

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040351.D
 Acq On : 13 Apr 2023 00:42
 Operator : SY/MD
 Sample : VL0412ABS03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS03

Quant Time: Apr 13 08:16:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 11 04:15:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	958379	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2398902	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2865517	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1994240	8.311	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	1402999	7.461	ppbv	99
3) Chlorodifluoromethane	2.661	51	1134666	9.415	ppbv	100
4) Chloromethane	2.800	50	706850	9.499	ppbv	96
5) Vinyl Chloride	2.909	62	616120	10.225	ppbv	97
6) Bromomethane	3.108	94	202268	9.680	ppbv	92
7) Chloroethane	3.189	64	231161	9.993	ppbv	98
8) Dichlorotetrafluoroethane	2.845	85	1575402	9.788	ppbv	99
9) Propene	2.681	41	443677	9.610	ppbv	97
10) Heptane	7.584	43	1141746	10.282	ppbv	99
11) Trichlorofluoromethane	3.555	101	1646427	9.664	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	1140088	8.911	ppbv	97
13) Ethanol	3.234	45	22648	6.689	ppbv	83
14) Bromoethene	3.359	108	487585	10.216	ppbv	98
15) Acetone	3.459	43	1076737	9.228	ppbv	100
16) 1,3-Butadiene	2.973	39	527761	9.951	ppbv	98
17) tert-Butyl alcohol	3.870	59	1125988	10.154	ppbv	100
18) 1,1-Dichloroethene	3.873	96	521531	9.501	ppbv	98
19) Isopropyl Alcohol	3.568	45	531004	9.501	ppbv	99
20) Methylene Chloride	3.925	84	427743	8.714	ppbv	96
21) Allyl Chloride	3.989	41	730176	9.661	ppbv	98
22) trans-1,2-Dichloroethene	4.439	96	523145	9.364	ppbv	95
23) Vinyl Acetate	4.623	43	324679	10.002	ppbv	97
24) 1,1-Dichloroethane	4.558	63	1051546	9.082	ppbv	98
25) Ethyl Acetate	5.201	43	2115775	9.686	ppbv	100
26) Hexane	5.211	57	894221	9.973	ppbv	97
27) Carbon Disulfide	4.118	76	1276028	10.189	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	929550	9.029	ppbv	100
29) Chloroform	5.275	83	1570214	9.917	ppbv	100
30) Cyclohexane	6.603	84	753033	10.658	ppbv	99
31) cis-1,2-Dichloroethene	5.076	61	915783	10.488	ppbv	99
32) 1,1,1-Trichloroethane	6.002	97	1594151	10.509	ppbv	99
34) 2-Butanone	4.783	43	1199933	10.135	ppbv	100
35) Carbon Tetrachloride	6.497	117	1641939	10.907	ppbv	99
36) Benzene	6.375	78	1860182	10.175	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1221244	10.263	ppbv	100
38) Trichloroethene	7.298	130	1130111	11.312	ppbv	98
39) 1,2-Dichloropropane	7.076	63	725898	10.121	ppbv	98
40) 1,4-Dioxane	7.291	88	261568	9.218	ppbv #	1
41) Tetrahydrofuran	5.558	42	673525	9.857	ppbv	99
42) Bromodichloromethane	7.253	83	1688186	10.382	ppbv	96
43) Methyl Methacrylate	7.478	69	738693	10.873	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	3160951	10.370	ppbv	100
45) t-1,3-Dichloropropene	8.719	75	700403	11.826	ppbv	99

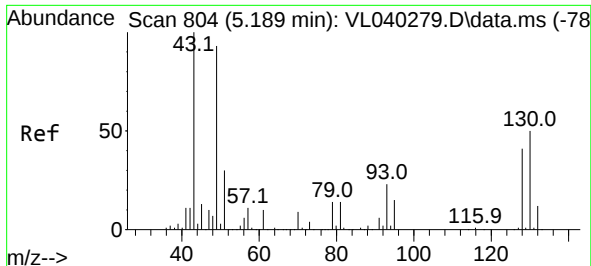
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040351.D
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 11 04:15:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	973165	11.571	ppbv	99
47) 1,1,2-Trichloroethane	8.905	97	775257	10.130	ppbv	98
48) Dibromochloromethane	9.719	129	1313679	10.431	ppbv	100
49) Bromoform	12.423	173	995561	10.525	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	1883496	10.280	ppbv	98
51) 2-Hexanone	9.558	43	1383022	9.744	ppbv	98
52) Tetrachloroethene	10.626	164	601932	10.883	ppbv	98
53) Toluene	9.230	91	2111461	11.021	ppbv	99
54) 1,2-Dibromoethane	10.021	107	833551	10.582	ppbv	91
56) 1,1,1,2-Tetrachloroethane	11.523	131	960670	7.969	ppbv	98
57) Chlorobenzene	11.539	112	1588757	7.794	ppbv	97
58) Ethyl Benzene	12.101	91	2850771	8.737	ppbv	96
59) m/p-Xylene	12.384	91	2851530	9.540	ppbv #	47
60) o-Xylene	13.072	91	2395600	8.384	ppbv	100
61) Styrene	12.912	104	1318580	9.094	ppbv	100
62) Isopropylbenzene	14.043	105	3368696	8.279	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	748820	7.448	ppbv	100
64) n-propylbenzene	14.928	120	863332	8.670	ppbv	98
65) tert-Butylbenzene	16.104	119	3002114	8.562	ppbv	99
66) Benzyl Chloride	16.342	91	198128	8.694	ppbv	100
67) sec-Butylbenzene	16.651	105	4373092	8.720	ppbv	99
69) p-Isopropyltoluene	17.011	119	3550424	9.091	ppbv	100
70) n-Butylbenzene	17.902	91	4001346	9.300	ppbv	100
71) 2-Chlorotoluene	14.812	91	2613120	8.438	ppbv	100
72) 4-Ethyltoluene	15.207	105	2786962	8.921	ppbv	98
73) 1,3,5-Trimethylbenzene	15.365	105	2489677	8.798	ppbv	99
74) 1,2,4-Trimethylbenzene	16.121	105	2793073	8.655	ppbv	92
75) 1,3-Dichlorobenzene	16.346	146	1541619	8.820	ppbv	100
76) 1,4-Dichlorobenzene	16.487	146	1494196	8.963	ppbv	99
77) 1,2-Dichlorobenzene	17.159	146	1517774	9.034	ppbv	100
78) Hexachloro-1,3-Butadiene	22.654	225	1060119	8.604	ppbv	98
79) Naphthalene	21.400	128	2114396	11.076	ppbv	97
80) Naphthalene,2-methyl-	24.387	142	272261	5.631	ppbv	95
81) 1,2,4-Trichlorobenzene	21.156	180	1147229	9.757	ppbv	98

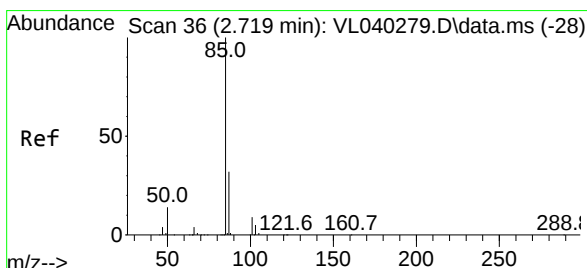
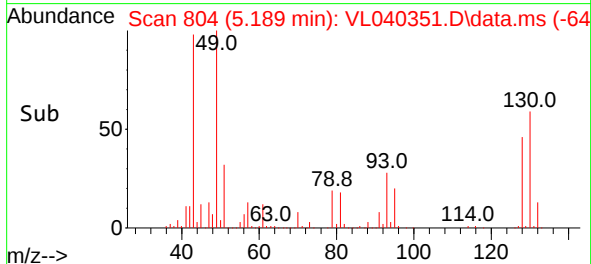
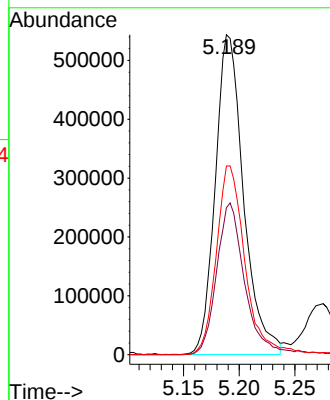
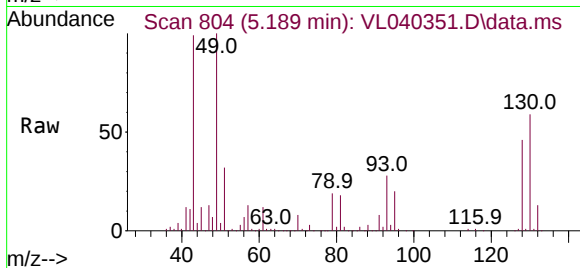
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

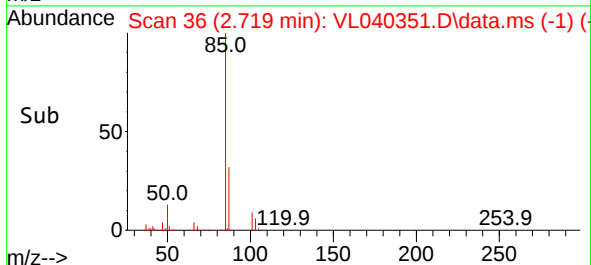
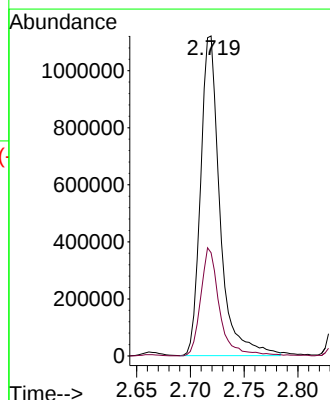
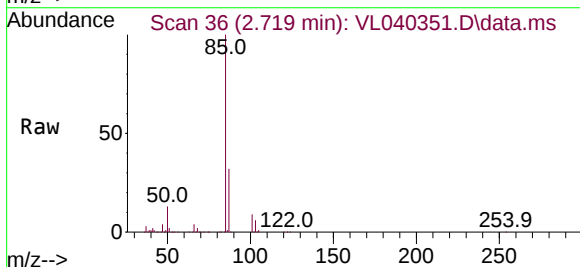
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

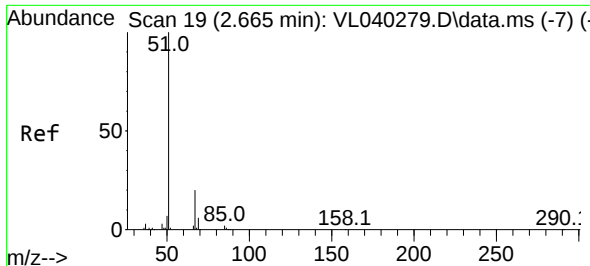
Tgt Ion: 49 Resp: 958379
Ion Ratio Lower Upper
49 100
128 48.5 22.4 67.3
130 60.8 28.7 86.1



#2
Dichlorodifluoromethane
Concen: 7.461 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.000 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 85 Resp: 1402999
Ion Ratio Lower Upper
85 100
87 32.3 25.5 38.3

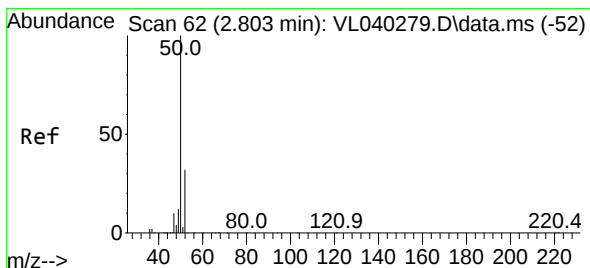
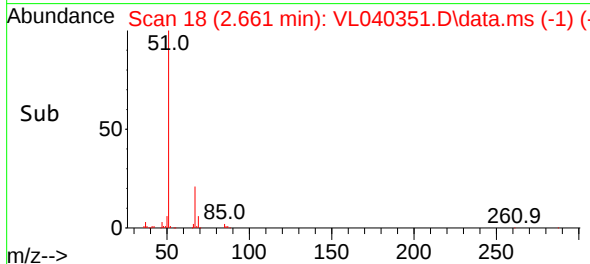
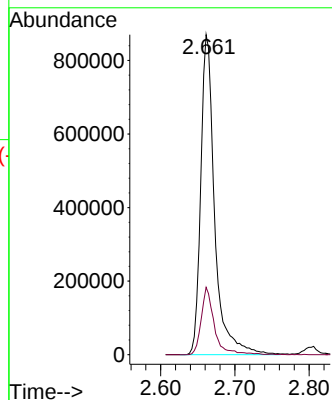
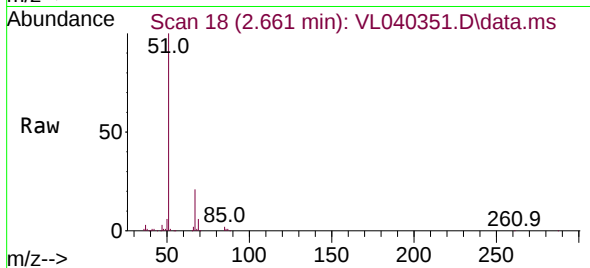




#3
Chlorodifluoromethane
Concen: 9.415 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

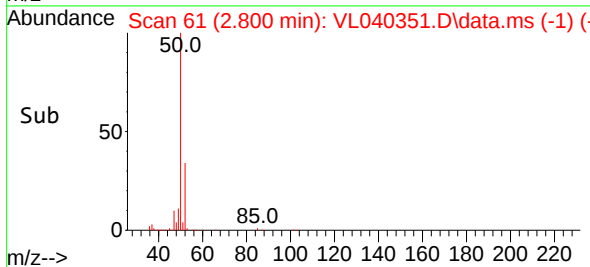
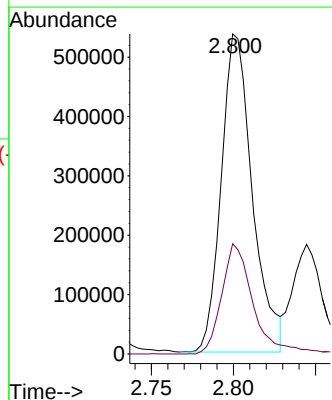
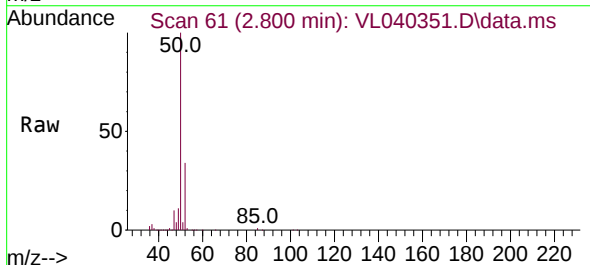
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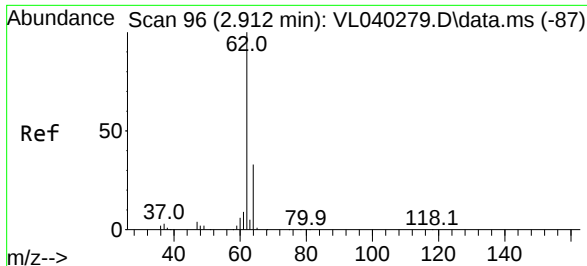
Tgt Ion: 51 Resp: 1134666
Ion Ratio Lower Upper
51 100
67 20.0 16.0 24.0



#4
Chloromethane
Concen: 9.499 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 50 Resp: 706850
Ion Ratio Lower Upper
50 100
52 34.7 25.9 38.9

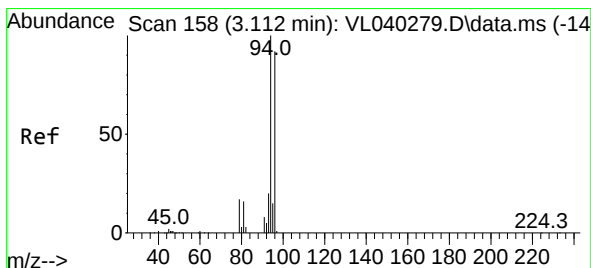
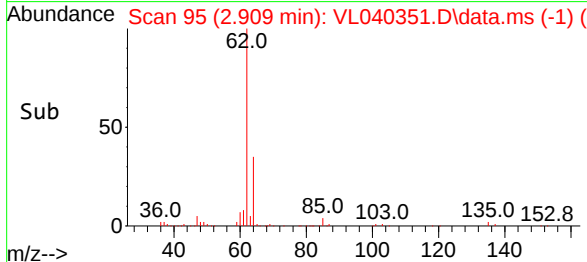
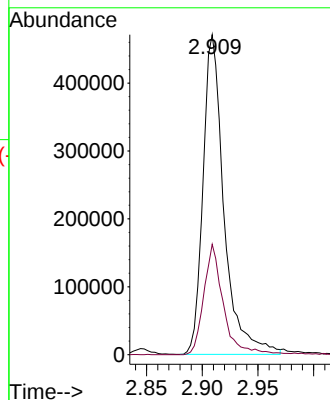
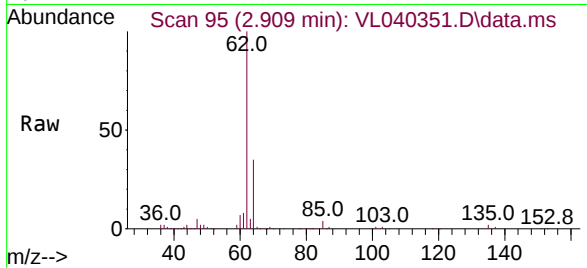




#5
 Vinyl Chloride
 Concen: 10.225 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

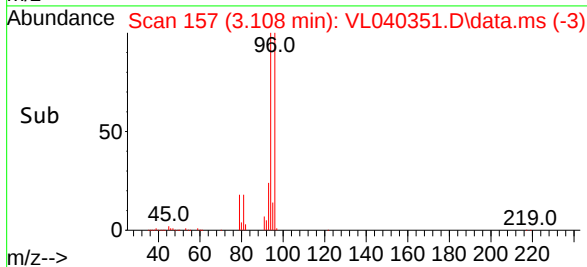
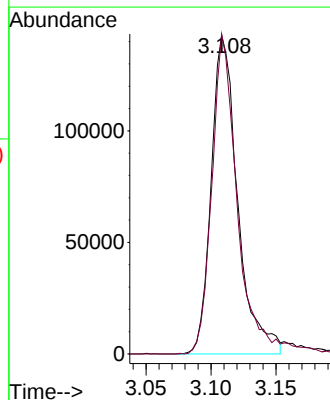
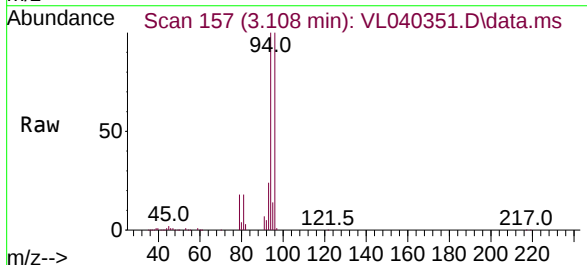
Instrument :
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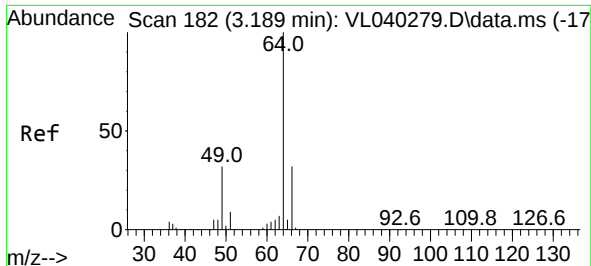
Tgt Ion: 62 Resp: 616120
 Ion Ratio Lower Upper
 62 100
 64 34.5 26.4 39.6



#6
 Bromomethane
 Concen: 9.680 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.004 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

Tgt Ion: 94 Resp: 202268
 Ion Ratio Lower Upper
 94 100
 96 100.2 73.7 110.5

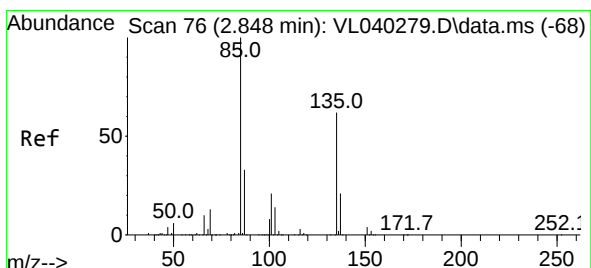
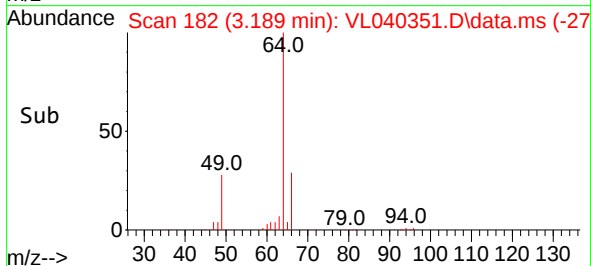
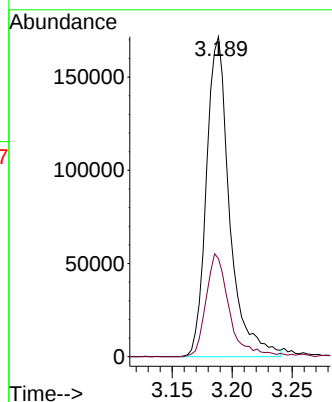
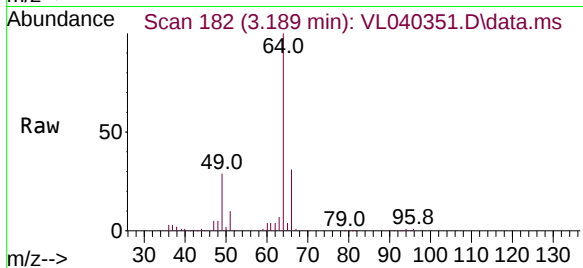




#7
Chloroethane
Concen: 9.993 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

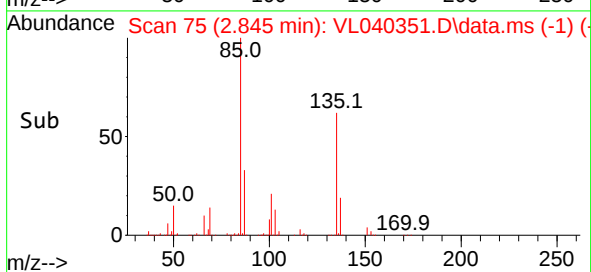
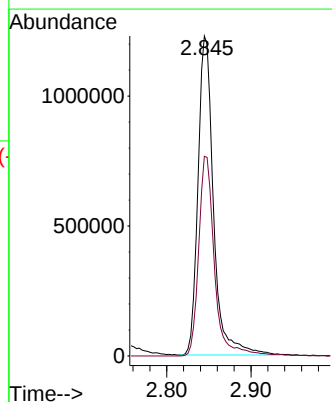
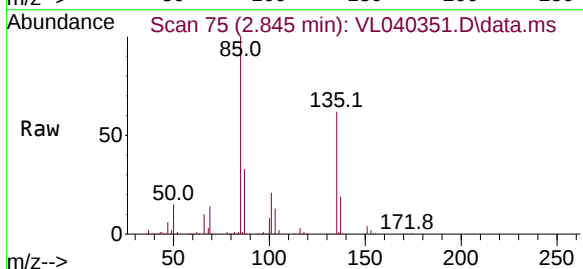
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

