

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040133.D
 Acq On : 30 Jan 2023 15:16
 Operator : SY/MD
 Sample : N4995-13 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 31 05:26:56 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	866289	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2274813	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2050601	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1672892	9.816	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	80650	0.531	ppbv	95
3) Chlorodifluoromethane	2.661	51	49906	0.480	ppbv	95
4) Chloromethane	2.796	50	31151	0.485	ppbv #	82
5) Vinyl Chloride	2.903	62	23540	0.432	ppbv	93
6) Bromomethane	3.099	94	3635	0.183	ppbv	93
7) Chloroethane	3.182	64	9753	0.469	ppbv	98
8) Dichlorotetrafluoroethane	2.841	85	66845	0.471	ppbv	97
9) Propene	2.681	41	19457	0.451	ppbv	91
10) Heptane	7.571	43	39185	0.394	ppbv	91
11) Trichlorofluoromethane	3.549	101	65948	0.435	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.050	101	47883	0.420	ppbv	94
13) Ethanol	3.240	45	1271	0.320	ppbv #	48
14) Bromoethene	3.353	108	18410	0.435	ppbv #	96
15) Acetone	3.468	43	52337	0.504	ppbv	90
16) 1,3-Butadiene	2.973	39	24139	0.498	ppbv	95
17) tert-Butyl alcohol	3.883	59	45668	0.472	ppbv	99
18) 1,1-Dichloroethene	3.870	96	11051	0.223	ppbv	89
19) Isopropyl Alcohol	3.581	45	24890	0.490	ppbv #	92
20) Methylene Chloride	3.919	84	22315	0.487	ppbv #	94
21) Allyl Chloride	3.983	41	28361	0.425	ppbv	97
22) trans-1,2-Dichloroethene	4.430	96	9449	0.187	ppbv	94
23) Vinyl Acetate	4.620	43	11836	0.351	ppbv #	91
24) 1,1-Dichloroethane	4.549	63	42921	0.421	ppbv #	92
25) Ethyl Acetate	5.205	43	83853	0.458	ppbv #	96
26) Hexane	5.205	57	34932	0.436	ppbv #	87
27) Carbon Disulfide	4.112	76	34244	0.330	ppbv #	66
28) Methyl tert-Butyl Ether	4.581	73	15671	0.174	ppbv #	53
29) Chloroform	5.263	83	66716	0.521	ppbv	91
30) Cyclohexane	6.594	84	15384	0.242	ppbv #	43
31) cis-1,2-Dichloroethene	5.066	61	34866	0.450	ppbv	89
32) 1,1,1-Trichloroethane	5.989	97	31808	0.244	ppbv #	21
34) 2-Butanone	4.790	43	46863	0.436	ppbv	95
35) Carbon Tetrachloride	6.484	117	59262	0.461	ppbv #	91
36) Benzene	6.362	78	74724	0.444	ppbv	98
37) 1,2-Dichloroethane	5.793	62	49532	0.458	ppbv	98
38) Trichloroethene	7.288	130	41387	0.433	ppbv	88
39) 1,2-Dichloropropane	7.063	63	19788	0.301	ppbv	95
40) 1,4-Dioxane	7.246	88	89	0.003	ppbv #	1
41) Tetrahydrofuran	5.574	42	24042	0.387	ppbv	91
42) Bromodichloromethane	7.246	83	61731	0.422	ppbv	99
43) Methyl Methacrylate	7.468	69	10669	0.173	ppbv #	1
44) 2,2,4-Trimethylpentane	7.320	57	120126	0.429	ppbv	97
45) t-1,3-Dichloropropene	8.719	75	4746	0.086	ppbv	93

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

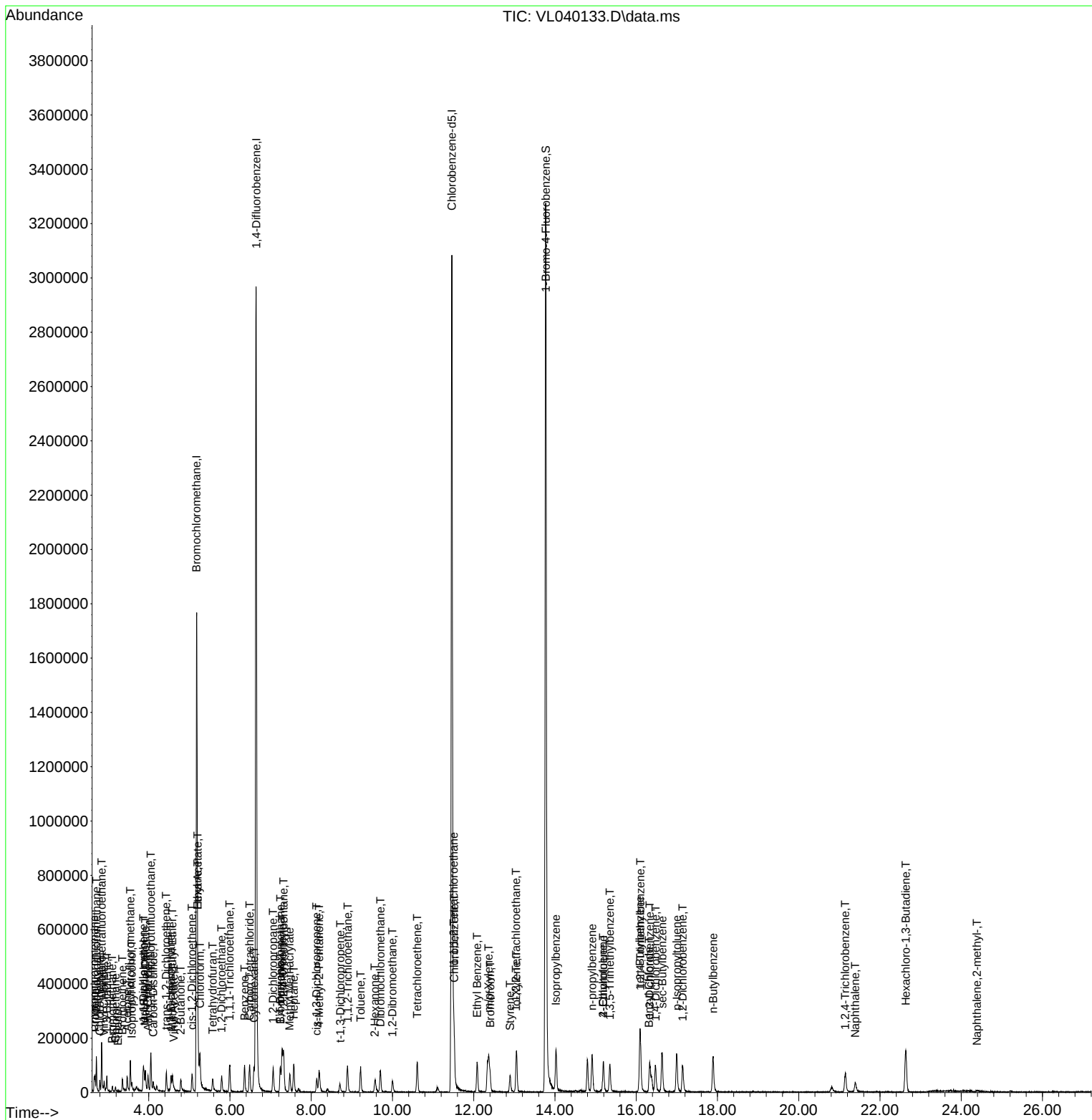
Instrument :
 MSVOA_L
 ClientSampleId :

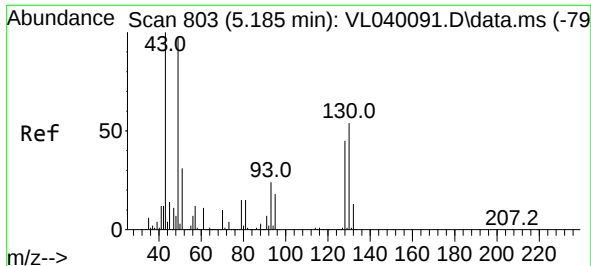
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 31 05:24:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	12982	0.172	ppbv #	89
47) 1,1,2-Trichloroethane	8.896	97	19442	0.280	ppbv	96
48) Dibromochloromethane	9.703	129	43657	0.392	ppbv	92
49) Bromoform	12.407	173	29398	0.342	ppbv	91
50) 4-Methyl-2-Pentanone	8.192	43	66831	0.395	ppbv	99
51) 2-Hexanone	9.565	43	17092	0.133	ppbv #	30
52) Tetrachloroethene	10.613	164	19534	0.355	ppbv	93
53) Toluene	9.217	91	71417	0.398	ppbv	99
54) 1,2-Dibromoethane	9.999	107	14795	0.204	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.507	131	16969	0.213	ppbv #	10
57) Chlorobenzene	11.520	112	66744	0.477	ppbv	96
58) Ethyl Benzene	12.082	91	92560	0.404	ppbv	94
59) m/p-Xylene	12.362	91	109030	0.530	ppbv #	58
60) o-Xylene	13.050	91	39939	0.204	ppbv #	28
61) Styrene	12.896	104	34382	0.338	ppbv	94
62) Isopropylbenzene	14.024	105	88075	0.314	ppbv #	78
63) 1,1,2,2-Tetrachloroethane	13.044	83	18918	0.267	ppbv #	31
64) n-propylbenzene	14.915	120	16686	0.239	ppbv #	1
65) tert-Butylbenzene	16.092	119	101128	0.420	ppbv	93
66) Benzyl Chloride	16.317	91	1752	0.107	ppbv #	62
67) sec-Butylbenzene	16.642	105	133388	0.391	ppbv	99
69) p-Isopropyltoluene	16.998	119	102539	0.383	ppbv	95
70) n-Butylbenzene	17.892	91	113103	0.391	ppbv	99
71) 2-Chlorotoluene	15.188	91	6495	0.030	ppbv	91
72) 4-Ethyltoluene	15.188	105	83940	0.387	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.352	105	75650	0.388	ppbv	94
74) 1,2,4-Trimethylbenzene	16.105	105	50468	0.233	ppbv	94
75) 1,3-Dichlorobenzene	16.330	146	27896	0.232	ppbv #	24
76) 1,4-Dichlorobenzene	16.478	146	22522	0.191	ppbv #	1
77) 1,2-Dichlorobenzene	17.143	146	29256	0.255	ppbv #	37
78) Hexachloro-1,3-Butadiene	22.635	225	11510	0.137	ppbv #	1
79) Naphthalene	21.391	128	22263	0.180	ppbv #	93
80) Naphthalene,2-methyl-	24.387	142	4575	0.110	ppbv #	31
81) 1,2,4-Trichlorobenzene	21.143	180	3338	0.044	ppbv #	1

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

Quant Time: Jan 31 05:26:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 31 05:24:57 2023
Response via : Initial Calibration

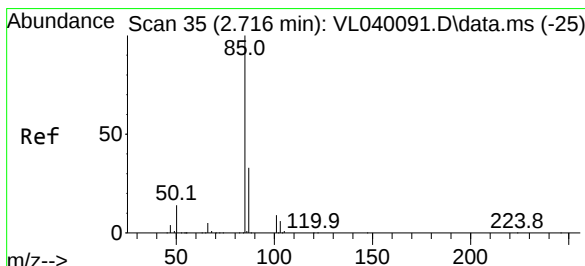
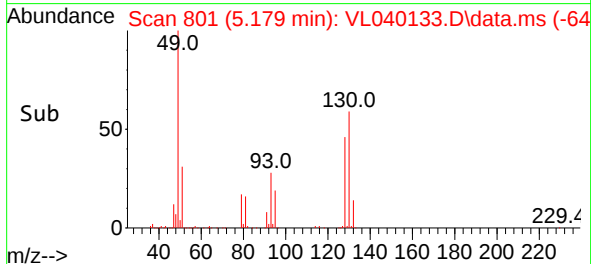
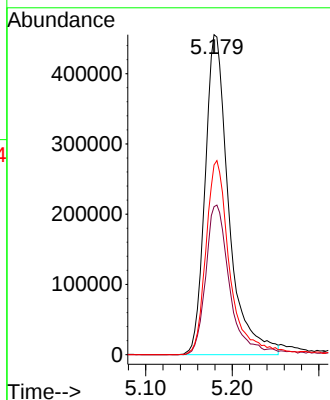
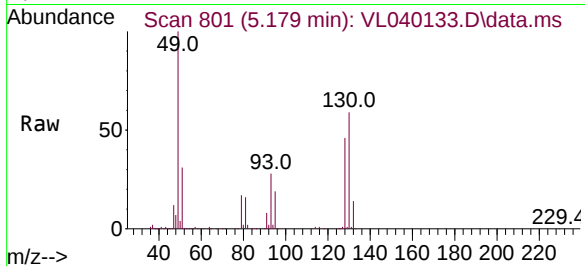




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.179 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16

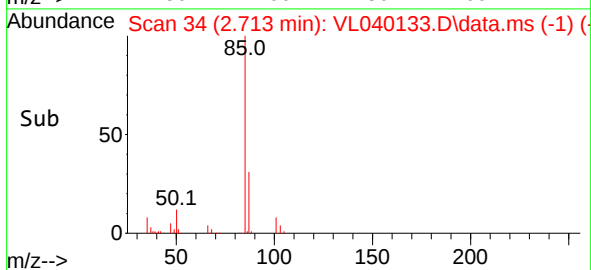
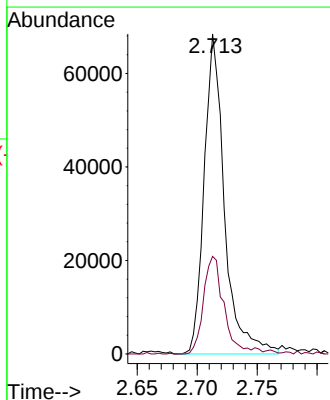
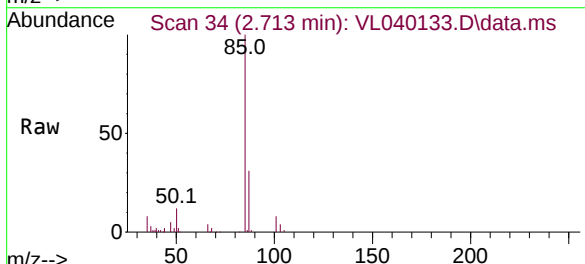
Instrument :
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 ClientSampleId :

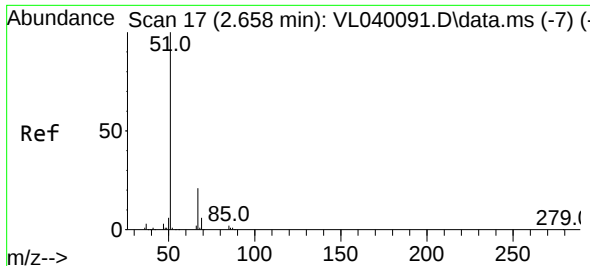
Tgt Ion: 49 Resp: 866289
 Ion Ratio Lower Upper
 49 100
 128 48.0 23.6 71.0
 130 62.8 29.8 89.3



#2
 Dichlorodifluoromethane
 Concen: 0.531 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16

Tgt Ion: 85 Resp: 80650
 Ion Ratio Lower Upper
 85 100
 87 30.5 26.5 39.7

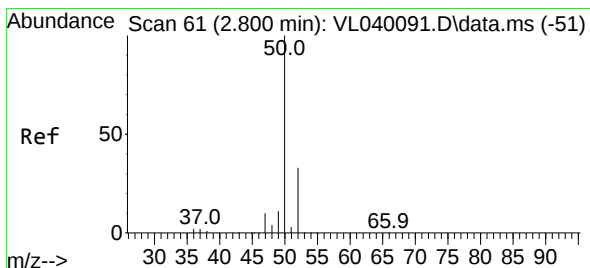
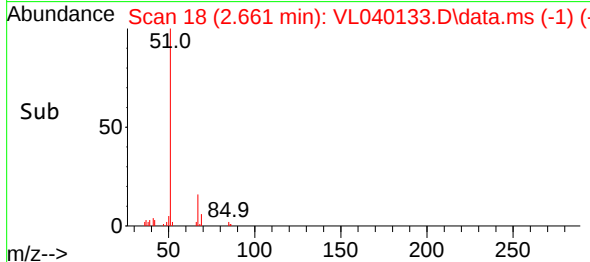
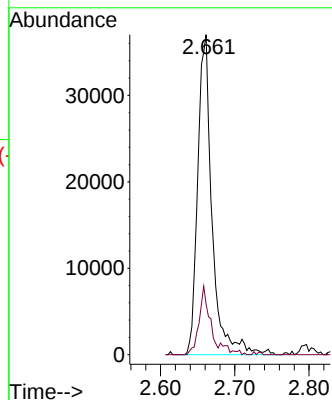
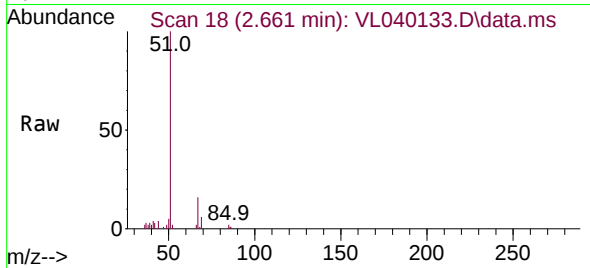




#3
Chlorodifluoromethane
Concen: 0.480 ppbv
RT: 2.661 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

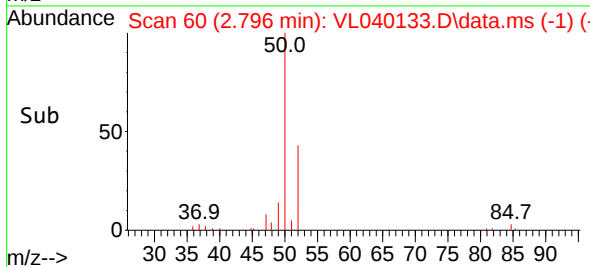
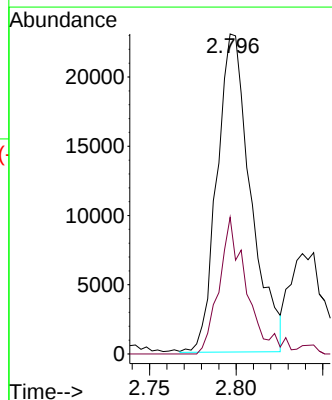
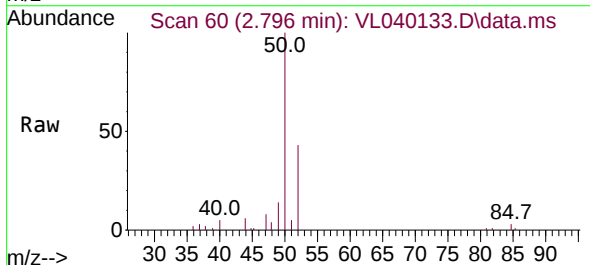
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MSVOA_L
ClientSampleId :

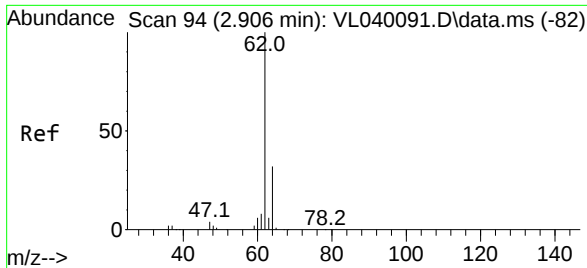
Tgt Ion: 51 Resp: 49906
Ion Ratio Lower Upper
51 100
67 18.2 16.4 24.6



#4
Chloromethane
Concen: 0.485 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 50 Resp: 31151
Ion Ratio Lower Upper
50 100
52 43.1 26.5 39.7#

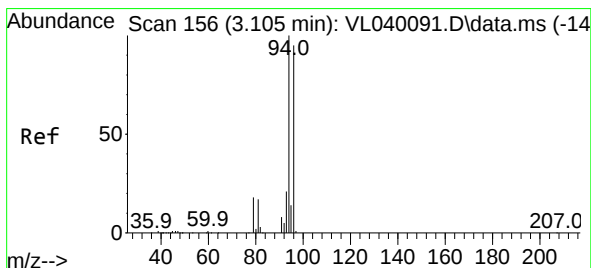
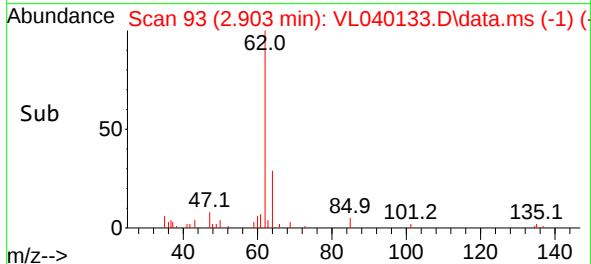
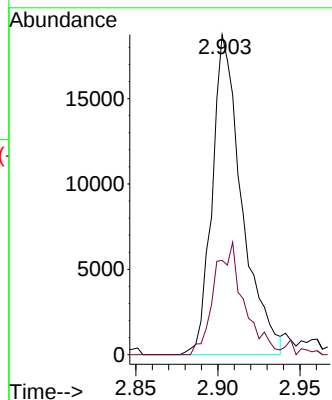
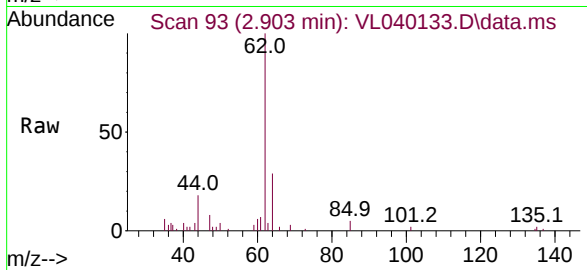




#5
 Vinyl Chloride
 Concen: 0.432 ppbv
 RT: 2.903 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16

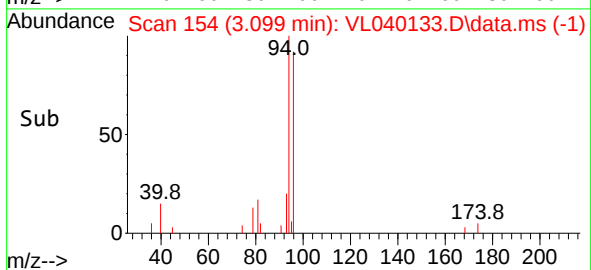
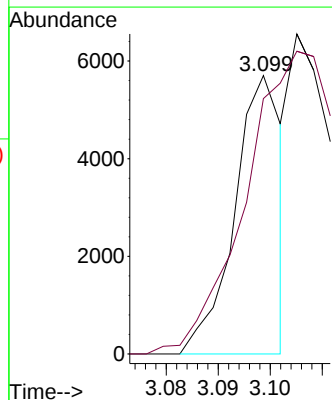
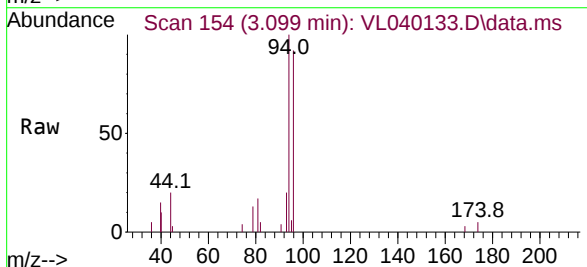
Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 62 Resp: 23540
 Ion Ratio Lower Upper
 62 100
 64 28.4 25.8 38.6



#6
 Bromomethane
 Concen: 0.183 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. -0.003 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16

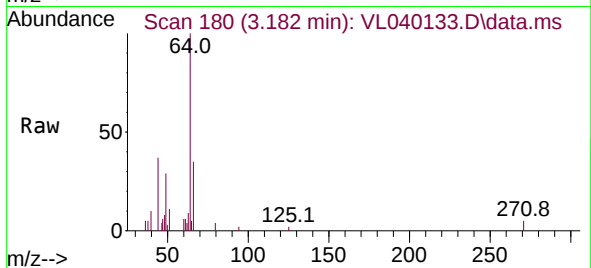
Tgt Ion: 94 Resp: 3635
 Ion Ratio Lower Upper
 94 100
 96 88.6 76.2 114.2



