

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040515.D
 Acq On : 10 Jul 2023 20:30
 Operator : SY/MD
 Sample : VL0710ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0710ABS01

Quant Time: Jul 11 02:10:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1010485	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2497666	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2294662	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2030358	11.180	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	1993461	9.863	ppbv	99
3) Chlorodifluoromethane	2.681	51	1499129	9.360	ppbv	95
4) Chloromethane	2.864	50	212236	3.345	ppbv #	50
5) Vinyl Chloride	2.928	62	631349	9.476	ppbv	98
6) Bromomethane	3.124	94	288171	10.247	ppbv	98
7) Chloroethane	3.202	64	222361	9.512	ppbv	93
8) Dichlorotetrafluoroethane	2.864	85	1641894	9.874	ppbv	100
9) Propene	2.700	41	437316	7.975	ppbv	95
10) Heptane	7.587	43	1155233	9.541	ppbv	99
11) Trichlorofluoromethane	3.568	101	1702366	10.438	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.070	101	1170194	10.188	ppbv	96
13) Ethanol	3.243	45	96693	8.105	ppbv	99
14) Bromoethene	3.372	108	506320	10.252	ppbv	99
15) Acetone	3.472	43	1104876	9.499	ppbv	99
16) 1,3-Butadiene	2.993	39	572412	9.755	ppbv	98
17) tert-Butyl alcohol	3.880	59	1151881	9.575	ppbv	99
18) 1,1-Dichloroethene	3.883	96	552767	10.468	ppbv	93
19) Isopropyl Alcohol	3.578	45	626193	9.378	ppbv #	97
20) Methylene Chloride	3.938	84	455411	9.205	ppbv	98
21) Allyl Chloride	4.002	41	645927	9.724	ppbv	97
22) trans-1,2-Dichloroethene	4.449	96	541658	10.397	ppbv	95
23) Vinyl Acetate	4.632	43	1153127	10.406	ppbv	99
24) 1,1-Dichloroethane	4.568	63	1109150	9.861	ppbv	99
25) Ethyl Acetate	5.208	43	2111095	9.533	ppbv	99
26) Hexane	5.218	57	926538	9.007	ppbv	96
27) Carbon Disulfide	4.128	76	1337181	11.050	ppbv	100
28) Methyl tert-Butyl Ether	4.591	73	785850	9.489	ppbv	99
29) Chloroform	5.282	83	1674767	9.815	ppbv	98
30) Cyclohexane	6.607	84	787008	9.194	ppbv	98
31) cis-1,2-Dichloroethene	5.083	61	970792	9.547	ppbv	96
32) 1,1,1-Trichloroethane	6.009	97	1709625	10.240	ppbv	99
34) 2-Butanone	4.790	43	1289070	10.445	ppbv	97
35) Carbon Tetrachloride	6.500	117	1766519	11.752	ppbv	99
36) Benzene	6.375	78	1961728	9.761	ppbv	97
37) 1,2-Dichloroethane	5.812	62	1298889	10.986	ppbv	97
38) Trichloroethene	7.298	130	805186	10.592	ppbv	94
39) 1,2-Dichloropropane	7.079	63	756480	9.778	ppbv	93
40) 1,4-Dioxane	7.295	88	248598	10.274	ppbv #	90
41) Tetrahydrofuran	5.562	42	712681	9.895	ppbv	98
42) Bromodichloromethane	7.256	83	1813501	11.029	ppbv	99
43) Methyl Methacrylate	7.481	69	816070	10.849	ppbv	97
44) 2,2,4-Trimethylpentane	7.333	57	3215565	9.945	ppbv	97
45) t-1,3-Dichloropropene	8.716	75	575198	11.920	ppbv	100

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Instrument :
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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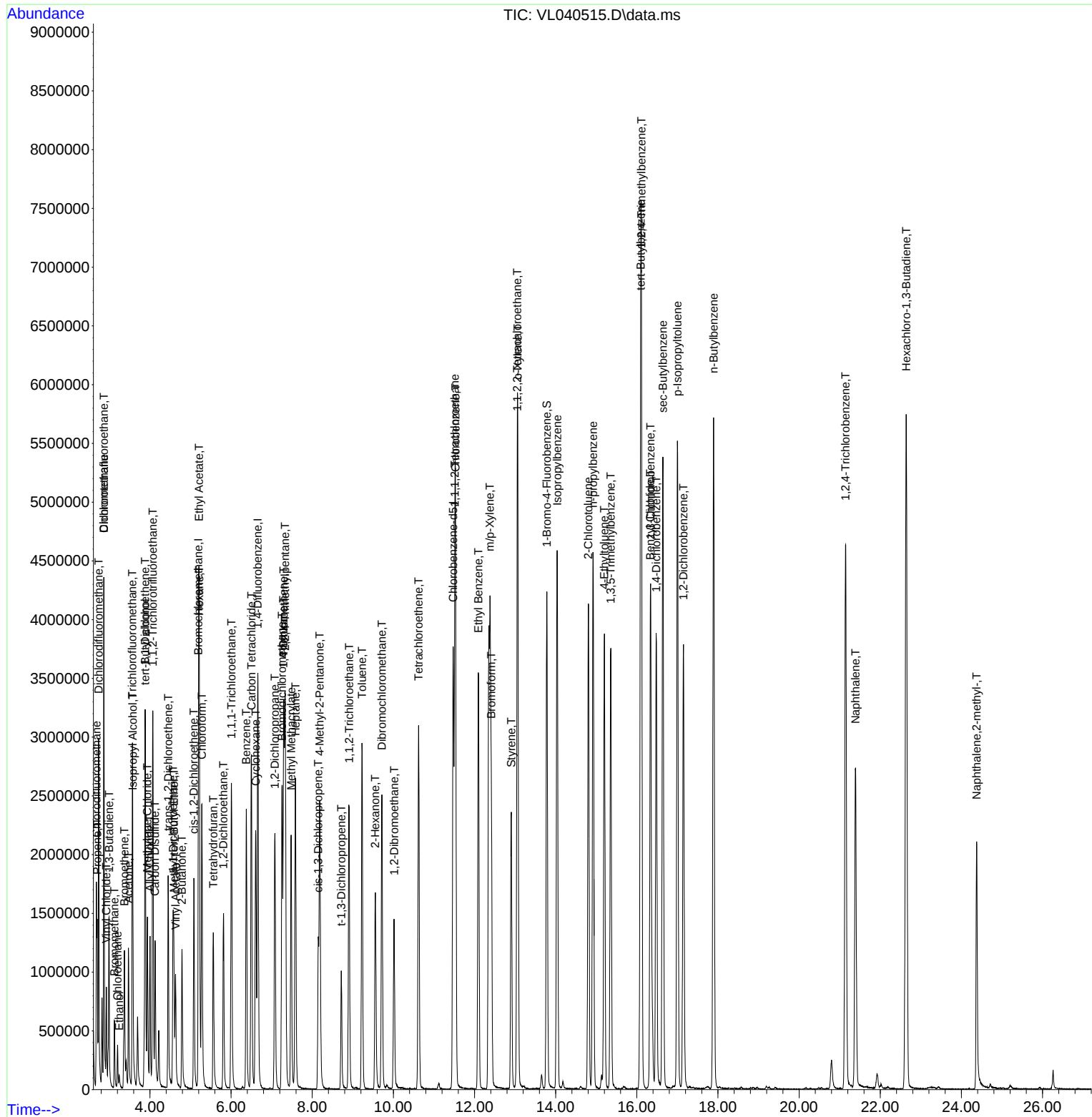
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	693709	11.205	ppbv	94
47) 1,1,2-Trichloroethane	8.909	97	853988	10.005	ppbv	98
48) Dibromochloromethane	9.716	129	1514341	11.475	ppbv	100
49) Bromoform	12.413	173	1256076	12.005	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	1975509	11.017	ppbv	97
51) 2-Hexanone	9.555	43	1454343	11.469	ppbv #	97
52) Tetrachloroethene	10.623	164	689321	10.592	ppbv	95
53) Toluene	9.227	91	2283554	10.461	ppbv	99
54) 1,2-Dibromoethane	10.018	107	1177822	11.101	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.513	131	1120501	10.903	ppbv	97
57) Chlorobenzene	11.532	112	1841467	10.290	ppbv	97
58) Ethyl Benzene	12.098	91	3228029	11.210	ppbv	97
59) m/p-Xylene	12.381	91	3323543	12.931	ppbv #	53
60) o-Xylene	13.066	91	2781017	11.358	ppbv	98
61) Styrene	12.905	104	1357747	12.022	ppbv	98
62) Isopropylbenzene	14.037	105	4044875	11.022	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.053	83	1972778	11.505	ppbv	100
64) n-propylbenzene	14.921	120	1067373	11.242	ppbv	96
65) tert-Butylbenzene	16.098	119	3664392	11.279	ppbv	96
66) Benzyl Chloride	16.333	91	278437	12.115	ppbv	97
67) sec-Butylbenzene	16.642	105	5311181	11.126	ppbv	98
69) p-Isopropyltoluene	17.002	119	4404047	11.164	ppbv	98
70) n-Butylbenzene	17.892	91	5022528	11.417	ppbv	98
71) 2-Chlorotoluene	14.806	91	3227169	11.411	ppbv	98
72) 4-Ethyltoluene	15.201	105	3336113	11.624	ppbv	98
73) 1,3,5-Trimethylbenzene	15.359	105	2910780	11.506	ppbv	97
74) 1,2,4-Trimethylbenzene	16.114	105	3355508	11.376	ppbv	96
75) 1,3-Dichlorobenzene	16.339	146	1945281	10.878	ppbv	99
76) 1,4-Dichlorobenzene	16.481	146	1909387	10.889	ppbv	98
77) 1,2-Dichlorobenzene	17.150	146	1877311	10.978	ppbv	99
78) Hexachloro-1,3-Butadiene	22.641	225	1610043	10.026	ppbv	100
79) Naphthalene	21.391	128	3330659	13.346	ppbv	99
80) Naphthalene,2-methyl-	24.378	142	1335205	12.975	ppbv	97
81) 1,2,4-Trichlorobenzene	21.143	180	1978714	11.505	ppbv	99

