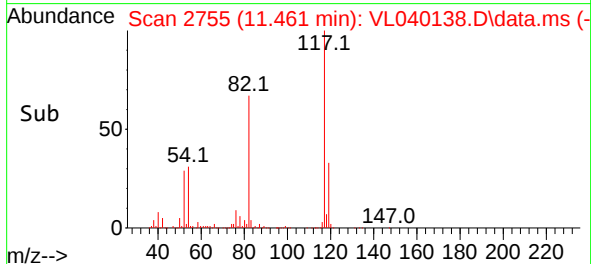
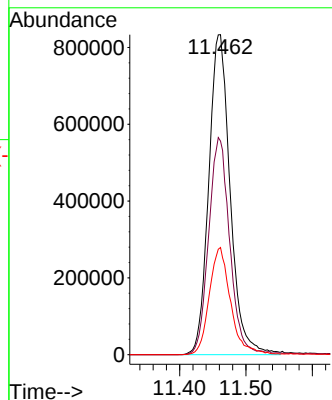
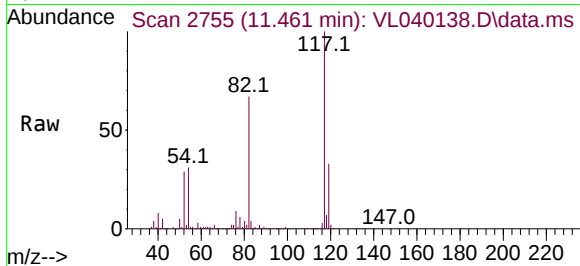




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.461 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

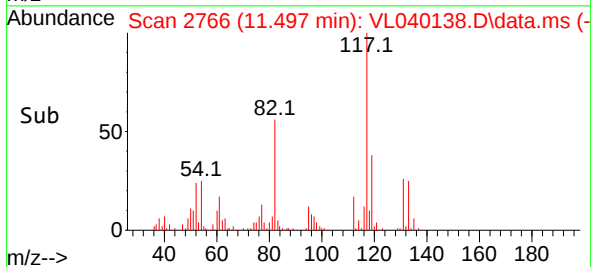
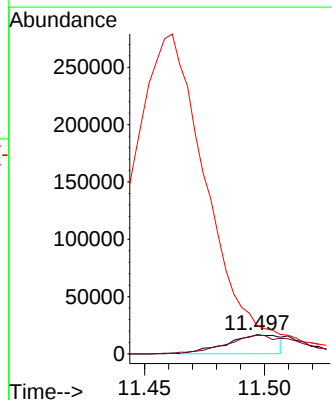
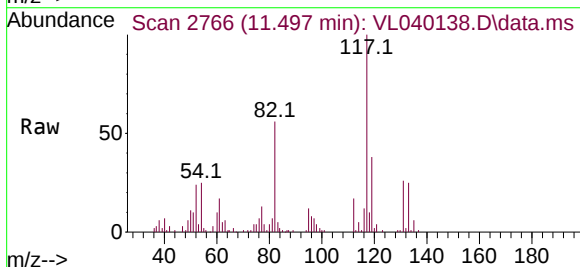
Instrument :
MSVOA_L
ClientSampleId :

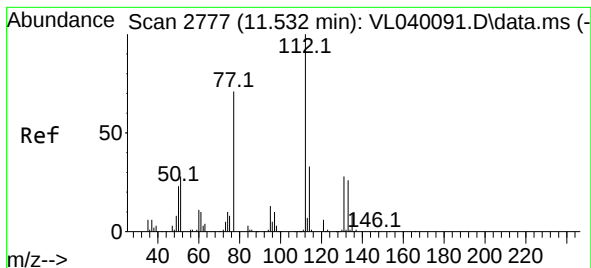
Tgt Ion:117 Resp: 1873057
Ion Ratio Lower Upper
117 100
82 67.6 54.4 81.6
119 33.5 26.8 40.2



#56
1,1,1,2-Tetrachloroethane
Concen: 0.345 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.003 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion:131 Resp: 25165
Ion Ratio Lower Upper
131 100
133 144.0 75.6 113.4#
119 0.0 47.2 70.8#





#57

Chlorobenzene

Concen: 0.542 ppbv

RT: 11.519 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040138.D

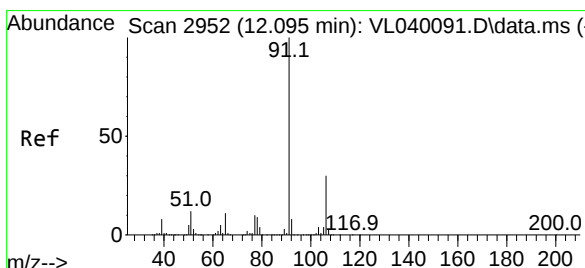
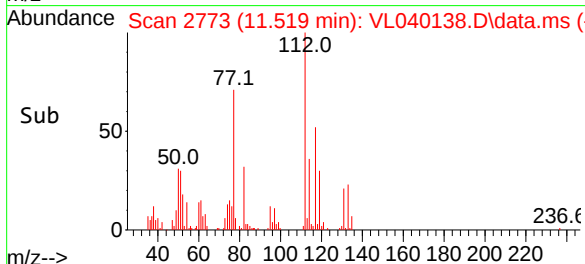
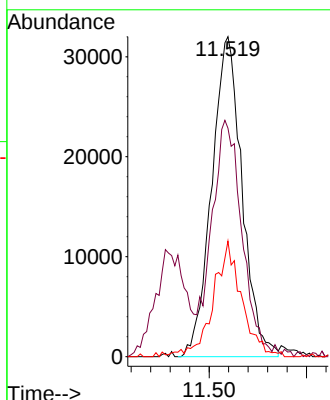
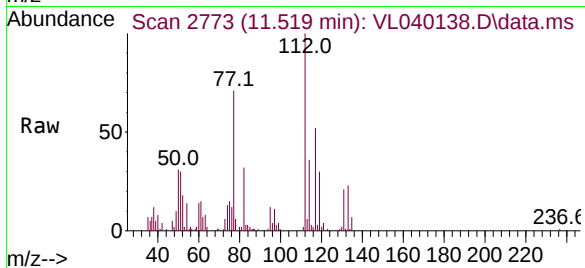
Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	112	Resp:	69167
Ion Ratio	Lower	Upper	
112	100		
77	70.6	57.3	85.9
114	35.1	29.6	36.2



#58

Ethyl Benzene

Concen: 0.413 ppbv

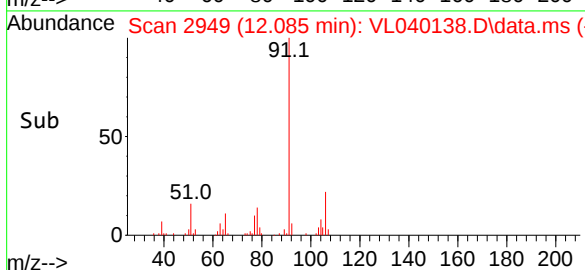
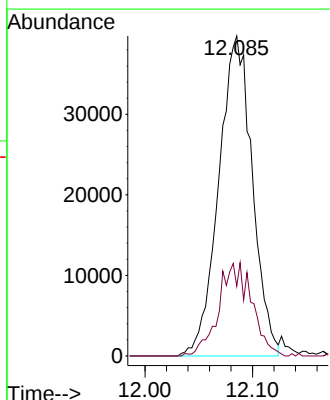
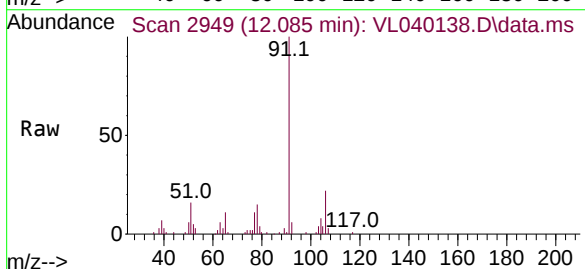
RT: 12.085 min Scan# 2949