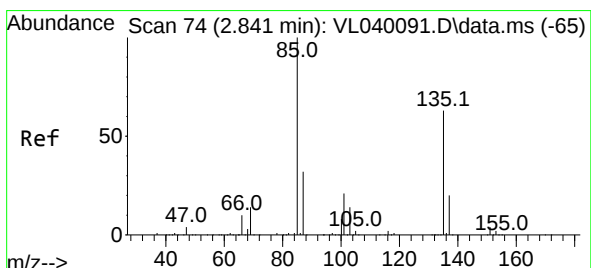
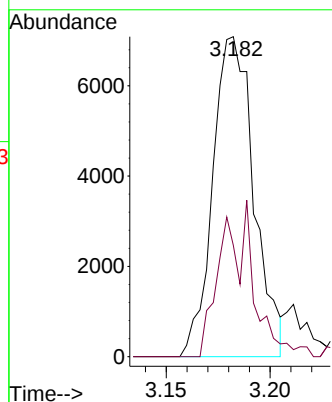
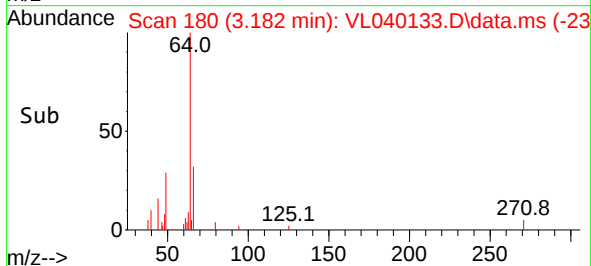


#7
Chloroethane
Concen: 0.469 ppbv
RT: 3.182 min Scan# 181
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Instrument :
MSVOA_L
ClientSampleId :

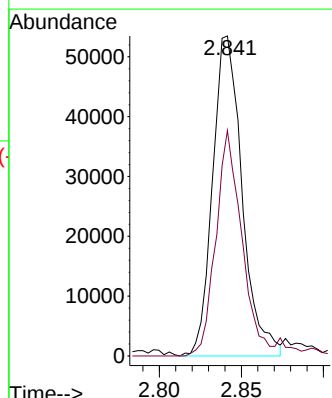
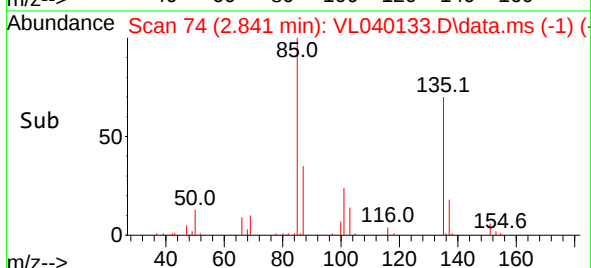
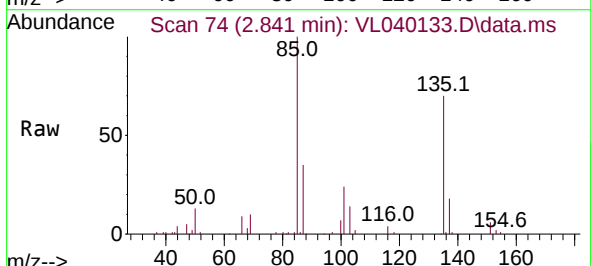


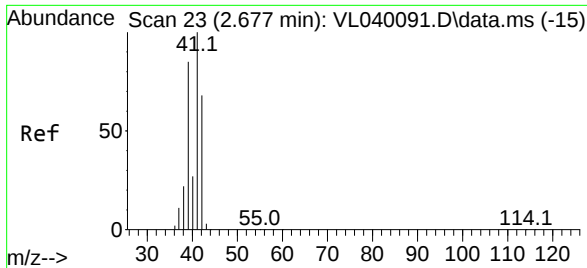
Tgt Ion: 64 Resp: 9753
Ion Ratio Lower Upper
64 100
66 33.1 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 0.471 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 85 Resp: 66845
Ion Ratio Lower Upper
85 100
135 66.5 51.4 77.2





#9

Propene

Concen: 0.451 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.007 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

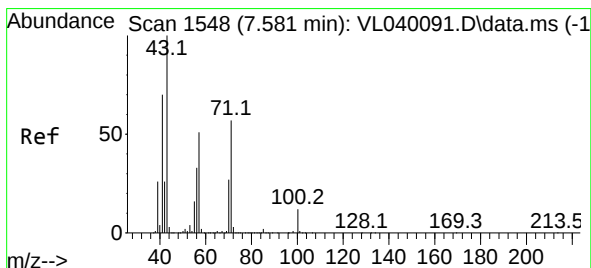
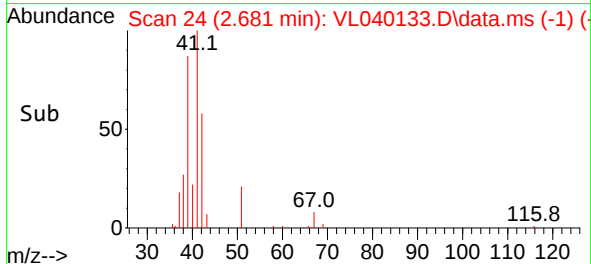
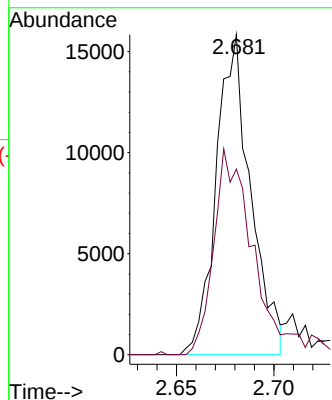
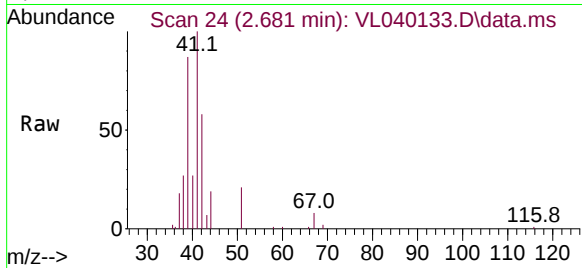
ClientSampleId :

Tgt Ion: 41 Resp: 19457

Ion Ratio Lower Upper

41 100

42 76.6 55.6 83.4



#10

Heptane

Concen: 0.394 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. 0.003 min

Lab File: VL040133.D

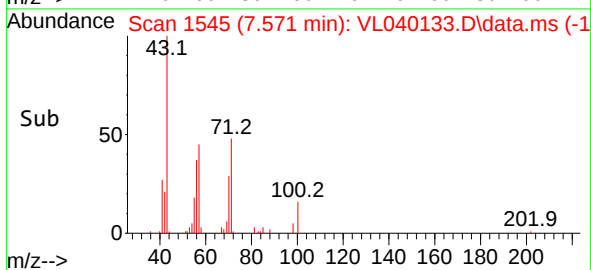
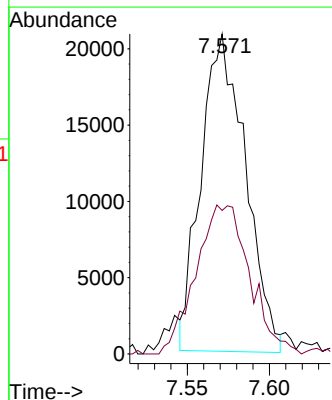
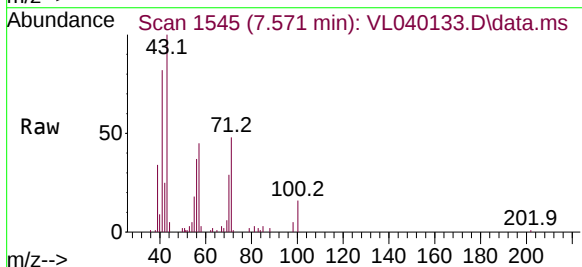
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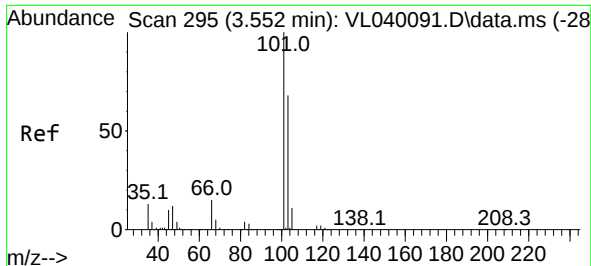
Tgt Ion: 43 Resp: 39185

Ion Ratio Lower Upper

43 100

57 57.5 40.9 61.3

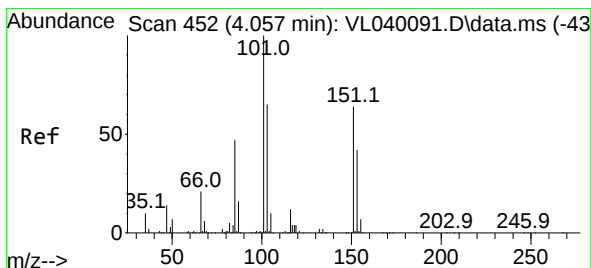
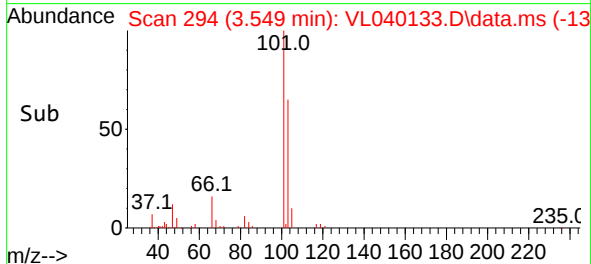
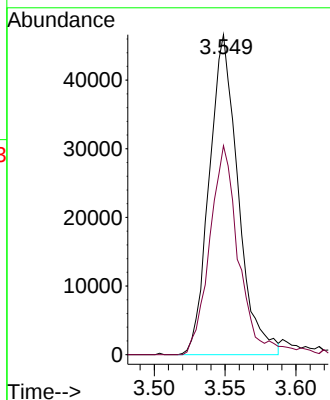
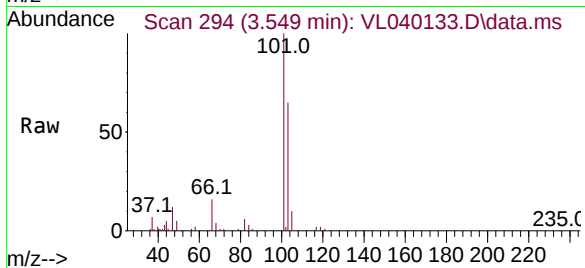




#11
 Trichlorofluoromethane
 Concen: 0.435 ppbv
 RT: 3.549 min Scan# 295
 Delta R.T. 0.003 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16

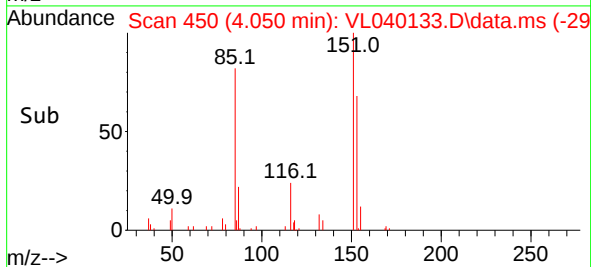
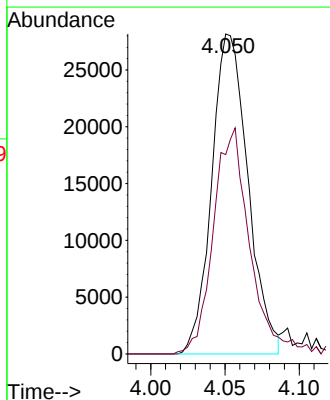
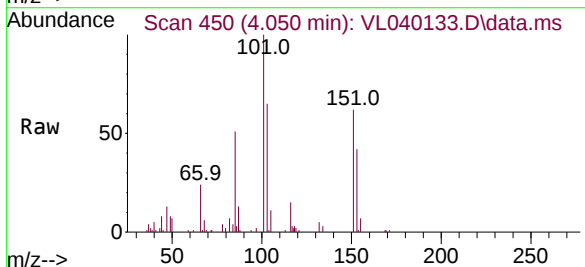
Instrument :
 MSVOA_L
 ClientSampleId :

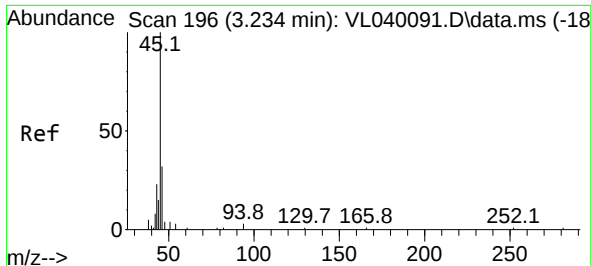
Tgt Ion:101 Resp: 65948
 Ion Ratio Lower Upper
 101 100
 103 65.3 54.0 81.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.420 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. 0.003 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16

Tgt Ion:101 Resp: 47883
 Ion Ratio Lower Upper
 101 100
 151 71.7 53.2 79.8

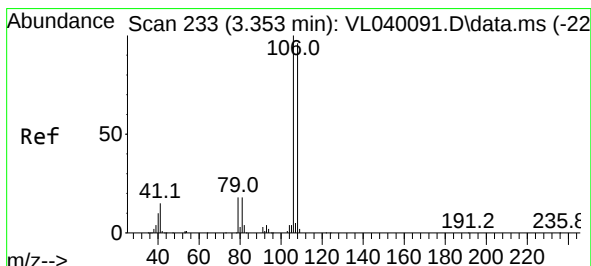
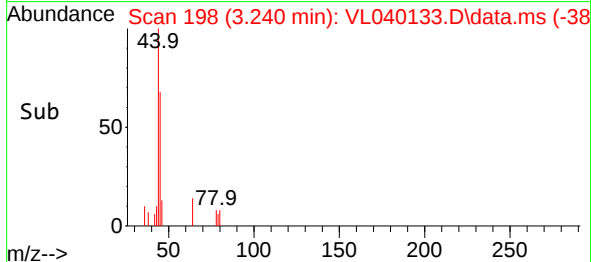
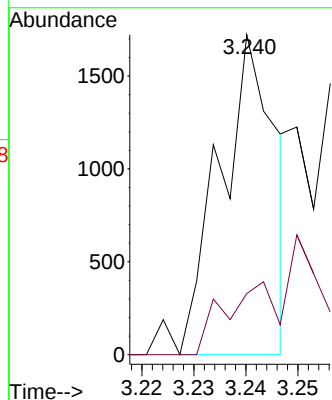
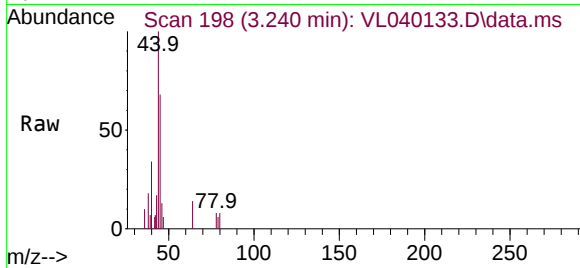




#13
Ethanol
Concen: 0.320 ppbv
RT: 3.240 min Scan# 196
Delta R.T. 0.013 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

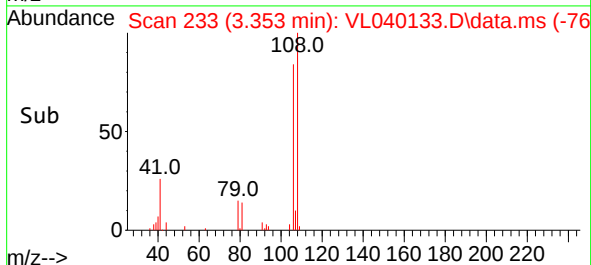
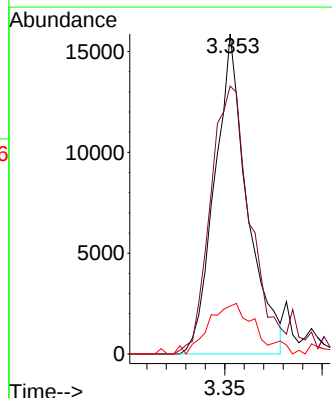
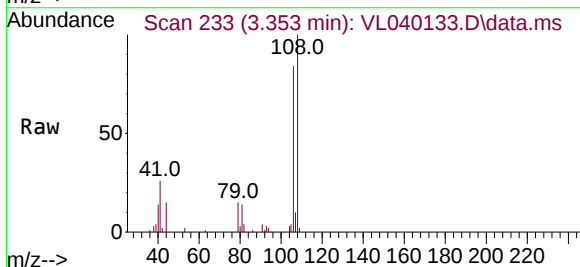
Instrument :
MSVOA_L
ClientSampleId :

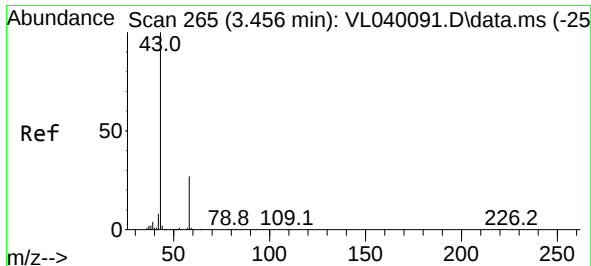
Tgt Ion: 45 Resp: 1271
Ion Ratio Lower Upper
45 100
46 6.1 14.8 59.2#



#14
Bromoethene
Concen: 0.435 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 108 Resp: 18410
Ion Ratio Lower Upper
108 100
106 112.3 87.0 130.6
79 24.5 16.1 24.1#

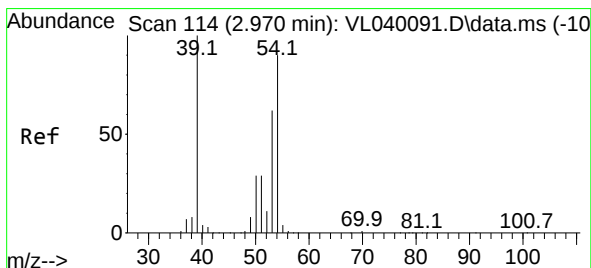
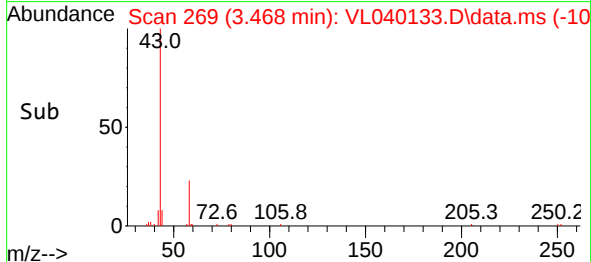
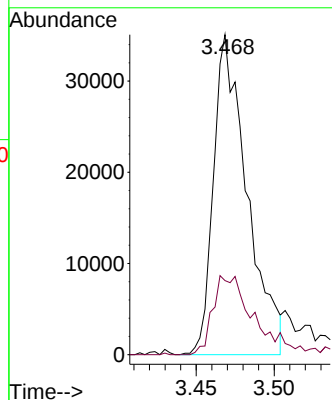
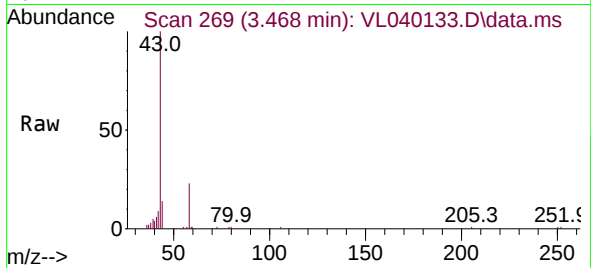




#15
Acetone
Concen: 0.504 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

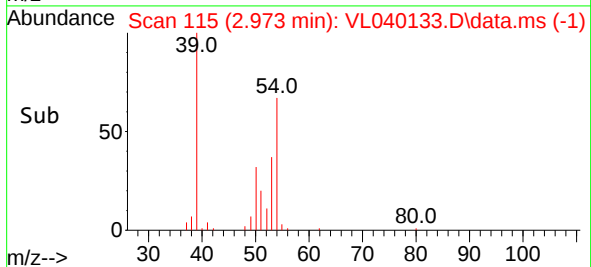
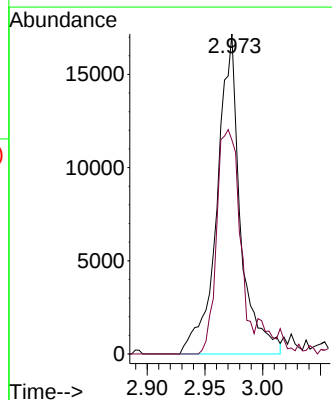
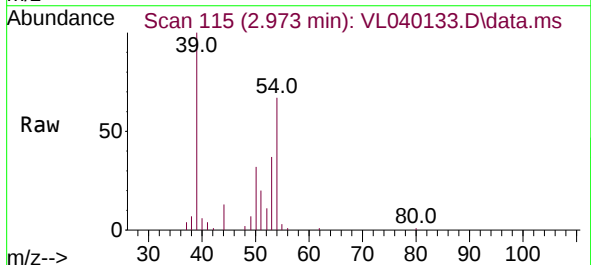
Instrument :
MSVOA_L
ClientSampleId :

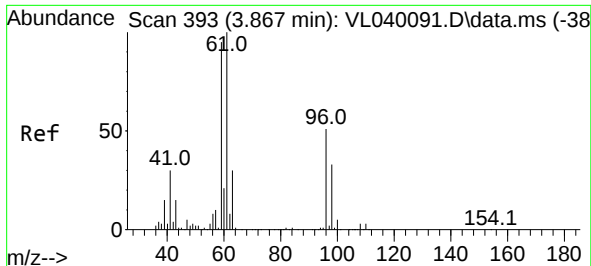
Tgt Ion: 43 Resp: 52337
Ion Ratio Lower Upper
43 100
58 32.4 21.8 32.8



#16
1,3-Butadiene
Concen: 0.498 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 39 Resp: 24139
Ion Ratio Lower Upper
39 100
54 79.9 67.9 101.9





#17

tert-Butyl alcohol

Concen: 0.472 ppbv

RT: 3.883 min Scan# 393

Delta R.T. 0.023 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

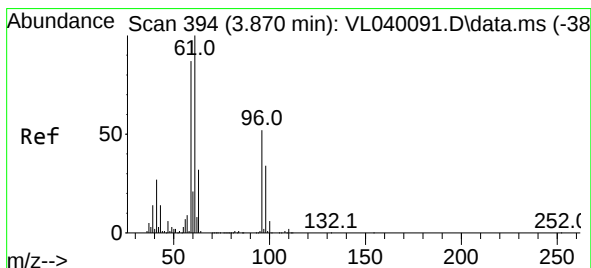
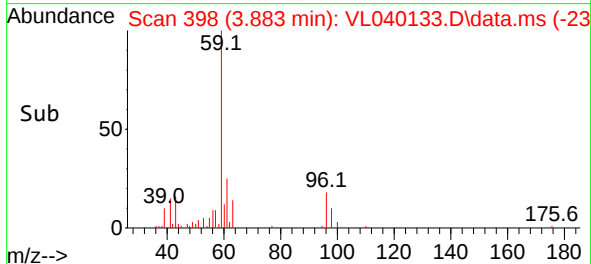
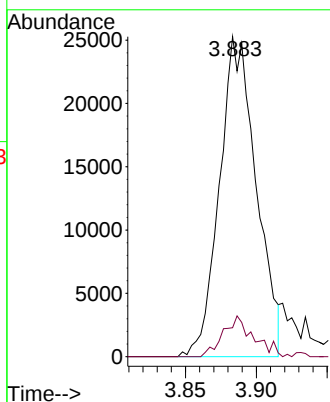
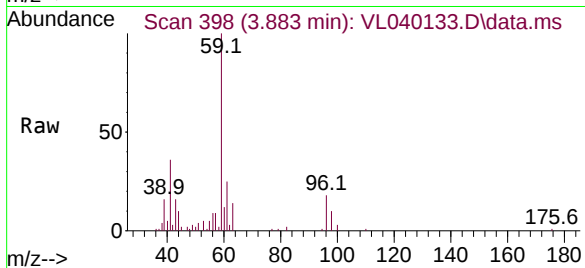
ClientSampleId :

