

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040134.D
 Acq On : 30 Jan 2023 15:54
 Operator : SY/MD
 Sample : N4995-13 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 31 05:27:34 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	857804	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2212269	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	1987336	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1635160	9.900	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	72144	0.480	ppbv	99
3) Chlorodifluoromethane	2.658	51	43947	0.427	ppbv	98
4) Chloromethane	2.796	50	29199	0.459	ppbv	100
5) Vinyl Chloride	2.906	62	20675	0.383	ppbv	99
6) Bromomethane	3.102	94	4705	0.239	ppbv	96
7) Chloroethane	3.182	64	7686	0.373	ppbv	93
8) Dichlorotetrafluoroethane	2.838	85	59770	0.426	ppbv	97
9) Propene	2.677	41	17741	0.415	ppbv	91
10) Heptane	7.565	43	33354	0.339	ppbv	96
11) Trichlorofluoromethane	3.545	101	59313	0.395	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.050	101	42729	0.379	ppbv	93
13) Ethanol	3.237	45	398	0.101	ppbv #	1
14) Bromoethene	3.349	108	15312	0.366	ppbv #	95
15) Acetone	3.472	43	46202	0.449	ppbv	90
16) 1,3-Butadiene	2.970	39	8562	0.179	ppbv #	1
17) tert-Butyl alcohol	3.886	59	38061	0.397	ppbv	97
18) 1,1-Dichloroethene	3.864	96	9923	0.202	ppbv	98
19) Isopropyl Alcohol	3.584	45	20137	0.400	ppbv #	95
20) Methylene Chloride	3.922	84	20058	0.442	ppbv	95
21) Allyl Chloride	3.983	41	23806	0.360	ppbv	93
22) trans-1,2-Dichloroethene	4.433	96	17301	0.345	ppbv	95
23) Vinyl Acetate	4.607	43	2899	0.087	ppbv #	17
24) 1,1-Dichloroethane	4.552	63	38040	0.377	ppbv #	96
25) Ethyl Acetate	5.205	43	71272	0.393	ppbv #	97
26) Hexane	5.198	57	16429	0.207	ppbv #	1
27) Carbon Disulfide	4.115	76	27017	0.263	ppbv #	78
28) Methyl tert-Butyl Ether	4.590	73	33716	0.378	ppbv	92
29) Chloroform	5.262	83	59044	0.466	ppbv #	81
30) Cyclohexane	6.587	84	9945	0.158	ppbv #	1
31) cis-1,2-Dichloroethene	5.066	61	28801	0.375	ppbv	92
32) 1,1,1-Trichloroethane	5.996	97	51008	0.396	ppbv	98
34) 2-Butanone	4.790	43	39552	0.378	ppbv	92
35) Carbon Tetrachloride	6.487	117	50561	0.404	ppbv	95
36) Benzene	6.362	78	62229	0.380	ppbv #	92
37) 1,2-Dichloroethane	5.793	62	42616	0.405	ppbv #	96
38) Trichloroethene	7.285	130	21951	0.236	ppbv	92
39) 1,2-Dichloropropane	7.069	63	9204	0.144	ppbv	88
40) 1,4-Dioxane	7.291	88	228	0.009	ppbv #	1
41) Tetrahydrofuran	5.533	42	290	0.005	ppbv #	36
42) Bromodichloromethane	7.240	83	52421	0.369	ppbv #	95
43) Methyl Methacrylate	7.478	69	19187	0.319	ppbv #	86
44) 2,2,4-Trimethylpentane	7.314	57	57448	0.211	ppbv #	46
45) t-1,3-Dichloropropene	8.700	75	8264	0.154	ppbv	95

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

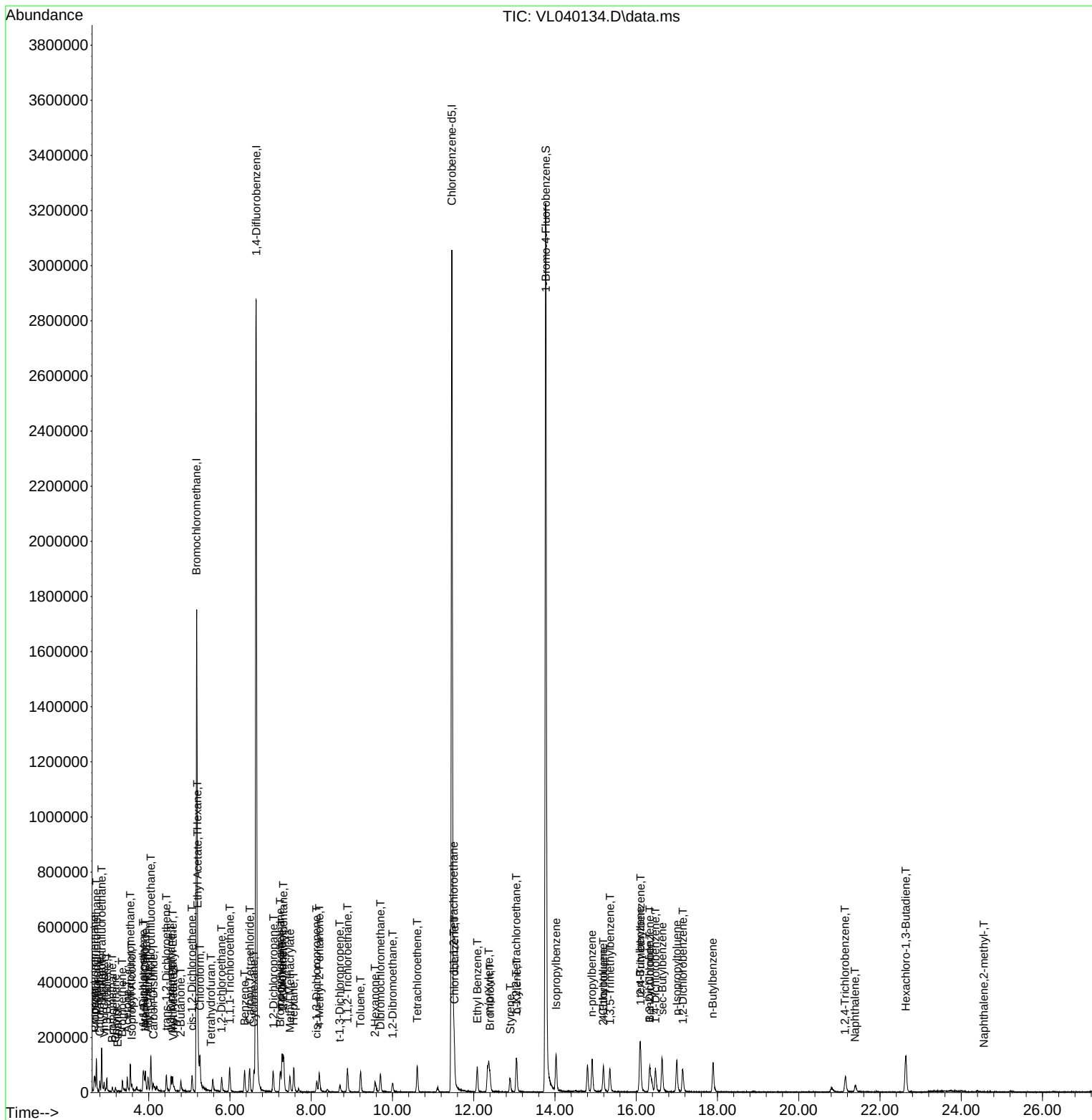
Instrument :
 MSVOA_L
 ClientSampleId :

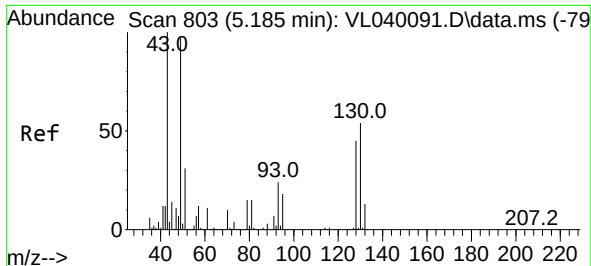
Quant Time: Jan 31 05:27:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 31 05:24:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.130	75	12520	0.171	ppbv	#	83
47) 1,1,2-Trichloroethane	8.893	97	27586	0.409	ppbv		91
48) Dibromochloromethane	9.703	129	24366	0.225	ppbv	#	51
49) Bromoform	12.404	173	26579	0.318	ppbv		98
50) 4-Methyl-2-Pentanone	8.198	43	31101	0.189	ppbv	#	48
51) 2-Hexanone	9.568	43	21496	0.172	ppbv	#	58
52) Tetrachloroethene	10.613	164	22360	0.418	ppbv	#	83
53) Toluene	9.214	91	32098	0.184	ppbv	#	33
54) 1,2-Dibromoethane	10.005	107	17931	0.254	ppbv		84
56) 1,1,1,2-Tetrachloroethane	11.510	131	13256	0.171	ppbv	#	10
57) Chlorobenzene	11.529	112	19684	0.145	ppbv		97
58) Ethyl Benzene	12.092	91	73971	0.334	ppbv	#	82
59) m/p-Xylene	12.371	91	55311	0.277	ppbv	#	33
60) o-Xylene	13.056	91	63893	0.338	ppbv		98
61) Styrene	12.899	104	24282	0.246	ppbv	#	85
62) Isopropylbenzene	14.027	105	103345	0.380	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.047	83	16510	0.240	ppbv	#	29
64) n-propylbenzene	14.912	120	15050	0.222	ppbv	#	1
65) tert-Butylbenzene	16.095	119	73456	0.315	ppbv	#	83
66) Benzyl Chloride	16.330	91	1217	0.076	ppbv	#	65
67) sec-Butylbenzene	16.641	105	65266	0.198	ppbv	#	70
69) p-Isopropyltoluene	17.002	119	84416	0.325	ppbv		94
70) n-Butylbenzene	17.886	91	41996	0.150	ppbv	#	33
71) 2-Chlorotoluene	15.185	91	4700	0.022	ppbv		71
72) 4-Ethyltoluene	15.191	105	65967	0.314	ppbv	#	91
73) 1,3,5-Trimethylbenzene	15.355	105	16386	0.087	ppbv	#	54
74) 1,2,4-Trimethylbenzene	16.111	105	33639	0.161	ppbv		96
75) 1,3-Dichlorobenzene	16.333	146	41466	0.356	ppbv		89
76) 1,4-Dichlorobenzene	16.474	146	9324	0.082	ppbv	#	1
77) 1,2-Dichlorobenzene	17.146	146	40336	0.363	ppbv		91
78) Hexachloro-1,3-Butadiene	22.635	225	10064	0.123	ppbv	#	1
79) Naphthalene	21.381	128	8184	0.068	ppbv	#	89
80) Naphthalene,2-methyl-	24.557	142	922	0.023	ppbv		89
81) 1,2,4-Trichlorobenzene	21.140	180	9517	0.129	ppbv	#	11

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

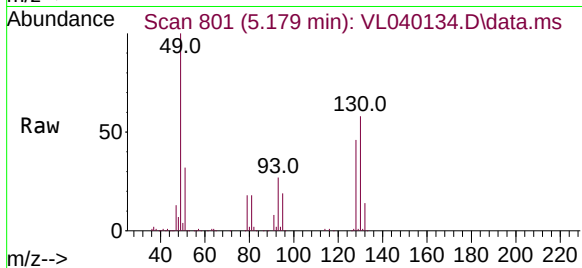
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
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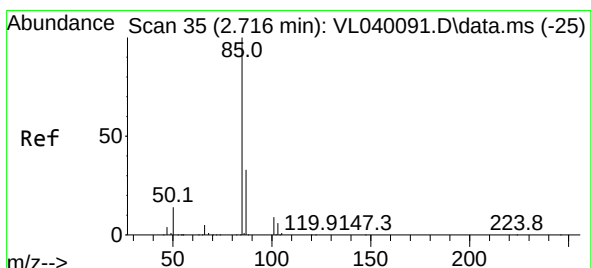
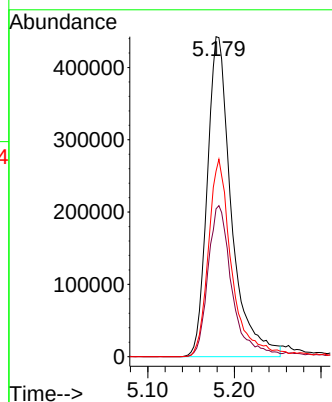
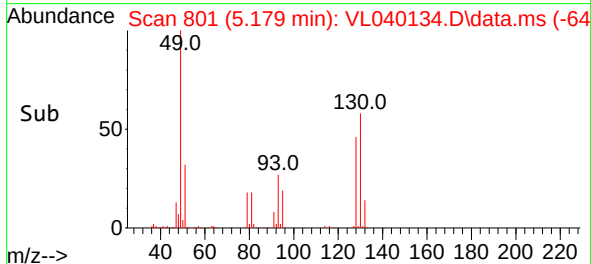


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Instrument :
MSVOA_L
ClientSampleId :

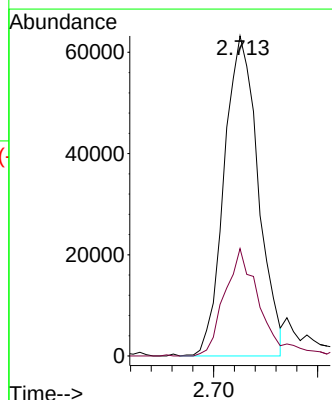
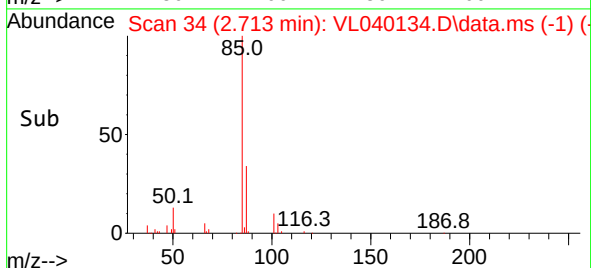
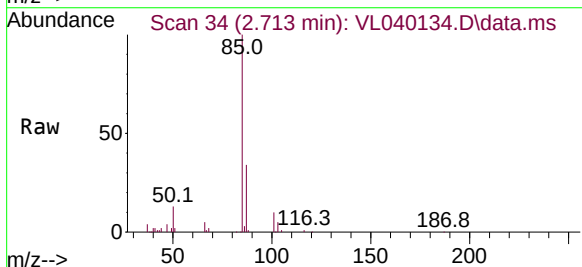


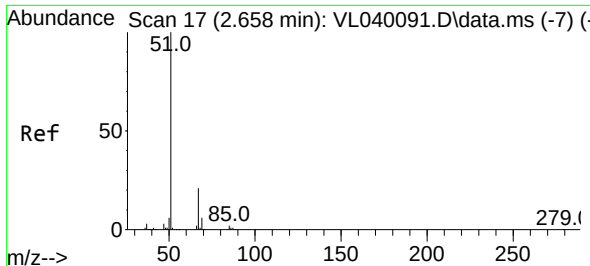
Tgt Ion: 49 Resp: 857804
Ion Ratio Lower Upper
49 100
128 48.6 23.6 71.0
130 61.1 29.8 89.3



#2
Dichlorodifluoromethane
Concen: 0.480 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.000 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 85 Resp: 72144
Ion Ratio Lower Upper
85 100
87 33.5 26.5 39.7

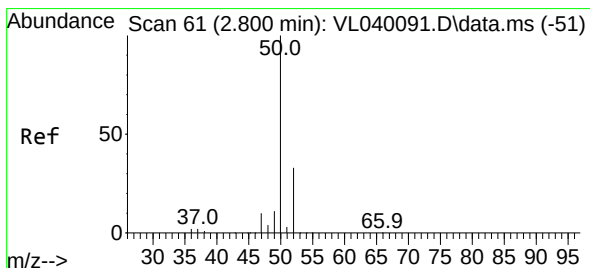
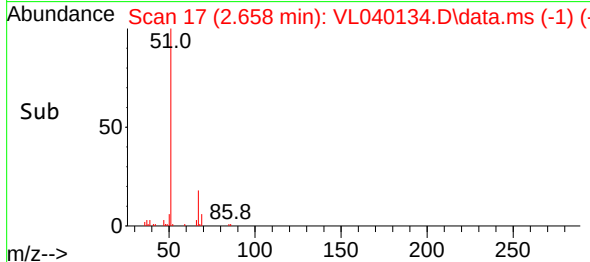
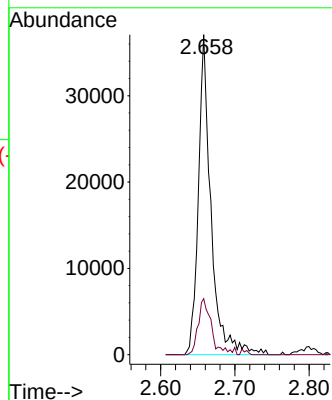
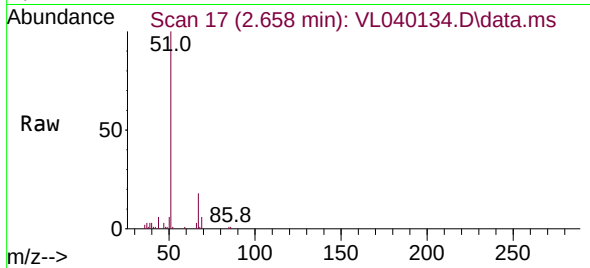




#3
Chlorodifluoromethane
Concen: 0.427 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

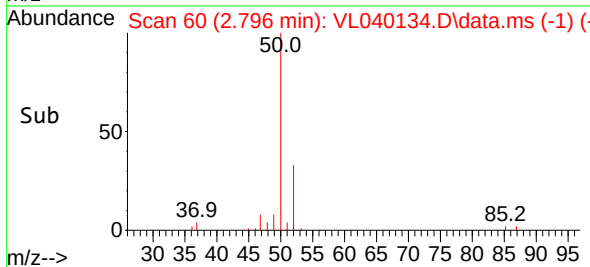
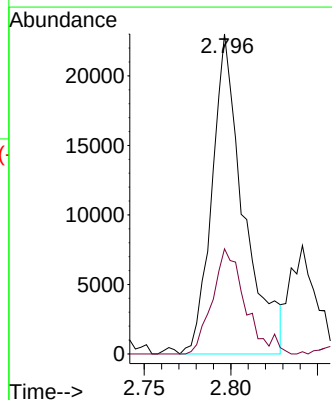
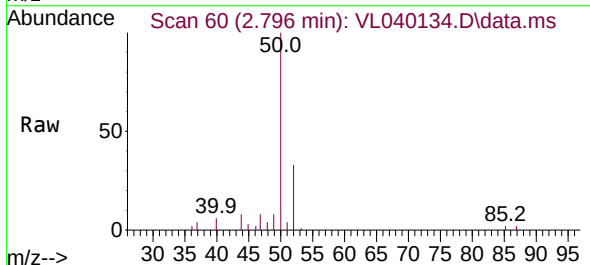
Instrument :
MSVOA_L
ClientSampleId :

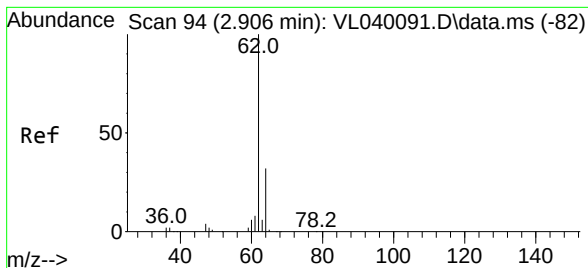
Tgt Ion: 51 Resp: 43947
Ion Ratio Lower Upper
51 100
67 19.5 16.4 24.6



#4
Chloromethane
Concen: 0.459 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 50 Resp: 29199
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

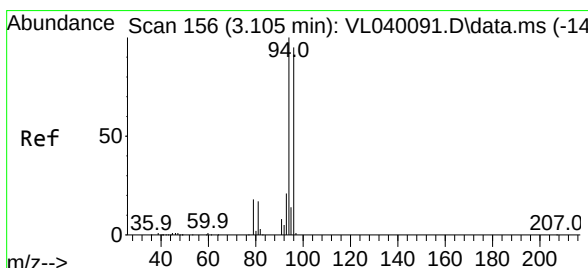
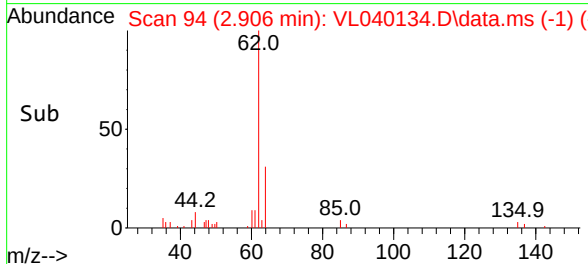
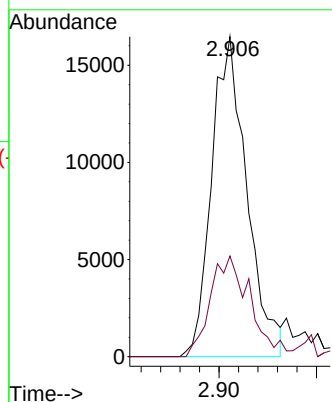
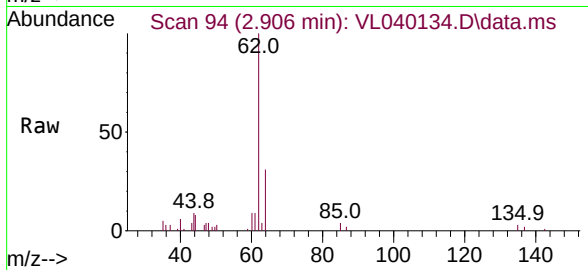




#5
 Vinyl Chloride
 Concen: 0.383 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.003 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

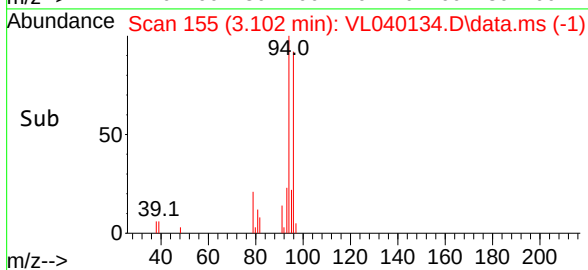
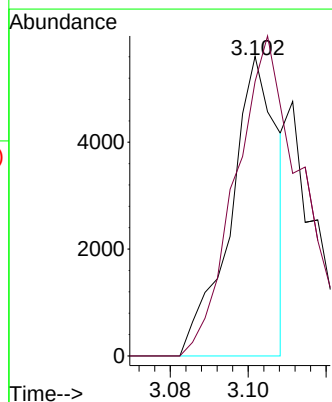
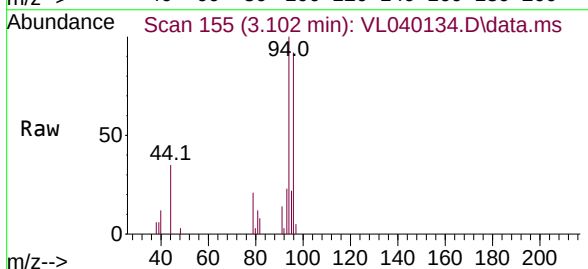
Instrument :
 MSVOA_L
 ClientSampleId :

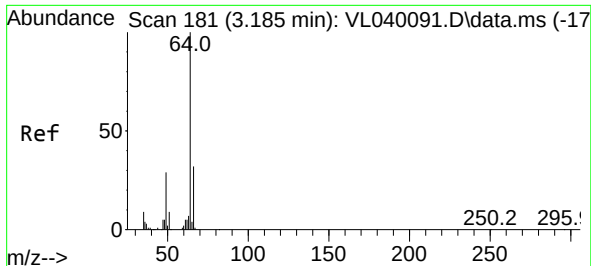
Tgt Ion: 62 Resp: 20675
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.8 38.6



#6
 Bromomethane
 Concen: 0.239 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.000 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