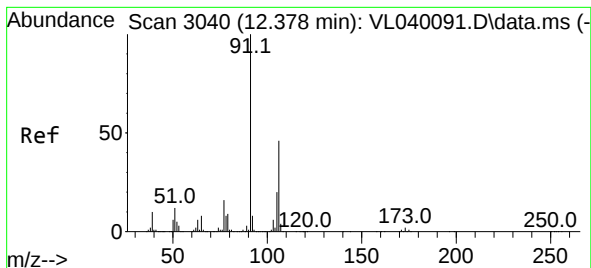
Delta R.T. 0.003 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Tgt Ion:	91	Resp:	86227
Ion Ratio	Lower	Upper	
91	100		
106	21.8	23.7	35.5#





#59

m/p-Xylene

Concen: 0.415 ppbv

RT: 12.371 min Scan# 3040

Delta R.T. 0.006 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

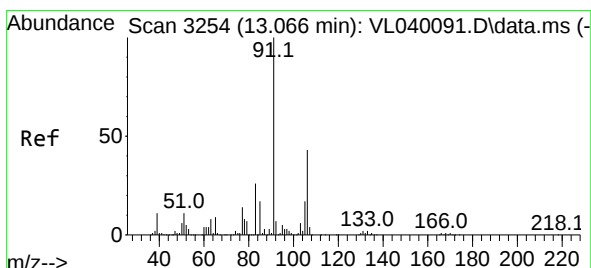
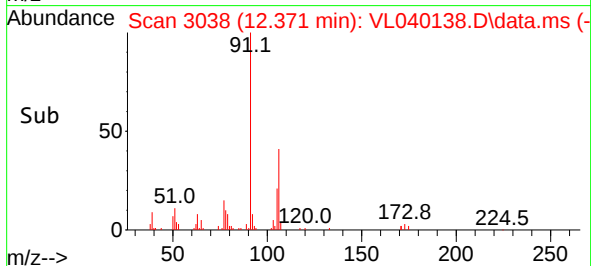
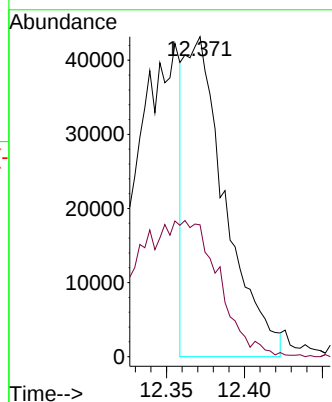
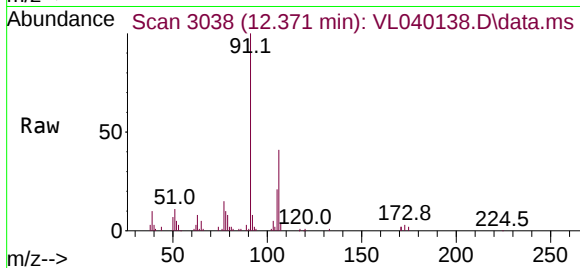
ClientSampleId :

Tgt Ion: 91 Resp: 77943

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.4#



#60

o-Xylene

Concen: 0.421 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VL040138.D

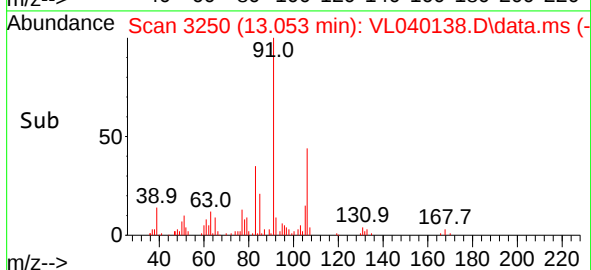
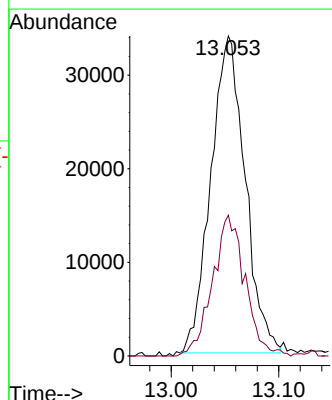
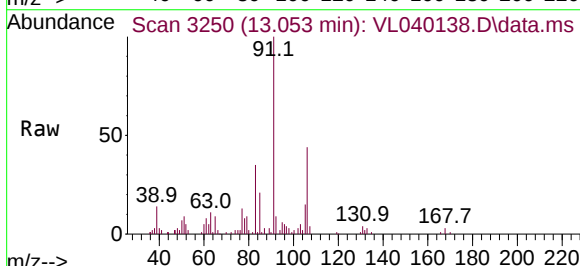
Acq: 30 Jan 2023 18:22

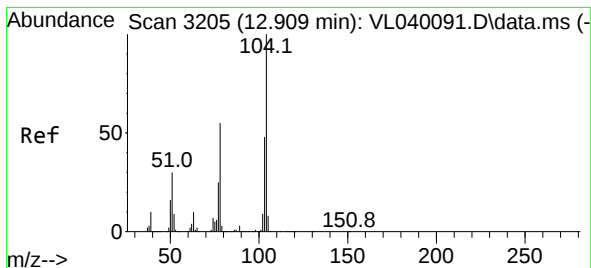
Tgt Ion: 91 Resp: 75038

Ion Ratio Lower Upper

91 100

106 42.2 21.6 64.8





#61

Styrene

Concen: 0.251 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

ClientSampleId :

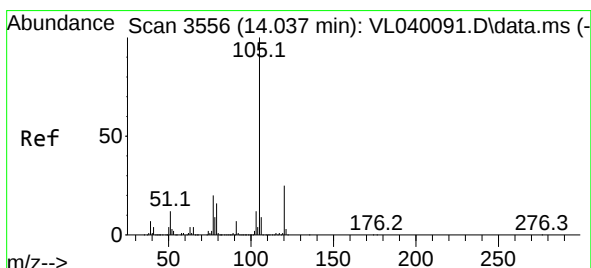
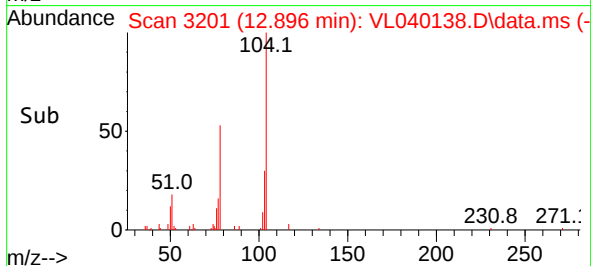
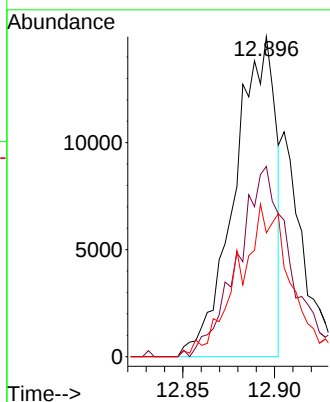
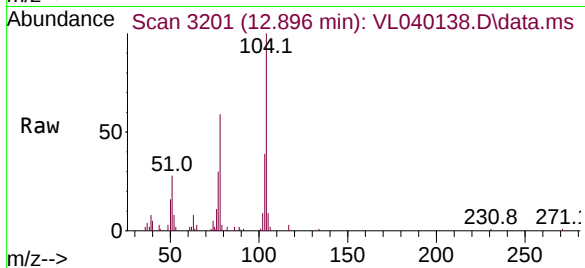
Tgt Ion:104 Resp: 23289