Tgt Ion: 59 Resp: 45668

Ion Ratio Lower Upper

59 100

57 10.9 8.5 12.7



#18

1,1-Dichloroethene

Concen: 0.223 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.007 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

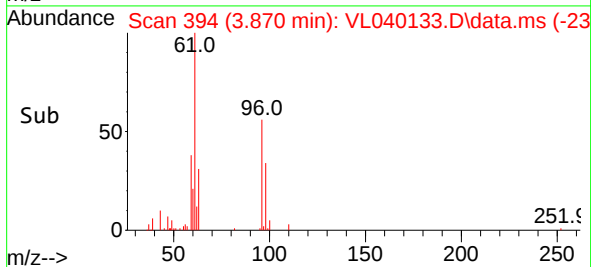
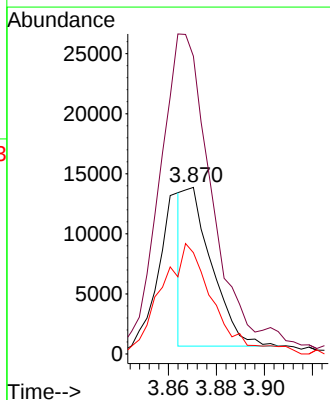
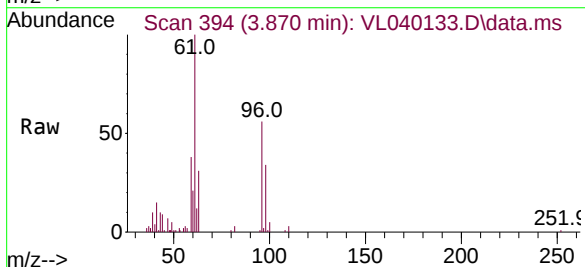
Tgt Ion: 96 Resp: 11051

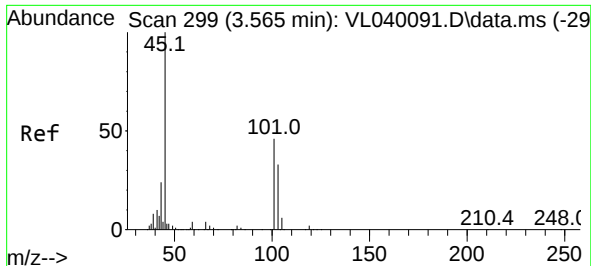
Ion Ratio Lower Upper

96 100

61 173.4 153.0 229.4

98 59.1 52.7 79.1





#19

Isopropyl Alcohol

Concen: 0.490 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.023 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

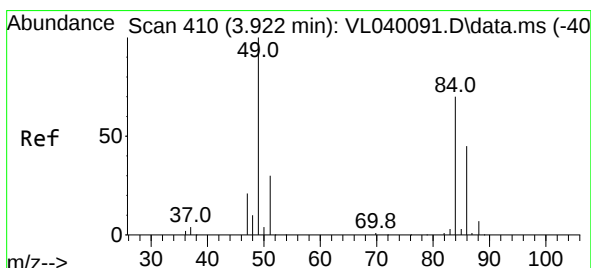
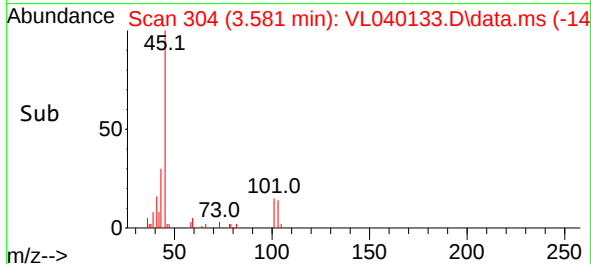
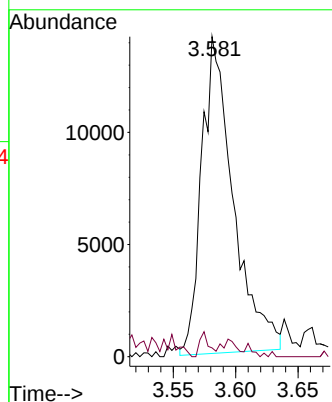
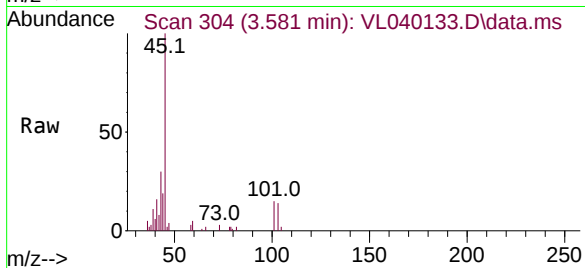
ClientSampleId :

Tgt Ion: 45 Resp: 24890

Ion Ratio Lower Upper

45 100

58 5.9 2.6 4.0#



#20

Methylene Chloride

Concen: 0.487 ppbv

RT: 3.919 min Scan# 409

Delta R.T. 0.003 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Tgt Ion: 84 Resp: 22315

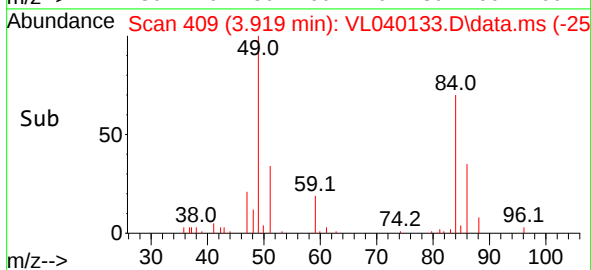
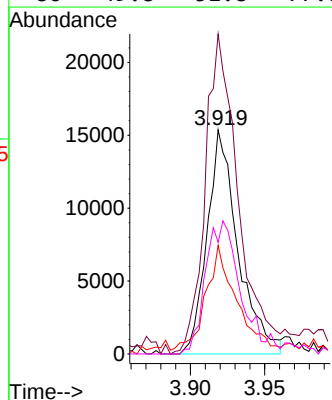
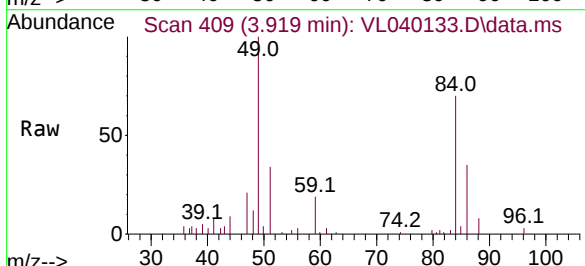
Ion Ratio Lower Upper

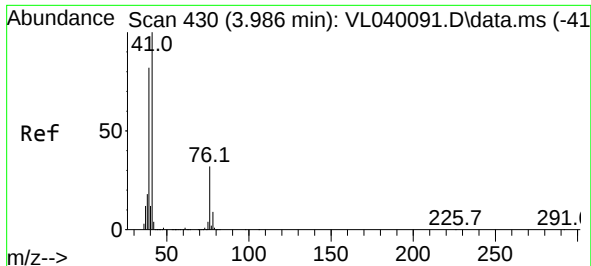
84 100

49 141.1 114.6 171.8

51 44.3 34.3 51.5

86 49.8 51.8 77.8#

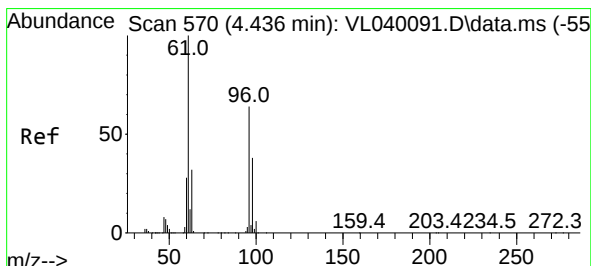
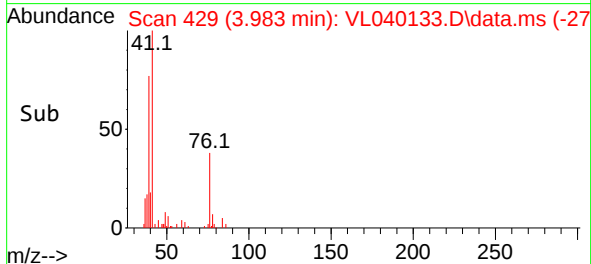
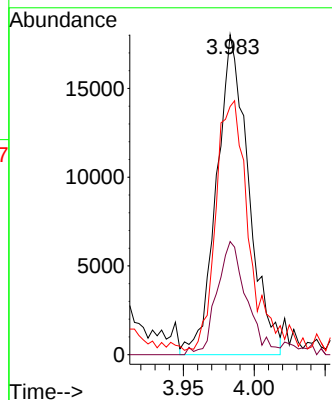
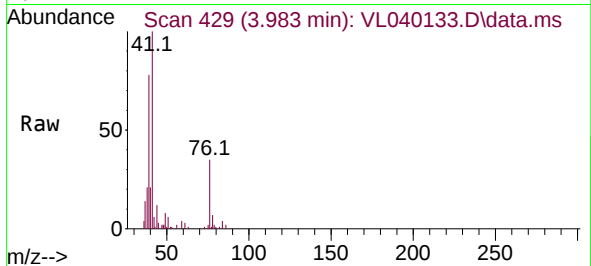




#21
 Allyl Chloride
 Concen: 0.425 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16

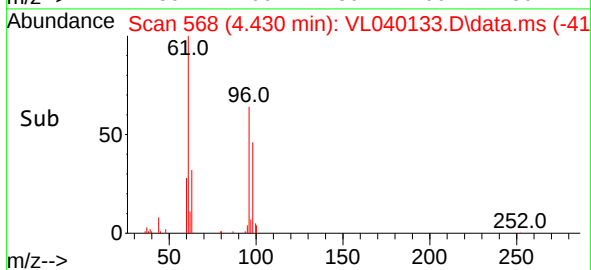
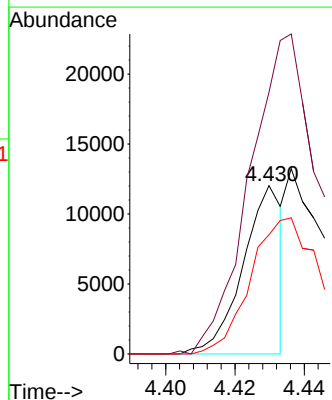
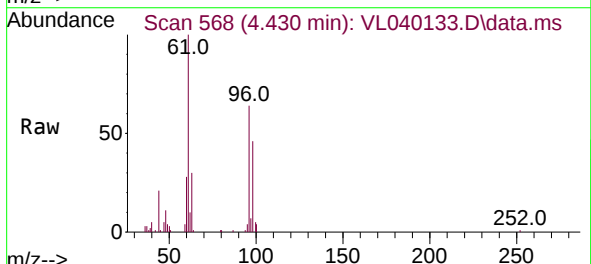
Instrument :
 MSVOA_L
 ClientSampleId :

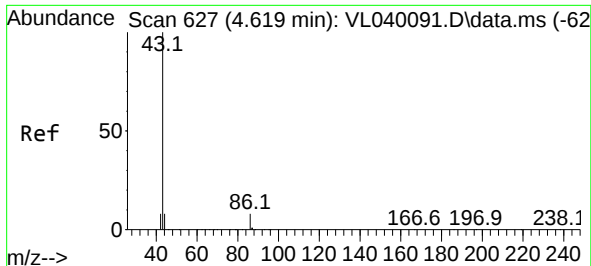
Tgt Ion: 41 Resp: 28361
 Ion Ratio Lower Upper
 41 100
 76 35.5 25.9 38.9
 39 85.9 66.8 100.2



#22
 trans-1,2-Dichloroethene
 Concen: 0.187 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16

Tgt Ion: 96 Resp: 9449
 Ion Ratio Lower Upper
 96 100
 61 153.7 125.8 188.8
 98 70.8 47.4 71.2





#23

Vinyl Acetate

Concen: 0.351 ppbv

RT: 4.620 min Scan# 61

Delta R.T. 0.007 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 11836

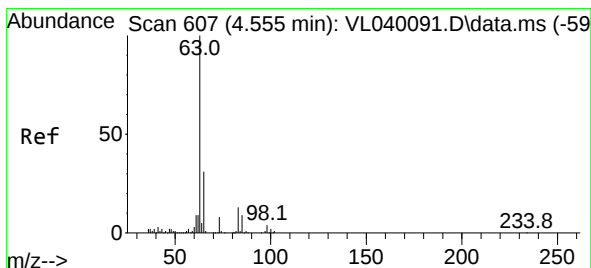
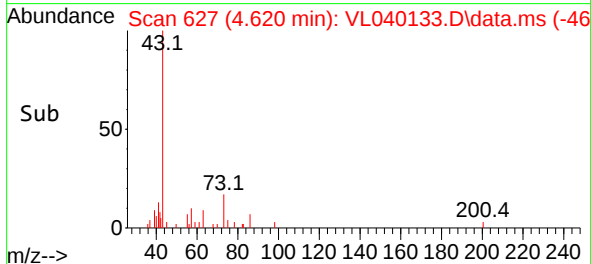
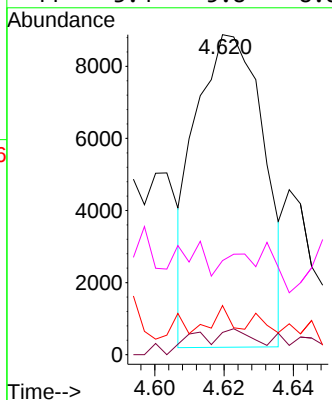
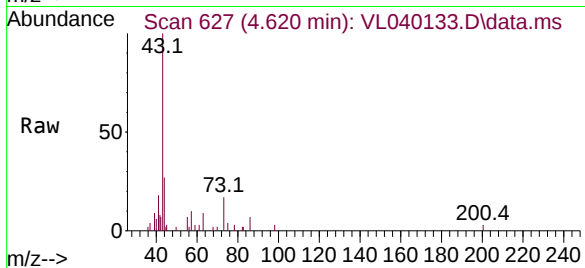
Ion Ratio Lower Upper

43 100

86 6.3 5.6 8.4

42 14.6 7.7 11.5#

44 3.4 5.8 8.8#



#24

1,1-Dichloroethane

Concen: 0.421 ppbv

RT: 4.549 min Scan# 605

Delta R.T. 0.000 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

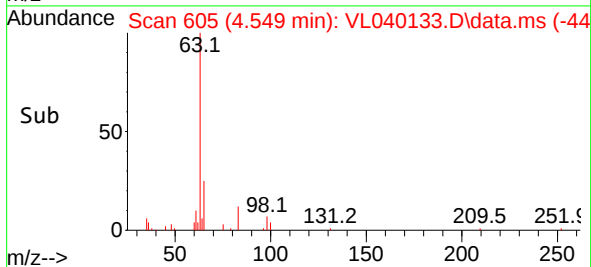
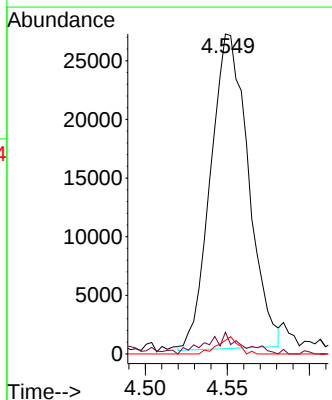
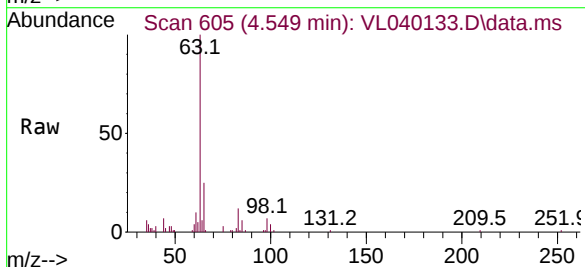
Tgt Ion: 63 Resp: 42921

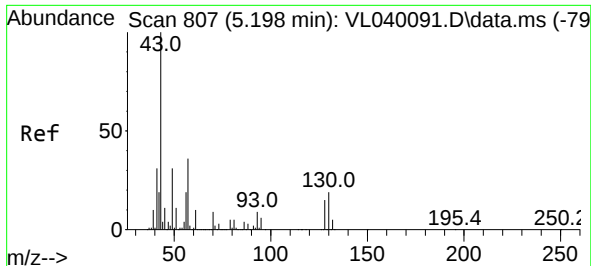
Ion Ratio Lower Upper

63 100

98 7.0 2.0 5.8#

100 4.4 1.1 3.5#

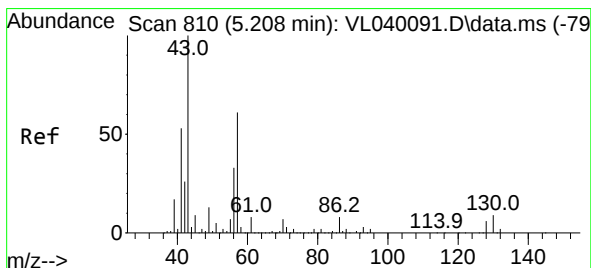
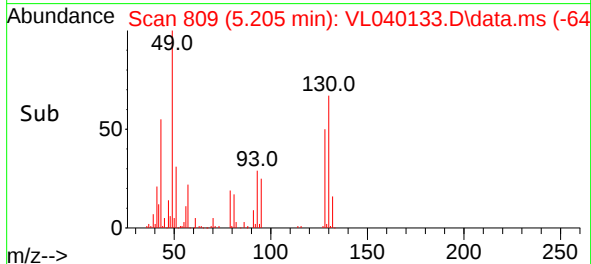
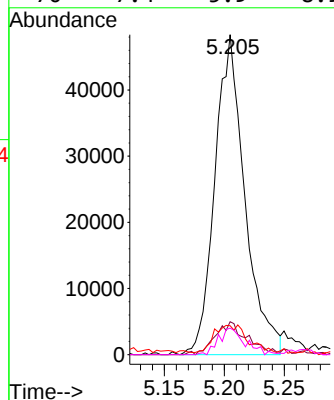
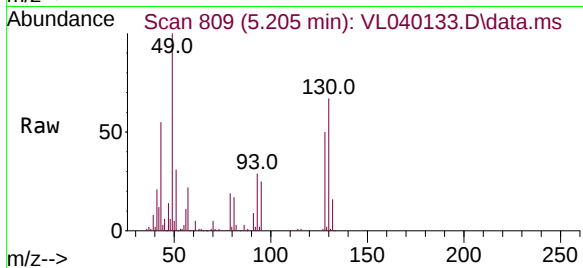




#25
Ethyl Acetate
Concen: 0.458 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.016 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

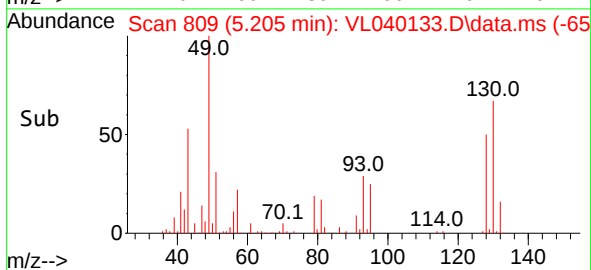
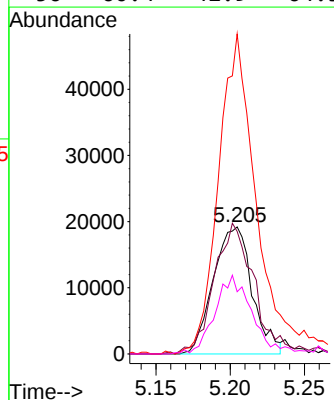
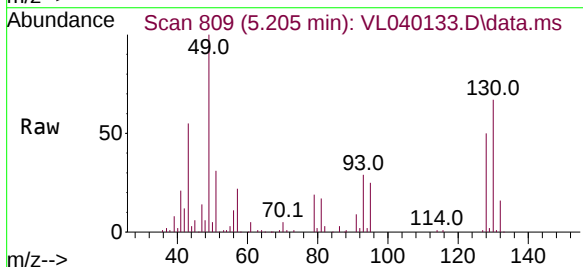
Instrument :
MSVOA_L
ClientSampleId :

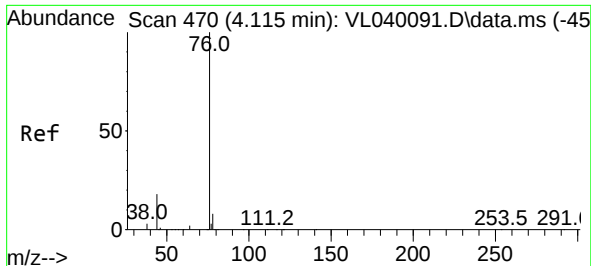
Tgt Ion: 43	Resp: 83853
Ion Ratio	Lower Upper
43 100	
45 12.1	8.5 12.7
61 13.3	8.4 12.6#
70 7.4	5.9 8.9



#26
Hexane
Concen: 0.436 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 57	Resp: 34932
Ion Ratio	Lower Upper
57 100	
41 109.6	72.2 108.4#
43 257.8	192.1 288.1
56 60.4	42.9 64.3

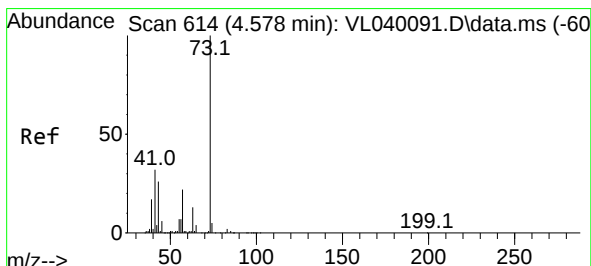
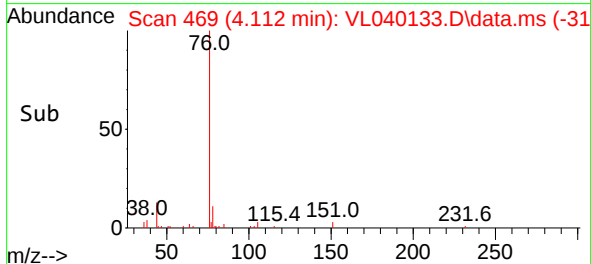
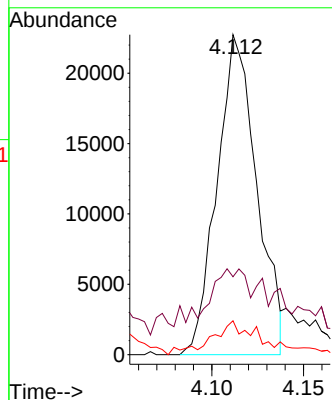
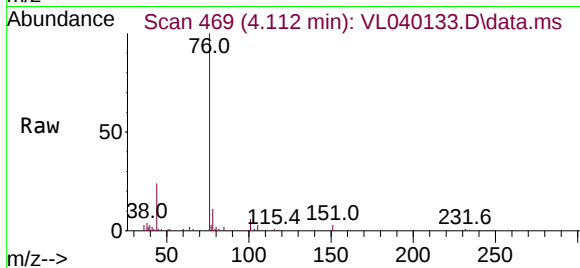




#27
Carbon Disulfide
Concen: 0.330 ppbv
RT: 4.112 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

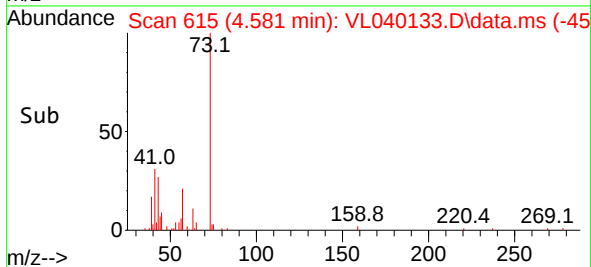
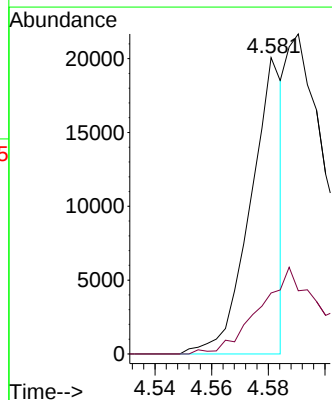
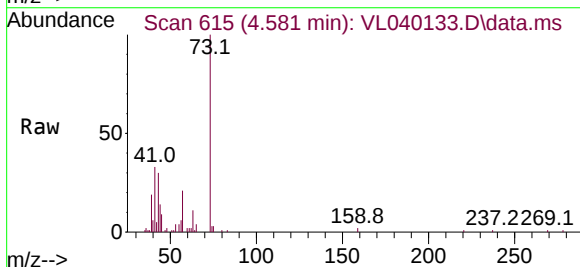
Instrument :
MSVOA_L
ClientSampleId :

