

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040437.D
 Acq On : 16 May 2023 13:33
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Quant Time: May 17 07:29:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1070772	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2634492	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2485736	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	2117523	10.594	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	2387532	11.351	ppbv	99
3) Chlorodifluoromethane	2.671	51	1852910	13.398	ppbv	100
4) Chloromethane	2.809	50	1187610	13.826	ppbv	99
5) Vinyl Chloride	2.919	62	1008535	13.229	ppbv	96
6) Bromomethane	3.118	94	317821	13.713	ppbv	99
7) Chloroethane	3.198	64	386773	14.358	ppbv	100
8) Dichlorotetrafluoroethane	2.854	85	2533518	13.404	ppbv	98
9) Propene	2.690	41	742519	13.802	ppbv	100
10) Heptane	7.594	43	1952094	15.703	ppbv	100
11) Trichlorofluoromethane	3.565	101	2631865	13.857	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.070	101	1892040	13.585	ppbv	99
13) Ethanol	3.243	45	47927	11.755	ppbv	89
14) Bromoethene	3.365	108	827631	14.907	ppbv	95
15) Acetone	3.468	43	1806364	13.335	ppbv	99
16) 1,3-Butadiene	2.983	39	907562	14.596	ppbv	98
17) tert-Butyl alcohol	3.880	59	1744850	12.860	ppbv	100
18) 1,1-Dichloroethene	3.883	96	867269	14.127	ppbv	99
19) Isopropyl Alcohol	3.574	45	869775	13.182	ppbv #	98
20) Methylene Chloride	3.935	84	723356	11.987	ppbv	98
21) Allyl Chloride	3.999	41	1276419	14.738	ppbv	99
22) trans-1,2-Dichloroethene	4.452	96	897724	14.642	ppbv	100
23) Vinyl Acetate	4.632	43	503982	13.462	ppbv	97
24) 1,1-Dichloroethane	4.568	63	1804169	14.084	ppbv	100
25) Ethyl Acetate	5.214	43	3624704	14.208	ppbv	100
26) Hexane	5.221	57	1511093	14.289	ppbv	99
27) Carbon Disulfide	4.127	76	2197672	15.811	ppbv	99
28) Methyl tert-Butyl Ether	4.590	73	1597690	14.221	ppbv	100
29) Chloroform	5.285	83	2654883	13.769	ppbv	99
30) Cyclohexane	6.613	84	1287334	14.964	ppbv	98
31) cis-1,2-Dichloroethene	5.086	61	1594739	15.226	ppbv	100
32) 1,1,1-Trichloroethane	6.015	97	2698026	13.468	ppbv	99
34) 2-Butanone	4.793	43	2149004	15.323	ppbv	100
35) Carbon Tetrachloride	6.507	117	2796150	14.787	ppbv	96
36) Benzene	6.385	78	3218600	15.042	ppbv	99
37) 1,2-Dichloroethane	5.819	62	2120272	15.165	ppbv	100
38) Trichloroethene	7.307	130	2056370	15.600	ppbv	98
39) 1,2-Dichloropropane	7.089	63	1250963	14.925	ppbv	95
40) 1,4-Dioxane	7.298	88	487849	15.302	ppbv #	1
41) Tetrahydrofuran	5.565	42	1218791	15.660	ppbv	99
42) Bromodichloromethane	7.266	83	2975454	15.723	ppbv	99
43) Methyl Methacrylate	7.491	69	1325616	16.747	ppbv	99
44) 2,2,4-Trimethylpentane	7.343	57	5315904	15.013	ppbv	99
45) t-1,3-Dichloropropene	8.725	75	1356398	19.560	ppbv	99

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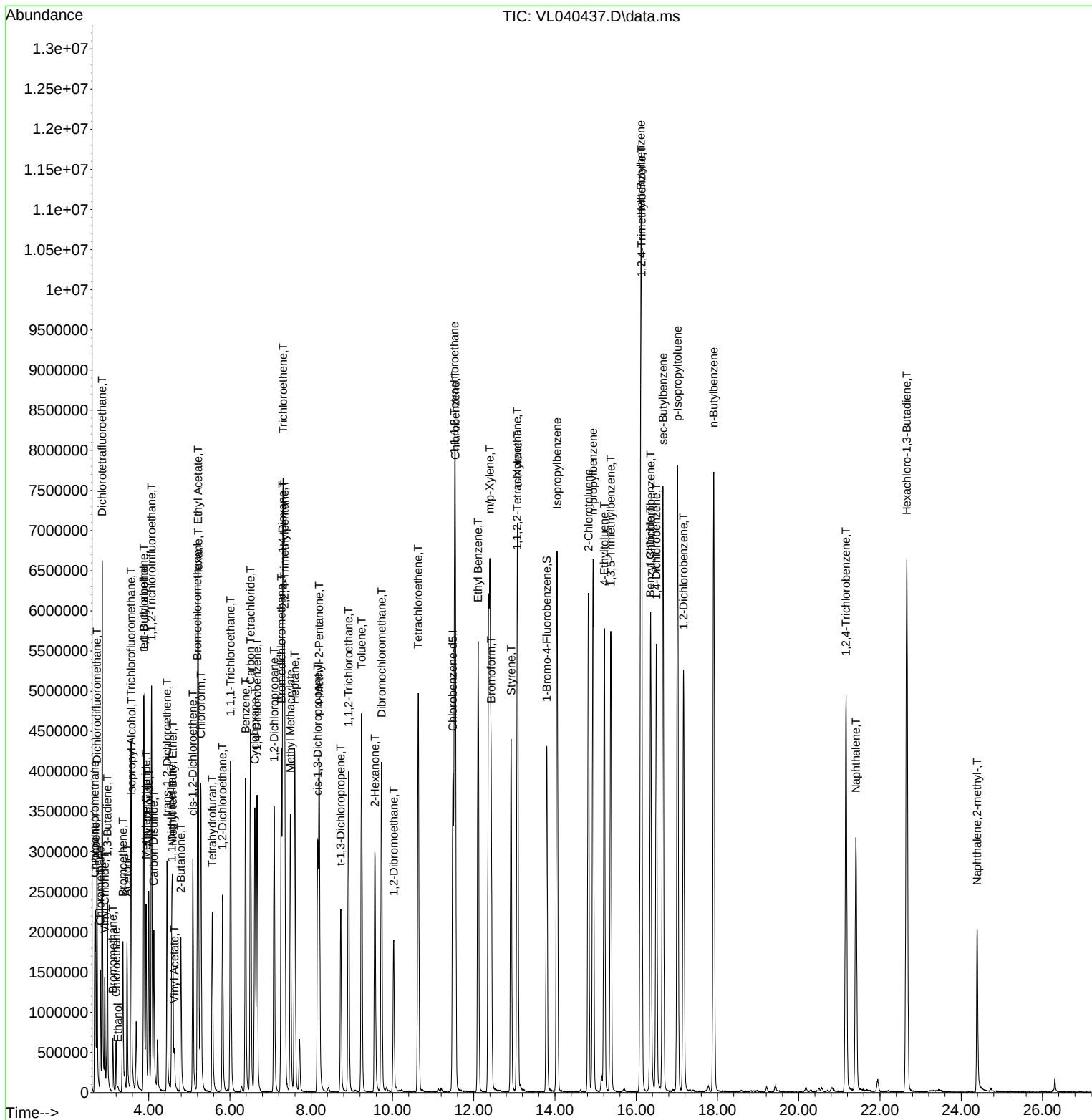
Quant Time: May 17 07:29:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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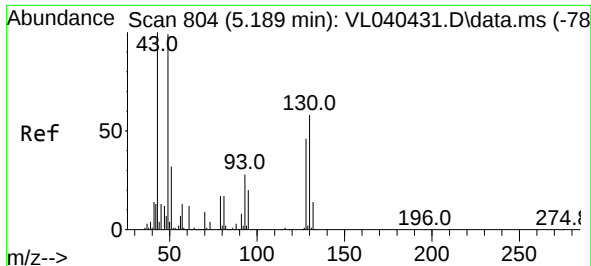
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.159	75	1764329	18.005	ppbv	99
47) 1,1,2-Trichloroethane	8.918	97	1394868	15.247	ppbv	97
48) Dibromochloromethane	9.732	129	2442545	16.715	ppbv	99
49) Bromoform	12.429	173	2016376	17.491	ppbv	100
50) 4-Methyl-2-Pentanone	8.195	43	3421966	15.794	ppbv	100
51) 2-Hexanone	9.568	43	2726399	17.084	ppbv #	100
52) Tetrachloroethene	10.635	164	1143593	15.739	ppbv	98
53) Toluene	9.240	91	3766287	16.665	ppbv	100
54) 1,2-Dibromoethane	10.031	107	1544105	16.890	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.529	131	1754765	15.243	ppbv	94
57) Chlorobenzene	11.548	112	2979283	14.887	ppbv	99
58) Ethyl Benzene	12.108	91	5187427	16.490	ppbv	98
59) m/p-Xylene	12.397	91	4777863	16.652	ppbv #	38
60) o-Xylene	13.082	91	4380359	16.040	ppbv	99
61) Styrene	12.921	104	2584990	18.689	ppbv	99
62) Isopropylbenzene	14.053	105	6132180	15.364	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.069	83	1334512	13.548	ppbv	99
64) n-propylbenzene	14.937	120	1599695	16.244	ppbv	94
65) tert-Butylbenzene	16.114	119	5376528	15.359	ppbv	100
66) Benzyl Chloride	16.349	91	374708	18.040	ppbv	99
67) sec-Butylbenzene	16.661	105	7586730	15.049	ppbv	99
69) p-Isopropyltoluene	17.018	119	6168851	15.578	ppbv	99
70) n-Butylbenzene	17.908	91	6747437	15.289	ppbv	99
71) 2-Chlorotoluene	14.825	91	4822548	15.881	ppbv	99
72) 4-Ethyltoluene	15.214	105	5074092	16.387	ppbv	99
73) 1,3,5-Trimethylbenzene	15.375	105	4515330	15.884	ppbv	98
74) 1,2,4-Trimethylbenzene	16.133	105	4938140	15.099	ppbv	99
75) 1,3-Dichlorobenzene	16.355	146	2785449	15.480	ppbv	99
76) 1,4-Dichlorobenzene	16.497	146	2720564	15.633	ppbv	99
77) 1,2-Dichlorobenzene	17.169	146	2658981	15.252	ppbv	100
78) Hexachloro-1,3-Butadiene	22.660	225	1851994	14.199	ppbv	100
79) Naphthalene	21.407	128	3909872	19.774	ppbv	100
80) Naphthalene,2-methyl-	24.394	142	1326936	23.438	ppbv	99
81) 1,2,4-Trichlorobenzene	21.162	180	2052845	16.771	ppbv	99

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

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed May 17 05:12:40 2023
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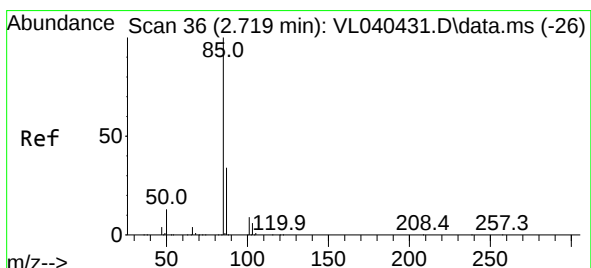
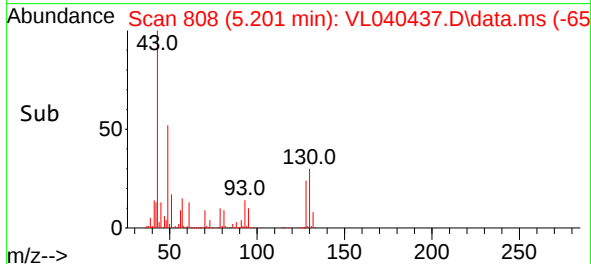
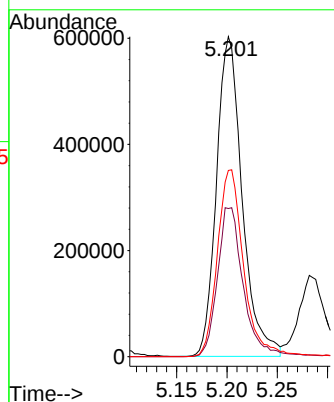
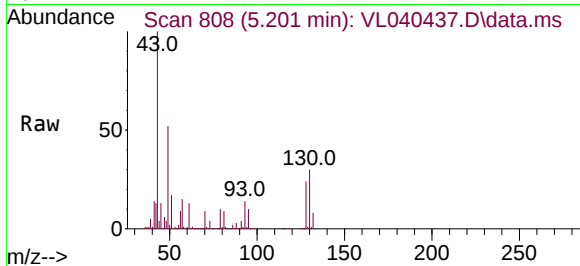




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.201 min Scan# 80
 Delta R.T. -0.004 min
 Lab File: VL040437.D
 Acq: 16 May 2023 13:33

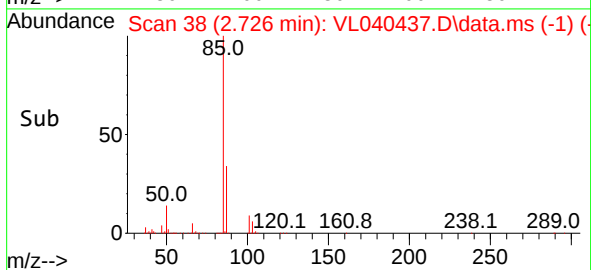
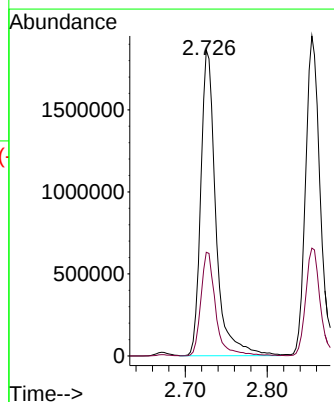
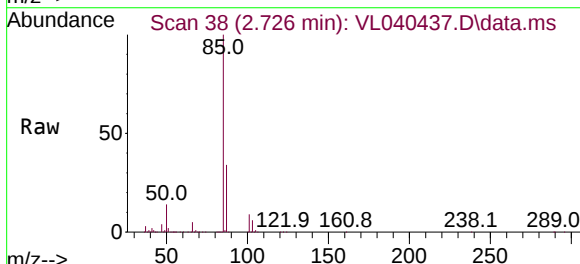
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

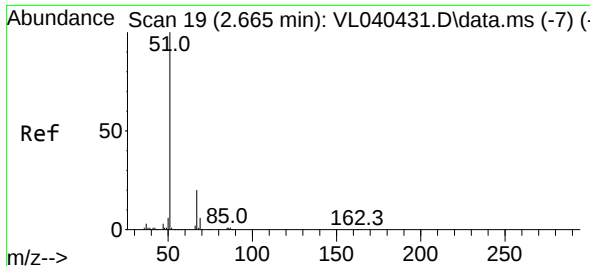
Tgt Ion: 49 Resp: 1070772
 Ion Ratio Lower Upper
 49 100
 128 47.5 24.3 72.8
 130 60.9 30.2 90.6



#2
 Dichlorodifluoromethane
 Concen: 11.351 ppbv
 RT: 2.726 min Scan# 38
 Delta R.T. -0.003 min
 Lab File: VL040437.D
 Acq: 16 May 2023 13:33

Tgt Ion: 85 Resp: 2387532
 Ion Ratio Lower Upper
 85 100
 87 33.9 27.4 41.0

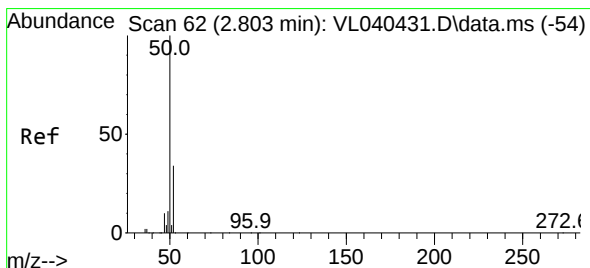
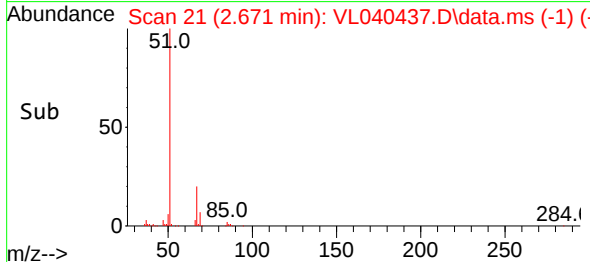
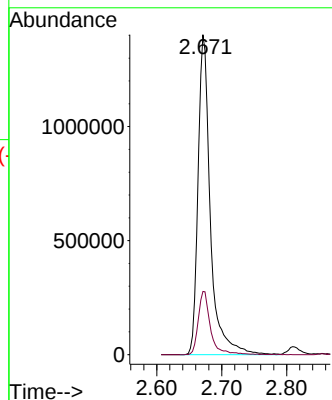
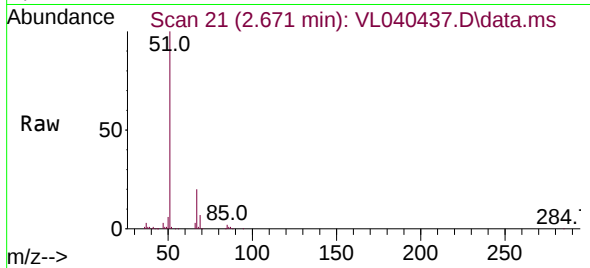




#3
Chlorodifluoromethane
Concen: 13.398 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

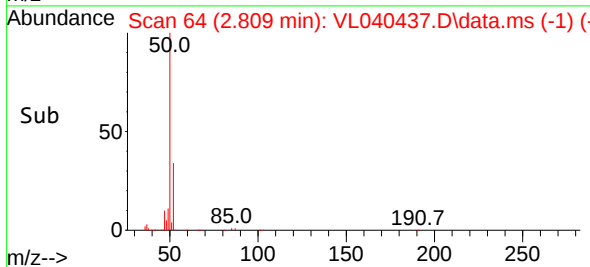
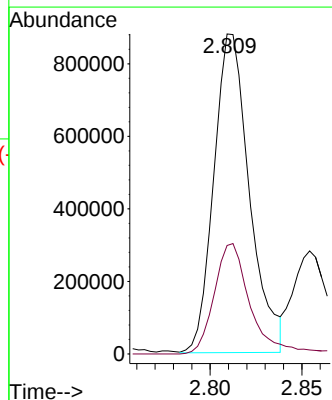
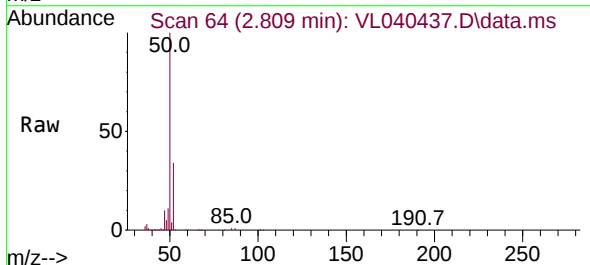
Instrument :
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ClientSampleId :
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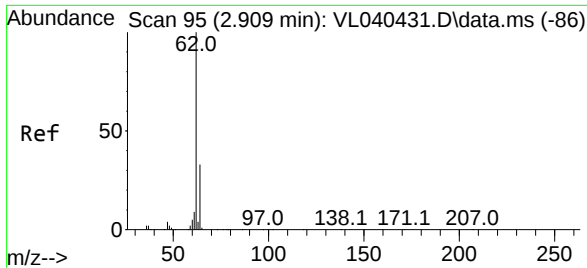
Tgt Ion: 51 Resp: 1852910
Ion Ratio Lower Upper
51 100
67 19.8 15.8 23.6



#4
Chloromethane
Concen: 13.826 ppbv
RT: 2.809 min Scan# 64
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 50 Resp: 1187610
Ion Ratio Lower Upper
50 100
52 34.1 27.6 41.4

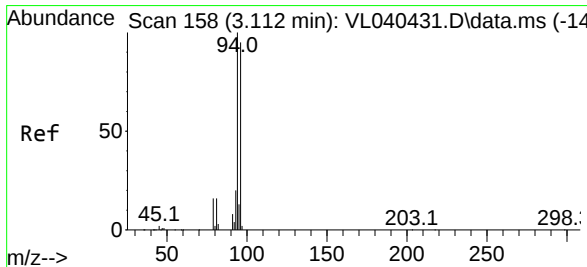
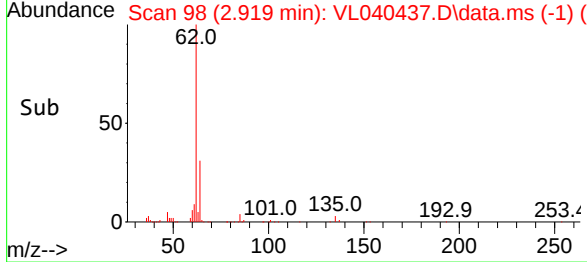
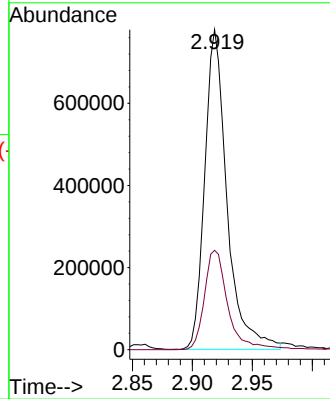
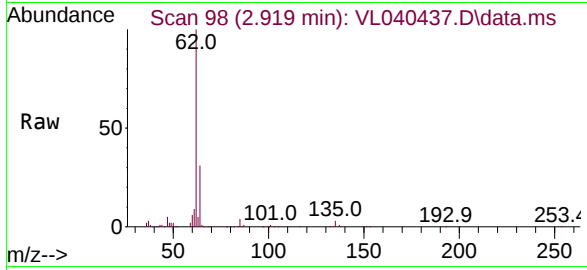




#5
 Vinyl Chloride
 Concen: 13.229 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040437.D
 Acq: 16 May 2023 13:33

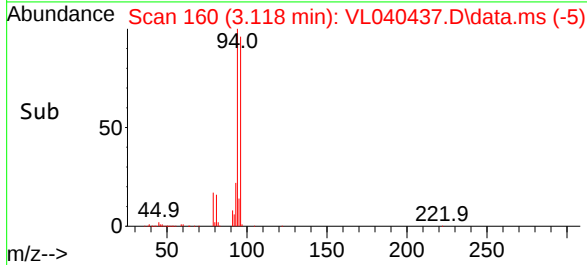
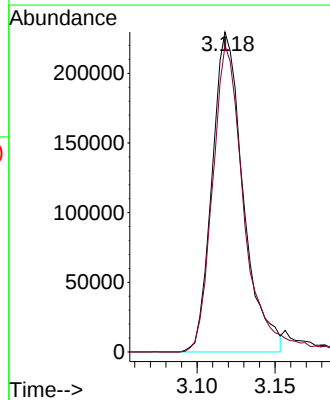
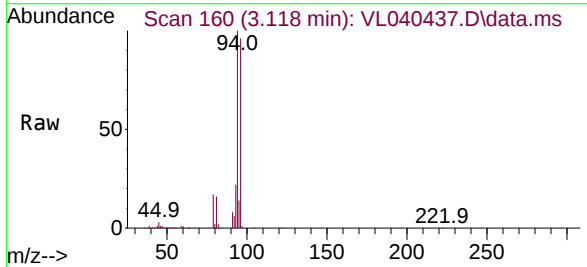
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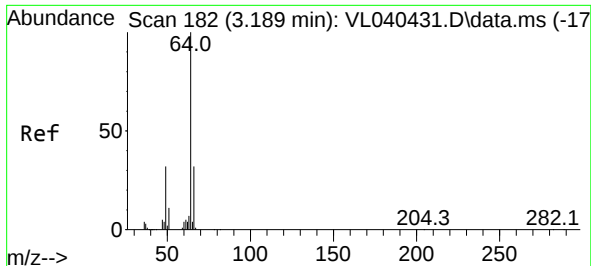
Tgt Ion: 62 Resp: 1008535
 Ion Ratio Lower Upper
 62 100
 64 31.0 26.6 40.0



#6
 Bromomethane
 Concen: 13.713 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VL040437.D
 Acq: 16 May 2023 13:33