Ion Ratio Lower Upper

104 100

78 77.8 44.0 66.0#

103 63.2 37.8 56.6#



#62

Isopropylbenzene

Concen: 0.310 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.003 min

Lab File: VL040138.D

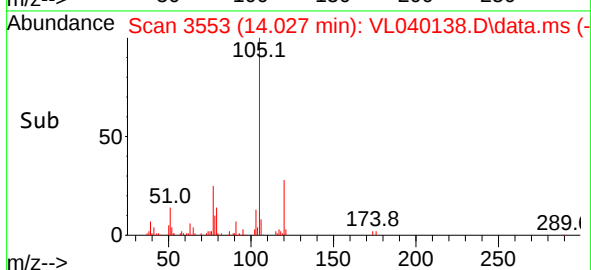
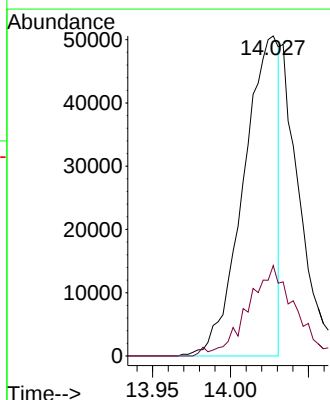
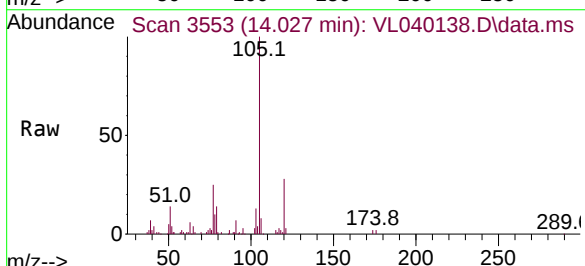
Acq: 30 Jan 2023 18:22

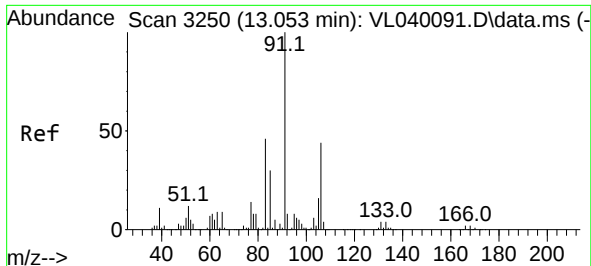
Tgt Ion:105 Resp: 79651

Ion Ratio Lower Upper

105 100

120 38.1 20.2 30.2#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.300 ppbv

RT: 13.047 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

ClientSampleId :

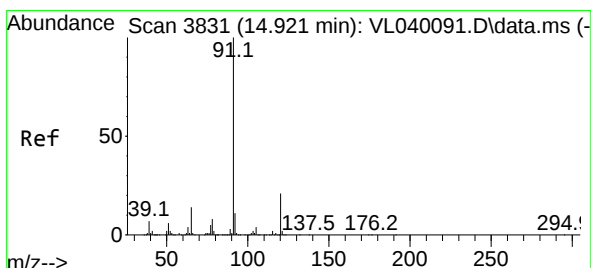
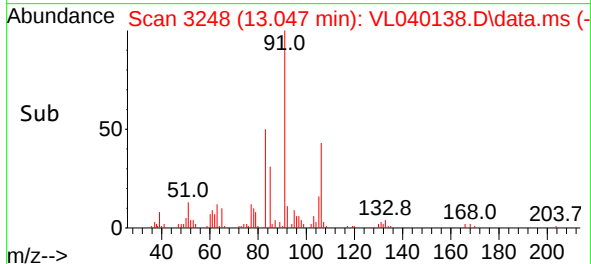
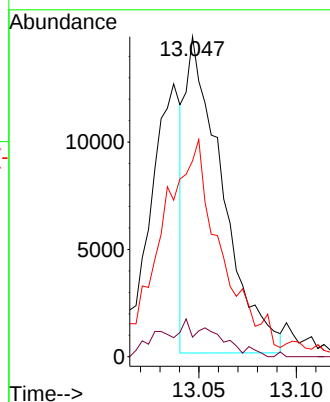
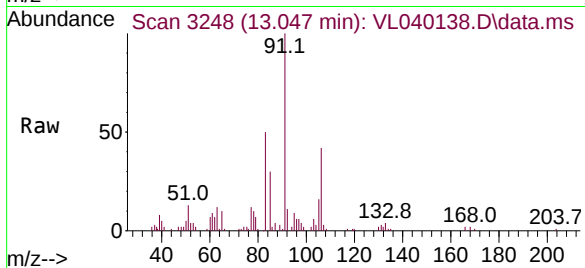
Tgt Ion: 83 Resp: 19447

Ion Ratio Lower Upper

83 100

131 17.6 4.3 13.1#

85 117.0 32.5 97.5#



#64

n-propylbenzene

Concen: 0.192 ppbv

RT: 14.918 min Scan# 3830

Delta R.T. 0.006 min

Lab File: VL040138.D

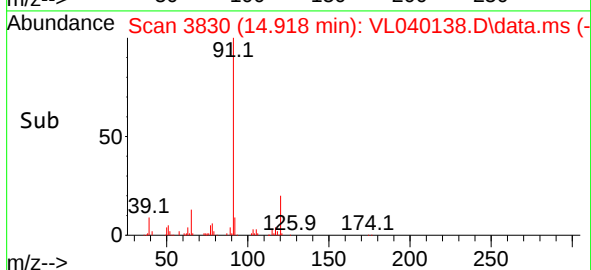
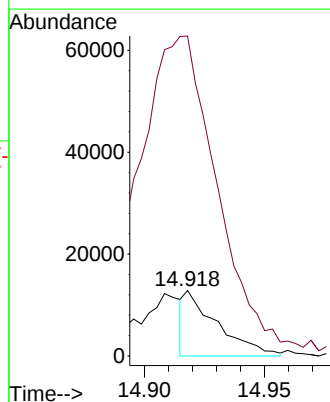
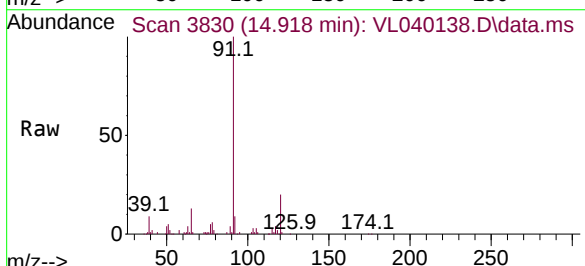
Acq: 30 Jan 2023 18:22