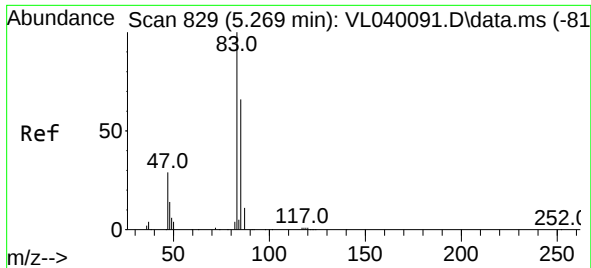
Tgt Ion: 76 Resp: 34244
Ion Ratio Lower Upper
76 100
44 40.3 14.9 22.3#
78 13.4 8.2 12.2#



#28
Methyl tert-Butyl Ether
Concen: 0.174 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.013 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 73 Resp: 15671
Ion Ratio Lower Upper
73 100
57 0.0 18.3 27.5#

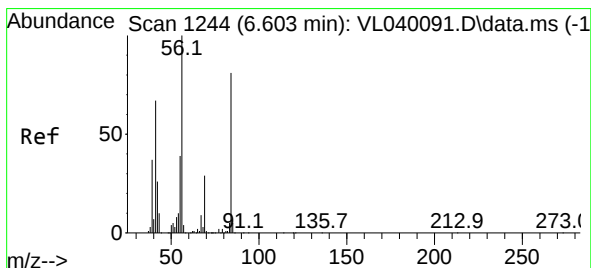
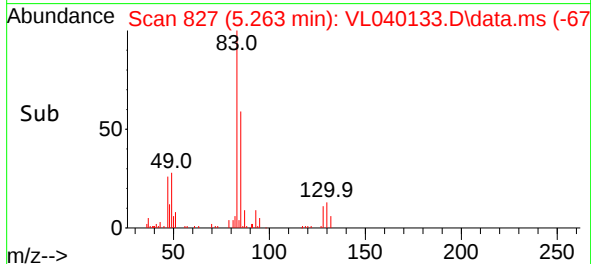
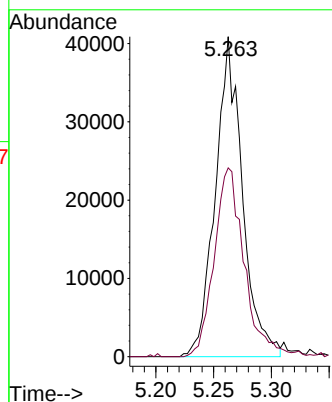
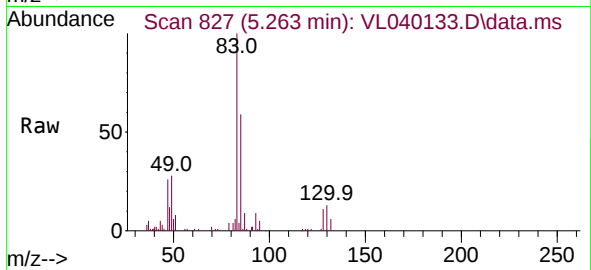




#29
Chloroform
Concen: 0.521 ppbv
RT: 5.263 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

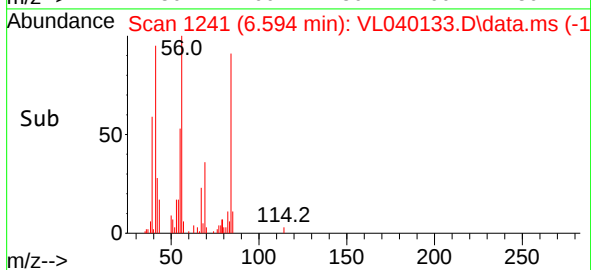
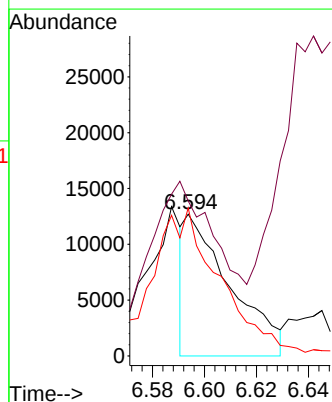
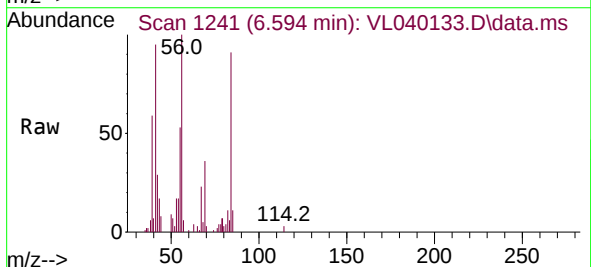
Instrument :
MSVOA_L
ClientSampleId :

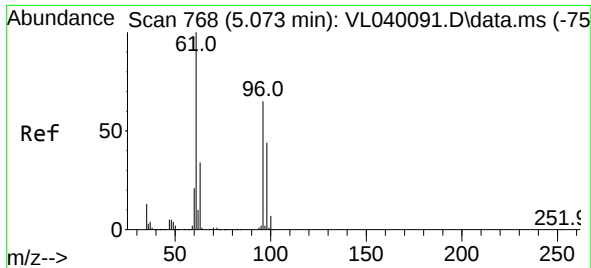
Tgt Ion: 83 Resp: 66716
Ion Ratio Lower Upper
83 100
85 59.0 53.1 79.7



#30
Cyclohexane
Concen: 0.242 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 84 Resp: 15384
Ion Ratio Lower Upper
84 100
56 189.4 111.5 167.3#
41 165.5 71.4 107.0#

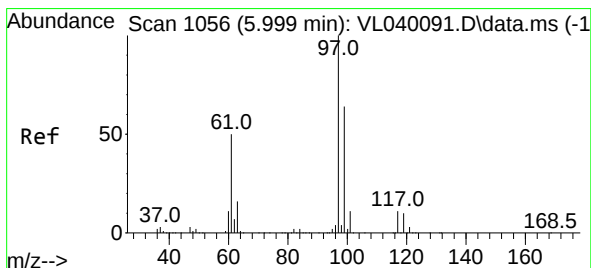
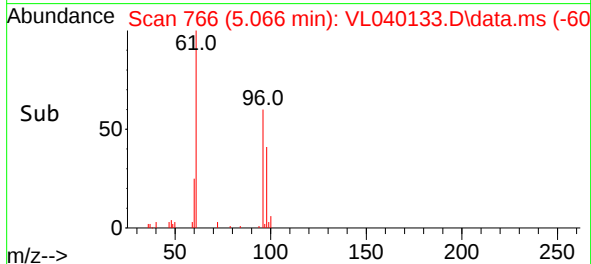
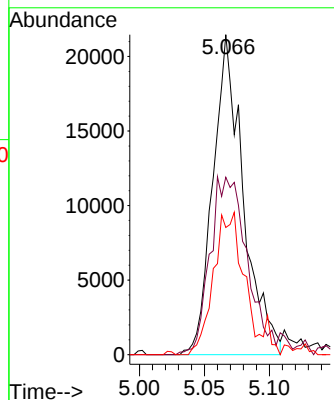
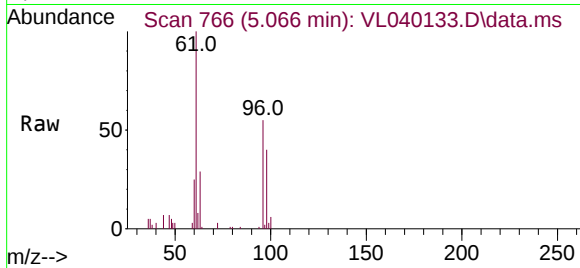




#31
 cis-1,2-Dichloroethene
 Concen: 0.450 ppbv
 RT: 5.066 min Scan# 766
 Delta R.T. 0.003 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16

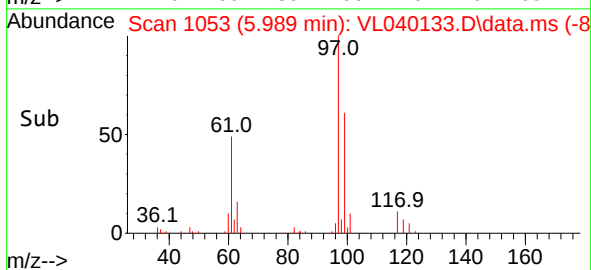
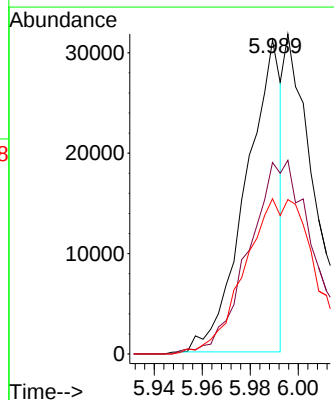
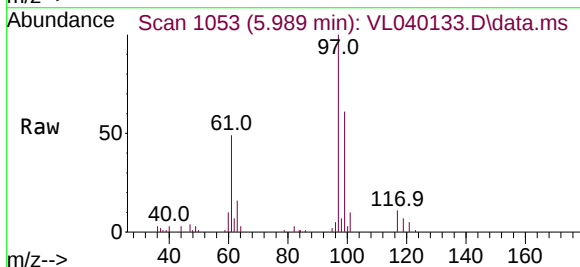
Instrument :
 MSVOA_L
 ClientSampleId :

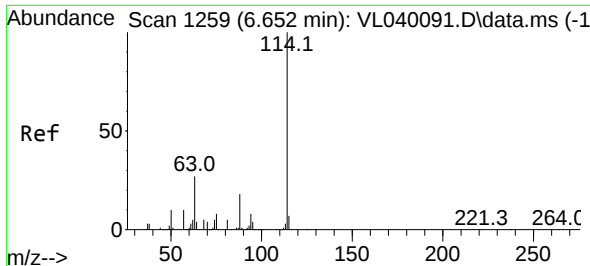
Tgt Ion: 61 Resp: 34866
 Ion Ratio Lower Upper
 61 100
 96 54.7 52.0 78.0
 98 39.7 35.3 52.9



#32
 1,1,1-Trichloroethane
 Concen: 0.244 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16

Tgt Ion: 97 Resp: 31808
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.8 77.6#
 61 102.1 40.4 60.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

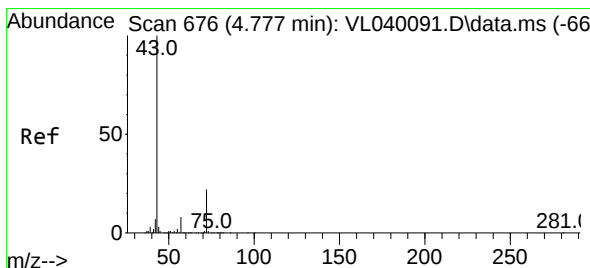
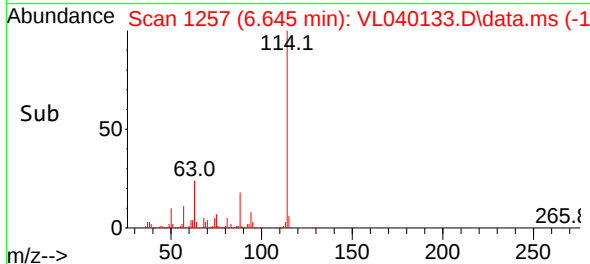
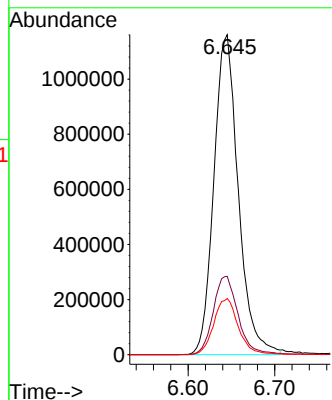
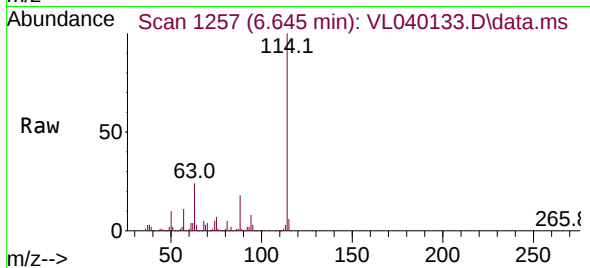
Tgt Ion:114 Resp: 2274813

Ion Ratio Lower Upper

114 100

63 25.2 21.8 32.8

88 17.9 14.8 22.2



#34

2-Butanone

Concen: 0.436 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.019 min

Lab File: VL040133.D

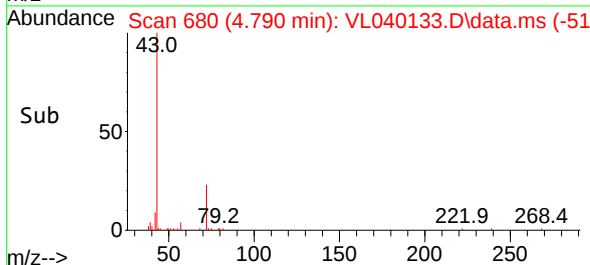
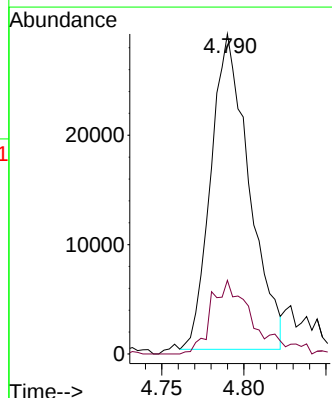
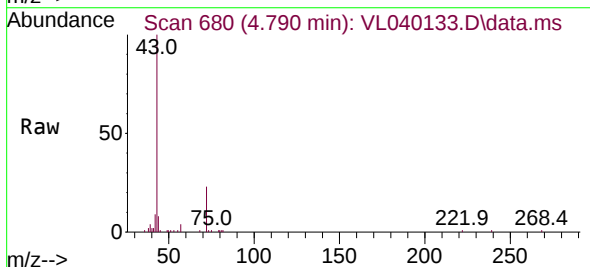
Acq: 30 Jan 2023 15:16

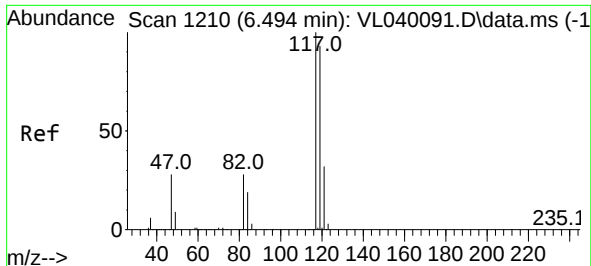
Tgt Ion: 43 Resp: 46863

Ion Ratio Lower Upper

43 100

72 25.6 18.4 27.6

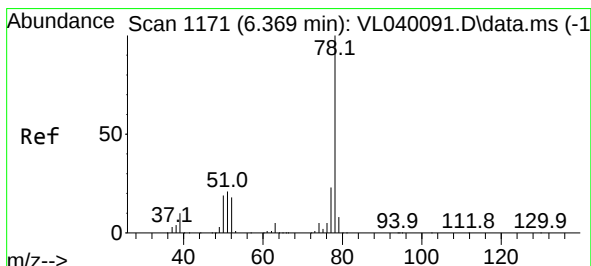
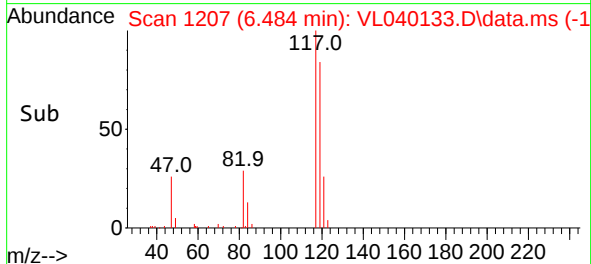
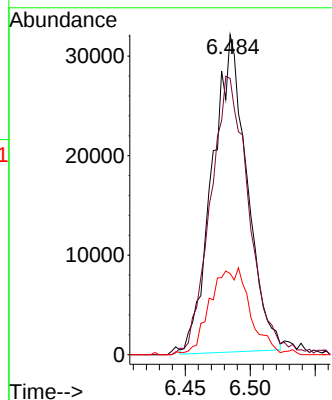
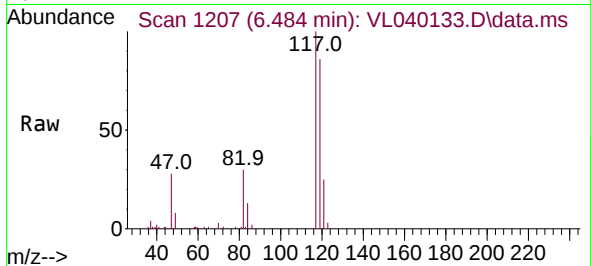




#35
Carbon Tetrachloride
Concen: 0.461 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

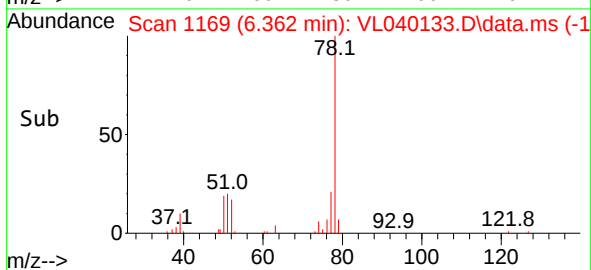
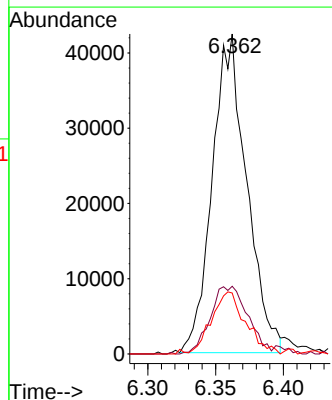
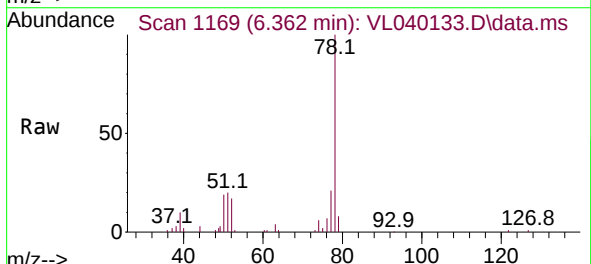
Instrument :
MSVOA_L
ClientSampleId :

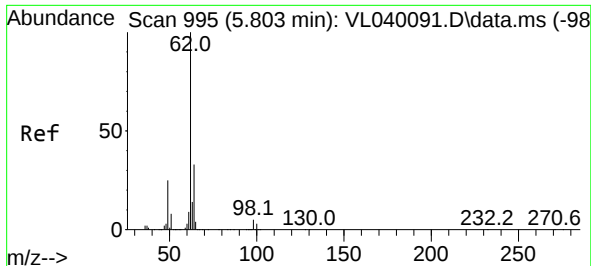
Tgt Ion:117 Resp: 59262
Ion Ratio Lower Upper
117 100
119 85.6 74.5 111.7
121 25.1 25.4 38.0#



#36
Benzene
Concen: 0.444 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 78 Resp: 74724
Ion Ratio Lower Upper
78 100
77 21.2 18.1 27.1
50 19.1 15.6 23.4

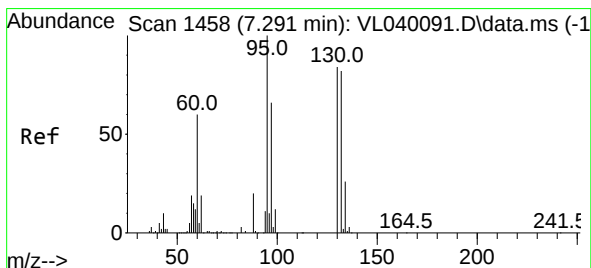
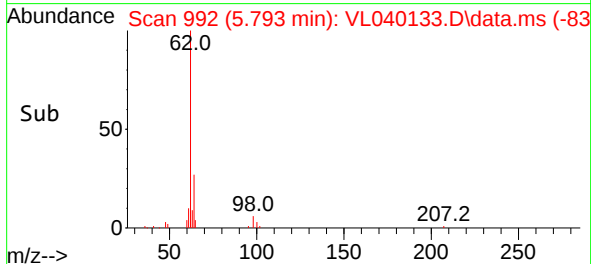
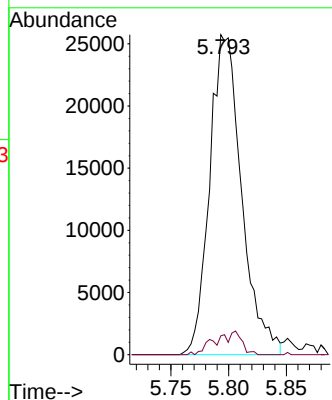
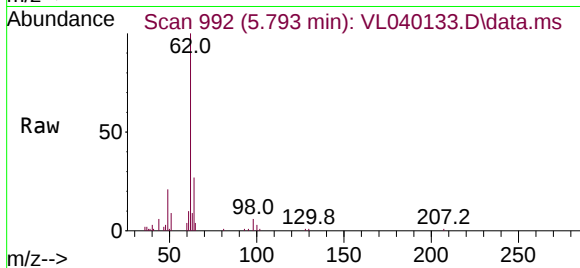




#37
1,2-Dichloroethane
Concen: 0.458 ppbv
RT: 5.793 min Scan# 995
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

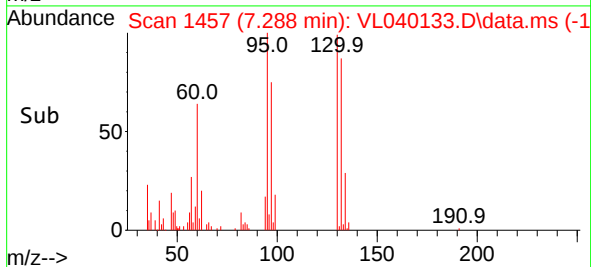
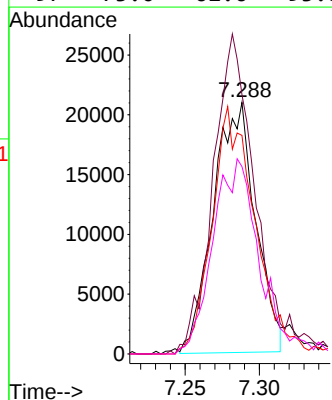
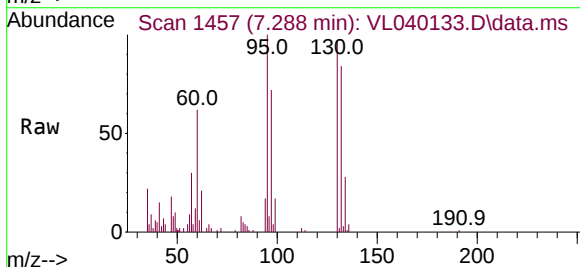
Instrument :
MSVOA_L
ClientSampleId :

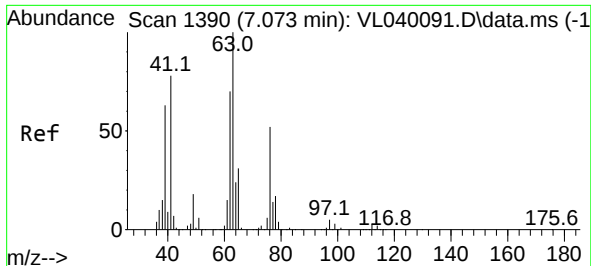
Tgt Ion: 62 Resp: 49532
Ion Ratio Lower Upper
62 100
98 6.1 4.4 6.6



#38
Trichloroethene
Concen: 0.433 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.010 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion:130 Resp: 41387
Ion Ratio Lower Upper
130 100
95 100.1 95.0 142.6
132 85.4 77.9 116.9
97 73.0 62.6 93.8