Tgt Ion: 94 Resp: 4705
 Ion Ratio Lower Upper
 94 100
 96 91.6 76.2 114.2

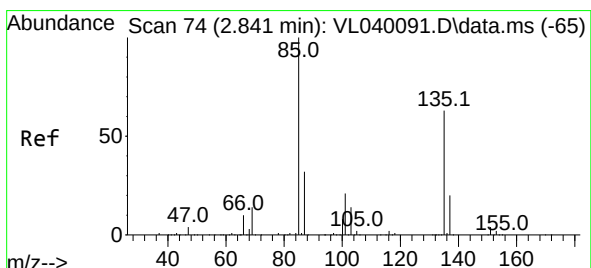
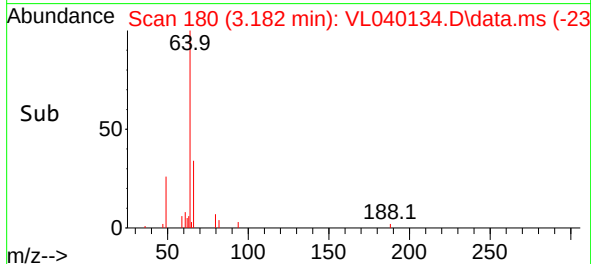
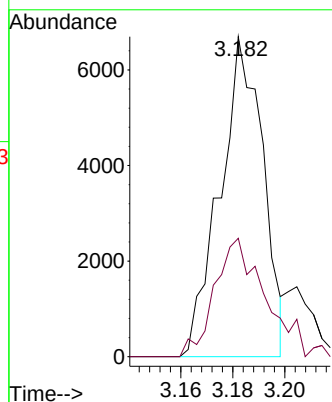
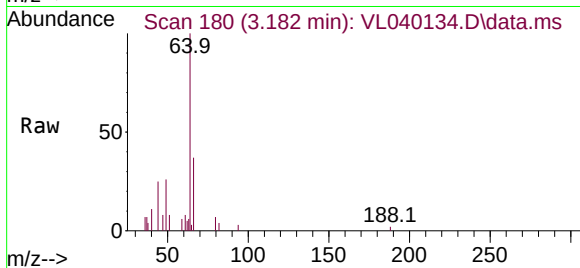




#7
Chloroethane
Concen: 0.373 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

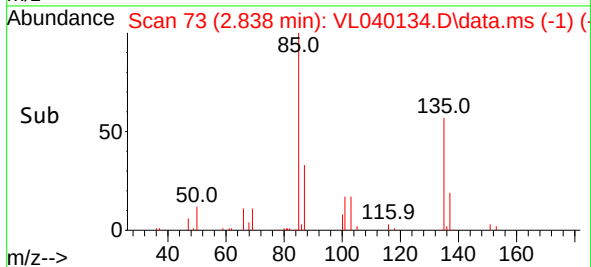
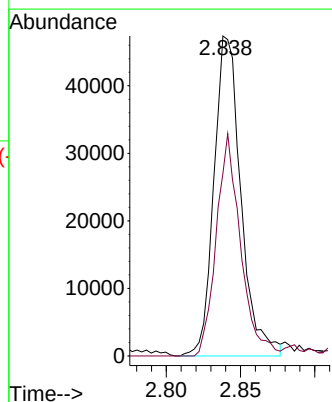
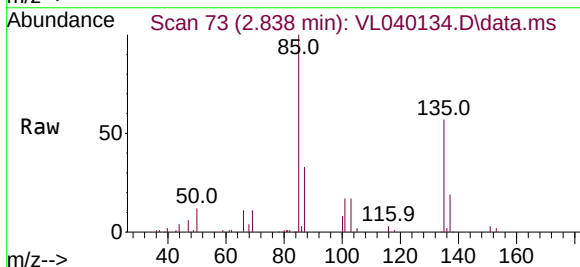
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 7686
Ion Ratio Lower Upper
64 100
66 35.9 25.6 38.4

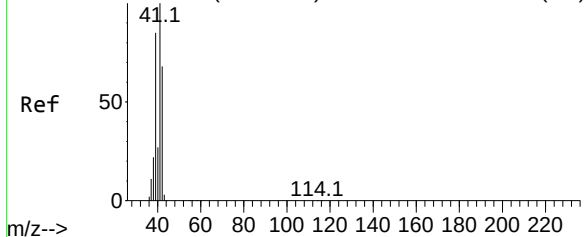


#8
Dichlorotetrafluoroethane
Concen: 0.426 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.000 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 85 Resp: 59770
Ion Ratio Lower Upper
85 100
135 66.6 51.4 77.2



Abundance Scan 23 (2.677 min): VL040091.D\data.ms (-15)



#9

Propene

Concen: 0.415 ppbv

RT: 2.677 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

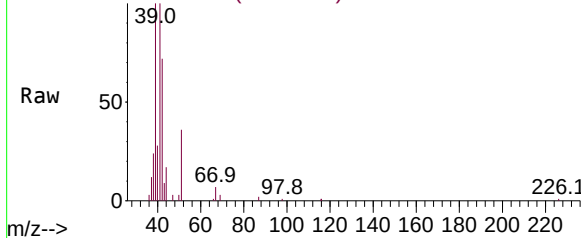
Tgt Ion: 41 Resp: 17741

Ion Ratio Lower Upper

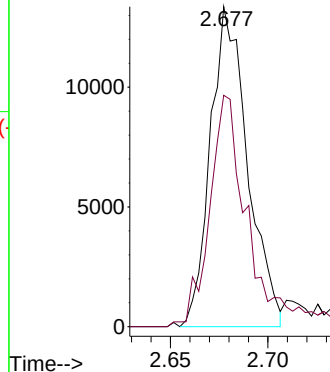
41 100

42 76.5 55.6 83.4

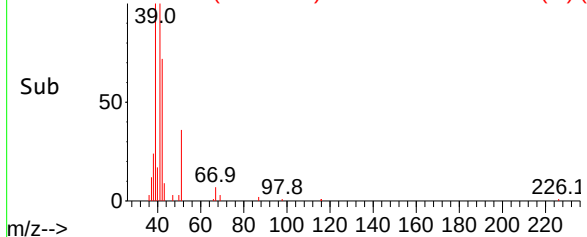
Abundance Scan 23 (2.677 min): VL040134.D\data.ms



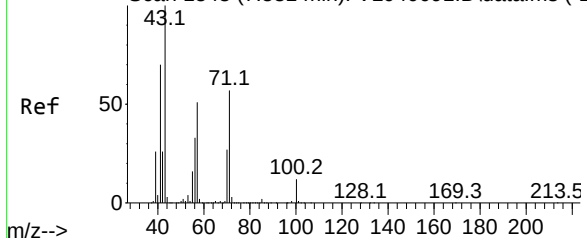
Abundance



Abundance Scan 23 (2.677 min): VL040134.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL040091.D\data.ms (-1)



#10

Heptane

Concen: 0.339 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. -0.003 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

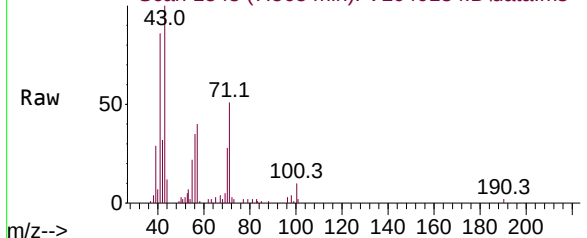
Tgt Ion: 43 Resp: 33354

Ion Ratio Lower Upper

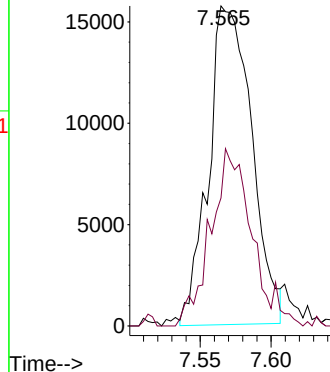
43 100

57 53.6 40.9 61.3

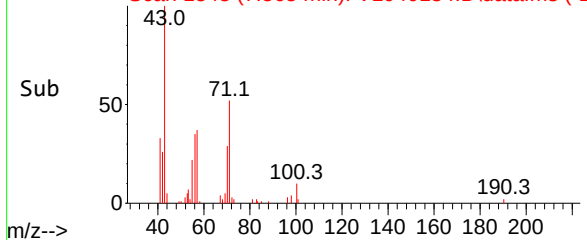
Abundance Scan 1543 (7.565 min): VL040134.D\data.ms

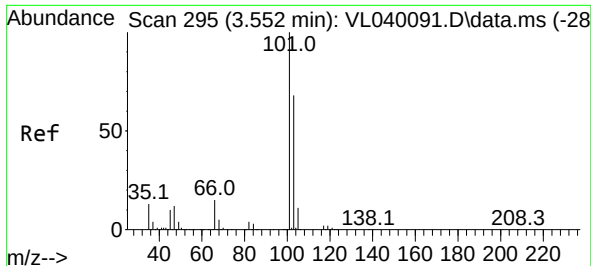


Abundance



Abundance Scan 1543 (7.565 min): VL040134.D\data.ms (-1)

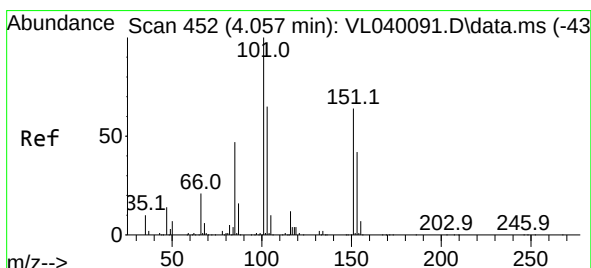
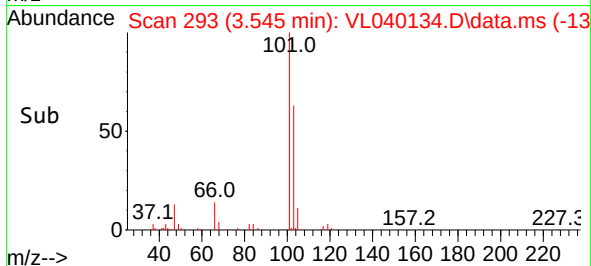
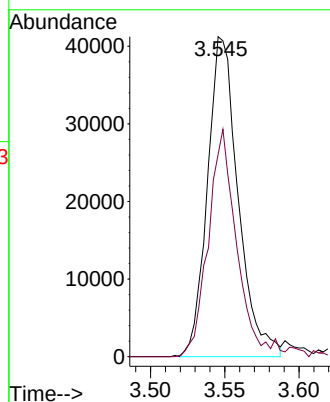
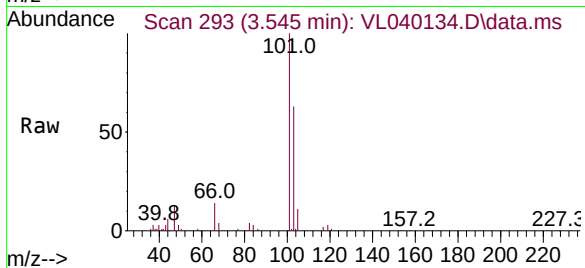




#11
 Trichlorofluoromethane
 Concen: 0.395 ppbv
 RT: 3.545 min Scan# 295
 Delta R.T. -0.000 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

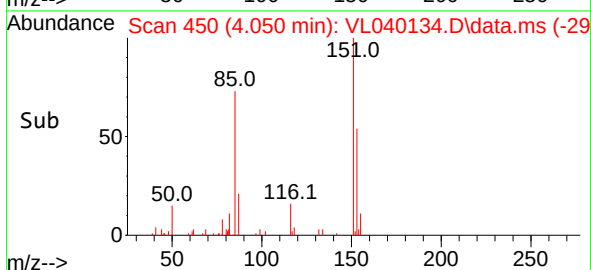
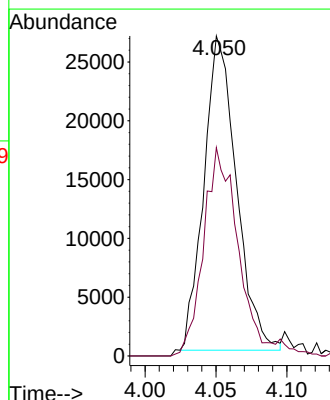
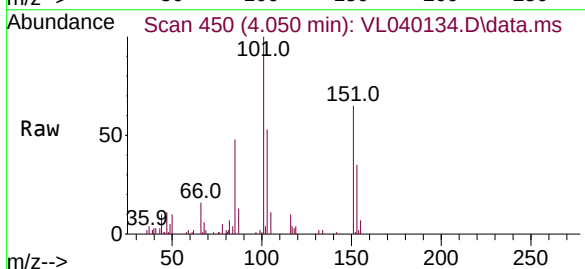
Instrument :
 MSVOA_L
 ClientSampleId :

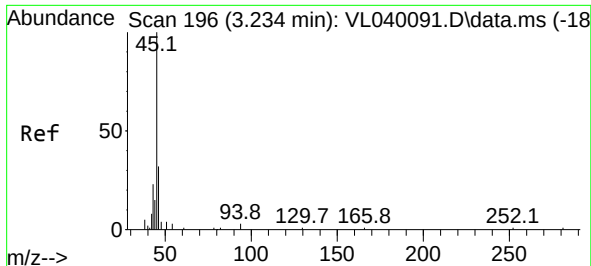
Tgt Ion:101 Resp: 59313
 Ion Ratio Lower Upper
 101 100
 103 62.9 54.0 81.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.379 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. 0.003 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

Tgt Ion:101 Resp: 42729
 Ion Ratio Lower Upper
 101 100
 151 71.9 53.2 79.8

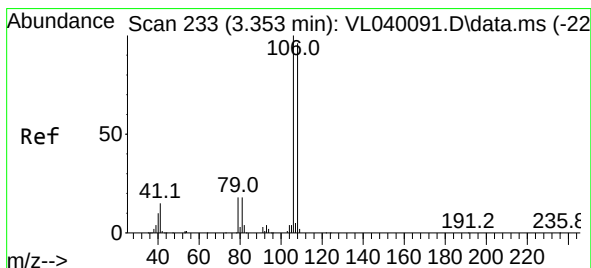
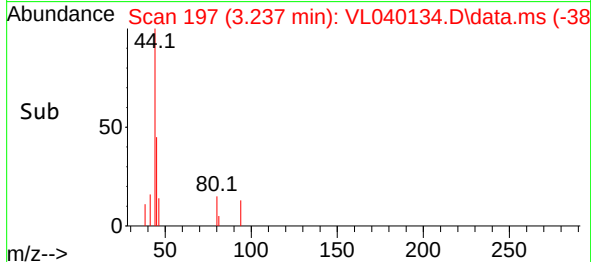
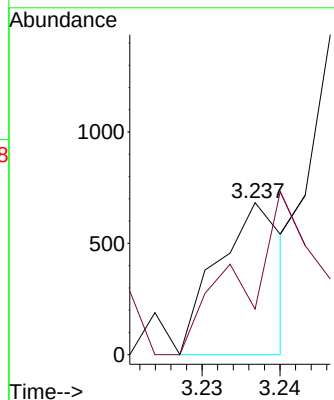
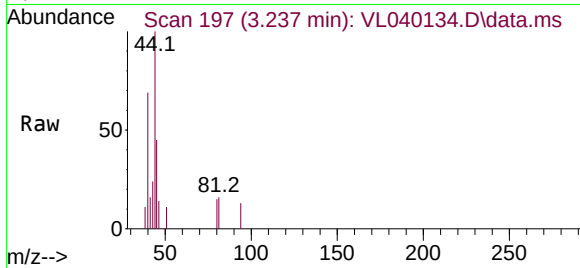




#13
 Ethanol
 Concen: 0.101 ppbv
 RT: 3.237 min Scan# 196
 Delta R.T. 0.010 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

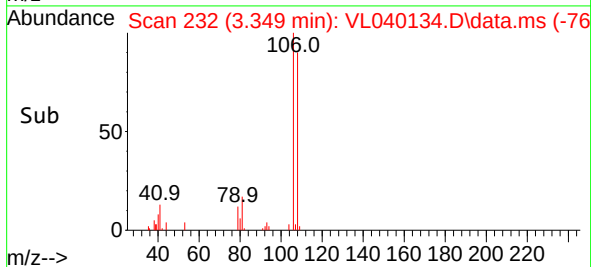
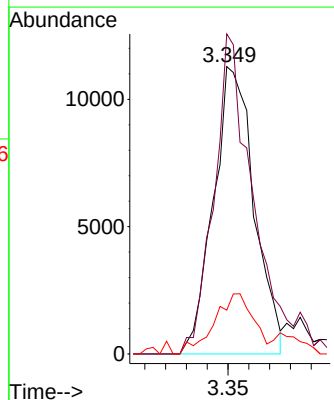
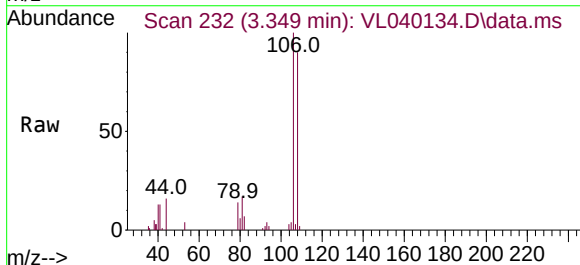
Instrument :
 MSVOA_L
 ClientSampleId :

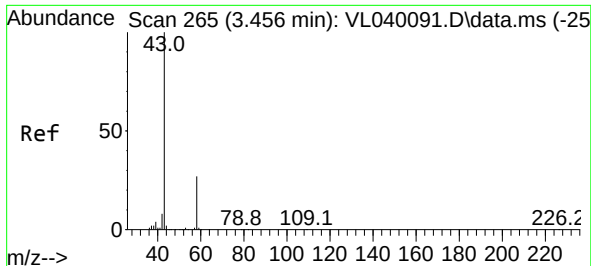
Tgt Ion: 45 Resp: 398
 Ion Ratio Lower Upper
 45 100
 46 217.8 14.8 59.2#



#14
 Bromoethene
 Concen: 0.366 ppbv
 RT: 3.349 min Scan# 232
 Delta R.T. -0.000 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

Tgt Ion: 108 Resp: 15312
 Ion Ratio Lower Upper
 108 100
 106 112.0 87.0 130.6
 79 26.3 16.1 24.1#

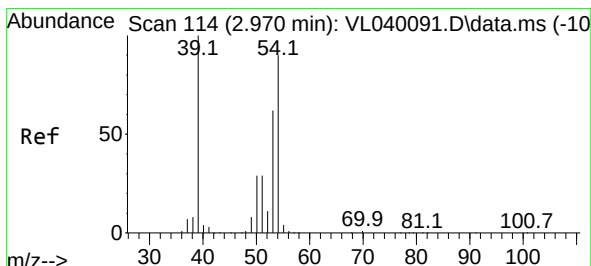
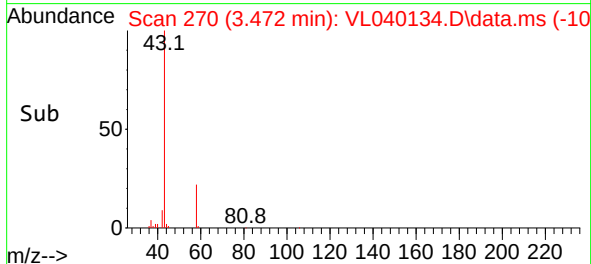
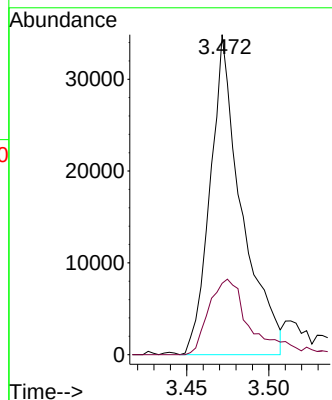
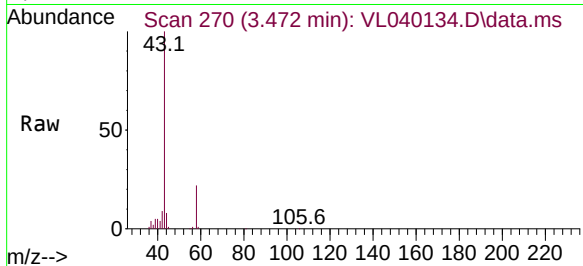




#15
Acetone
Concen: 0.449 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

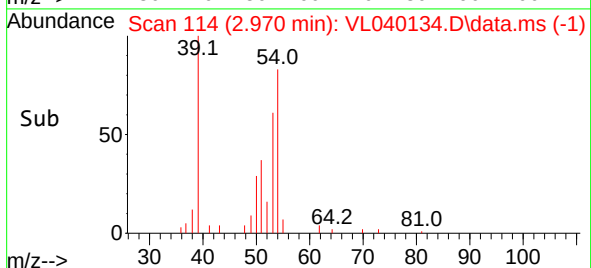
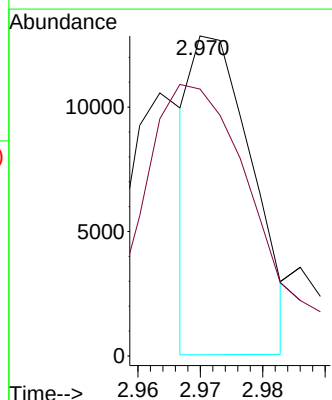
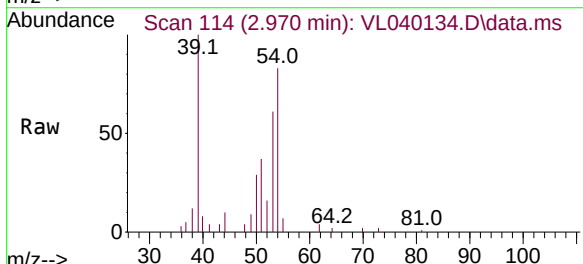
Instrument :
MSVOA_L
ClientSampleId :

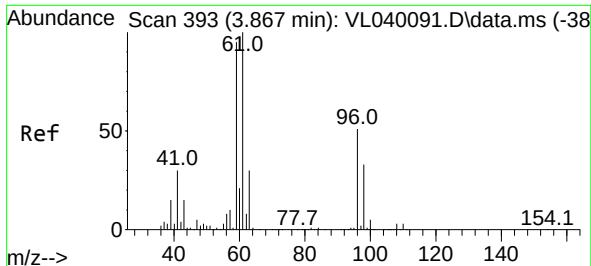
Tgt Ion: 43 Resp: 46202
Ion Ratio Lower Upper
43 100
58 32.6 21.8 32.8



#16
1,3-Butadiene
Concen: 0.179 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 39 Resp: 8562
Ion Ratio Lower Upper
39 100
54 179.6 67.9 101.9#





#17

tert-Butyl alcohol

Concen: 0.397 ppbv

RT: 3.886 min Scan# 391

Delta R.T. 0.026 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

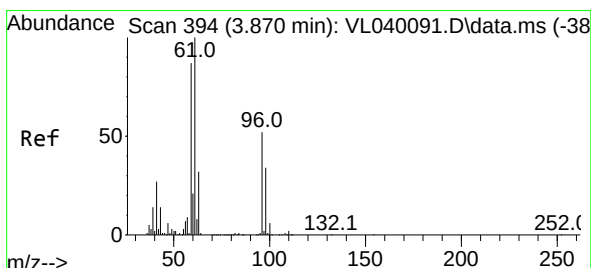
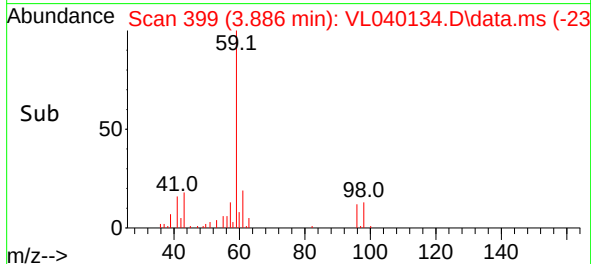
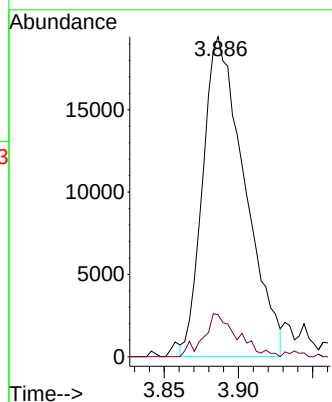
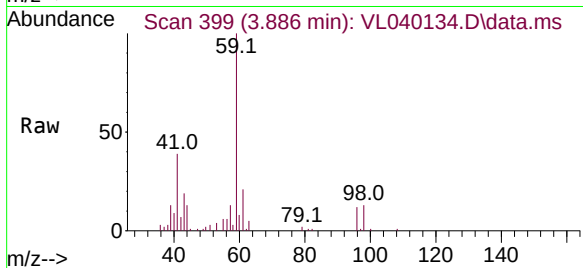
ClientSampleId :