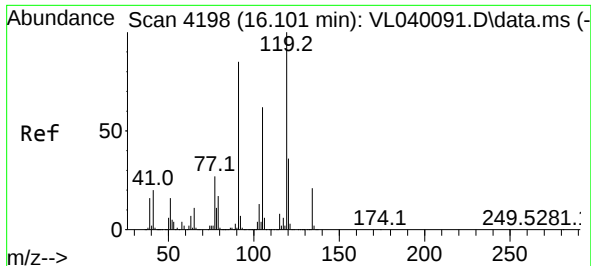
Tgt Ion:120 Resp: 12241

Ion Ratio Lower Upper

120 100

91 1230.5 397.0 595.4#

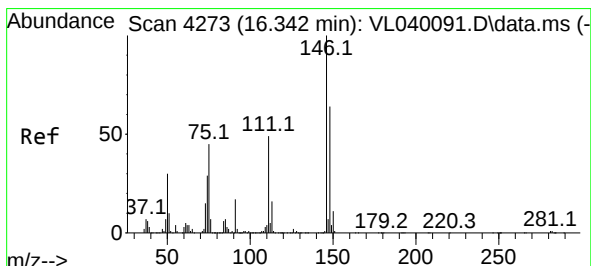
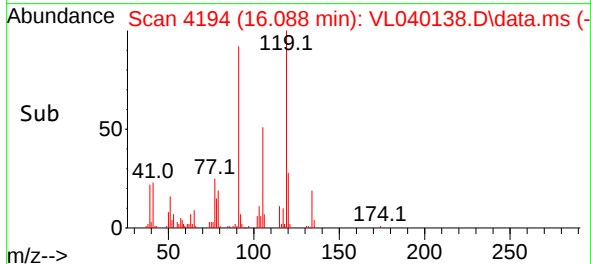
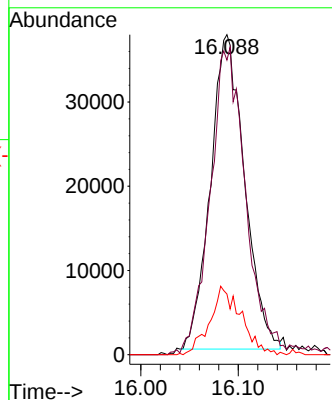
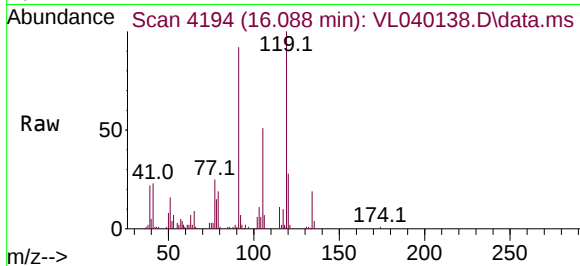




#65
tert-Butylbenzene
Concen: 0.413 ppbv
RT: 16.088 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

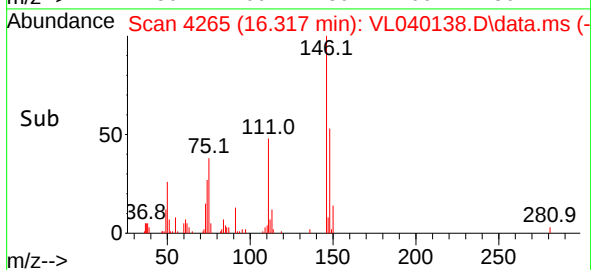
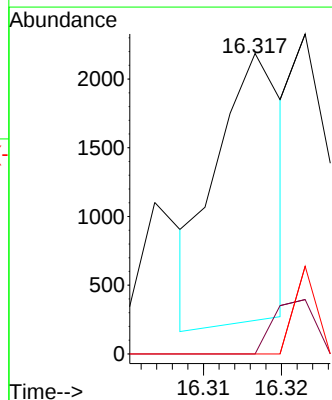
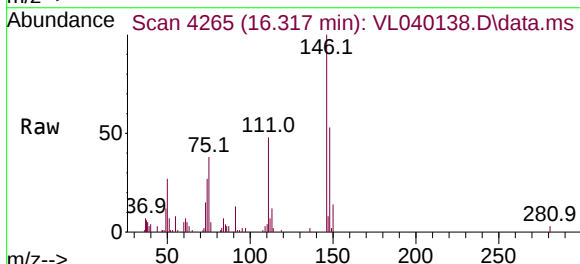
Instrument :
MSVOA_L
ClientSampleId :

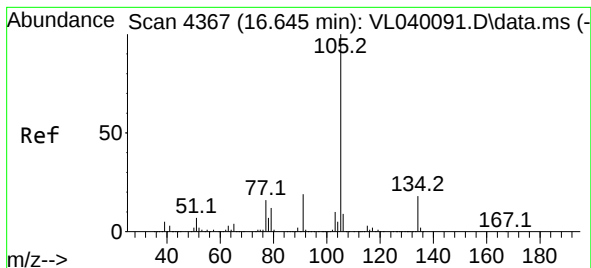
Tgt Ion:119 Resp: 90782
Ion Ratio Lower Upper
119 100
91 104.2 69.5 104.3
134 19.9 15.8 23.8



#66
Benzyl Chloride
Concen: 0.077 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.006 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion: 91 Resp: 1154
Ion Ratio Lower Upper
91 100
126 0.0 11.5 17.3#
128 17.9 0.0 0.0#





#67

sec-Butylbenzene

Concen: 0.449 ppbv

RT: 16.632 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

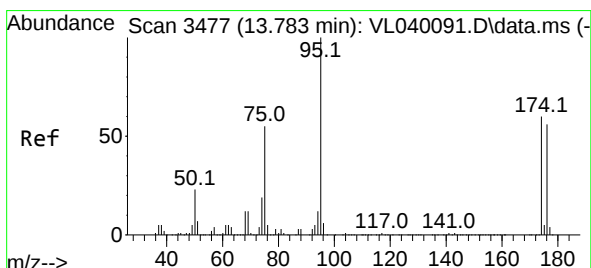
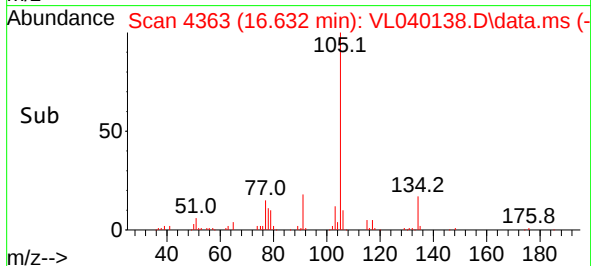
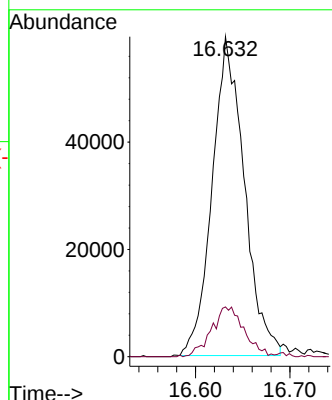
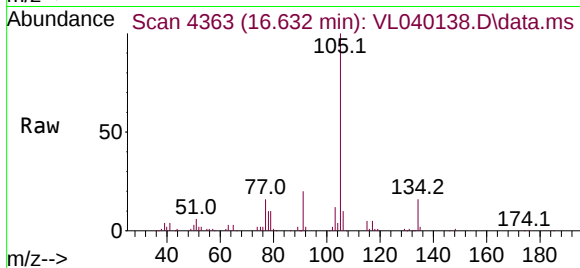
ClientSampleId :

Tgt Ion:105 Resp: 139984

Ion Ratio Lower Upper

105 100

134 16.4 14.1 21.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.194 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. 0.003 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

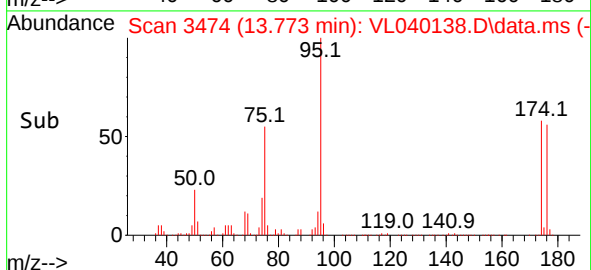
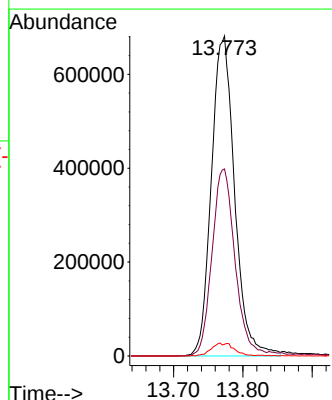
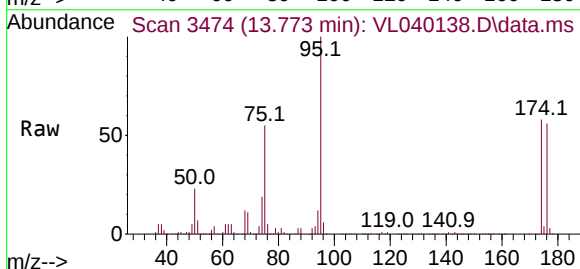
Tgt Ion: 95 Resp: 1586979