Tgt Ion: 64 Resp: 231161
Ion Ratio Lower Upper
64 100
66 30.7 25.5 38.3

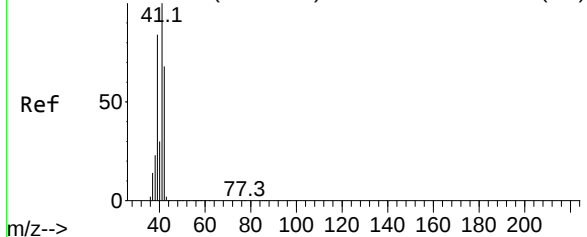


#8
Dichlorotetrafluoroethane
Concen: 9.788 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 85 Resp: 1575402
Ion Ratio Lower Upper
85 100
135 64.1 52.0 78.0



Abundance Scan 25 (2.684 min): VL040279.D\data.ms (-15)



#9

Propene

Concen: 9.610 ppbv

RT: 2.681 min Scan# 24

Delta R.T. -0.003 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS03

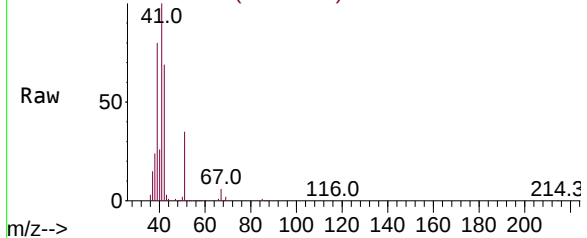
Tgt Ion: 41 Resp: 443677

Ion Ratio Lower Upper

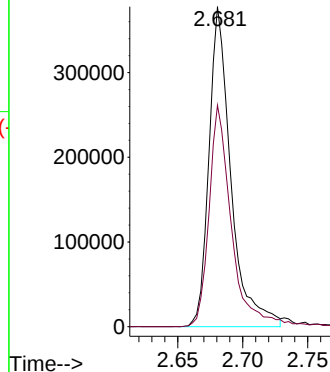
41 100

42 71.6 59.0 88.4

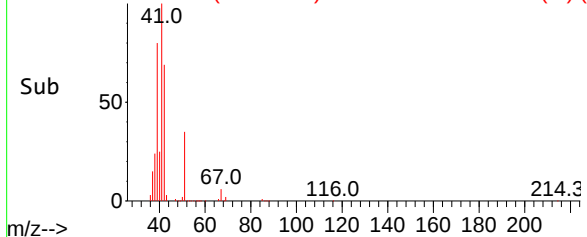
Abundance Scan 24 (2.681 min): VL040351.D\data.ms



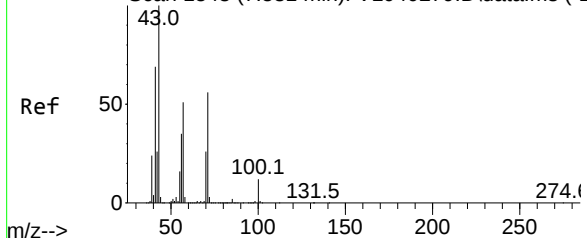
Abundance



Abundance Scan 24 (2.681 min): VL040351.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL040279.D\data.ms (-1)



#10

Heptane

Concen: 10.282 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.003 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

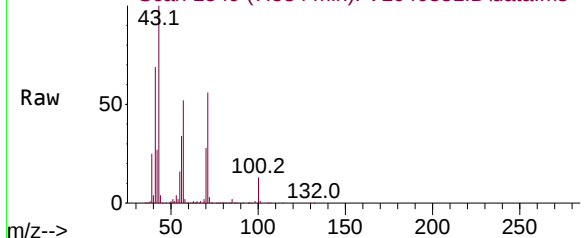
Tgt Ion: 43 Resp: 1141746

Ion Ratio Lower Upper

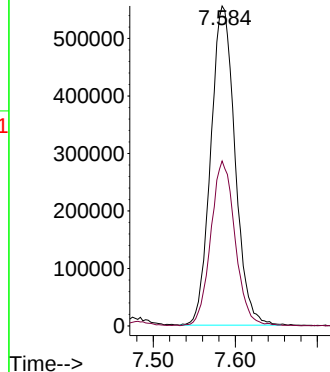
43 100

57 51.6 41.7 62.5

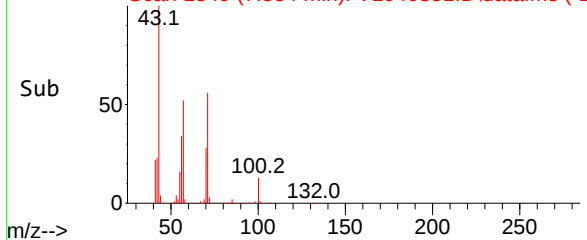
Abundance Scan 1549 (7.584 min): VL040351.D\data.ms

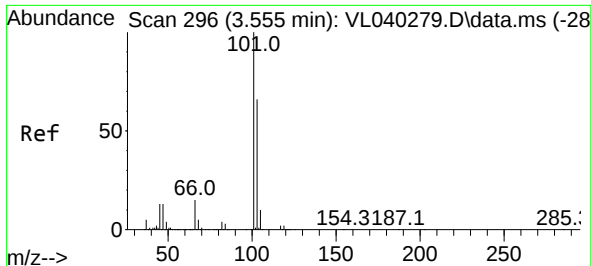


Abundance



Abundance Scan 1549 (7.584 min): VL040351.D\data.ms (-1)

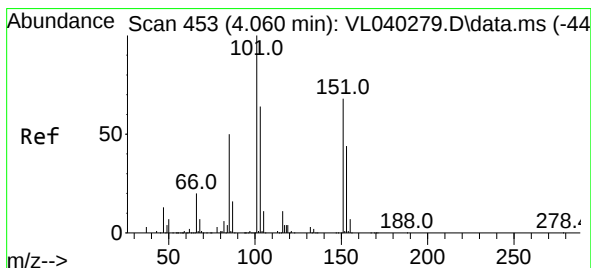
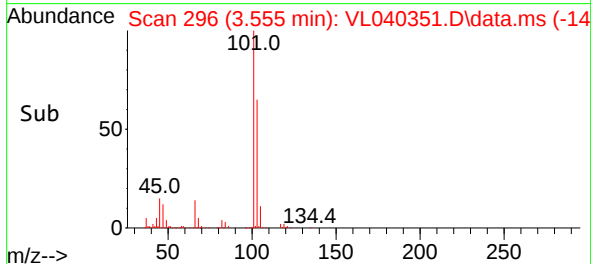
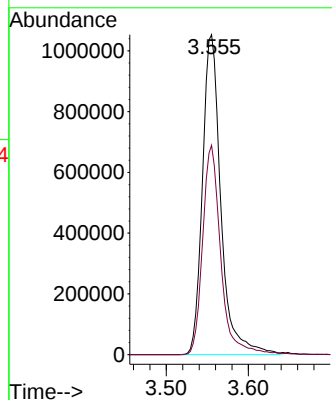
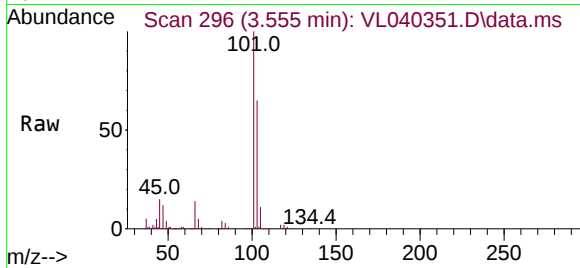




#11
 Trichlorofluoromethane
 Concen: 9.664 ppbv
 RT: 3.555 min Scan# 296
 Delta R.T. 0.000 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

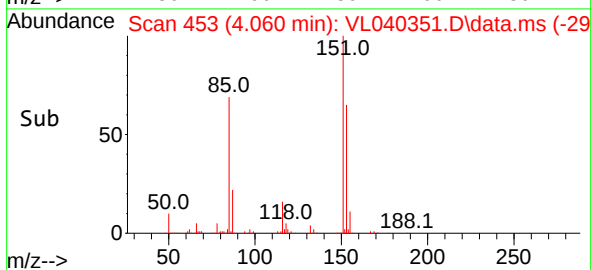
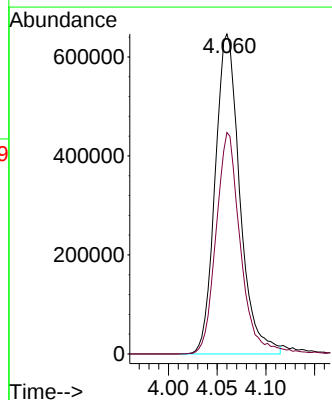
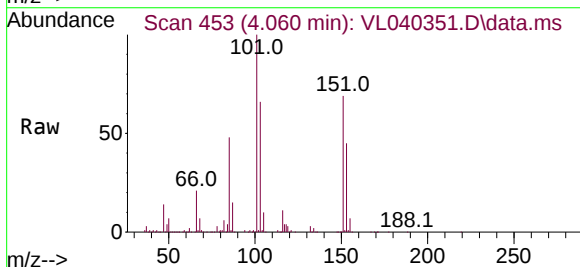
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS03

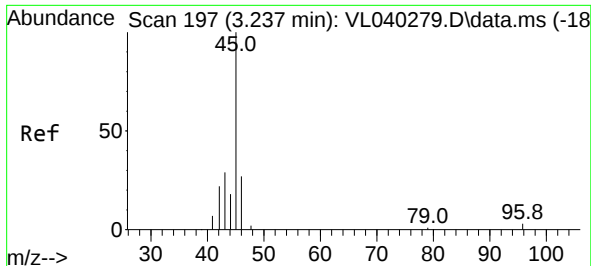
Tgt Ion:101 Resp: 1646427
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.911 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.000 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

Tgt Ion:101 Resp: 1140088
 Ion Ratio Lower Upper
 101 100
 151 69.1 53.2 79.8

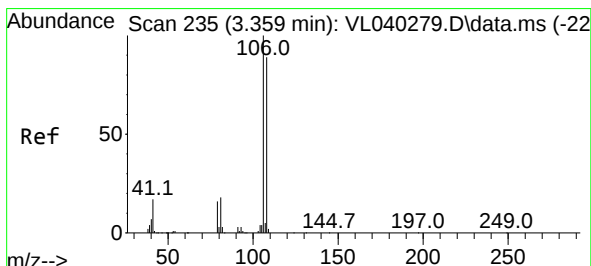
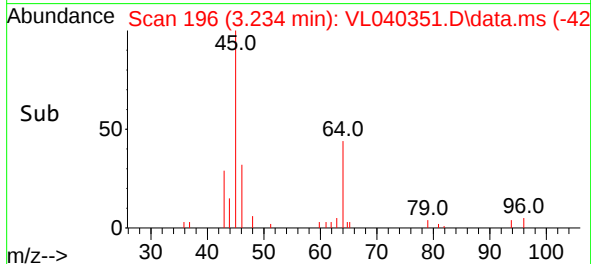
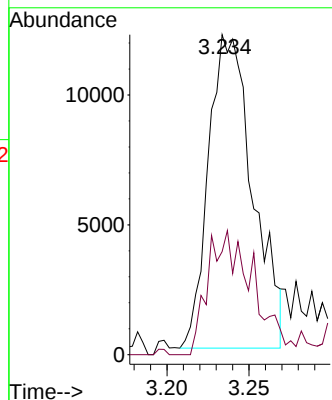
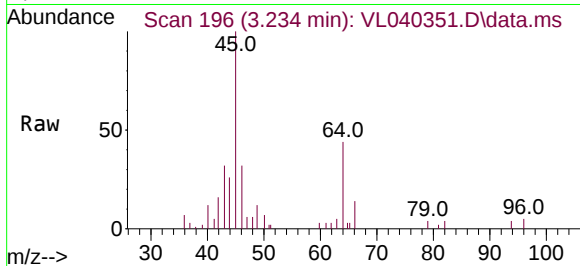




#13
Ethanol
Concen: 6.689 ppbv
RT: 3.234 min Scan# 197
Delta R.T. -0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

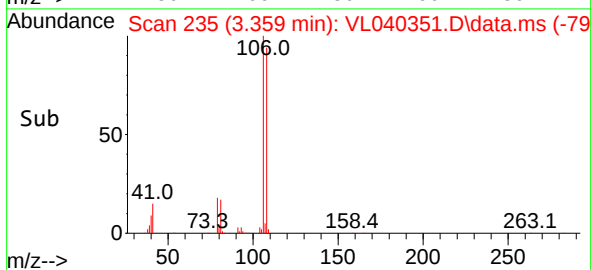
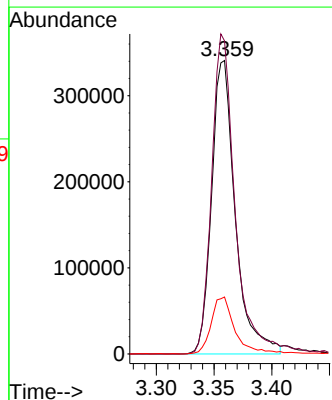
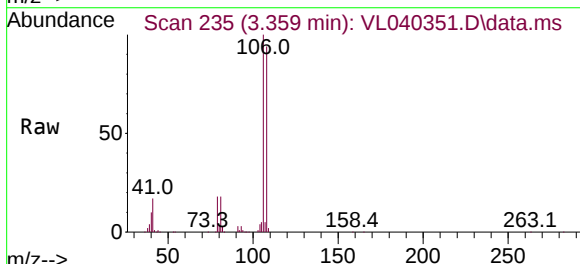
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

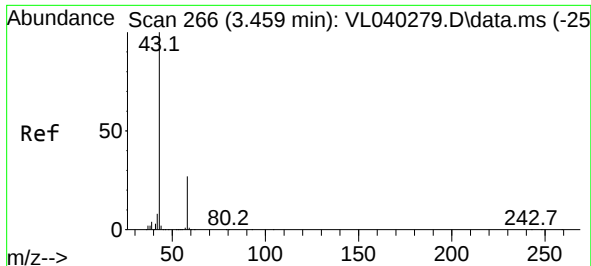
Tgt Ion: 45 Resp: 22648
Ion Ratio Lower Upper
45 100
46 47.5 15.0 60.2



#14
Bromoethene
Concen: 10.216 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.000 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 108 Resp: 487585
Ion Ratio Lower Upper
108 100
106 110.0 85.8 128.8
79 20.1 15.8 23.6

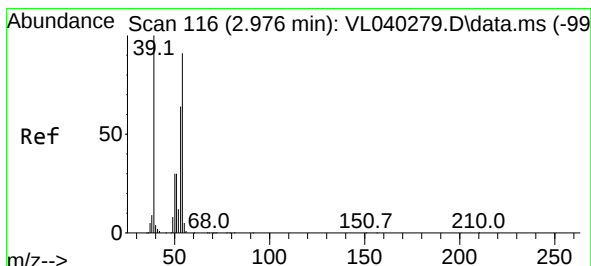
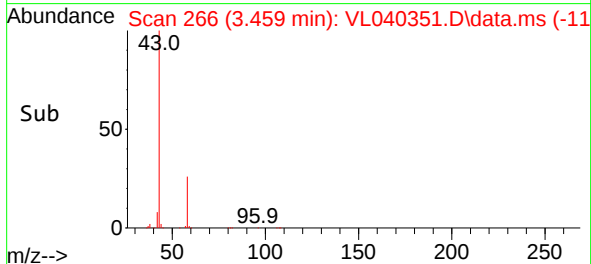
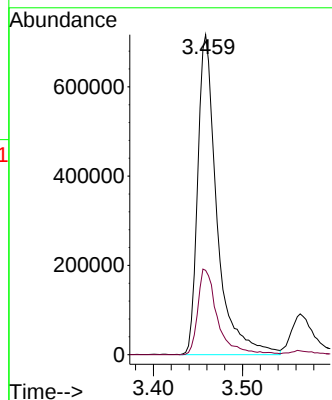
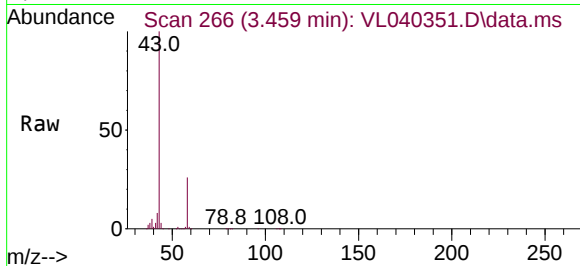




#15
Acetone
Concen: 9.228 ppbv
RT: 3.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

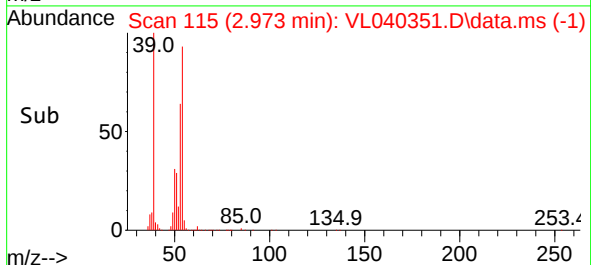
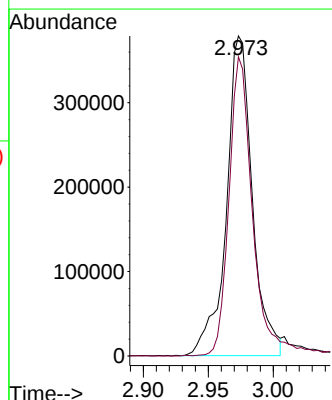
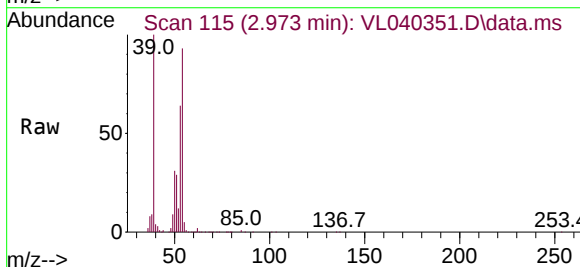
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

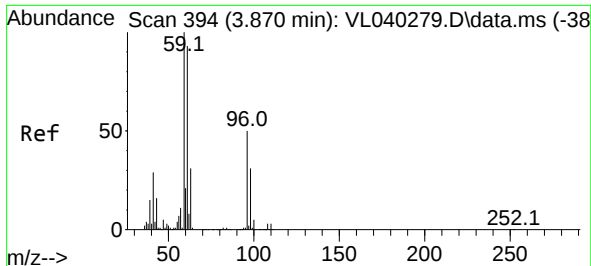
Tgt Ion: 43 Resp: 1076737
Ion Ratio Lower Upper
43 100
58 27.5 21.8 32.8



#16
1,3-Butadiene
Concen: 9.951 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 39 Resp: 527761
Ion Ratio Lower Upper
39 100
54 87.3 68.4 102.6





#17

tert-Butyl alcohol

Concen: 10.154 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

Instrument :

MSVOA_L

ClientSampleId :

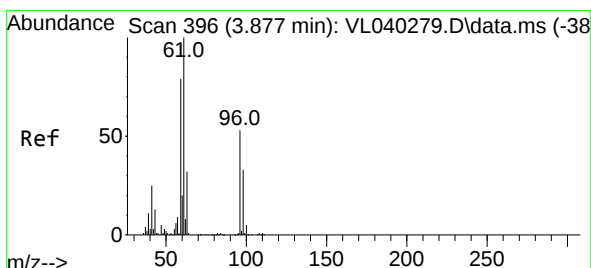
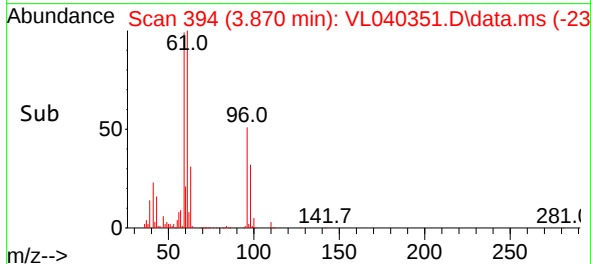
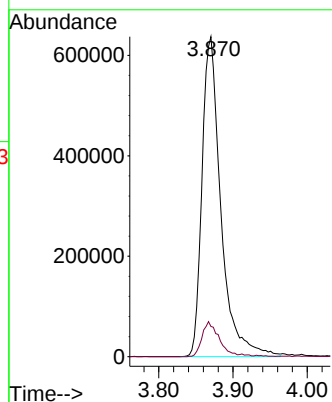
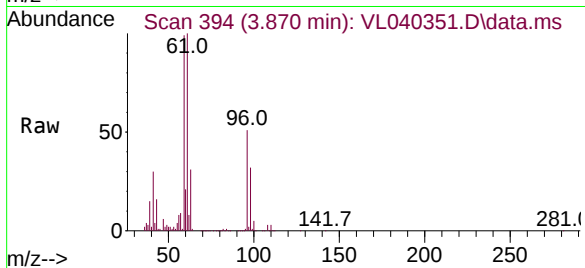
VL0412ABS03

Tgt Ion: 59 Resp: 1125988

Ion Ratio Lower Upper

59 100

57 10.4 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.501 ppbv

RT: 3.873 min Scan# 395

Delta R.T. -0.004 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

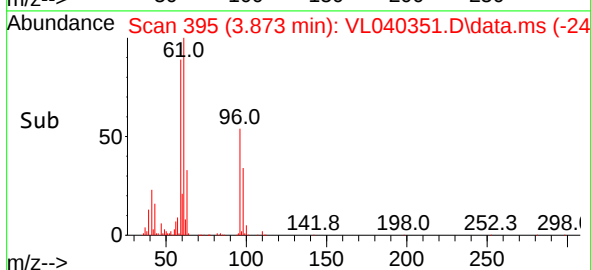
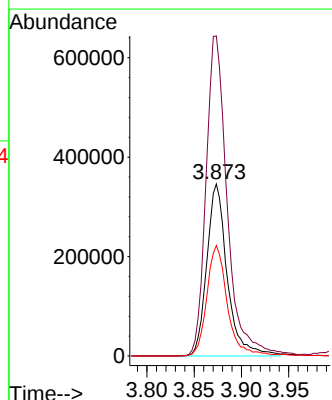
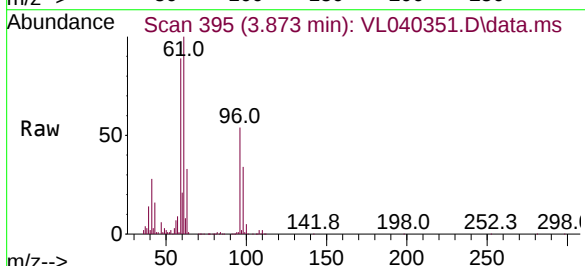
Tgt Ion: 96 Resp: 521531