Tgt Ion: 59 Resp: 38061

Ion Ratio Lower Upper

59 100

57 11.6 8.5 12.7



#18

1,1-Dichloroethene

Concen: 0.202 ppbv

RT: 3.864 min Scan# 392

Delta R.T. 0.000 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

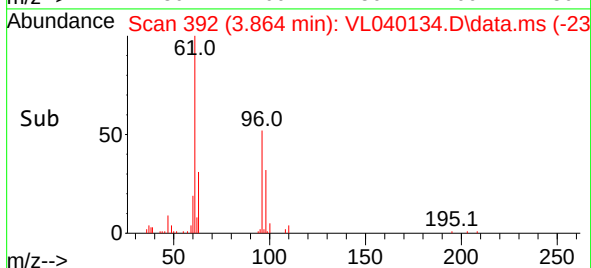
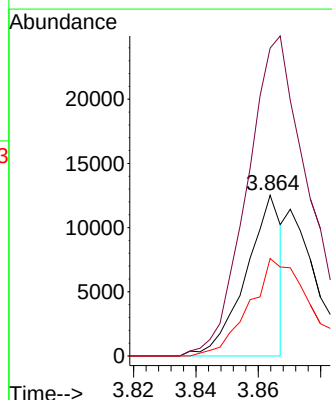
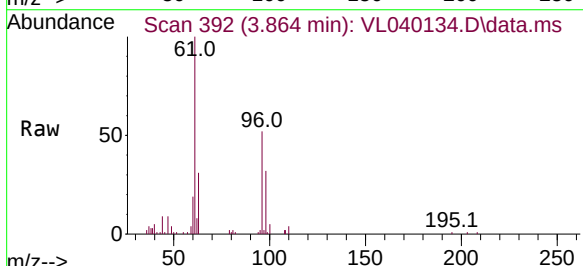
Tgt Ion: 96 Resp: 9923

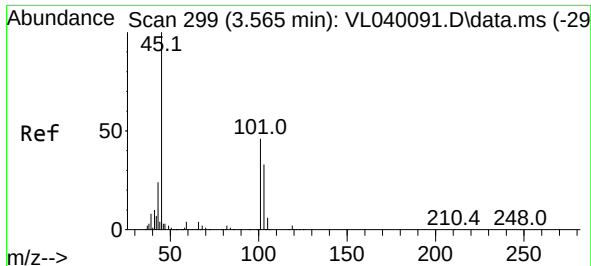
Ion Ratio Lower Upper

96 100

61 191.6 153.0 229.4

98 60.6 52.7 79.1





#19

Isopropyl Alcohol

Concen: 0.400 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.026 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

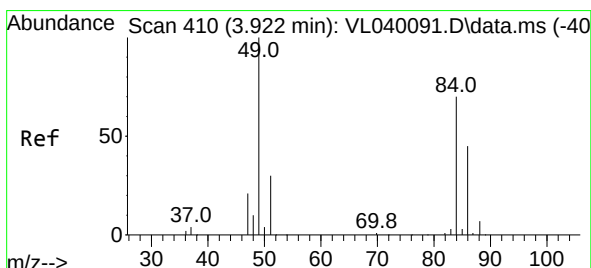
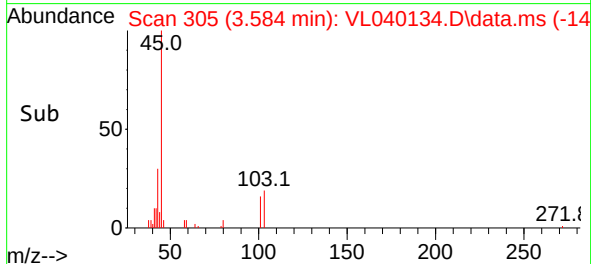
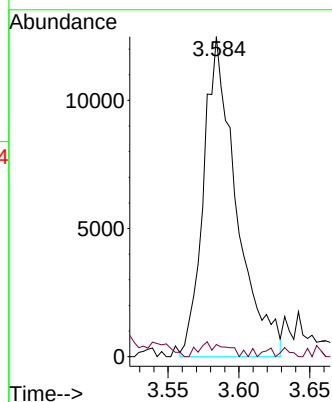
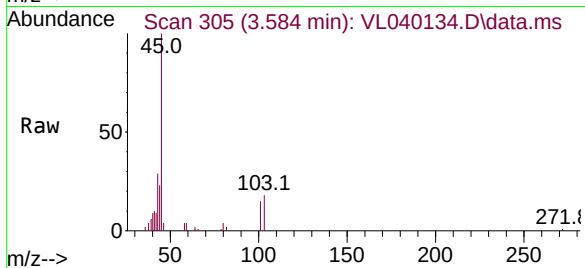
ClientSampleId :

Tgt Ion: 45 Resp: 20137

Ion Ratio Lower Upper

45 100

58 4.8 2.6 4.0#



#20

Methylene Chloride

Concen: 0.442 ppbv

RT: 3.922 min Scan# 410

Delta R.T. 0.006 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Tgt Ion: 84 Resp: 20058

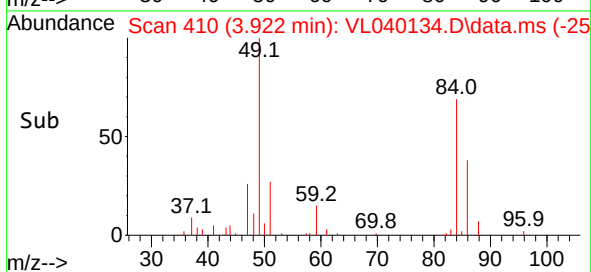
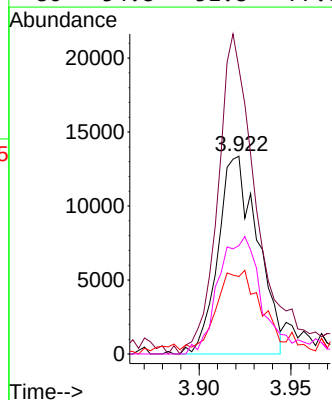
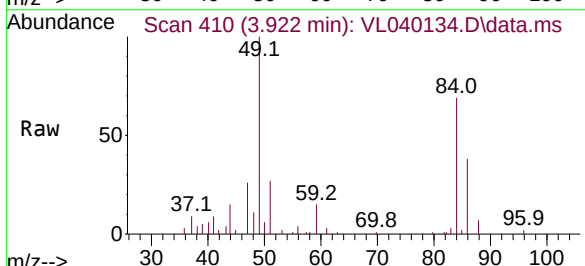
Ion Ratio Lower Upper

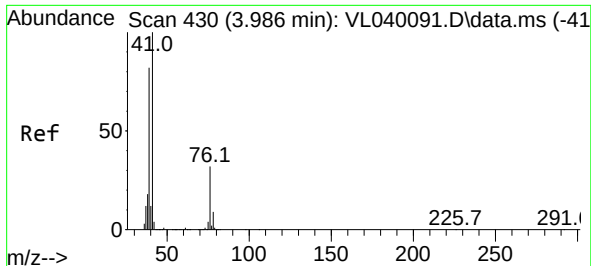
84 100

49 144.4 114.6 171.8

51 36.9 34.3 51.5

86 54.8 51.8 77.8

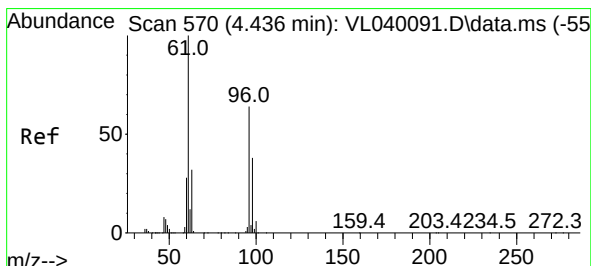
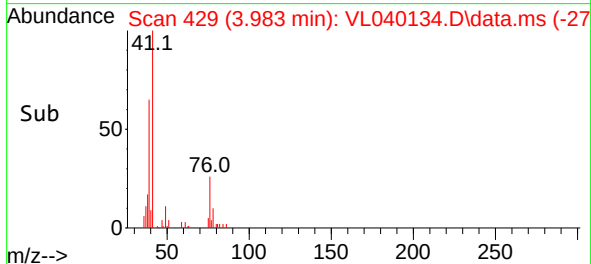
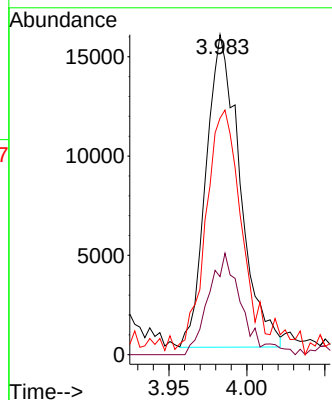
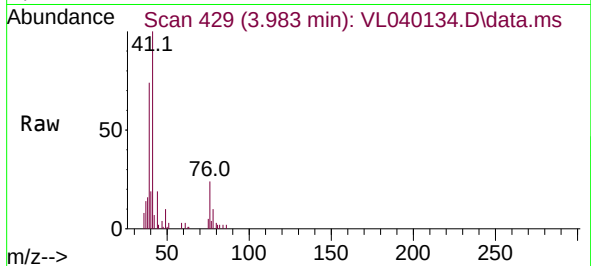




#21
 Allyl Chloride
 Concen: 0.360 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

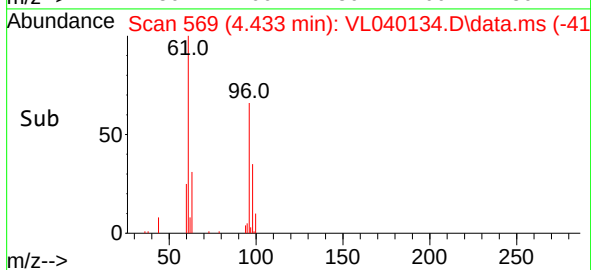
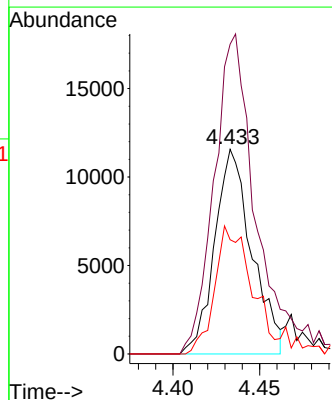
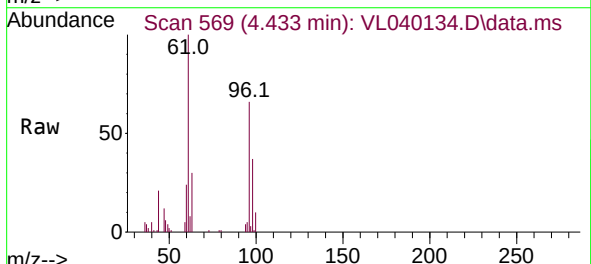
Instrument :
 MSVOA_L
 ClientSampleId :

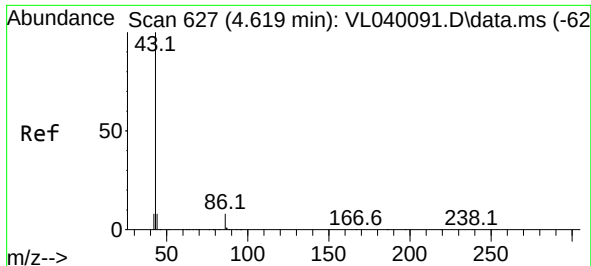
Tgt Ion: 41 Resp: 23806
 Ion Ratio Lower Upper
 41 100
 76 31.9 25.9 38.9
 39 91.9 66.8 100.2



#22
 trans-1,2-Dichloroethene
 Concen: 0.345 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. 0.003 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

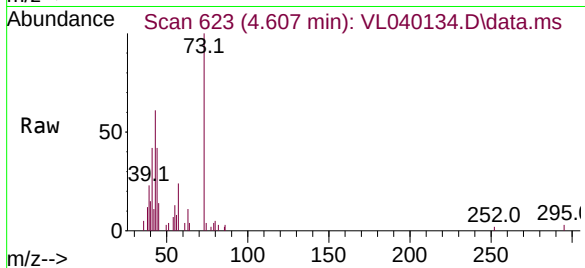
Tgt Ion: 96 Resp: 17301
 Ion Ratio Lower Upper
 96 100
 61 151.4 125.8 188.8
 98 55.8 47.4 71.2



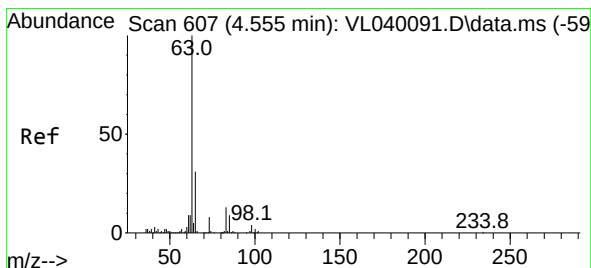
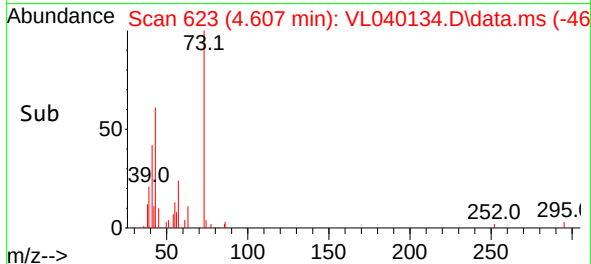
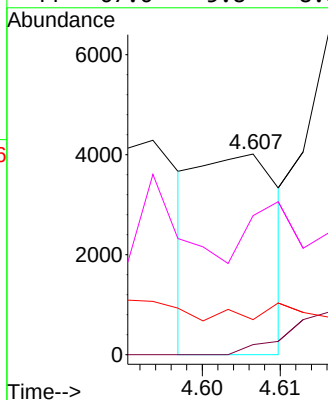


#23
 Vinyl Acetate
 Concen: 0.087 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

Instrument :
 MSVOA_1
 ClientSampleId :

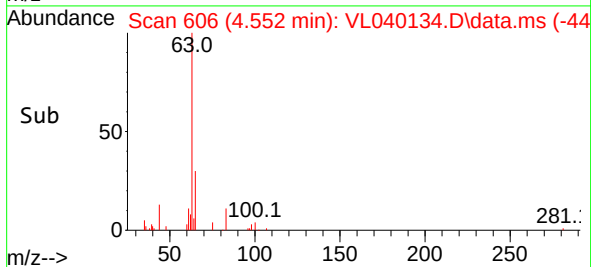
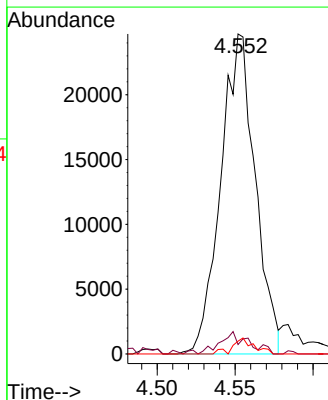
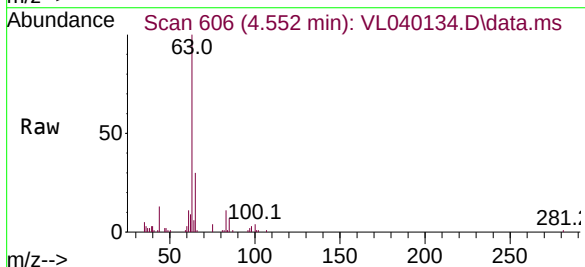


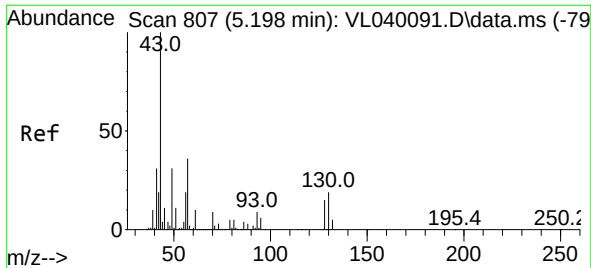
Tgt Ion:	43	Resp:	2899
Ion	Ratio	Lower	Upper
43	100		
86	29.6	5.6	8.4#
42	0.0	7.7	11.5#
44	67.6	5.8	8.8#



#24
 1,1-Dichloroethane
 Concen: 0.377 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.003 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

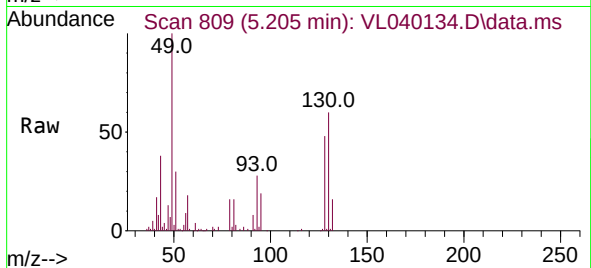
Tgt Ion:	63	Resp:	38040
Ion	Ratio	Lower	Upper
63	100		
98	2.9	2.0	5.8
100	4.0	1.1	3.5#



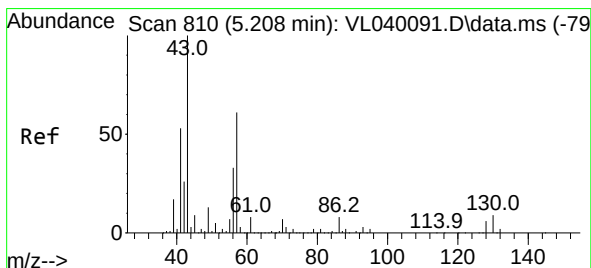
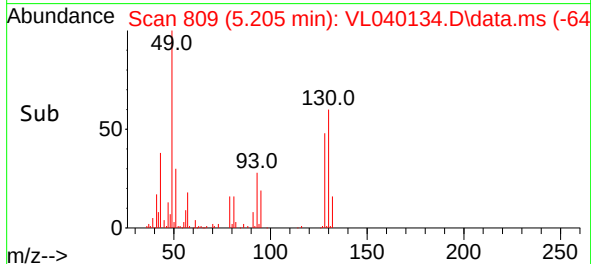
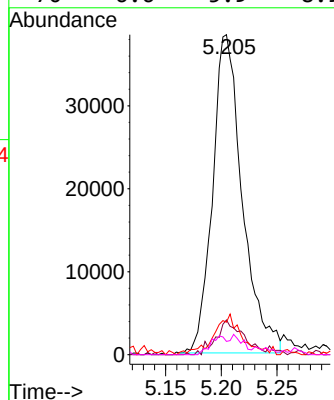


#25
Ethyl Acetate
Concen: 0.393 ppbv
RT: 5.205 min Scan# 807
Delta R.T. 0.016 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Instrument :
MSVOA_L
ClientSampleId :

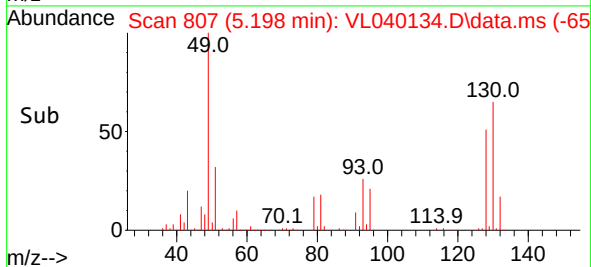
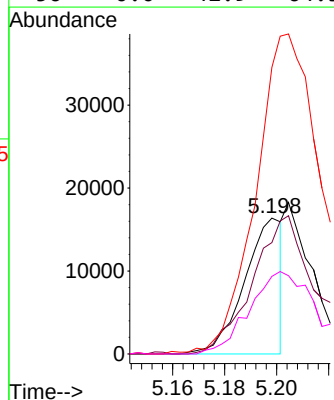
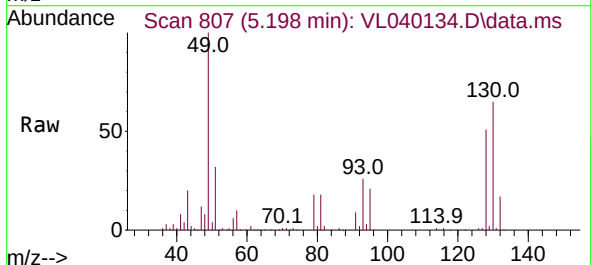


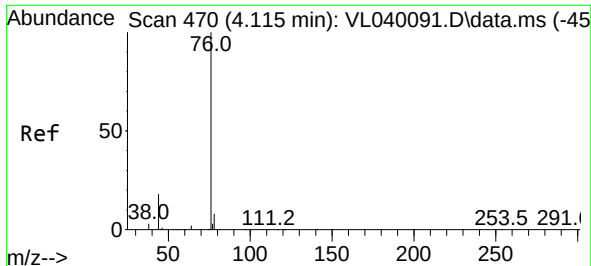
Tgt Ion: 43	Resp: 71272
Ion Ratio	Lower Upper
43 100	
45 11.1	8.5 12.7
61 12.8	8.4 12.6#
70 6.6	5.9 8.9



#26
Hexane
Concen: 0.207 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.000 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt	Ion: 57	Resp:	16429
Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.2	108.4#
43	0.0	192.1	288.1#
56	0.0	42.9	64.3#





#27

Carbon Disulfide

Concen: 0.263 ppbv

RT: 4.115 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

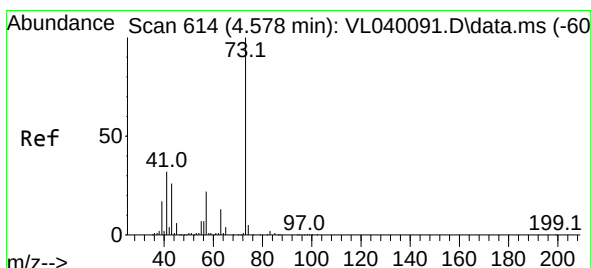
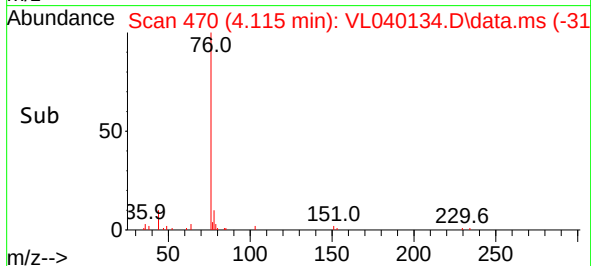
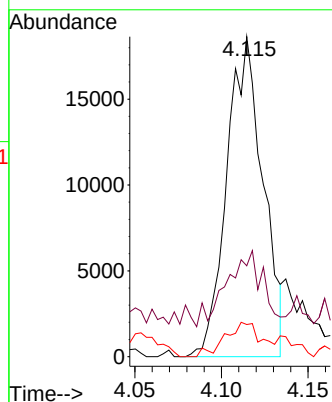
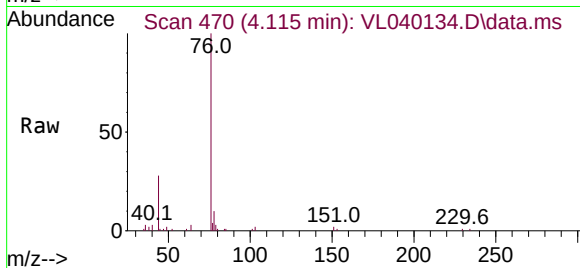
Tgt Ion: 76 Resp: 27017

Ion Ratio Lower Upper

76 100

44 30.1 14.9 22.3#

78 15.6 8.2 12.2#



#28

Methyl tert-Butyl Ether

Concen: 0.378 ppbv

RT: 4.590 min Scan# 618

Delta R.T. 0.022 min

Lab File: VL040134.D

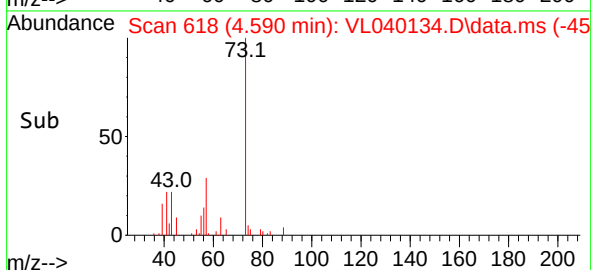
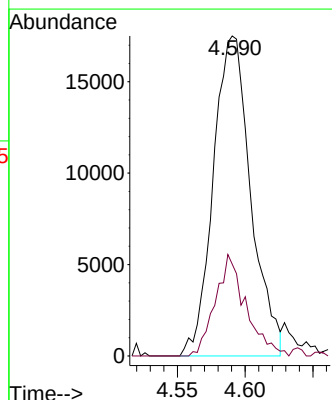
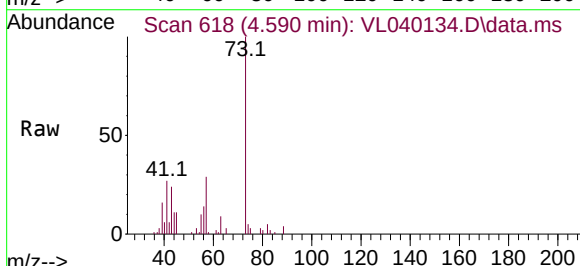
Acq: 30 Jan 2023 15:54