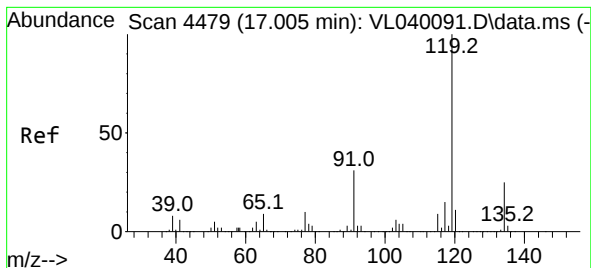
Ion Ratio Lower Upper

95 100

174 58.8 47.7 71.5

175 4.1 3.4 5.2





#69

p-Isopropyltoluene

Concen: 0.413 ppbv

RT: 16.995 min Scan# 4479

Delta R.T. 0.006 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

ClientSampleId :

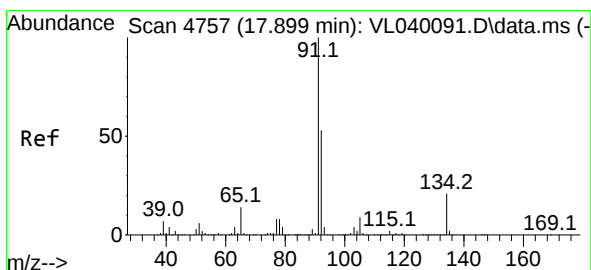
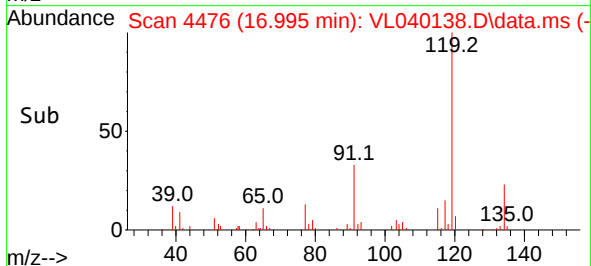
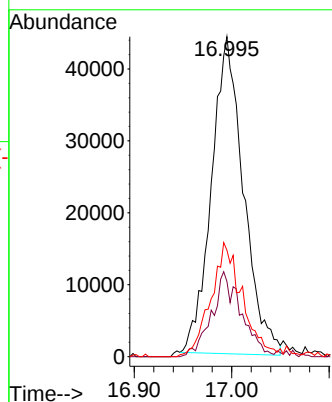
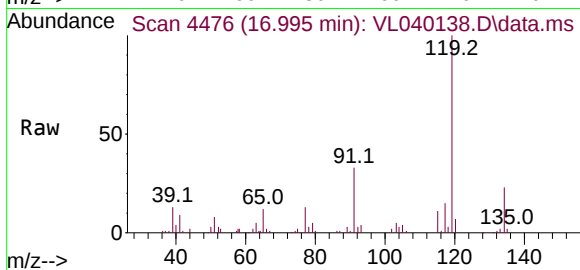
Tgt Ion:119 Resp: 100979

Ion Ratio Lower Upper

119 100

134 24.5 20.1 30.1

91 36.6 25.0 37.4



#70

n-Butylbenzene

Concen: 0.427 ppbv

RT: 17.889 min Scan# 4754

Delta R.T. 0.006 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

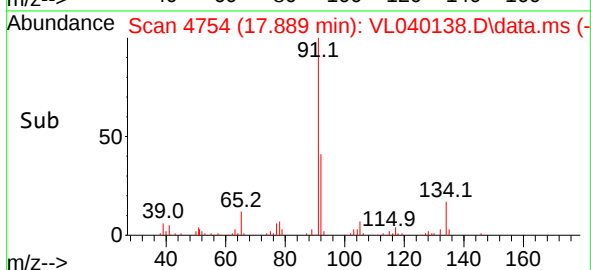
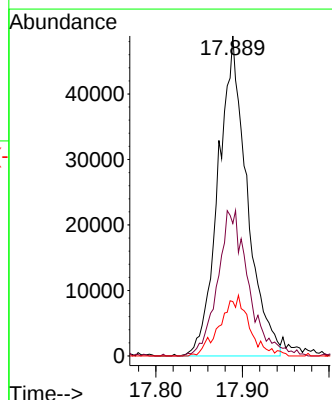
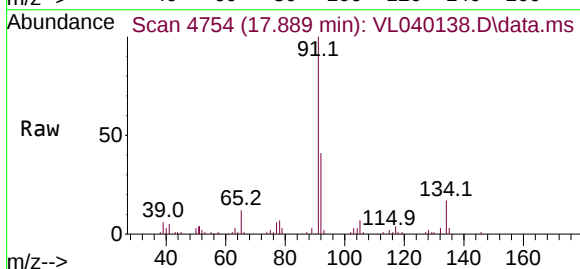
Tgt Ion: 91 Resp: 112737

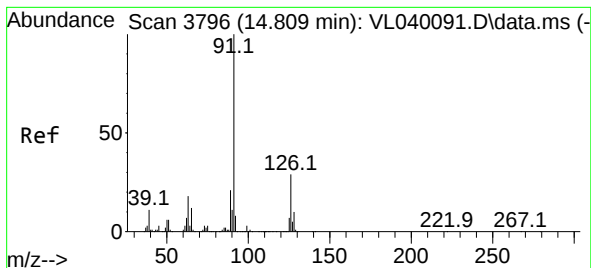
Ion Ratio Lower Upper

91 100

92 49.3 42.8 64.2

134 19.4 16.9 25.3

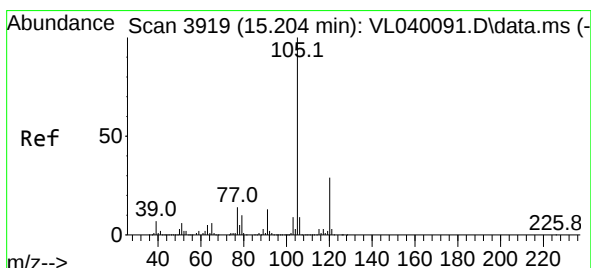
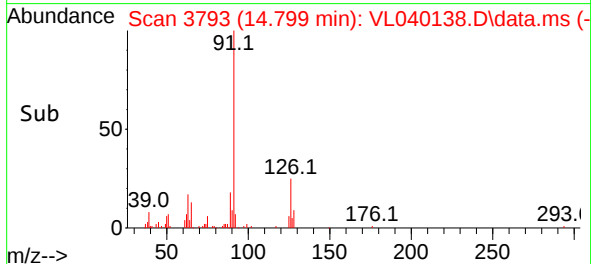
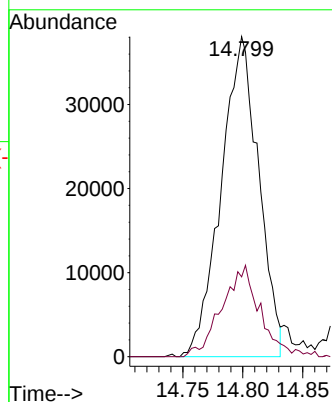
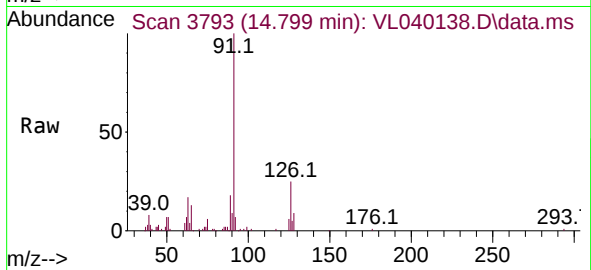