#39

1,2-Dichloropropane

Concen: 0.301 ppbv

RT: 7.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

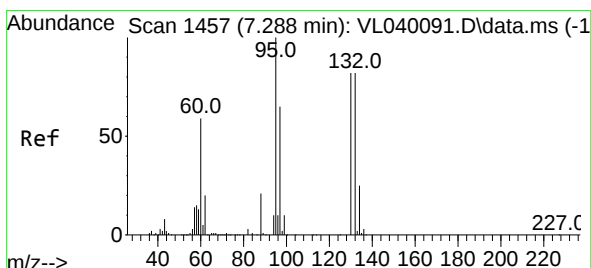
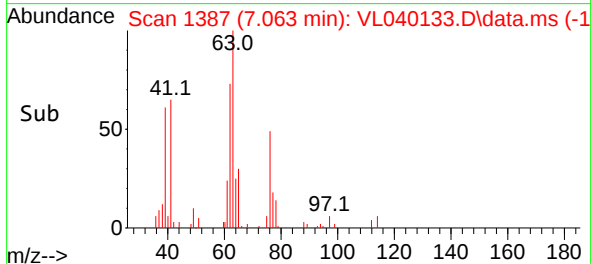
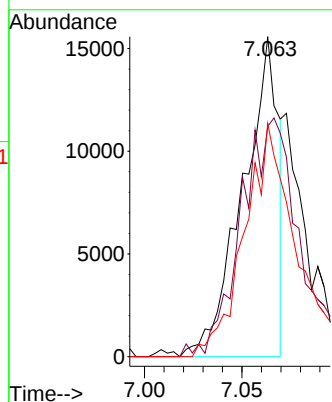
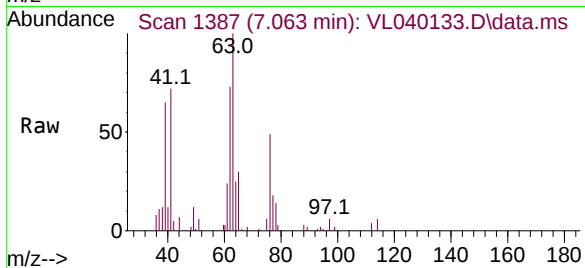
Tgt Ion: 63 Resp: 19788

Ion Ratio Lower Upper

63 100

41 71.9 62.2 93.4

62 72.9 55.8 83.8



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. -0.029 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Tgt Ion: 88 Resp: 89

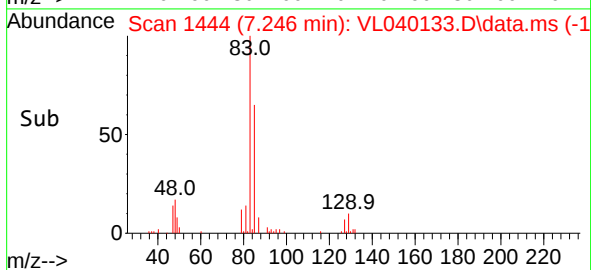
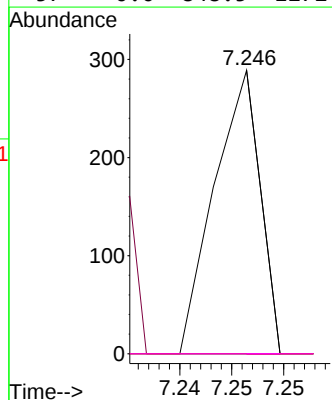
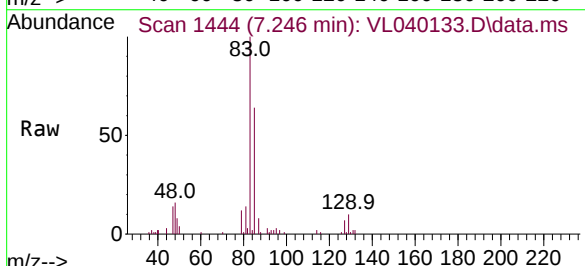
Ion Ratio Lower Upper

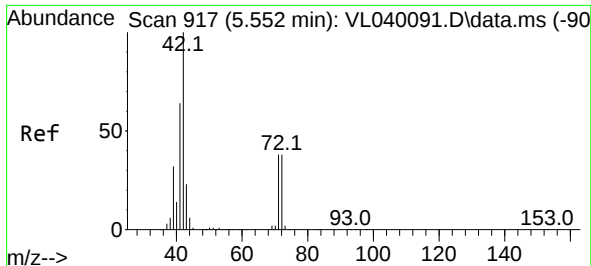
88 100

58 0.0 97.5 146.3#

43 0.0 195.0 292.4#

57 0.0 848.5 1272.7#





#41

Tetrahydrofuran

Concen: 0.387 ppbv

RT: 5.574 min Scan# 917

Delta R.T. 0.032 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

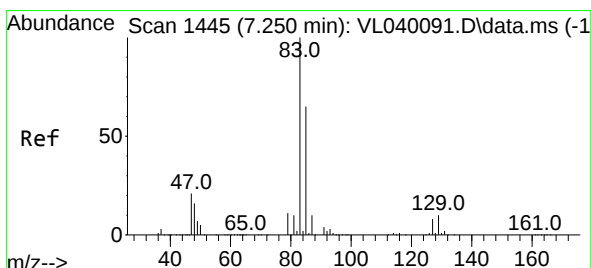
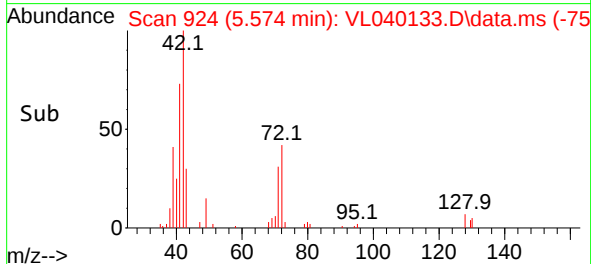
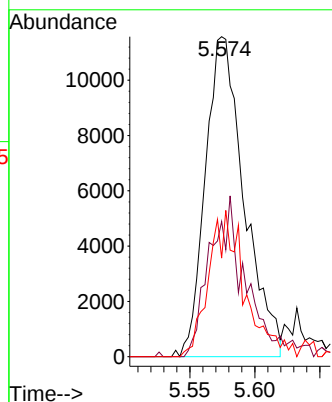
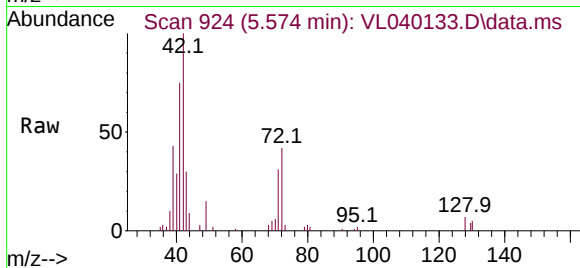
Tgt Ion: 42 Resp: 24042

Ion Ratio Lower Upper

42 100

72 46.5 31.9 47.9

71 44.0 31.4 47.2



#42

Bromodichloromethane

Concen: 0.422 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.010 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

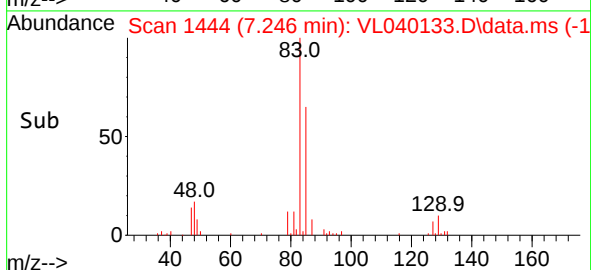
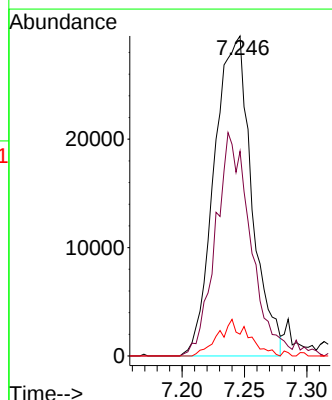
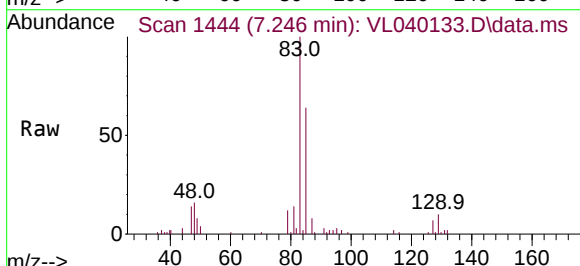
Tgt Ion: 83 Resp: 61731

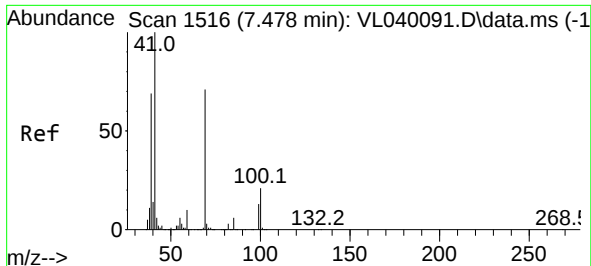
Ion Ratio Lower Upper

83 100

85 63.9 51.7 77.5

127 6.8 6.2 9.2

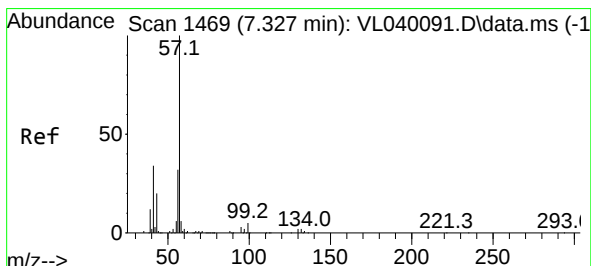
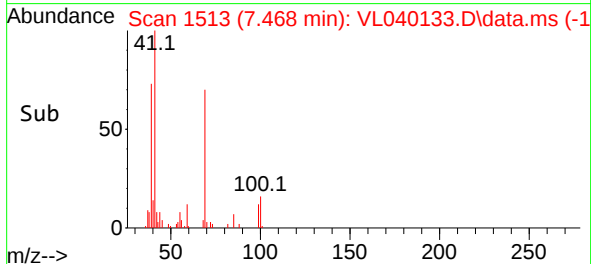
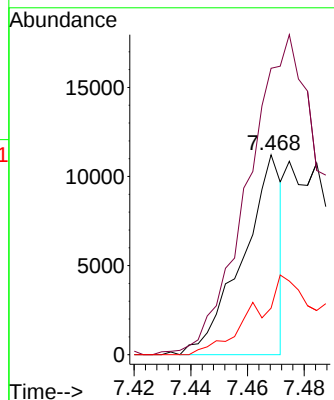
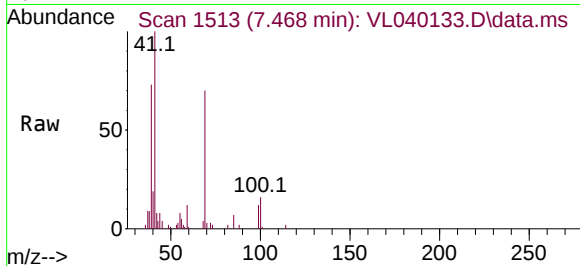




#43
Methyl Methacrylate
Concen: 0.173 ppbv
RT: 7.468 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

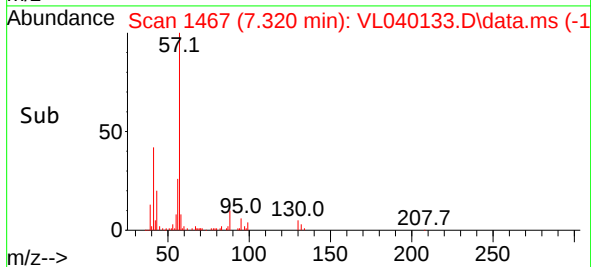
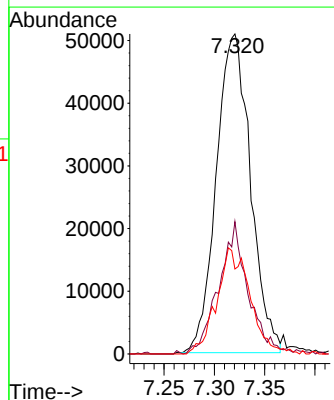
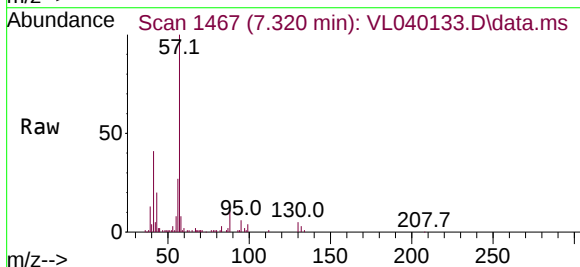
Instrument :
MSVOA_L
ClientSampleId :

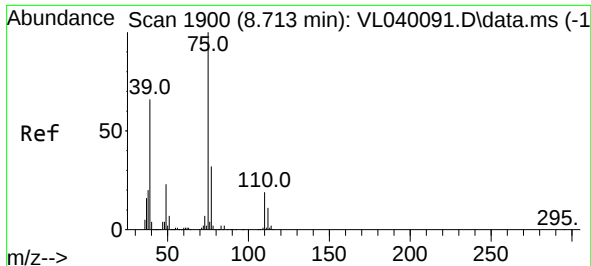
Tgt Ion: 69 Resp: 10669
Ion Ratio Lower Upper
69 100
41 0.0 118.2 177.2#
100 0.0 24.2 36.4#



#44
2,2,4-Trimethylpentane
Concen: 0.429 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 57 Resp: 120126
Ion Ratio Lower Upper
57 100
41 36.3 27.1 40.7
56 32.7 25.0 37.4

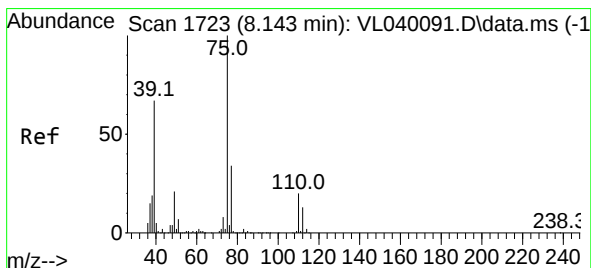
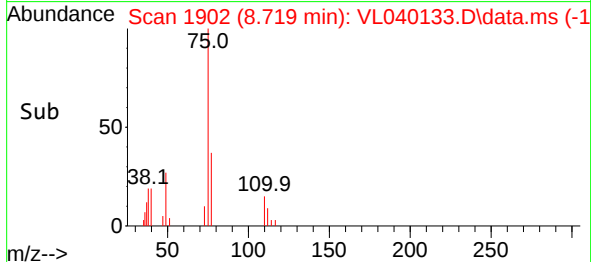
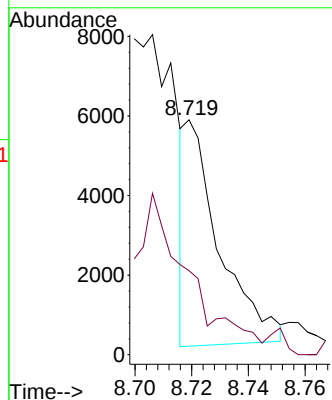
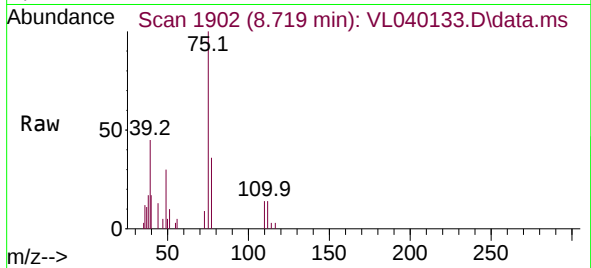




#45
t-1,3-Dichloropropene
Concen: 0.086 ppbv
RT: 8.719 min Scan# 1719
Delta R.T. 0.019 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

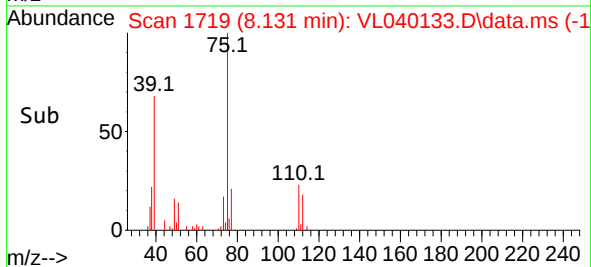
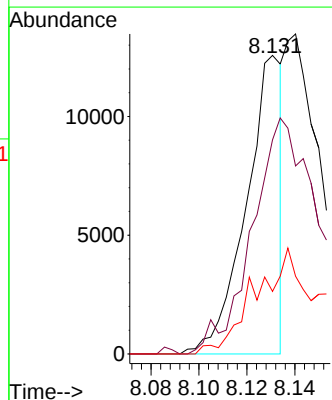
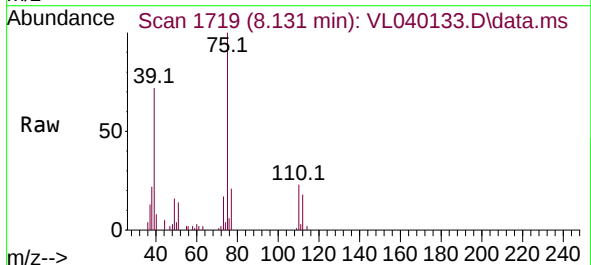
Instrument :
MSVOA_L
ClientSampleId :

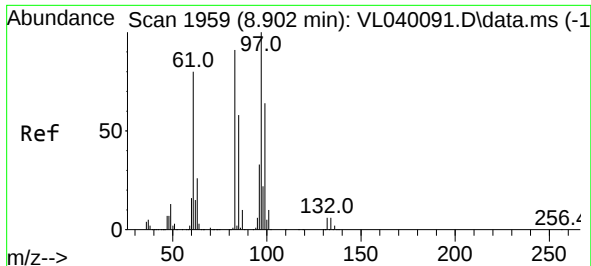
Tgt Ion: 75 Resp: 4746
Ion Ratio Lower Upper
75 100
77 35.8 25.6 38.4



#46
cis-1,3-Dichloropropene
Concen: 0.172 ppbv
RT: 8.131 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 75 Resp: 12982
Ion Ratio Lower Upper
75 100
39 71.7 53.6 80.4
77 21.0 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 0.280 ppbv

RT: 8.896 min Scan# 1957

Delta R.T. 0.010 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 19442

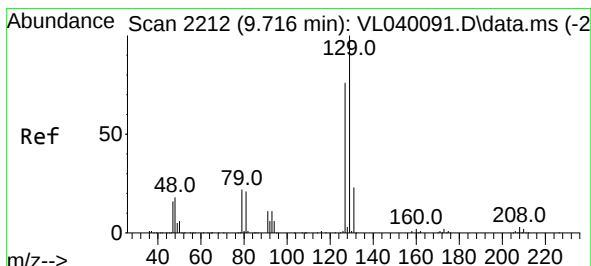
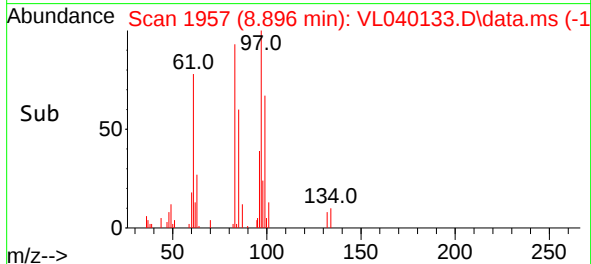
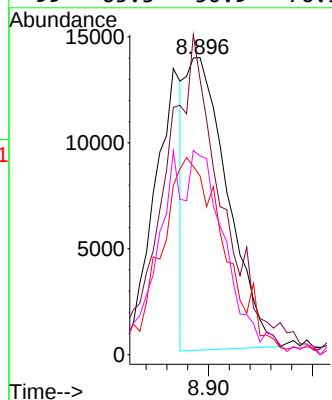
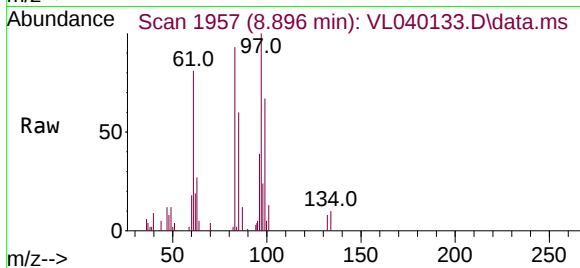
Ion Ratio Lower Upper

97 100

83 84.2 72.9 109.3

85 59.5 46.0 69.0

99 65.3 50.9 76.3



#48

Dibromochloromethane

Concen: 0.392 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. 0.003 min

Lab File: VL040133.D

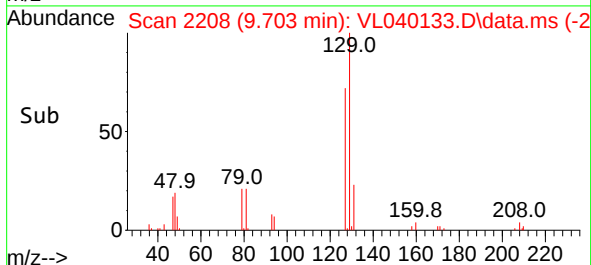
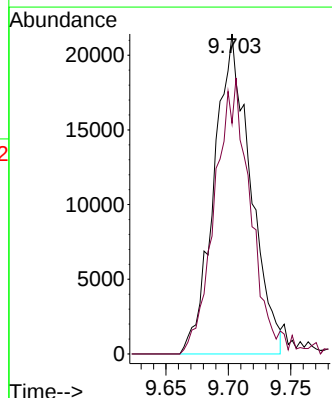
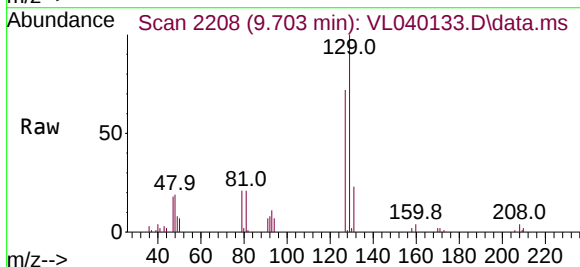
Acq: 30 Jan 2023 15:16

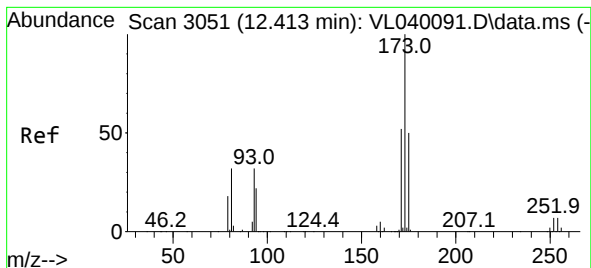
Tgt Ion: 129 Resp: 43657

Ion Ratio Lower Upper

129 100

127 85.8 39.3 117.9





#49

Bromoform

Concen: 0.342 ppbv

RT: 12.407 min Scan# 3051

Delta R.T. 0.010 min

Lab File: VL040133.D

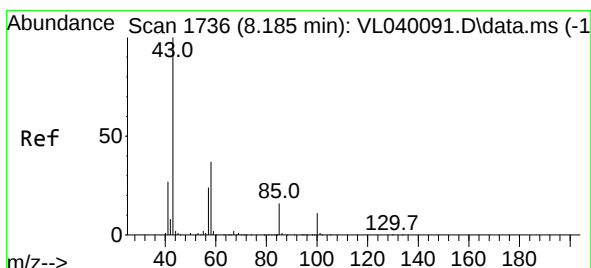
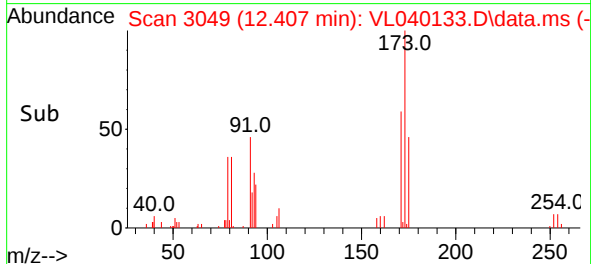
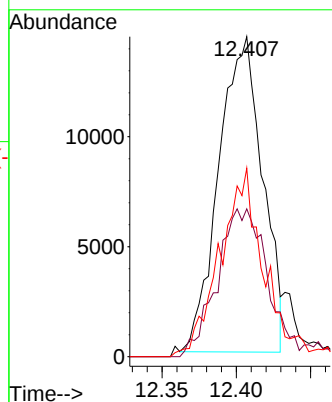
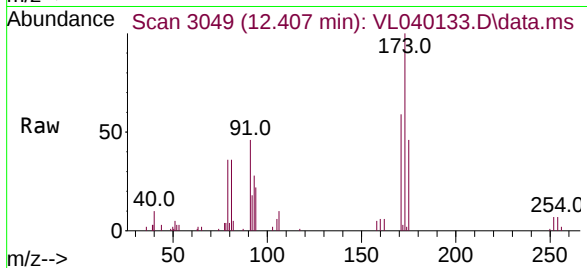
Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173	Resp:	29398
Ion Ratio	Lower	Upper
173	100	
175	55.4	39.7 59.5
171	59.9	42.2 63.2