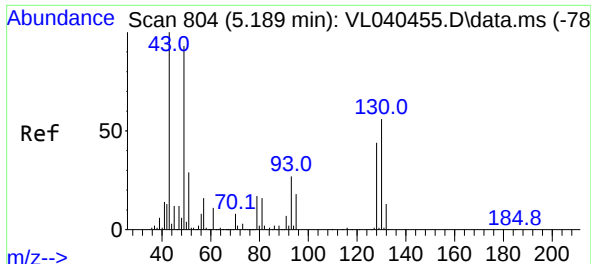
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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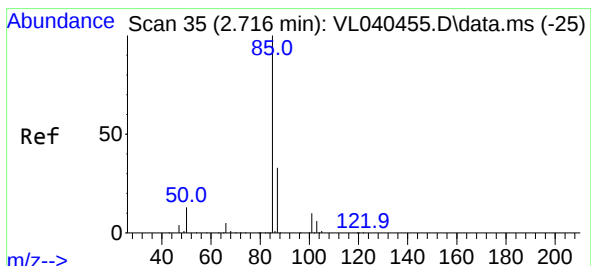
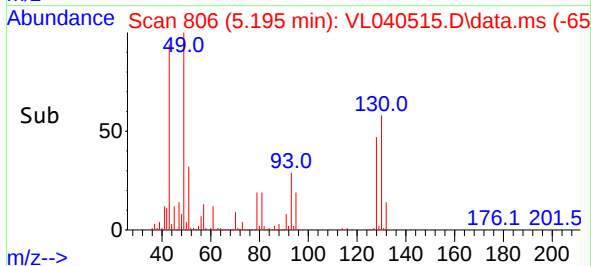
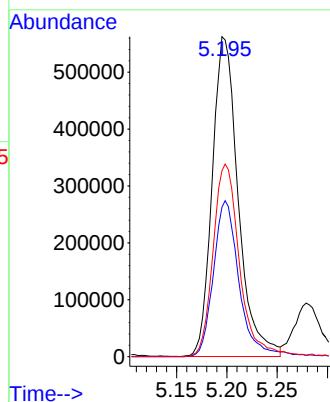
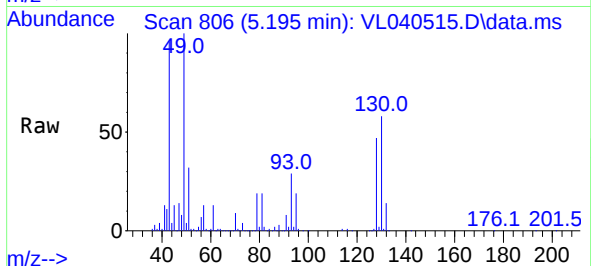




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

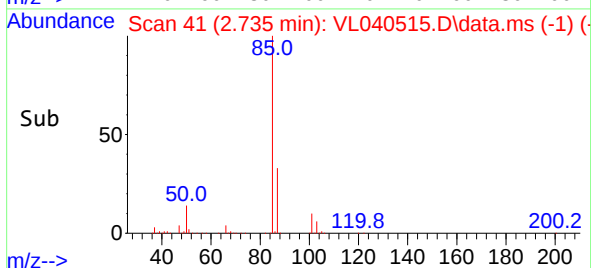
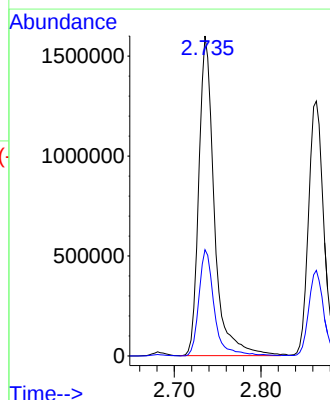
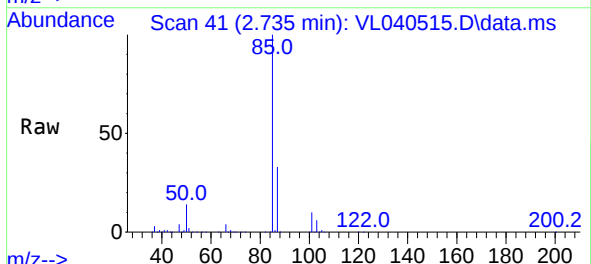
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