Tgt Ion: 94 Resp: 317821
 Ion Ratio Lower Upper
 94 100
 96 95.7 75.7 113.5

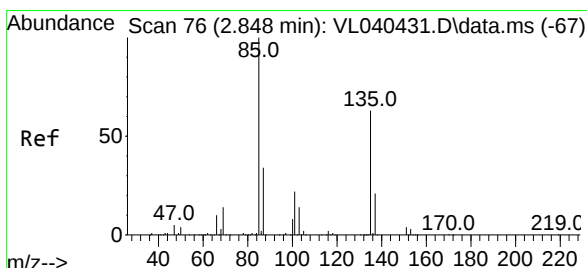
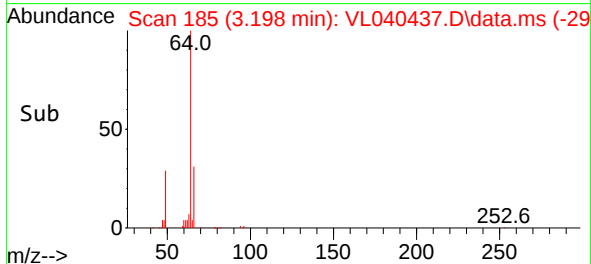
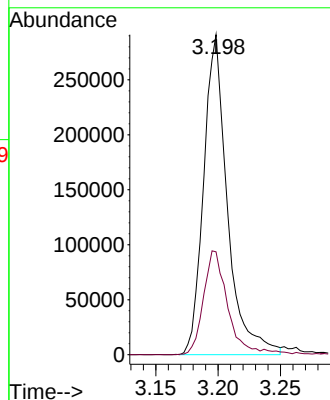
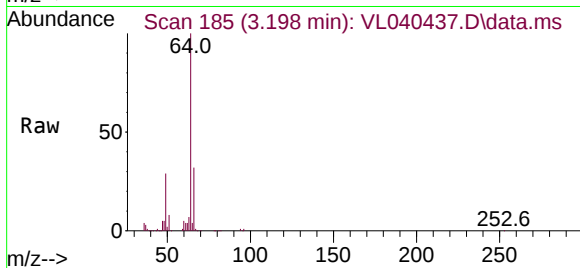




#7
Chloroethane
Concen: 14.358 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

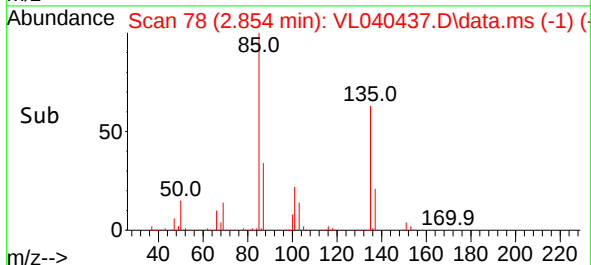
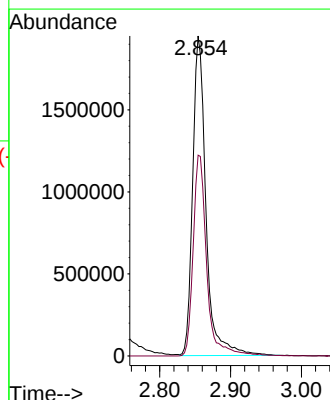
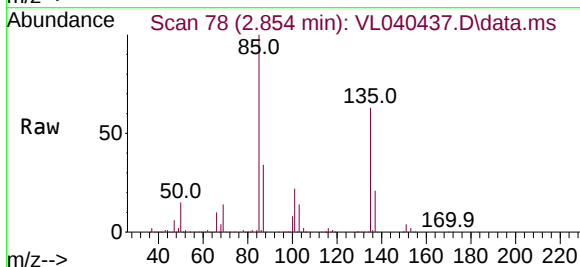
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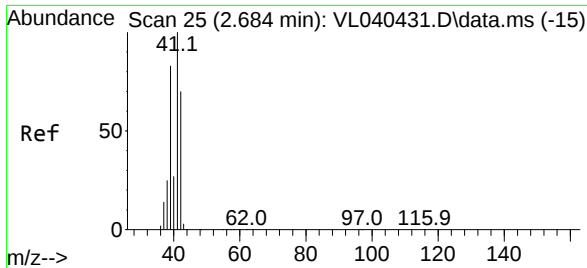
Tgt Ion: 64 Resp: 386773
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.8



#8
Dichlorotetrafluoroethane
Concen: 13.404 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 85 Resp: 2533518
Ion Ratio Lower Upper
85 100
135 64.4 50.6 75.8

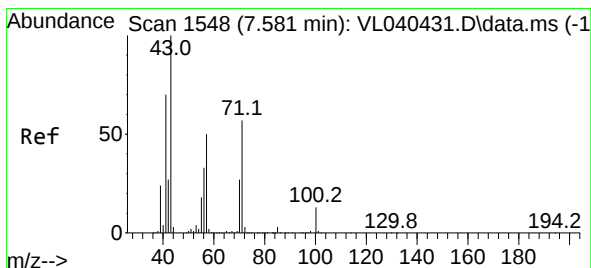
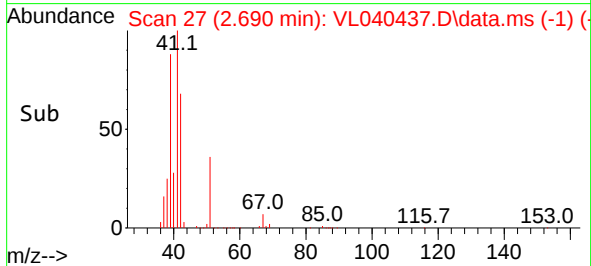
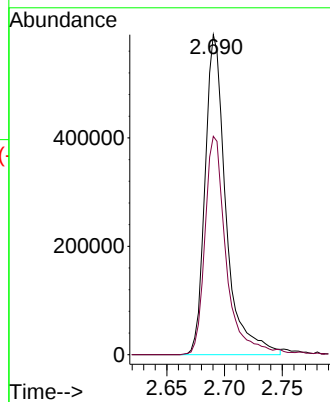
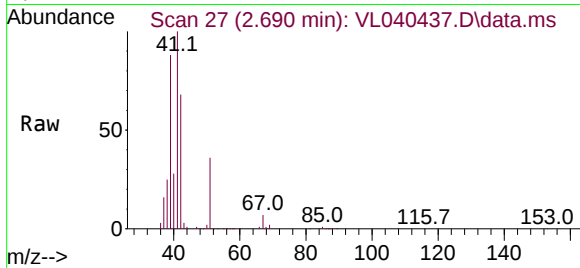




#9
Propene
Concen: 13.802 ppbv
RT: 2.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

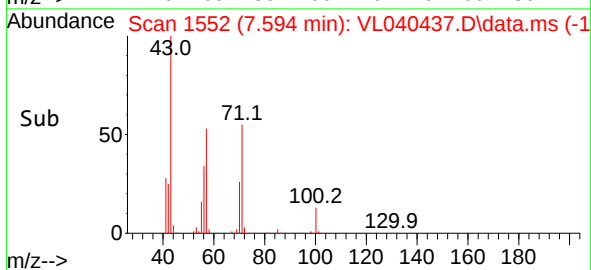
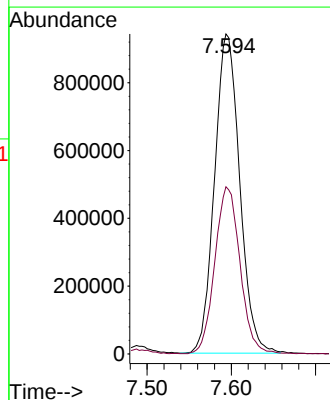
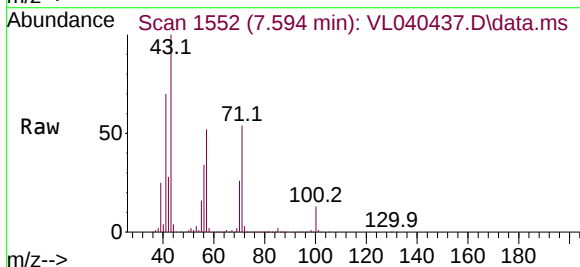
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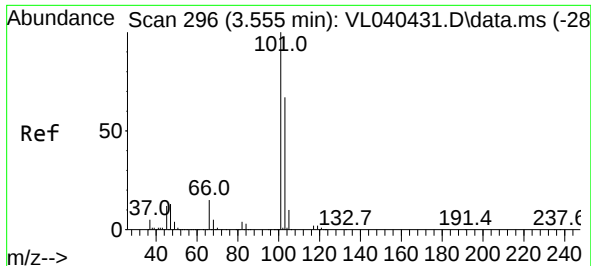
Tgt Ion: 41 Resp: 742519
Ion Ratio Lower Upper
41 100
42 70.5 56.6 84.8



#10
Heptane
Concen: 15.703 ppbv
RT: 7.594 min Scan# 1552
Delta R.T. -0.003 min
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Acq: 16 May 2023 13:33

Tgt Ion: 43 Resp: 1952094
Ion Ratio Lower Upper
43 100
57 52.8 42.2 63.2

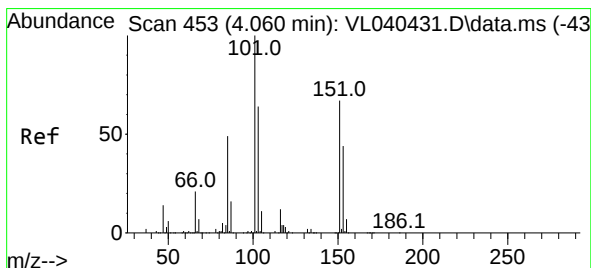
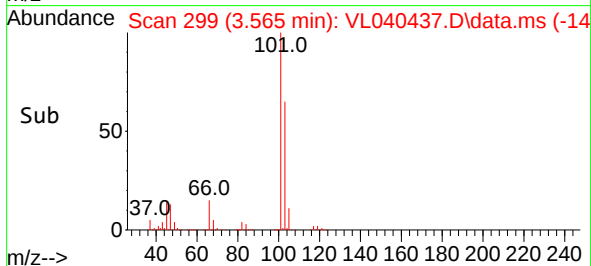
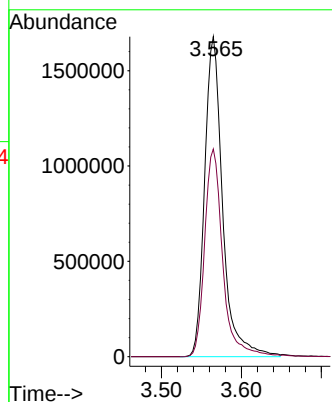
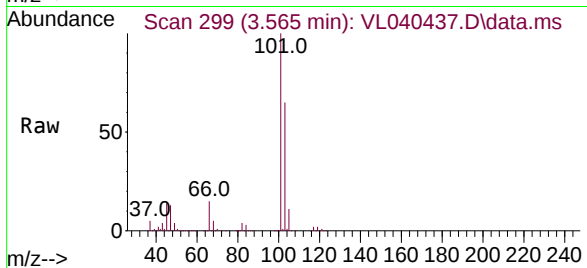




#11
Trichlorofluoromethane
Concen: 13.857 ppbv
RT: 3.565 min Scan# 296
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

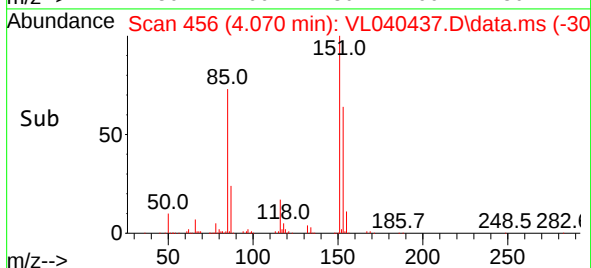
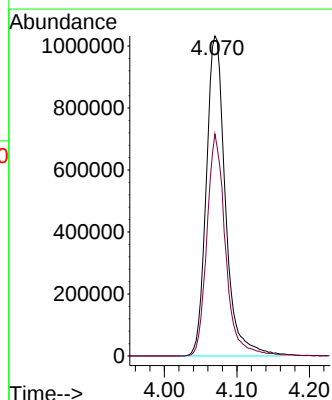
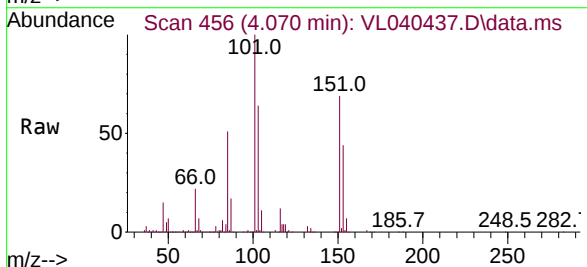
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

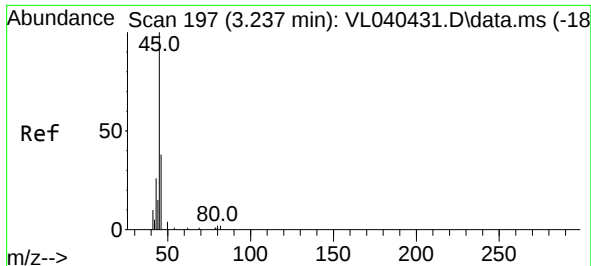
Tgt Ion:101 Resp: 2631865
Ion Ratio Lower Upper
101 100
103 64.9 53.3 79.9



#12
1,1,2-Trichlorotrifluoroethane
Concen: 13.585 ppbv
RT: 4.070 min Scan# 456
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion:101 Resp: 1892040
Ion Ratio Lower Upper
101 100
151 67.6 53.8 80.6

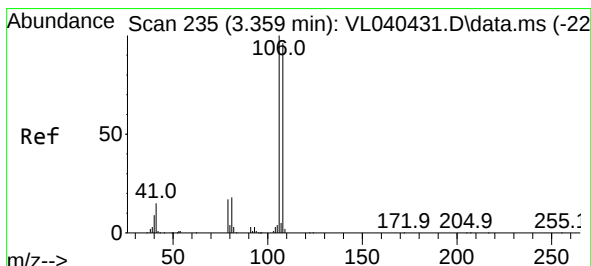
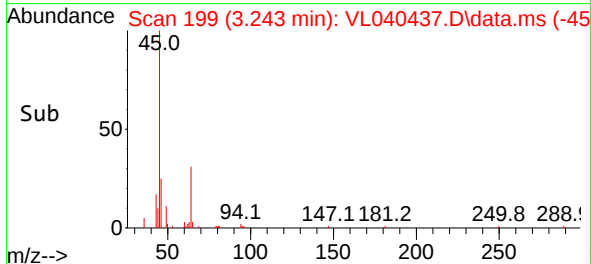
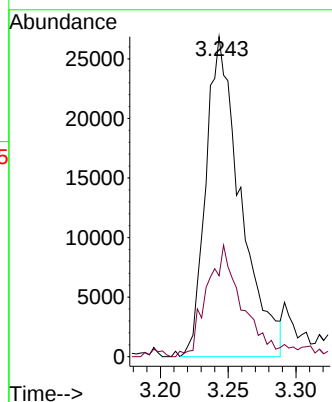
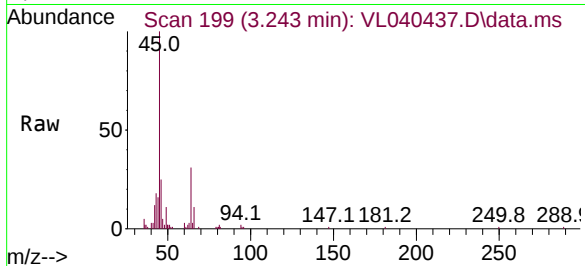




#13
Ethanol
Concen: 11.755 ppbv
RT: 3.243 min Scan# 197
Delta R.T. -0.006 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

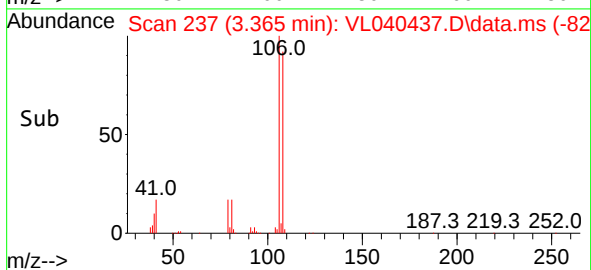
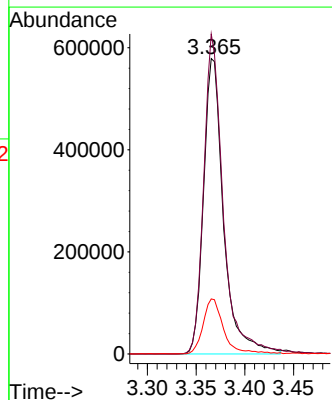
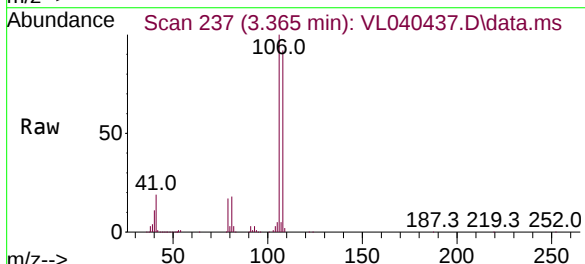
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

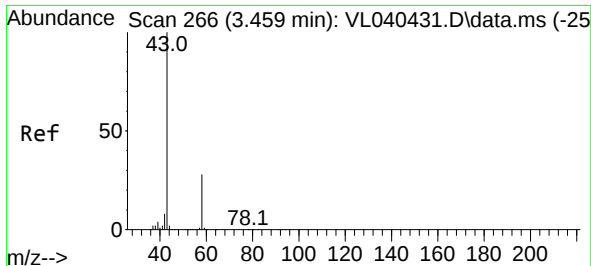
Tgt Ion: 45 Resp: 47927
Ion Ratio Lower Upper
45 100
46 39.4 13.2 52.8



#14
Bromoethene
Concen: 14.907 ppbv
RT: 3.365 min Scan# 237
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 108 Resp: 827631
Ion Ratio Lower Upper
108 100
106 106.5 89.5 134.3
79 19.3 16.1 24.1





#15

Acetone

Concen: 13.335 ppbv

RT: 3.468 min Scan# 2

Delta R.T. 0.000 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

Instrument :

MSVOA_L

ClientSampleId :

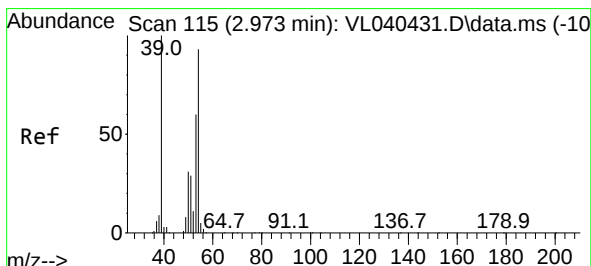
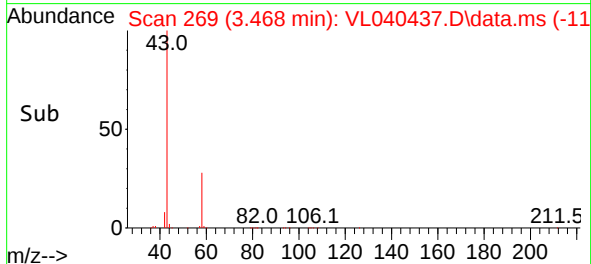
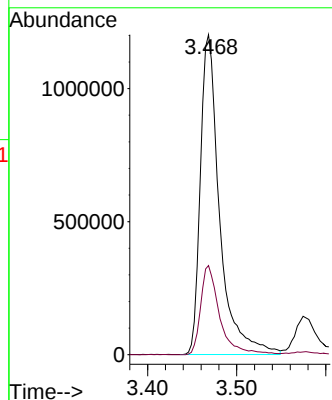
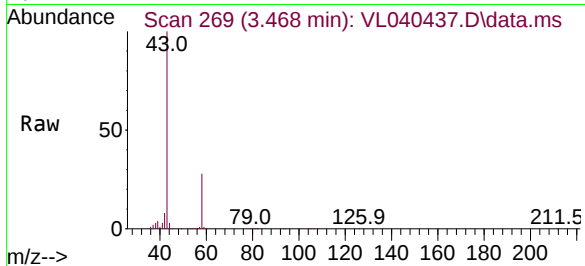
VSTDICC015

Tgt Ion: 43 Resp: 1806364

Ion Ratio Lower Upper

43 100

58 27.5 22.2 33.4



#16

1,3-Butadiene

Concen: 14.596 ppbv

RT: 2.983 min Scan# 118

Delta R.T. -0.003 min

Lab File: VL040437.D

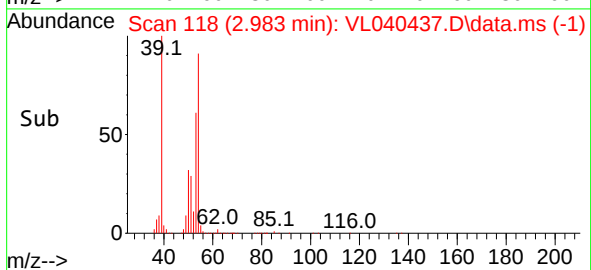
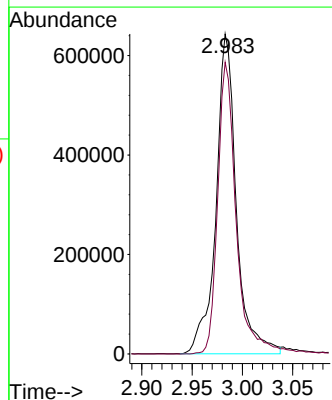
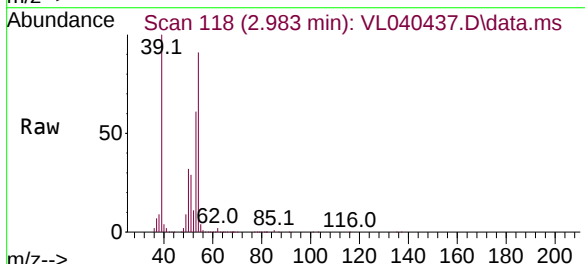
Acq: 16 May 2023 13:33

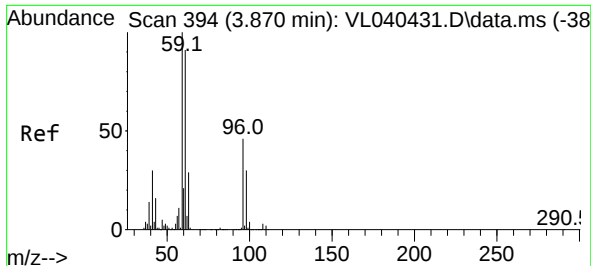
Tgt Ion: 39 Resp: 907562

Ion Ratio Lower Upper

39 100

54 84.0 68.9 103.3





#17

tert-Butyl alcohol

Concen: 12.860 ppbv

RT: 3.880 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

Instrument :

MSVOA_L

ClientSampleId :

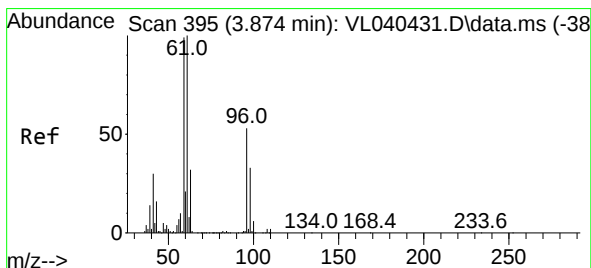
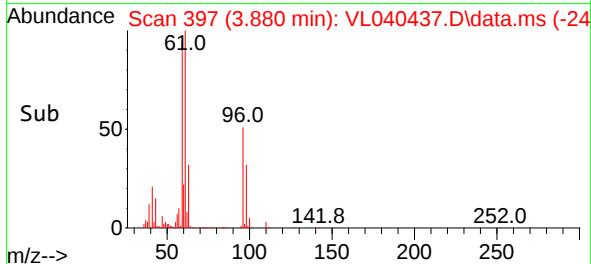
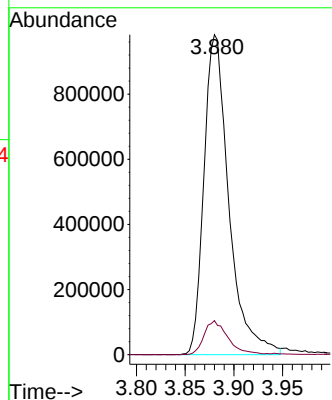
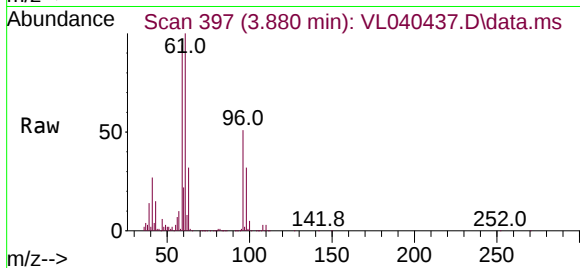
VSTDIC015