#71
2-Chlorotoluene
Concen: 0.421 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

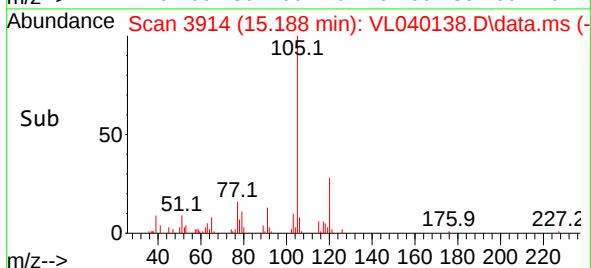
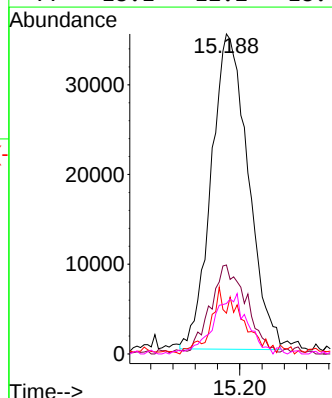
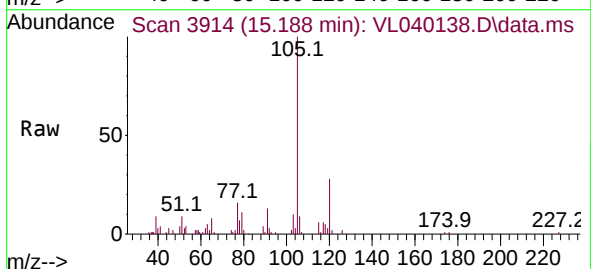
Instrument :
MSVOA_L
ClientSampleId :

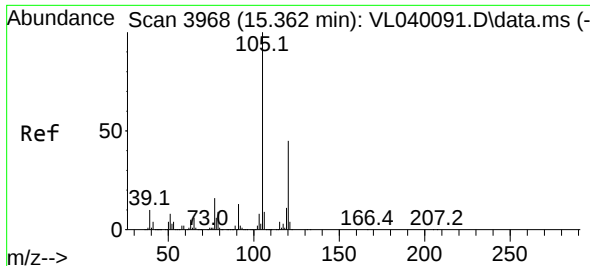
Tgt Ion: 91 Resp: 82999
Ion Ratio Lower Upper
91 100
126 29.4 11.9 47.5



#72
4-Ethyltoluene
Concen: 0.408 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.000 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion: 105 Resp: 80827
Ion Ratio Lower Upper
105 100
120 28.9 23.1 34.7
91 18.2 11.2 16.8#
77 18.1 12.2 18.4

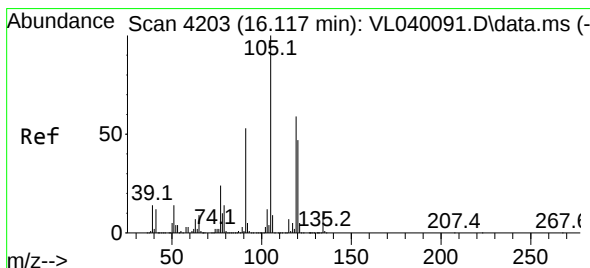
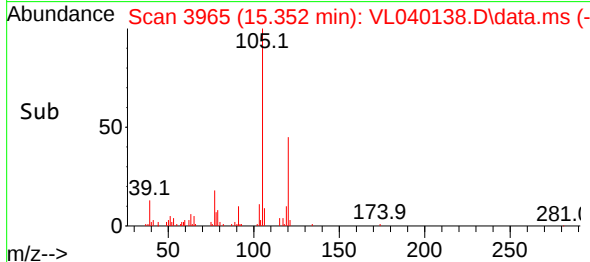
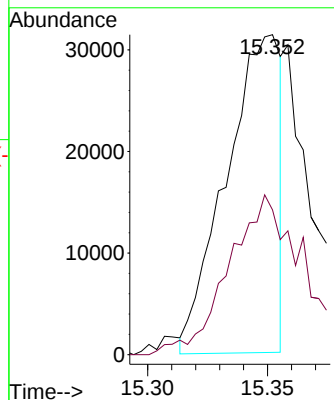
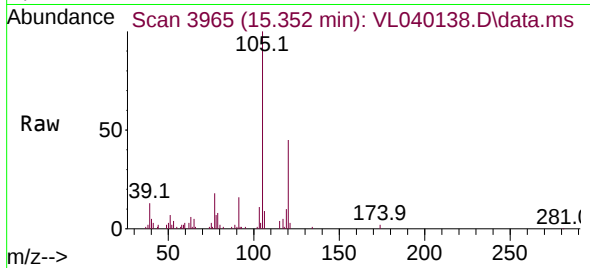




#73
1,3,5-Trimethylbenzene
Concen: 0.277 ppbv
RT: 15.352 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

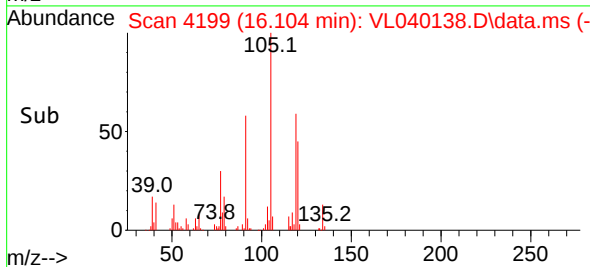
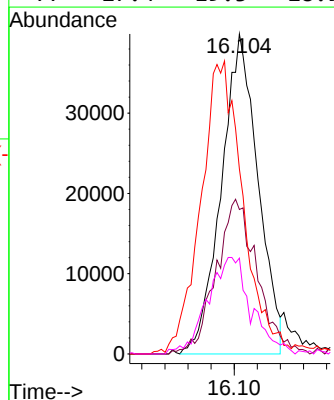
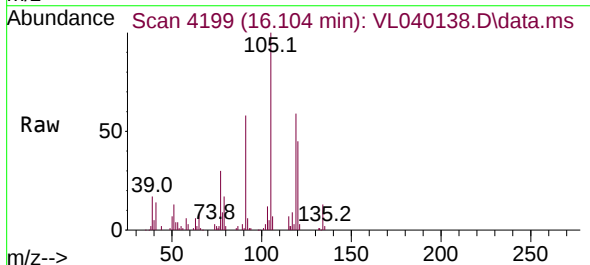
Instrument :
MSVOA_L
ClientSampleId :

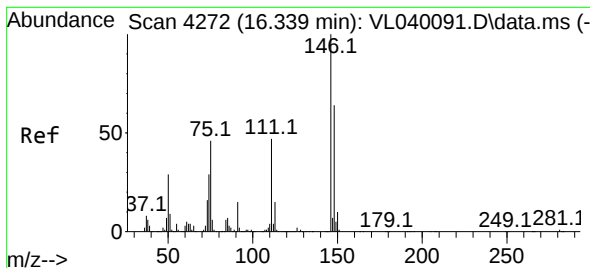
Tgt Ion:105 Resp: 49393
Ion Ratio Lower Upper
105 100
120 42.3 36.2 54.4