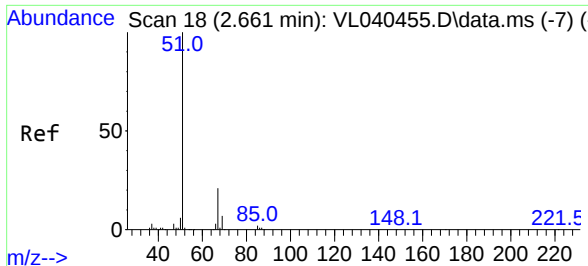
Tgt Ion: 49 Resp: 1010485
Ion Ratio Lower Upper
49 100
128 48.5 25.1 75.4
130 62.4 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 9.863 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion: 85 Resp: 1993461
Ion Ratio Lower Upper
85 100
87 33.2 26.8 40.2

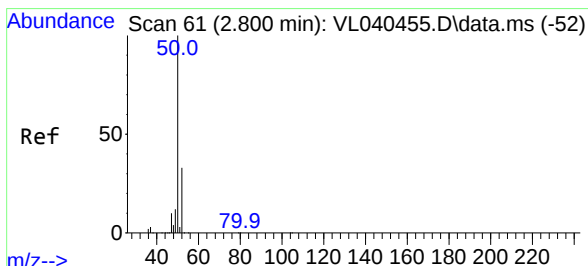
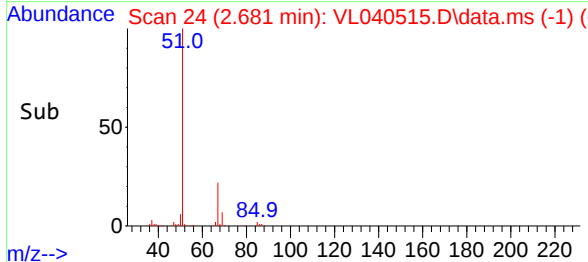
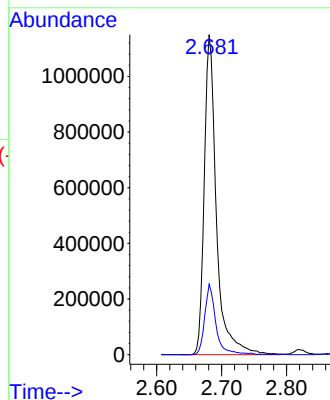
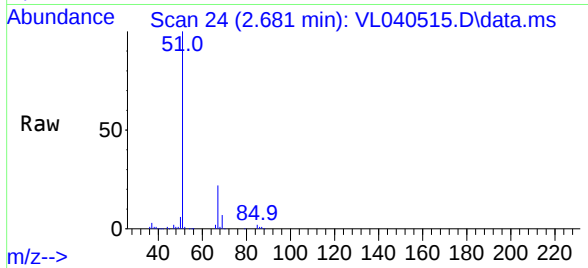




#3
Chlorodifluoromethane
Concen: 9.360 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

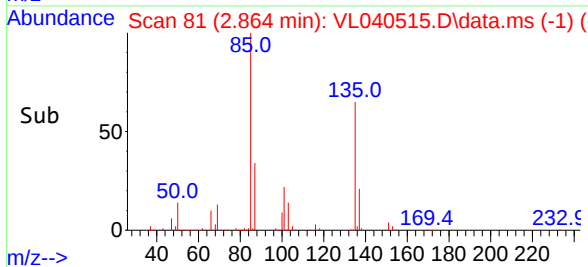
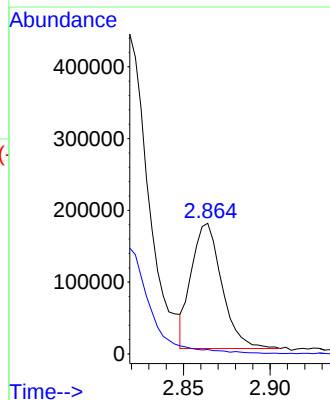
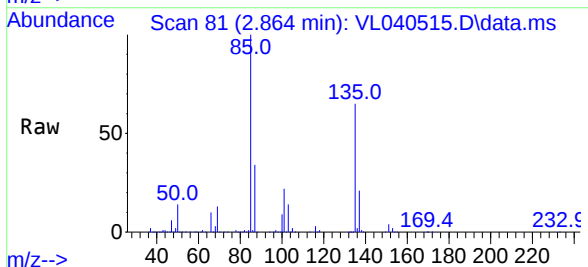
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

Tgt Ion: 51 Resp: 1499129
Ion Ratio Lower Upper
51 100
67 20.5 14.6 21.8

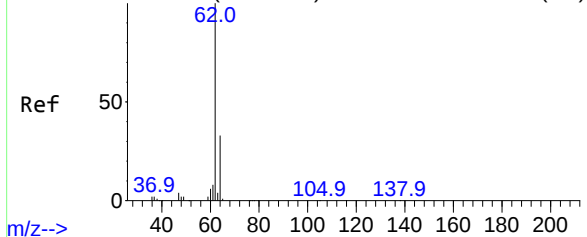


#4
Chloromethane
Concen: 3.345 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.042 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion: 50 Resp: 212236
Ion Ratio Lower Upper
50 100
52 3.1 24.4 36.6#



Abundance Scan 94 (2.906 min): VL040455.D\data.ms (-85)

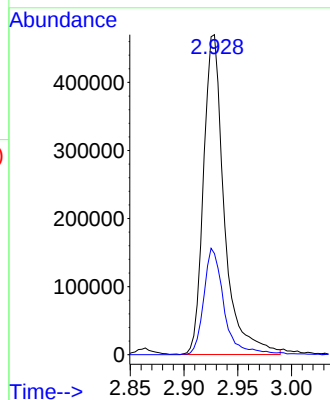
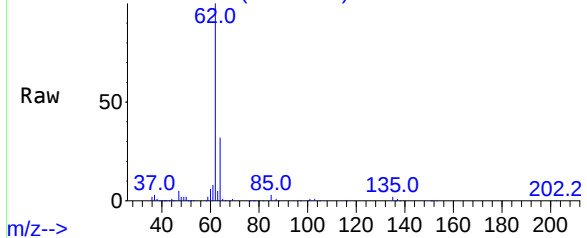


#5
Vinyl Chloride
Concen: 9.476 ppbv
RT: 2.928 min Scan# 101
Delta R.T. 0.000 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

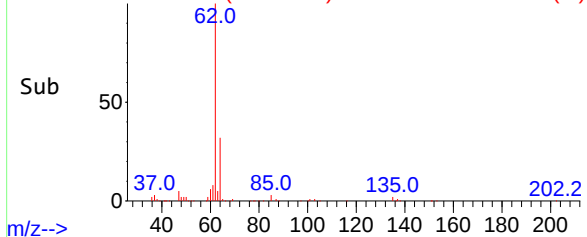
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