#50

4-Methyl-2-Pentanone

Concen: 0.395 ppbv

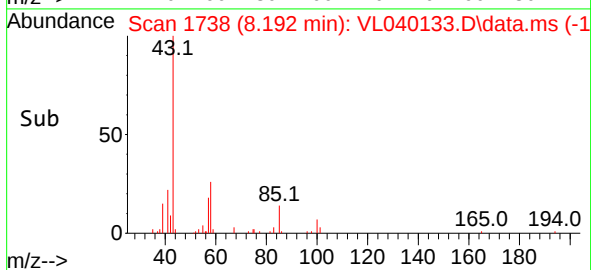
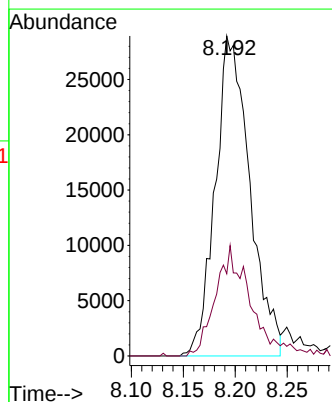
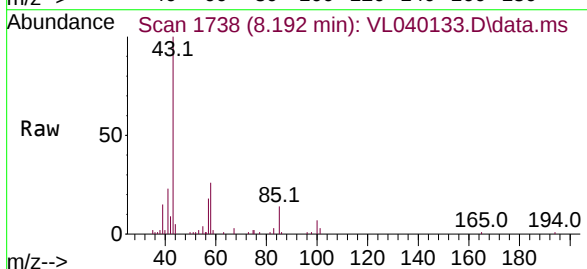
RT: 8.192 min Scan# 1738

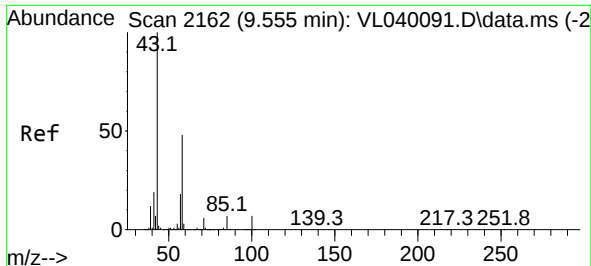
Delta R.T. 0.023 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Tgt Ion: 43	Resp:	66831
Ion Ratio	Lower	Upper
43	100	
58	35.6	28.8 43.2

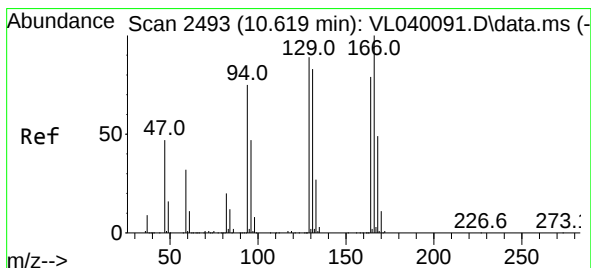
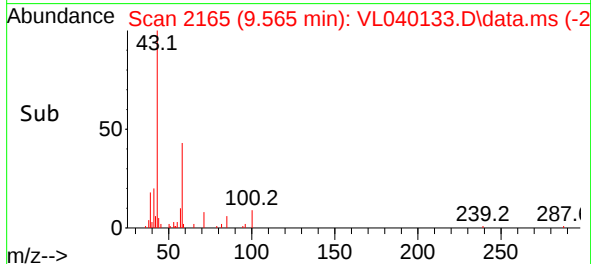
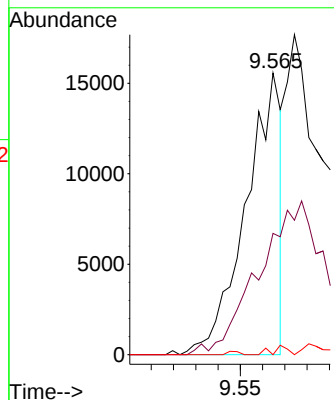
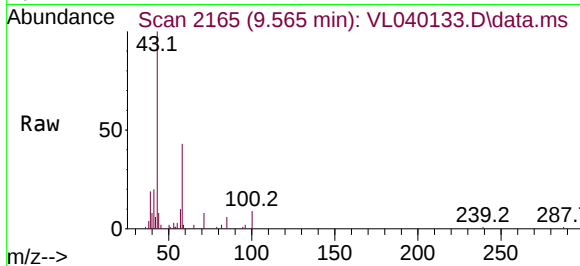




#51
2-Hexanone
Concen: 0.133 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. 0.023 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

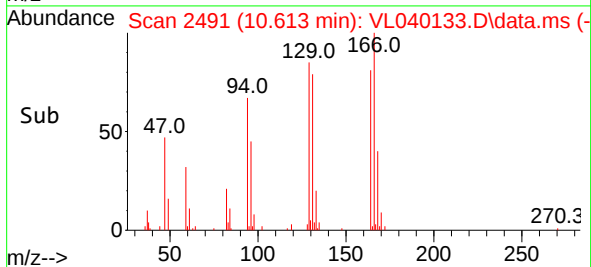
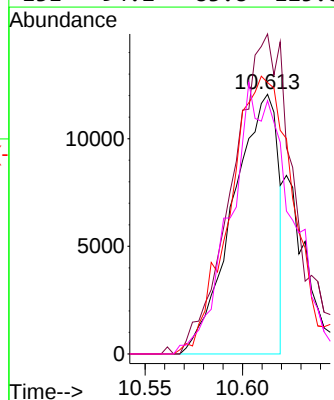
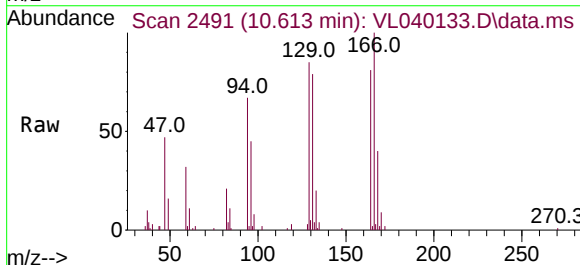
Instrument :
MSVOA_L
ClientSampleId :

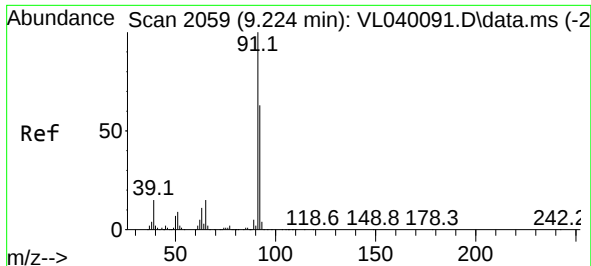
Tgt Ion: 43 Resp: 17092
Ion Ratio Lower Upper
43 100
58 0.0 37.5 56.3#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.355 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 164 Resp: 19534
Ion Ratio Lower Upper
164 100
166 123.2 101.2 151.8
129 102.9 90.2 135.2
131 94.2 83.8 125.8

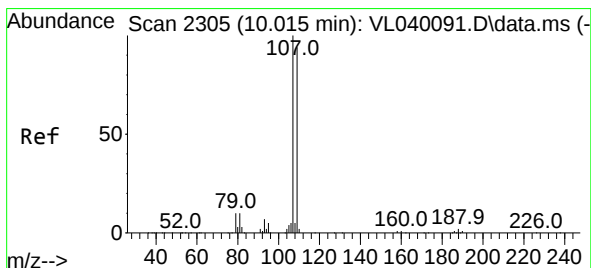
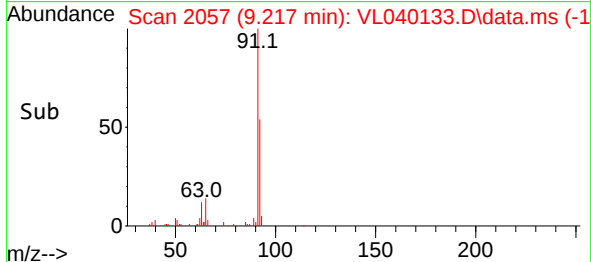
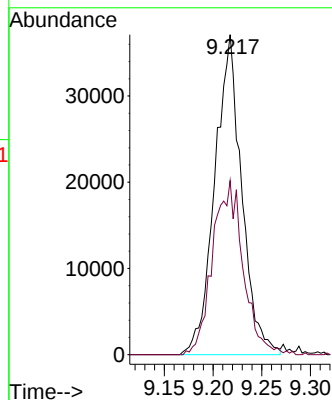
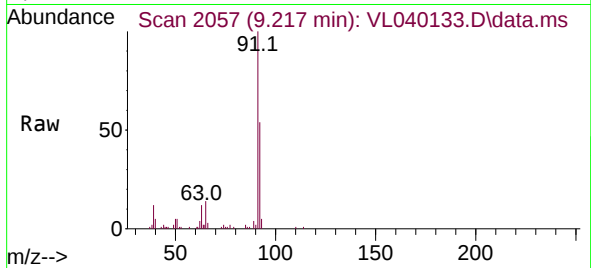




#53
Toluene
Concen: 0.398 ppbv
RT: 9.217 min Scan# 2059
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

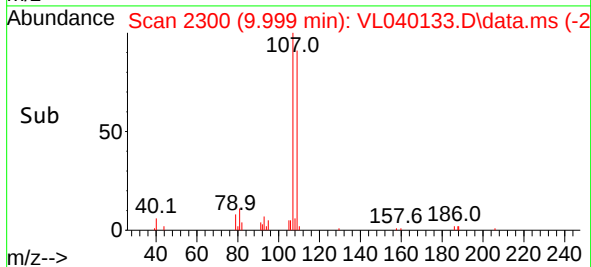
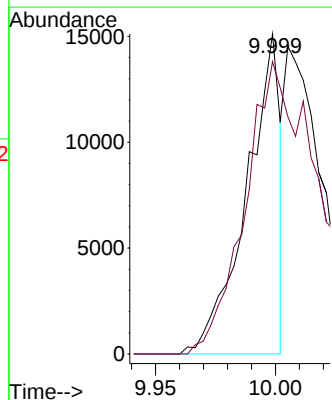
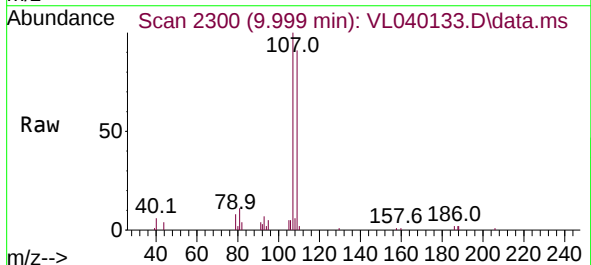
Instrument :
MSVOA_L
ClientSampleId :

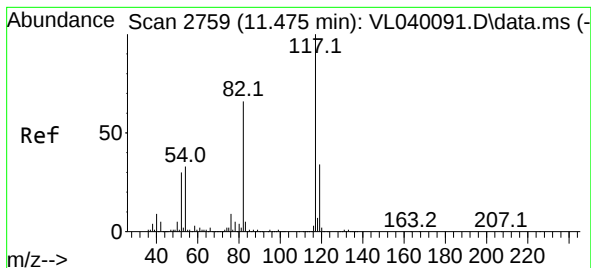
Tgt Ion: 91 Resp: 71417
Ion Ratio Lower Upper
91 100
92 61.5 48.3 72.5



#54
1,2-Dibromoethane
Concen: 0.204 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 107 Resp: 14795
Ion Ratio Lower Upper
107 100
109 91.3 75.0 112.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. 0.003 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

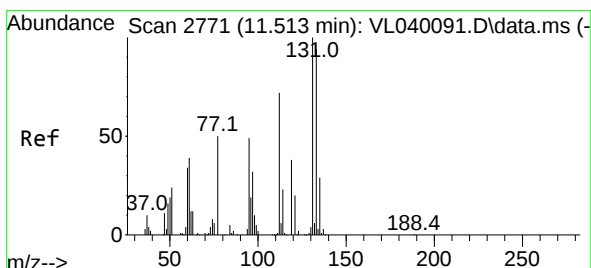
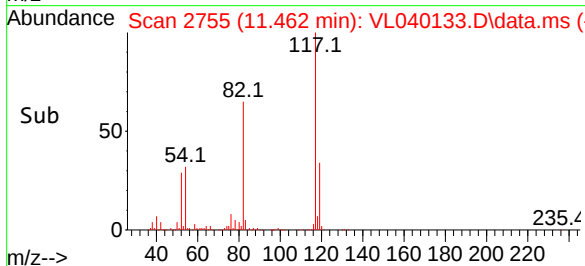
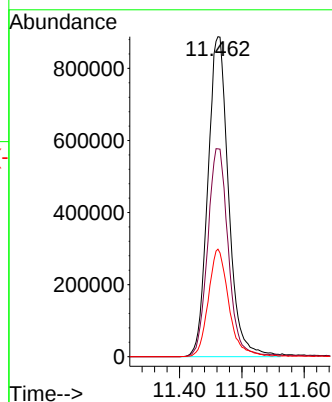
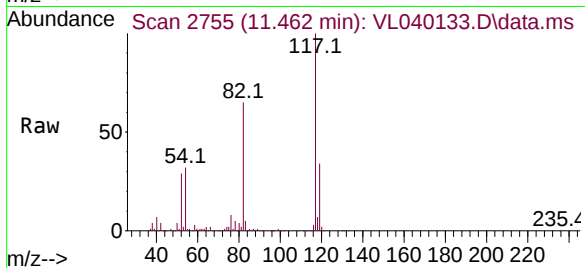
Tgt Ion:117 Resp: 2050601

Ion Ratio Lower Upper

117 100

82 65.6 54.4 81.6

119 33.5 26.8 40.2



#56

1,1,1,2-Tetrachloroethane

Concen: 0.213 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. 0.007 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

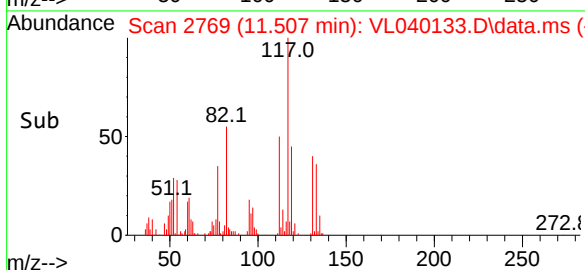
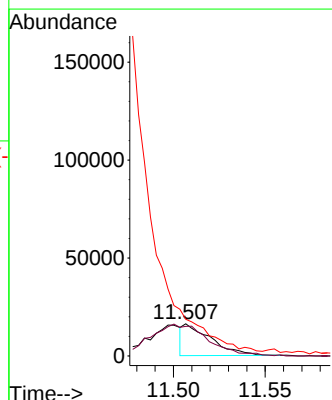
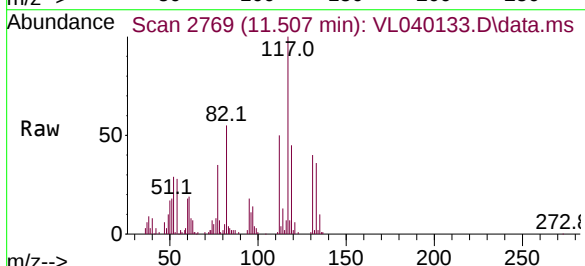
Tgt Ion:131 Resp: 16969

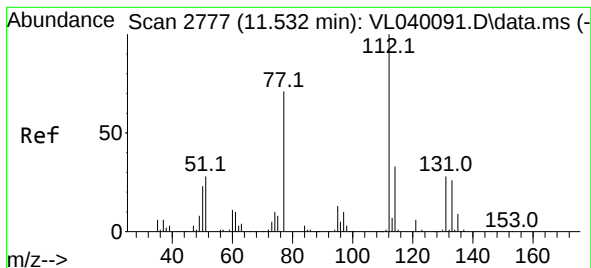
Ion Ratio Lower Upper

131 100

133 0.0 75.6 113.4#

119 0.0 47.2 70.8#





#57

Chlorobenzene

Concen: 0.477 ppbv

RT: 11.520 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040133.D

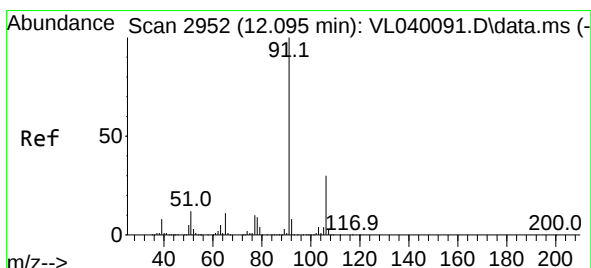
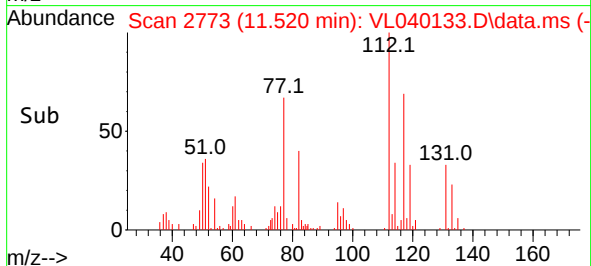
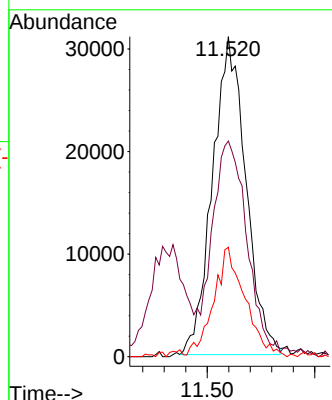
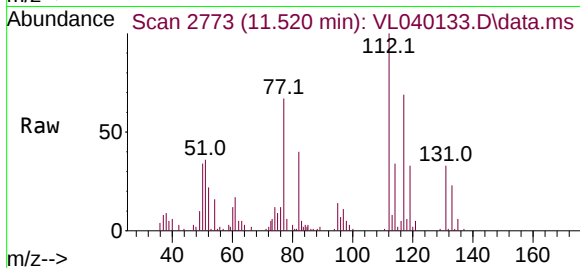
Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	112	Resp:	66744
Ion	Ratio	Lower	Upper
112	100		
77	66.4	57.3	85.9
114	33.1	29.6	36.2



#58

Ethyl Benzene

Concen: 0.404 ppbv

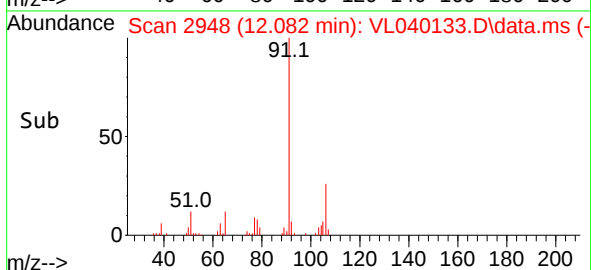
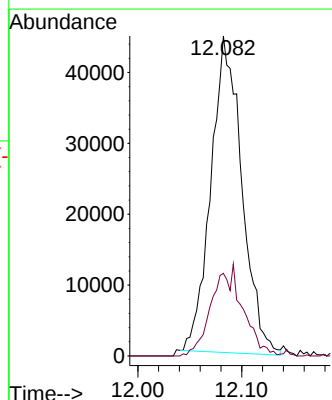
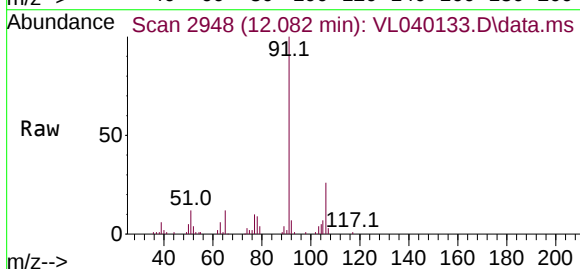
RT: 12.082 min Scan# 2948

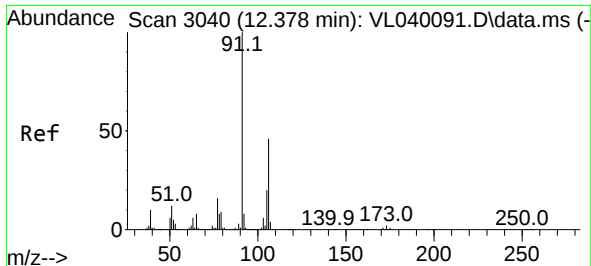
Delta R.T. 0.000 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Tgt Ion:	91	Resp:	92560
Ion	Ratio	Lower	Upper
91	100		
106	26.3	23.7	35.5





#59

m/p-Xylene

Concen: 0.530 ppbv

RT: 12.362 min Scan# 3040

Delta R.T. -0.003 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

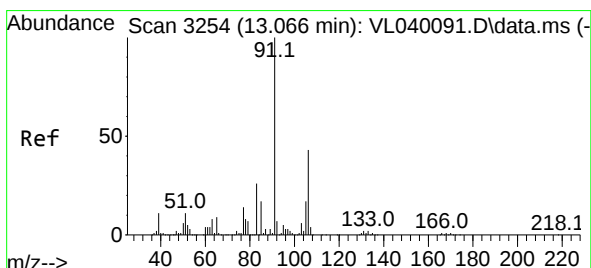
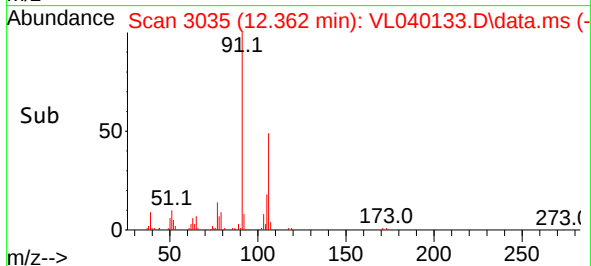
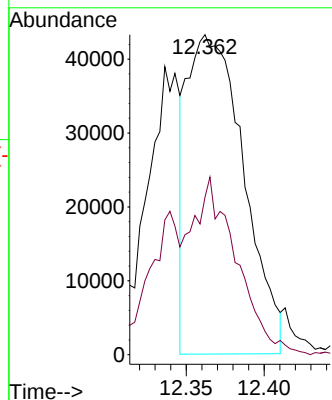
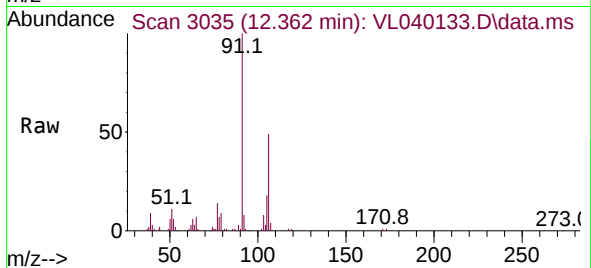
ClientSampleId :