Tgt Ion: 59 Resp: 1744850

Ion Ratio Lower Upper

59 100

57 10.5 8.6 12.8



#18

1,1-Dichloroethene

Concen: 14.127 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.003 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

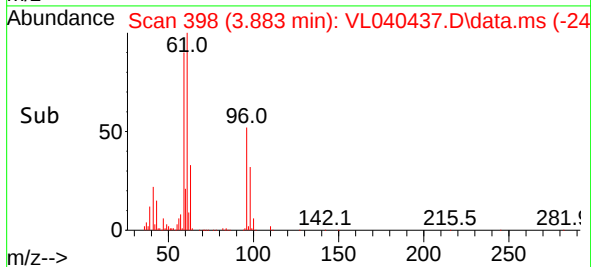
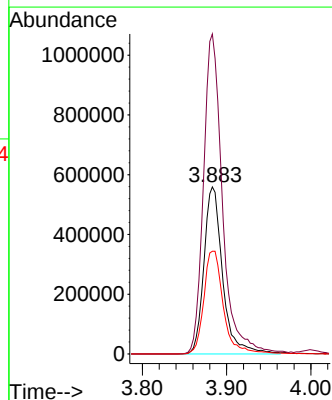
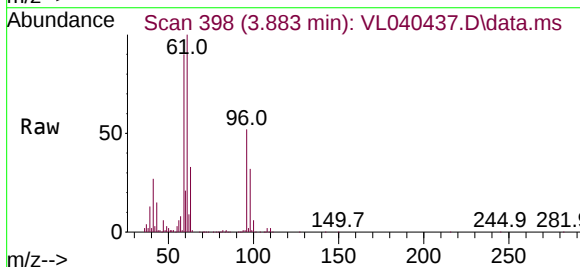
Tgt Ion: 96 Resp: 867269

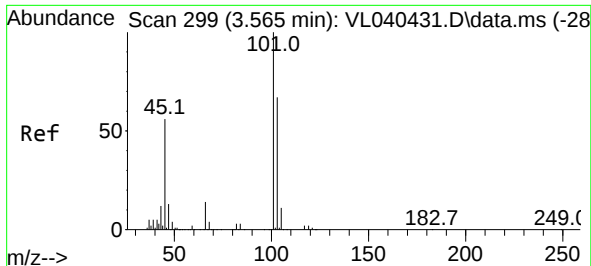
Ion Ratio Lower Upper

96 100

61 191.4 151.8 227.8

98 61.5 50.5 75.7

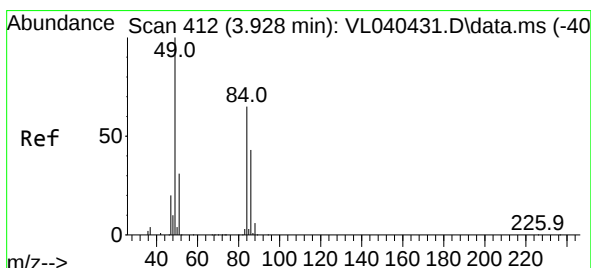
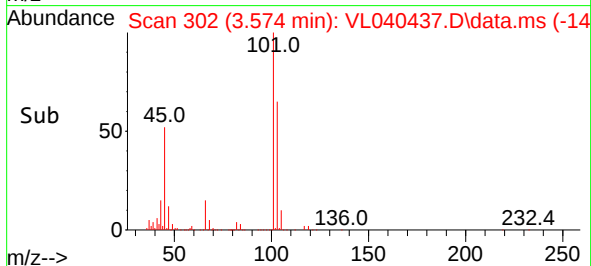
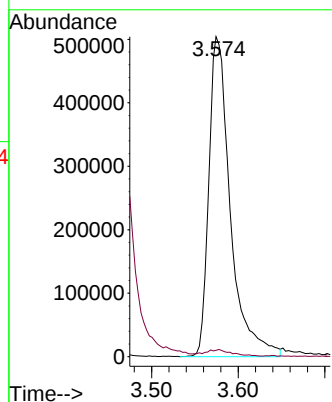
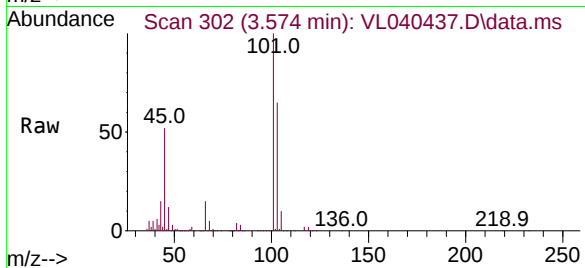




#19
Isopropyl Alcohol
Concen: 13.182 ppbv
RT: 3.574 min Scan# 302
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

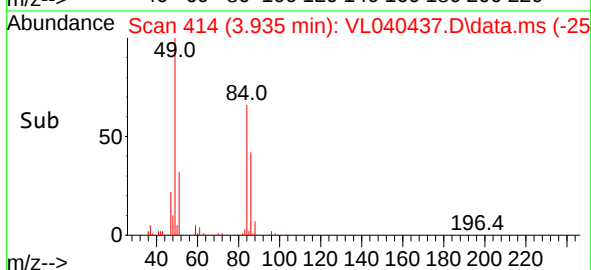
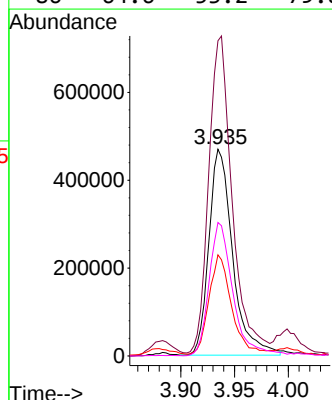
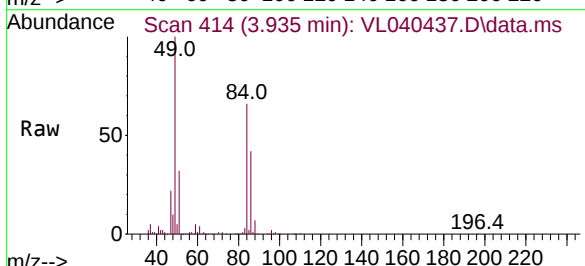
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

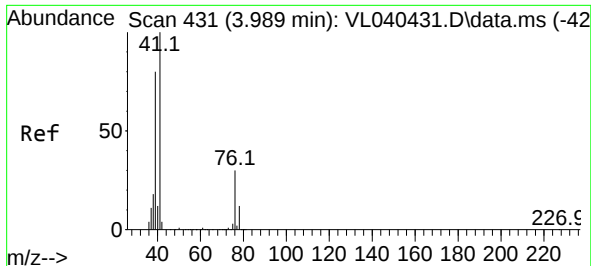
Tgt Ion: 45 Resp: 869775
Ion Ratio Lower Upper
45 100
58 3.3 2.1 3.1#



#20
Methylene Chloride
Concen: 11.987 ppbv
RT: 3.935 min Scan# 414
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 84 Resp: 723356
Ion Ratio Lower Upper
84 100
49 150.9 123.7 185.5
51 47.8 38.6 57.8
86 64.6 53.2 79.8

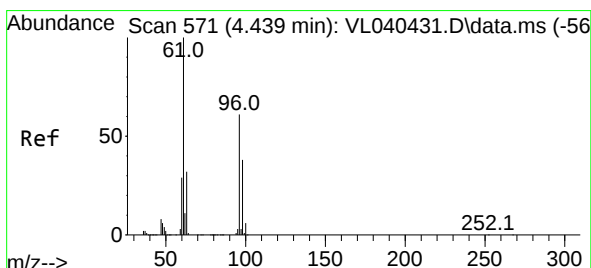
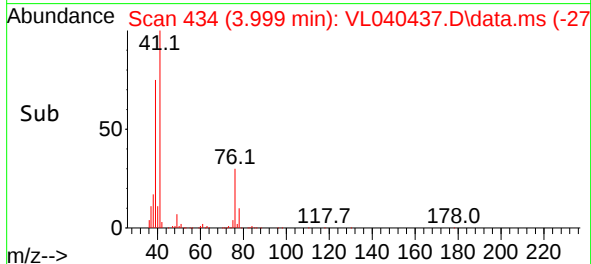
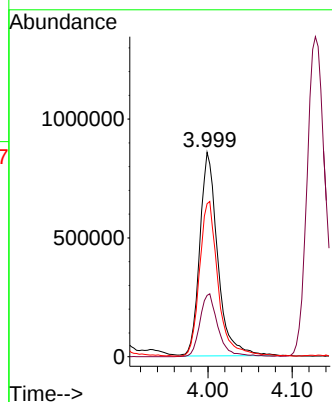
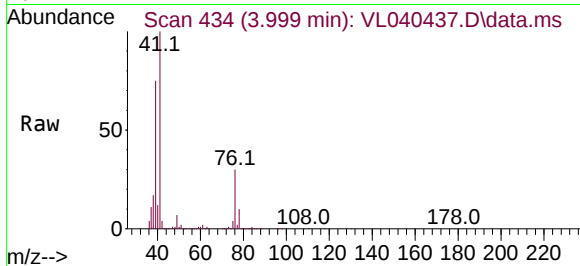




#21
 Allyl Chloride
 Concen: 14.738 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040437.D
 Acq: 16 May 2023 13:33

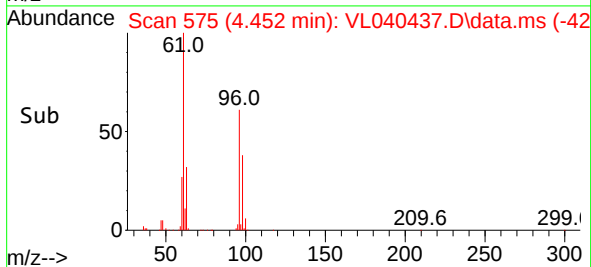
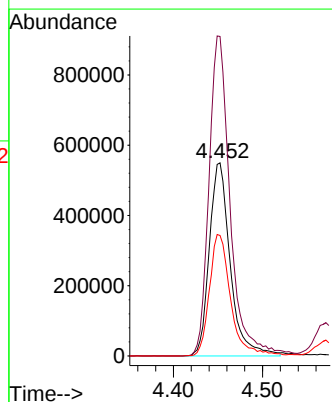
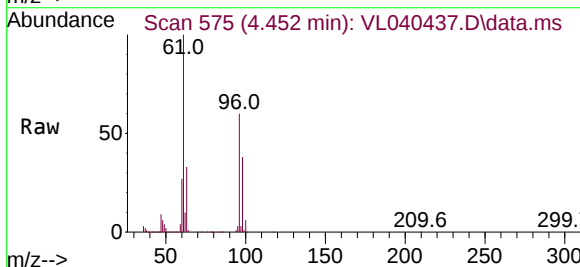
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

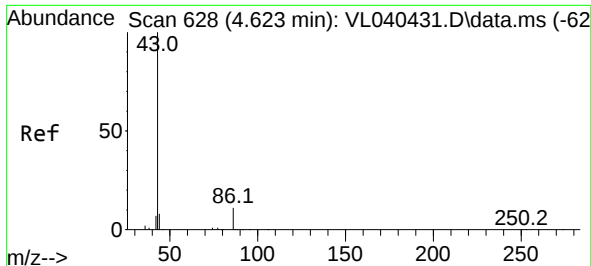
Tgt Ion: 41 Resp: 1276419
 Ion Ratio Lower Upper
 41 100
 76 31.3 25.3 37.9
 39 78.7 63.5 95.3



#22
 trans-1,2-Dichloroethene
 Concen: 14.642 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. -0.003 min
 Lab File: VL040437.D
 Acq: 16 May 2023 13:33

Tgt Ion: 96 Resp: 897724
 Ion Ratio Lower Upper
 96 100
 61 165.4 131.8 197.6
 98 62.4 50.1 75.1



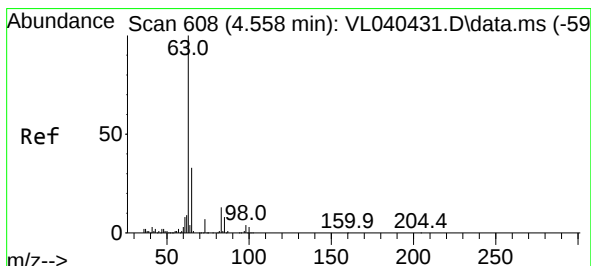
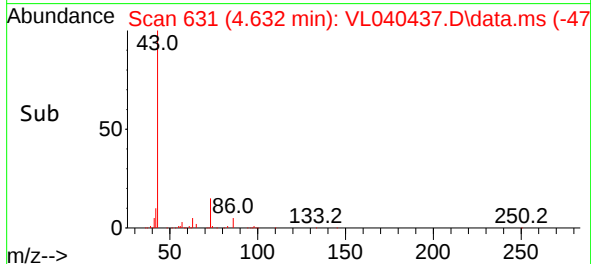
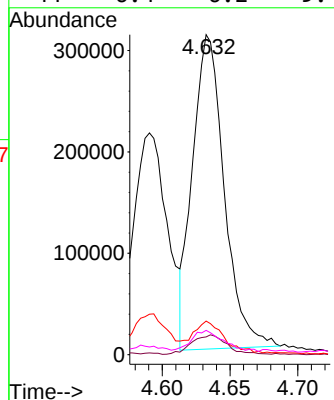
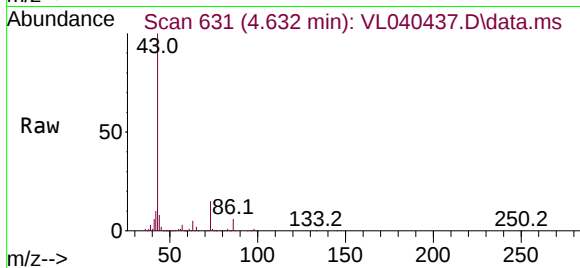


#23
 Vinyl Acetate
 Concen: 13.462 ppbv
 RT: 4.632 min Scan# 611
 Delta R.T. -0.003 min
 Lab File: VL040437.D
 Acq: 16 May 2023 13:33

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

Tgt Ion: 43 Resp: 503982

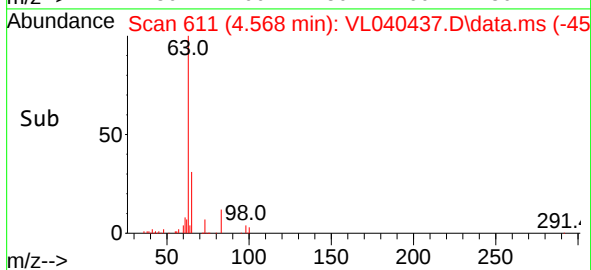
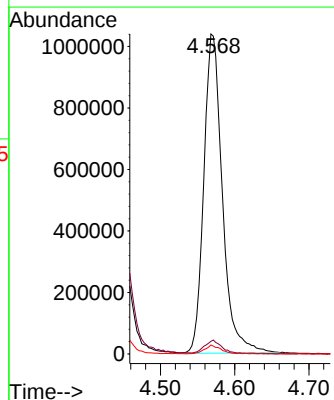
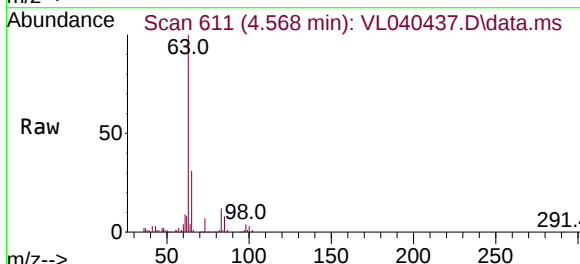
Ion	Ratio	Lower	Upper
43	100		
86	5.5	5.4	8.2
42	10.2	7.8	11.6
44	6.4	6.2	9.4

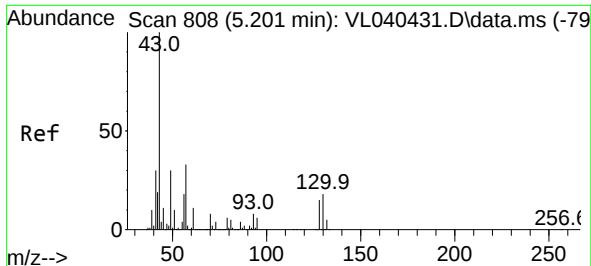


#24
 1,1-Dichloroethane
 Concen: 14.084 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. -0.003 min
 Lab File: VL040437.D
 Acq: 16 May 2023 13:33

Tgt Ion: 63 Resp: 1804169

Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.0	5.8
100	2.8	1.4	4.2



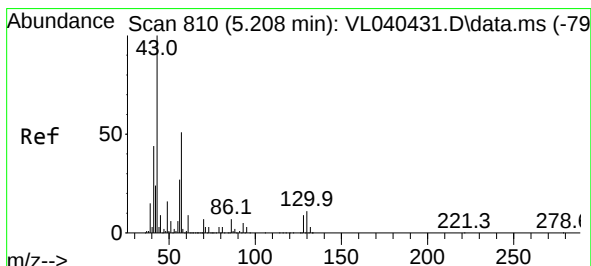
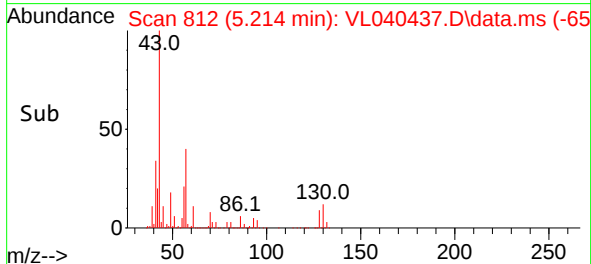
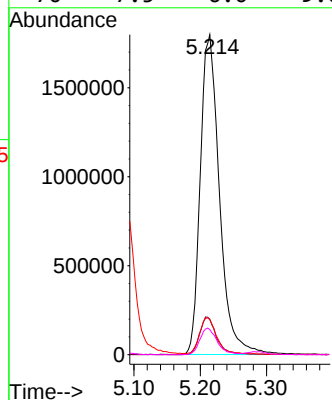
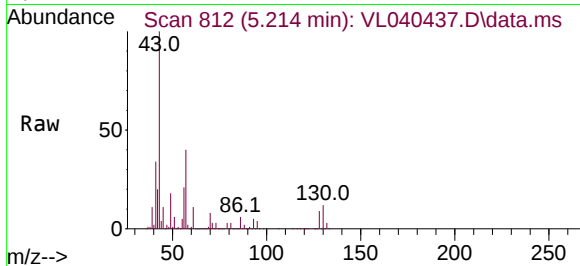


#25
Ethyl Acetate
Concen: 14.208 ppbv
RT: 5.214 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 3624704

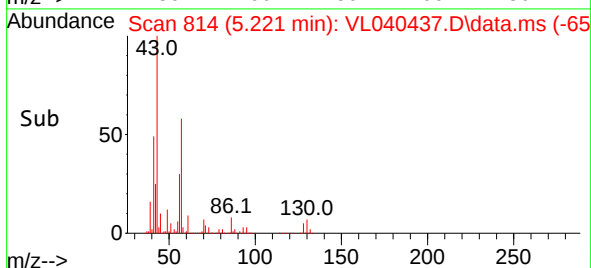
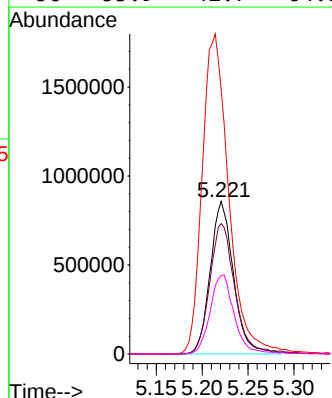
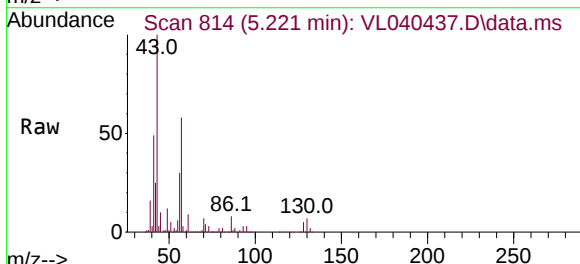
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.6	13.0
61	10.5	8.6	12.8
70	7.5	6.0	9.0

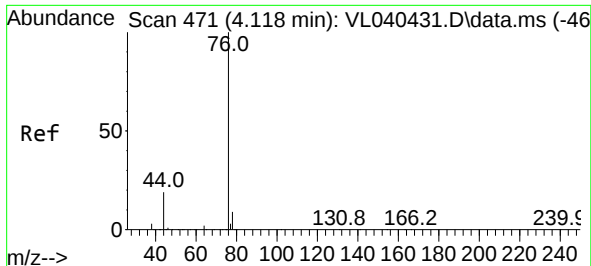


#26
Hexane
Concen: 14.289 ppbv
RT: 5.221 min Scan# 814
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 57 Resp: 1511093

Ion	Ratio	Lower	Upper
57	100		
41	92.9	75.1	112.7
43	240.6	194.4	291.6
56	53.9	42.7	64.1

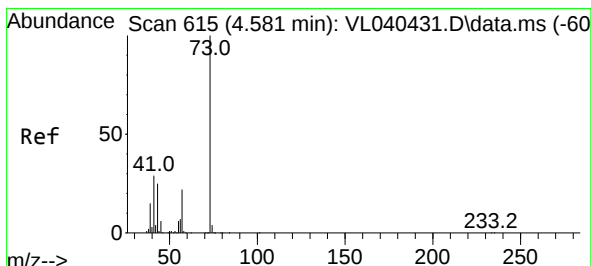
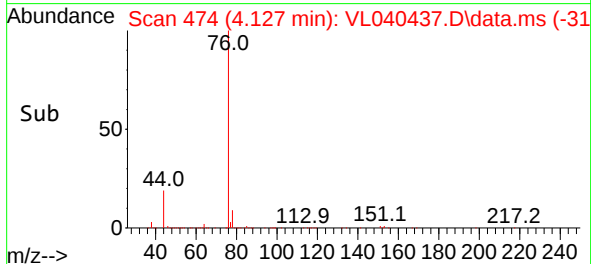
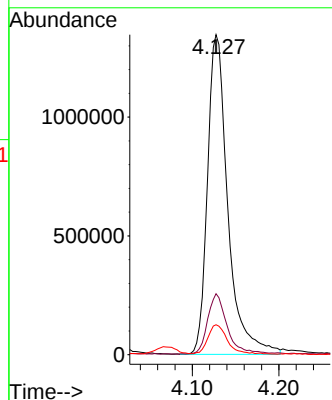
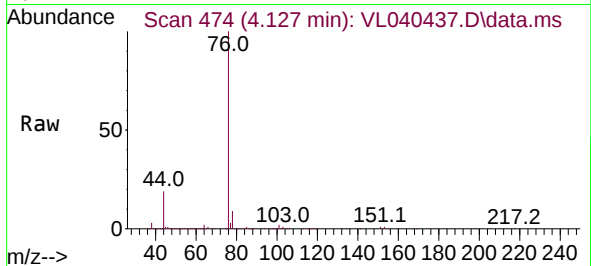




#27
Carbon Disulfide
Concen: 15.811 ppbv
RT: 4.127 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

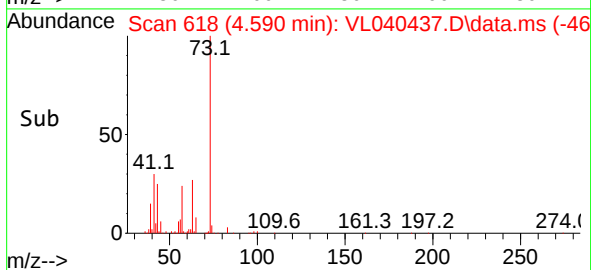
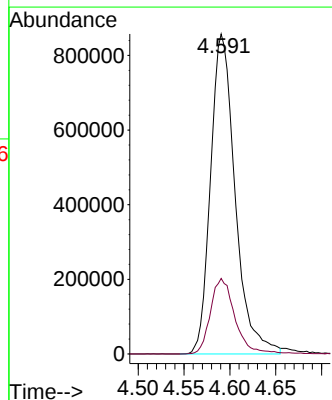
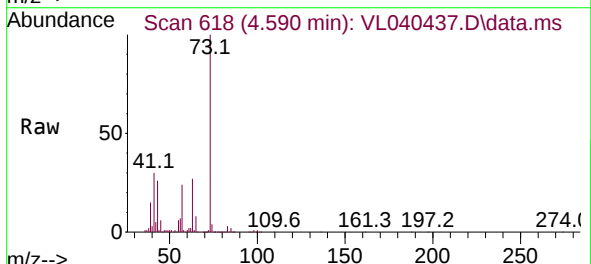
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