Tgt Ion: 62 Resp: 631349
Ion Ratio Lower Upper
62 100
64 31.6 26.4 39.6

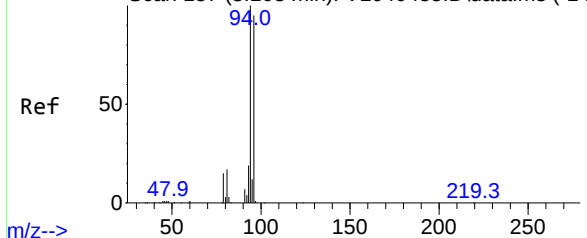
Abundance Scan 101 (2.928 min): VL040515.D\data.ms



Abundance Scan 101 (2.928 min): VL040515.D\data.ms (-1)



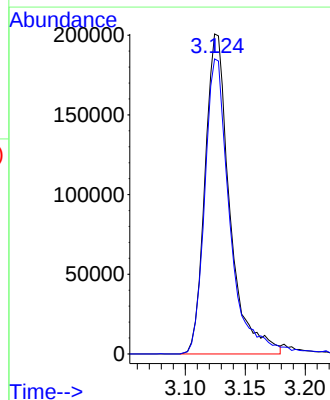
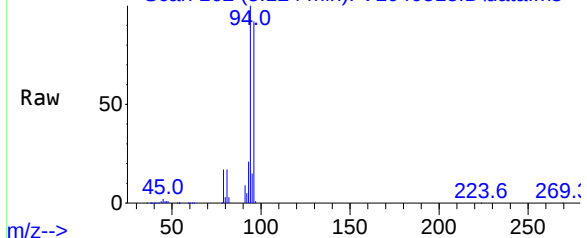
Abundance Scan 157 (3.108 min): VL040455.D\data.ms (-14)



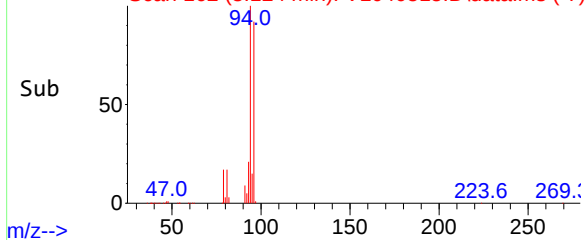
#6
Bromomethane
Concen: 10.247 ppbv
RT: 3.124 min Scan# 162
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

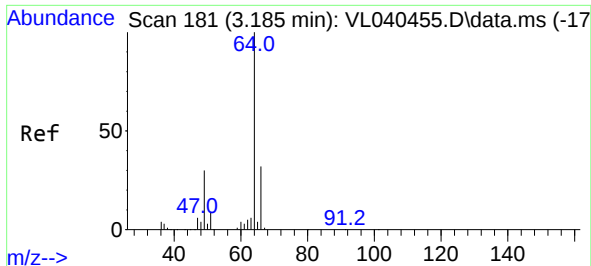
Tgt Ion: 94 Resp: 288171
Ion Ratio Lower Upper
94 100
96 92.2 75.7 113.5

Abundance Scan 162 (3.124 min): VL040515.D\data.ms



Abundance Scan 162 (3.124 min): VL040515.D\data.ms (-7)

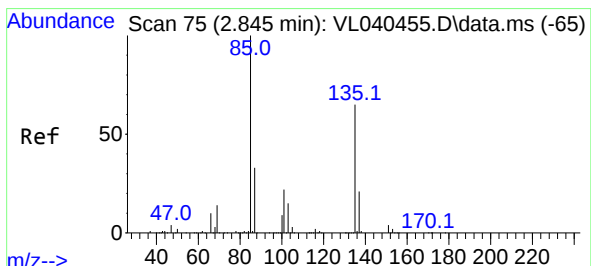
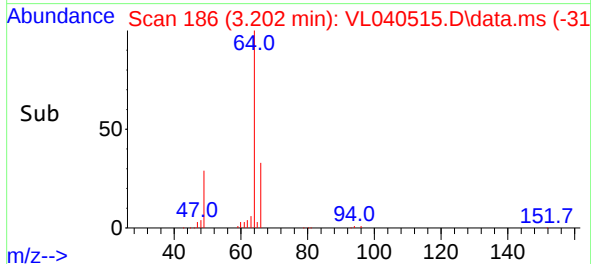
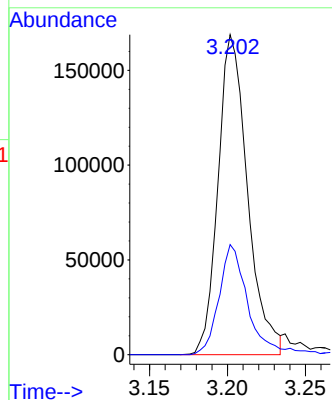
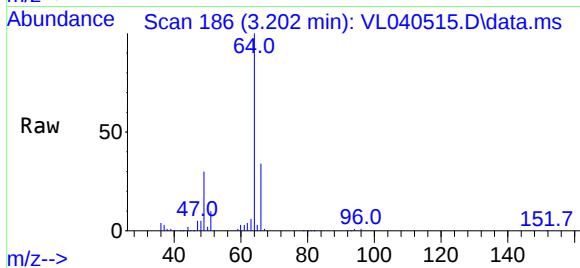




#7
Chloroethane
Concen: 9.512 ppbv
RT: 3.202 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

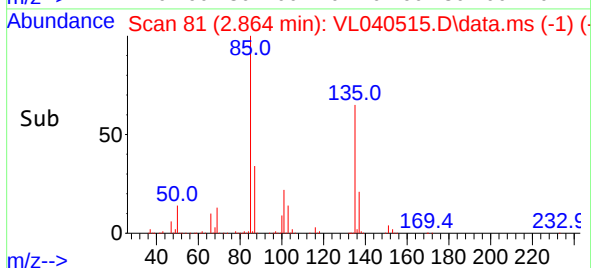
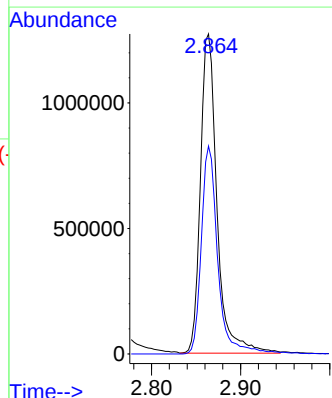
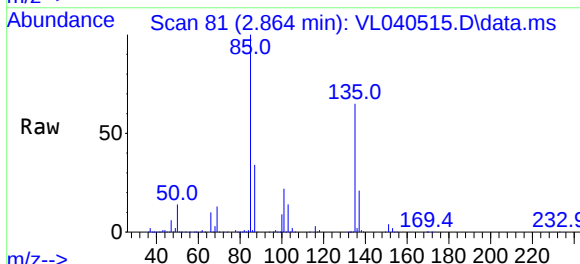
Instrument :
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ClientSampleId :
VL0710ABS01

Tgt Ion: 64 Resp: 222361
Ion Ratio Lower Upper
64 100
66 34.4 24.4 36.6

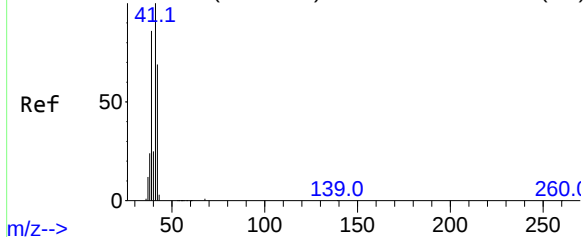


#8
Dichlorotetrafluoroethane
Concen: 9.874 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion: 85 Resp: 1641894
Ion Ratio Lower Upper
85 100
135 65.2 52.4 78.6