Tgt Ion: 91 Resp: 109030

Ion Ratio Lower Upper

91 100

106 69.7 34.2 51.4#



#60

o-Xylene

Concen: 0.204 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VL040133.D

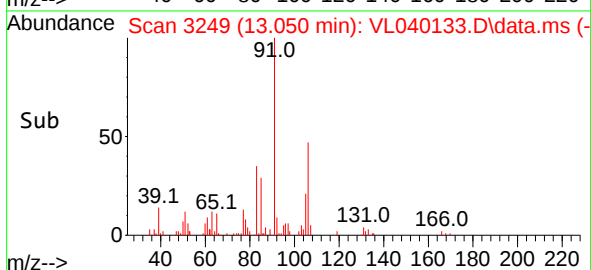
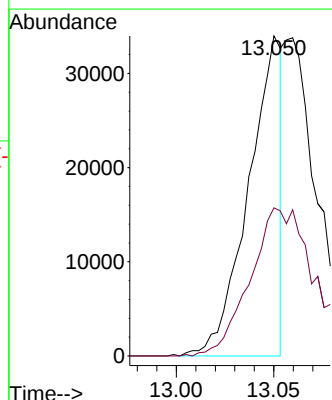
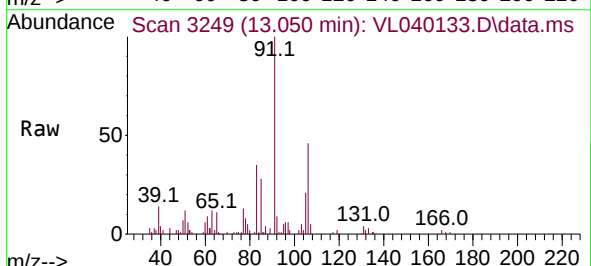
Acq: 30 Jan 2023 15:16

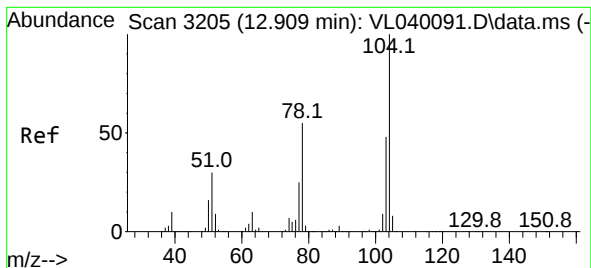
Tgt Ion: 91 Resp: 39939

Ion Ratio Lower Upper

91 100

106 89.6 21.6 64.8#





#61

Styrene

Concen: 0.338 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

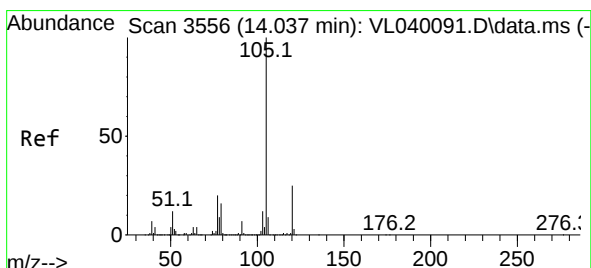
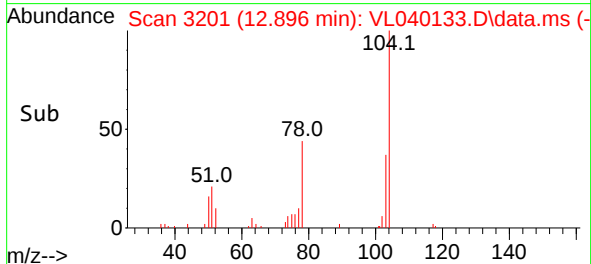
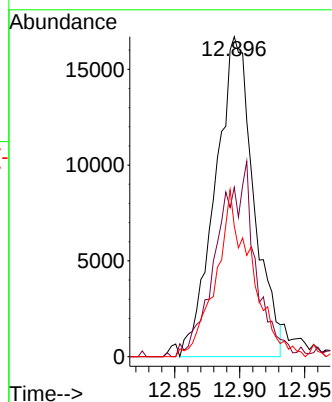
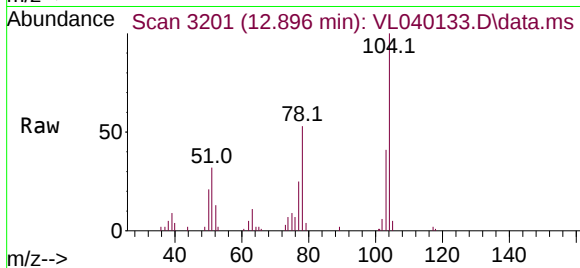
Tgt Ion:104 Resp: 34382

Ion Ratio Lower Upper

104 100

78 61.4 44.0 66.0

103 48.9 37.8 56.6



#62

Isopropylbenzene

Concen: 0.314 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. 0.000 min

Lab File: VL040133.D

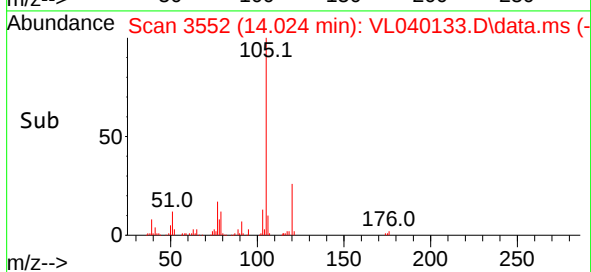
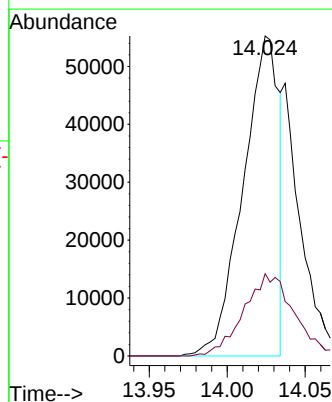
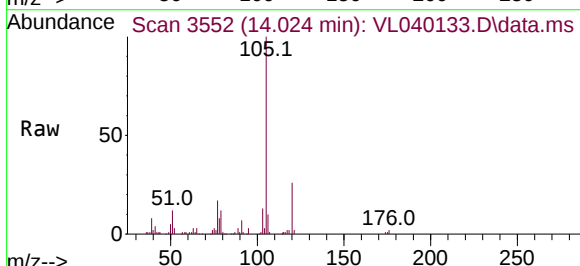
Acq: 30 Jan 2023 15:16

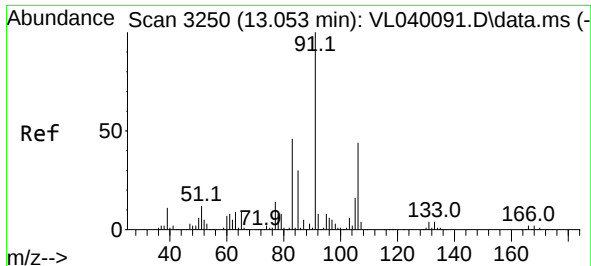
Tgt Ion:105 Resp: 88075

Ion Ratio Lower Upper

105 100

120 36.4 20.2 30.2#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.267 ppbv

RT: 13.044 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

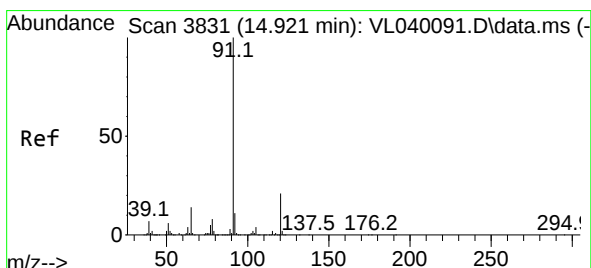
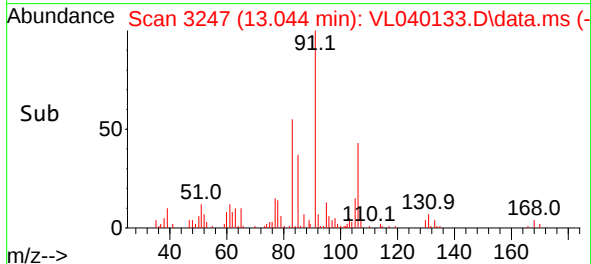
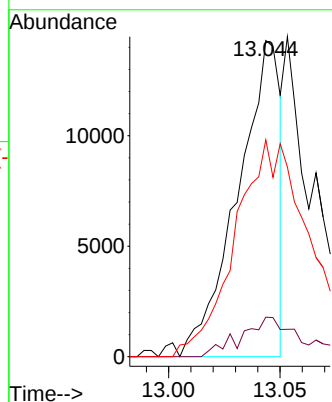
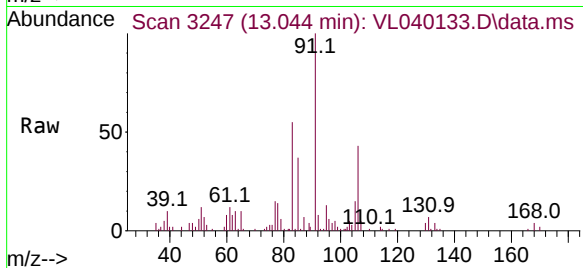
Tgt Ion: 83 Resp: 18918

Ion Ratio Lower Upper

83 100

131 18.4 4.3 13.1#

85 123.9 32.5 97.5#



#64

n-propylbenzene

Concen: 0.239 ppbv

RT: 14.915 min Scan# 3829

Delta R.T. 0.003 min

Lab File: VL040133.D

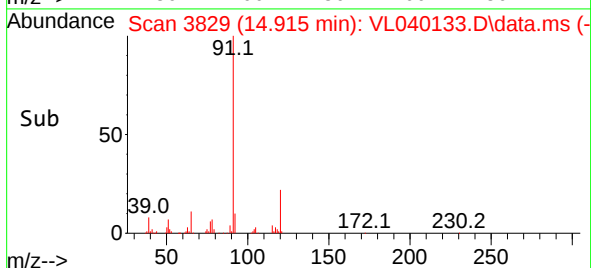
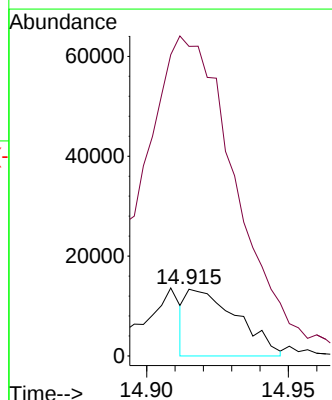
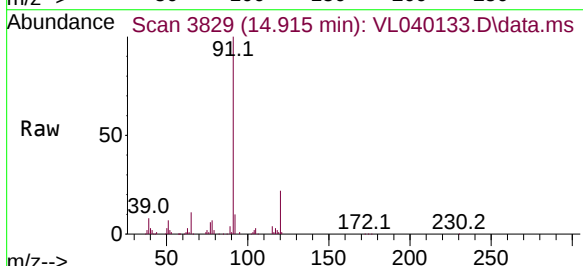
Acq: 30 Jan 2023 15:16

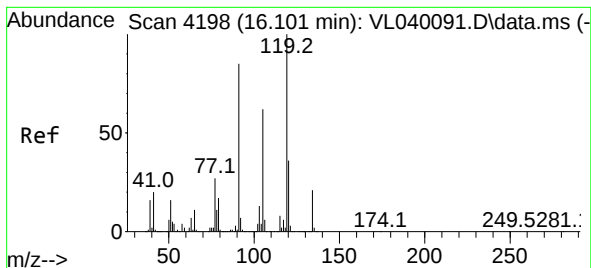
Tgt Ion:120 Resp: 16686

Ion Ratio Lower Upper

120 100

91 931.6 397.0 595.4#

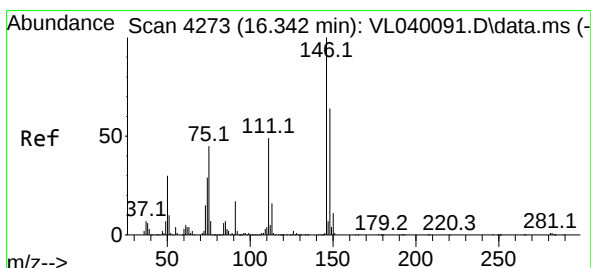
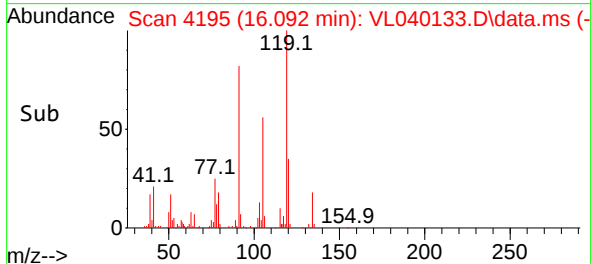
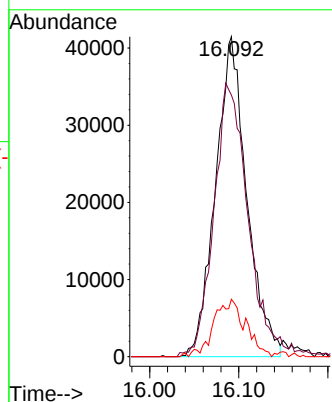
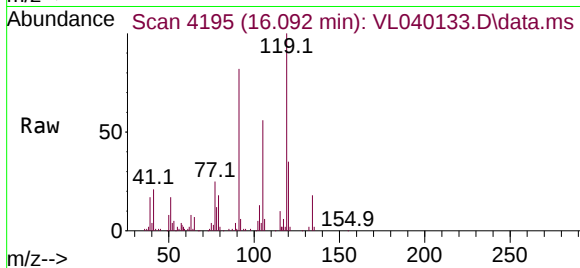




#65
tert-Butylbenzene
Concen: 0.420 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

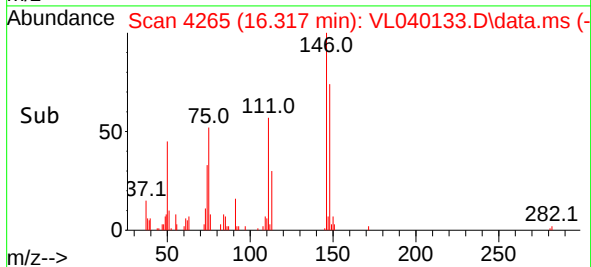
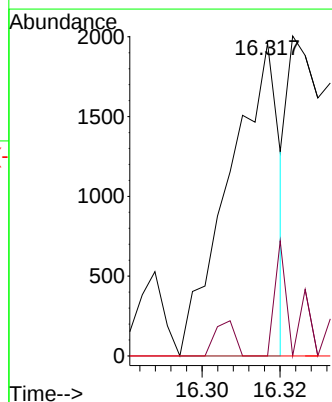
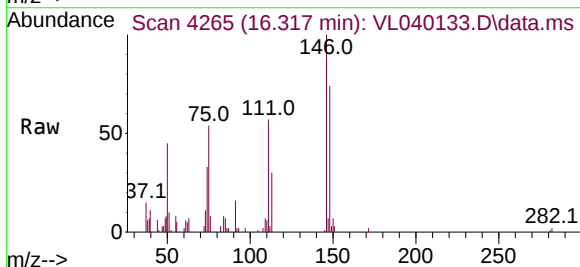
Instrument :
MSVOA_L
ClientSampleId :

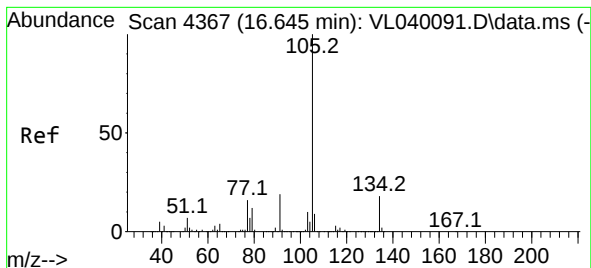
Tgt Ion:119 Resp: 101128
Ion Ratio Lower Upper
119 100
91 94.5 69.5 104.3
134 18.9 15.8 23.8



#66
Benzyl Chloride
Concen: 0.107 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.006 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 91 Resp: 1752
Ion Ratio Lower Upper
91 100
126 30.1 11.5 17.3#
128 0.0 0.0 0.0





#67

sec-Butylbenzene

Concen: 0.391 ppbv

RT: 16.642 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

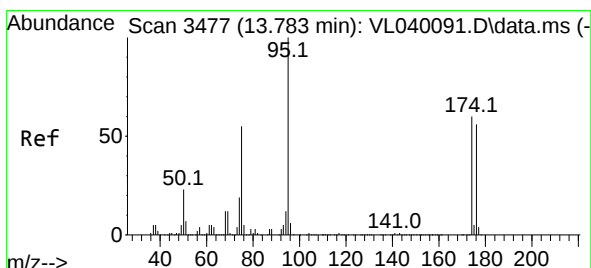
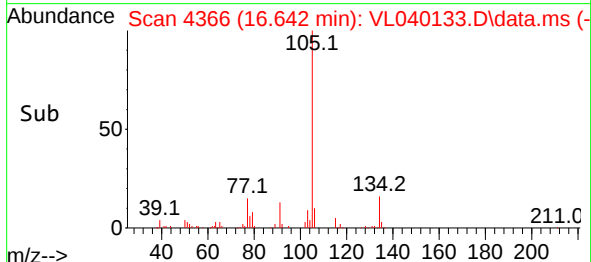
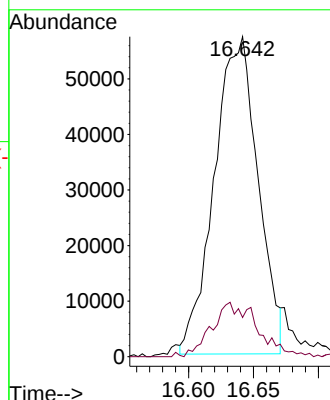
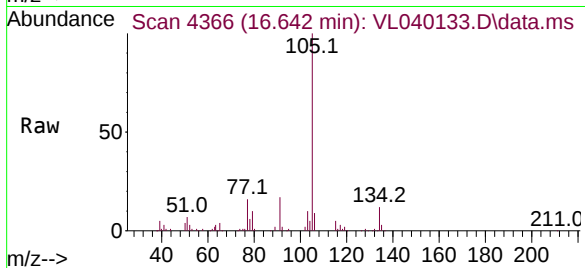
ClientSampleId :

Tgt Ion:105 Resp: 133388

Ion Ratio Lower Upper

105 100

134 18.2 14.1 21.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.816 ppbv

RT: 13.774 min Scan# 3474

Delta R.T. 0.003 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

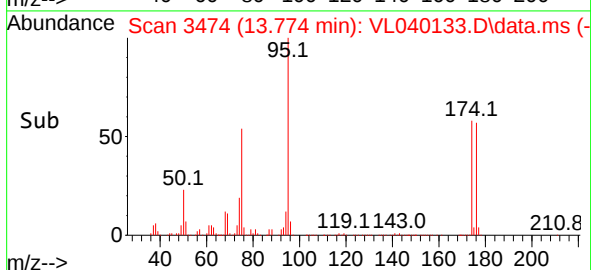
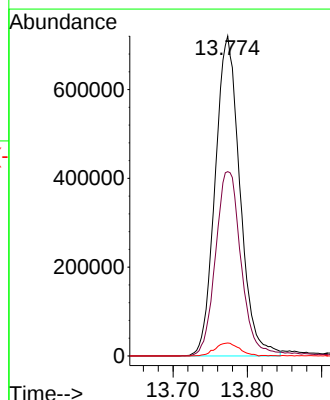
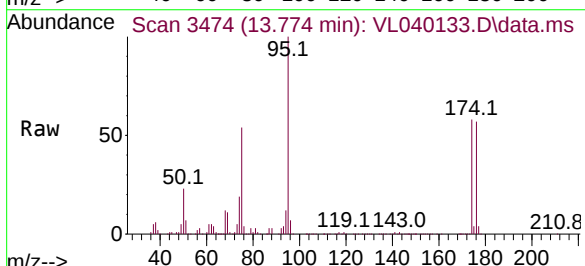
Tgt Ion: 95 Resp: 1672892

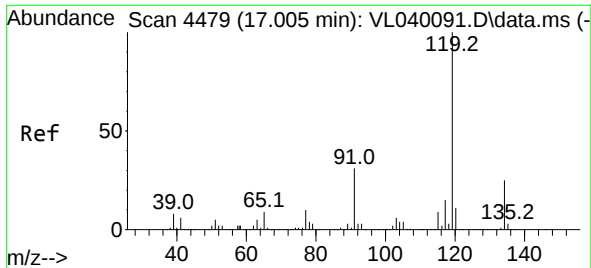
Ion Ratio Lower Upper

95 100

174 61.0 47.7 71.5

175 4.1 3.4 5.2

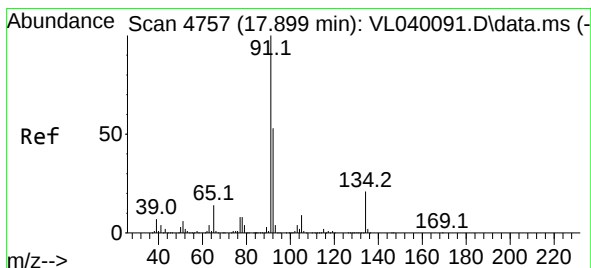
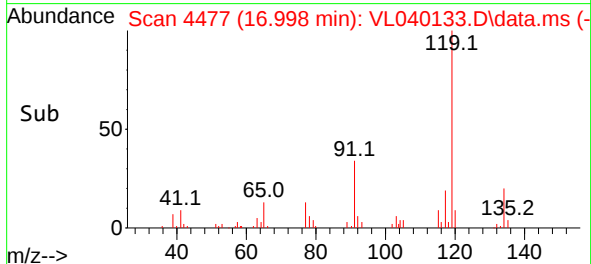
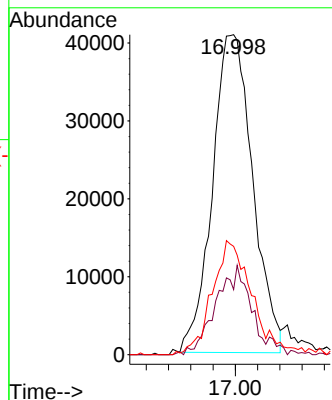
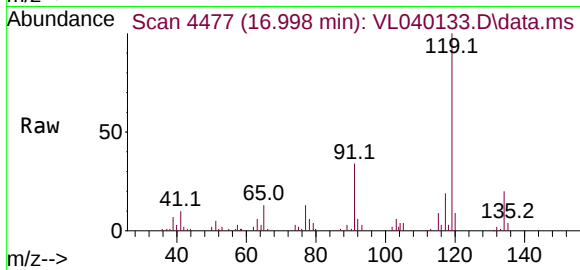




#69
p-Isopropyltoluene
Concen: 0.383 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. 0.010 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

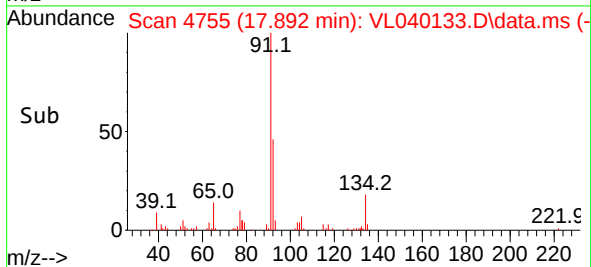
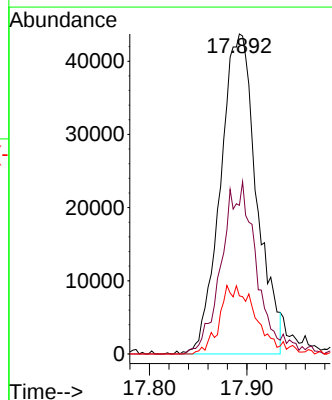
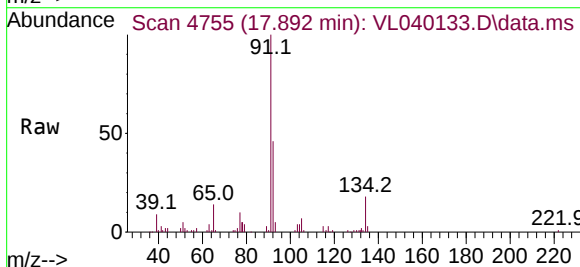
Instrument :
MSVOA_L
ClientSampleId :

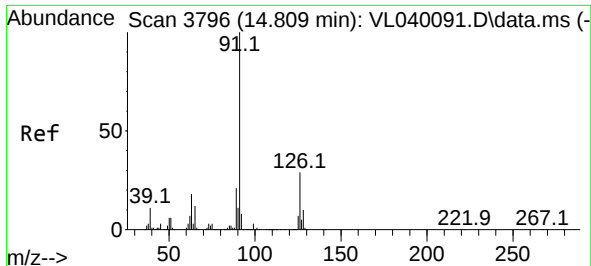
Tgt Ion:119 Resp: 102539
Ion Ratio Lower Upper
119 100
134 25.5 20.1 30.1
91 36.2 25.0 37.4