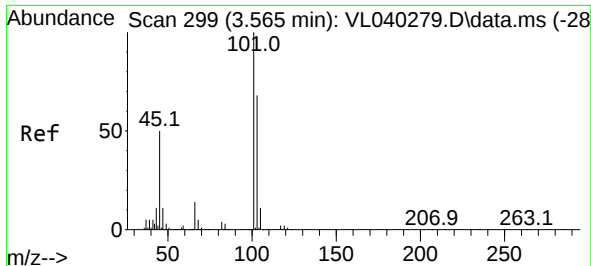
Ion Ratio Lower Upper

96 100

61 185.9 150.6 226.0

98 64.2 50.3 75.5

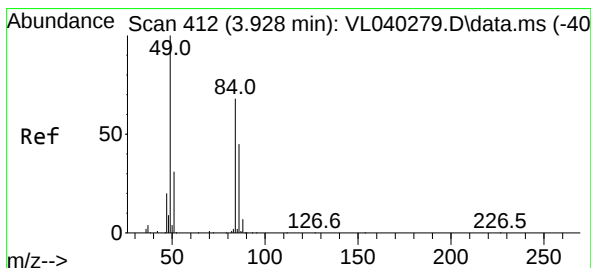
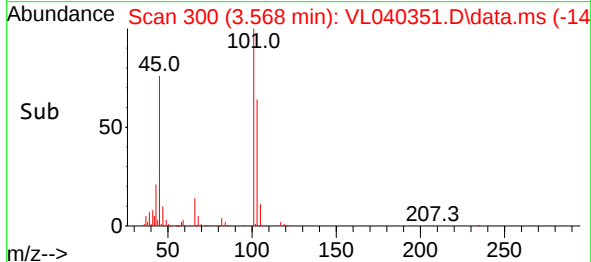
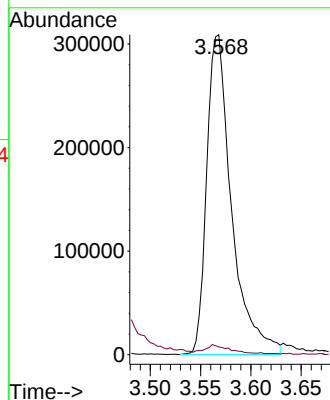
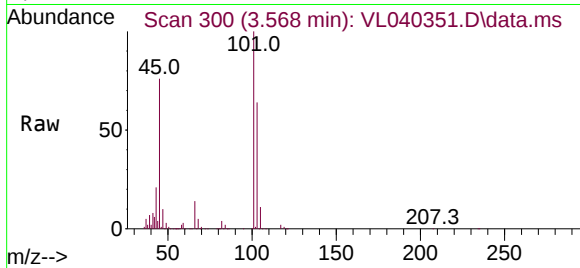




#19
Isopropyl Alcohol
Concen: 9.501 ppbv
RT: 3.568 min Scan# 300
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

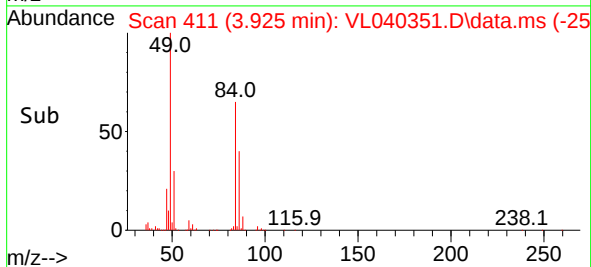
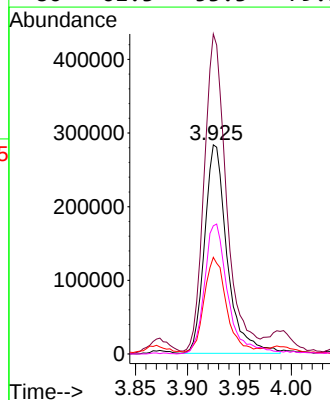
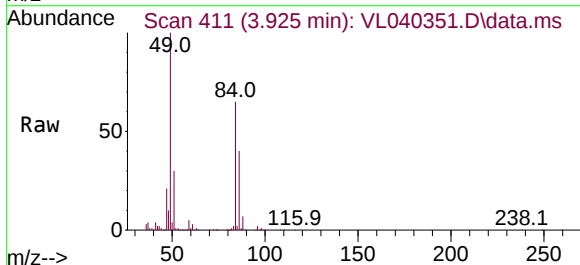
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

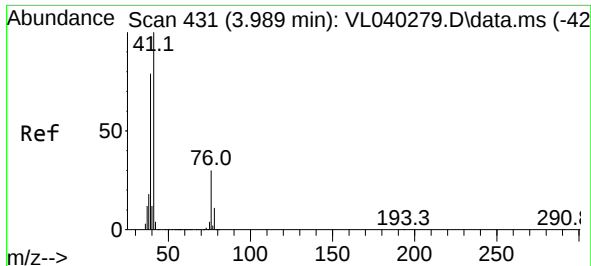
Tgt Ion: 45 Resp: 531004
Ion Ratio Lower Upper
45 100
58 3.6 2.7 4.1



#20
Methylene Chloride
Concen: 8.714 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 84 Resp: 427743
Ion Ratio Lower Upper
84 100
49 152.0 117.5 176.3
51 45.1 36.9 55.3
86 61.3 53.3 79.9

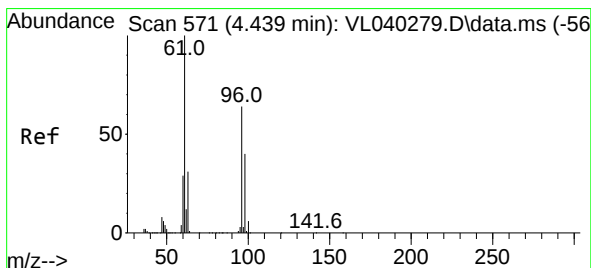
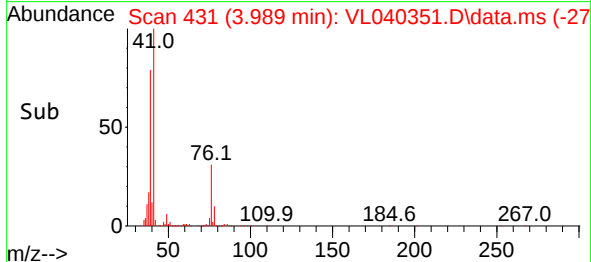
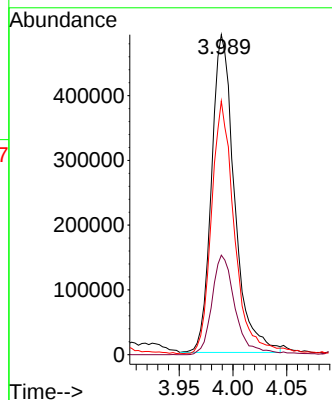
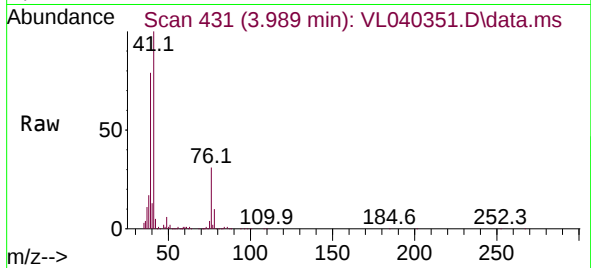




#21
 Allyl Chloride
 Concen: 9.661 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

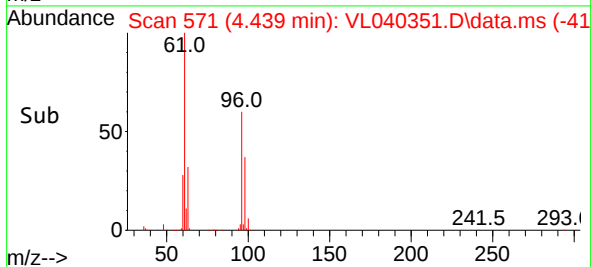
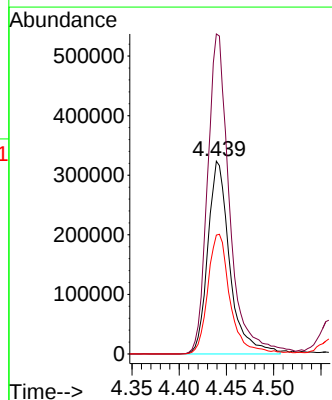
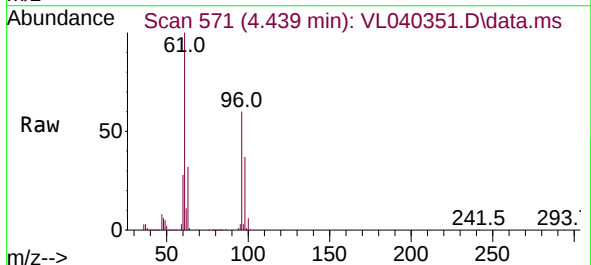
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS03

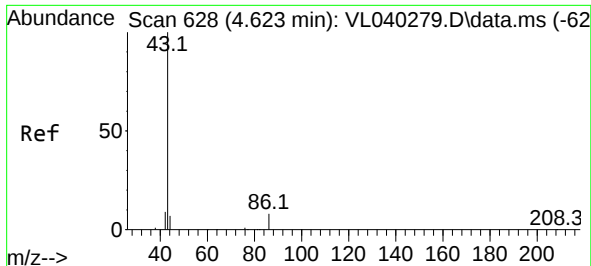
Tgt Ion: 41 Resp: 730176
 Ion Ratio Lower Upper
 41 100
 76 32.0 25.4 38.0
 39 79.6 65.4 98.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.364 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

Tgt Ion: 96 Resp: 523145
 Ion Ratio Lower Upper
 96 100
 61 166.0 125.4 188.2
 98 61.7 49.8 74.6



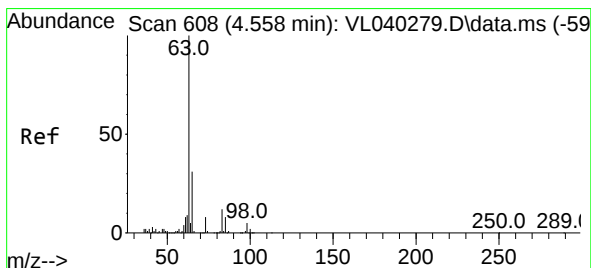
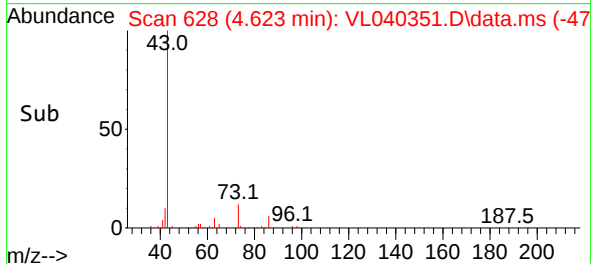
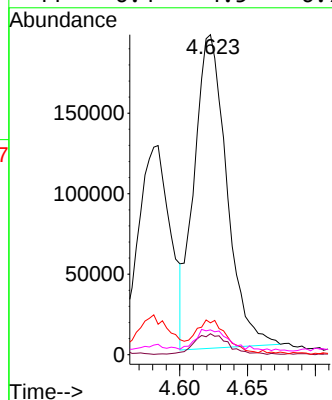
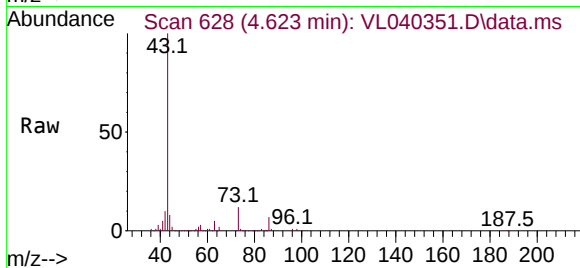


#23
 Vinyl Acetate
 Concen: 10.002 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0412ABS03

Tgt Ion: 43 Resp: 324679

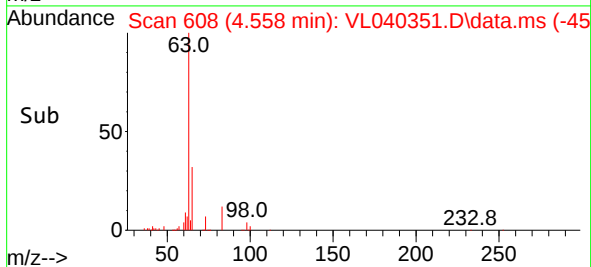
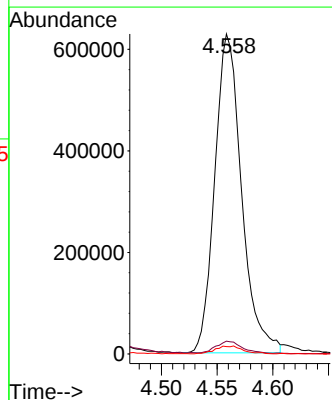
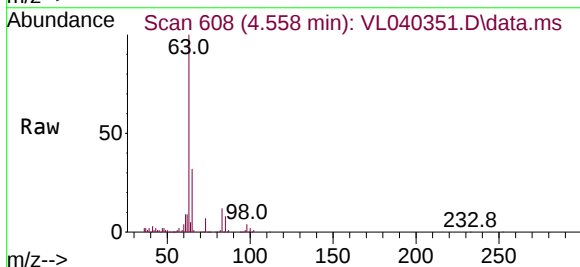
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.0	7.4
42	9.5	9.1	13.7
44	6.4	4.5	6.7

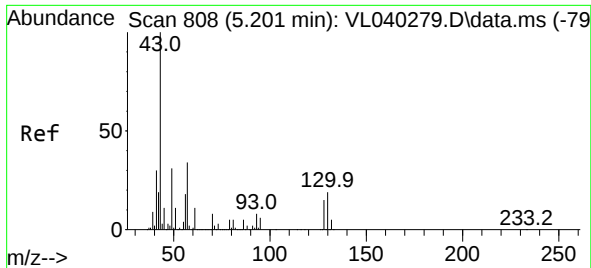


#24
 1,1-Dichloroethane
 Concen: 9.082 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

Tgt Ion: 63 Resp: 1051546

Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.4	7.2
100	2.2	1.2	3.6



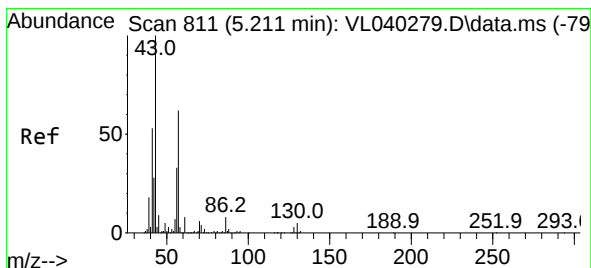
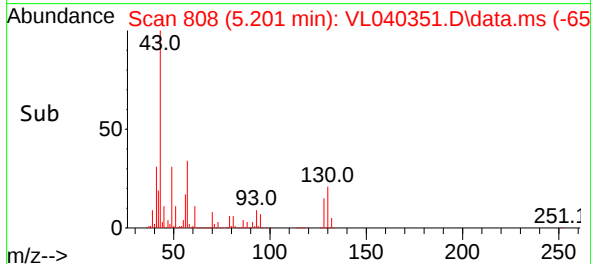
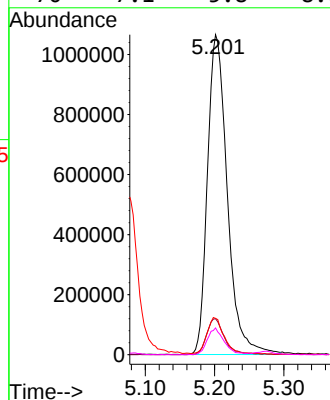
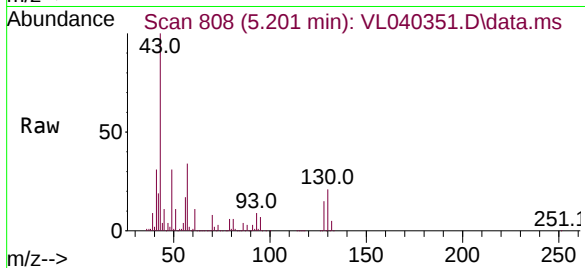


#25
Ethyl Acetate
Concen: 9.686 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

Tgt Ion: 43 Resp: 2115775

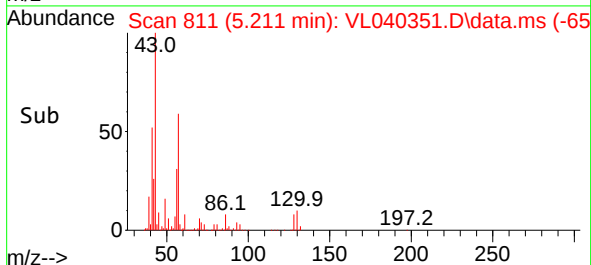
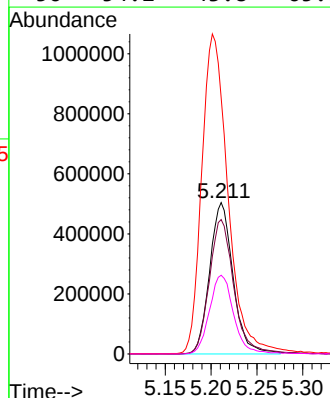
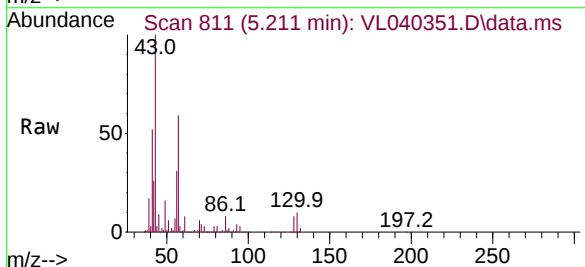
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.6	12.8
61	10.5	8.4	12.6
70	7.1	5.8	8.6

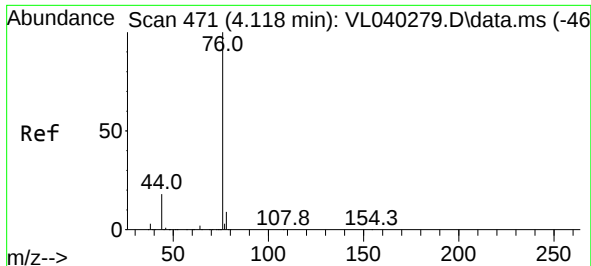


#26
Hexane
Concen: 9.973 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 57 Resp: 894221

Ion	Ratio	Lower	Upper
57	100		
41	93.4	73.5	110.3
43	238.1	196.3	294.5
56	54.2	43.8	65.8





#27

Carbon Disulfide

Concen: 10.189 ppbv

RT: 4.118 min Scan# 471

Delta R.T. -0.000 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS03

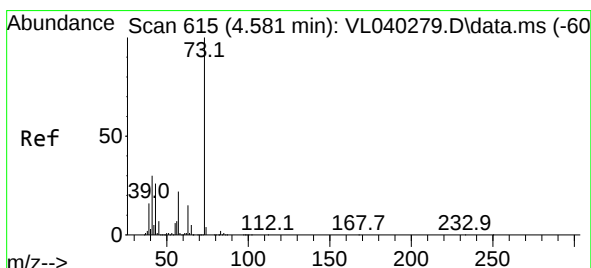
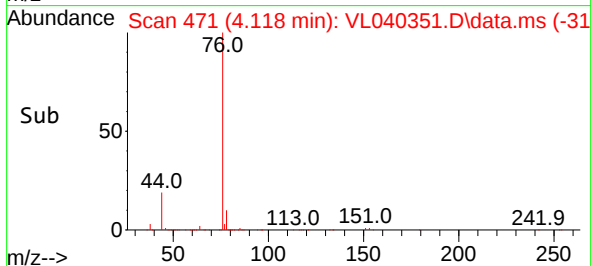
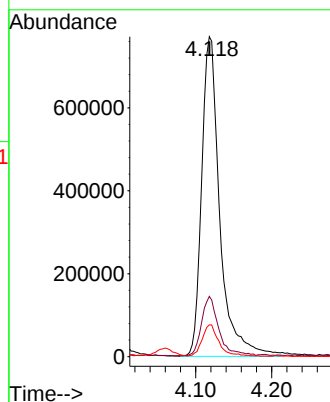
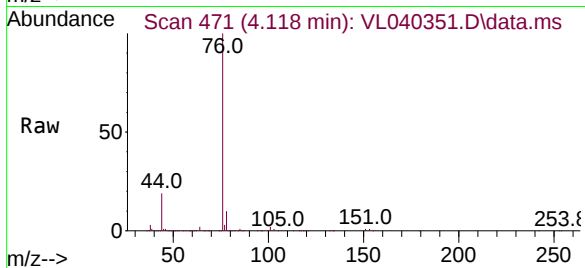
Tgt Ion: 76 Resp: 1276028

Ion Ratio Lower Upper

76 100

44 18.2 15.2 22.8

78 9.5 7.6 11.4



#28

Methyl tert-Butyl Ether

Concen: 9.029 ppbv

RT: 4.584 min Scan# 616

Delta R.T. 0.003 min

Lab File: VL040351.D

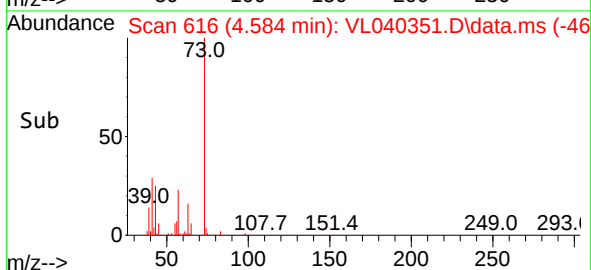
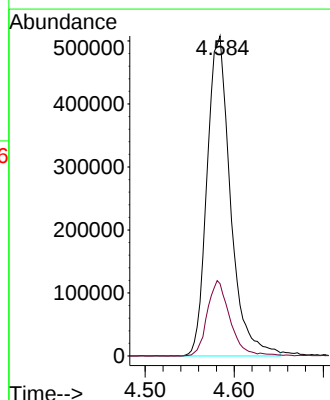
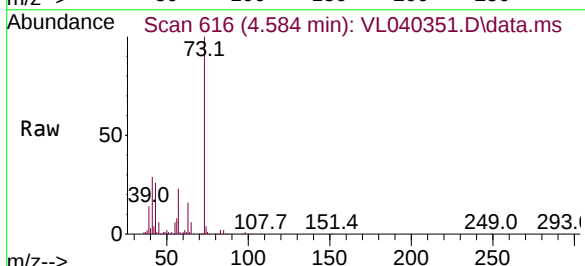
Acq: 13 Apr 2023 00:42

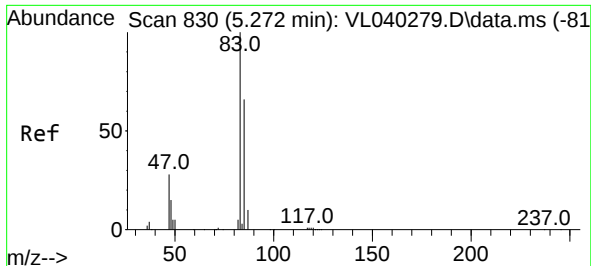
Tgt Ion: 73 Resp: 929550

Ion Ratio Lower Upper

73 100

57 23.2 18.4 27.6





#29

Chloroform

Concen: 9.917 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

Instrument :

MSVOA_L

ClientSampleId :

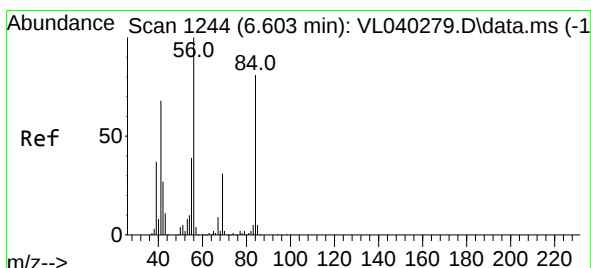
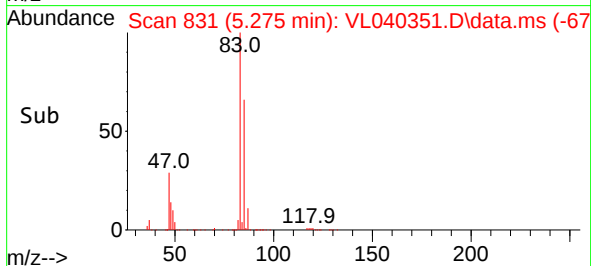
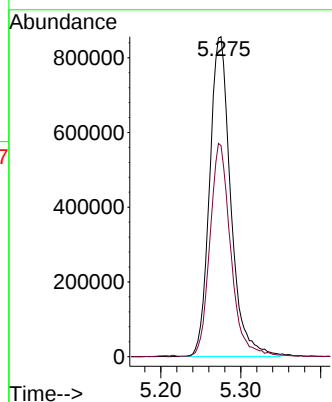
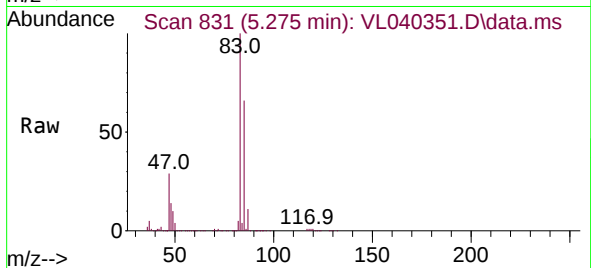
VL0412ABS03