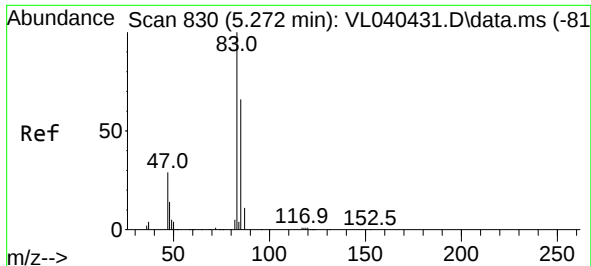
Tgt Ion: 76 Resp: 2197672
Ion Ratio Lower Upper
76 100
44 18.6 15.3 22.9
78 9.3 7.4 11.2



#28
Methyl tert-Butyl Ether
Concen: 14.221 ppbv
RT: 4.590 min Scan# 618
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 73 Resp: 1597690
Ion Ratio Lower Upper
73 100
57 23.8 18.9 28.3





#29

Chloroform

Concen: 13.769 ppbv

RT: 5.285 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

Instrument :

MSVOA_L

ClientSampleId :

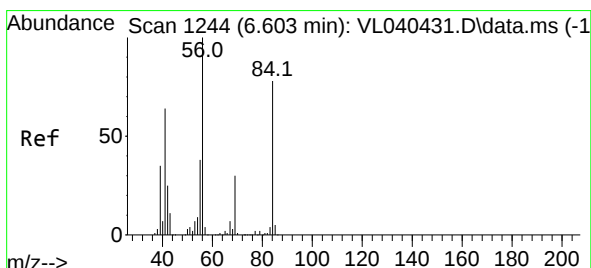
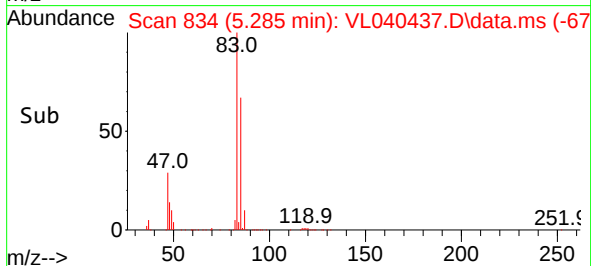
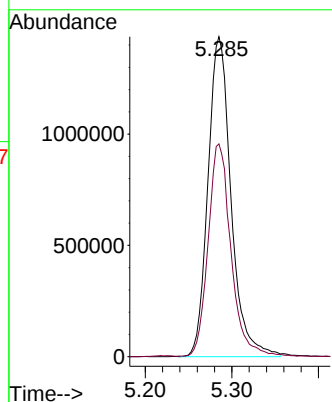
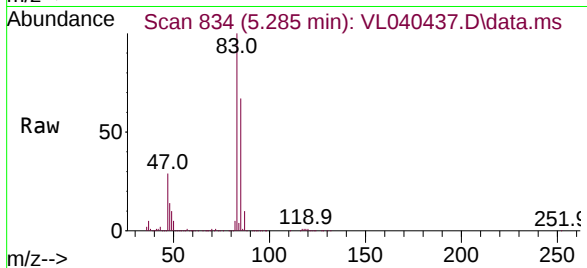
VSTDIC015

Tgt Ion: 83 Resp: 2654883

Ion Ratio Lower Upper

83 100

85 66.3 52.4 78.6



#30

Cyclohexane

Concen: 14.964 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

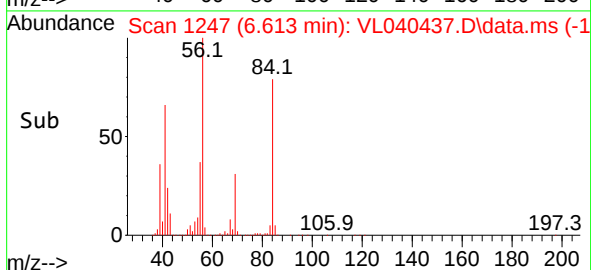
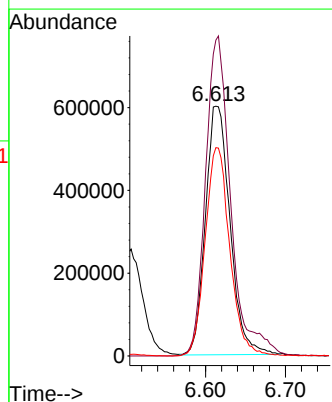
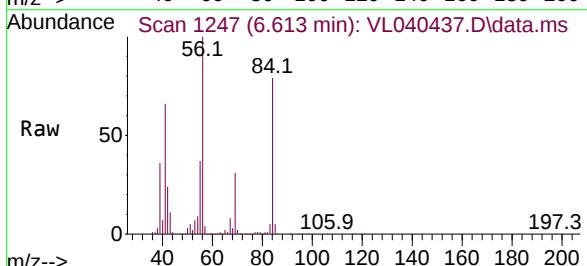
Tgt Ion: 84 Resp: 1287334

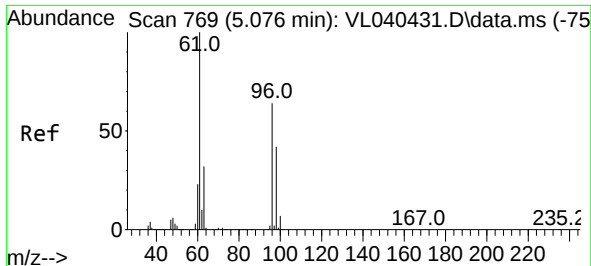
Ion Ratio Lower Upper

84 100

56 132.1 108.2 162.4

41 83.8 66.9 100.3

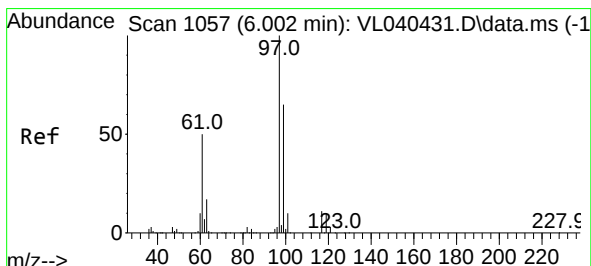
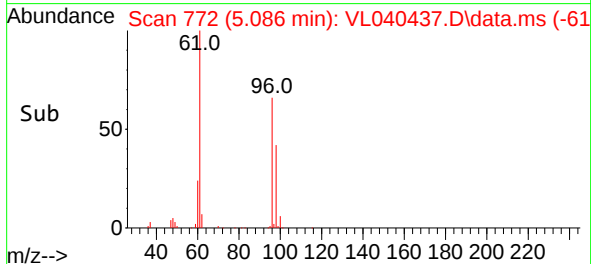
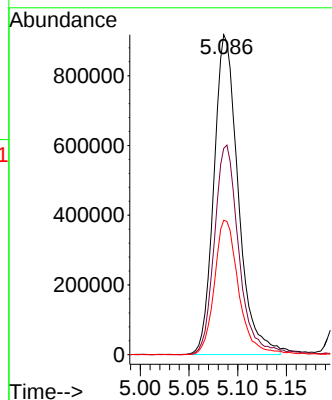
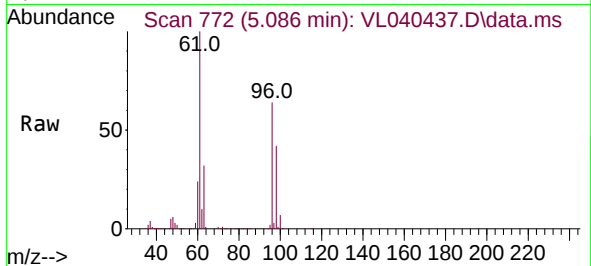




#31
 cis-1,2-Dichloroethene
 Concen: 15.226 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL040437.D
 Acq: 16 May 2023 13:33

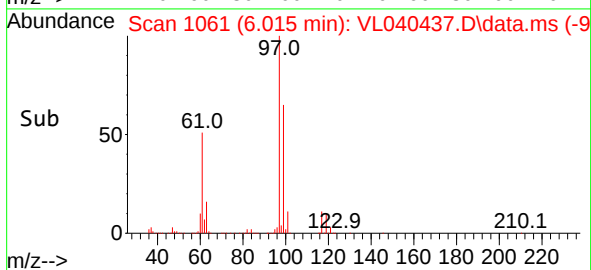
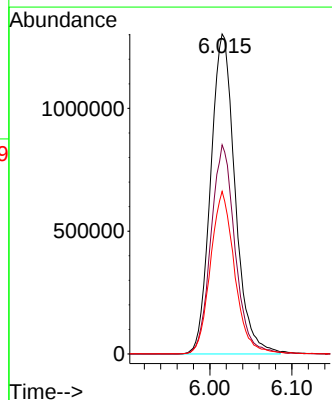
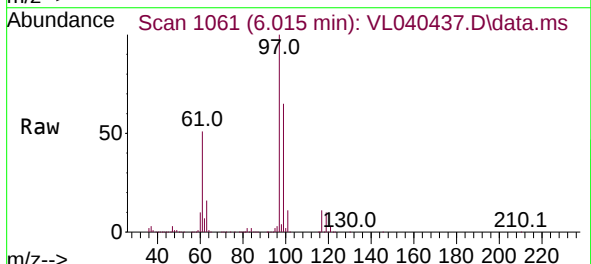
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

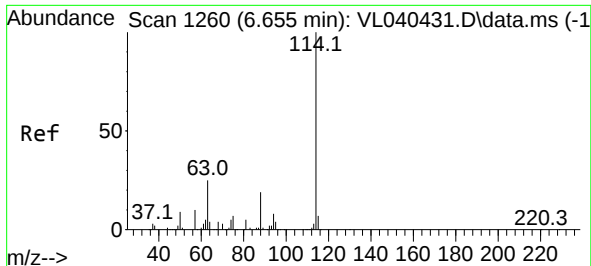
Tgt Ion: 61 Resp: 1594739
 Ion Ratio Lower Upper
 61 100
 96 64.5 51.4 77.0
 98 42.0 33.6 50.4



#32
 1,1,1-Trichloroethane
 Concen: 13.468 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.000 min
 Lab File: VL040437.D
 Acq: 16 May 2023 13:33

Tgt Ion: 97 Resp: 2698026
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.2 78.2
 61 50.7 40.2 60.4

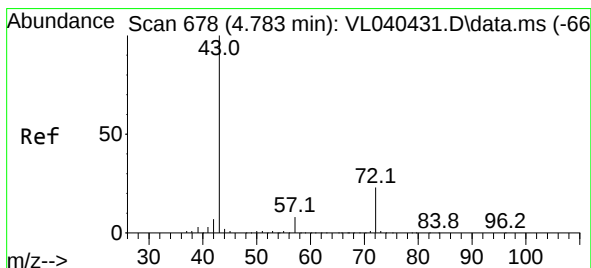
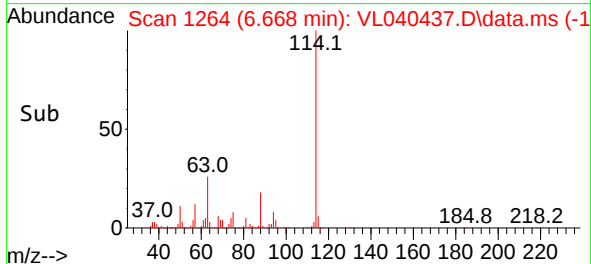
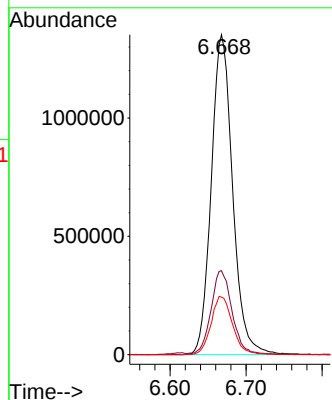
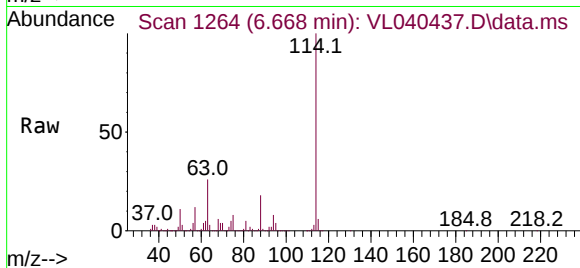




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

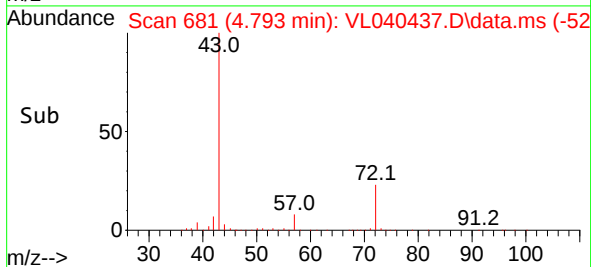
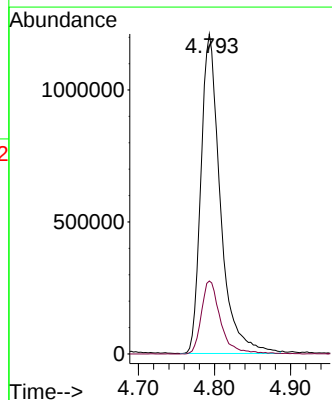
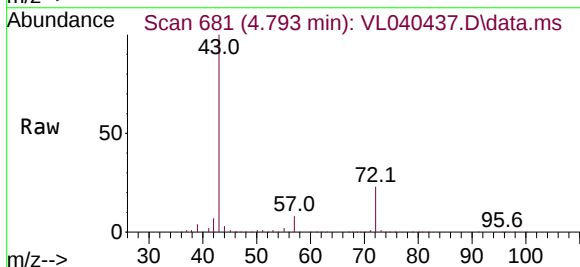
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

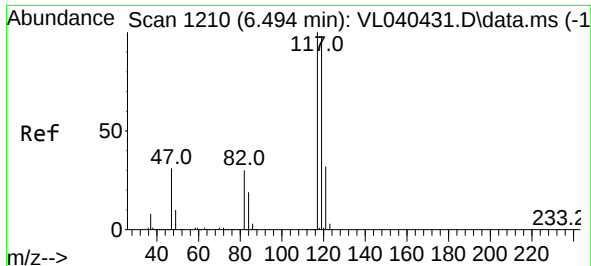
Tgt Ion:114 Resp: 2634492
Ion Ratio Lower Upper
114 100
63 26.7 21.0 31.6
88 18.3 14.6 22.0



#34
2-Butanone
Concen: 15.323 ppbv
RT: 4.793 min Scan# 681
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 43 Resp: 2149004
Ion Ratio Lower Upper
43 100
72 22.8 18.3 27.5

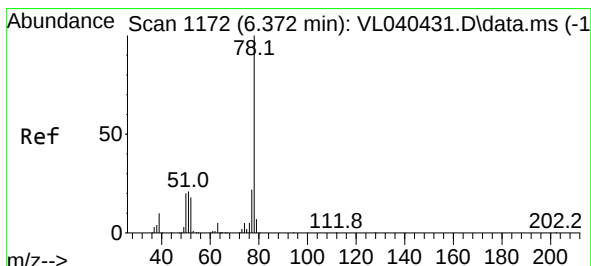
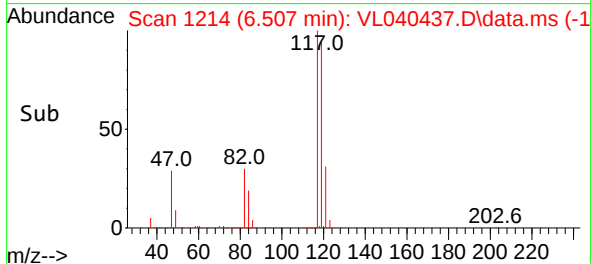
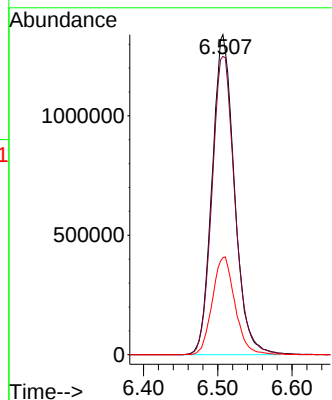
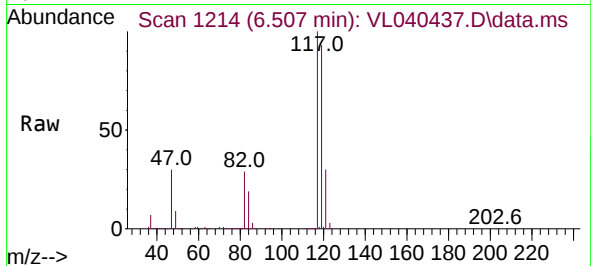




#35
Carbon Tetrachloride
Concen: 14.787 ppbv
RT: 6.507 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

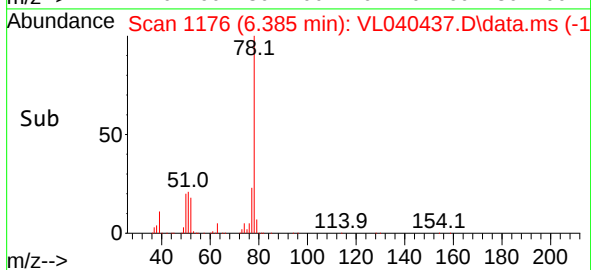
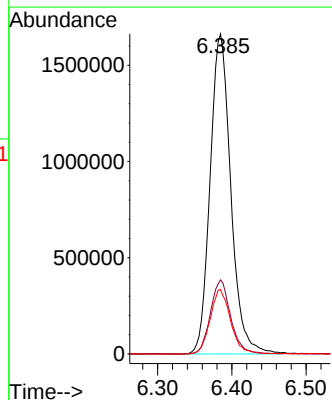
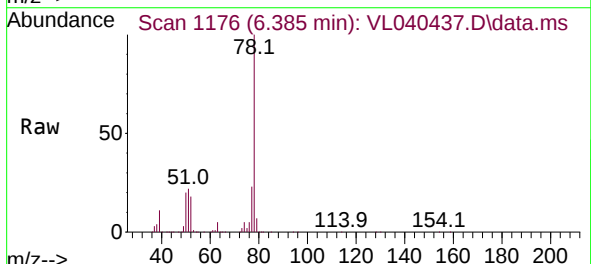
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

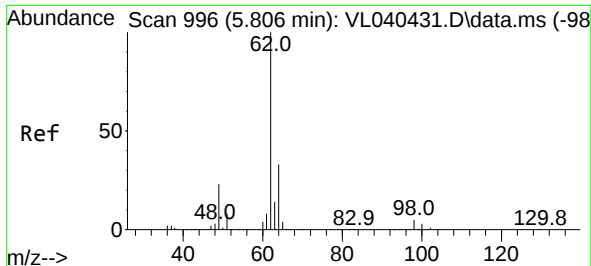
Tgt Ion:117 Resp: 2796150
Ion Ratio Lower Upper
117 100
119 93.2 78.0 117.0
121 30.3 25.2 37.8



#36
Benzene
Concen: 15.042 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 78 Resp: 3218600
Ion Ratio Lower Upper
78 100
77 23.1 17.7 26.5
50 20.1 15.8 23.8

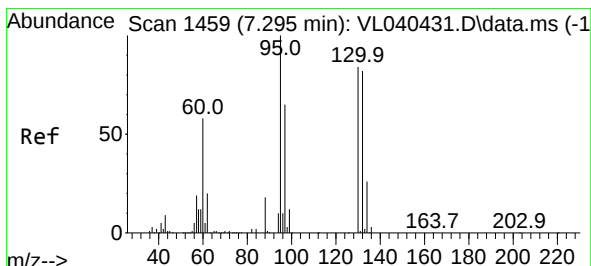
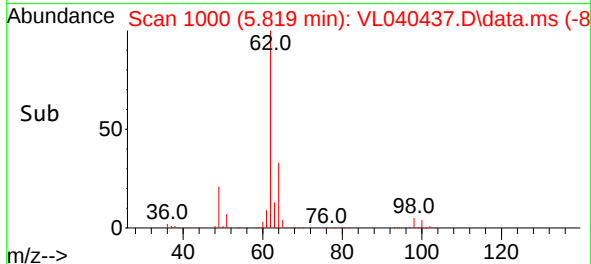
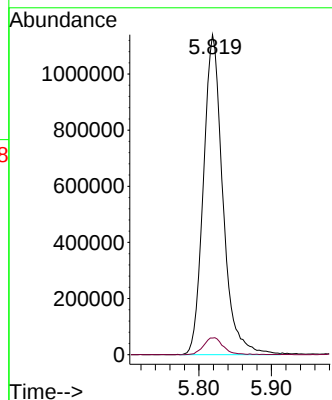
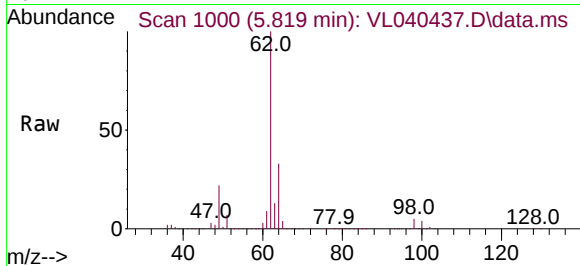




#37
1,2-Dichloroethane
Concen: 15.165 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

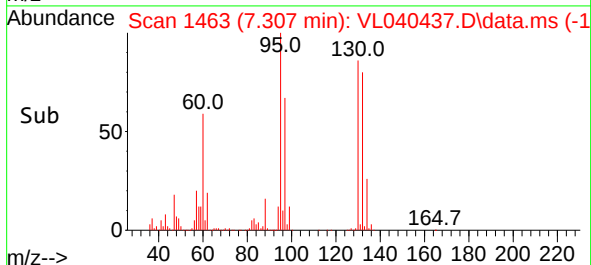
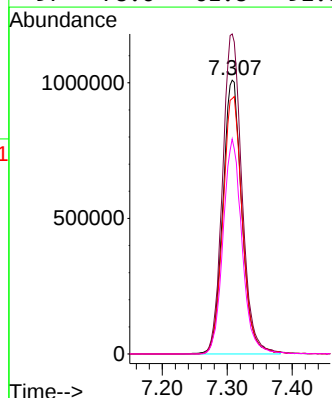
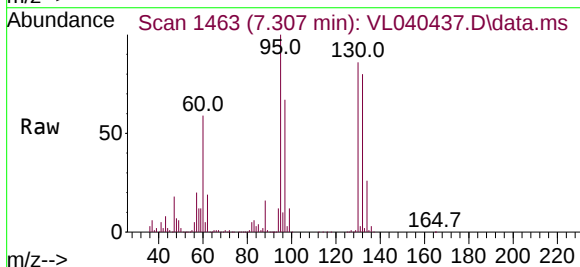
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

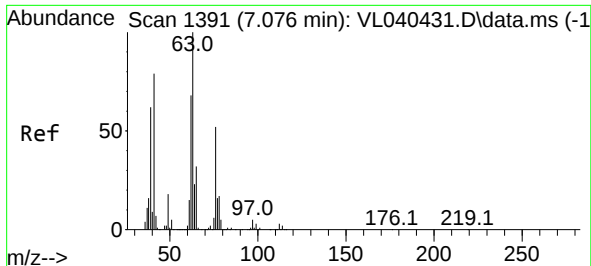
Tgt Ion: 62 Resp: 2120272
Ion Ratio Lower Upper
62 100
98 5.5 4.5 6.7



#38
Trichloroethene
Concen: 15.600 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion:130 Resp: 2056370
Ion Ratio Lower Upper
130 100
95 116.9 94.8 142.2
132 93.3 78.2 117.4
97 78.6 61.8 92.8