#70
n-Butylbenzene
Concen: 0.391 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.010 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 91 Resp: 113103
Ion Ratio Lower Upper
91 100
92 52.8 42.8 64.2
134 22.1 16.9 25.3

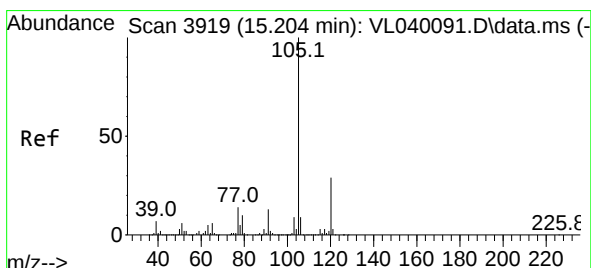
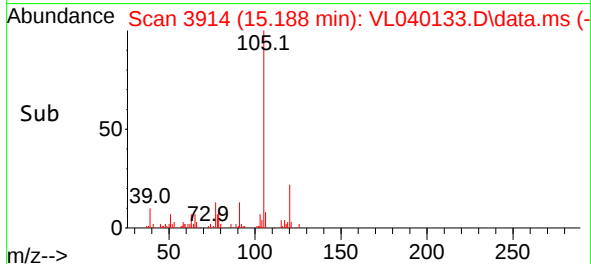
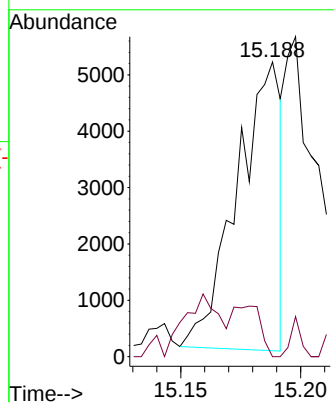
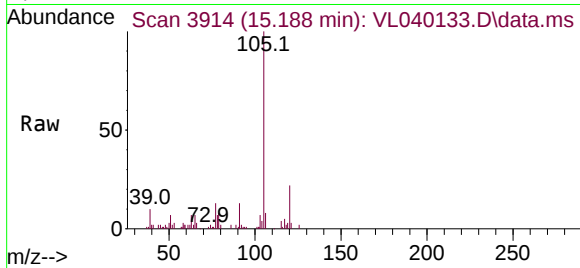




#71
2-Chlorotoluene
Concen: 0.030 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.392 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

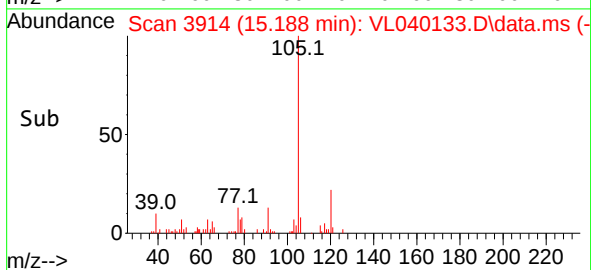
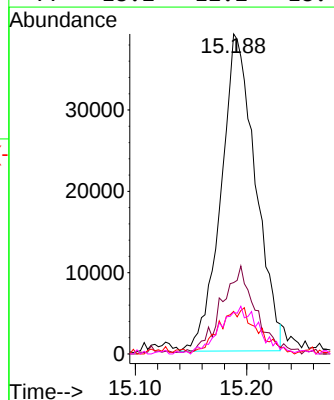
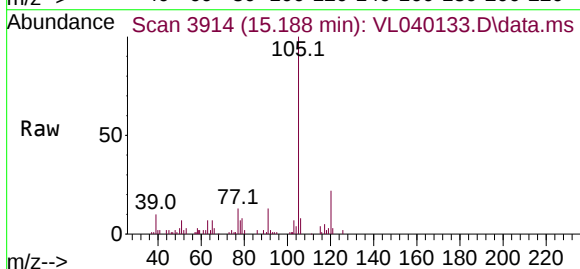
Instrument :
MSVOA_L
ClientSampleId :

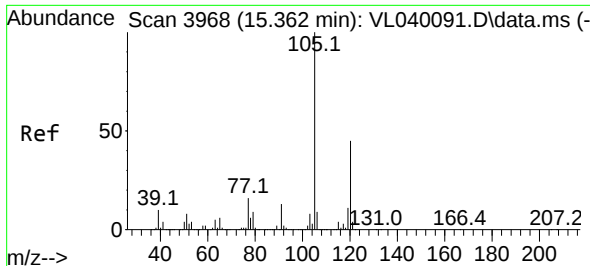
Tgt Ion: 91 Resp: 6495
Ion Ratio Lower Upper
91 100
126 34.6 11.9 47.5



#72
4-Ethyltoluene
Concen: 0.387 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 105 Resp: 83940
Ion Ratio Lower Upper
105 100
120 29.3 23.1 34.7
91 16.9 11.2 16.8#
77 18.2 12.2 18.4

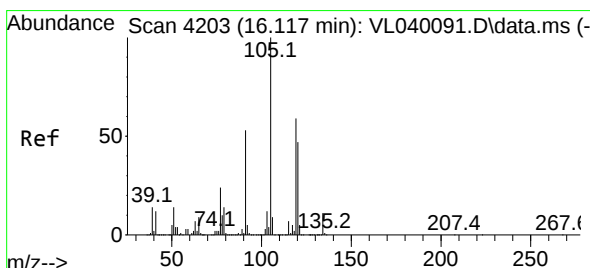
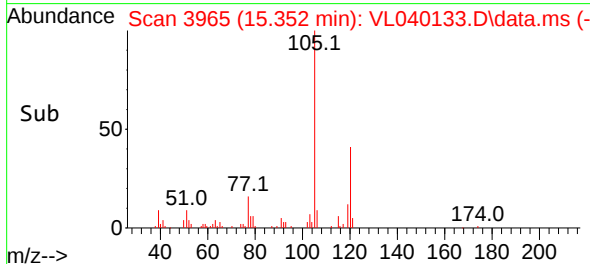
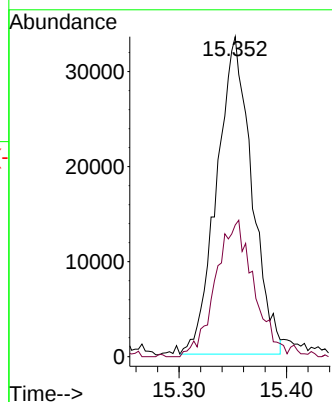
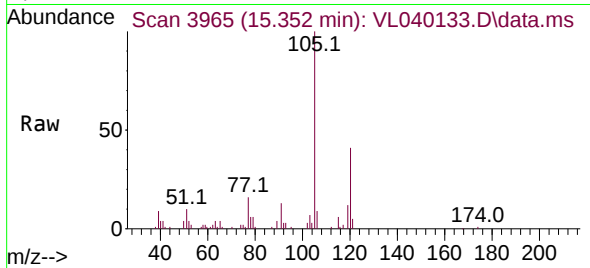




#73
1,3,5-Trimethylbenzene
Concen: 0.388 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

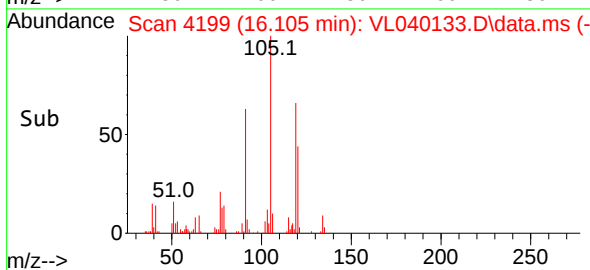
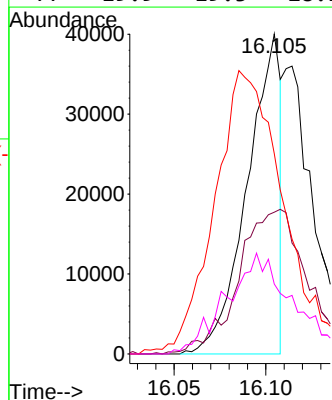
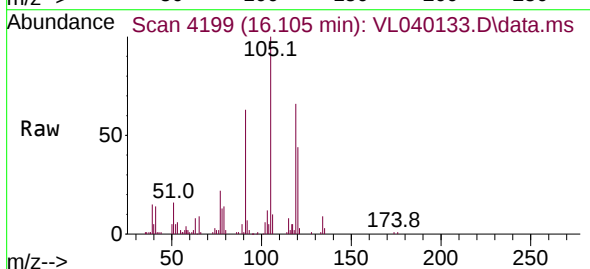
Instrument :
MSVOA_L
ClientSampleId :

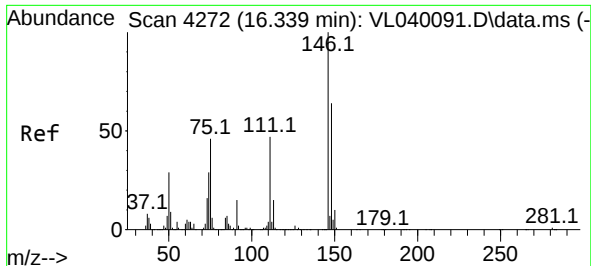
Tgt Ion:105 Resp: 75650
Ion Ratio Lower Upper
105 100
120 41.5 36.2 54.4



#74
1,2,4-Trimethylbenzene
Concen: 0.233 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion:105 Resp: 50468
Ion Ratio Lower Upper
105 100
120 43.5 38.0 57.0
91 55.6 42.1 63.1
77 19.9 19.3 28.9

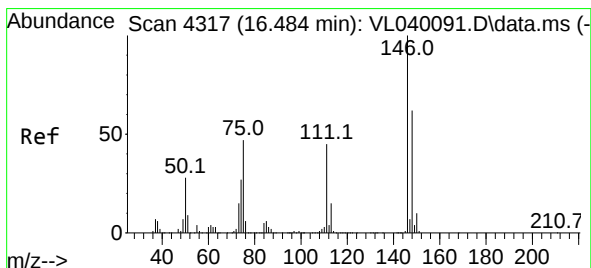
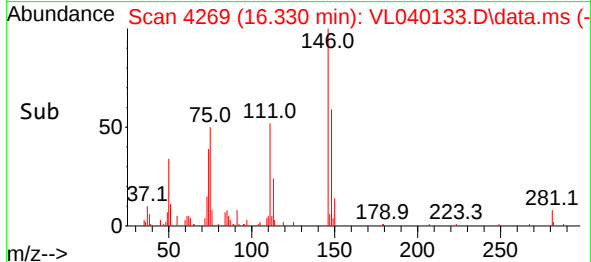
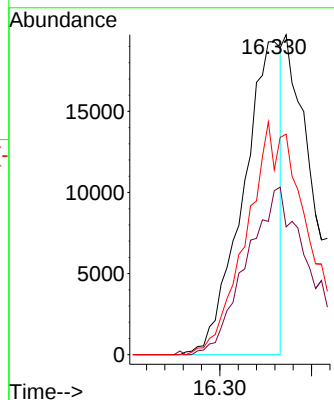
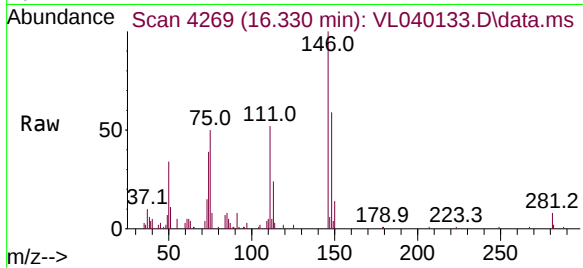




#75
1,3-Dichlorobenzene
Concen: 0.232 ppbv
RT: 16.330 min Scan# 4315
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

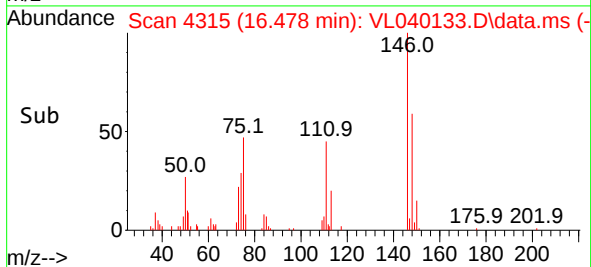
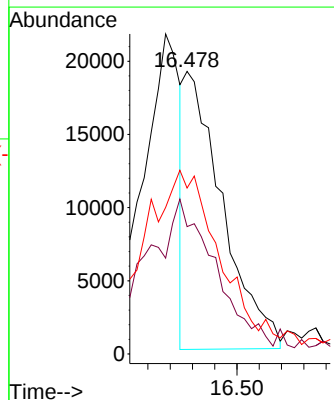
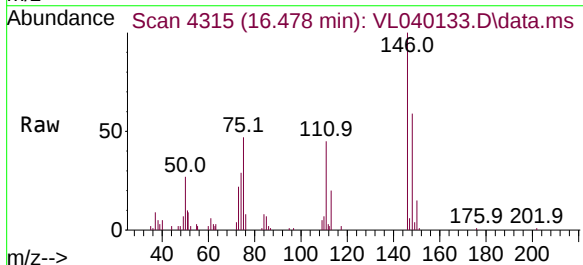
Instrument :
MSVOA_L
ClientSampleId :

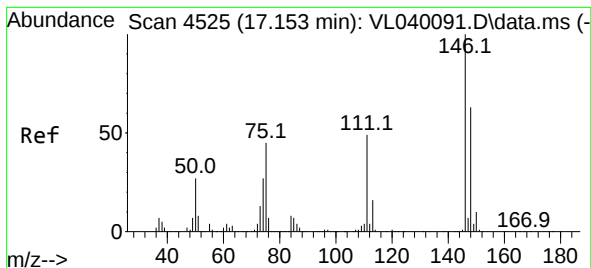
Tgt Ion:146 Resp: 27896
Ion Ratio Lower Upper
146 100
111 0.0 24.3 73.0#
148 127.1 32.3 96.8#



#76
1,4-Dichlorobenzene
Concen: 0.191 ppbv
RT: 16.478 min Scan# 4315
Delta R.T. 0.010 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion:146 Resp: 22522
Ion Ratio Lower Upper
146 100
111 114.0 23.8 71.2#
148 150.1 32.8 98.4#





#77

1,2-Dichlorobenzene

Concen: 0.255 ppbv

RT: 17.143 min Scan# 4

Delta R.T. 0.007 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

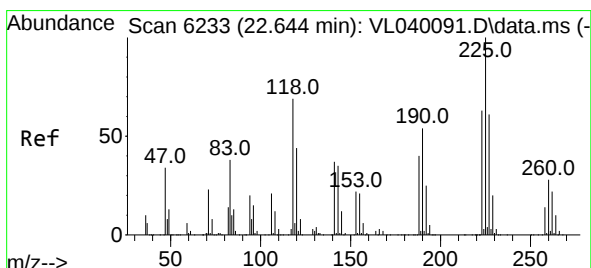
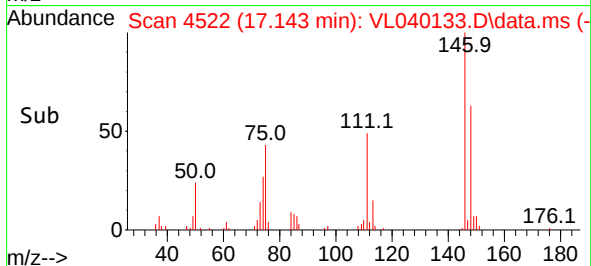
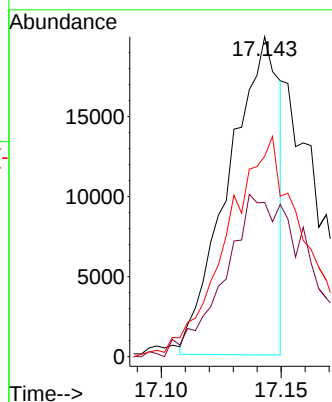
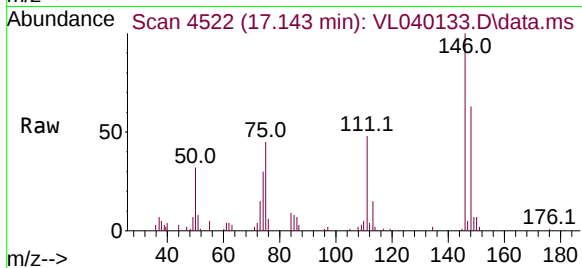
Tgt Ion:146 Resp: 29256

Ion Ratio Lower Upper

146 100

111 90.9 25.1 75.2#

148 116.4 32.4 97.0#



#78

Hexachloro-1,3-Butadiene

Concen: 0.137 ppbv

RT: 22.635 min Scan# 6230

Delta R.T. 0.003 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

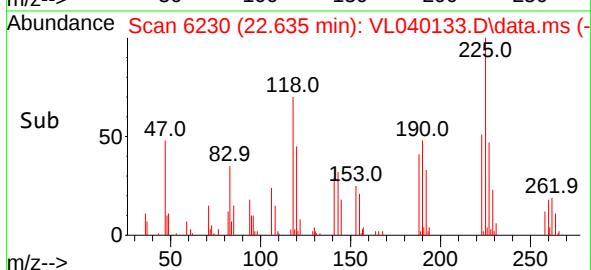
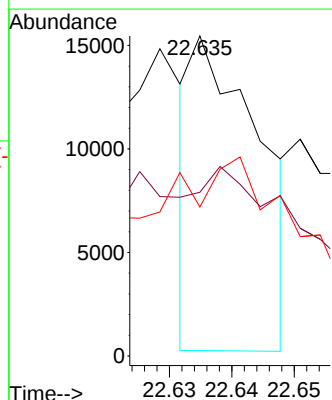
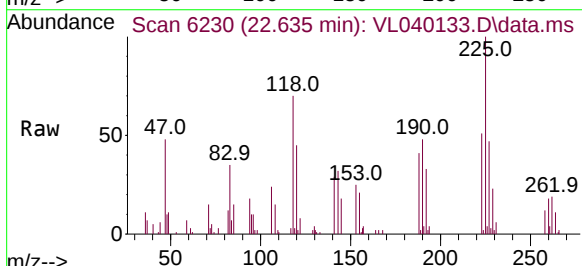
Tgt Ion:225 Resp: 11510

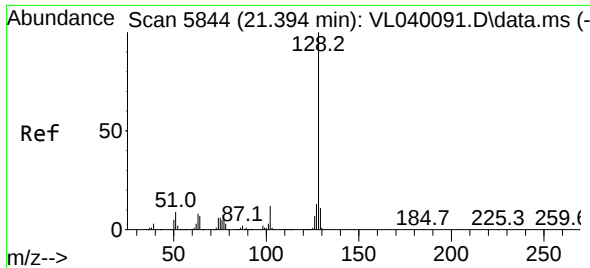
Ion Ratio Lower Upper

225 100

223 227.3 51.5 77.3#

227 225.0 50.6 76.0#

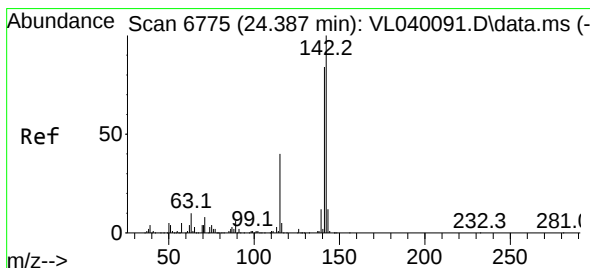
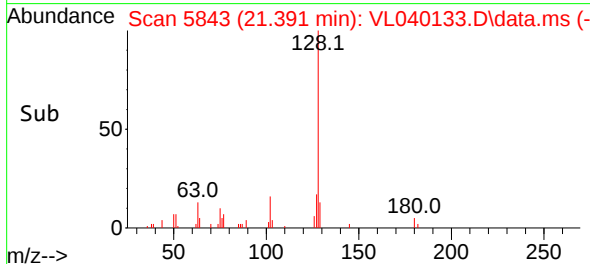
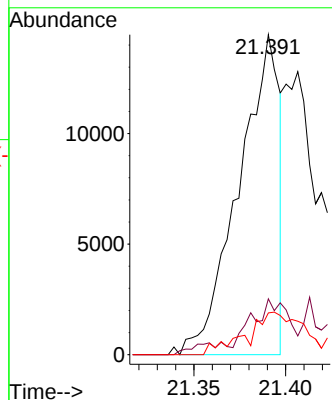
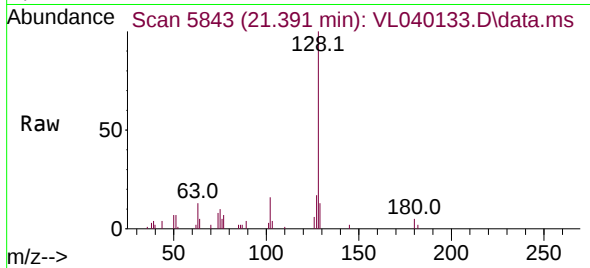




#79
Naphthalene
Concen: 0.180 ppbv
RT: 21.391 min Scan# 5843
Delta R.T. 0.013 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

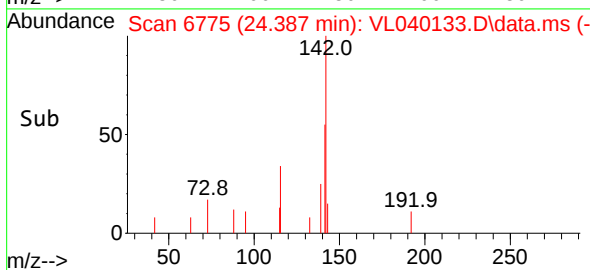
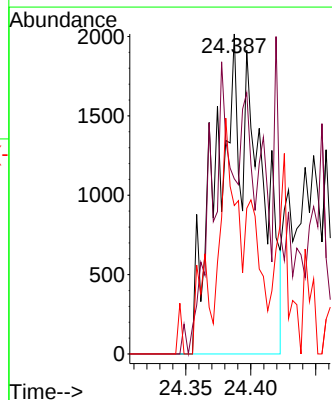
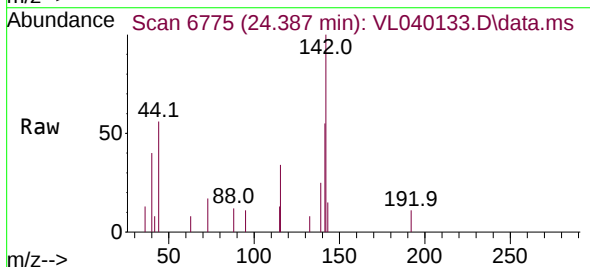
Instrument :
MSVOA_L
ClientSampleId :

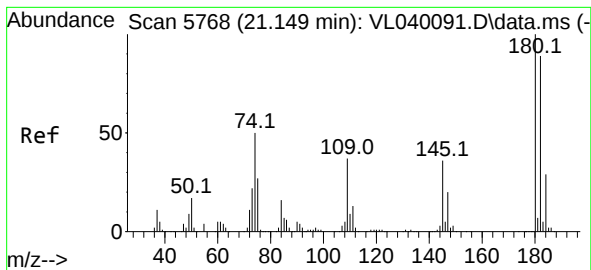
Tgt Ion:128 Resp: 22263
Ion Ratio Lower Upper
128 100
127 16.2 10.3 15.5#
129 13.1 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 0.110 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.013 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion:142 Resp: 4575
Ion Ratio Lower Upper
142 100
141 0.0 65.0 97.6#
115 54.1 31.8 47.8#





#81

1,2,4-Trichlorobenzene

Concen: 0.044 ppbv

RT: 21.143 min Scan# 51

Delta R.T. 0.010 min

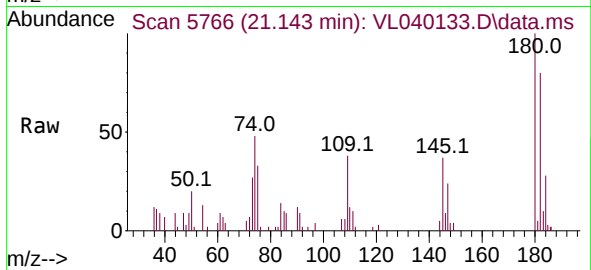
Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 3338

Ion Ratio Lower Upper

180 100

182 0.0 78.6 117.8#

184 307.8 25.1 37.7#