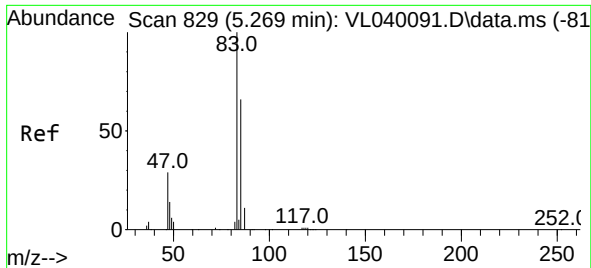
Tgt Ion: 73 Resp: 33716

Ion Ratio Lower Upper

73 100

57 26.8 18.3 27.5

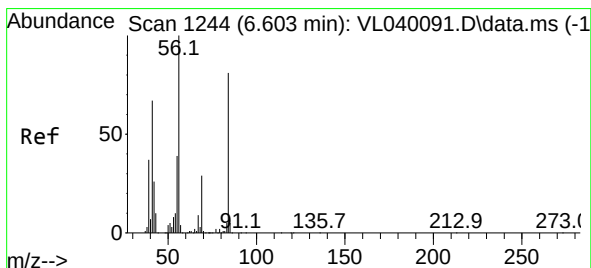
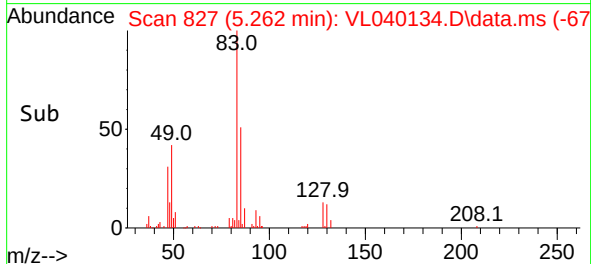
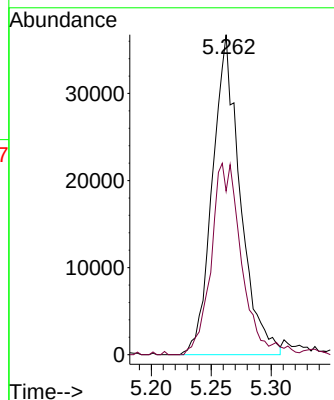
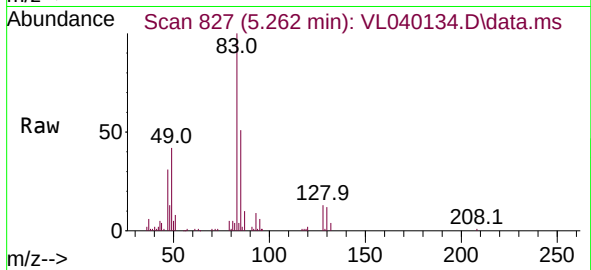




#29
Chloroform
Concen: 0.466 ppbv
RT: 5.262 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

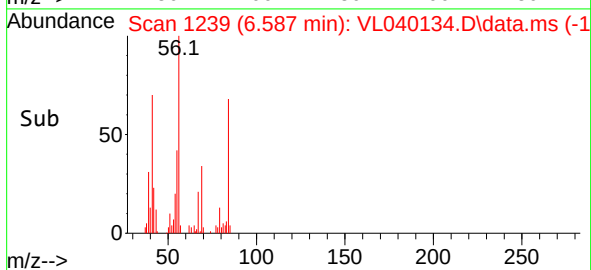
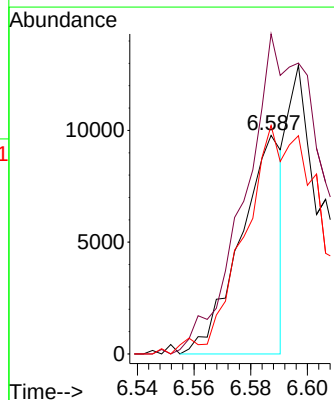
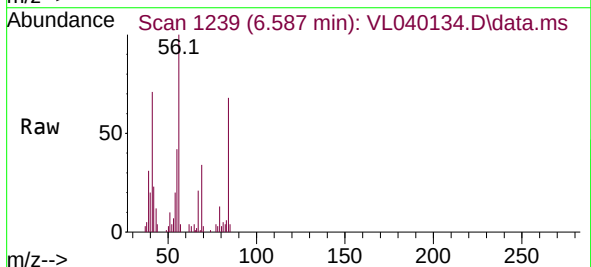
Instrument :
MSVOA_L
ClientSampleId :

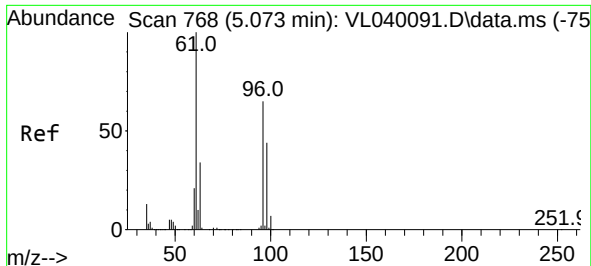
Tgt Ion: 83 Resp: 59044
Ion Ratio Lower Upper
83 100
85 51.1 53.1 79.7#



#30
Cyclohexane
Concen: 0.158 ppbv
RT: 6.587 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 84 Resp: 9945
Ion Ratio Lower Upper
84 100
56 253.4 111.5 167.3#
41 211.7 71.4 107.0#

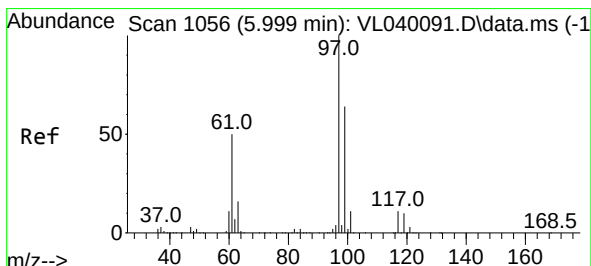
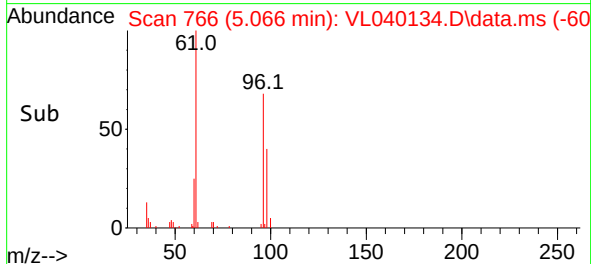
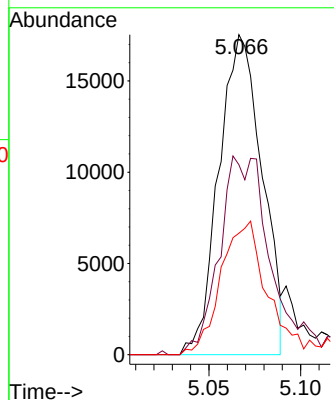
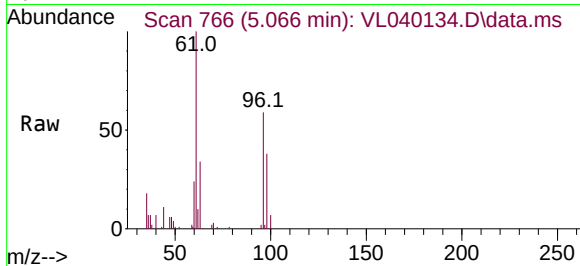




#31
 cis-1,2-Dichloroethene
 Concen: 0.375 ppbv
 RT: 5.066 min Scan# 766
 Delta R.T. 0.003 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

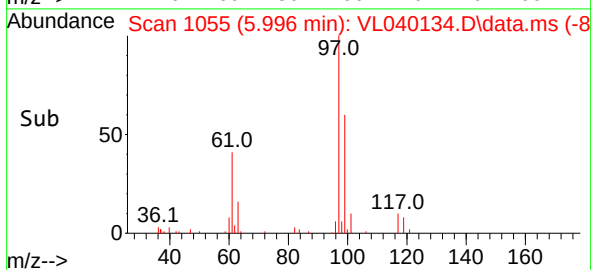
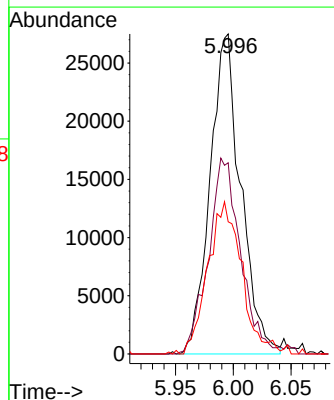
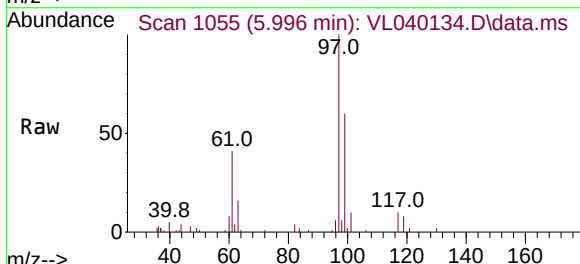
Instrument :
 MSVOA_L
 ClientSampleId :

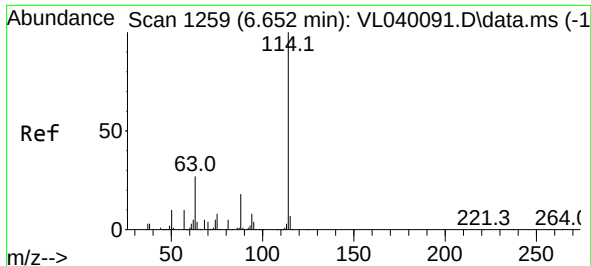
Tgt Ion:	61	Resp:	28801
Ion	Ratio	Lower	Upper
61	100		
96	59.3	52.0	78.0
98	38.0	35.3	52.9



#32
 1,1,1-Trichloroethane
 Concen: 0.396 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. 0.006 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

Tgt Ion:	97	Resp:	51008
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	53.0	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: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

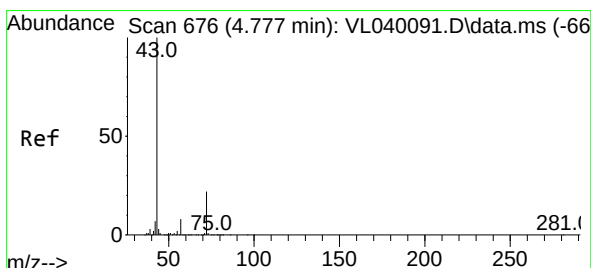
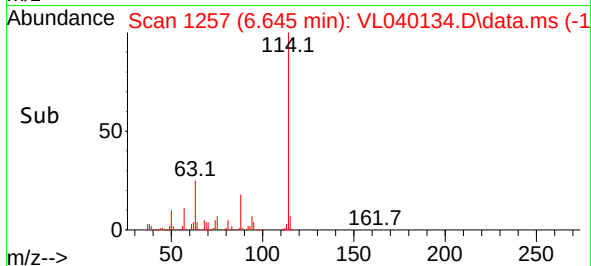
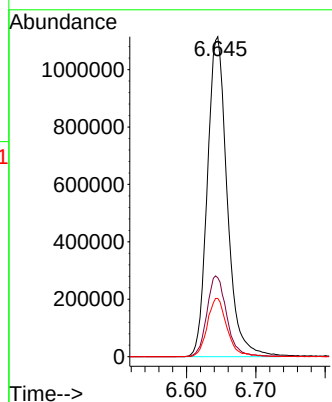
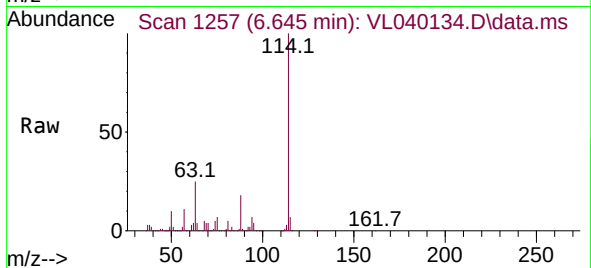
Tgt Ion:114 Resp: 2212269

Ion Ratio Lower Upper

114 100

63 25.5 21.8 32.8

88 18.3 14.8 22.2



#34

2-Butanone

Concen: 0.378 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.019 min

Lab File: VL040134.D

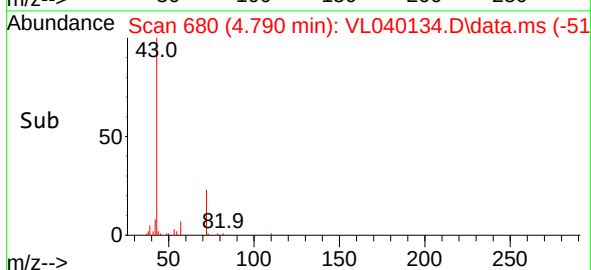
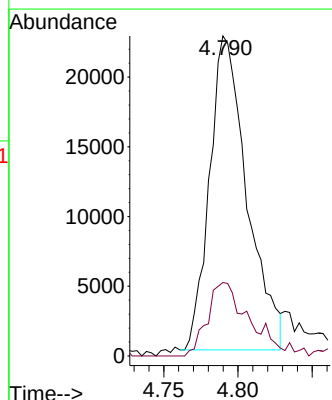
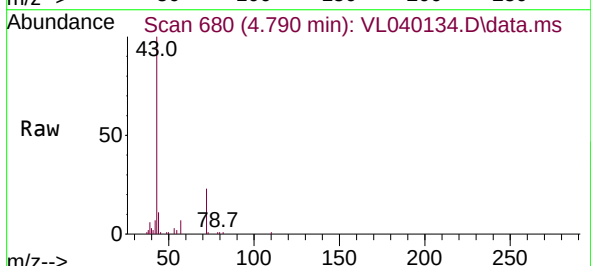
Acq: 30 Jan 2023 15:54

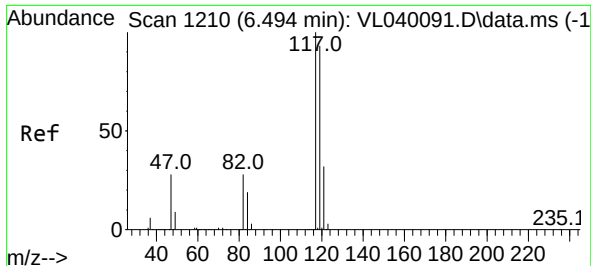
Tgt Ion: 43 Resp: 39552

Ion Ratio Lower Upper

43 100

72 26.7 18.4 27.6

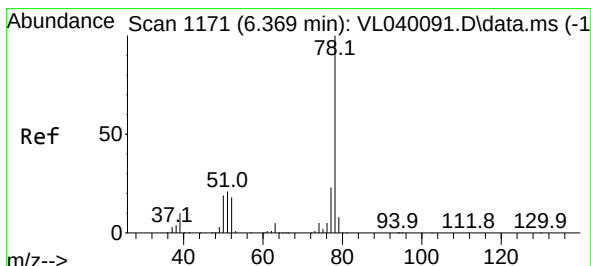
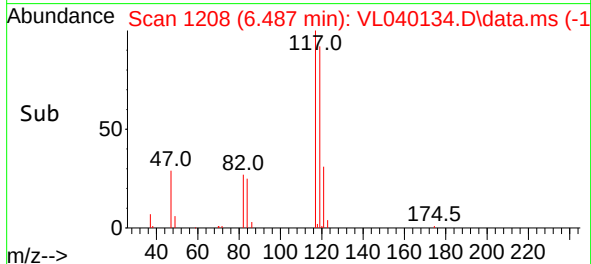
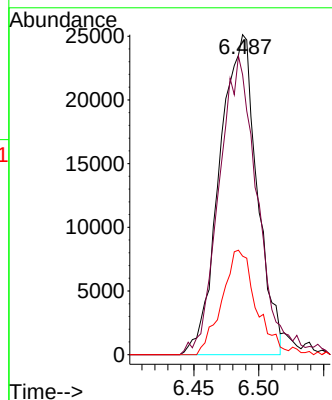
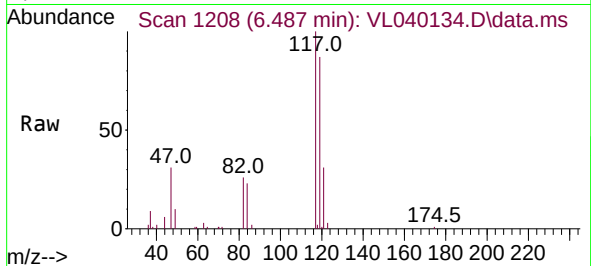




#35
Carbon Tetrachloride
Concen: 0.404 ppbv
RT: 6.487 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

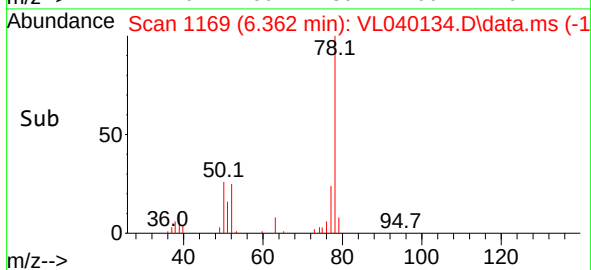
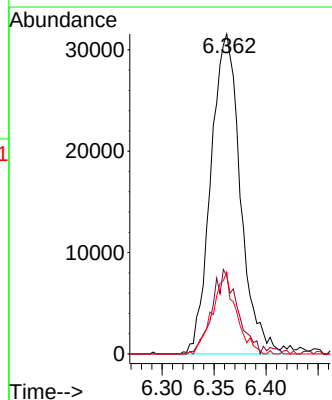
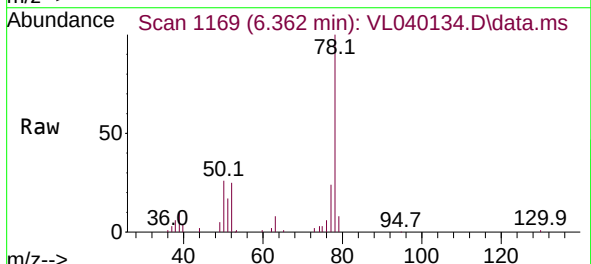
Instrument :
MSVOA_L
ClientSampleId :

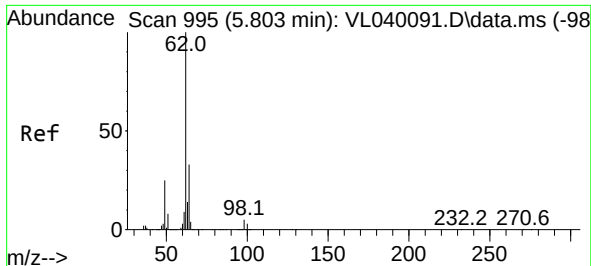
Tgt Ion:117 Resp: 50561
Ion Ratio Lower Upper
117 100
119 87.5 74.5 111.7
121 30.8 25.4 38.0



#36
Benzene
Concen: 0.380 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 78 Resp: 62229
Ion Ratio Lower Upper
78 100
77 24.2 18.1 27.1
50 25.7 15.6 23.4#

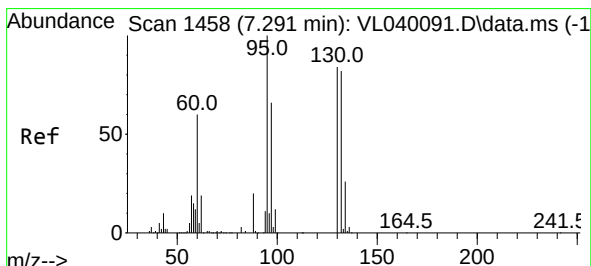
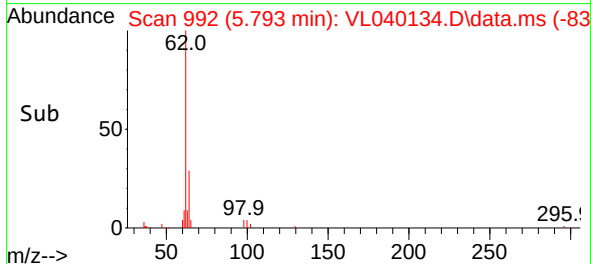
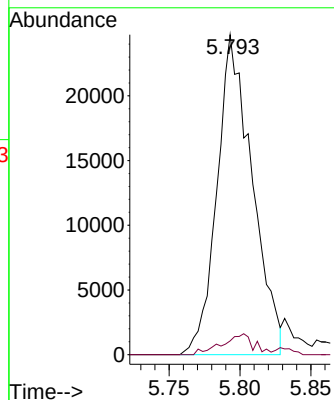
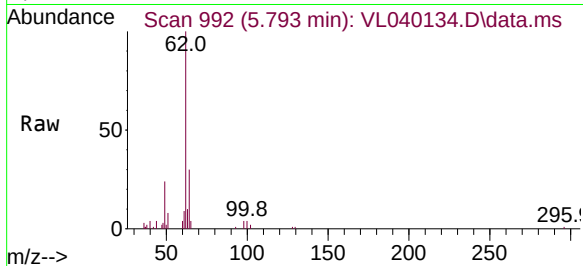




#37
1,2-Dichloroethane
Concen: 0.405 ppbv
RT: 5.793 min Scan# 995
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

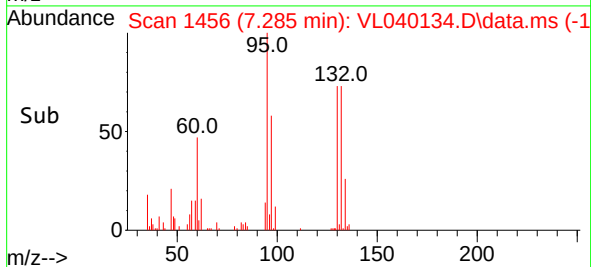
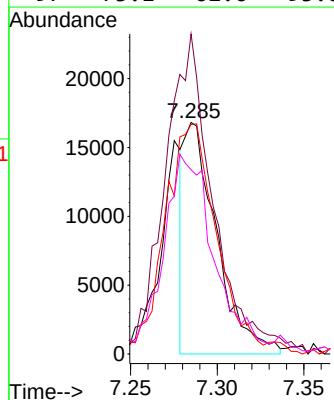
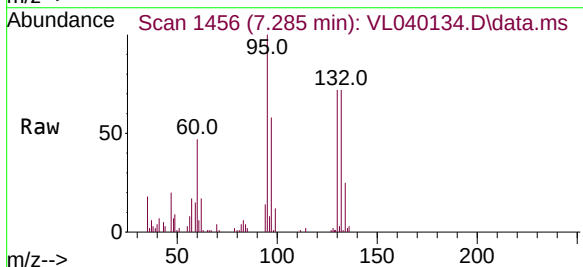
Instrument :
MSVOA_L
ClientSampleId :

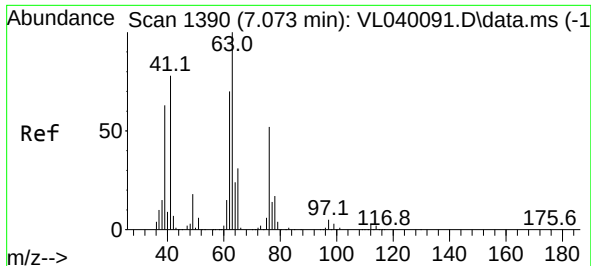
Tgt Ion: 62 Resp: 42616
Ion Ratio Lower Upper
62 100
98 6.9 4.4 6.6#



#38
Trichloroethene
Concen: 0.236 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion:130 Resp: 21951
Ion Ratio Lower Upper
130 100
95 134.5 95.0 142.6
132 96.3 77.9 116.9
97 73.1 62.6 93.8