Tgt Ion: 83 Resp: 1570214

Ion Ratio Lower Upper

83 100

85 65.8 52.8 79.2



#30

Cyclohexane

Concen: 10.658 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.000 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

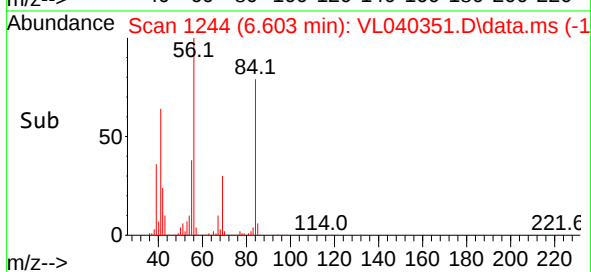
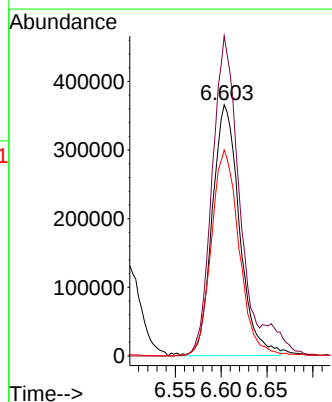
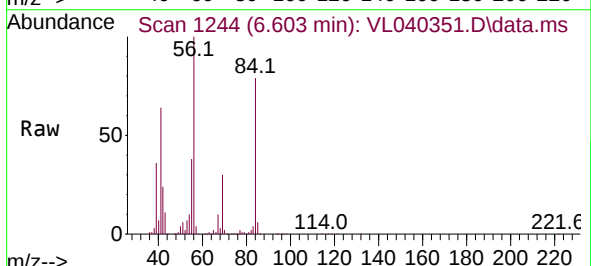
Tgt Ion: 84 Resp: 753033

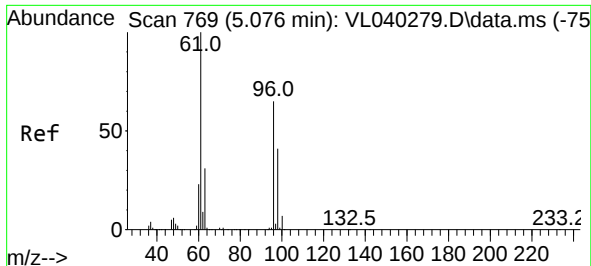
Ion Ratio Lower Upper

84 100

56 134.0 109.0 163.4

41 84.8 67.9 101.9

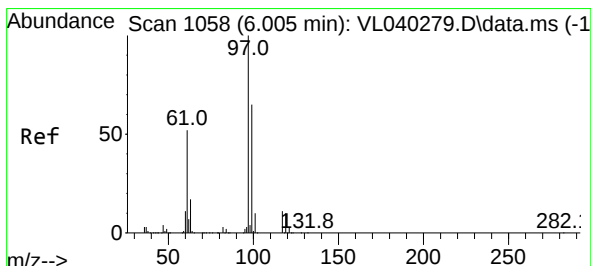
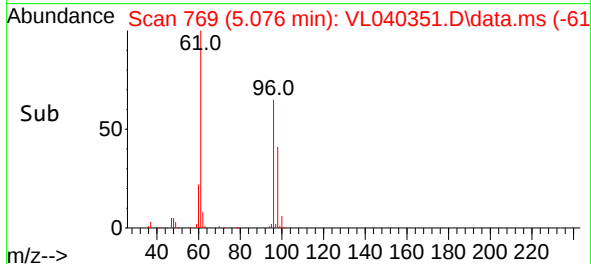
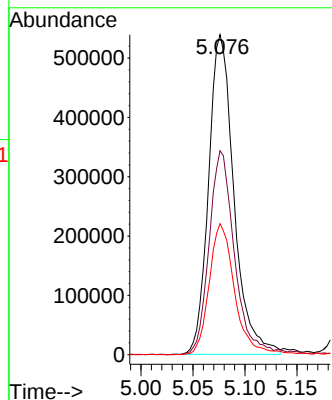
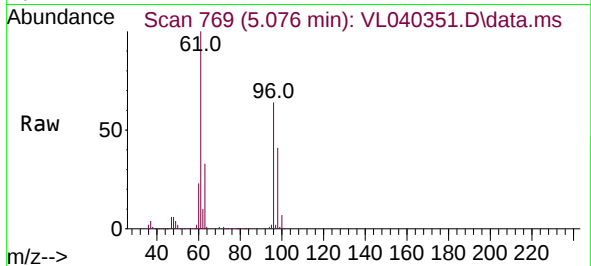




#31
 cis-1,2-Dichloroethene
 Concen: 10.488 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

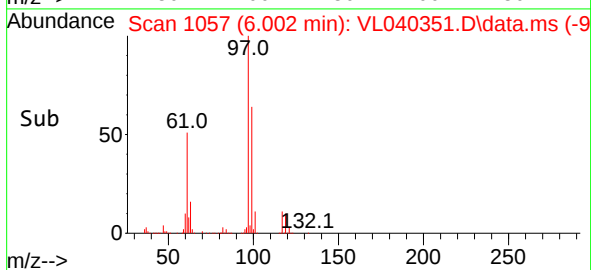
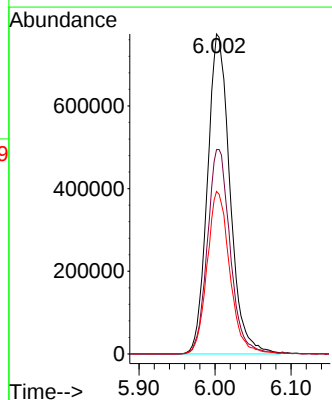
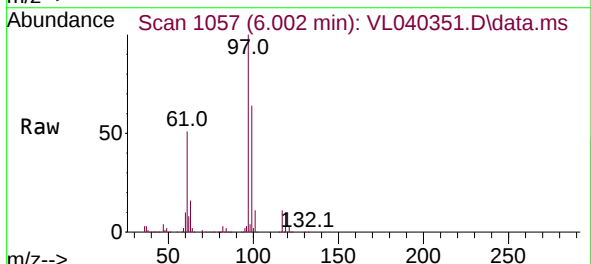
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS03

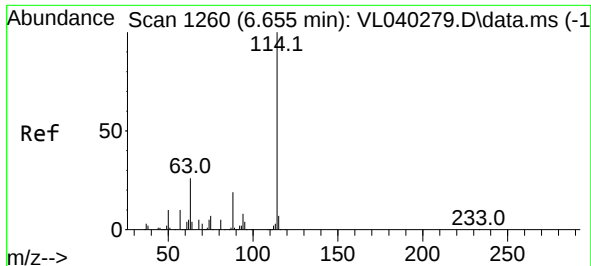
Tgt Ion: 61 Resp: 915783
 Ion Ratio Lower Upper
 61 100
 96 63.8 51.8 77.8
 98 40.9 32.5 48.7



#32
 1,1,1-Trichloroethane
 Concen: 10.509 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.003 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

Tgt Ion: 97 Resp: 1594151
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.2 78.2
 61 51.2 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS03

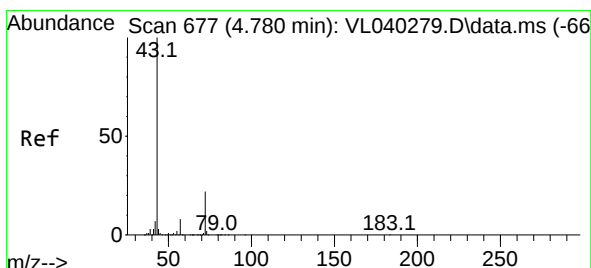
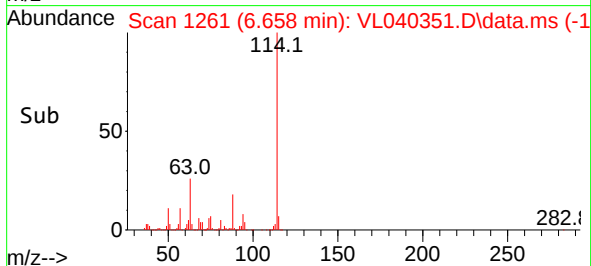
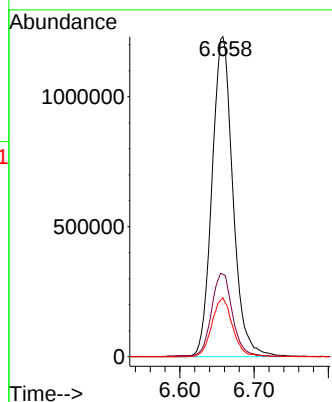
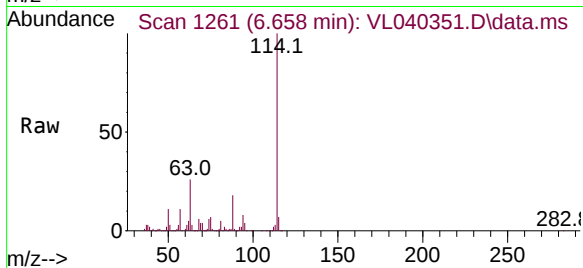
Tgt Ion:114 Resp: 2398902

Ion Ratio Lower Upper

114 100

63 26.7 21.2 31.8

88 18.3 14.5 21.7



#34

2-Butanone

Concen: 10.135 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.003 min

Lab File: VL040351.D

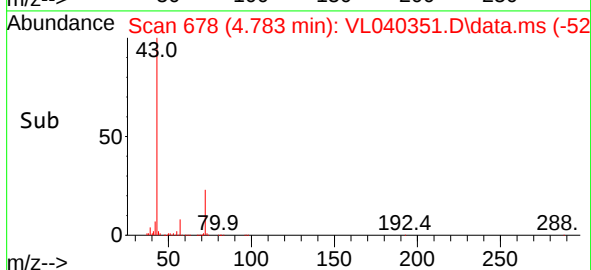
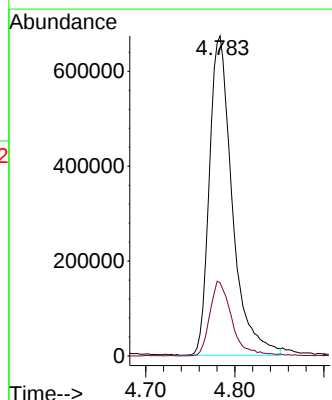
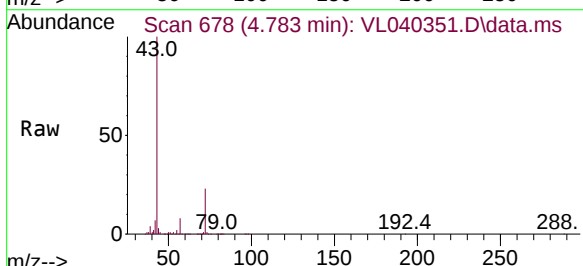
Acq: 13 Apr 2023 00:42

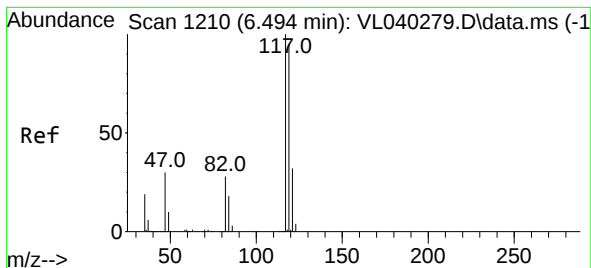
Tgt Ion: 43 Resp: 1199933

Ion Ratio Lower Upper

43 100

72 22.9 18.3 27.5





#35

Carbon Tetrachloride

Concen: 10.907 ppbv

RT: 6.497 min Scan# 117

Delta R.T. 0.003 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS03

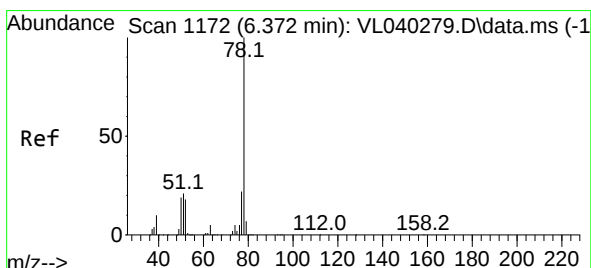
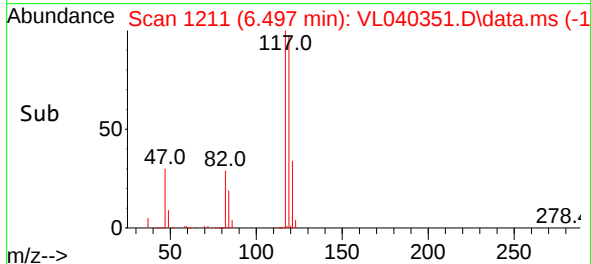
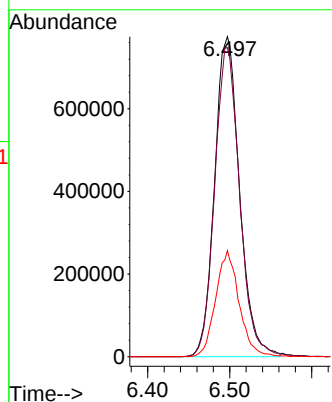
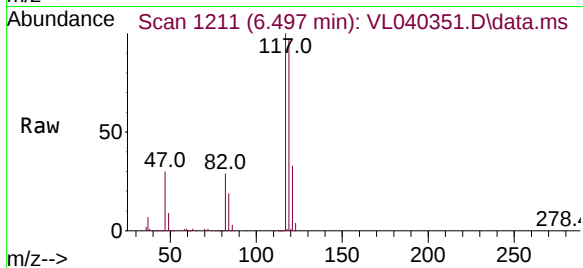
Tgt Ion:117 Resp: 1641939

Ion Ratio Lower Upper

117 100

119 96.6 76.4 114.6

121 33.1 25.6 38.4



#36

Benzene

Concen: 10.175 ppbv

RT: 6.375 min Scan# 1173

Delta R.T. 0.003 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

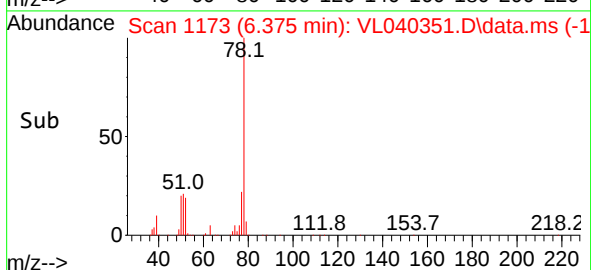
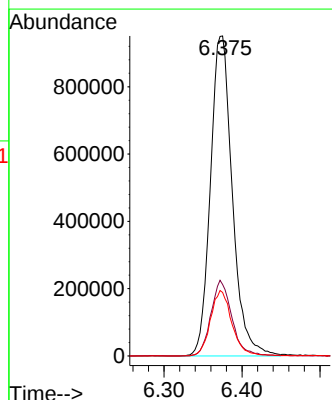
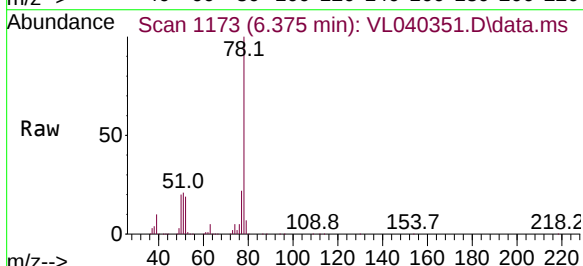
Tgt Ion: 78 Resp: 1860182

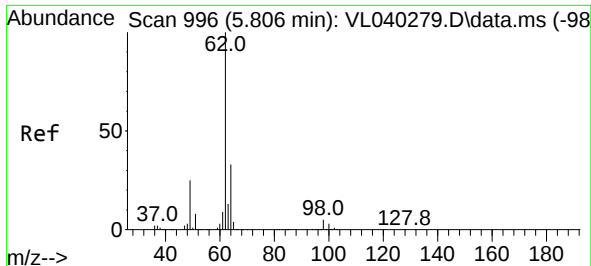
Ion Ratio Lower Upper

78 100

77 22.4 17.8 26.8

50 19.9 15.4 23.2

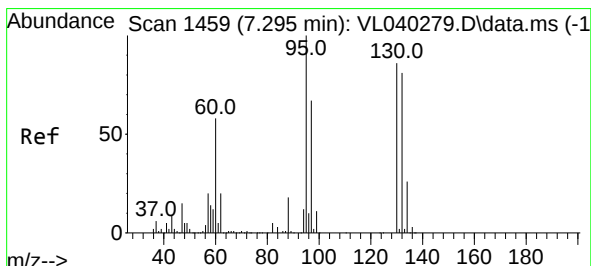
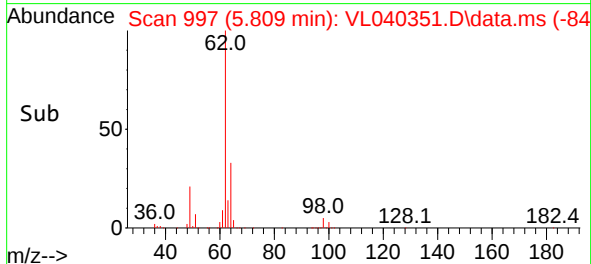
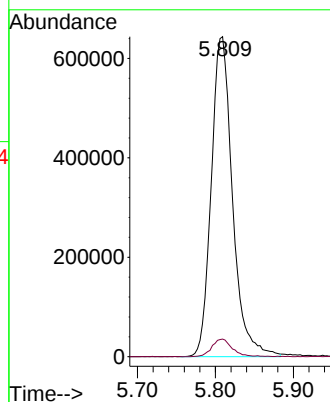
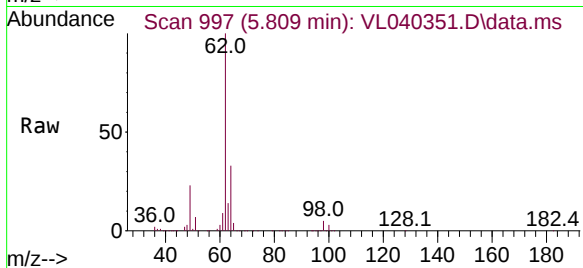




#37
1,2-Dichloroethane
Concen: 10.263 ppbv
RT: 5.809 min Scan# 996
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

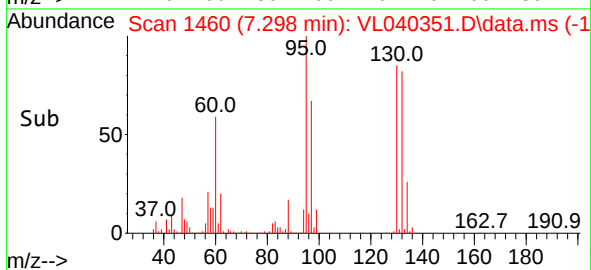
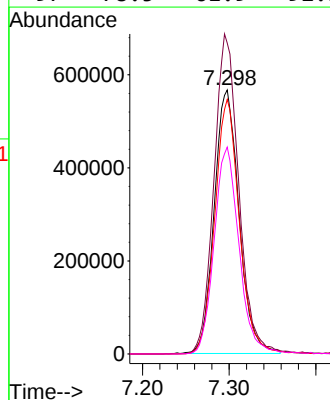
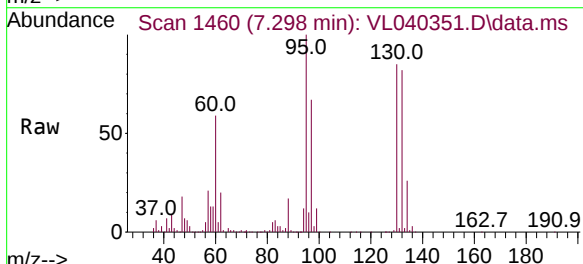
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

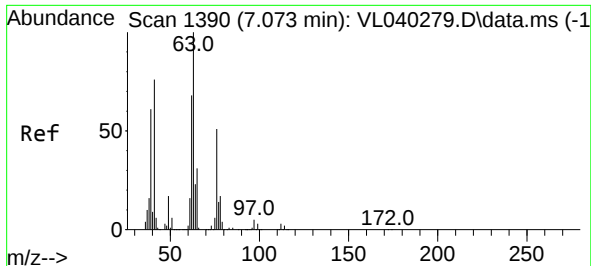
Tgt Ion: 62 Resp: 1221244
Ion Ratio Lower Upper
62 100
98 5.4 4.3 6.5



#38
Trichloroethene
Concen: 11.312 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion:130 Resp: 1130111
Ion Ratio Lower Upper
130 100
95 117.9 93.0 139.4
132 96.6 75.3 112.9
97 78.5 61.9 92.9





#39

1,2-Dichloropropane

Concen: 10.121 ppbv

RT: 7.076 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS03

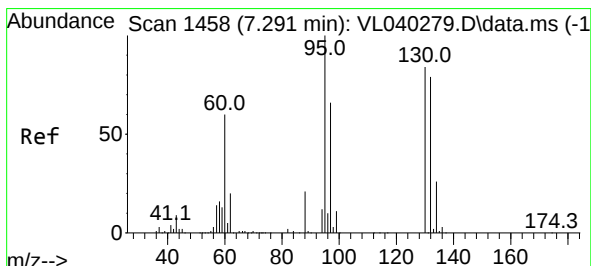
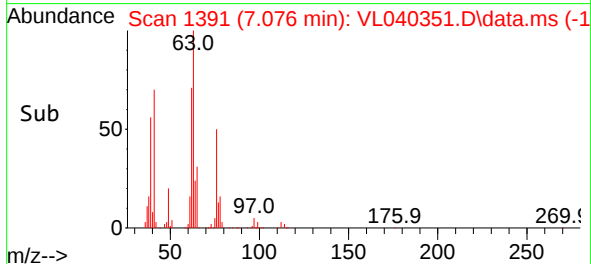
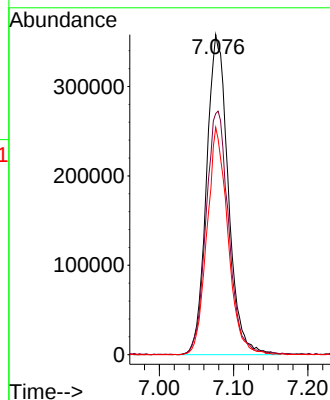
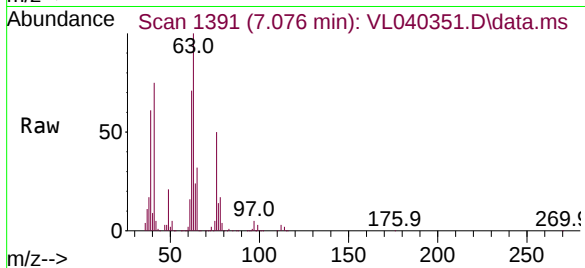
Tgt Ion: 63 Resp: 725898