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 7.975 ppbv

RT: 2.700 min Scan# 30

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Instrument :

MSVOA_L

ClientSampleId :

VL0710ABS01

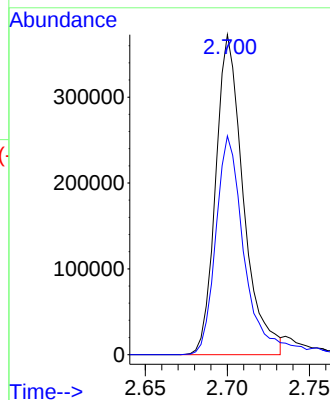
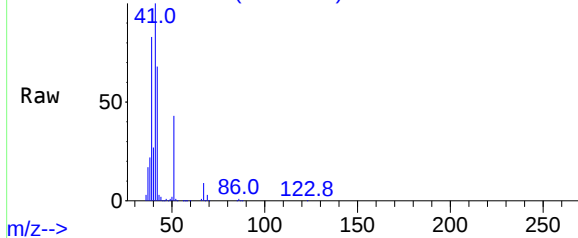
Tgt Ion: 41 Resp: 437316

Ion Ratio Lower Upper

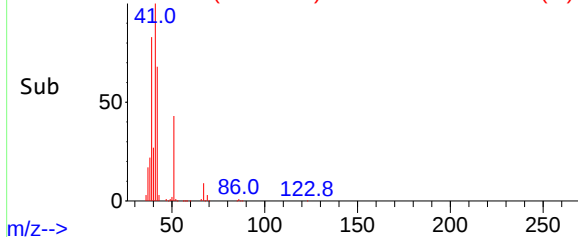
41 100

42 73.1 55.0 82.6

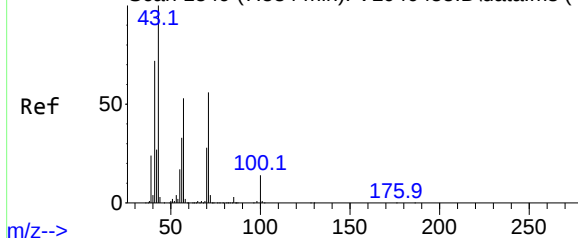
Abundance Scan 30 (2.700 min): VL040515.D\data.ms



Abundance Scan 30 (2.700 min): VL040515.D\data.ms (-1)



Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



#10

Heptane

Concen: 9.541 ppbv

RT: 7.587 min Scan# 1550

Delta R.T. -0.003 min

Lab File: VL040515.D

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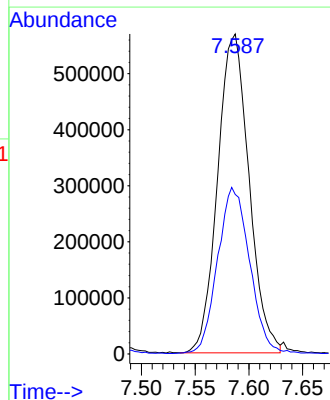
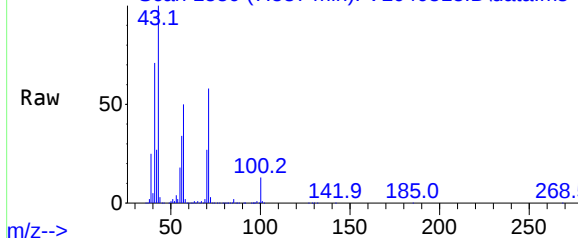
Tgt Ion: 43 Resp: 1155233

Ion Ratio Lower Upper

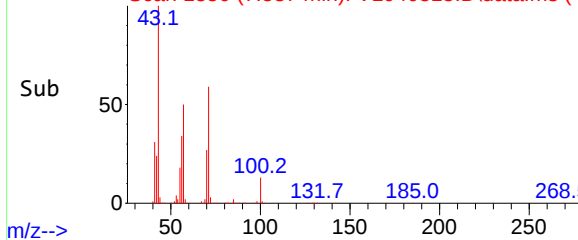
43 100

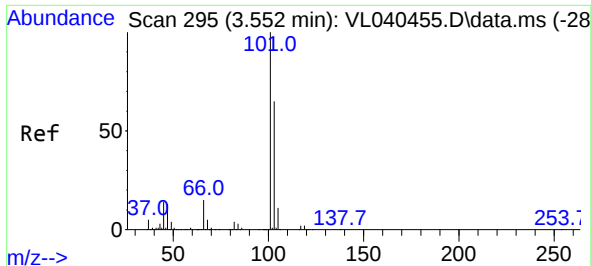
57 54.0 42.5 63.7

Abundance Scan 1550 (7.587 min): VL040515.D\data.ms



Abundance Scan 1550 (7.587 min): VL040515.D\data.ms (-1)

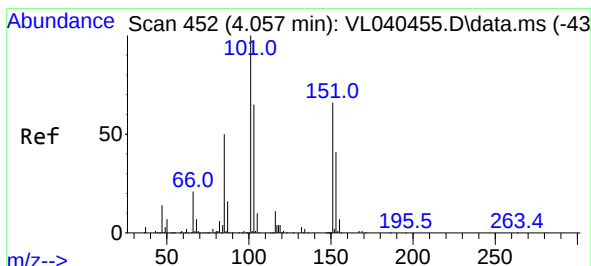
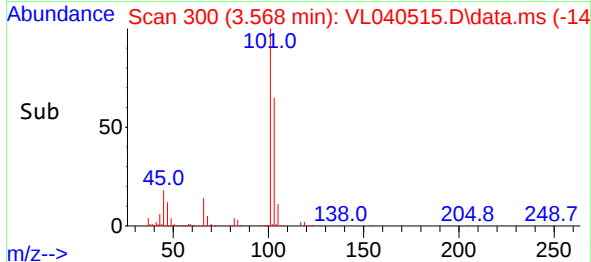
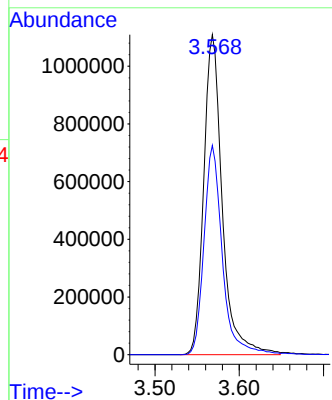
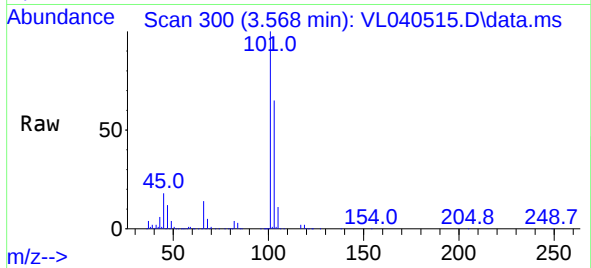