#39

1,2-Dichloropropane

Concen: 0.144 ppbv

RT: 7.069 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

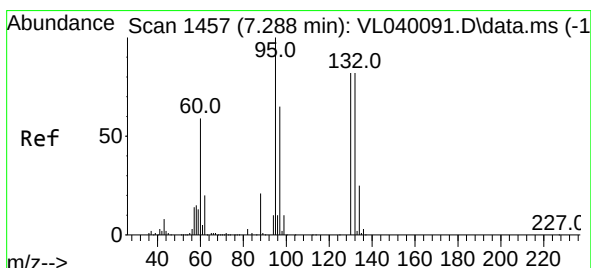
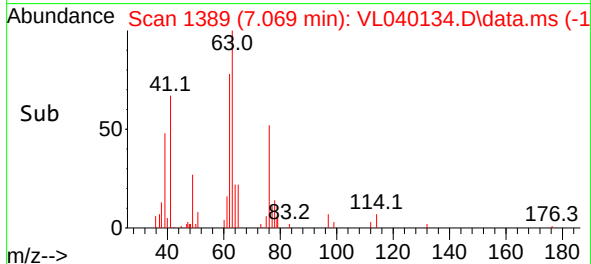
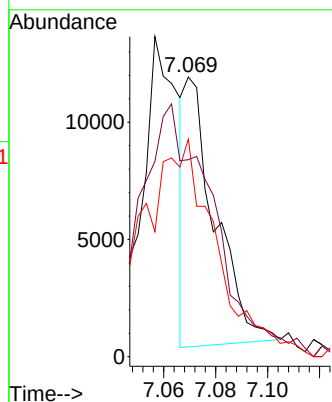
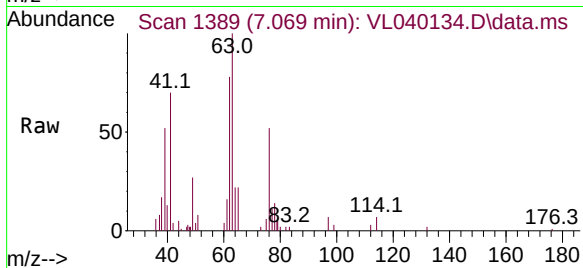
Tgt Ion: 63 Resp: 9204

Ion Ratio Lower Upper

63 100

41 66.3 62.2 93.4

62 77.8 55.8 83.8



#40

1,4-Dioxane

Concen: 0.009 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.016 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Tgt Ion: 88 Resp: 228

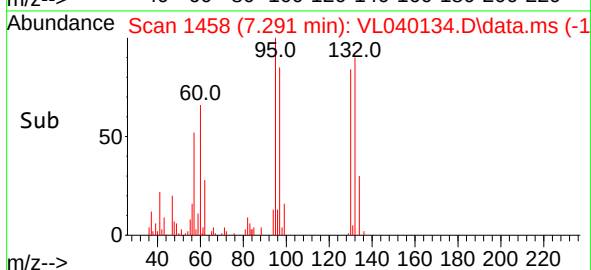
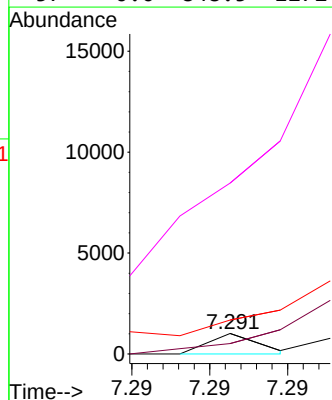
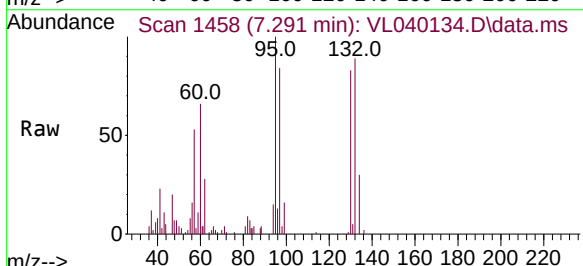
Ion Ratio Lower Upper

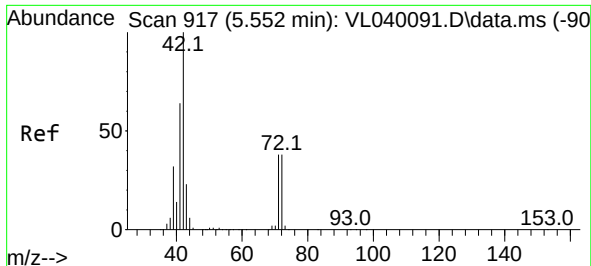
88 100

58 0.0 97.5 146.3#

43 0.0 195.0 292.4#

57 0.0 848.5 1272.7#





#41

Tetrahydrofuran

Concen: 0.005 ppbv

RT: 5.533 min Scan# 917

Delta R.T. -0.010 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

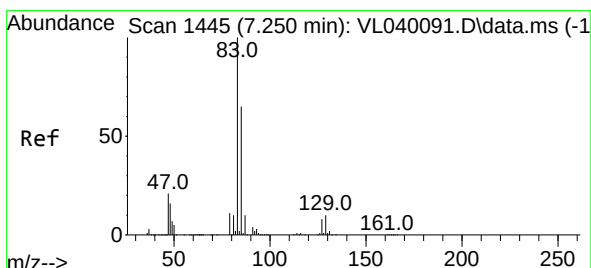
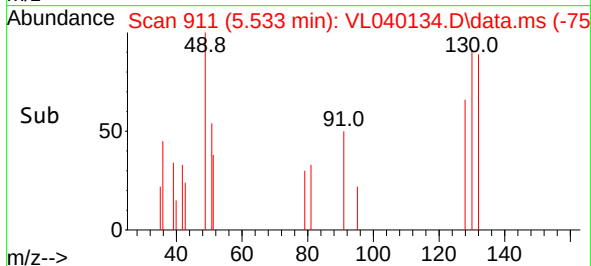
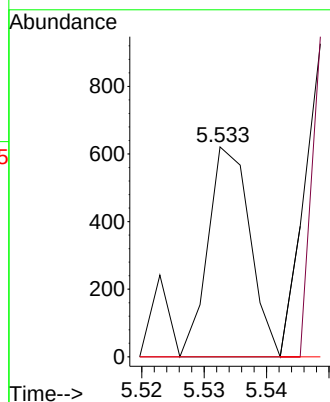
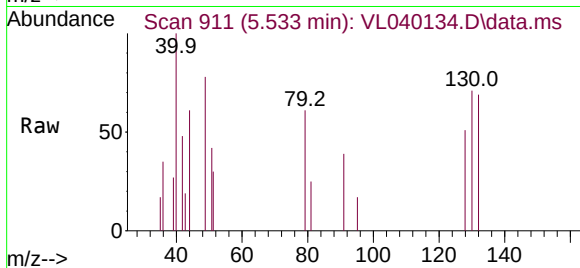
Tgt Ion: 42 Resp: 290

Ion Ratio Lower Upper

42 100

72 0.0 31.9 47.9#

71 0.0 31.4 47.2#



#42

Bromodichloromethane

Concen: 0.369 ppbv

RT: 7.240 min Scan# 1442

Delta R.T. 0.003 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

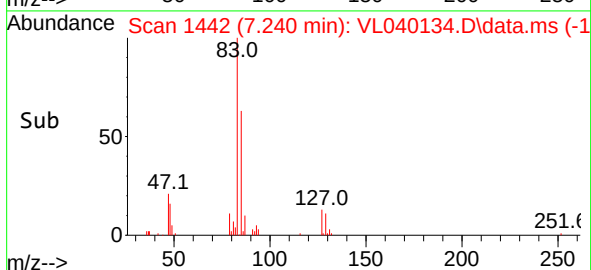
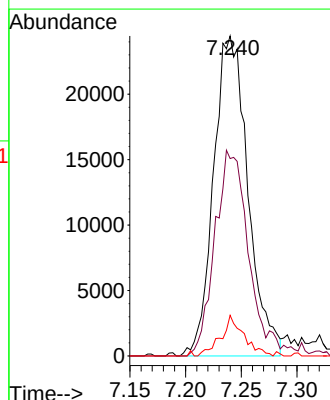
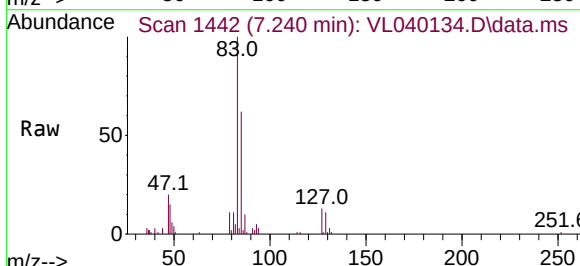
Tgt Ion: 83 Resp: 52421

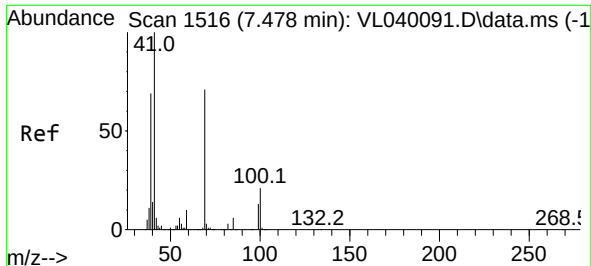
Ion Ratio Lower Upper

83 100

85 61.7 51.7 77.5

127 12.7 6.2 9.2#

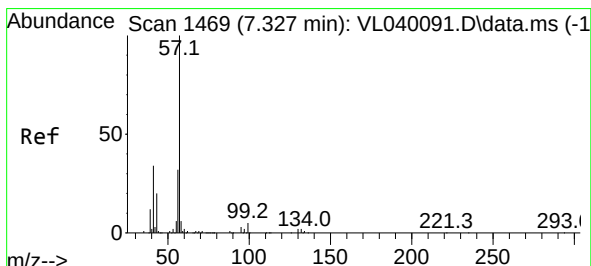
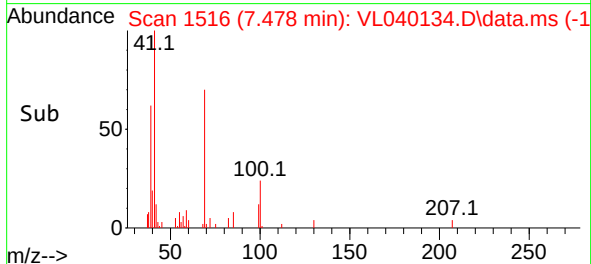
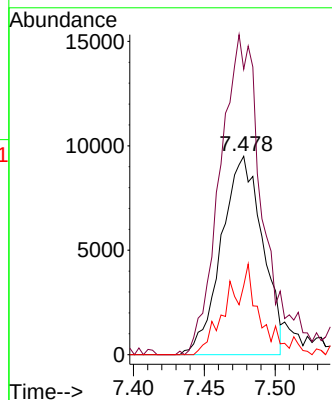
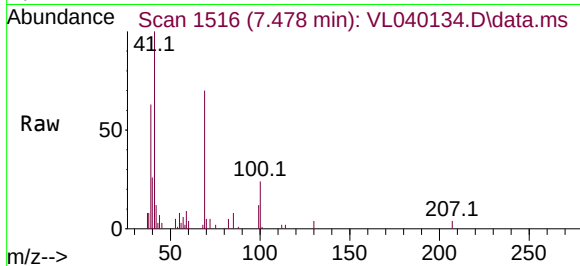




#43
Methyl Methacrylate
Concen: 0.319 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. 0.013 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

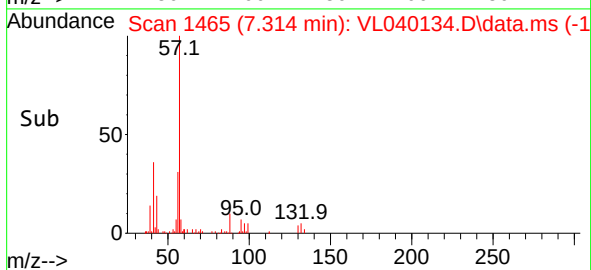
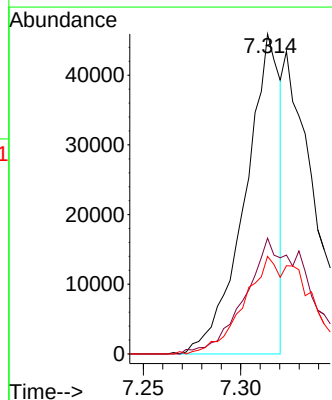
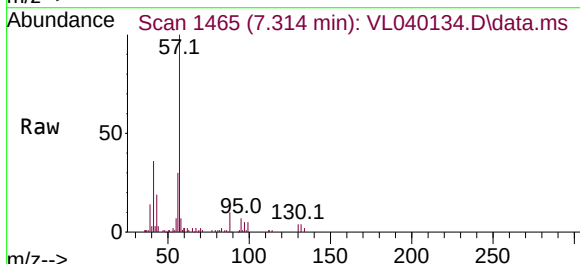
Instrument :
MSVOA_L
ClientSampleId :

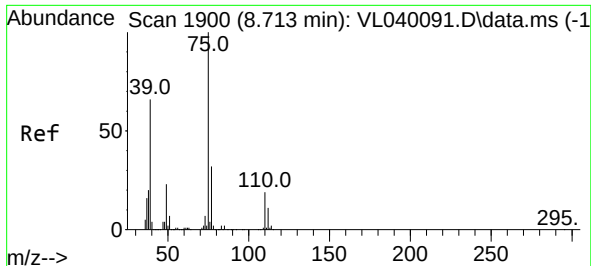
Tgt Ion: 69 Resp: 19187
Ion Ratio Lower Upper
69 100
41 165.4 118.2 177.2
100 36.6 24.2 36.4#



#44
2,2,4-Trimethylpentane
Concen: 0.211 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 57 Resp: 57448
Ion Ratio Lower Upper
57 100
41 67.8 27.1 40.7#
56 58.0 25.0 37.4#





#45

t-1,3-Dichloropropene

Concen: 0.154 ppbv

RT: 8.700 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

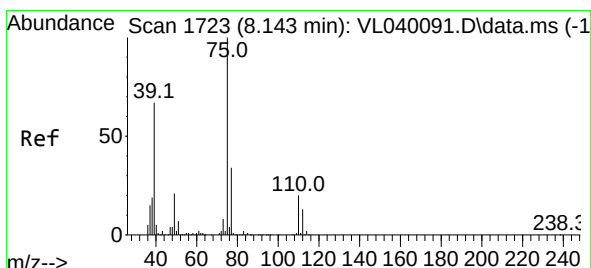
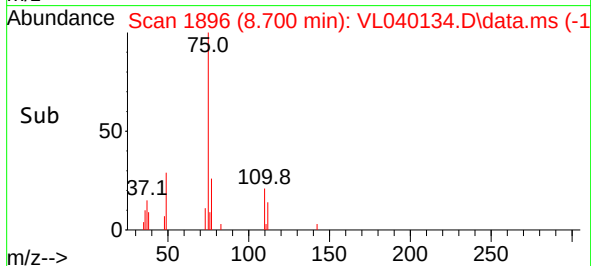
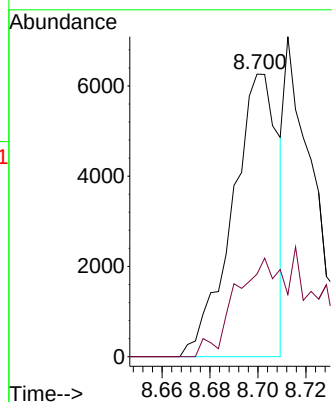
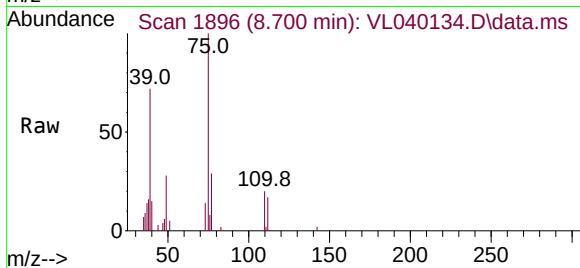
ClientSampleId :

Tgt Ion: 75 Resp: 8264

Ion Ratio Lower Upper

75 100

77 29.2 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 0.171 ppbv

RT: 8.130 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

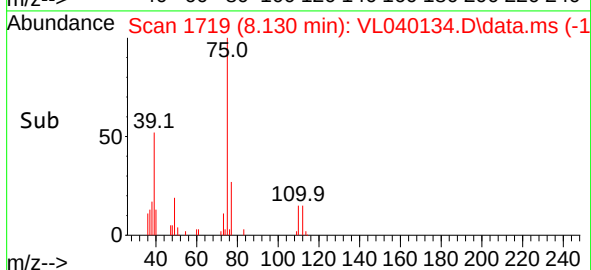
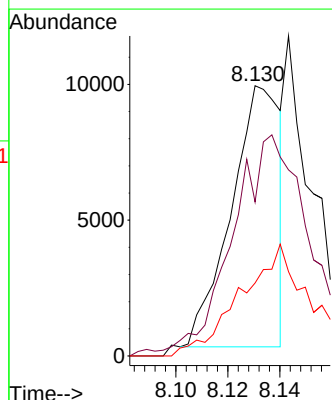
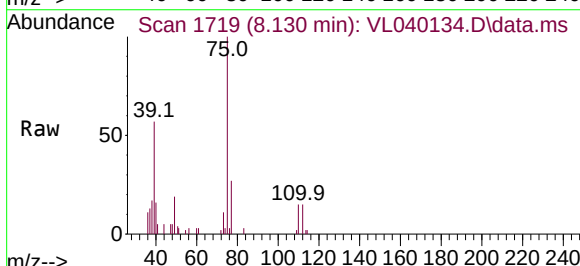
Tgt Ion: 75 Resp: 12520

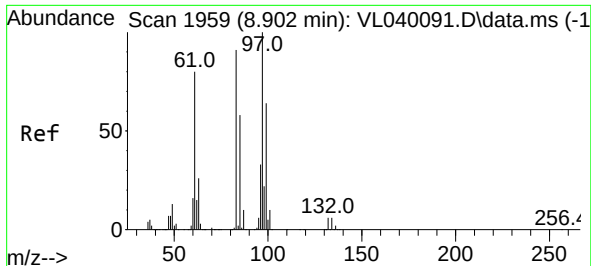
Ion Ratio Lower Upper

75 100

39 53.0 53.6 80.4#

77 24.9 26.9 40.3#





#47

1,1,2-Trichloroethane

Concen: 0.409 ppbv

RT: 8.893 min Scan# 1959

Delta R.T. 0.006 min

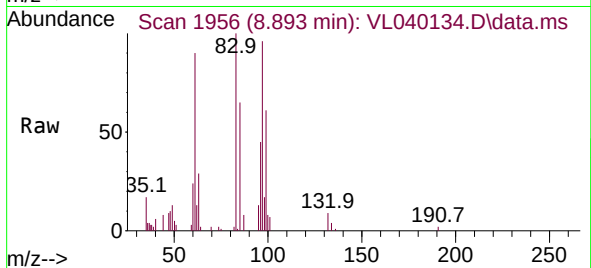
Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

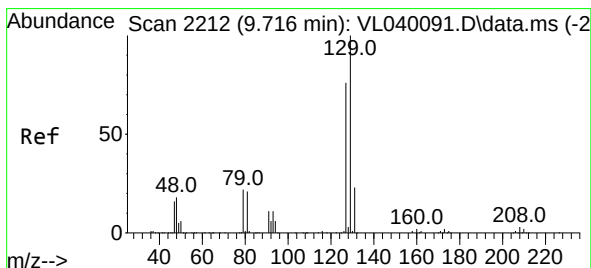
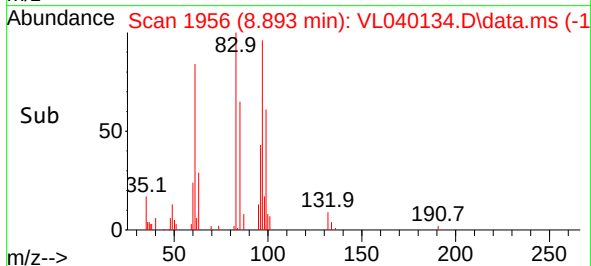
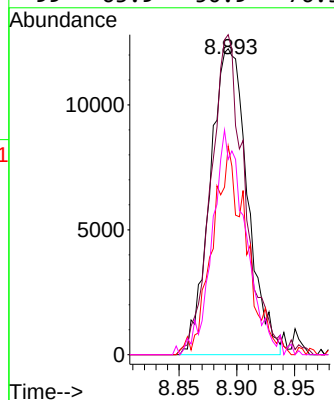
MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 27586

Ion	Ratio	Lower	Upper
97	100		
83	103.0	72.9	109.3
85	66.8	46.0	69.0
99	63.9	50.9	76.3



#48

Dibromochloromethane

Concen: 0.225 ppbv

RT: 9.703 min Scan# 2208

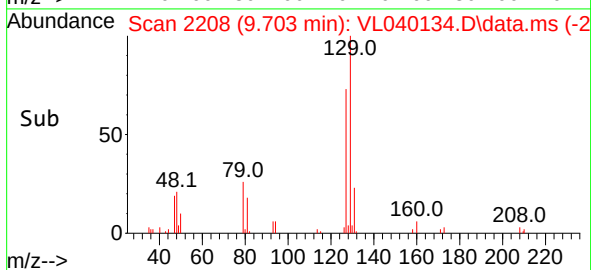
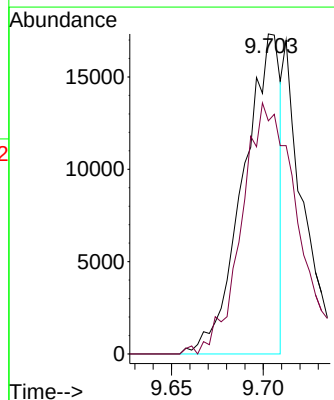
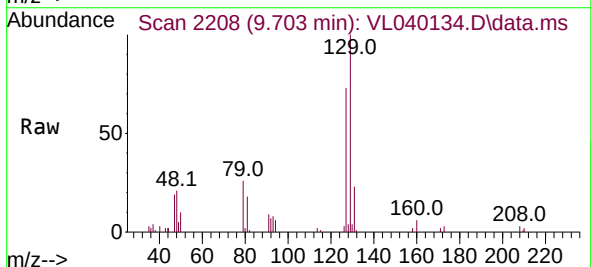
Delta R.T. 0.003 min

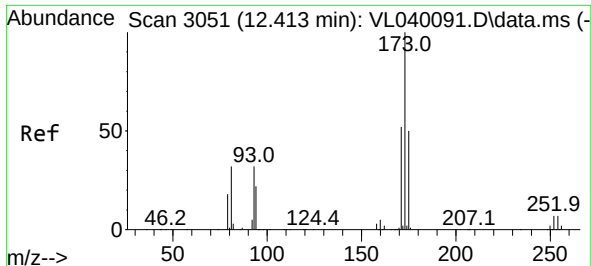
Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Tgt Ion: 129 Resp: 24366

Ion	Ratio	Lower	Upper
129	100		
127	121.8	39.3	117.9

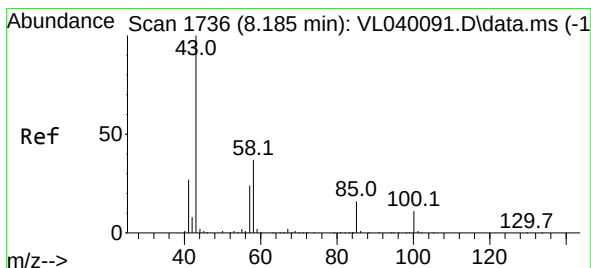
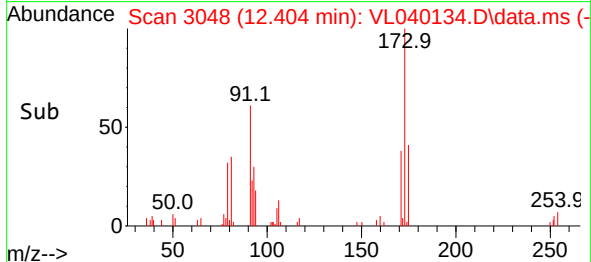
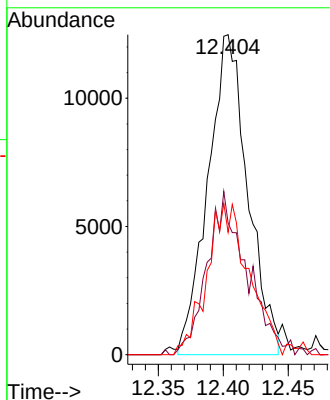
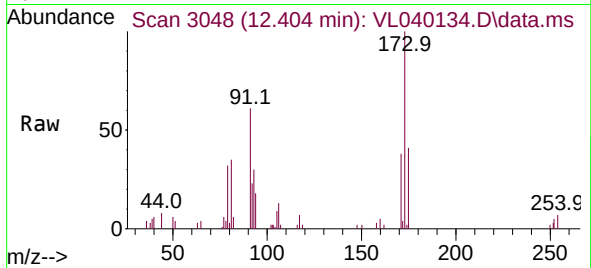