Ion Ratio Lower Upper

63 100

41 75.2 60.8 91.2

62 71.0 54.1 81.1



#40

1,4-Dioxane

Concen: 9.218 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

Tgt Ion: 88 Resp: 261568

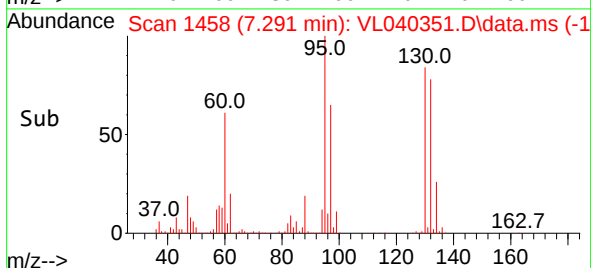
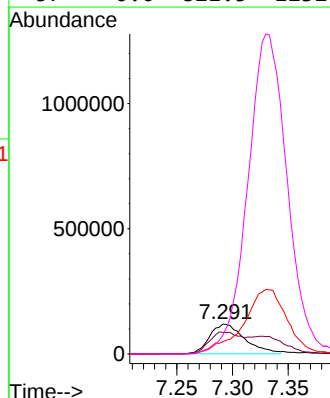
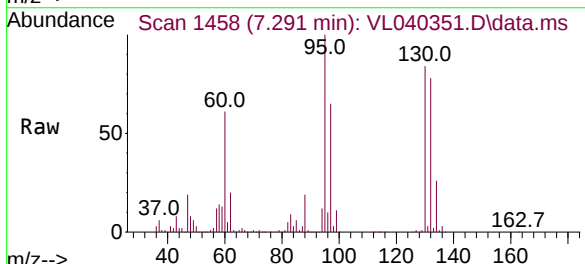
Ion Ratio Lower Upper

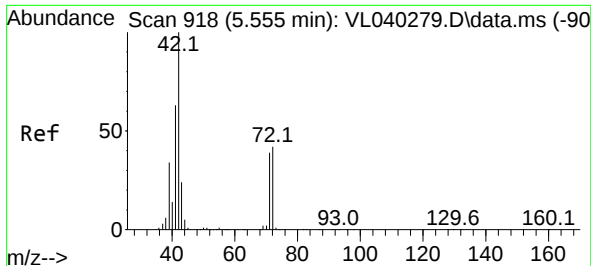
88 100

58 130.4 96.0 144.0

43 0.0 187.6 281.4#

57 0.0 821.5 1232.3#

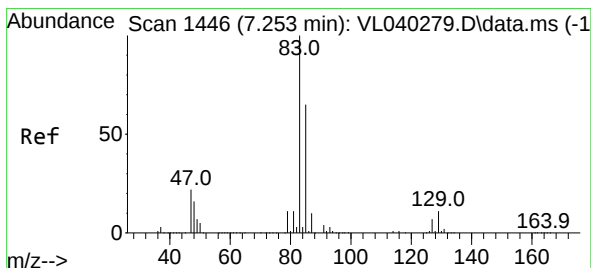
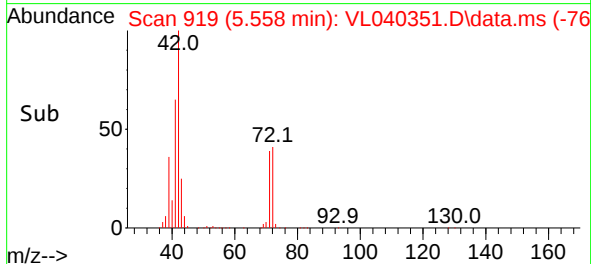
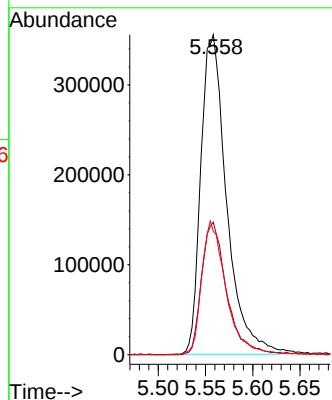
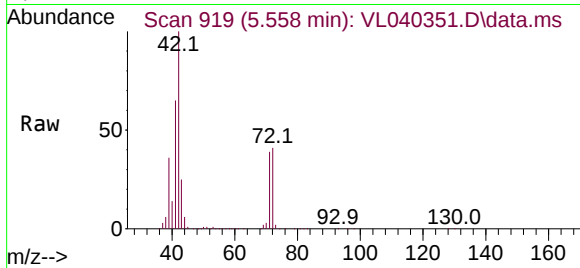




#41
Tetrahydrofuran
Concen: 9.857 ppbv
RT: 5.558 min Scan# 918
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

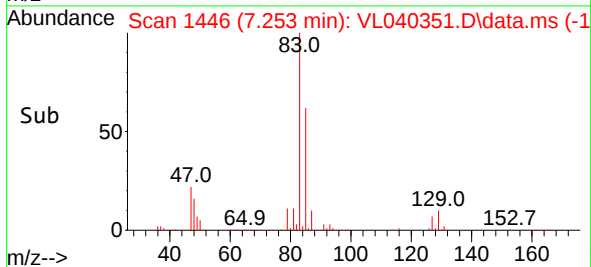
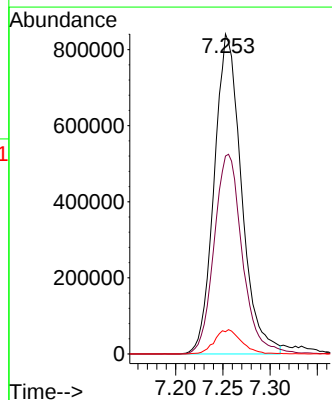
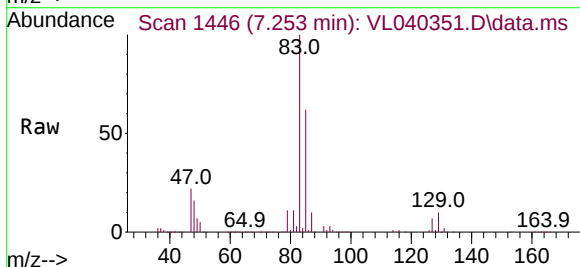
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

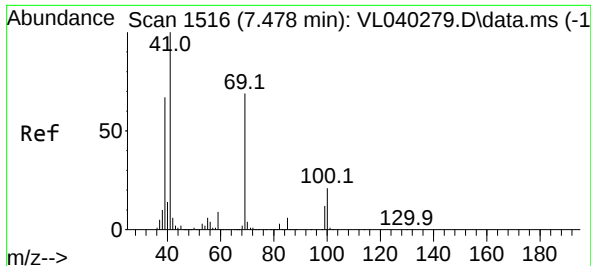
Tgt Ion: 42 Resp: 673525
Ion Ratio Lower Upper
42 100
72 40.8 32.6 49.0
71 39.7 31.0 46.4



#42
Bromodichloromethane
Concen: 10.382 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 83 Resp: 1688186
Ion Ratio Lower Upper
83 100
85 61.8 52.1 78.1
127 7.0 5.8 8.6

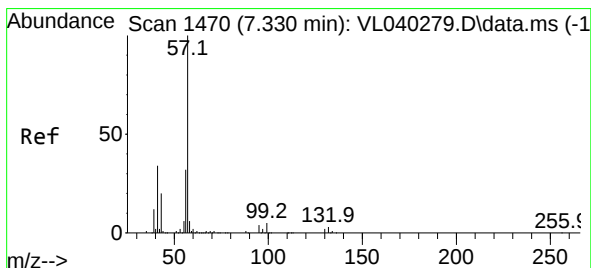
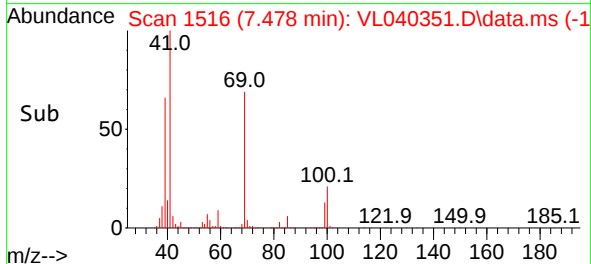
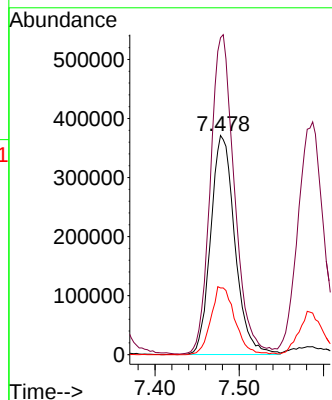
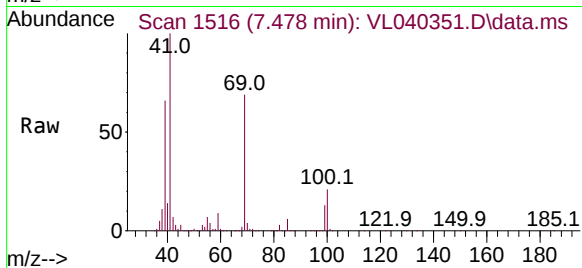




#43
Methyl Methacrylate
Concen: 10.873 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

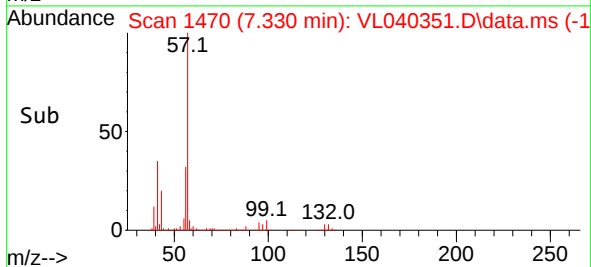
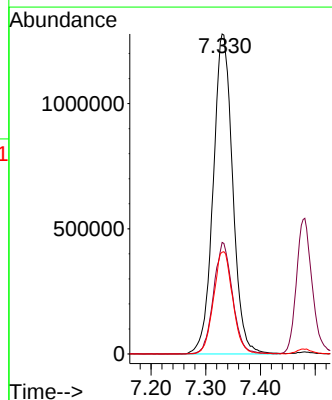
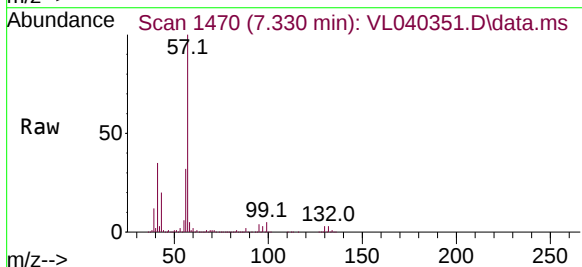
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

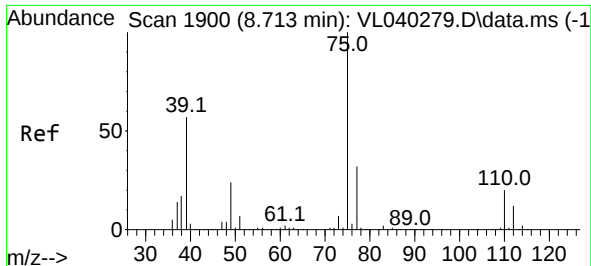
Tgt Ion: 69 Resp: 738693
Ion Ratio Lower Upper
69 100
41 145.4 116.9 175.3
100 30.8 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 10.370 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 57 Resp: 3160951
Ion Ratio Lower Upper
57 100
41 33.8 26.8 40.2
56 31.5 25.0 37.6

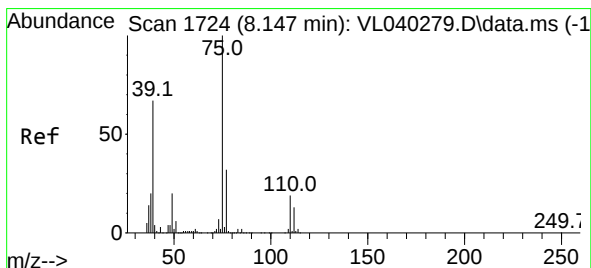
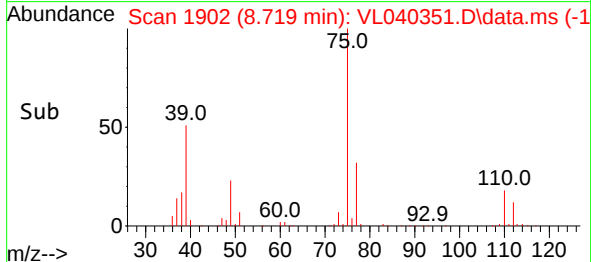
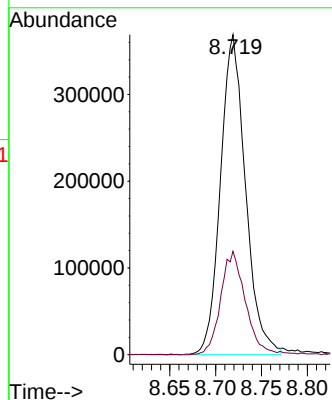
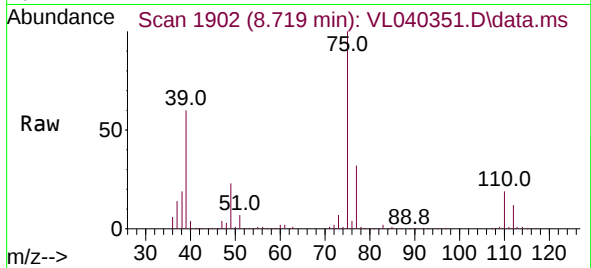




#45
 t-1,3-Dichloropropene
 Concen: 11.826 ppbv
 RT: 8.719 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

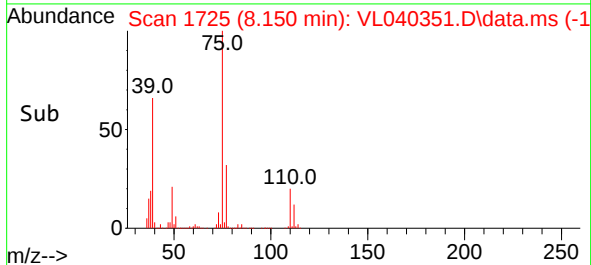
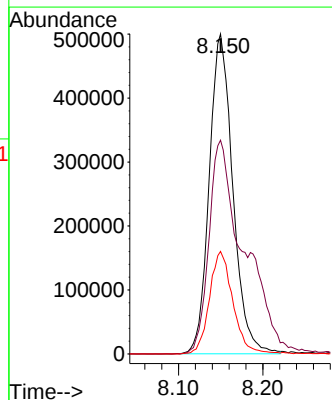
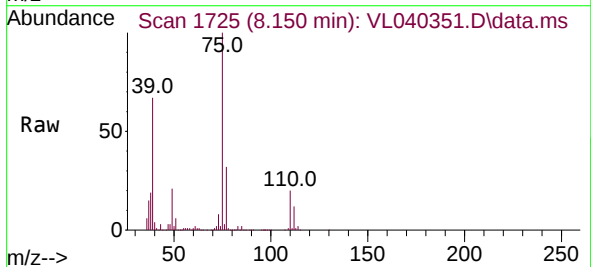
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS03

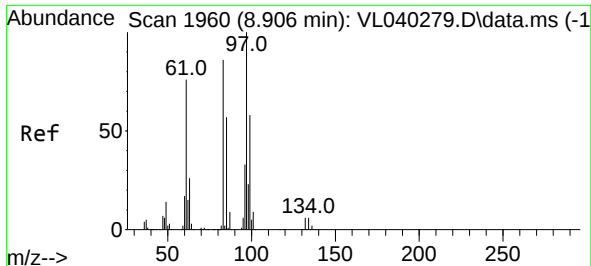
Tgt Ion: 75 Resp: 700403
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0



#46
 cis-1,3-Dichloropropene
 Concen: 11.571 ppbv
 RT: 8.150 min Scan# 1725
 Delta R.T. 0.003 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

Tgt Ion: 75 Resp: 973165
 Ion Ratio Lower Upper
 75 100
 39 66.8 53.9 80.9
 77 32.1 25.3 37.9



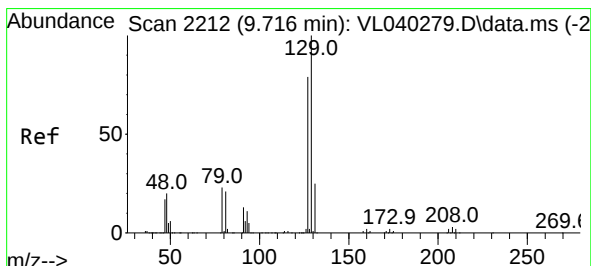
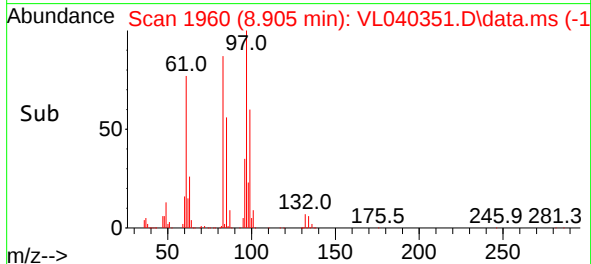
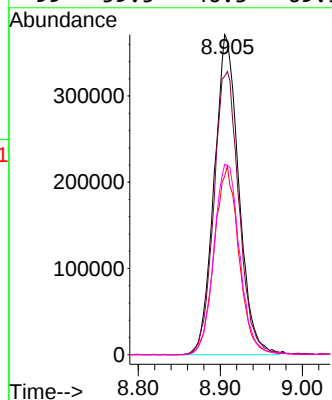
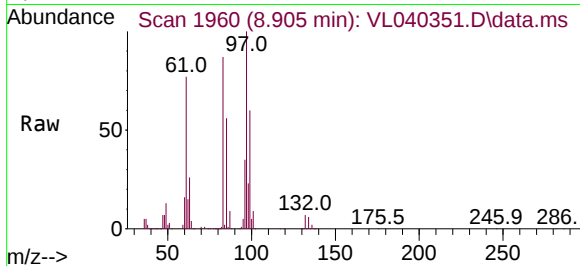


#47
1,1,2-Trichloroethane
Concen: 10.130 ppbv
RT: 8.905 min Scan# 1960
Delta R.T. -0.001 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

Tgt Ion: 97 Resp: 775257

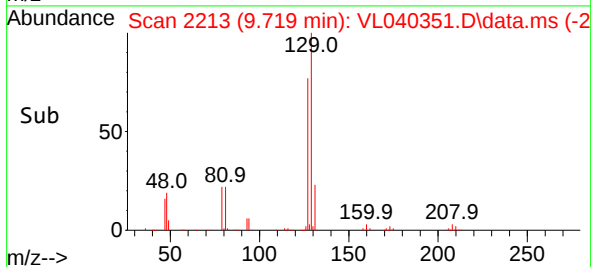
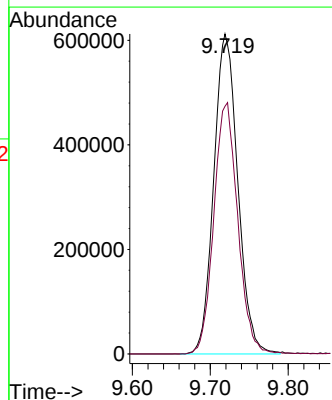
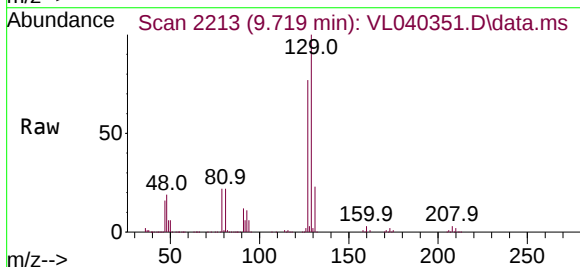
Ion	Ratio	Lower	Upper
97	100		
83	87.0	68.6	103.0
85	55.6	46.0	69.0
99	59.5	46.3	69.5

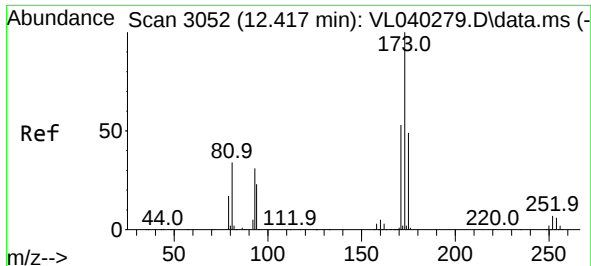


#48
Dibromochloromethane
Concen: 10.431 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 129 Resp: 1313679

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.1	117.5

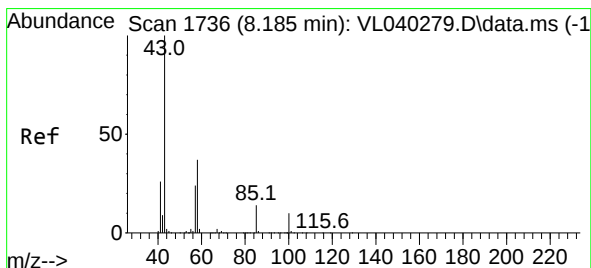
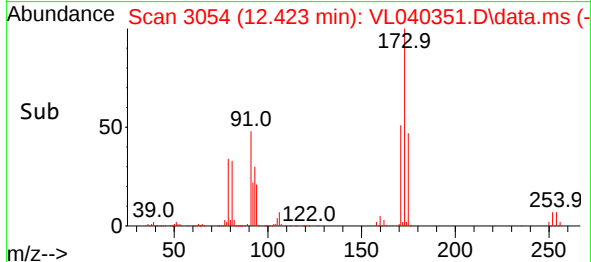
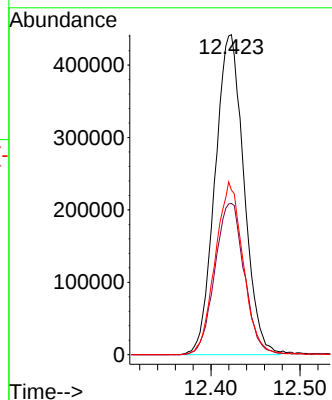
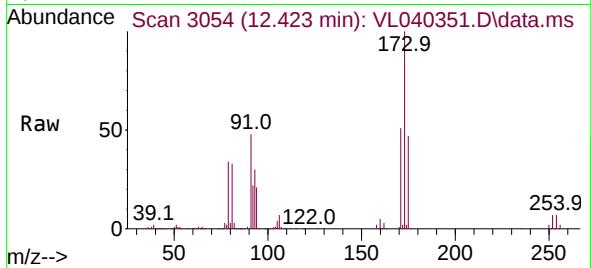




#49
Bromoform
Concen: 10.525 ppbv
RT: 12.423 min Scan# 3054
Delta R.T. 0.006 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