#39

1,2-Dichloropropane

Concen: 14.925 ppbv

RT: 7.089 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

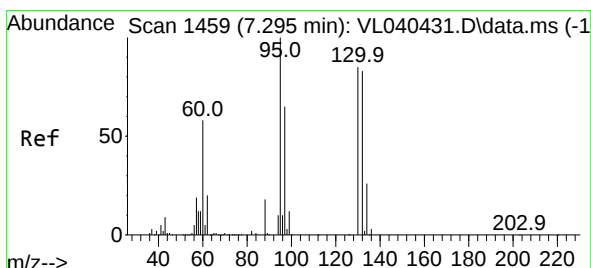
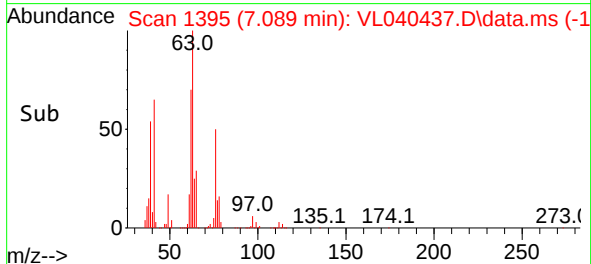
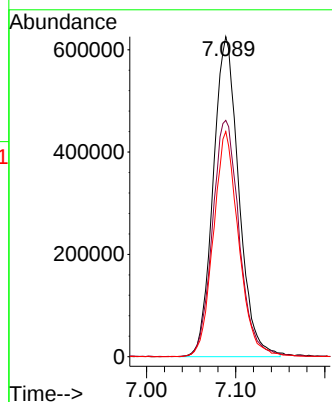
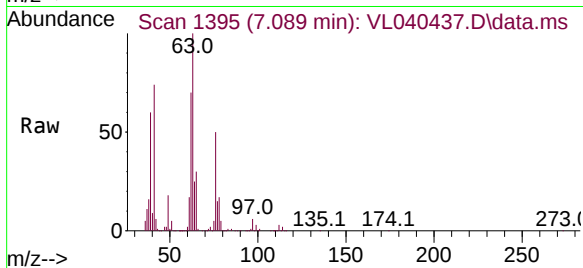
Tgt Ion: 63 Resp: 1250963

Ion Ratio Lower Upper

63 100

41 73.8 63.3 94.9

62 70.2 54.2 81.4



#40

1,4-Dioxane

Concen: 15.302 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

Tgt Ion: 88 Resp: 487849

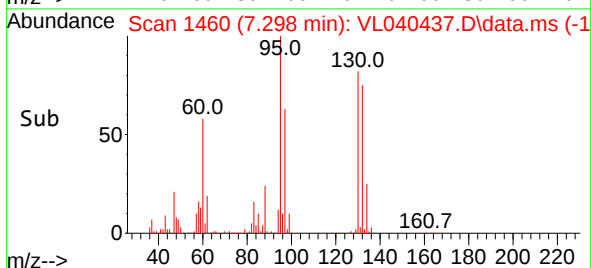
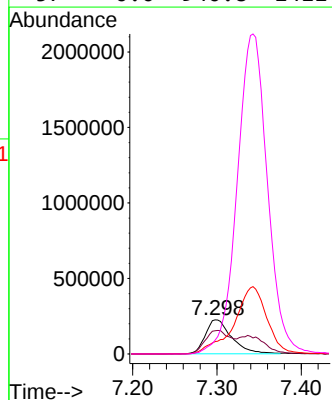
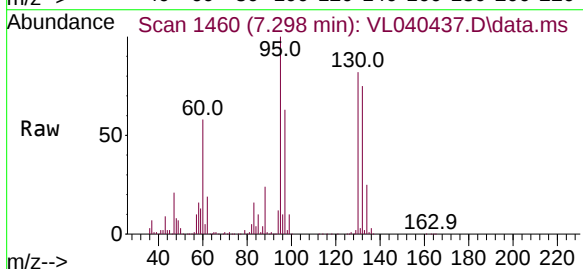
Ion Ratio Lower Upper

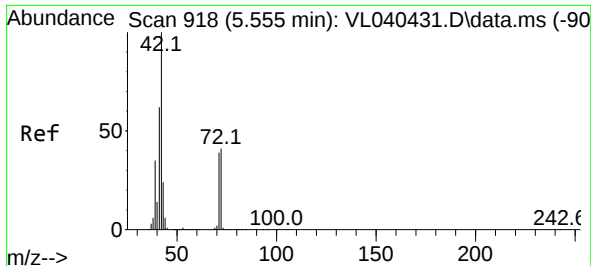
88 100

58 65.0 101.5 152.3#

43 0.0 211.7 317.5#

57 0.0 940.8 1411.2#





#41

Tetrahydrofuran

Concen: 15.660 ppbv

RT: 5.565 min Scan# 918

Delta R.T. -0.003 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

Instrument :

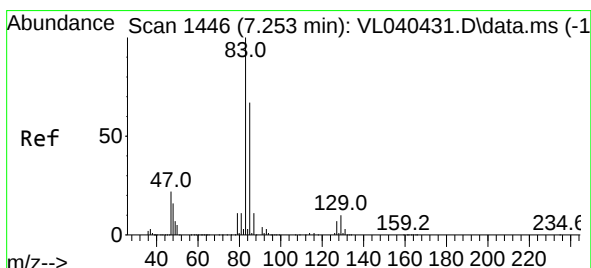
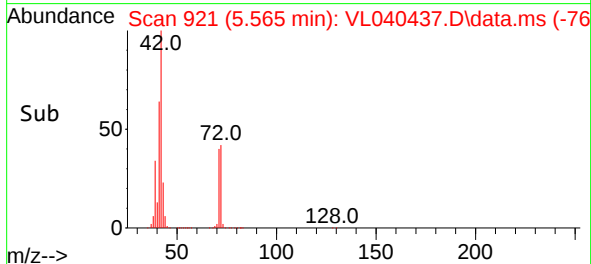
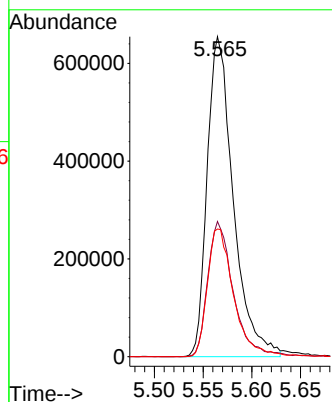
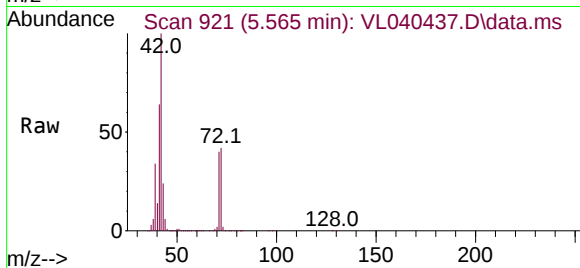
MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 42 Resp: 1218791

Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.0	49.4
71	40.5	32.2	48.2



#42

Bromodichloromethane

Concen: 15.723 ppbv

RT: 7.266 min Scan# 1450

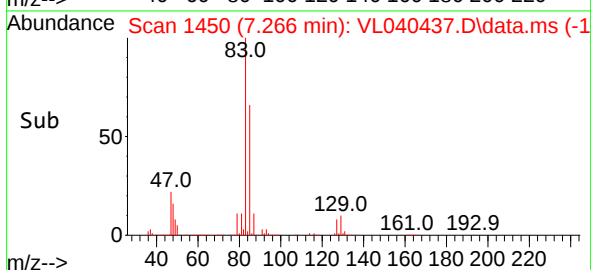
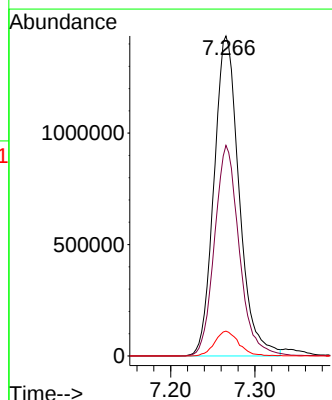
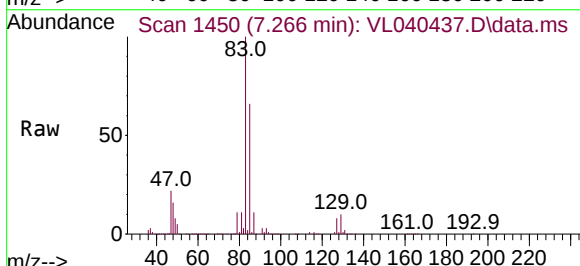
Delta R.T. 0.000 min

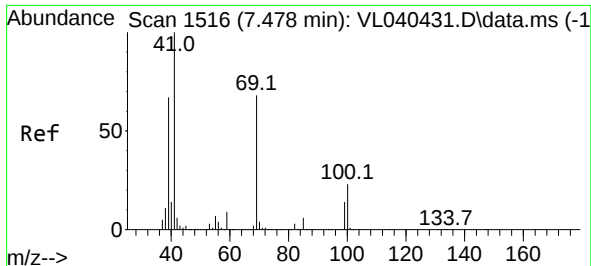
Lab File: VL040437.D

Acq: 16 May 2023 13:33

Tgt Ion: 83 Resp: 2975454

Ion	Ratio	Lower	Upper
83	100		
85	65.8	53.6	80.4
127	7.8	5.9	8.9

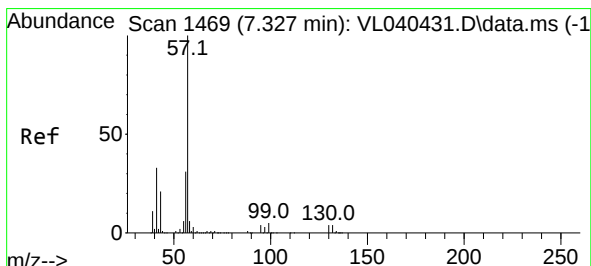
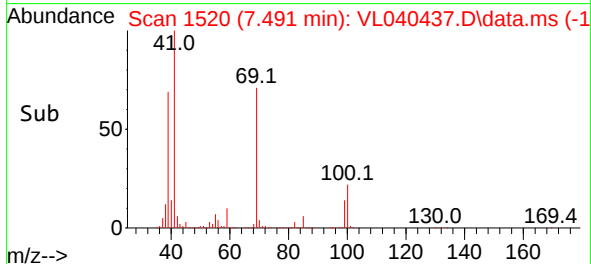
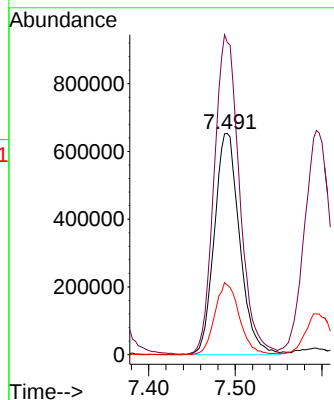
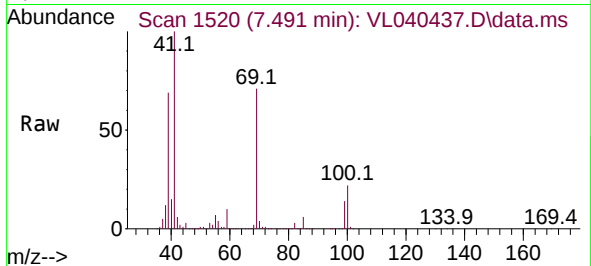




#43
Methyl Methacrylate
Concen: 16.747 ppbv
RT: 7.491 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

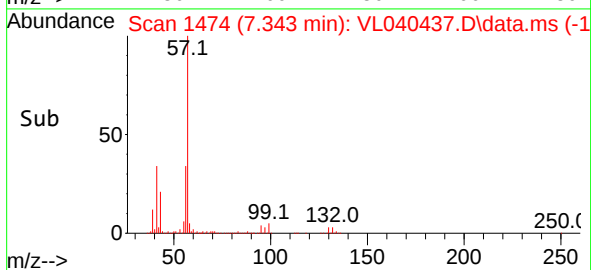
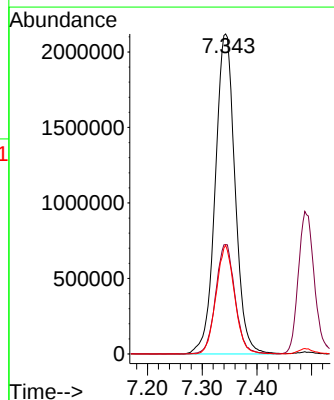
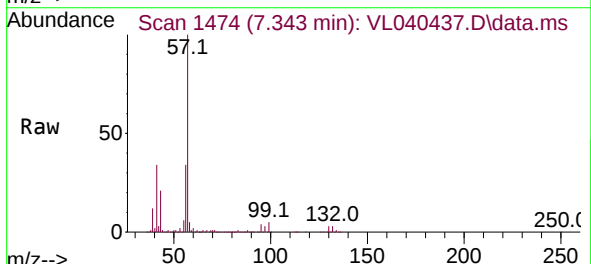
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

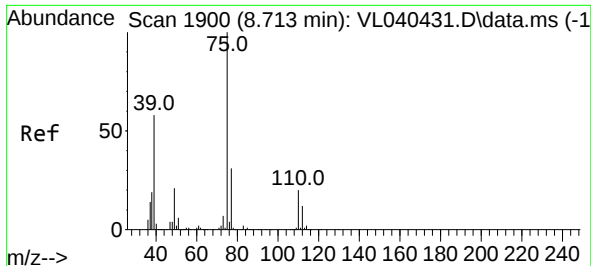
Tgt Ion: 69 Resp: 1325616
Ion Ratio Lower Upper
69 100
41 144.3 114.8 172.2
100 31.5 25.4 38.0



#44
2,2,4-Trimethylpentane
Concen: 15.013 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 57 Resp: 5315904
Ion Ratio Lower Upper
57 100
41 33.5 27.0 40.4
56 31.9 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 19.560 ppbv

RT: 8.725 min Scan# 1900

Delta R.T. -0.003 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

Instrument :

MSVOA_L

ClientSampleId :

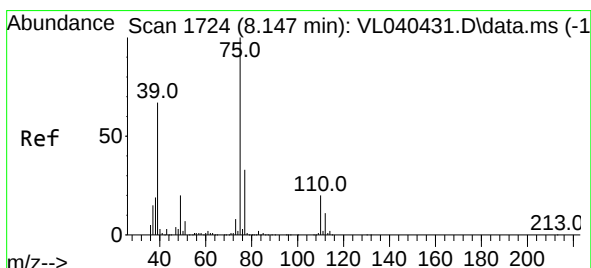
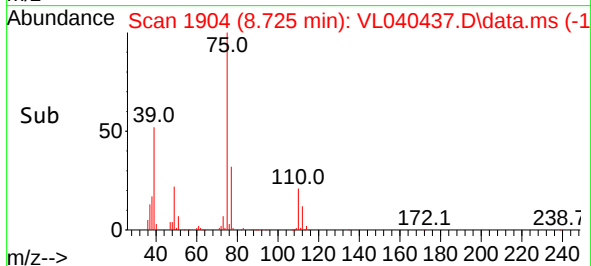
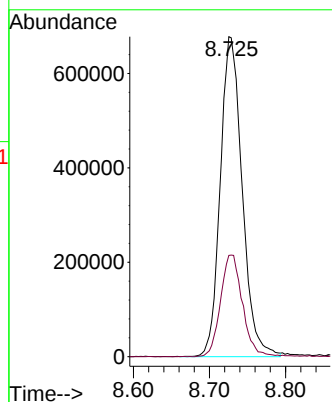
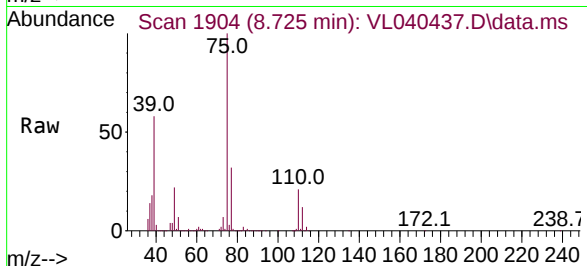
VSTDIC015

Tgt Ion: 75 Resp: 1356398

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6



#46

cis-1,3-Dichloropropene

Concen: 18.005 ppbv

RT: 8.159 min Scan# 1728

Delta R.T. -0.003 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

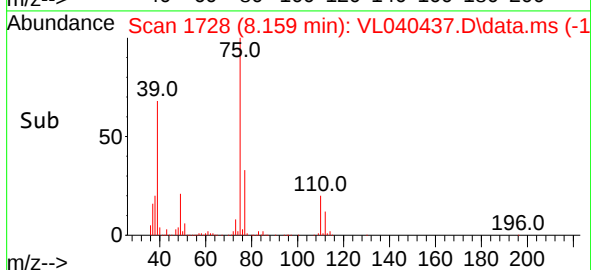
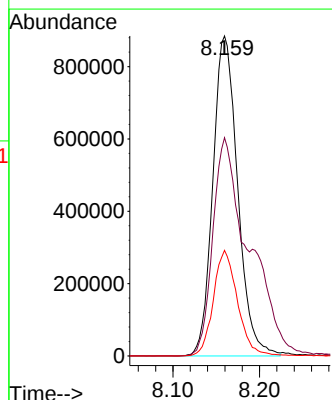
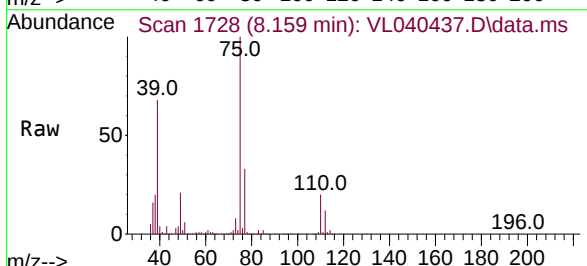
Tgt Ion: 75 Resp: 1764329

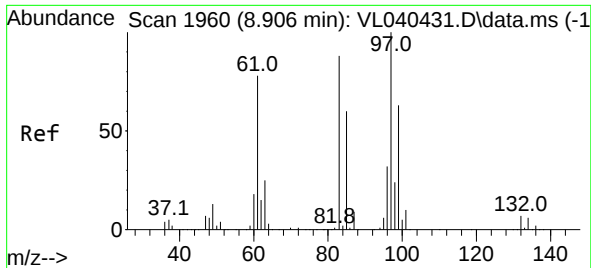
Ion Ratio Lower Upper

75 100

39 68.2 53.8 80.8

77 33.0 26.3 39.5



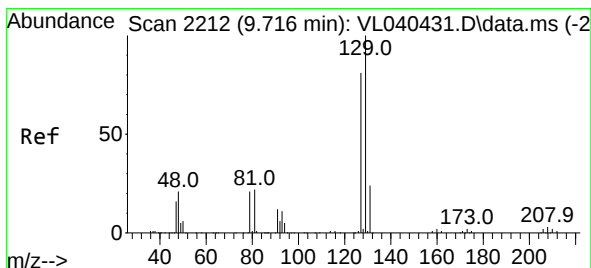
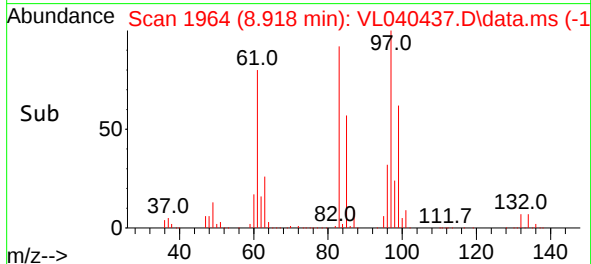
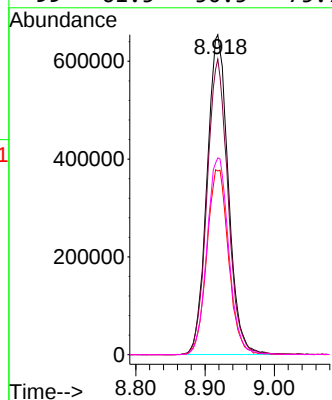
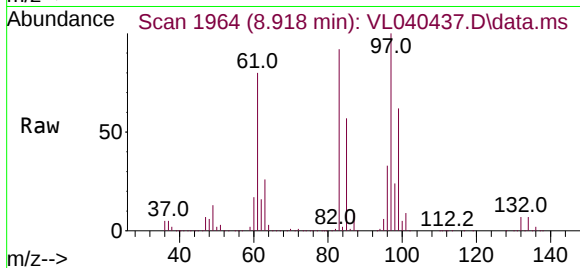


#47
1,1,2-Trichloroethane
Concen: 15.247 ppbv
RT: 8.918 min Scan# 1964
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 97 Resp: 1394868

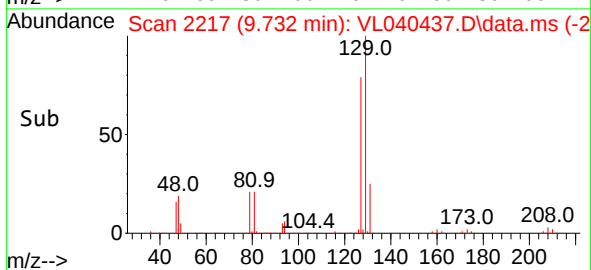
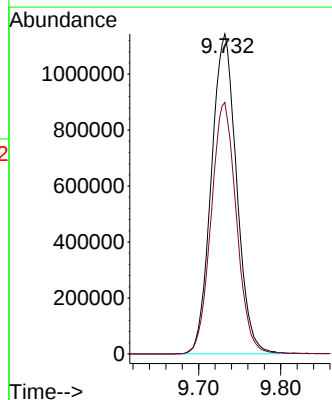
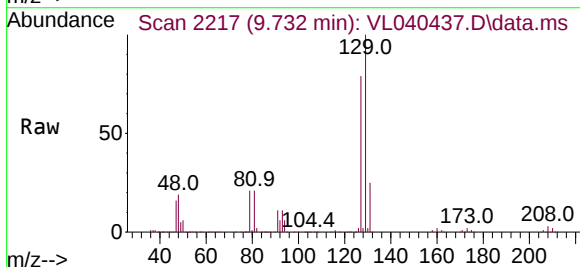
Ion	Ratio	Lower	Upper
97	100		
83	92.3	70.3	105.5
85	57.3	47.7	71.5
99	61.5	50.5	75.7

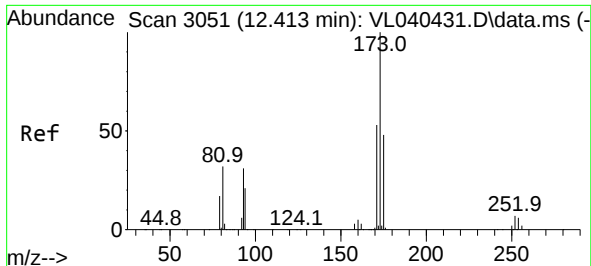


#48
Dibromochloromethane
Concen: 16.715 ppbv
RT: 9.732 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 129 Resp: 2442545

Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.2	117.6

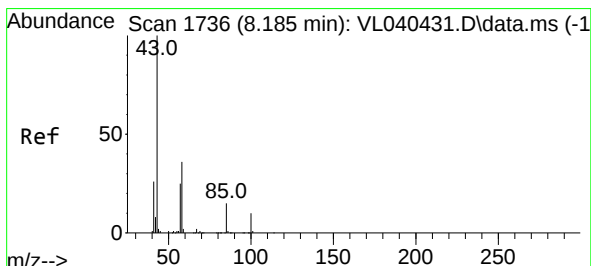
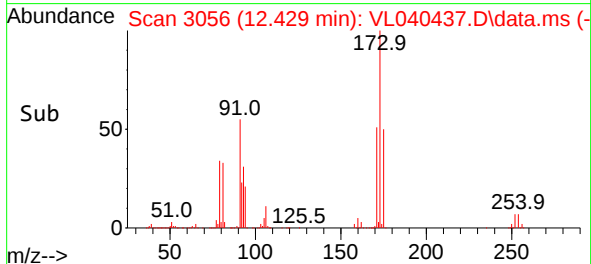
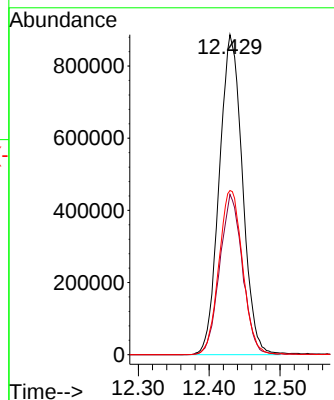
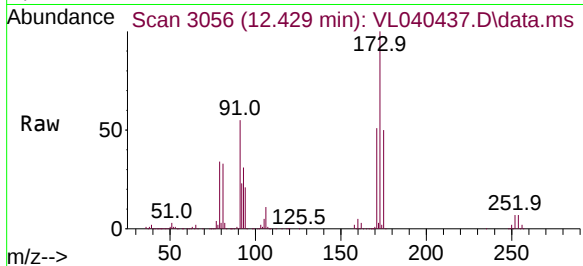