#49
Bromoform
Concen: 0.318 ppbv
RT: 12.404 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

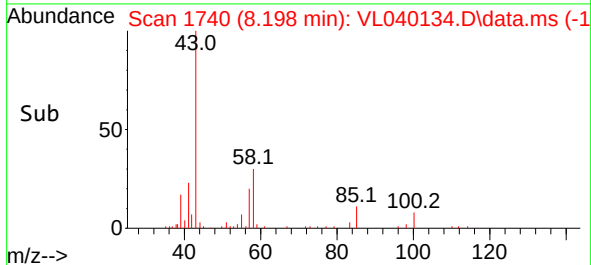
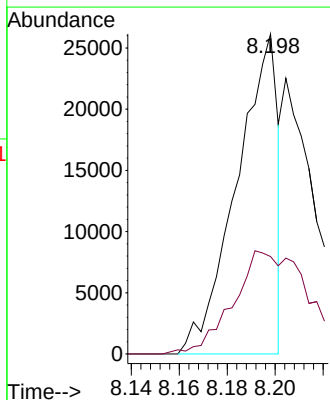
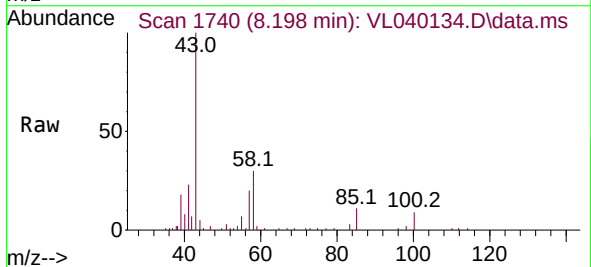
Instrument :
MSVOA_1
ClientSampleId :

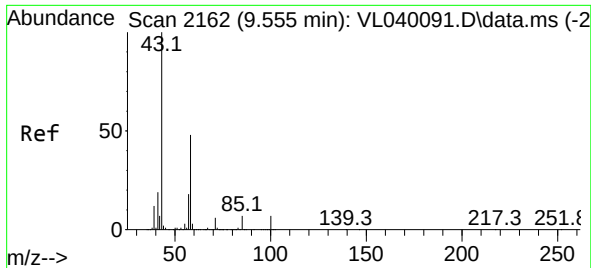
Tgt Ion:173 Resp: 26579
Ion Ratio Lower Upper
173 100
175 51.3 39.7 59.5
171 51.2 42.2 63.2



#50
4-Methyl-2-Pentanone
Concen: 0.189 ppbv
RT: 8.198 min Scan# 1740
Delta R.T. 0.029 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 43 Resp: 31101
Ion Ratio Lower Upper
43 100
58 66.8 28.8 43.2#

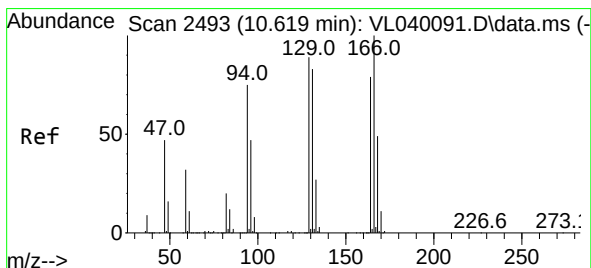
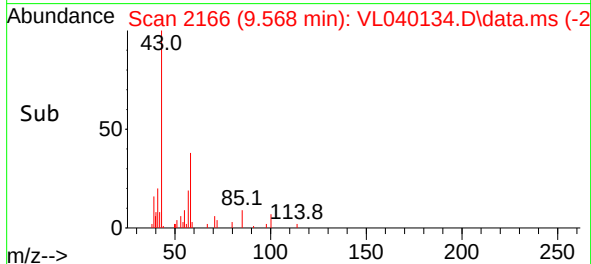
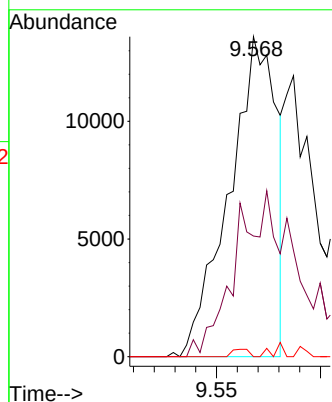
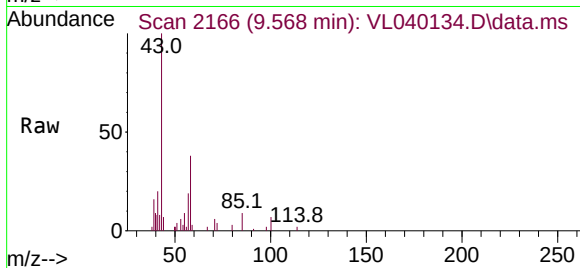




#51
2-Hexanone
Concen: 0.172 ppbv
RT: 9.568 min Scan# 2166
Delta R.T. 0.026 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

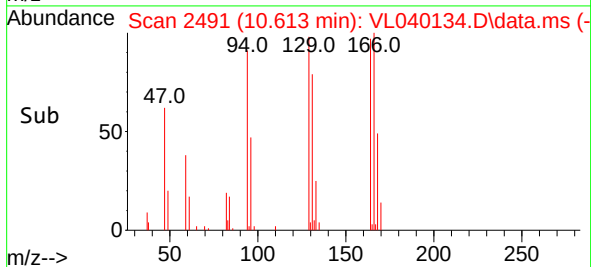
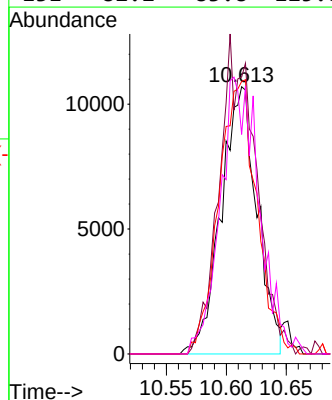
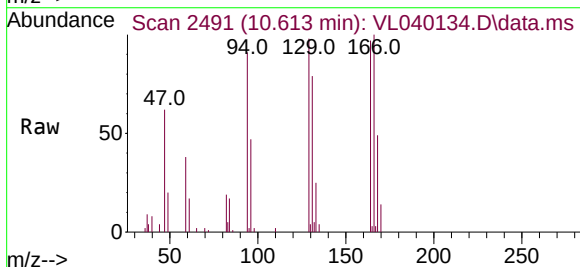
Instrument :
MSVOA_L
ClientSampleId :

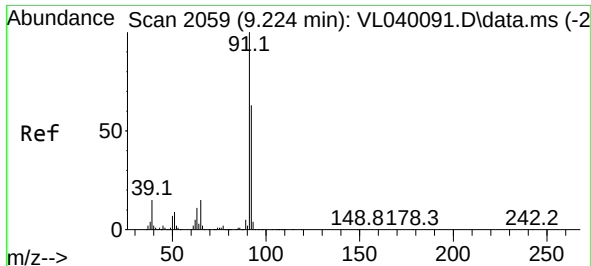
Tgt Ion: 43 Resp: 21496
Ion Ratio Lower Upper
43 100
58 75.5 37.5 56.3#
98 1.1 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.418 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 164 Resp: 22360
Ion Ratio Lower Upper
164 100
166 103.6 101.2 151.8
129 101.9 90.2 135.2
131 82.2 83.8 125.8#

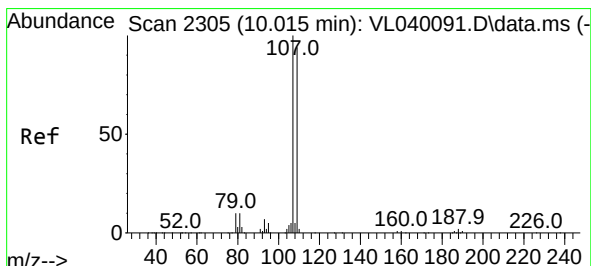
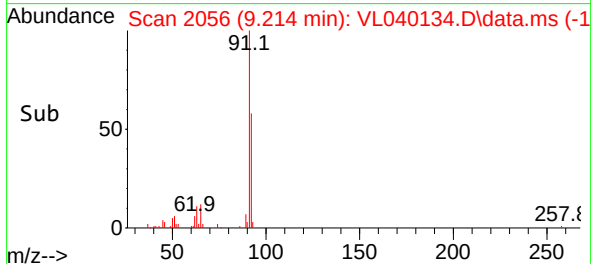
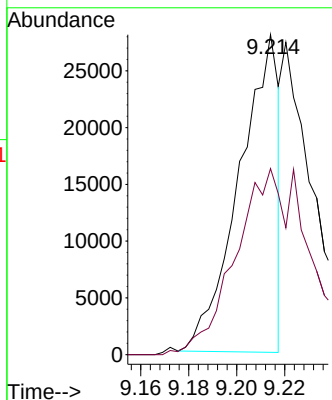
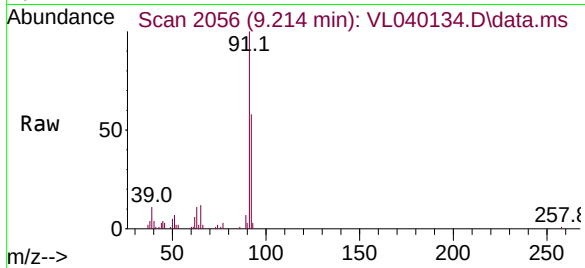




#53
Toluene
Concen: 0.184 ppbv
RT: 9.214 min Scan# 2059
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

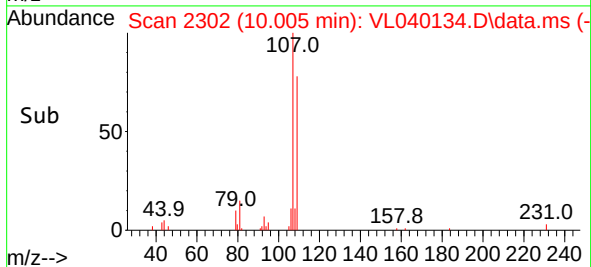
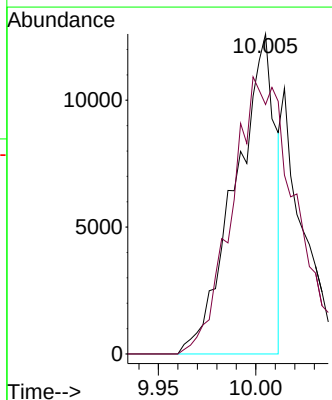
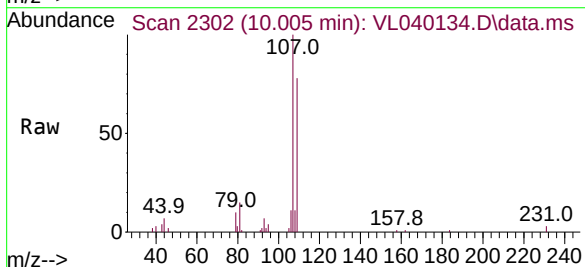
Instrument :
MSVOA_L
ClientSampleId :

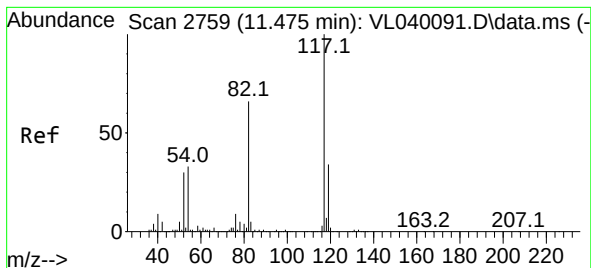
Tgt Ion: 91 Resp: 32098
Ion Ratio Lower Upper
91 100
92 111.2 48.3 72.5#



#54
1,2-Dibromoethane
Concen: 0.254 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 107 Resp: 17931
Ion Ratio Lower Upper
107 100
109 78.0 75.0 112.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

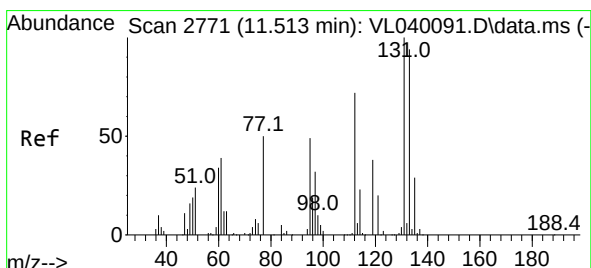
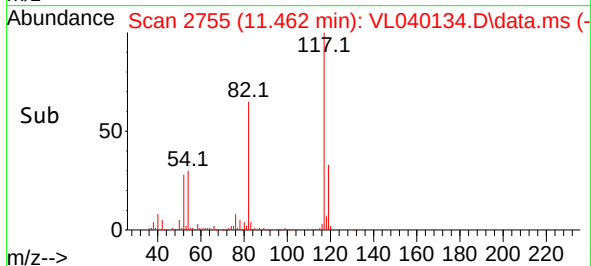
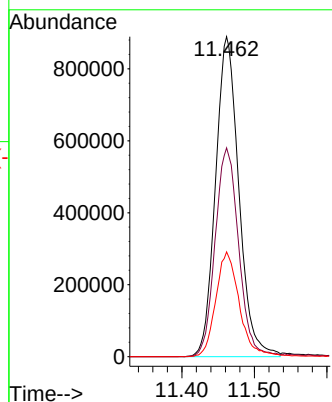
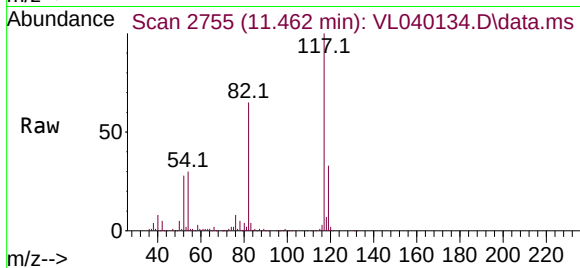
Tgt Ion:117 Resp: 1987336

Ion Ratio Lower Upper

117 100

82 66.8 54.4 81.6

119 33.3 26.8 40.2



#56

1,1,1,2-Tetrachloroethane

Concen: 0.171 ppbv

RT: 11.510 min Scan# 2770

Delta R.T. 0.010 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

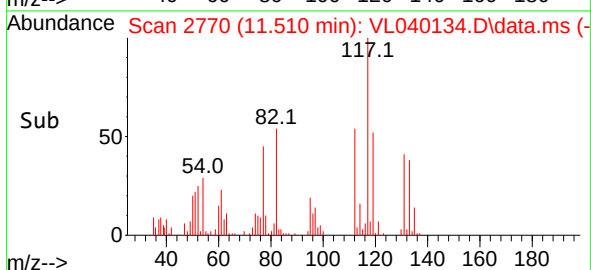
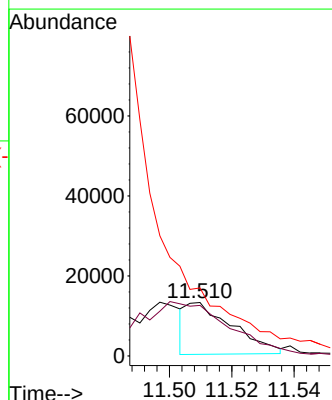
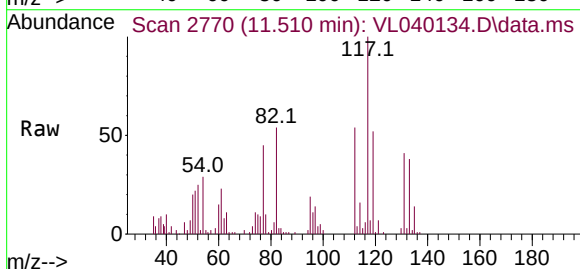
Tgt Ion:131 Resp: 13256

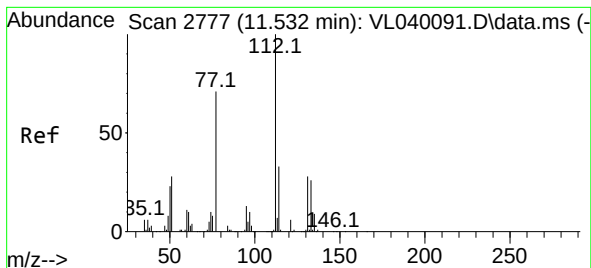
Ion Ratio Lower Upper

131 100

133 0.0 75.6 113.4#

119 0.0 47.2 70.8#





#57

Chlorobenzene

Concen: 0.145 ppbv

RT: 11.529 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

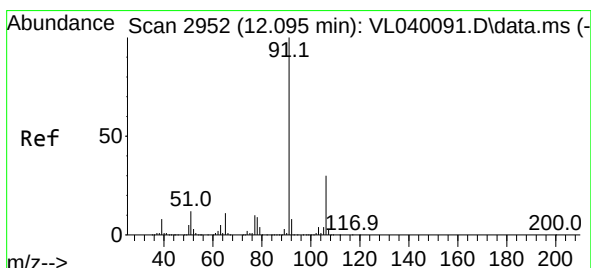
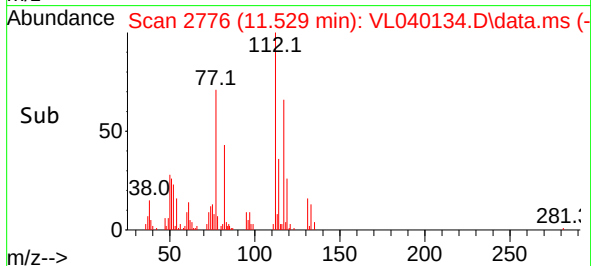
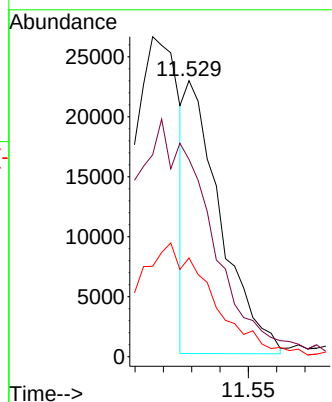
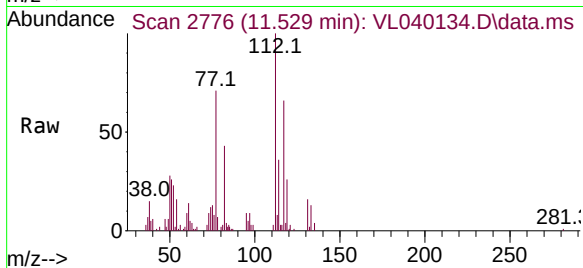
Tgt Ion:112 Resp: 19684

Ion Ratio Lower Upper

112 100

77 67.7 57.3 85.9

114 33.4 29.6 36.2



#58

Ethyl Benzene

Concen: 0.334 ppbv

RT: 12.092 min Scan# 2951

Delta R.T. 0.010 min

Lab File: VL040134.D

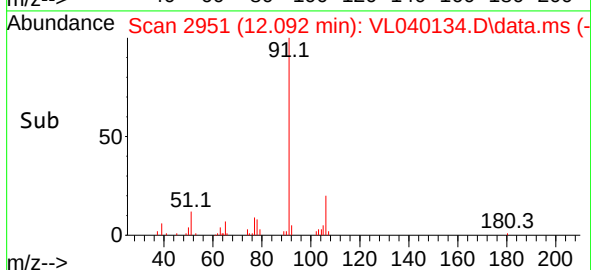
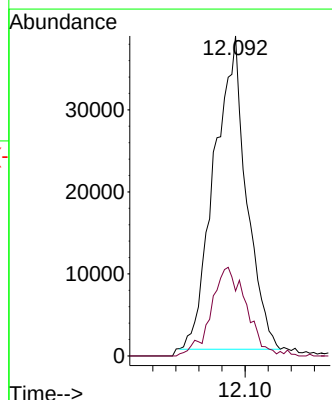
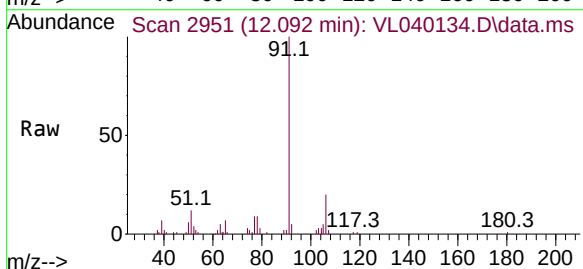
Acq: 30 Jan 2023 15:54

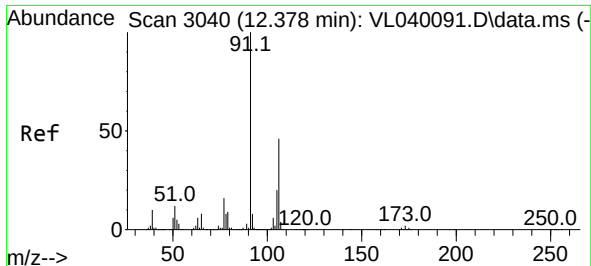
Tgt Ion: 91 Resp: 73971

Ion Ratio Lower Upper

91 100

106 20.0 23.7 35.5#





#59

m/p-Xylene

Concen: 0.277 ppbv

RT: 12.371 min Scan# 3040

Delta R.T. 0.006 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

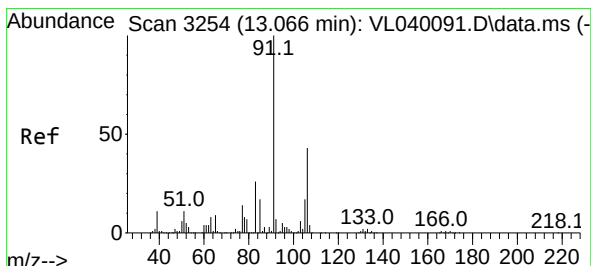
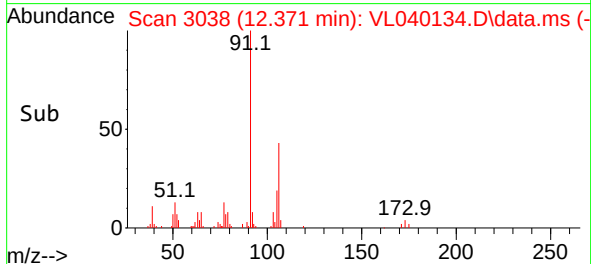
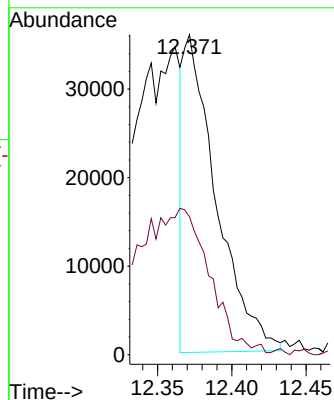
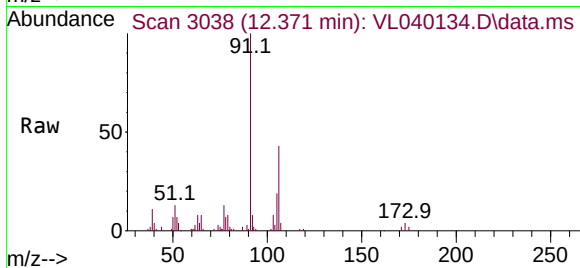
ClientSampleId :