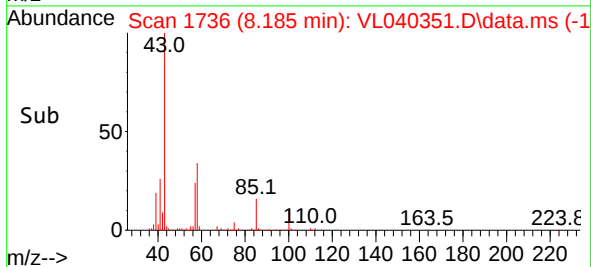
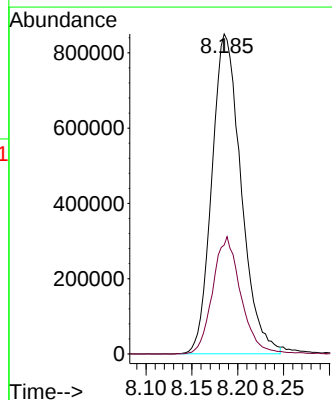
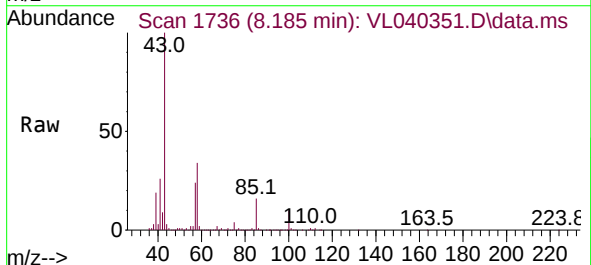
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

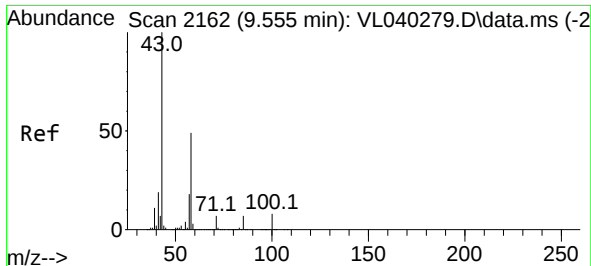
Tgt Ion:173 Resp: 995561
Ion Ratio Lower Upper
173 100
175 48.7 39.8 59.8
171 52.6 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 10.280 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 43 Resp: 1883496
Ion Ratio Lower Upper
43 100
58 35.5 29.2 43.8

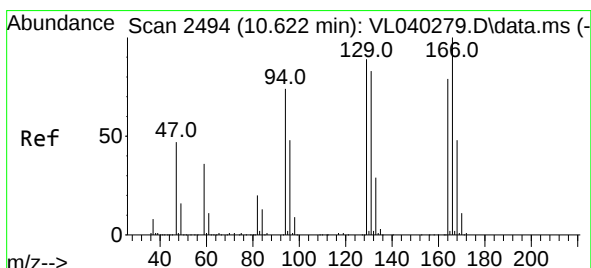
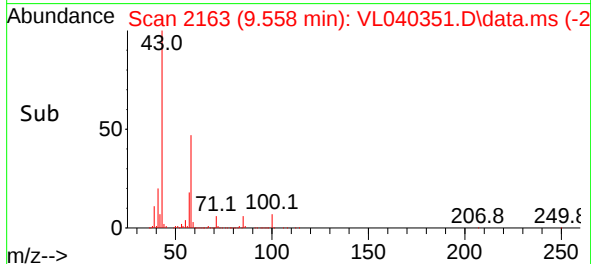
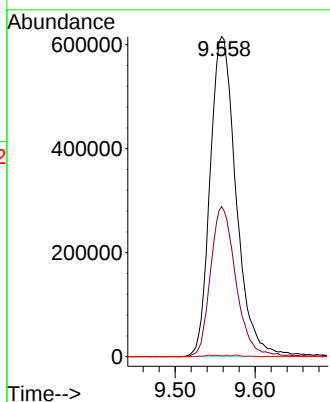
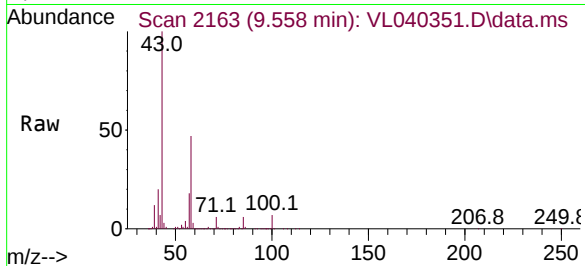




#51
2-Hexanone
Concen: 9.744 ppbv
RT: 9.558 min Scan# 2162
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

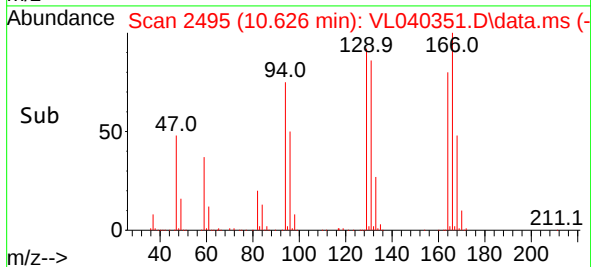
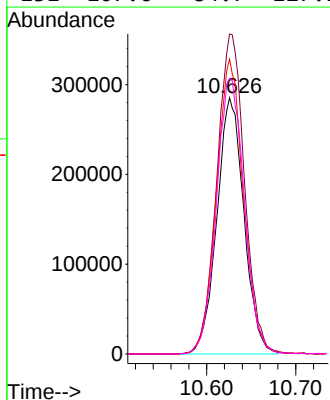
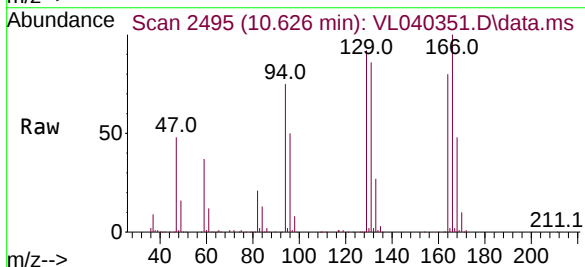
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

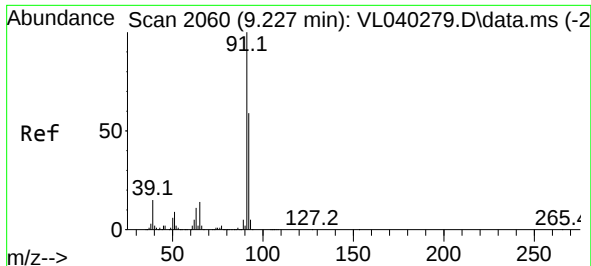
Tgt Ion: 43 Resp: 1383022
Ion Ratio Lower Upper
43 100
58 46.1 38.0 57.0
98 0.6 0.5 0.7



#52
Tetrachloroethene
Concen: 10.883 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.004 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 164 Resp: 601932
Ion Ratio Lower Upper
164 100
166 124.9 101.8 152.6
129 115.1 90.2 135.2
131 107.6 84.7 127.1

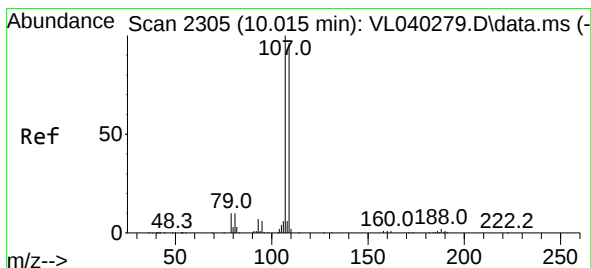
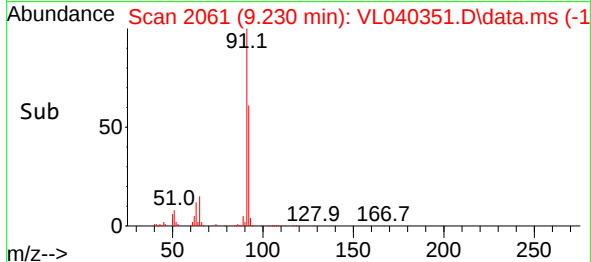
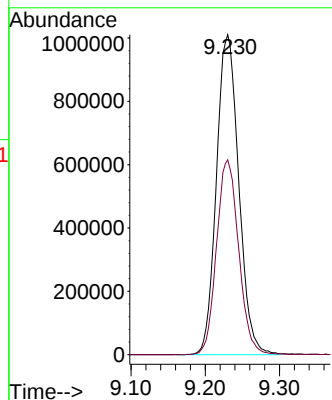
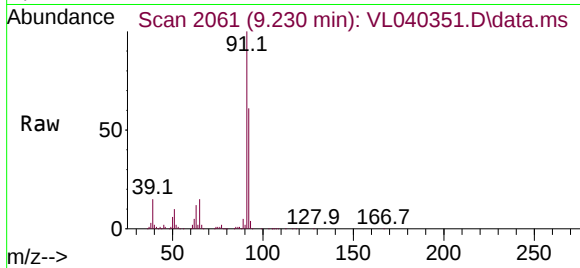




#53
Toluene
Concen: 11.021 ppbv
RT: 9.230 min Scan# 2060
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

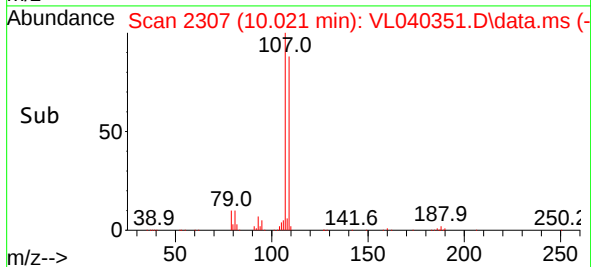
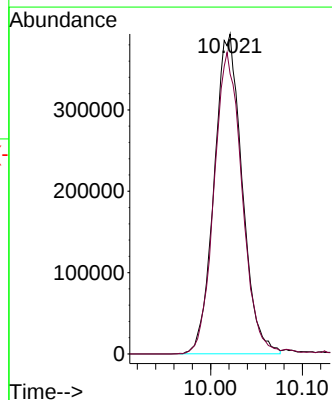
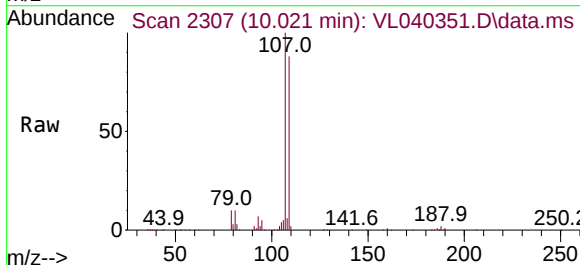
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

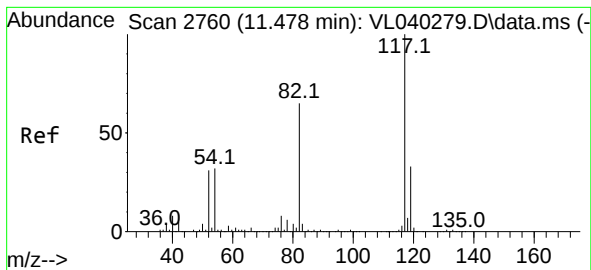
Tgt Ion: 91 Resp: 2111461
Ion Ratio Lower Upper
91 100
92 60.6 48.0 72.0



#54
1,2-Dibromoethane
Concen: 10.582 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 107 Resp: 833551
Ion Ratio Lower Upper
107 100
109 87.4 77.0 115.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 2760

Delta R.T. 0.003 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS03

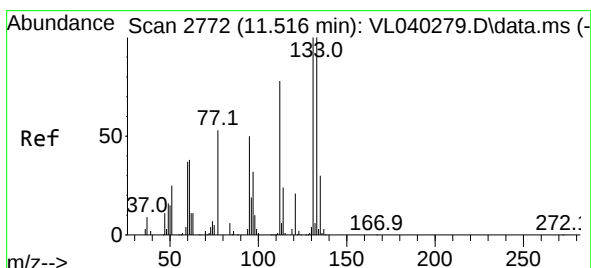
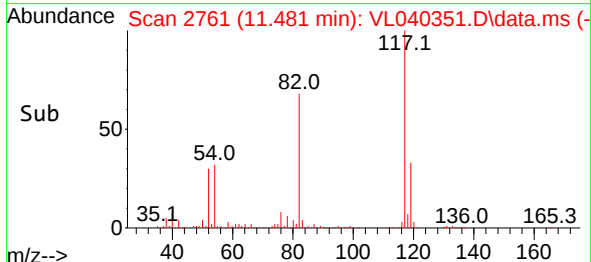
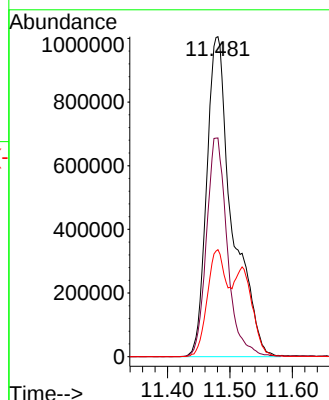
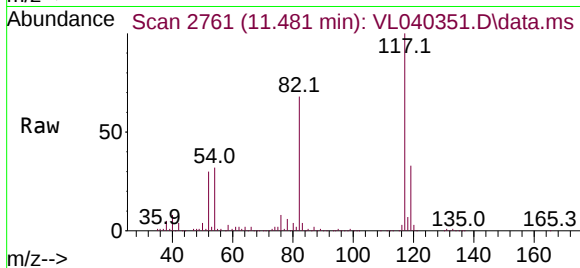
Tgt Ion:117 Resp: 2865517

Ion Ratio Lower Upper

117 100

82 56.1 51.4 77.2

119 26.7 24.0 36.0



#56

1,1,1,2-Tetrachloroethane

Concen: 7.969 ppbv

RT: 11.523 min Scan# 2774

Delta R.T. 0.007 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

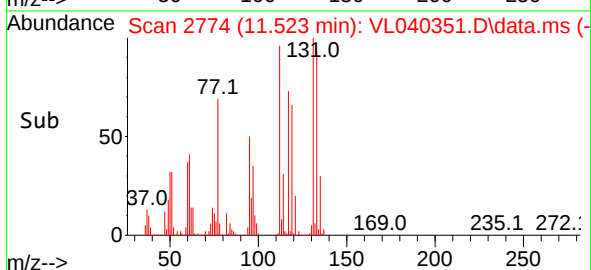
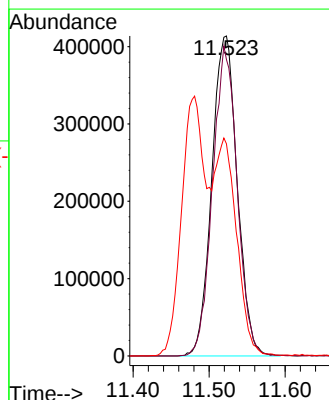
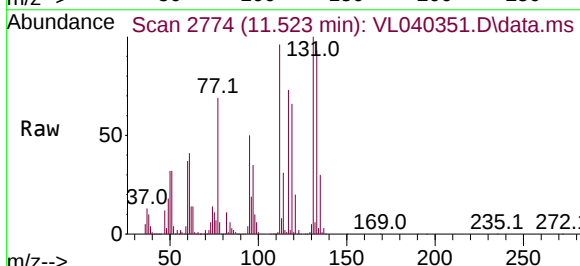
Tgt Ion:131 Resp: 960670

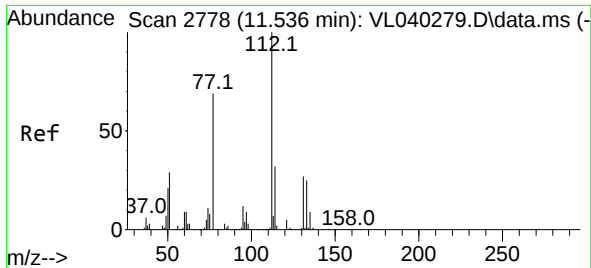
Ion Ratio Lower Upper

131 100

133 93.8 76.5 114.7

119 62.2 47.9 71.9

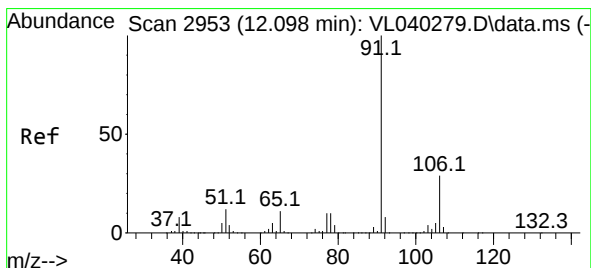
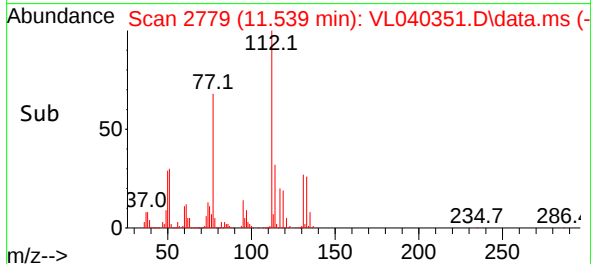
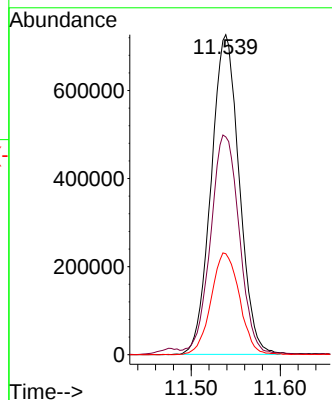
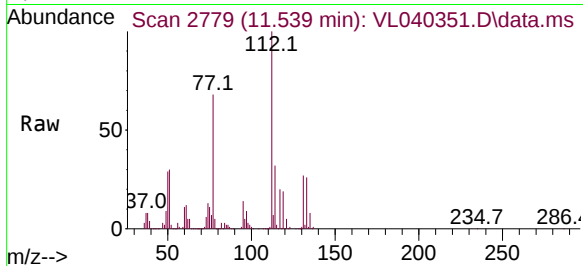




#57
Chlorobenzene
Concen: 7.794 ppbv
RT: 11.539 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

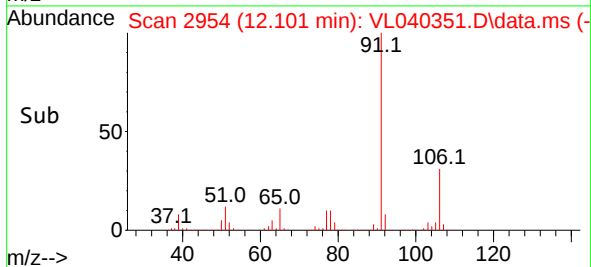
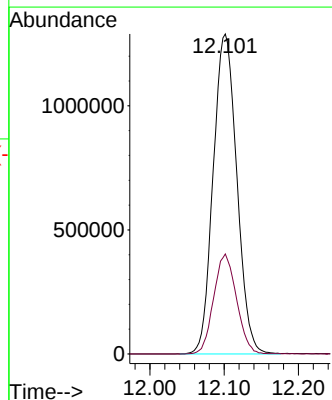
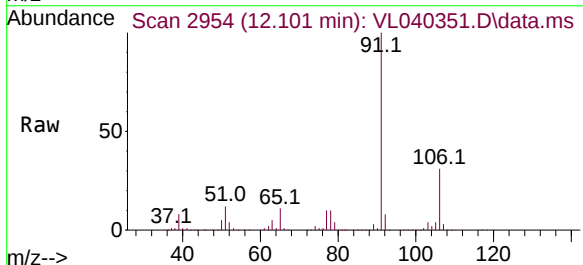
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

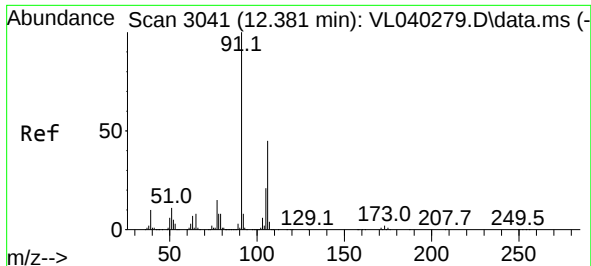
Tgt Ion:112 Resp: 1588757
Ion Ratio Lower Upper
112 100
77 67.6 56.2 84.2
114 31.5 29.0 35.4



#58
Ethyl Benzene
Concen: 8.737 ppbv
RT: 12.101 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 91 Resp: 2850771
Ion Ratio Lower Upper
91 100
106 31.2 23.4 35.2





#59

m/p-Xylene

Concen: 9.540 ppbv

RT: 12.384 min Scan# 3041

Delta R.T. 0.003 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

Instrument :

MSVOA_L

ClientSampleId :

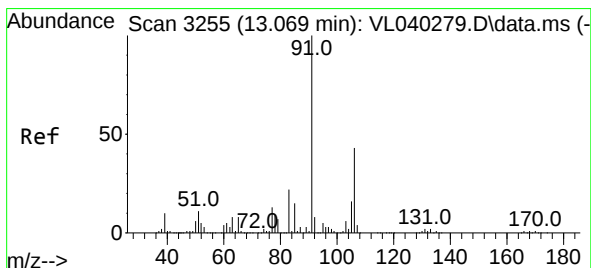
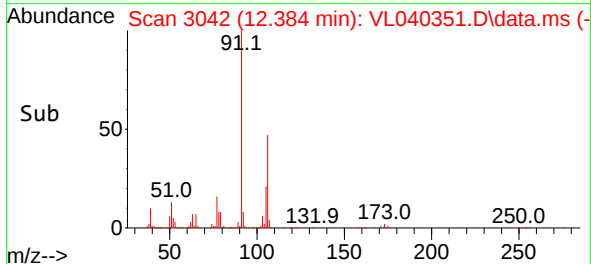
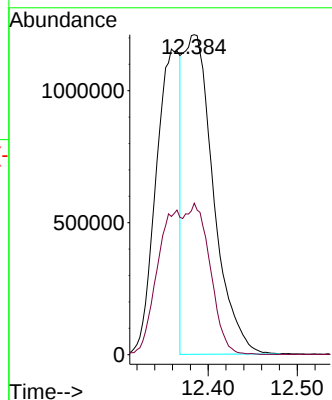
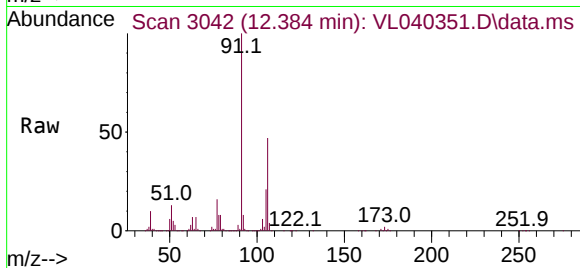
VL0412ABS03

Tgt Ion: 91 Resp: 2851530

Ion Ratio Lower Upper

91 100

106 76.4 34.0 51.0#



#60

o-Xylene

Concen: 8.384 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VL040351.D

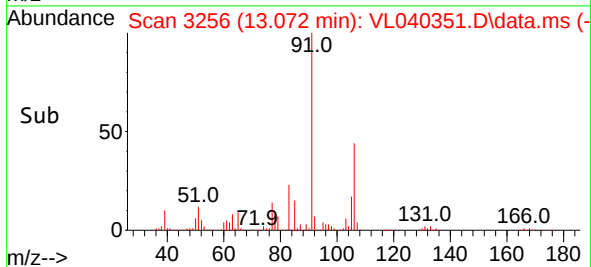
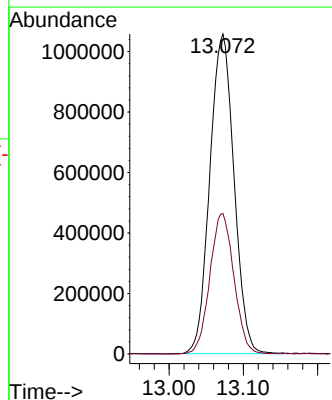
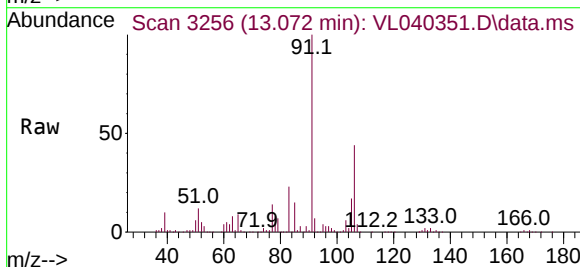
Acq: 13 Apr 2023 00:42