#74
1,2,4-Trimethylbenzene
Concen: 0.446 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion:105 Resp: 88015
Ion Ratio Lower Upper
105 100
120 43.7 38.0 57.0
91 50.9 42.1 63.1
77 27.4 19.3 28.9





#75

1,3-Dichlorobenzene

Concen: 0.464 ppbv

RT: 16.329 min Scan# 4314

Delta R.T. 0.003 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

ClientSampleId :

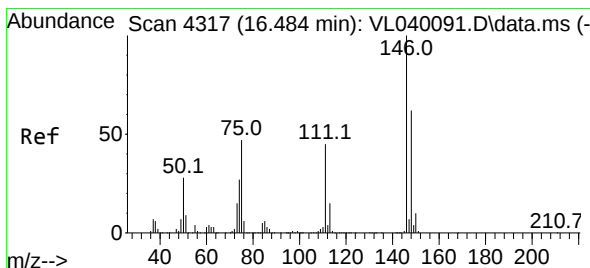
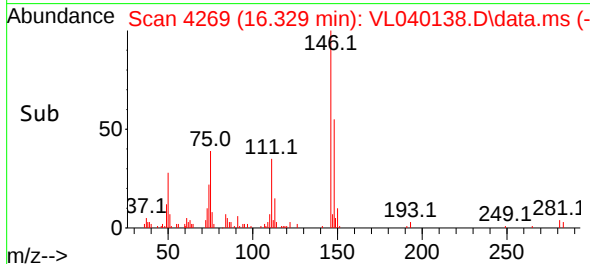
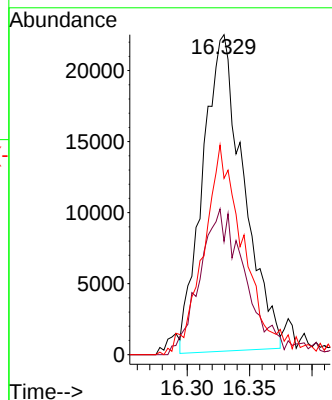
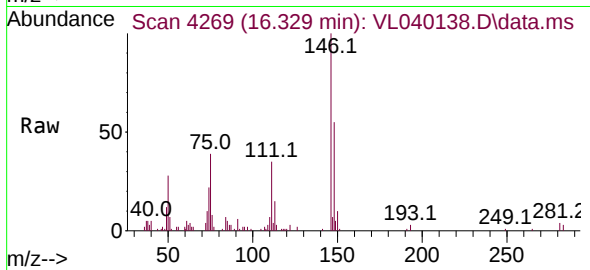
Tgt Ion:146 Resp: 50911

Ion Ratio Lower Upper

146 100

111 53.1 24.3 73.0

148 66.8 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 0.200 ppbv

RT: 16.474 min Scan# 4314

Delta R.T. 0.006 min

Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

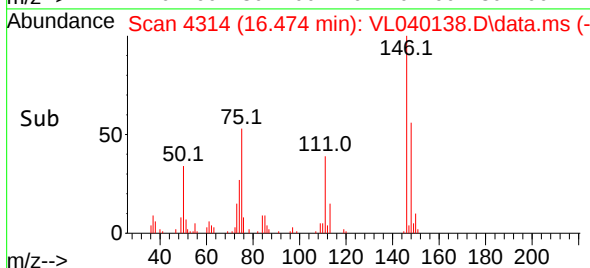
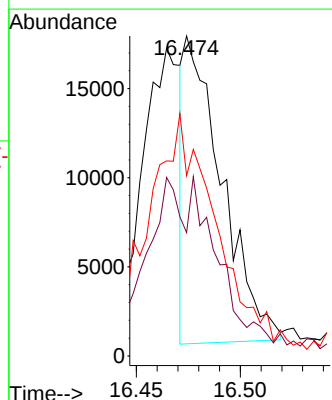
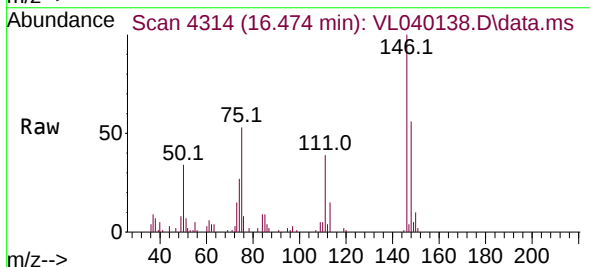
Tgt Ion:146 Resp: 21614

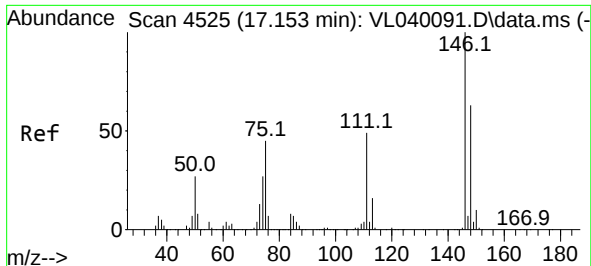
Ion Ratio Lower Upper

146 100

111 121.7 23.8 71.2#

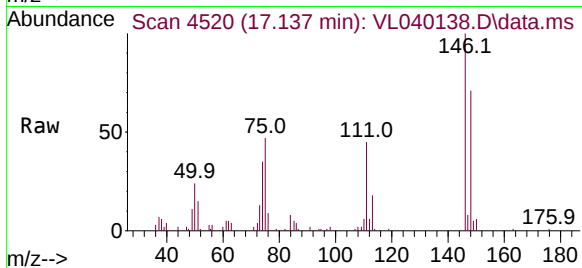
148 151.2 32.8 98.4#



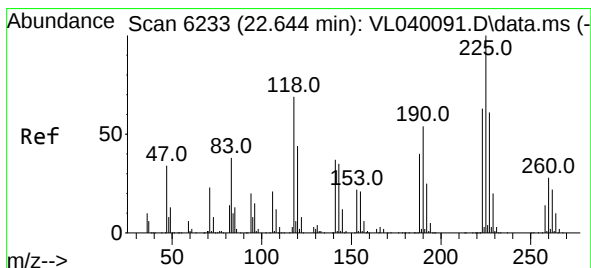
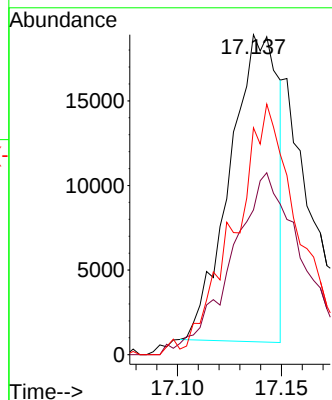
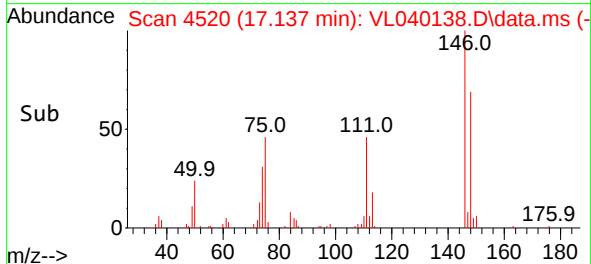


#77
1,2-Dichlorobenzene
Concen: 0.280 ppbv
RT: 17.137 min Scan# 4520
Delta R.T. -0.000 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Instrument :
MSVOA_L
ClientSampleId :