Tgt Ion: 91 Resp: 55311

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.4#



#60

o-Xylene

Concen: 0.338 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VL040134.D

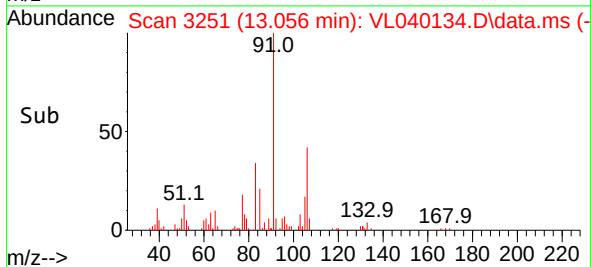
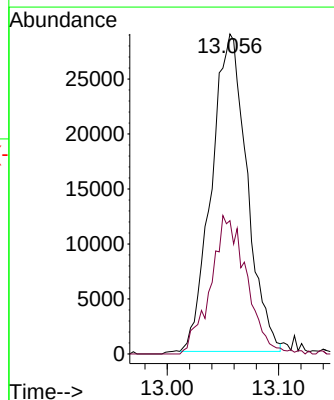
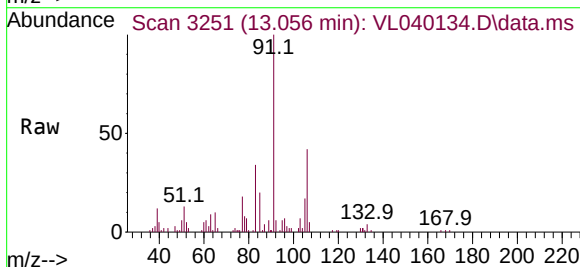
Acq: 30 Jan 2023 15:54

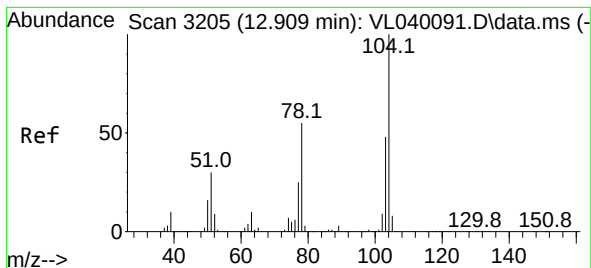
Tgt Ion: 91 Resp: 63893

Ion Ratio Lower Upper

91 100

106 44.4 21.6 64.8





#61

Styrene

Concen: 0.246 ppbv

RT: 12.899 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

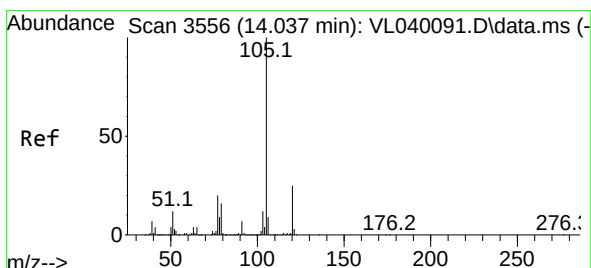
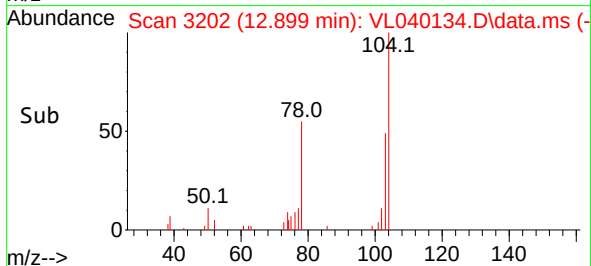
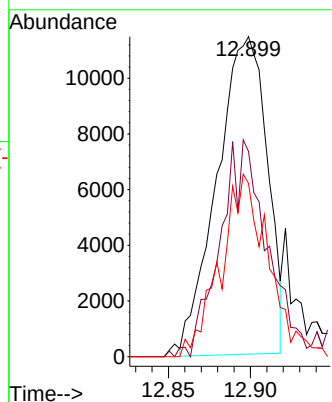
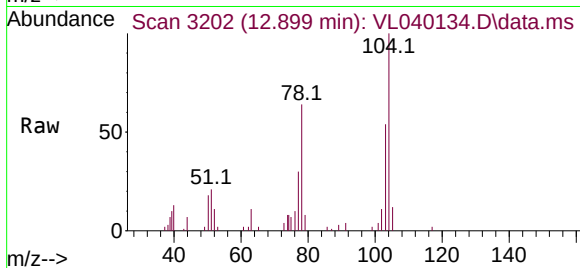
Tgt Ion:104 Resp: 24282

Ion Ratio Lower Upper

104 100

78 67.8 44.0 66.0#

103 54.8 37.8 56.6



#62

Isopropylbenzene

Concen: 0.380 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.003 min

Lab File: VL040134.D

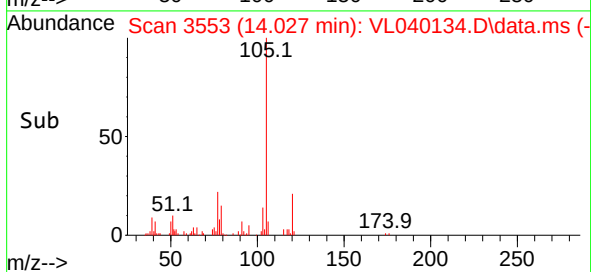
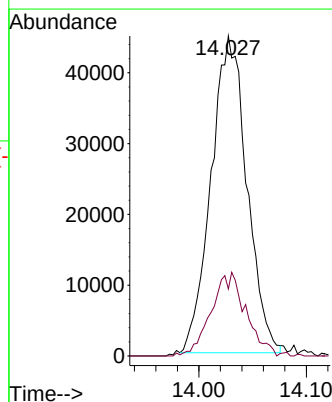
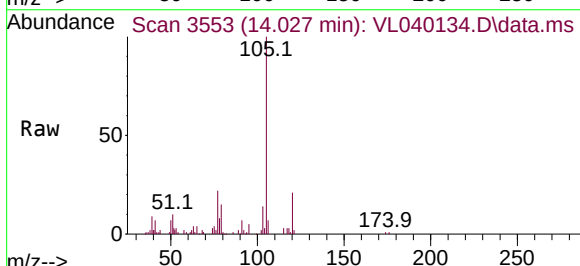
Acq: 30 Jan 2023 15:54

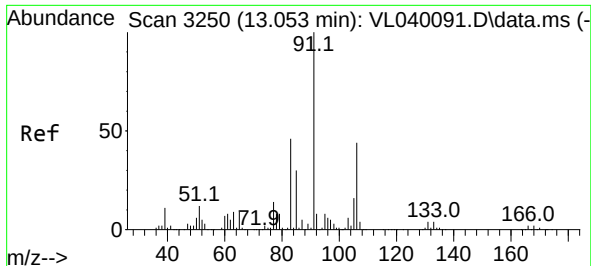
Tgt Ion:105 Resp: 103345

Ion Ratio Lower Upper

105 100

120 25.9 20.2 30.2





#63

1,1,2,2-Tetrachloroethane

Concen: 0.240 ppbv

RT: 13.047 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

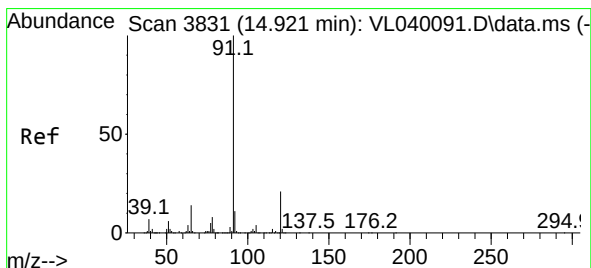
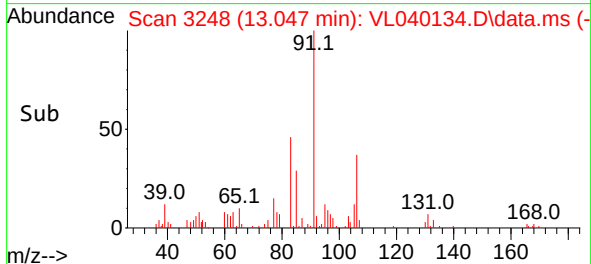
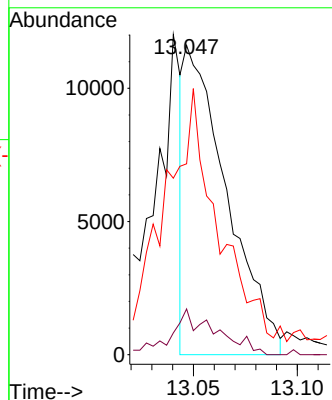
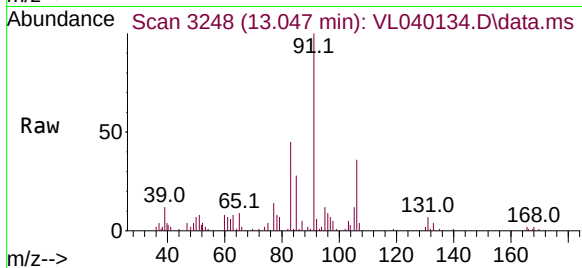
Tgt Ion: 83 Resp: 16510

Ion Ratio Lower Upper

83 100

131 15.6 4.3 13.1#

85 126.5 32.5 97.5#



#64

n-propylbenzene

Concen: 0.222 ppbv

RT: 14.912 min Scan# 3828

Delta R.T. -0.000 min

Lab File: VL040134.D

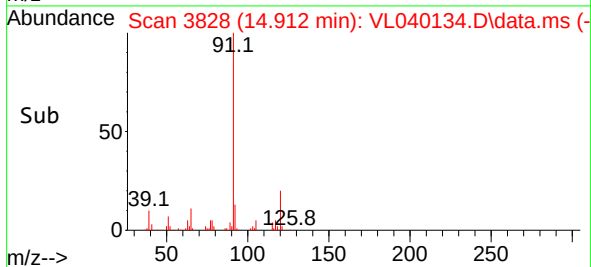
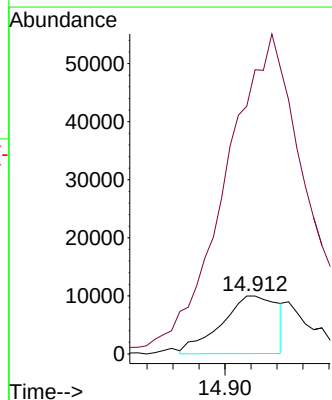
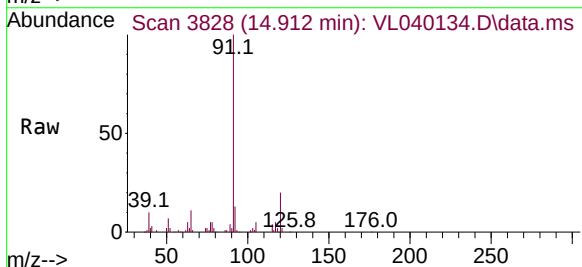
Acq: 30 Jan 2023 15:54

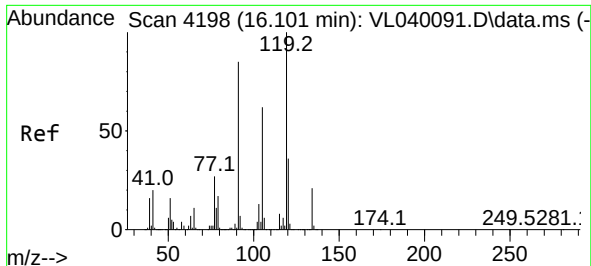
Tgt Ion: 120 Resp: 15050

Ion Ratio Lower Upper

120 100

91 0.0 397.0 595.4#

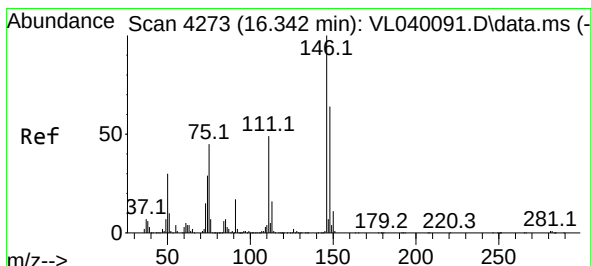
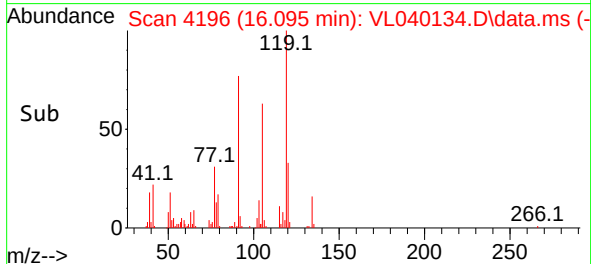
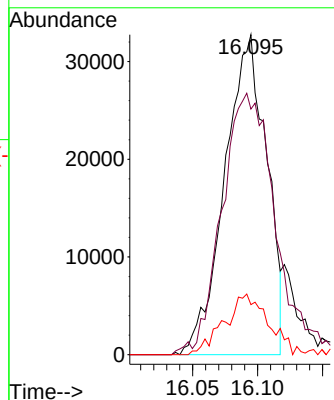
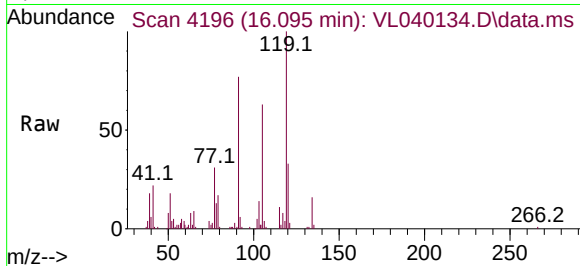




#65
tert-Butylbenzene
Concen: 0.315 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.010 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

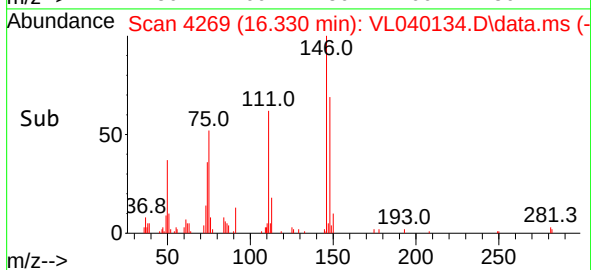
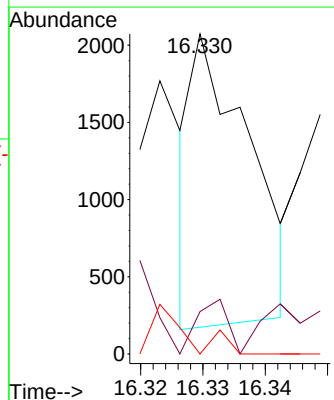
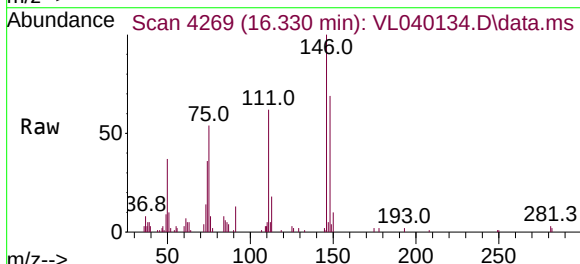
Instrument :
MSVOA_L
ClientSampleId :

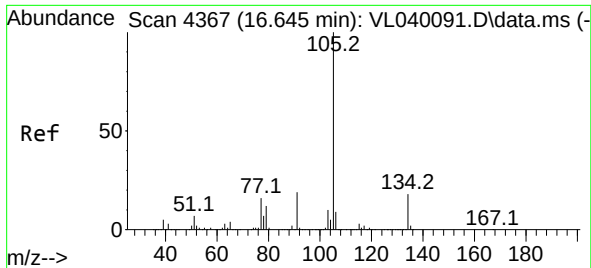
Tgt Ion:119 Resp: 73456
Ion Ratio Lower Upper
119 100
91 106.1 69.5 104.3#
134 21.1 15.8 23.8



#66
Benzyl Chloride
Concen: 0.076 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 91 Resp: 1217
Ion Ratio Lower Upper
91 100
126 0.0 11.5 17.3#
128 0.0 0.0 0.0

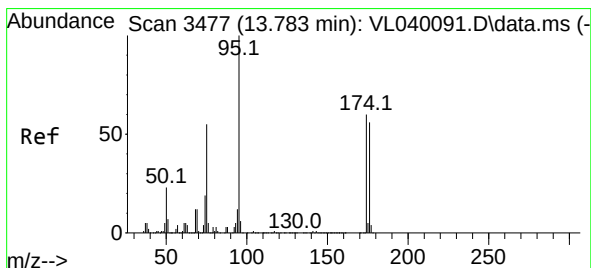
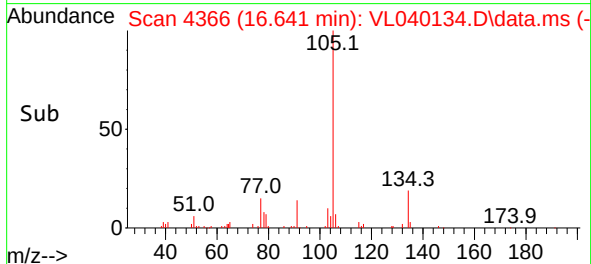
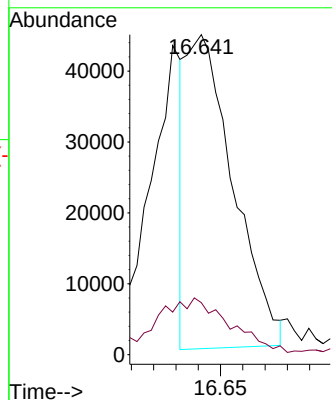
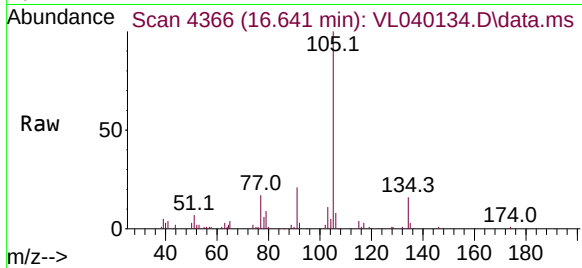




#67
 sec-Butylbenzene
 Concen: 0.198 ppbv
 RT: 16.641 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

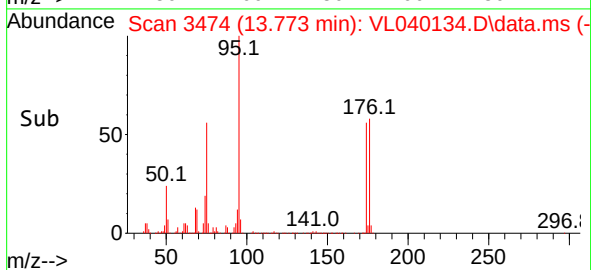
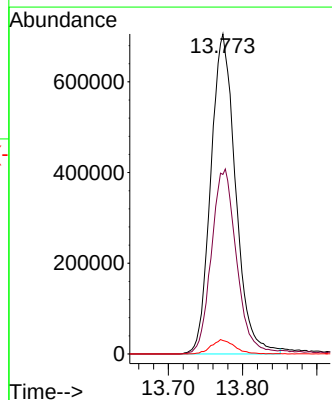
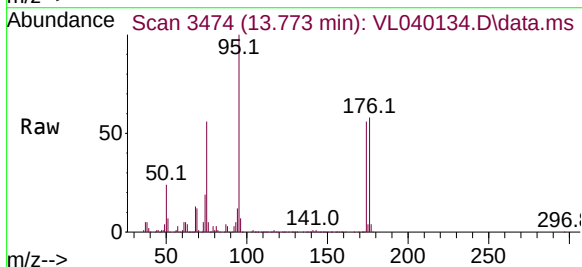
Instrument :
 MSVOA_L
 ClientSampleId :

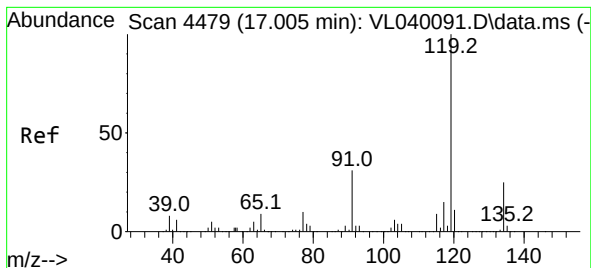
Tgt Ion:105 Resp: 65266
 Ion Ratio Lower Upper
 105 100
 134 30.8 14.1 21.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.900 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.003 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

Tgt Ion: 95 Resp: 1635160
 Ion Ratio Lower Upper
 95 100
 174 59.7 47.7 71.5
 175 4.3 3.4 5.2





#69

p-Isopropyltoluene

Concen: 0.325 ppbv

RT: 17.002 min Scan# 4479

Delta R.T. 0.013 min

Lab File: VL040134.D

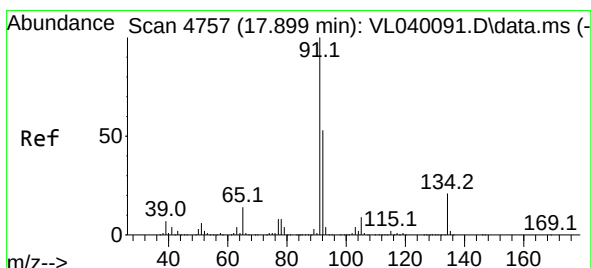
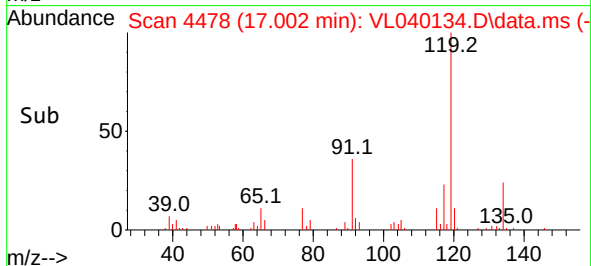
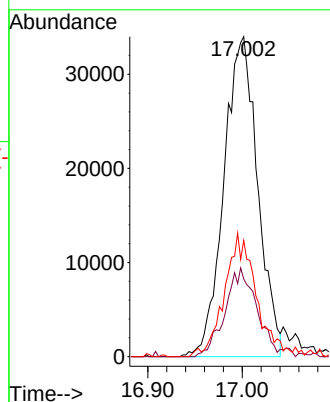
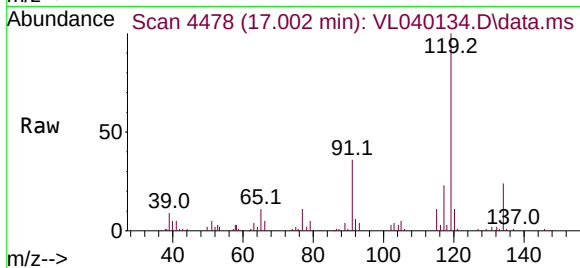
Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	84416
Ion	Ratio	Lower	Upper
119	100		
134	27.1	20.1	30.1
91	35.9	25.0	37.4



#70

n-Butylbenzene

Concen: 0.150 ppbv

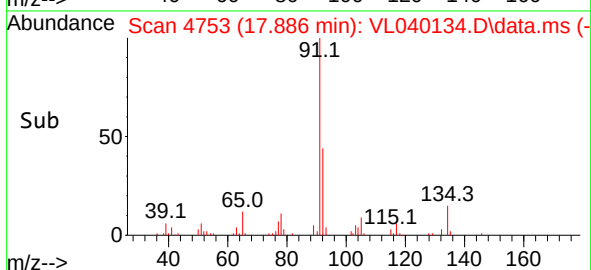
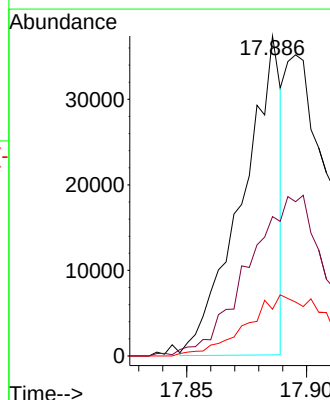
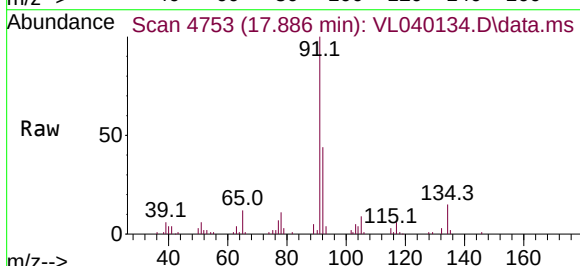
RT: 17.886 min Scan# 4753