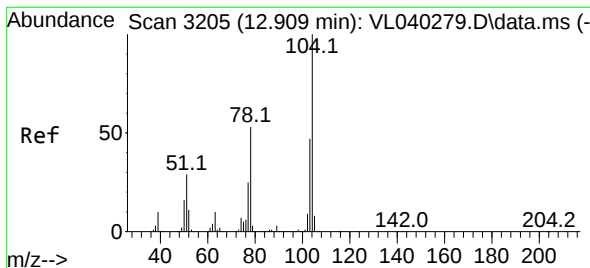
Tgt Ion: 91 Resp: 2395600

Ion Ratio Lower Upper

91 100

106 43.7 21.7 65.1





#61

Styrene

Concen: 9.094 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS03

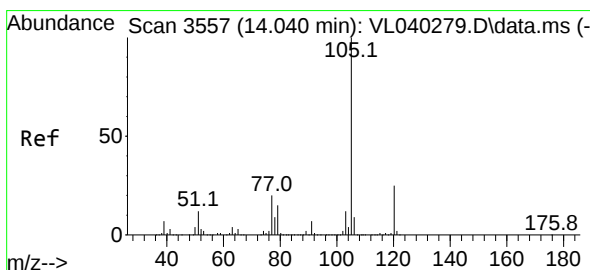
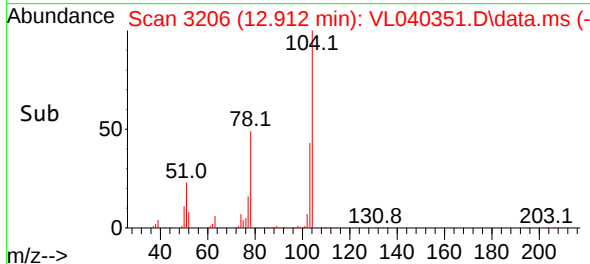
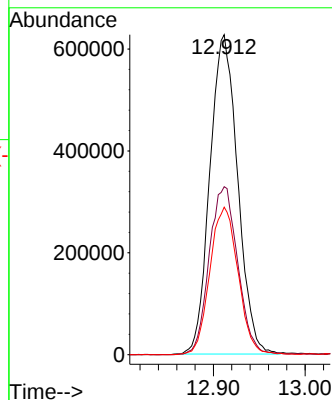
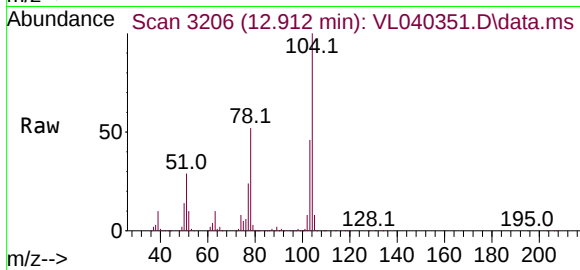
Tgt Ion:104 Resp: 1318580

Ion Ratio Lower Upper

104 100

78 54.5 43.7 65.5

103 47.2 37.4 56.2



#62

Isopropylbenzene

Concen: 8.279 ppbv

RT: 14.043 min Scan# 3558

Delta R.T. 0.003 min

Lab File: VL040351.D

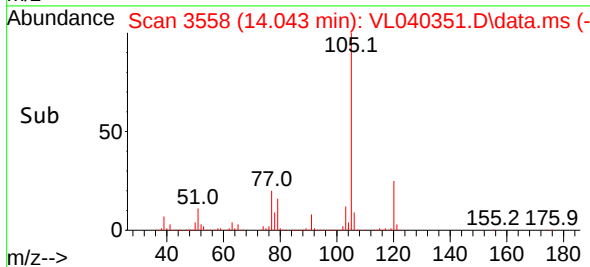
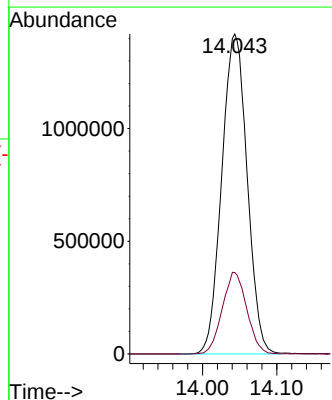
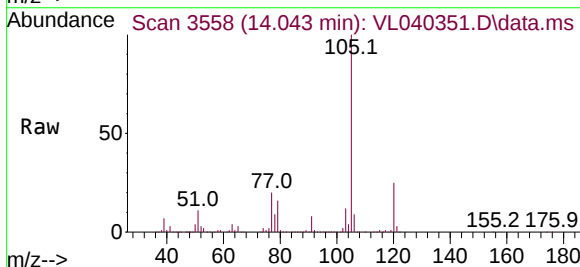
Acq: 13 Apr 2023 00:42

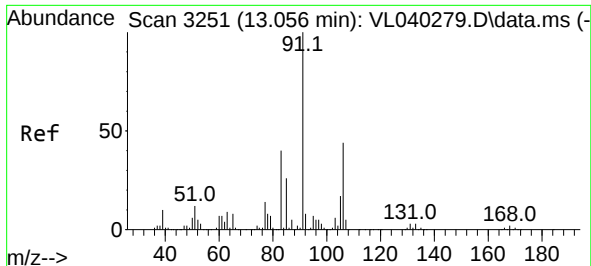
Tgt Ion:105 Resp: 3368696

Ion Ratio Lower Upper

105 100

120 24.7 19.9 29.9

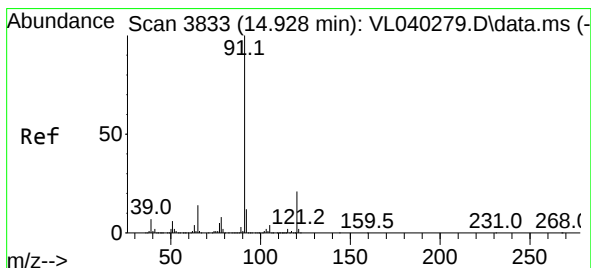
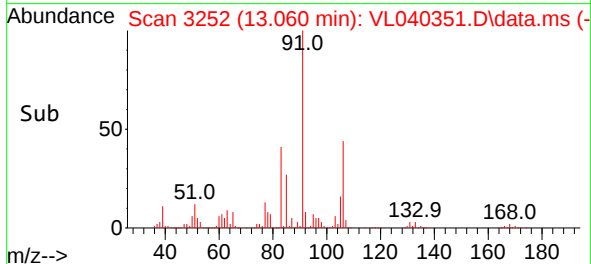
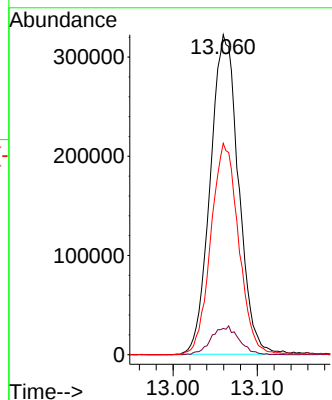
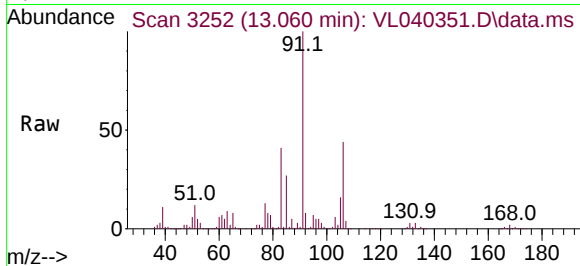




#63
1,1,2,2-Tetrachloroethane
Concen: 7.448 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

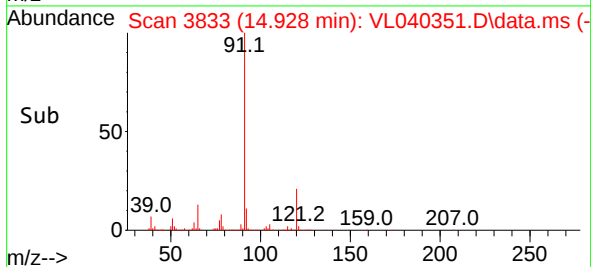
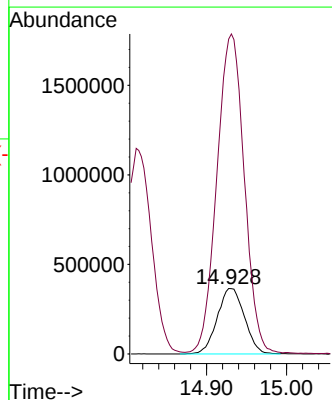
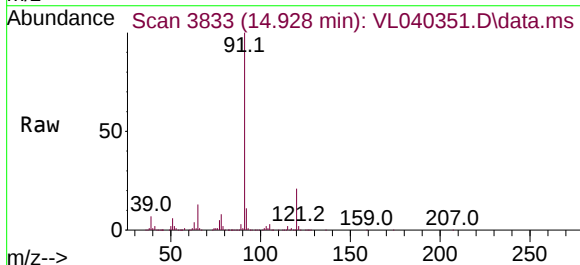
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

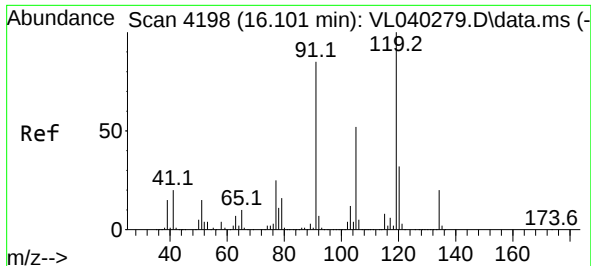
Tgt Ion: 83 Resp: 748820
Ion Ratio Lower Upper
83 100
131 8.7 4.3 12.9
85 65.7 32.7 98.1



#64
n-propylbenzene
Concen: 8.670 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. -0.000 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 120 Resp: 863332
Ion Ratio Lower Upper
120 100
91 494.3 399.0 598.6

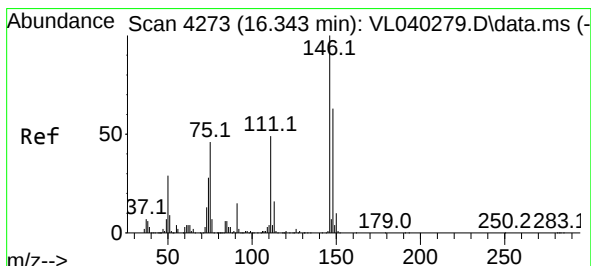
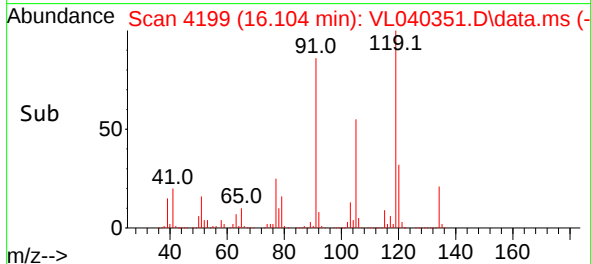
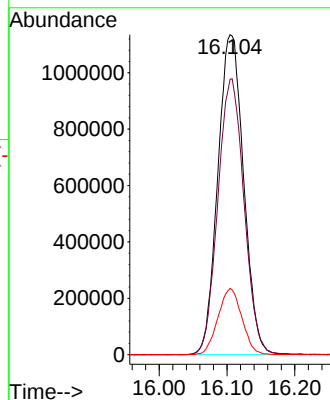
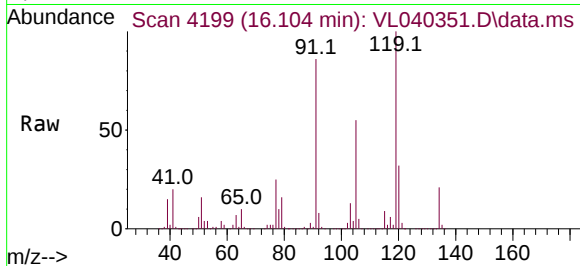




#65
tert-Butylbenzene
Concen: 8.562 ppbv
RT: 16.104 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

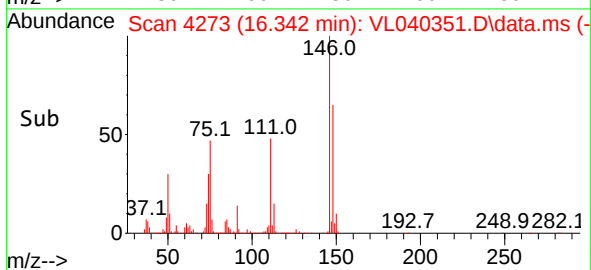
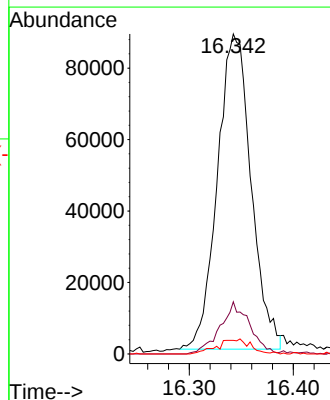
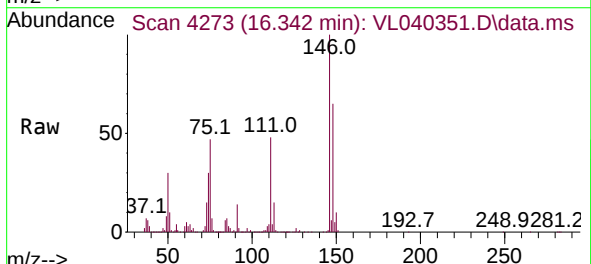
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

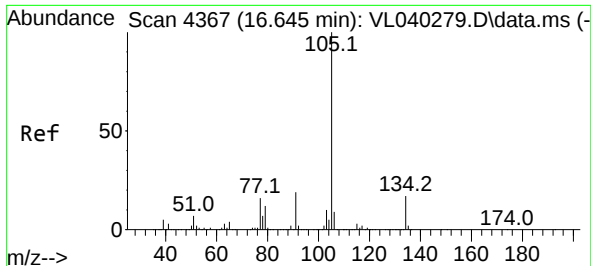
Tgt Ion:119 Resp: 3002114
Ion Ratio Lower Upper
119 100
91 87.3 69.4 104.2
134 19.2 15.8 23.6



#66
Benzyl Chloride
Concen: 8.694 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. -0.001 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 91 Resp: 198128
Ion Ratio Lower Upper
91 100
126 15.0 12.1 18.1
128 4.7 3.8 5.6

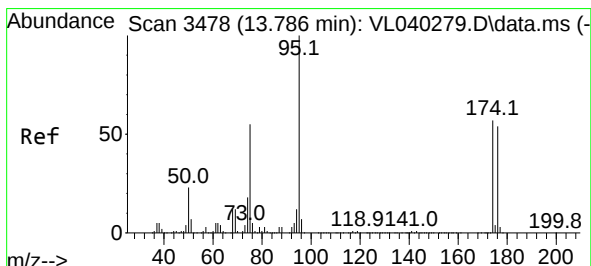
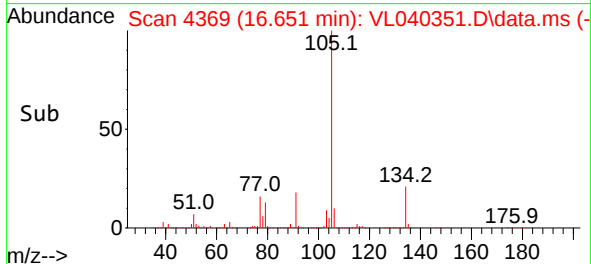
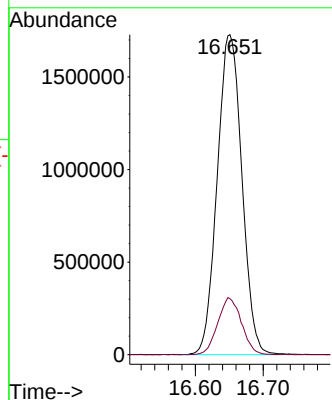
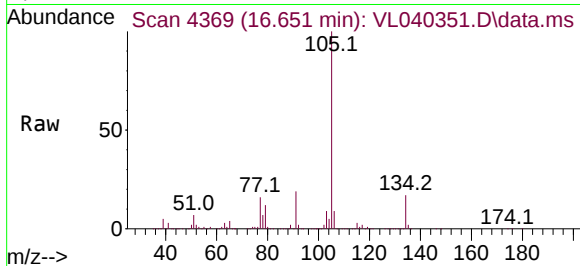




#67
 sec-Butylbenzene
 Concen: 8.720 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

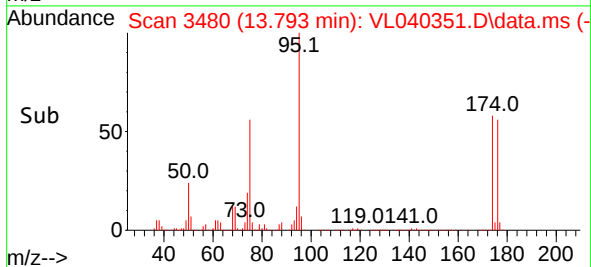
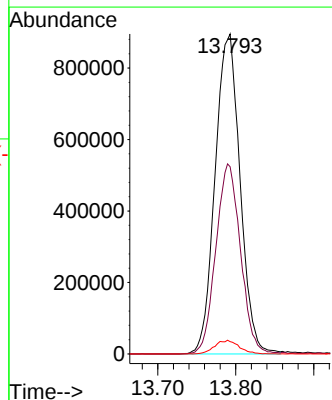
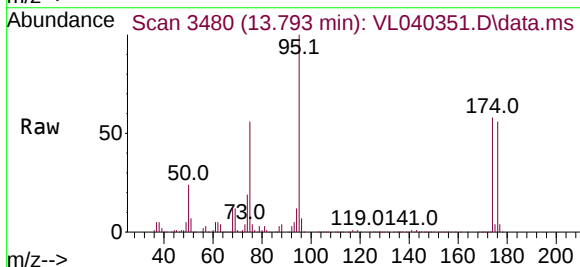
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS03

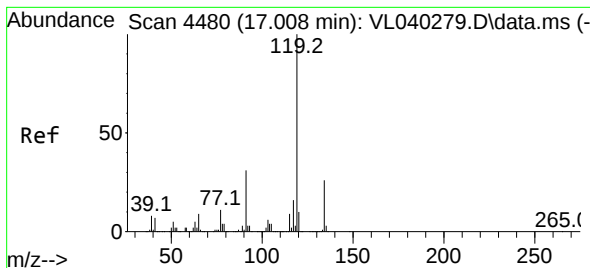
Tgt Ion:105 Resp: 4373092
 Ion Ratio Lower Upper
 105 100
 134 17.1 14.0 21.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.311 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.007 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

Tgt Ion: 95 Resp: 1994240
 Ion Ratio Lower Upper
 95 100
 174 58.8 47.0 70.6
 175 4.2 3.4 5.2





#69

p-Isopropyltoluene

Concen: 9.091 ppbv

RT: 17.011 min Scan# 4481

Delta R.T. 0.003 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS03

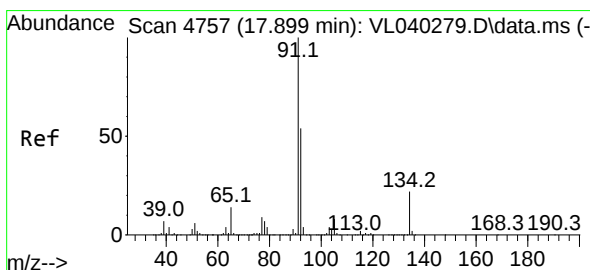
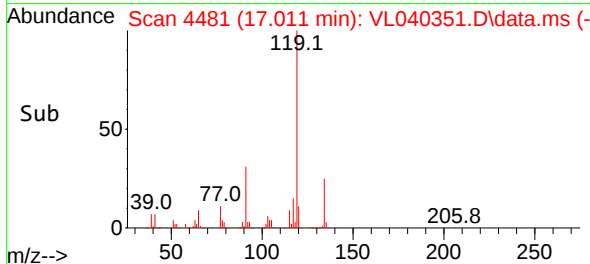
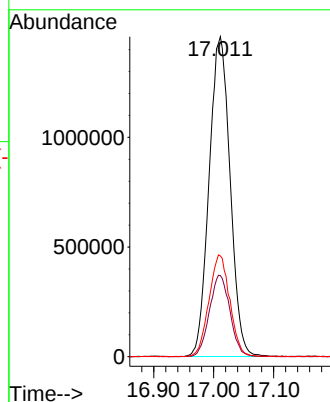
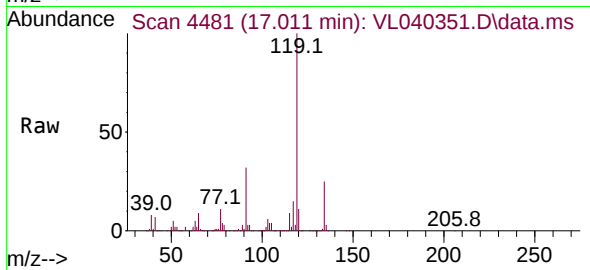
Tgt Ion:119 Resp: 3550424

Ion Ratio Lower Upper

119 100

134 24.9 20.2 30.2

91 31.5 25.1 37.7



#70

n-Butylbenzene

Concen: 9.300 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.003 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

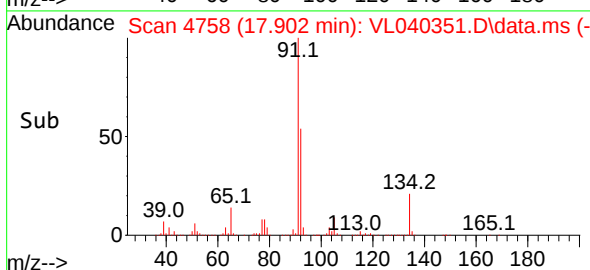
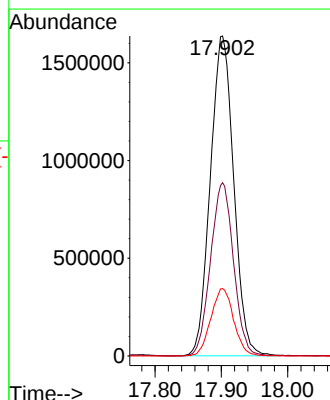
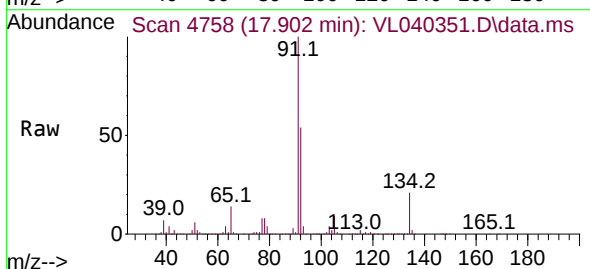
Tgt Ion: 91 Resp: 4001346