#11
Trichlorofluoromethane
Concen: 10.438 ppbv
RT: 3.568 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

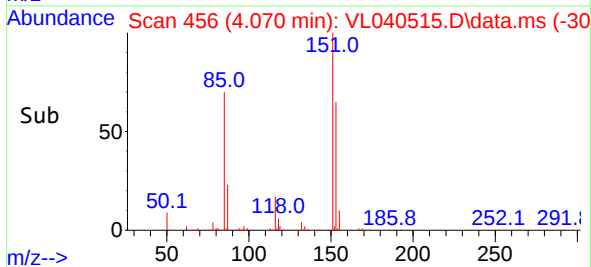
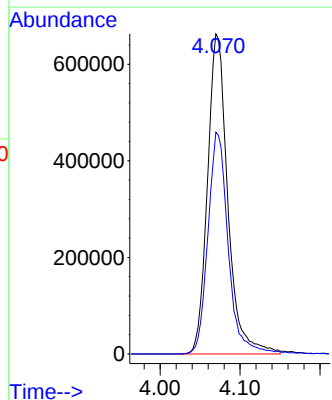
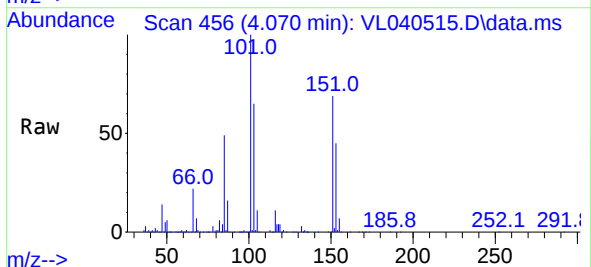
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

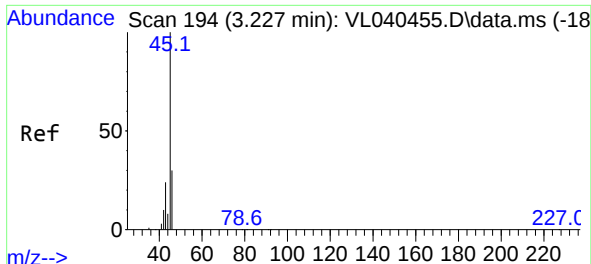
Tgt Ion:101 Resp: 1702366
Ion Ratio Lower Upper
101 100
103 65.4 53.4 80.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.188 ppbv
RT: 4.070 min Scan# 456
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion:101 Resp: 1170194
Ion Ratio Lower Upper
101 100
151 69.6 58.2 87.4

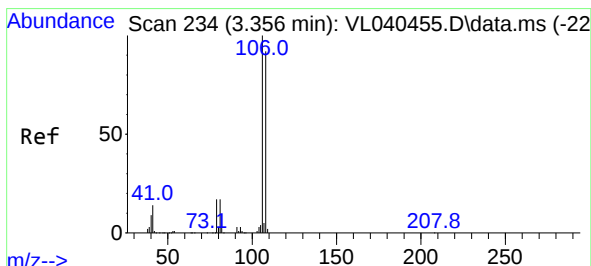
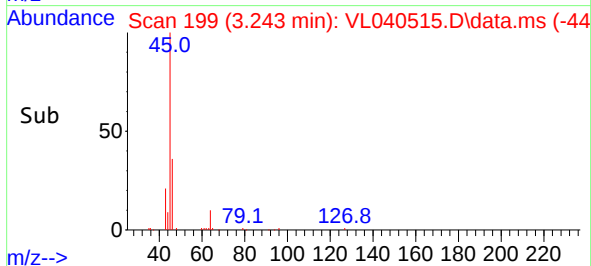
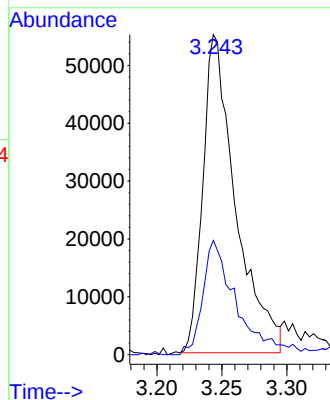
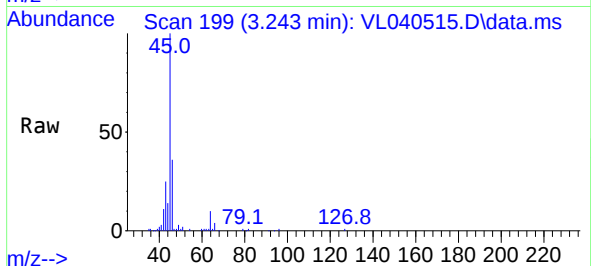




#13
Ethanol
Concen: 8.105 ppbv
RT: 3.243 min Scan# 194
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

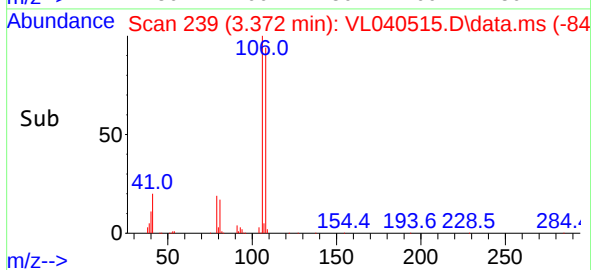
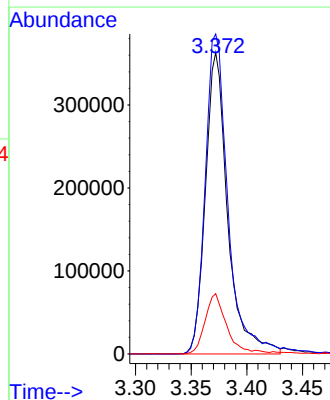
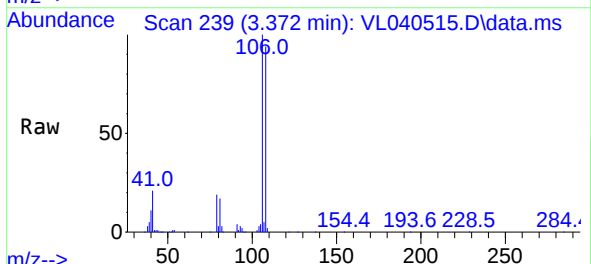
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

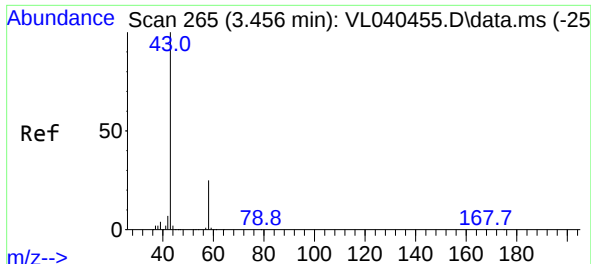
Tgt Ion: 45 Resp: 96693
Ion Ratio Lower Upper
45 100
46 37.4 15.3 61.1



#14
Bromoethene
Concen: 10.252 ppbv
RT: 3.372 min Scan# 239
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion: 108 Resp: 506320
Ion Ratio Lower Upper
108 100
106 110.2 87.2 130.8
79 20.3 15.3 22.9