#49
Bromoform
Concen: 17.491 ppbv
RT: 12.429 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

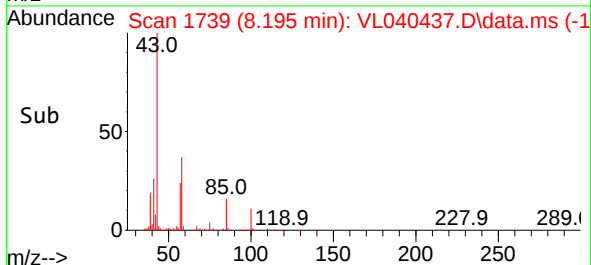
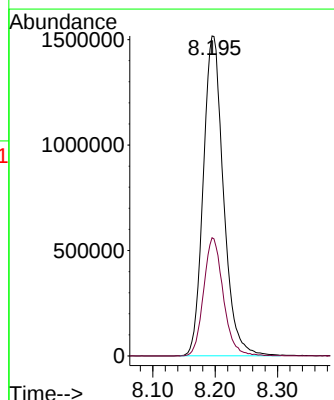
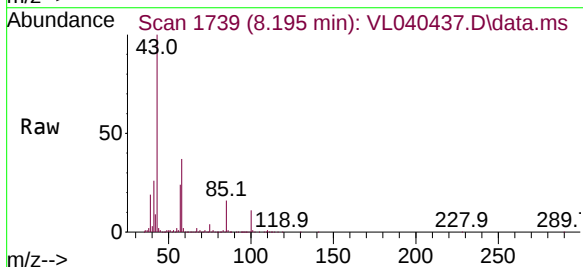
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

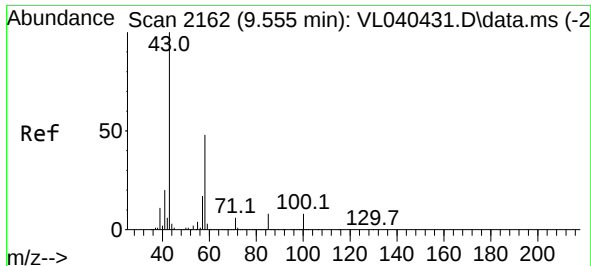
Tgt Ion:173 Resp: 2016376
Ion Ratio Lower Upper
173 100
175 49.3 39.4 59.2
171 52.7 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 15.794 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 43 Resp: 3421966
Ion Ratio Lower Upper
43 100
58 36.1 28.8 43.2

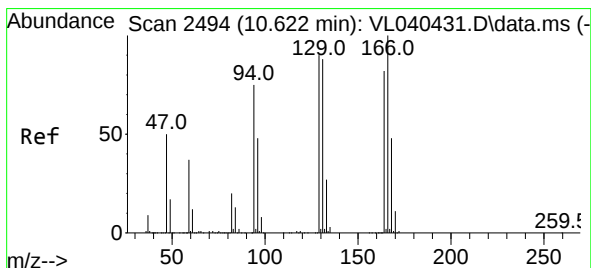
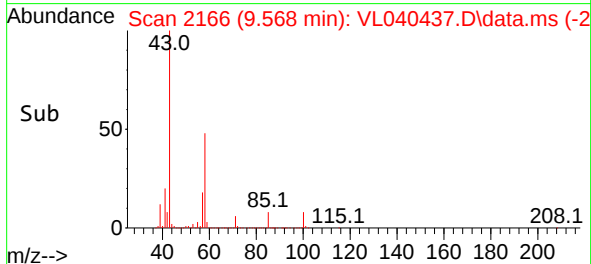
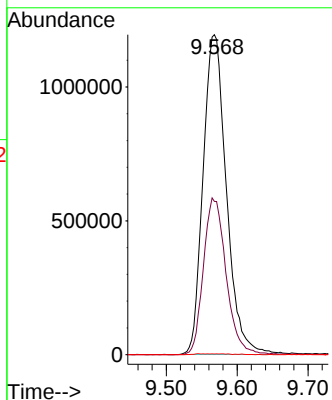
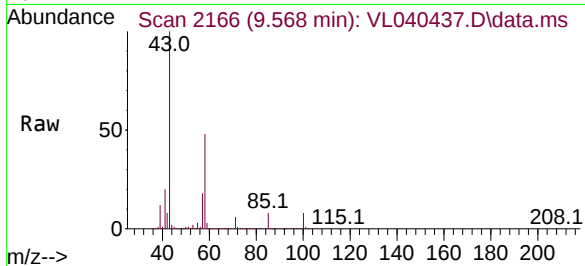




#51
2-Hexanone
Concen: 17.084 ppbv
RT: 9.568 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

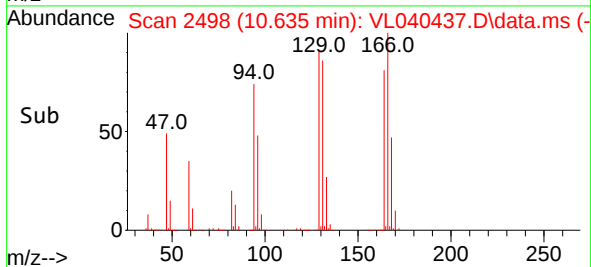
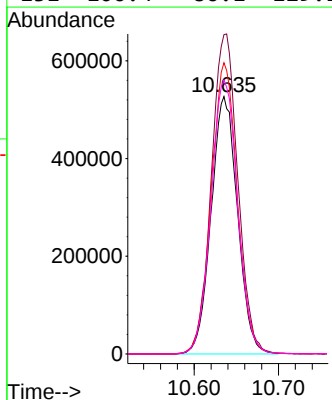
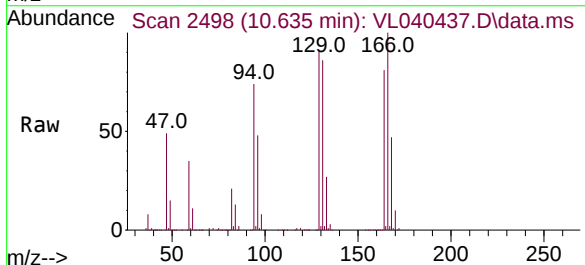
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

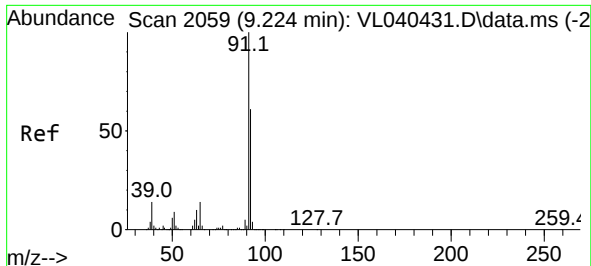
Tgt Ion: 43 Resp: 2726399
Ion Ratio Lower Upper
43 100
58 48.0 38.5 57.7
98 0.4 0.2 0.4#



#52
Tetrachloroethene
Concen: 15.739 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 164 Resp: 1143593
Ion Ratio Lower Upper
164 100
166 123.9 97.8 146.6
129 112.9 88.4 132.6
131 106.4 86.1 129.1

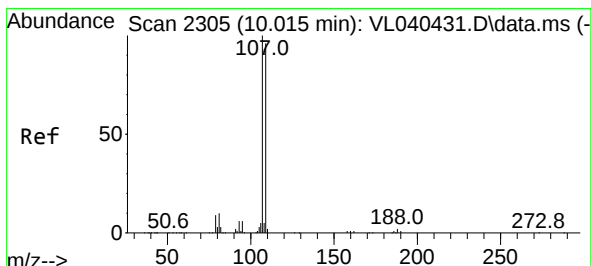
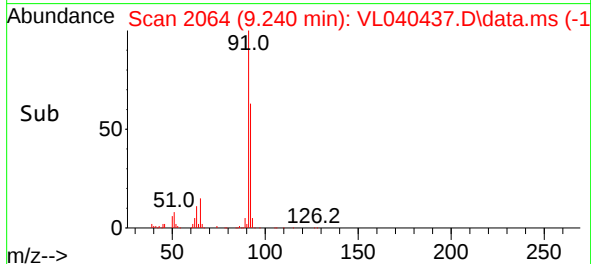
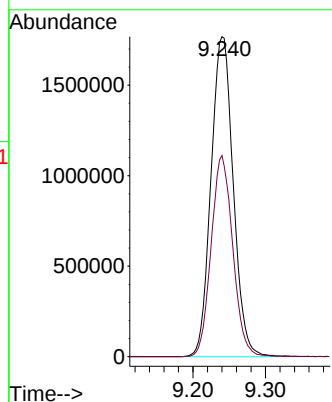
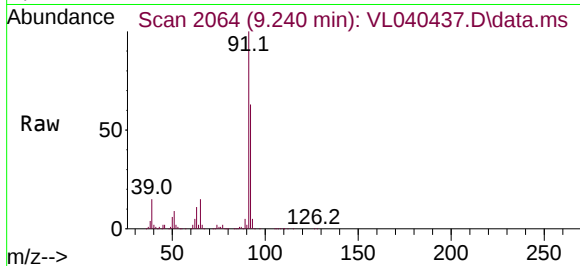




#53
Toluene
Concen: 16.665 ppbv
RT: 9.240 min Scan# 2059
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

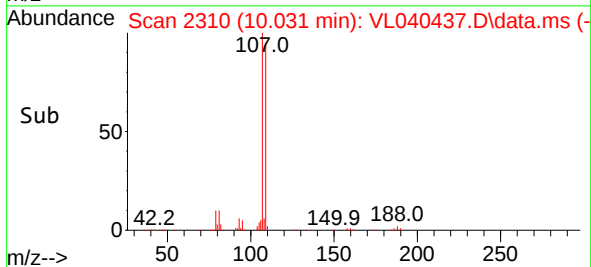
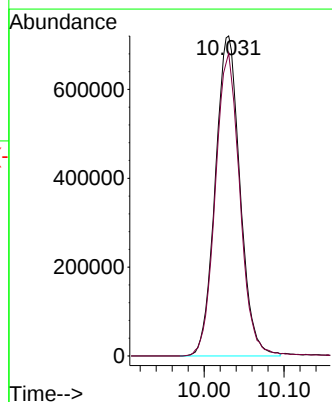
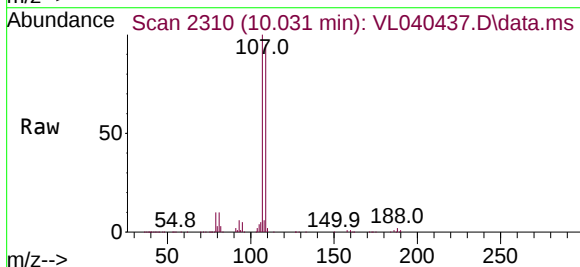
Instrument : MSVOA_L
ClientSampleId : VSTDIC015

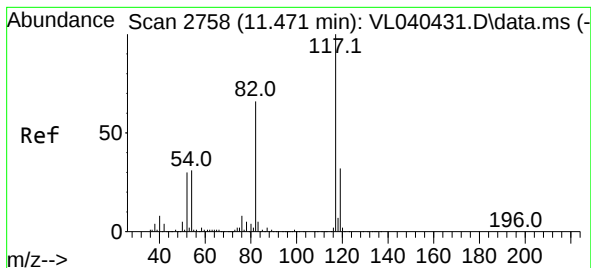
Tgt Ion: 91 Resp: 3766287
Ion Ratio Lower Upper
91 100
92 61.2 49.1 73.7



#54
1,2-Dibromoethane
Concen: 16.890 ppbv
RT: 10.031 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 107 Resp: 1544105
Ion Ratio Lower Upper
107 100
109 94.6 76.7 115.1

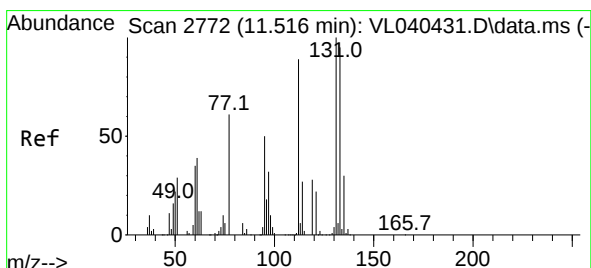
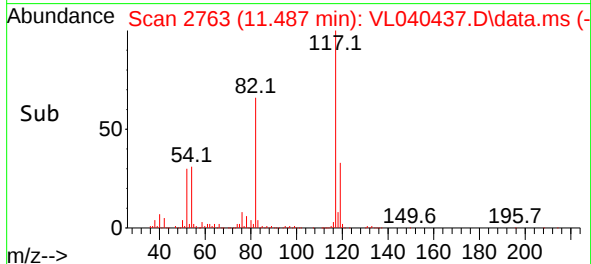
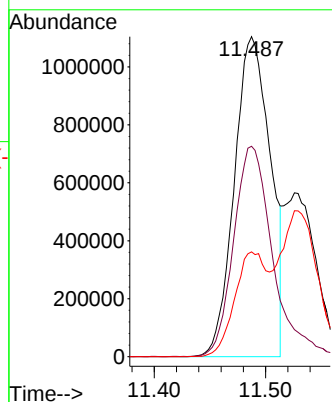
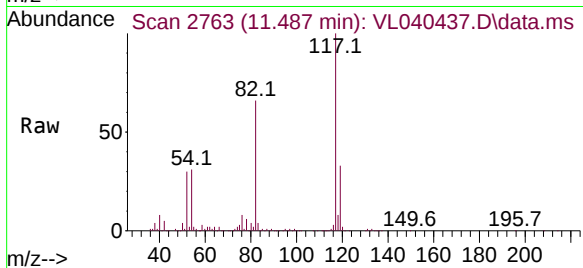




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

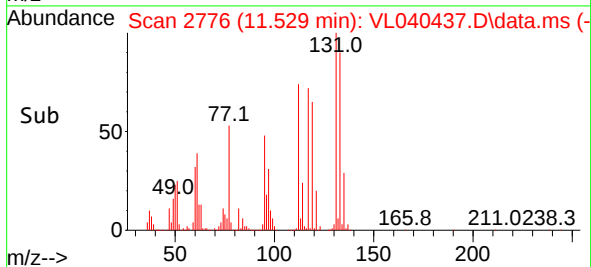
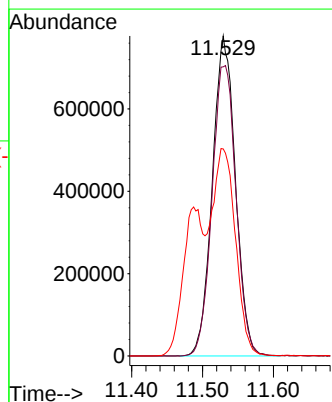
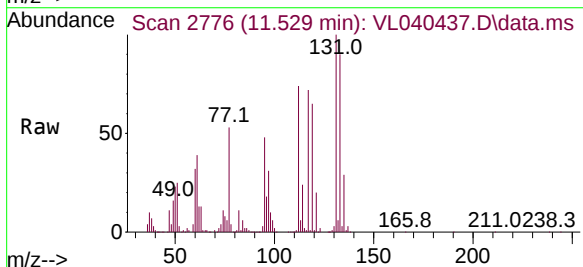
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

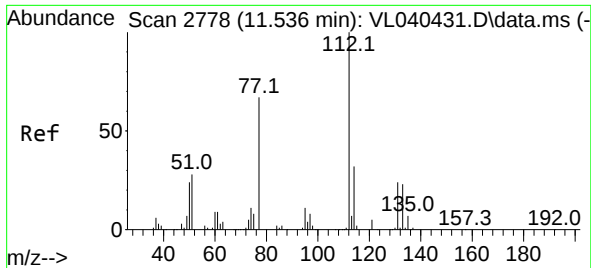
Tgt Ion:117 Resp: 2485736
Ion Ratio Lower Upper
117 100
82 71.7 52.5 78.7
119 31.5 24.0 36.0



#56
1,1,1,2-Tetrachloroethane
Concen: 15.243 ppbv
RT: 11.529 min Scan# 2776
Delta R.T. 0.000 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion:131 Resp: 1754765
Ion Ratio Lower Upper
131 100
133 94.6 75.8 113.8
119 71.4 48.7 73.1

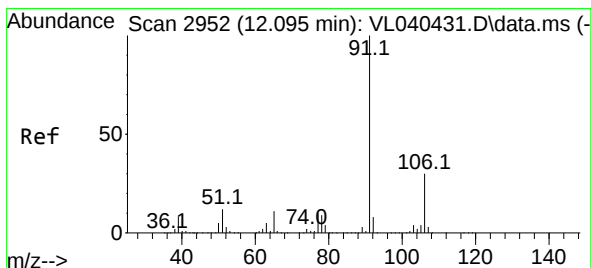
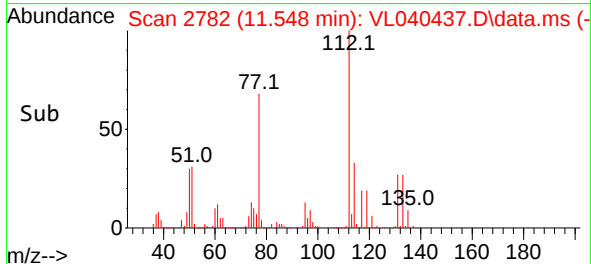
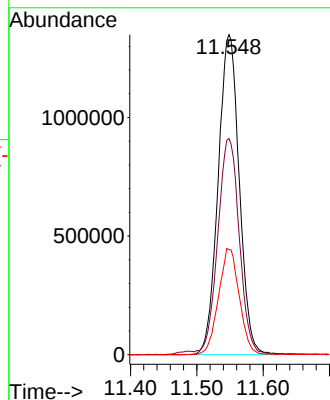
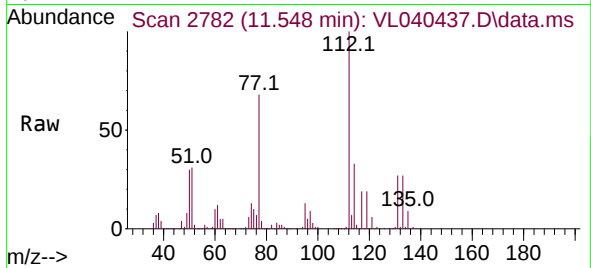




#57
Chlorobenzene
Concen: 14.887 ppbv
RT: 11.548 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

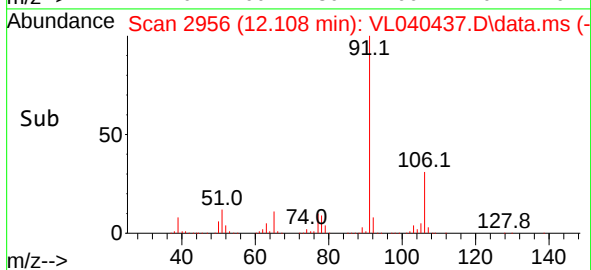
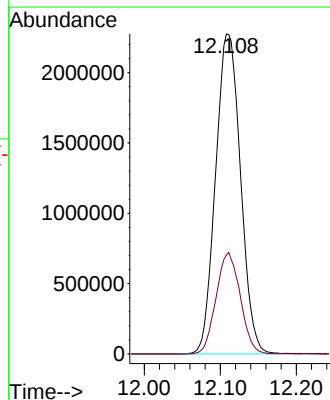
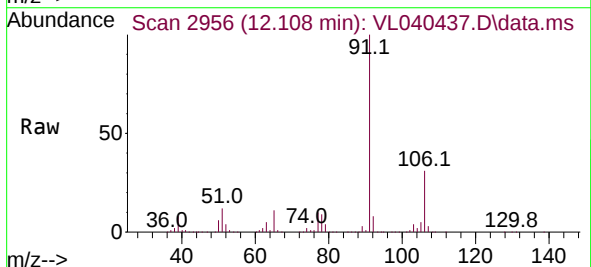
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

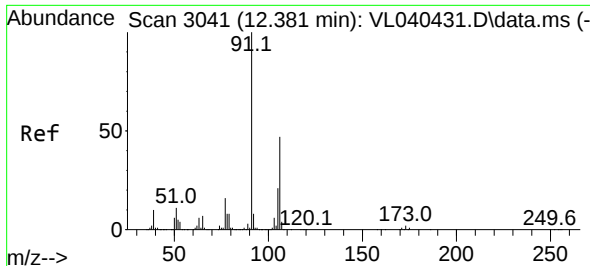
Tgt Ion:112 Resp: 2979283
Ion Ratio Lower Upper
112 100
77 67.3 54.7 82.1
114 32.8 29.0 35.4



#58
Ethyl Benzene
Concen: 16.490 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 91 Resp: 5187427
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.8





#59

m/p-Xylene

Concen: 16.652 ppbv

RT: 12.397 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

Instrument :

MSVOA_1

ClientSampleId :

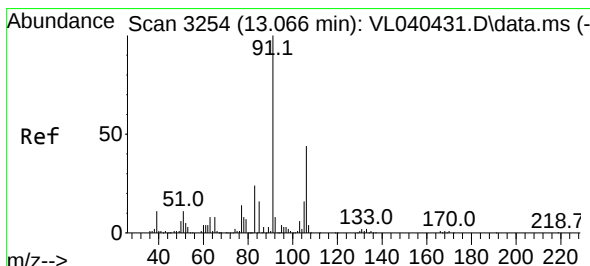
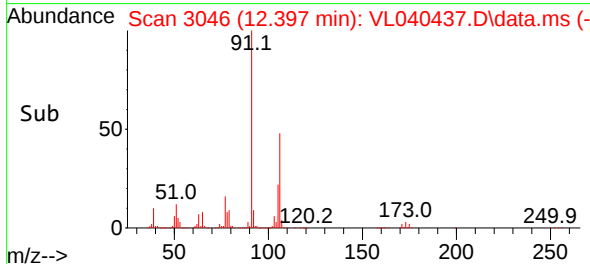
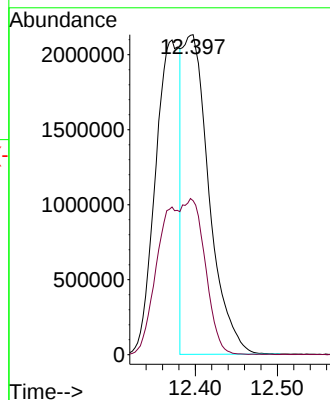
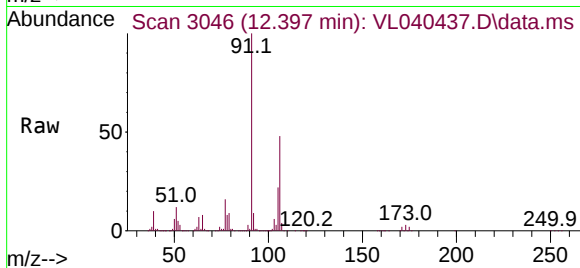
VSTDIC015

Tgt Ion: 91 Resp: 4777863

Ion Ratio Lower Upper

91 100

106 83.8 34.9 52.3#



#60

o-Xylene

Concen: 16.040 ppbv

RT: 13.082 min Scan# 3259

Delta R.T. 0.000 min

Lab File: VL040437.D

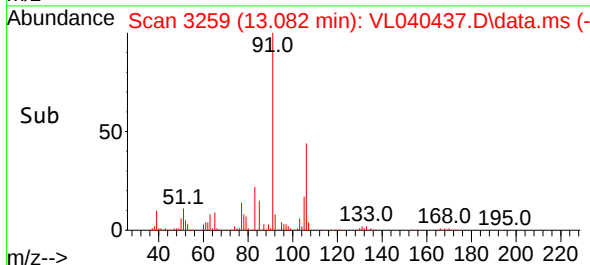
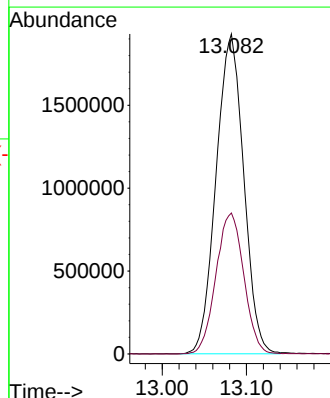
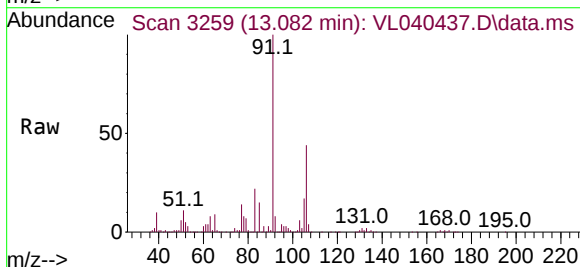
Acq: 16 May 2023 13:33