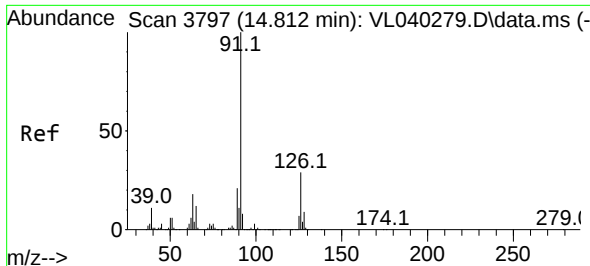
Ion Ratio Lower Upper

91 100

92 53.3 42.9 64.3

134 20.6 16.8 25.2

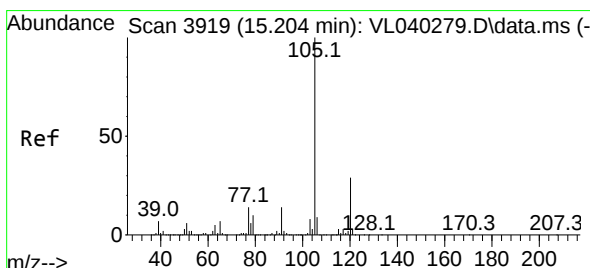
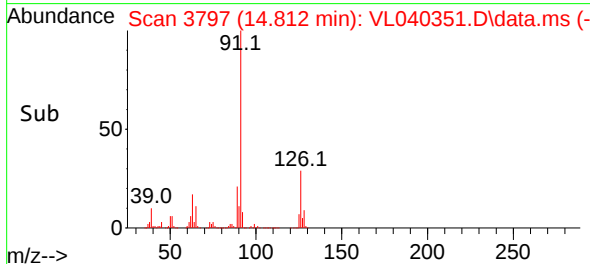
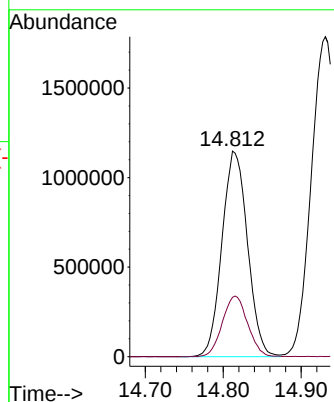
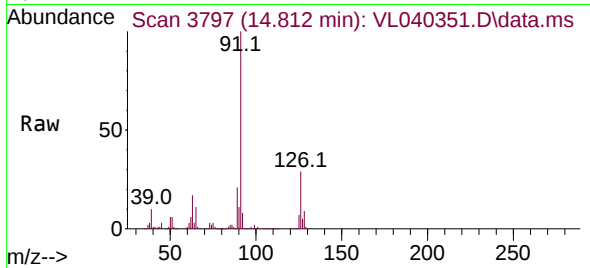




#71
2-Chlorotoluene
Concen: 8.438 ppbv
RT: 14.812 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

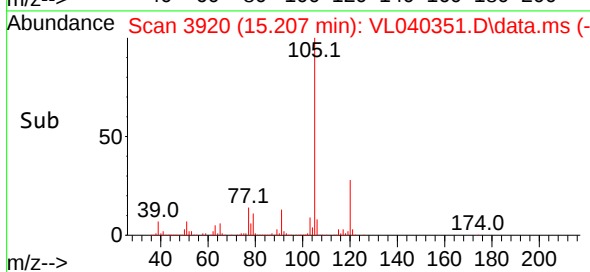
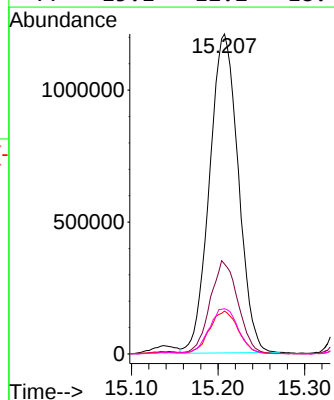
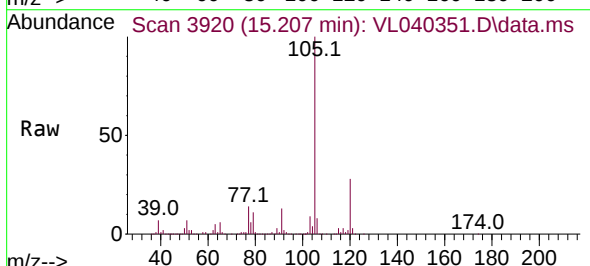
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

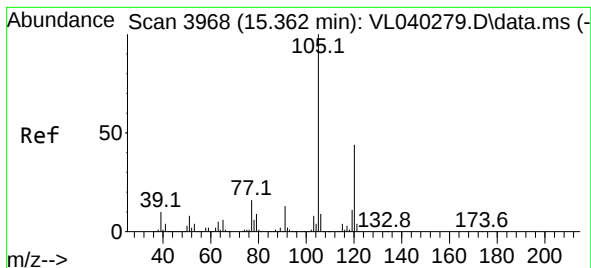
Tgt Ion: 91 Resp: 2613120
Ion Ratio Lower Upper
91 100
126 29.3 11.8 47.4



#72
4-Ethyltoluene
Concen: 8.921 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion: 105 Resp: 2786962
Ion Ratio Lower Upper
105 100
120 28.5 23.7 35.5
91 13.6 11.6 17.4
77 15.1 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 8.798 ppbv

RT: 15.365 min Scan# 3968

Delta R.T. 0.003 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

Instrument :

MSVOA_L

ClientSampleId :

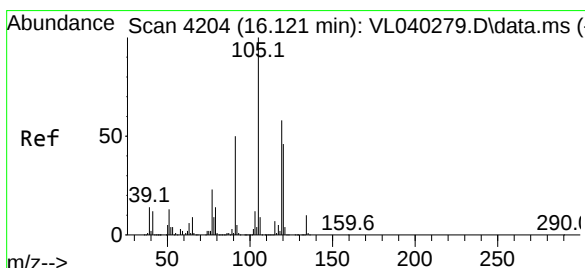
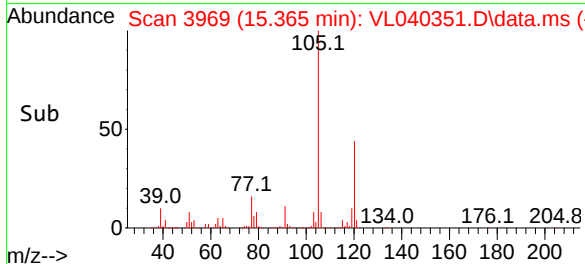
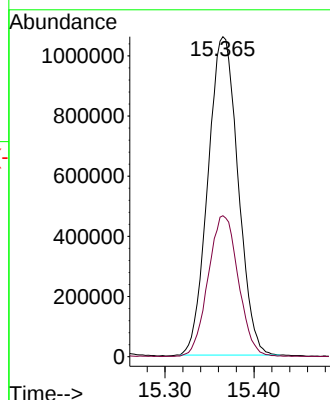
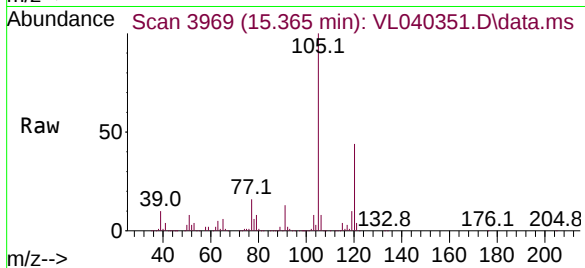
VL0412ABS03

Tgt Ion:105 Resp: 2489677

Ion Ratio Lower Upper

105 100

120 44.1 34.9 52.3



#74

1,2,4-Trimethylbenzene

Concen: 8.655 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. -0.000 min

Lab File: VL040351.D

Acq: 13 Apr 2023 00:42

Tgt Ion:105 Resp: 2793073

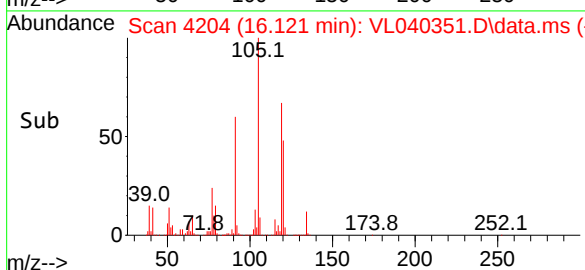
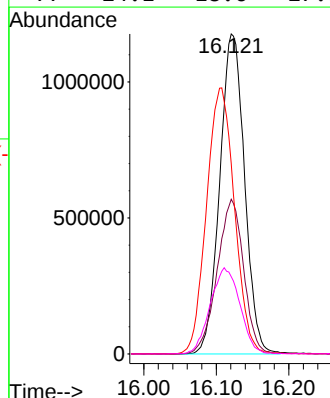
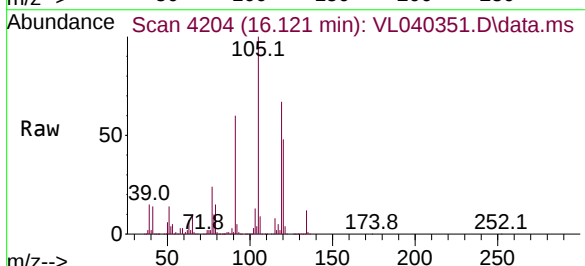
Ion Ratio Lower Upper

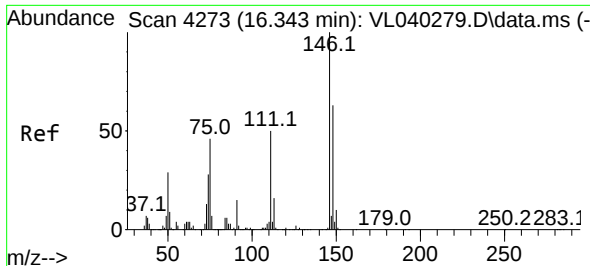
105 100

120 48.3 36.6 54.8

91 59.3 39.9 59.9

77 24.1 18.6 27.8

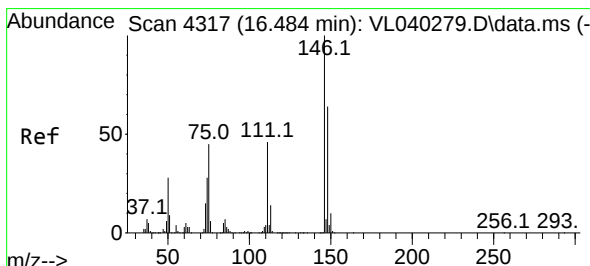
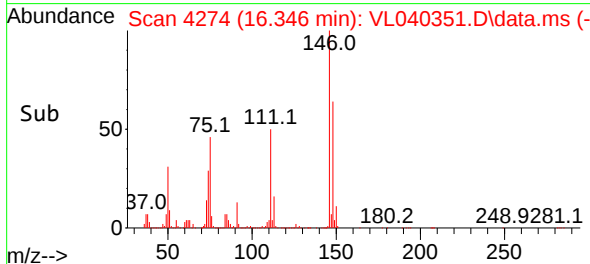
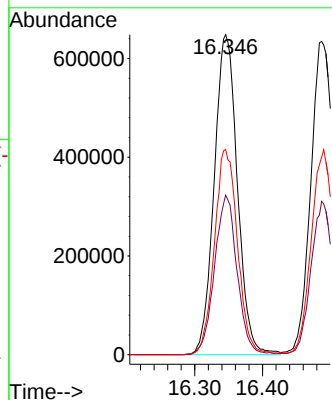
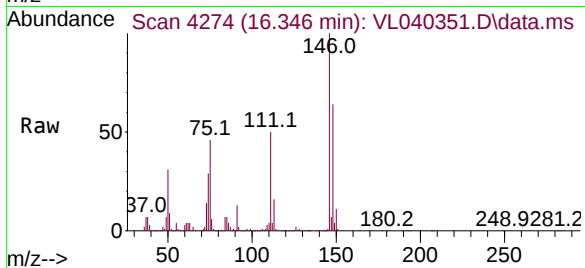




#75
1,3-Dichlorobenzene
Concen: 8.820 ppbv
RT: 16.346 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

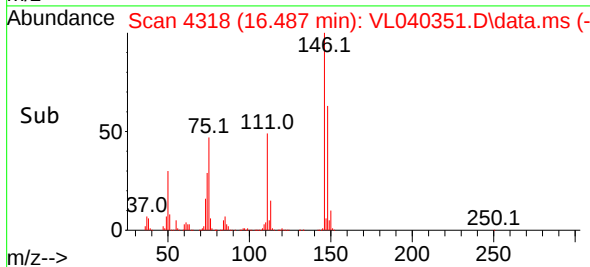
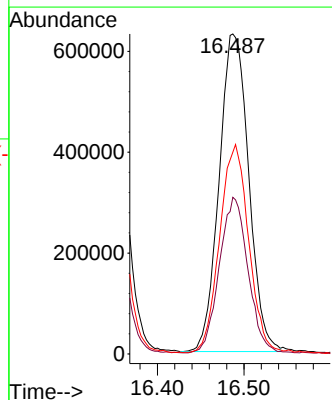
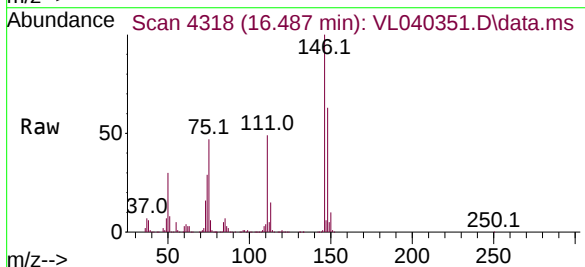
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

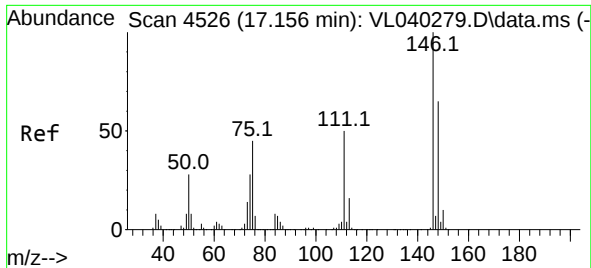
Tgt Ion:146 Resp: 1541619
Ion Ratio Lower Upper
146 100
111 48.3 24.3 73.0
148 64.0 31.9 95.5



#76
1,4-Dichlorobenzene
Concen: 8.963 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion:146 Resp: 1494196
Ion Ratio Lower Upper
146 100
111 48.5 23.8 71.2
148 66.0 32.5 97.5

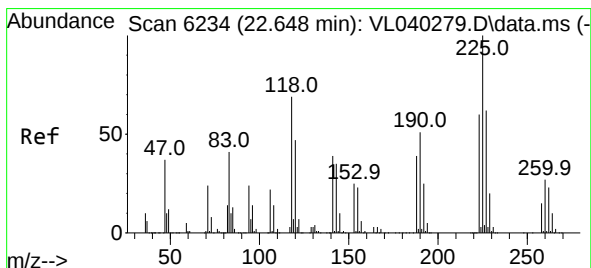
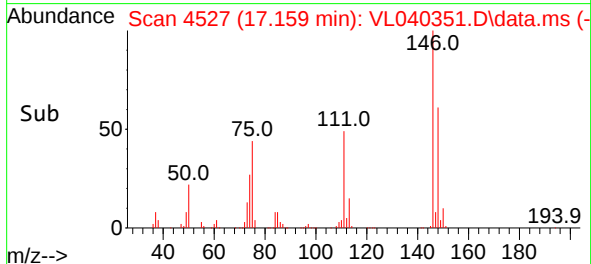
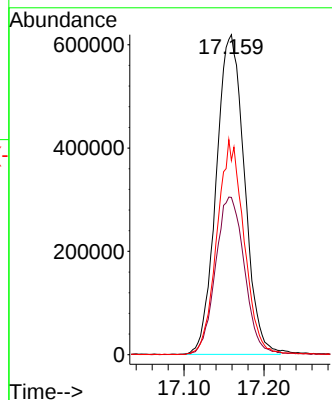
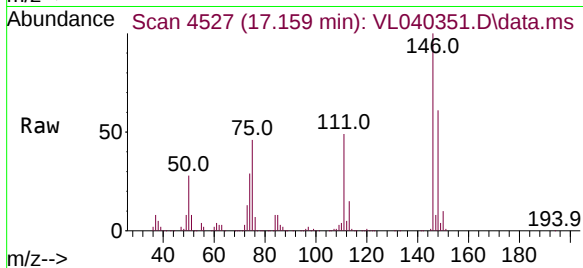




#77
1,2-Dichlorobenzene
Concen: 9.034 ppbv
RT: 17.159 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

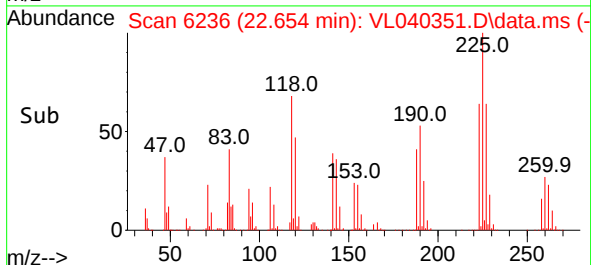
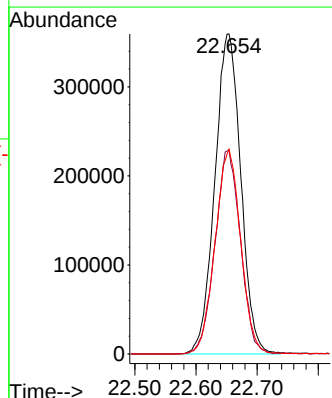
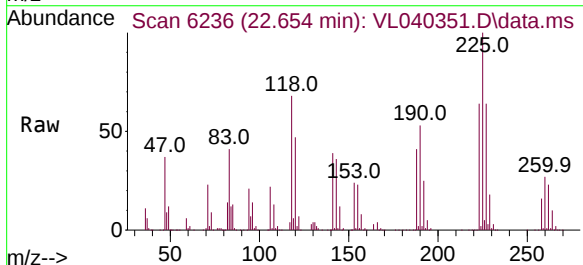
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS03

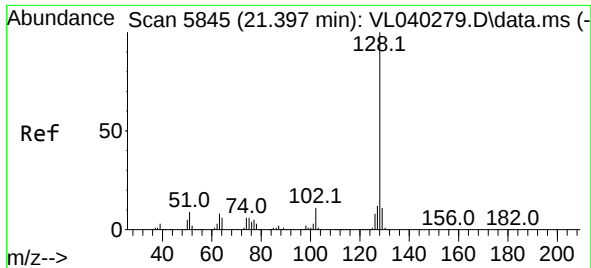
Tgt Ion:146 Resp: 1517774
Ion Ratio Lower Upper
146 100
111 50.7 25.2 75.6
148 64.5 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 8.604 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.006 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

Tgt Ion:225 Resp: 1060119
Ion Ratio Lower Upper
225 100
223 62.6 51.0 76.6
227 63.1 51.4 77.2

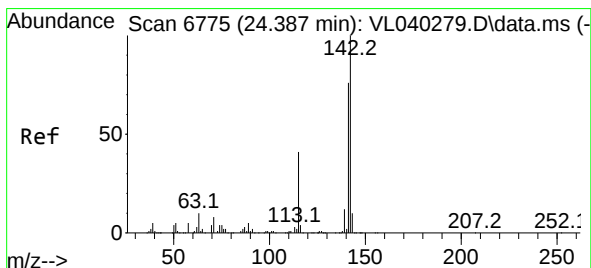
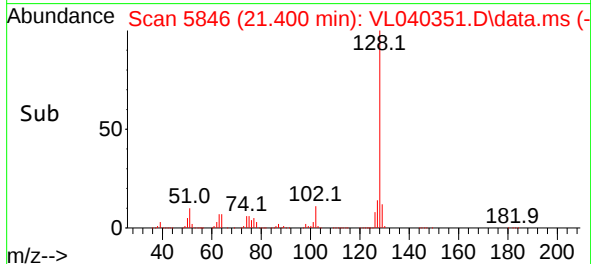
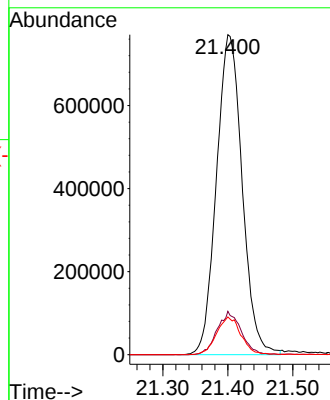
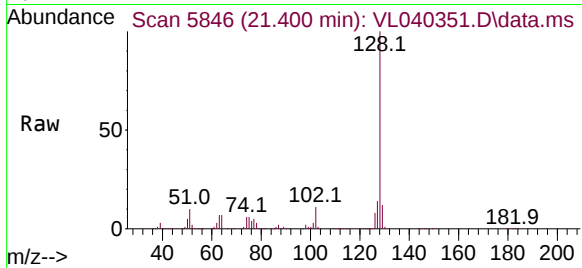




#79
Naphthalene
Concen: 11.076 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.003 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

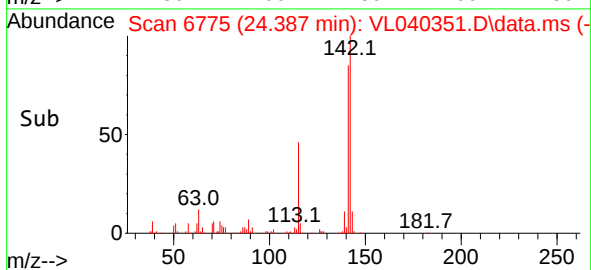
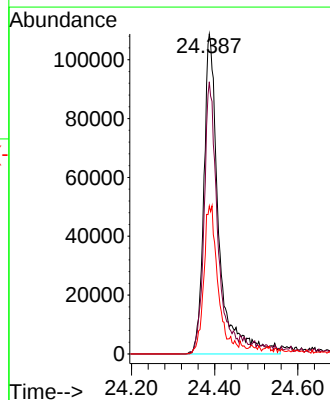
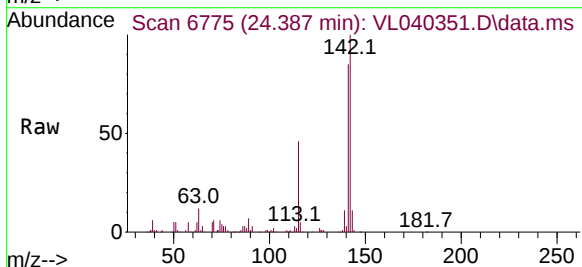
Instrument :
MSVOA_1
ClientSampleId :
VL0412ABS03

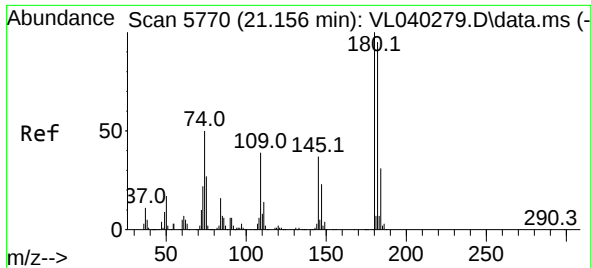
Tgt Ion:128 Resp: 2114396
Ion Ratio Lower Upper
128 100
127 13.6 9.6 14.4
129 11.8 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 5.631 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.000 min
Lab File: VL040351.D
Acq: 13 Apr 2023 00:42

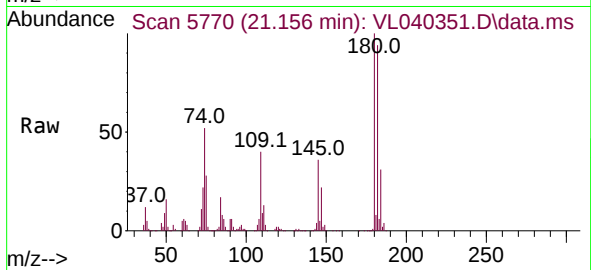
Tgt Ion:142 Resp: 272261
Ion Ratio Lower Upper
142 100
141 85.5 65.5 98.3
115 45.6 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.757 ppbv
 RT: 21.156 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL040351.D
 Acq: 13 Apr 2023 00:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS03



Tgt Ion:180 Resp: 1147229

Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.1	114.1
184	30.6	24.4	36.6