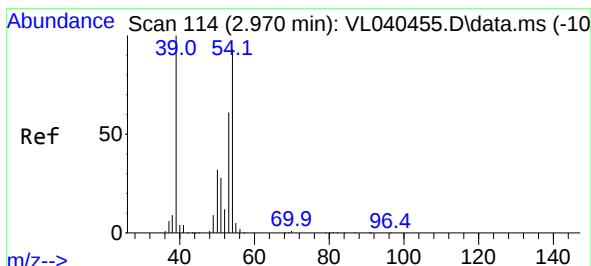
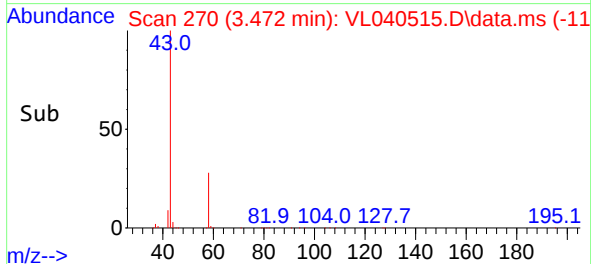
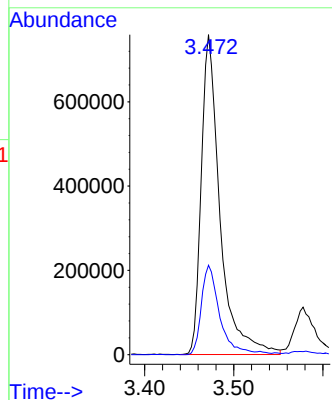
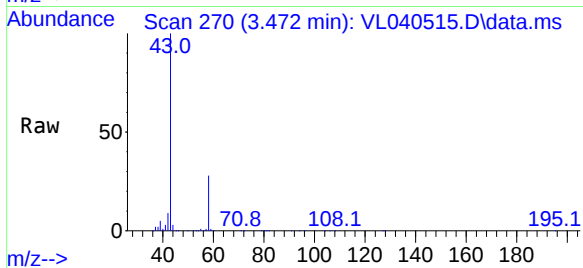




#15
Acetone
Concen: 9.499 ppbv
RT: 3.472 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

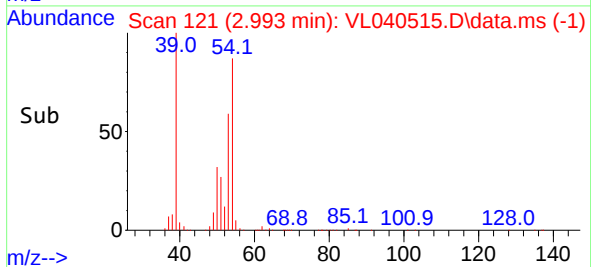
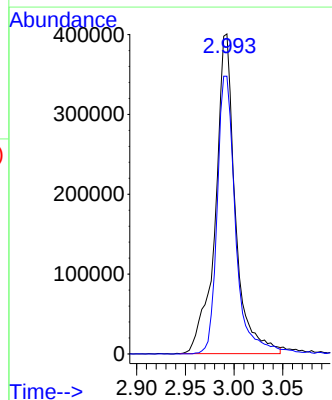
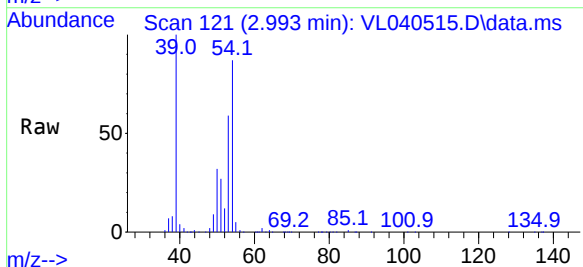
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

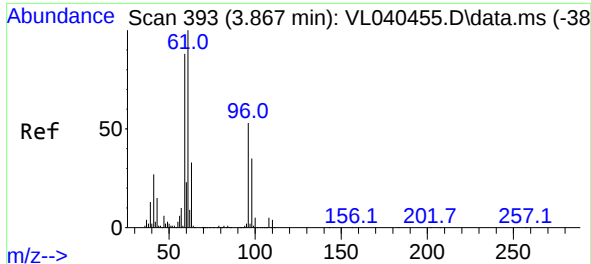
Tgt Ion: 43 Resp: 1104876
Ion Ratio Lower Upper
43 100
58 27.9 22.9 34.3



#16
1,3-Butadiene
Concen: 9.755 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.000 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion: 39 Resp: 572412
Ion Ratio Lower Upper
39 100
54 81.2 66.6 100.0





#17

tert-Butyl alcohol

Concen: 9.575 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Instrument :

MSVOA_L

ClientSampleId :

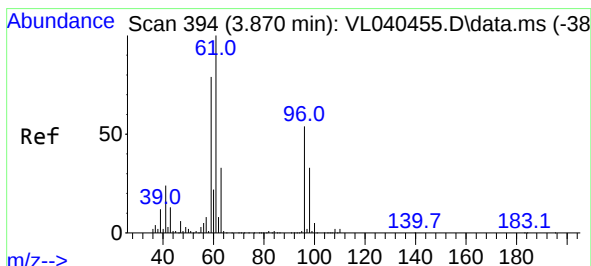
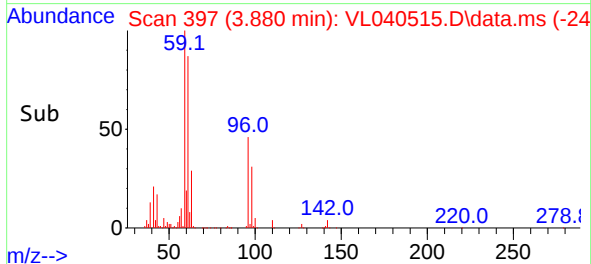
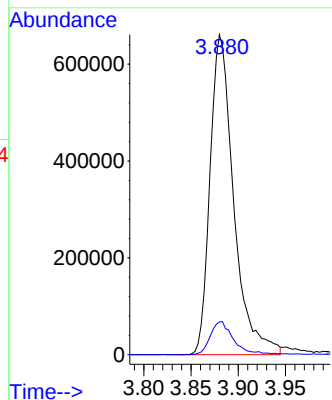
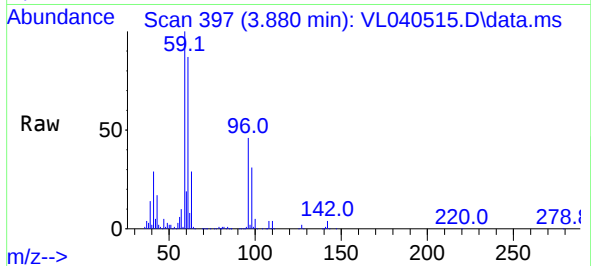
VL0710ABS01

Tgt Ion: 59 Resp: 1151881

Ion Ratio Lower Upper

59 100

57 10.4 8.7 13.1



#18

1,1-Dichloroethene

Concen: 10.468 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.006 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