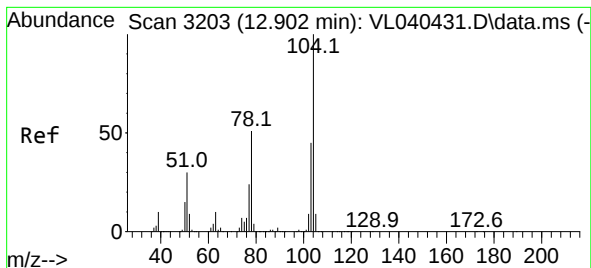
Tgt Ion: 91 Resp: 4380359

Ion Ratio Lower Upper

91 100

106 44.5 21.8 65.4





#61

Styrene

Concen: 18.689 ppbv

RT: 12.921 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

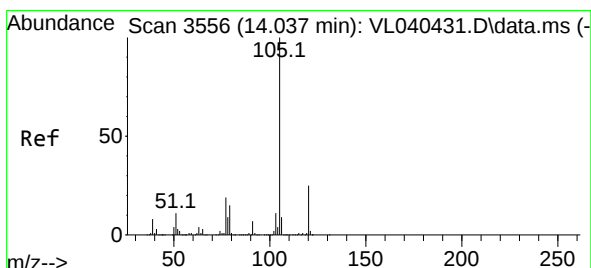
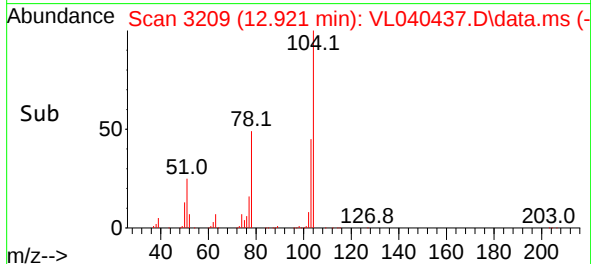
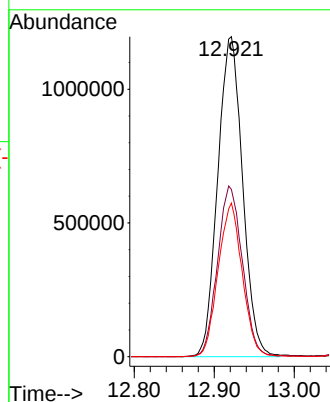
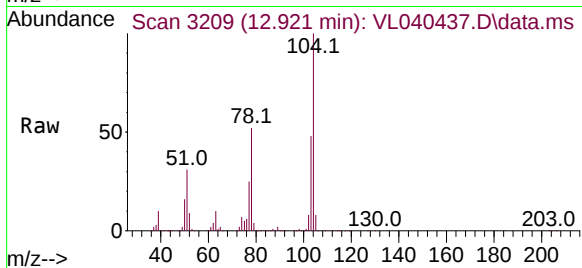
Tgt Ion:104 Resp: 2584990

Ion Ratio Lower Upper

104 100

78 53.4 43.3 64.9

103 46.7 37.4 56.2



#62

Isopropylbenzene

Concen: 15.364 ppbv

RT: 14.053 min Scan# 3561

Delta R.T. -0.003 min

Lab File: VL040437.D

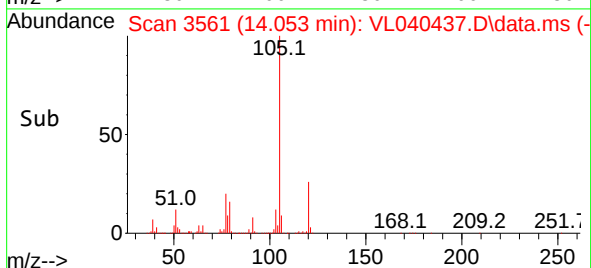
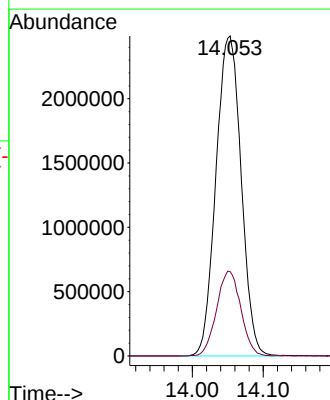
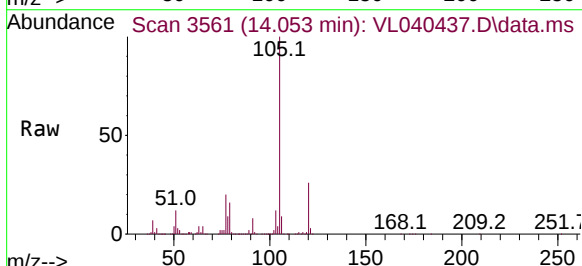
Acq: 16 May 2023 13:33

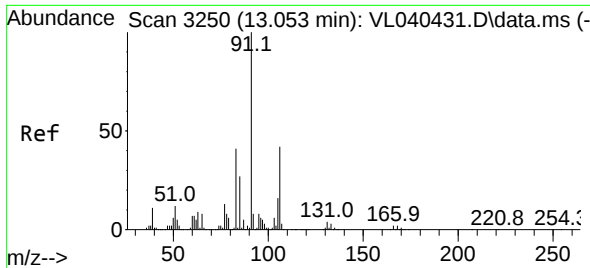
Tgt Ion:105 Resp: 6132180

Ion Ratio Lower Upper

105 100

120 25.5 20.0 30.0

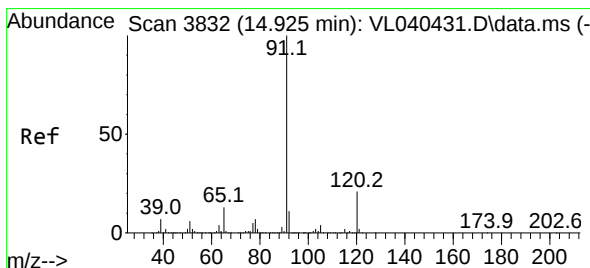
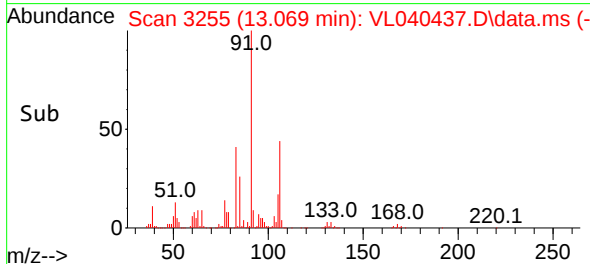
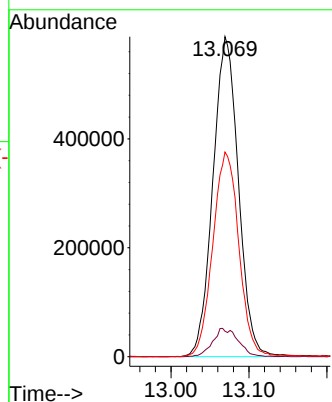
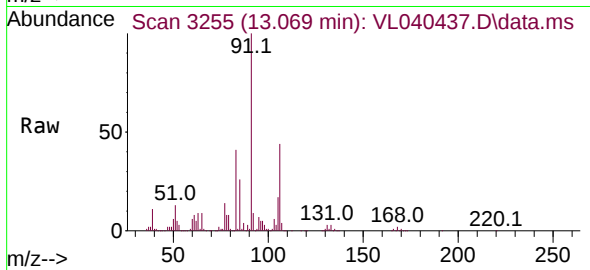




#63
1,1,2,2-Tetrachloroethane
Concen: 13.548 ppbv
RT: 13.069 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

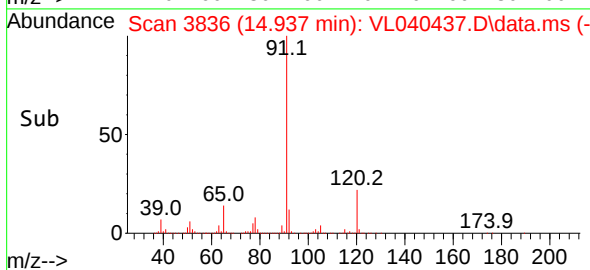
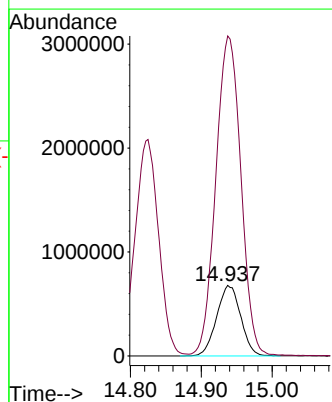
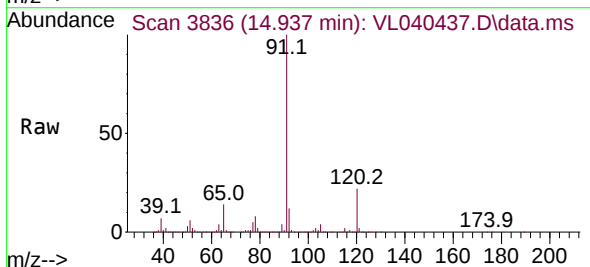
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

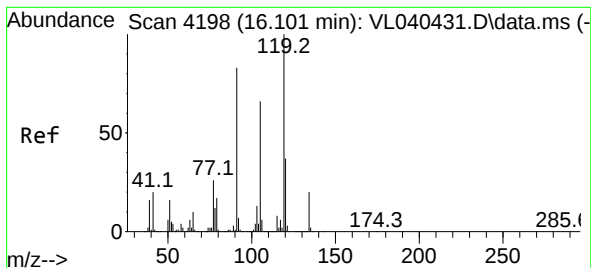
Tgt Ion: 83 Resp: 1334512
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.5
85 65.6 33.0 99.0



#64
n-propylbenzene
Concen: 16.244 ppbv
RT: 14.937 min Scan# 3836
Delta R.T. -0.006 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion:120 Resp: 1599695
Ion Ratio Lower Upper
120 100
91 475.5 393.2 589.8

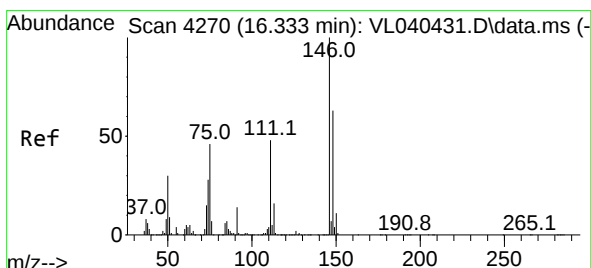
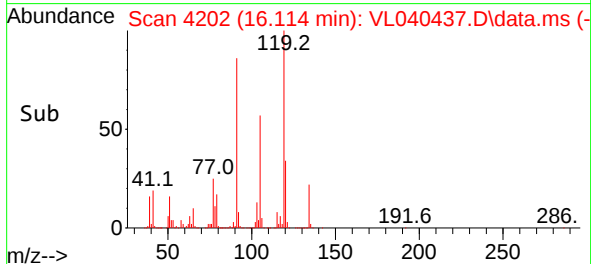
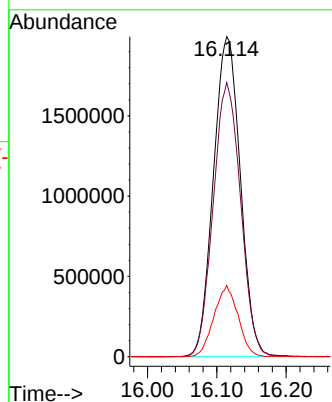
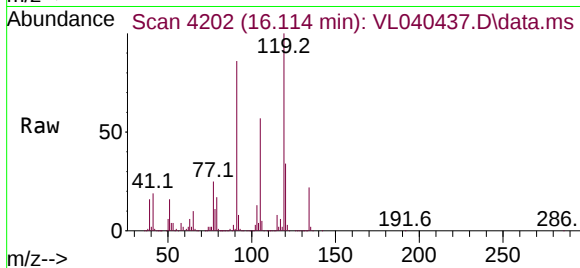




#65
tert-Butylbenzene
Concen: 15.359 ppbv
RT: 16.114 min Scan# 4198
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

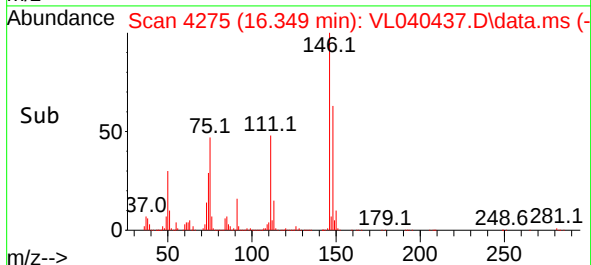
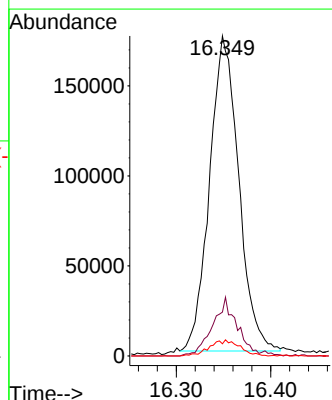
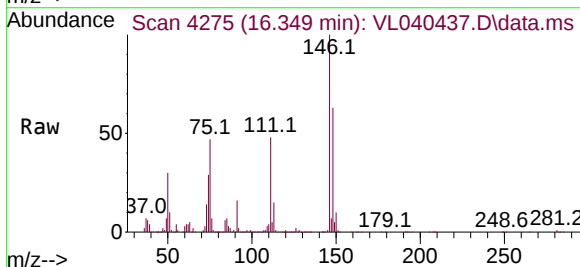
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

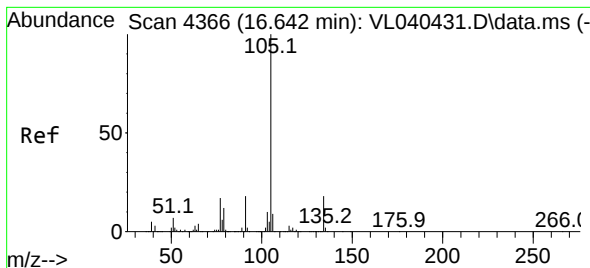
Tgt Ion:119 Resp: 5376528
Ion Ratio Lower Upper
119 100
91 87.2 69.8 104.6
134 20.0 15.4 23.2



#66
Benzyl Chloride
Concen: 18.040 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 91 Resp: 374708
Ion Ratio Lower Upper
91 100
126 16.1 12.6 19.0
128 5.3 3.9 5.9





#67

sec-Butylbenzene

Concen: 15.049 ppbv

RT: 16.661 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

Instrument :

MSVOA_L

ClientSampleId :

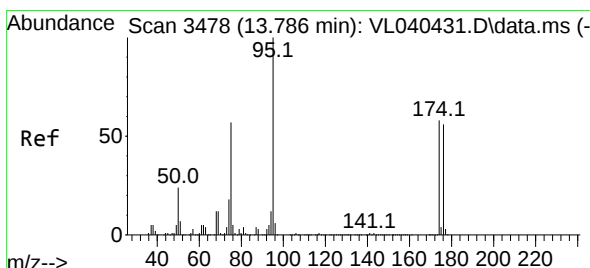
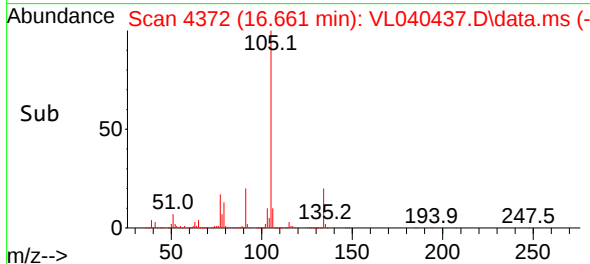
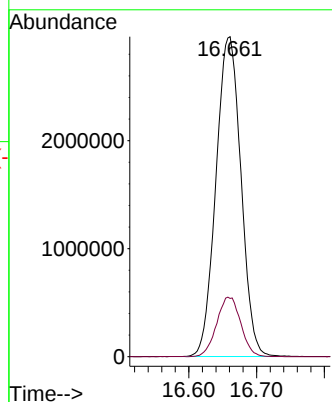
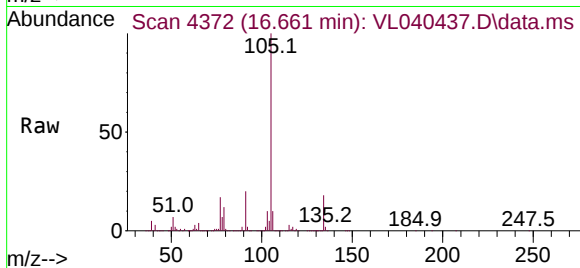
VSTDIC015

Tgt Ion:105 Resp: 7586730

Ion Ratio Lower Upper

105 100

134 18.1 14.1 21.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.594 ppbv

RT: 13.799 min Scan# 3482

Delta R.T. 0.000 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

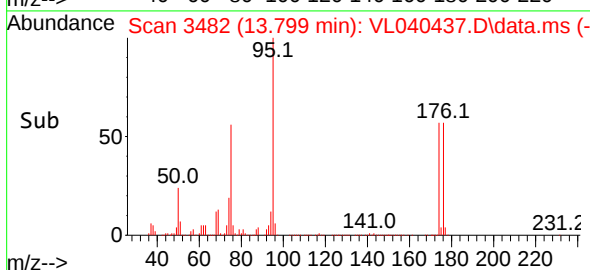
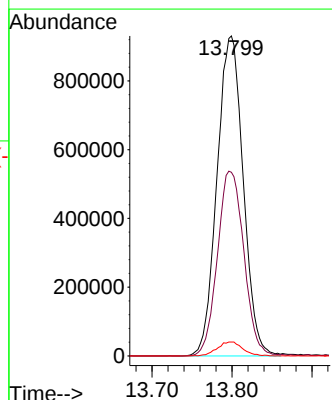
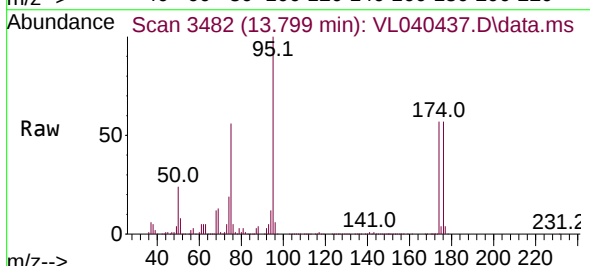
Tgt Ion: 95 Resp: 2117523

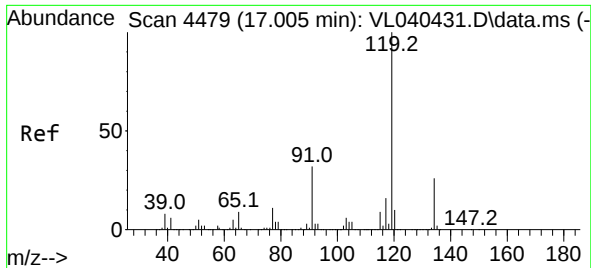
Ion Ratio Lower Upper

95 100

174 58.7 47.0 70.6

175 4.3 3.4 5.0

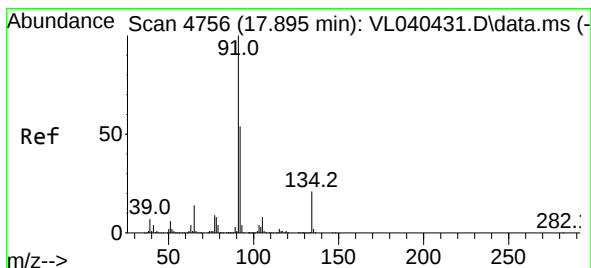
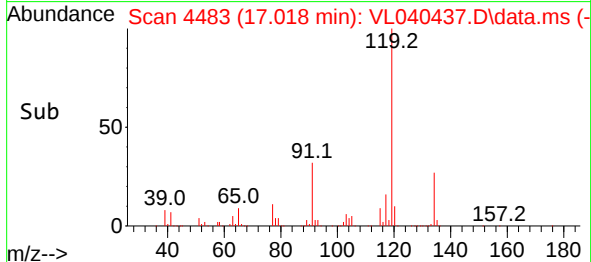
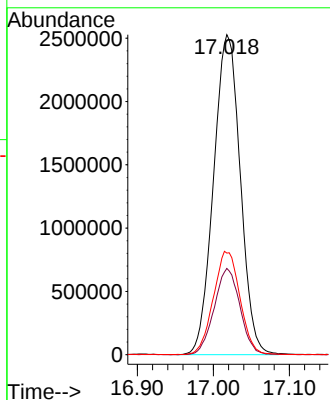
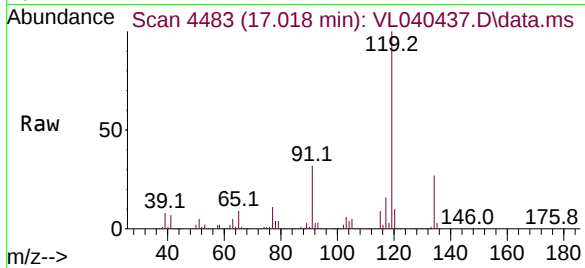




#69
p-Isopropyltoluene
Concen: 15.578 ppbv
RT: 17.018 min Scan# 4479
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

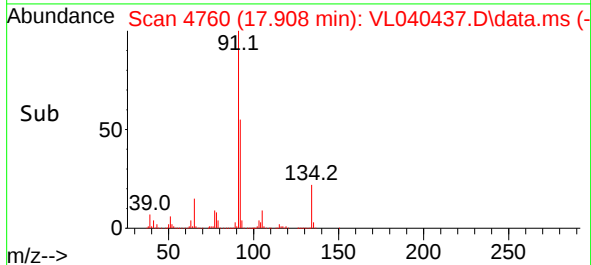
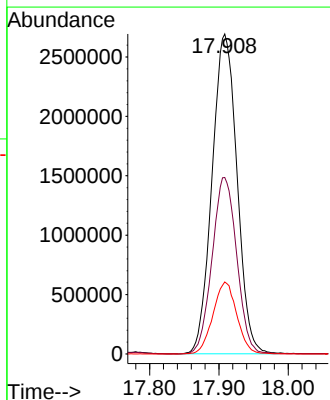
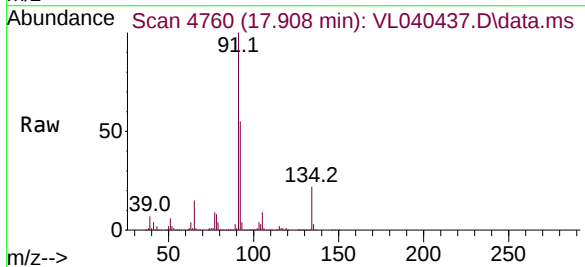
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

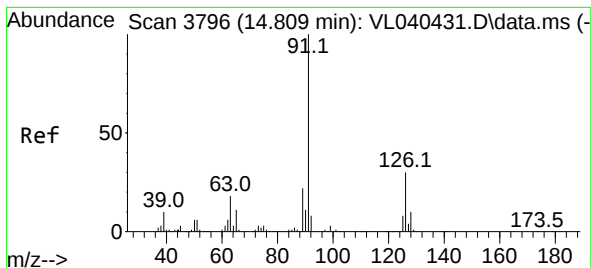
Tgt Ion:119 Resp: 6168851
Ion Ratio Lower Upper
119 100
134 26.0 20.2 30.4
91 32.2 25.4 38.0



#70
n-Butylbenzene
Concen: 15.289 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 91 Resp: 6747437
Ion Ratio Lower Upper
91 100
92 54.4 43.2 64.8
134 21.5 16.9 25.3