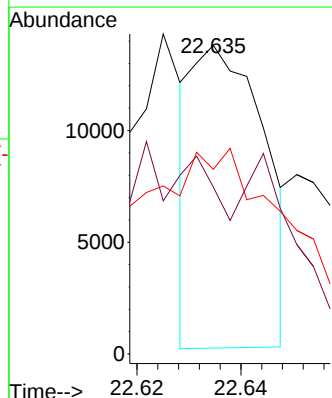
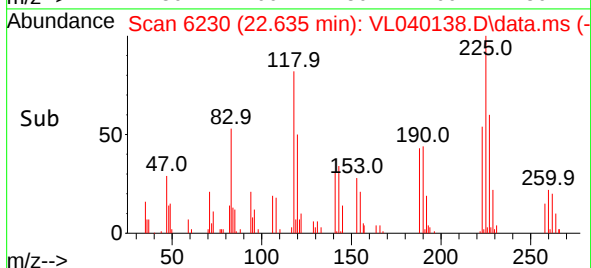
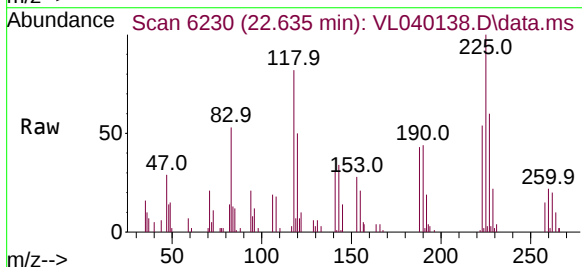


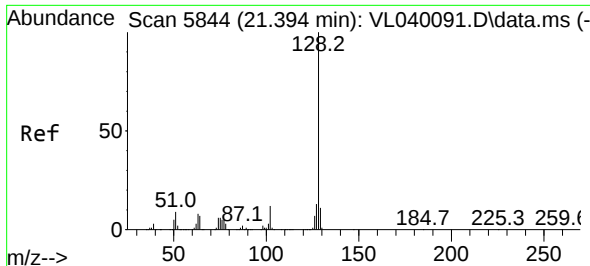
Tgt Ion:146 Resp: 29344
Ion Ratio Lower Upper
146 100
111 92.7 25.1 75.2#
148 119.1 32.4 97.0#



#78
Hexachloro-1,3-Butadiene
Concen: 0.170 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. 0.003 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion:225 Resp: 13093
Ion Ratio Lower Upper
225 100
223 0.0 51.5 77.3#
227 198.7 50.6 76.0#

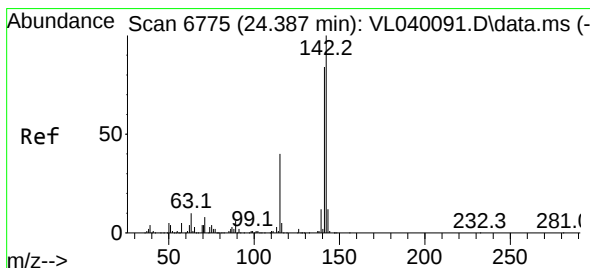
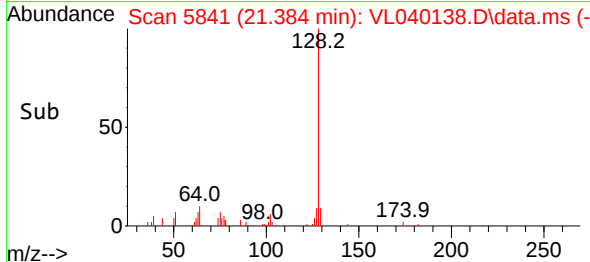
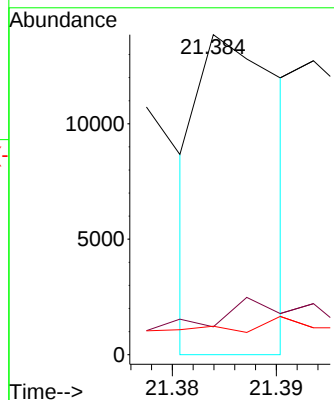
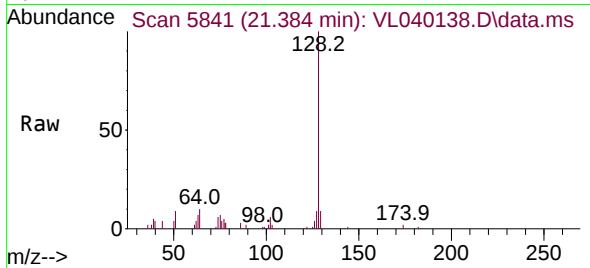




#79
Naphthalene
Concen: 0.066 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. 0.006 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

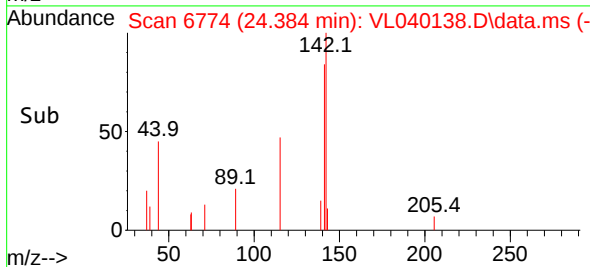
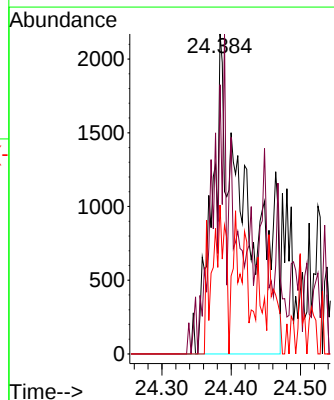
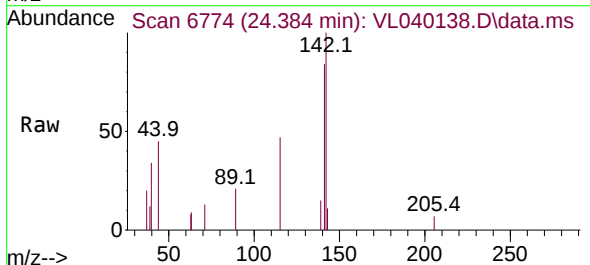
Instrument :
MSVOA_L
ClientSampleId :

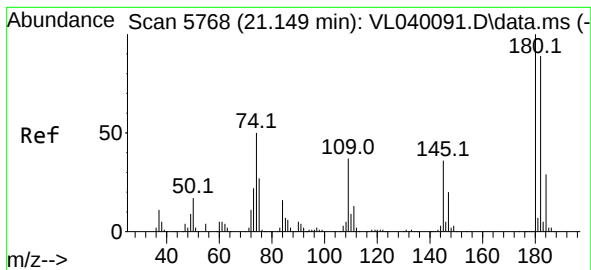
Tgt Ion:128 Resp: 7459
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 3.0 8.8 13.2#



#80
Naphthalene,2-methyl-
Concen: 0.185 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.010 min
Lab File: VL040138.D
Acq: 30 Jan 2023 18:22

Tgt Ion:142 Resp: 7063
Ion Ratio Lower Upper
142 100
141 44.4 65.0 97.6#
115 41.0 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 0.123 ppbv

RT: 21.146 min Scan# 51

Delta R.T. 0.013 min

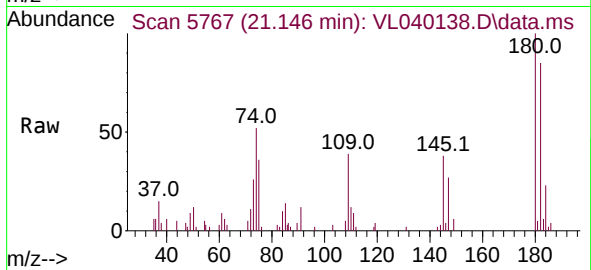
Lab File: VL040138.D

Acq: 30 Jan 2023 18:22

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 8584

Ion Ratio Lower Upper

180 100

182 308.7 78.6 117.8#

184 98.4 25.1 37.7#