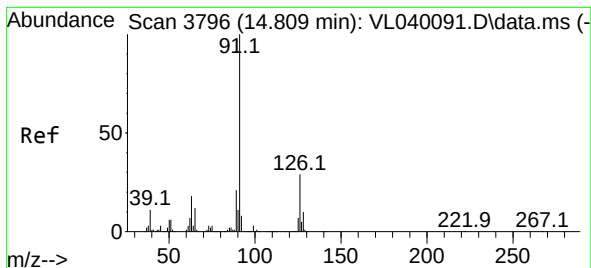
Delta R.T. 0.003 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Tgt Ion:	91	Resp:	41996
Ion	Ratio	Lower	Upper
91	100		
92	0.0	42.8	64.2#
134	43.3	16.9	25.3#





#71

2-Chlorotoluene

Concen: 0.022 ppbv

RT: 15.185 min Scan# 3913

Delta R.T. 0.389 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

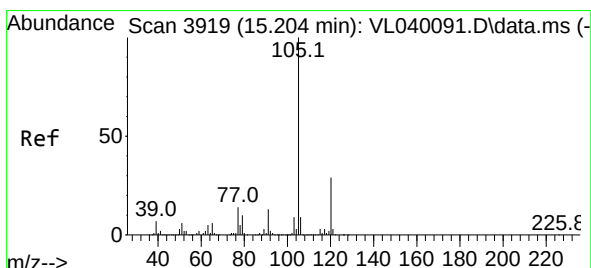
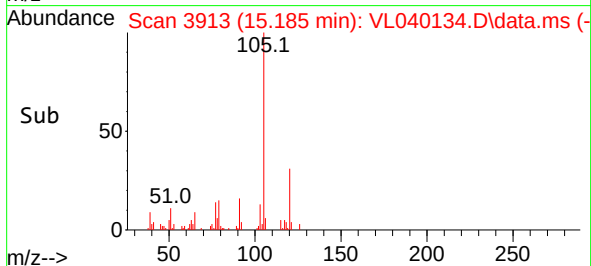
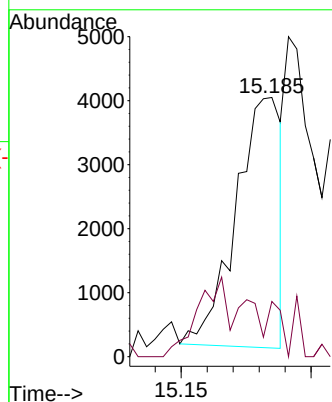
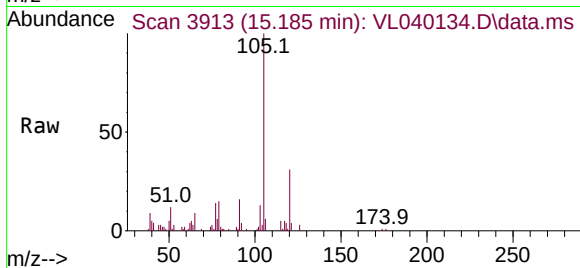
ClientSampleId :

Tgt Ion: 91 Resp: 4700

Ion Ratio Lower Upper

91 100

126 45.4 11.9 47.5



#72

4-Ethyltoluene

Concen: 0.314 ppbv

RT: 15.191 min Scan# 3915

Delta R.T. 0.003 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Tgt Ion: 105 Resp: 65967

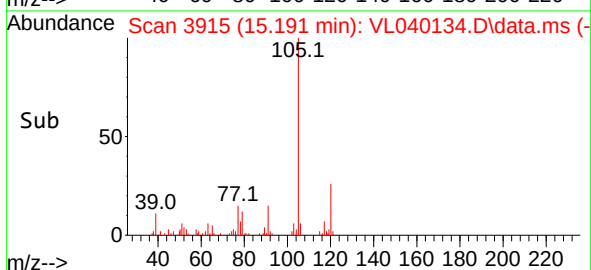
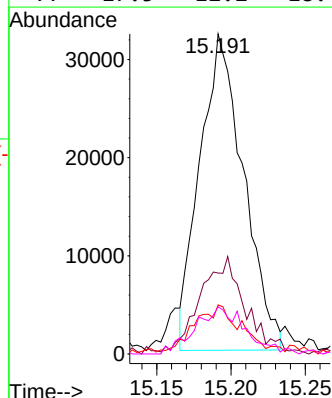
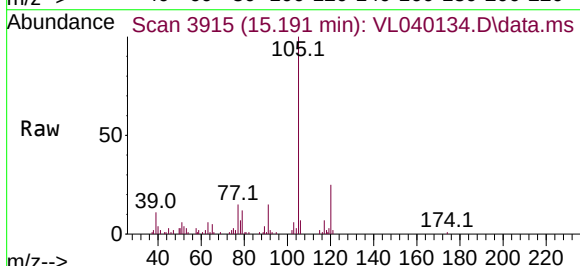
Ion Ratio Lower Upper

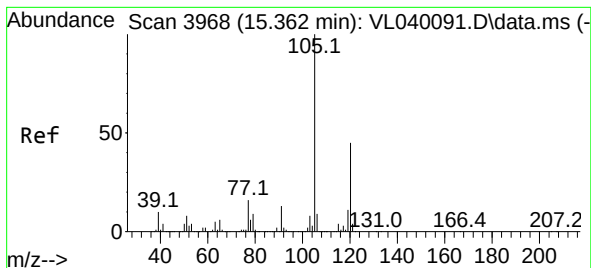
105 100

120 33.5 23.1 34.7

91 19.4 11.2 16.8#

77 17.5 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 0.087 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

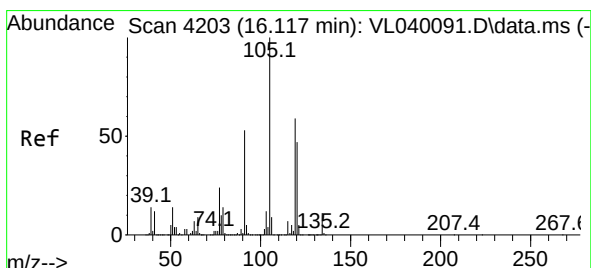
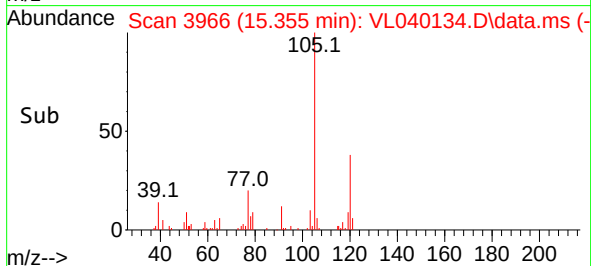
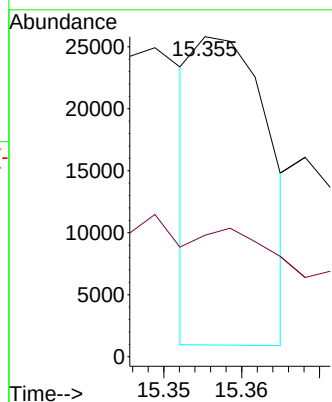
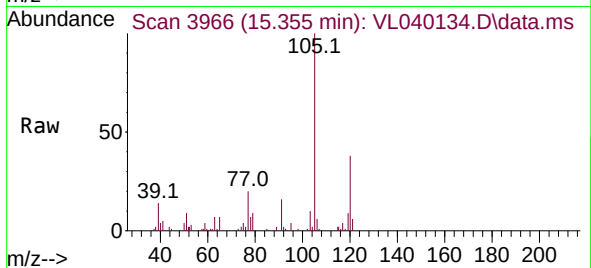
ClientSampleId :

Tgt Ion:105 Resp: 16386

Ion Ratio Lower Upper

105 100

120 15.4 36.2 54.4#



#74

1,2,4-Trimethylbenzene

Concen: 0.161 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.010 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Tgt Ion:105 Resp: 33639

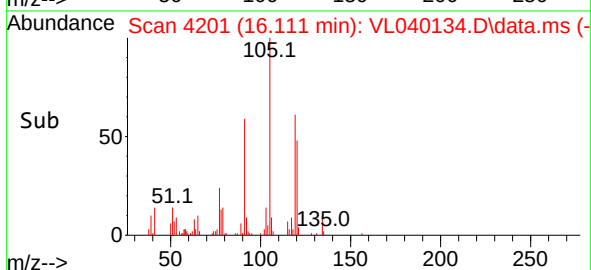
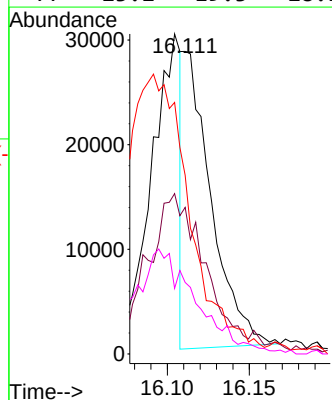
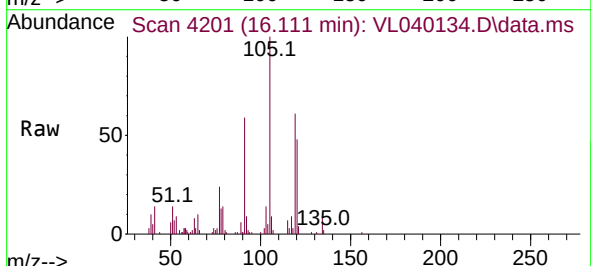
Ion Ratio Lower Upper

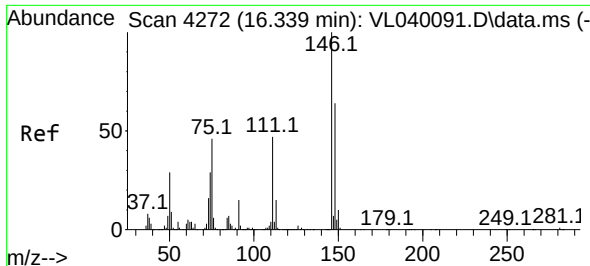
105 100

120 46.9 38.0 57.0

91 57.7 42.1 63.1

77 23.2 19.3 28.9

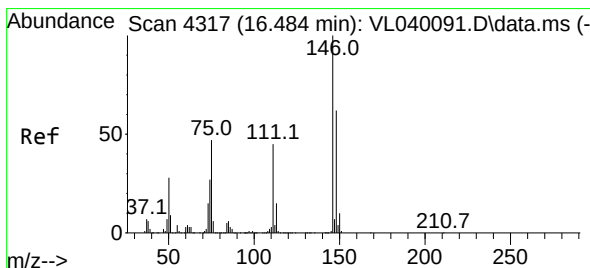
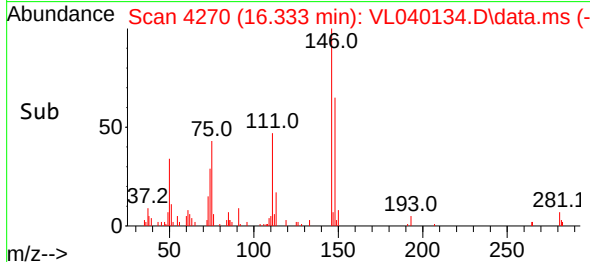
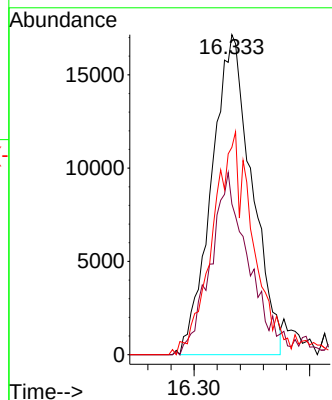
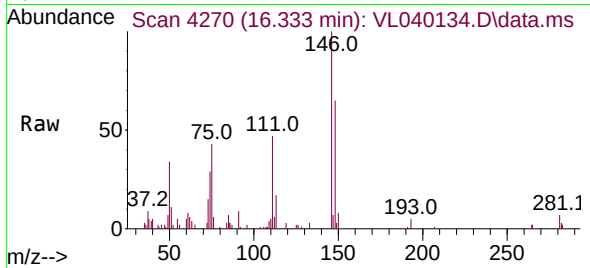




#75
1,3-Dichlorobenzene
Concen: 0.356 ppbv
RT: 16.333 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

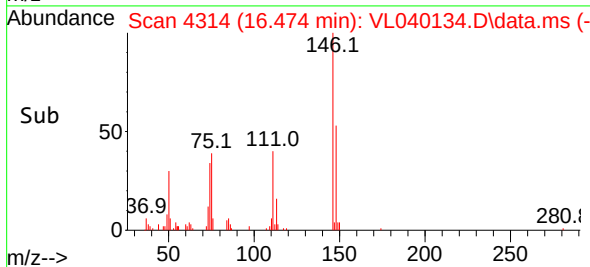
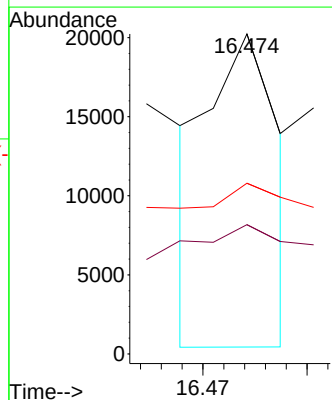
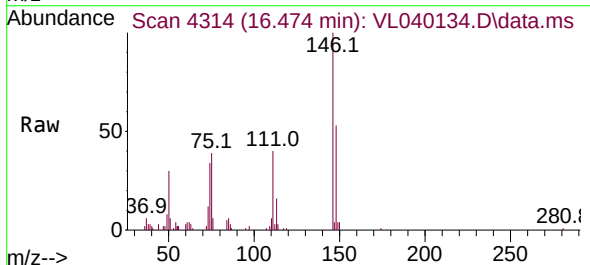
Instrument :
MSVOA_L
ClientSampleId :

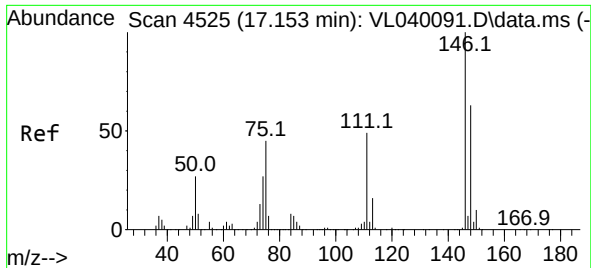
Tgt Ion:146 Resp: 41466
Ion Ratio Lower Upper
146 100
111 56.7 24.3 73.0
148 72.6 32.3 96.8



#76
1,4-Dichlorobenzene
Concen: 0.082 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

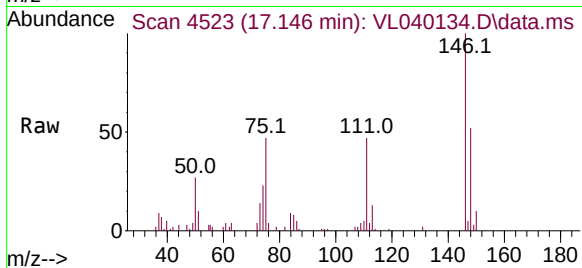
Tgt Ion:146 Resp: 9324
Ion Ratio Lower Upper
146 100
111 211.8 23.8 71.2#
148 305.7 32.8 98.4#



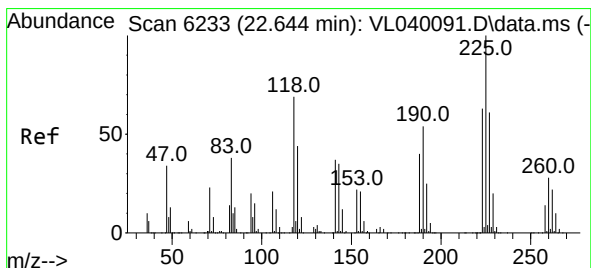
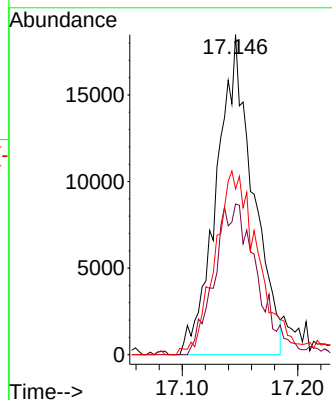
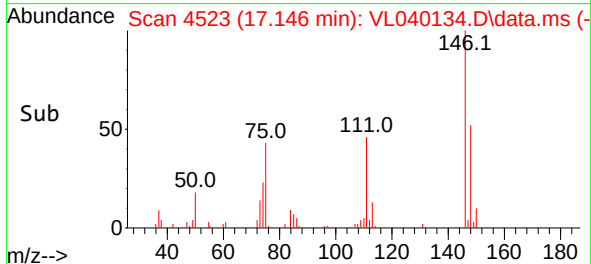


#77
1,2-Dichlorobenzene
Concen: 0.363 ppbv
RT: 17.146 min Scan# 411
Delta R.T. 0.010 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

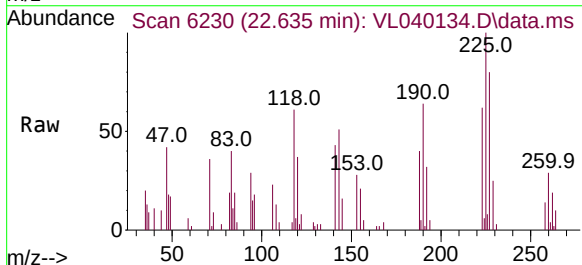
Instrument :
MSVOA_L
ClientSampleId :



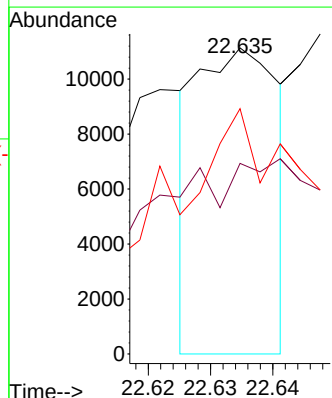
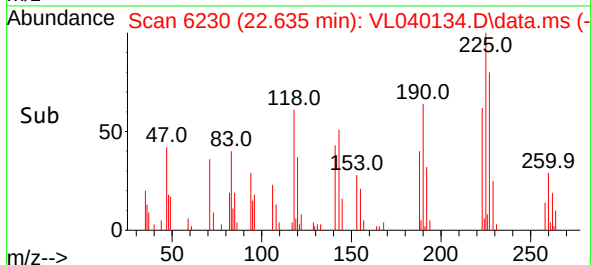
Tgt Ion:146 Resp: 40336
Ion Ratio Lower Upper
146 100
111 56.4 25.1 75.2
148 72.4 32.4 97.0

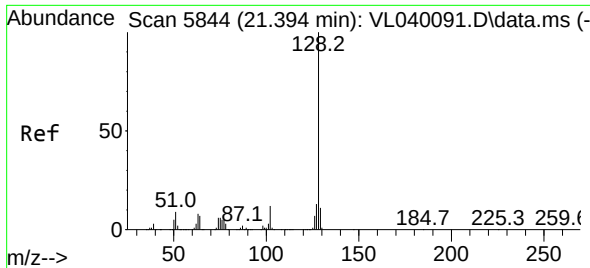


#78
Hexachloro-1,3-Butadiene
Concen: 0.123 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



Tgt Ion:225 Resp: 10064
Ion Ratio Lower Upper
225 100
223 0.0 51.5 77.3#
227 219.9 50.6 76.0#

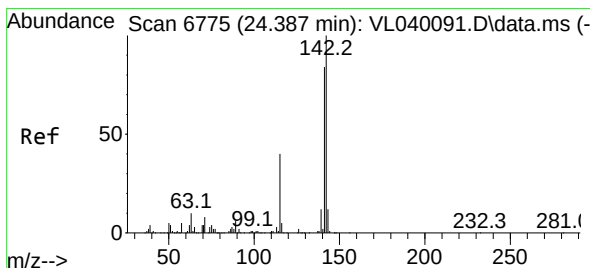
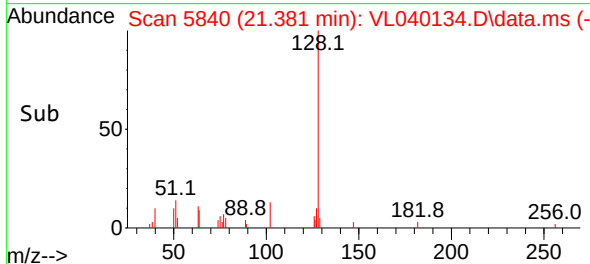
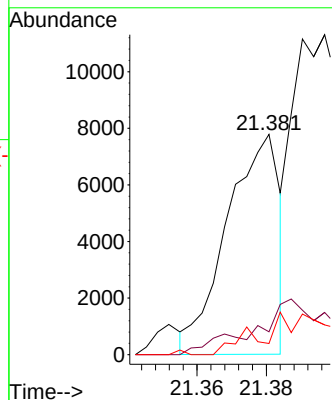
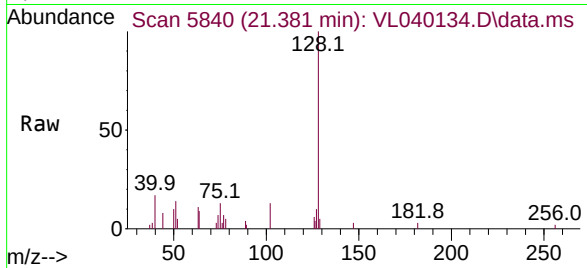




#79
Naphthalene
Concen: 0.068 ppbv
RT: 21.381 min Scan# 5184
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

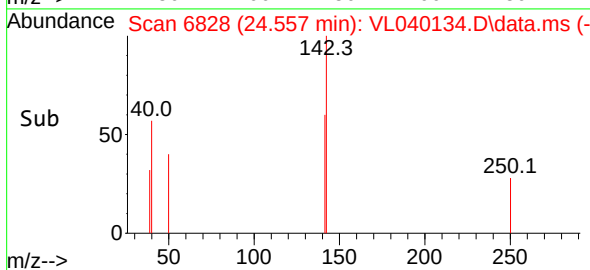
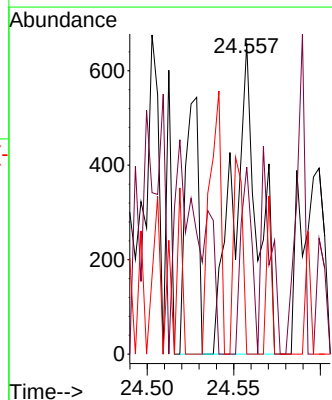
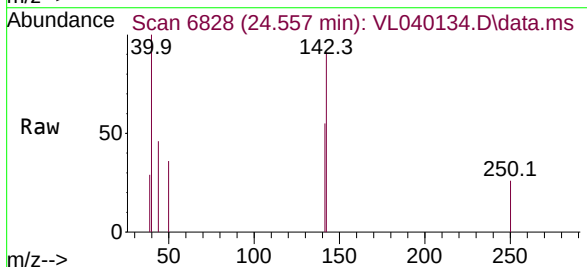
Instrument :
MSVOA_L
ClientSampleId :

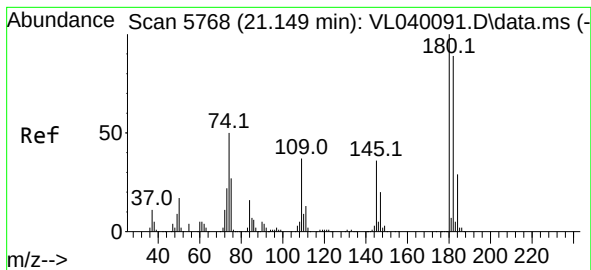
Tgt Ion:128 Resp: 8184
Ion Ratio Lower Upper
128 100
127 11.6 10.3 15.5
129 3.3 8.8 13.2#



#80
Naphthalene,2-methyl-
Concen: 0.023 ppbv
RT: 24.557 min Scan# 6828
Delta R.T. 0.183 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion:142 Resp: 922
Ion Ratio Lower Upper
142 100
141 70.2 65.0 97.6
115 43.8 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 0.129 ppbv

RT: 21.140 min Scan# 51

Delta R.T. 0.006 min

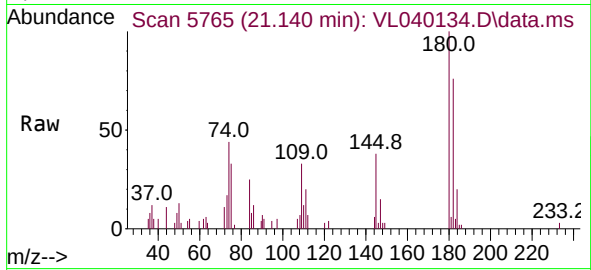
Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 9517

Ion Ratio Lower Upper

180 100

182 0.0 78.6 117.8#

184 0.0 25.1 37.7#