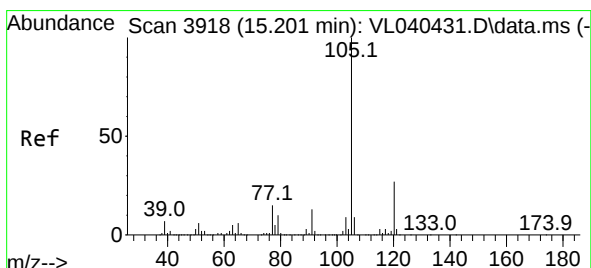
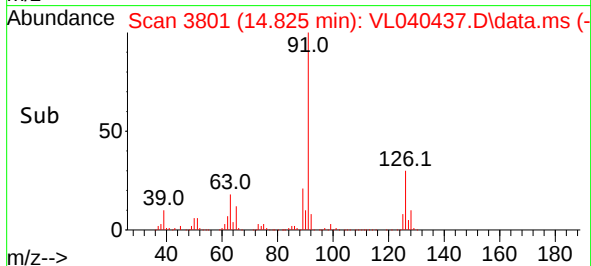
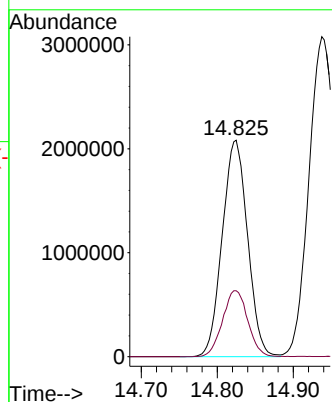
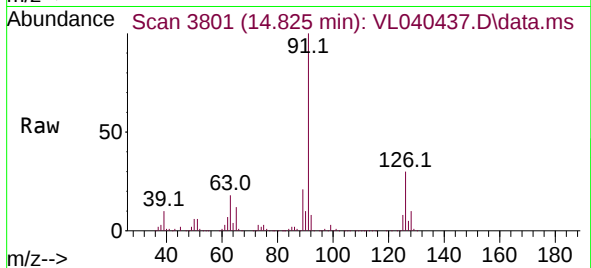




#71
2-Chlorotoluene
Concen: 15.881 ppbv
RT: 14.825 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

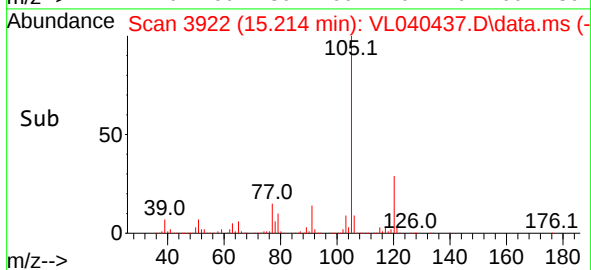
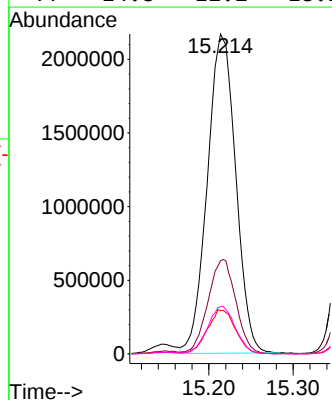
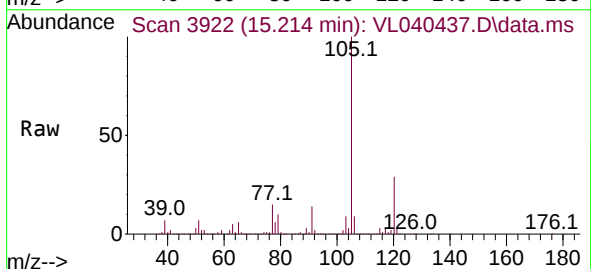
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

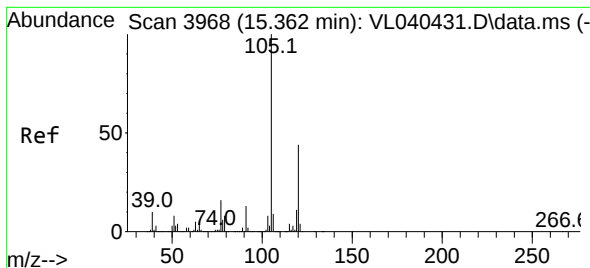
Tgt Ion: 91 Resp: 4822548
Ion Ratio Lower Upper
91 100
126 30.4 12.0 48.0



#72
4-Ethyltoluene
Concen: 16.387 ppbv
RT: 15.214 min Scan# 3922
Delta R.T. -0.006 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion: 105 Resp: 5074092
Ion Ratio Lower Upper
105 100
120 30.1 23.8 35.8
91 13.7 11.0 16.4
77 14.8 12.2 18.2





#73

1,3,5-Trimethylbenzene

Concen: 15.884 ppbv

RT: 15.375 min Scan# 3968

Delta R.T. 0.000 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

Instrument :

MSVOA_L

ClientSampleId :

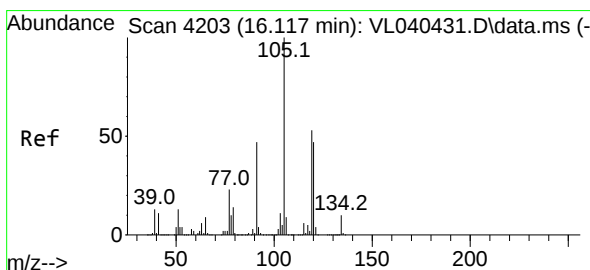
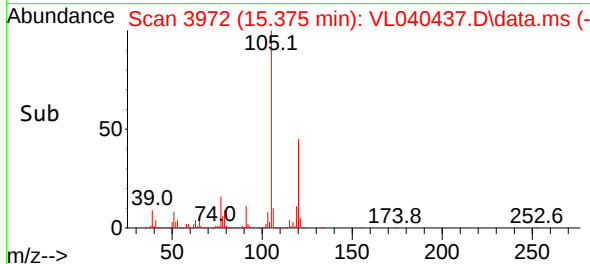
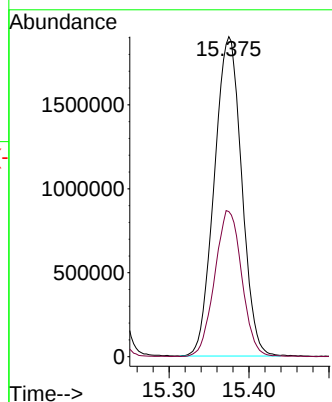
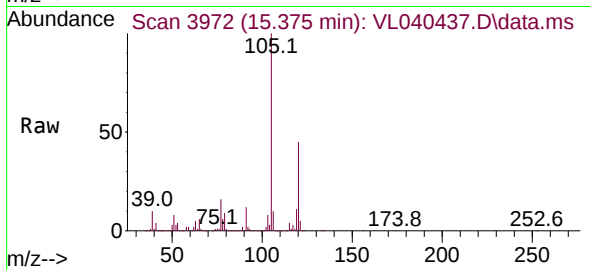
VSTDIC015

Tgt Ion:105 Resp: 4515330

Ion Ratio Lower Upper

105 100

120 45.4 35.2 52.8



#74

1,2,4-Trimethylbenzene

Concen: 15.099 ppbv

RT: 16.133 min Scan# 4208

Delta R.T. 0.000 min

Lab File: VL040437.D

Acq: 16 May 2023 13:33

Tgt Ion:105 Resp: 4938140

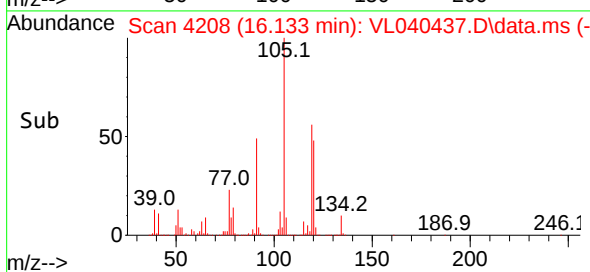
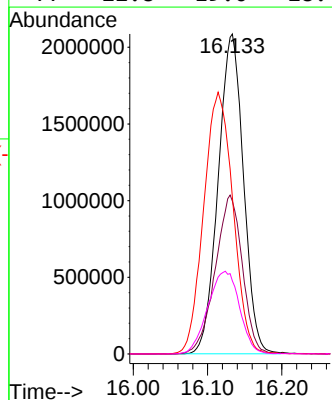
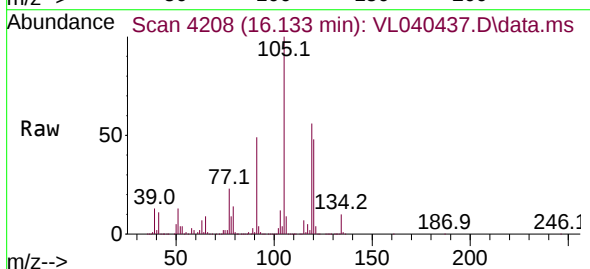
Ion Ratio Lower Upper

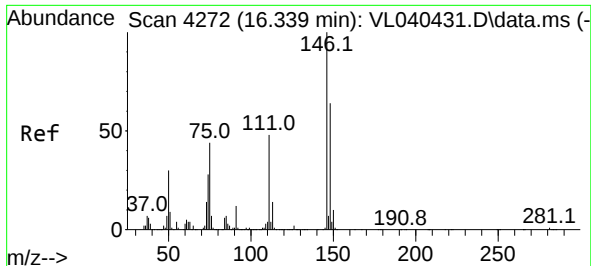
105 100

120 47.7 38.1 57.1

91 48.9 40.2 60.2

77 22.8 19.0 28.4

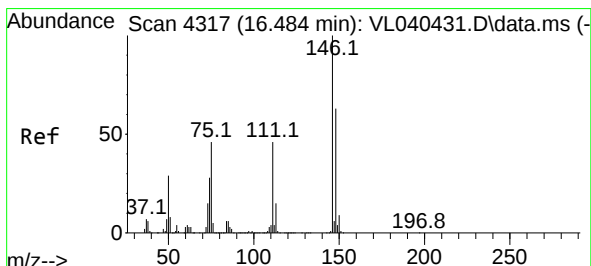
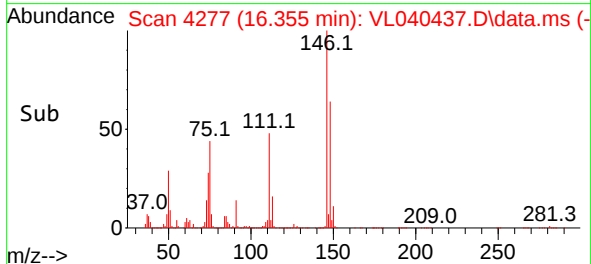
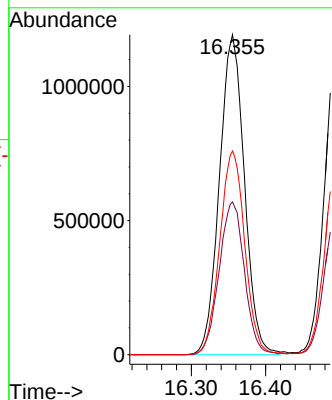
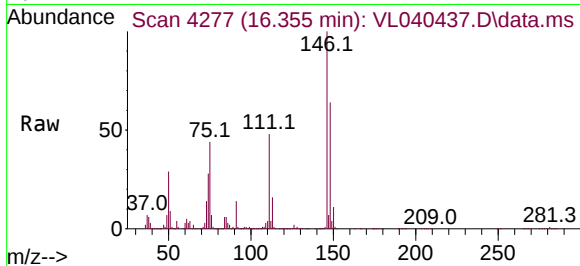




#75
1,3-Dichlorobenzene
Concen: 15.480 ppbv
RT: 16.355 min Scan# 4321
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

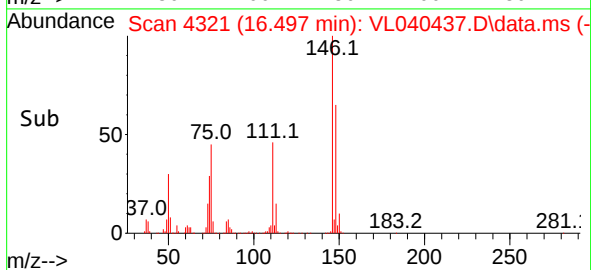
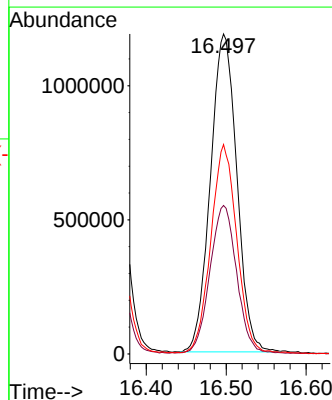
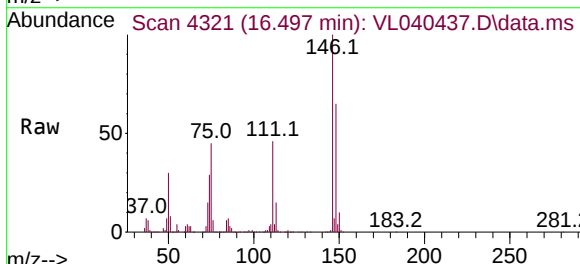
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

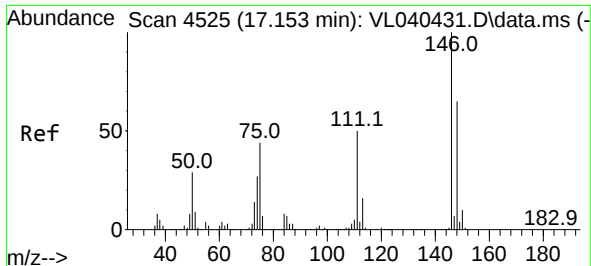
Tgt Ion:146 Resp: 2785449
Ion Ratio Lower Upper
146 100
111 48.4 24.6 74.0
148 64.1 32.1 96.3



#76
1,4-Dichlorobenzene
Concen: 15.633 ppbv
RT: 16.497 min Scan# 4321
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion:146 Resp: 2720564
Ion Ratio Lower Upper
146 100
111 47.5 24.0 72.0
148 65.5 32.5 97.4

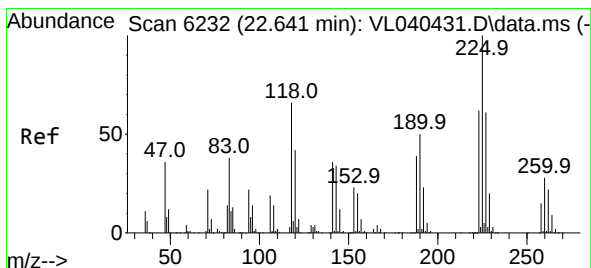
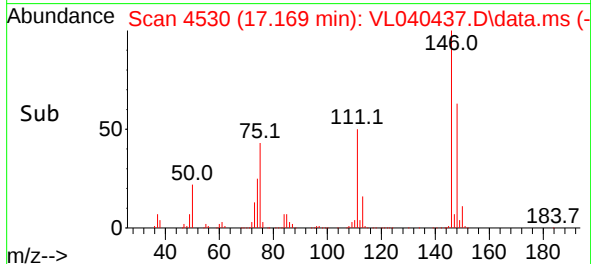
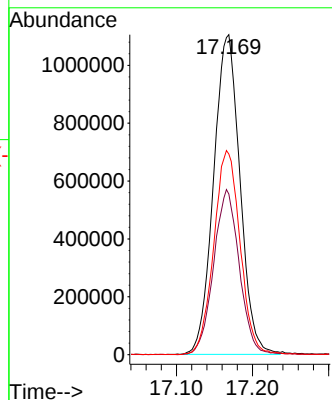
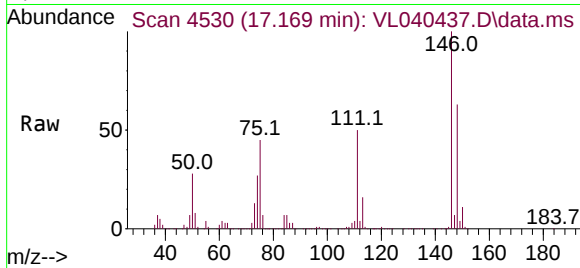




#77
1,2-Dichlorobenzene
Concen: 15.252 ppbv
RT: 17.169 min Scan# 4530
Delta R.T. 0.000 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

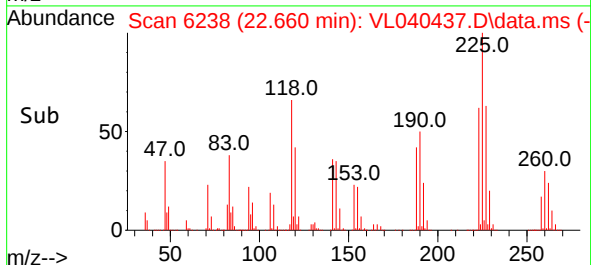
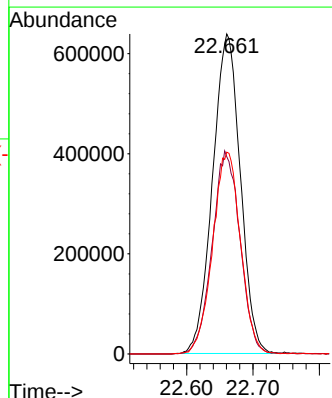
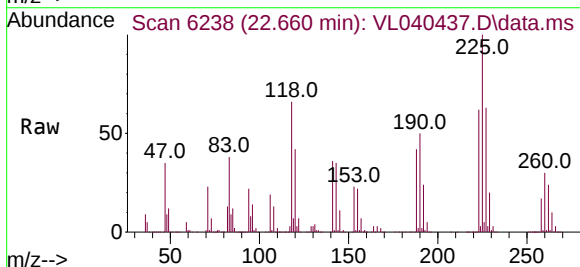
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

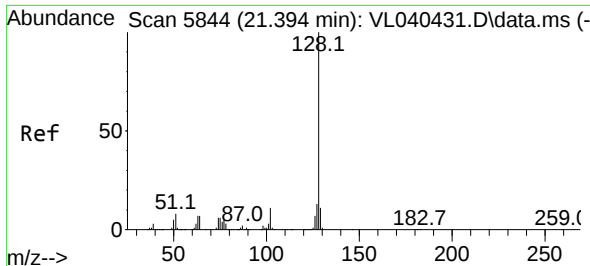
Tgt Ion:146 Resp: 2658981
Ion Ratio Lower Upper
146 100
111 50.3 25.2 75.6
148 63.9 32.1 96.5



#78
Hexachloro-1,3-Butadiene
Concen: 14.199 ppbv
RT: 22.660 min Scan# 6238
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion:225 Resp: 1851994
Ion Ratio Lower Upper
225 100
223 63.8 51.2 76.8
227 63.7 51.0 76.6

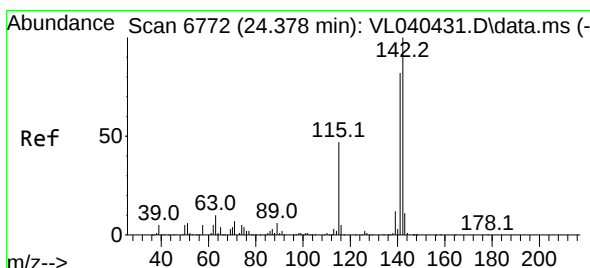
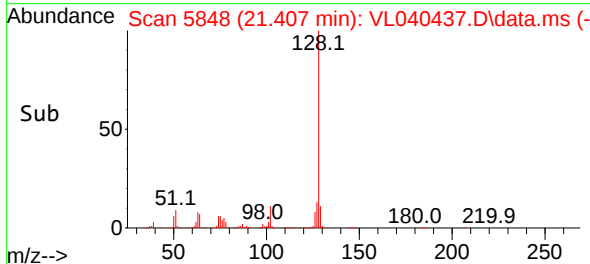
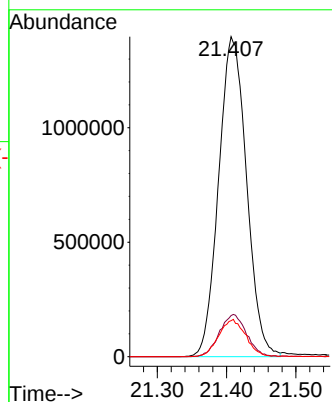
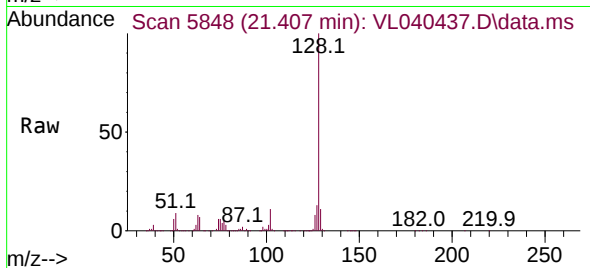




#79
Naphthalene
Concen: 19.774 ppbv
RT: 21.407 min Scan# 5848
Delta R.T. -0.010 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

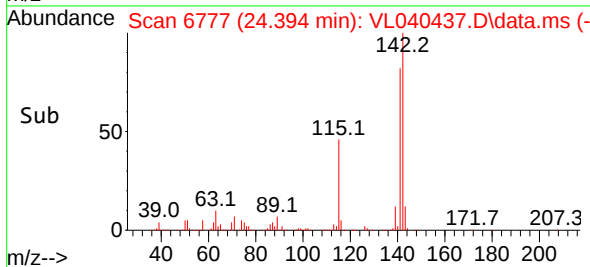
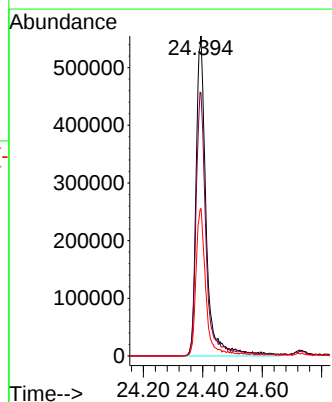
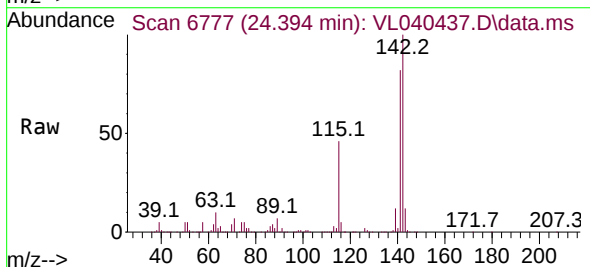
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

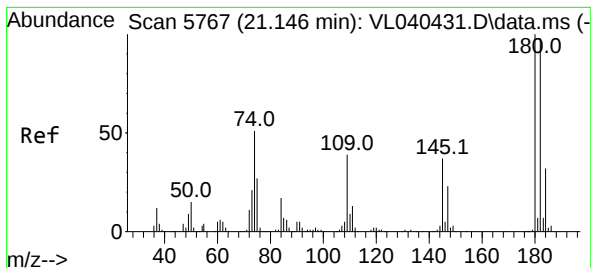
Tgt Ion:128 Resp: 3909872
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 9.0 13.6



#80
Naphthalene,2-methyl-
Concen: 23.438 ppbv
RT: 24.394 min Scan# 6777
Delta R.T. -0.003 min
Lab File: VL040437.D
Acq: 16 May 2023 13:33

Tgt Ion:142 Resp: 1326936
Ion Ratio Lower Upper
142 100
141 81.7 66.2 99.2
115 45.5 36.8 55.2





#81

1,2,4-Trichlorobenzene

Concen: 16.771 ppbv

RT: 21.162 min Scan# 51

Delta R.T. -0.006 min

Lab File: VL040437.D

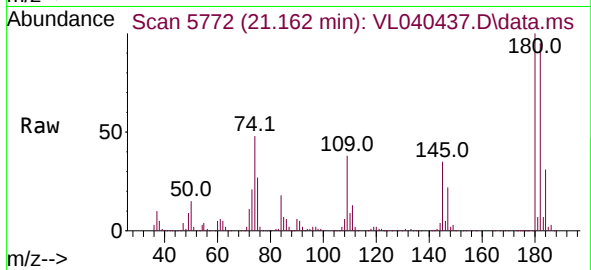
Acq: 16 May 2023 13:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



Tgt Ion:180 Resp: 2052845

Ion Ratio Lower Upper

180 100

182 97.8 77.0 115.6

184 30.8 24.7 37.1