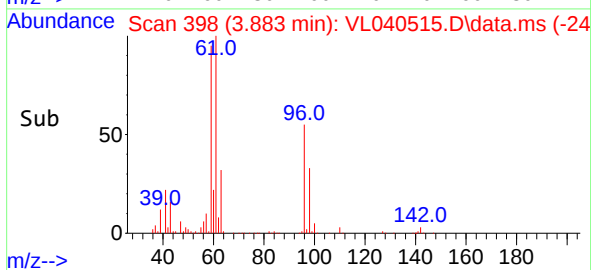
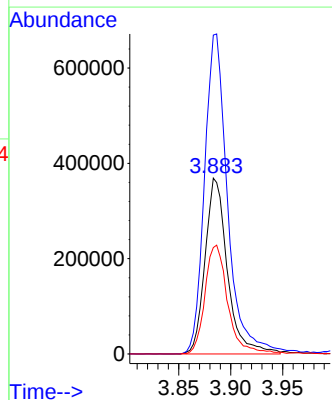
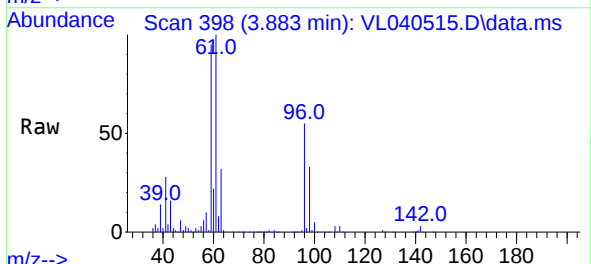
Tgt Ion: 96 Resp: 552767

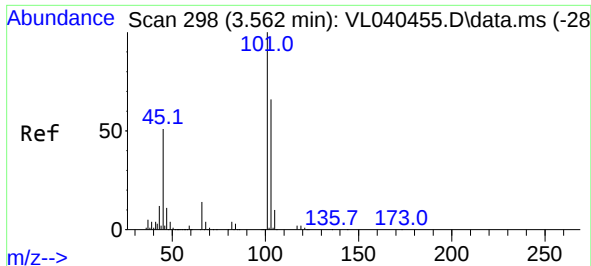
Ion Ratio Lower Upper

96 100

61 181.3 154.4 231.6

98 60.5 50.0 75.0





#19

Isopropyl Alcohol

Concen: 9.378 ppbv

RT: 3.578 min Scan# 303

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Instrument :

MSVOA_L

ClientSampleId :

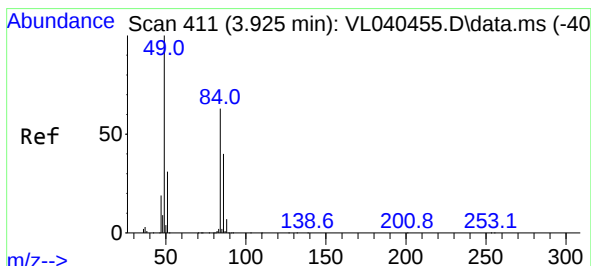
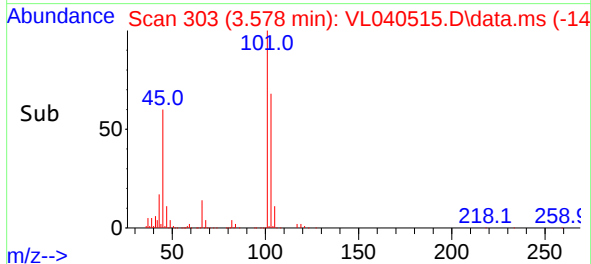
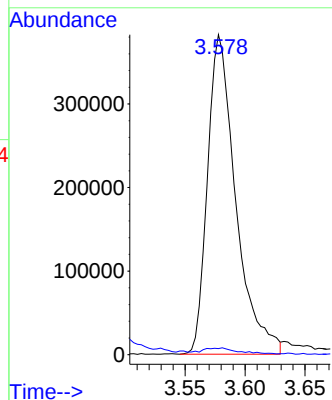
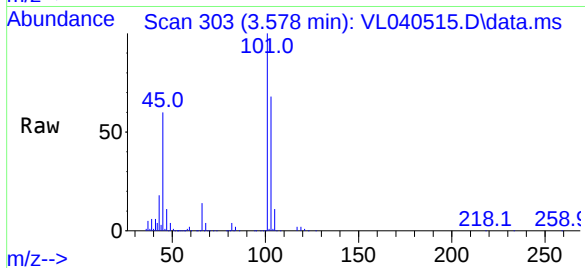
VL0710ABS01

Tgt Ion: 45 Resp: 626193

Ion Ratio Lower Upper

45 100

58 2.7 1.1 1.7#



#20

Methylene Chloride

Concen: 9.205 ppbv

RT: 3.938 min Scan# 415

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Tgt Ion: 84 Resp: 455411

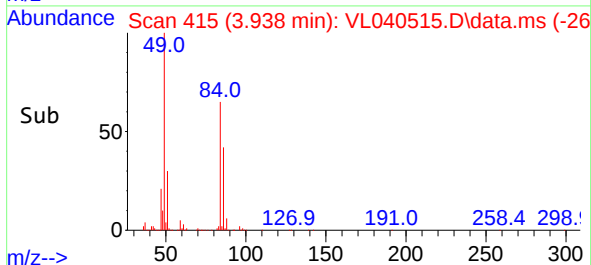
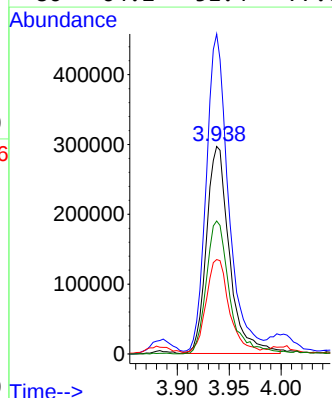
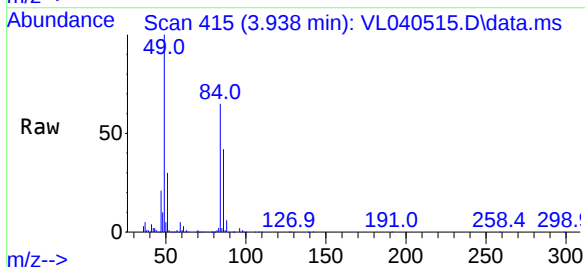
Ion Ratio Lower Upper

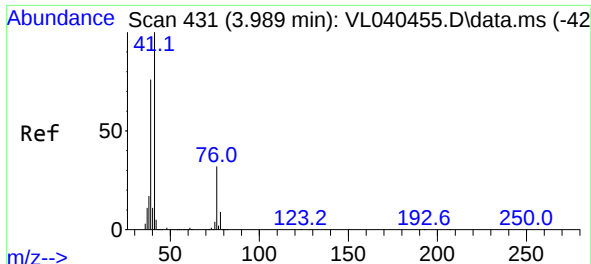
84 100

49 152.9 123.4 185.2

51 44.4 38.3 57.5

86 64.2 51.4 77.0





#21

Allyl Chloride

Concen: 9.724 ppbv

RT: 4.002 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Instrument :

MSVOA_L

ClientSampleId :

VL0710ABS01

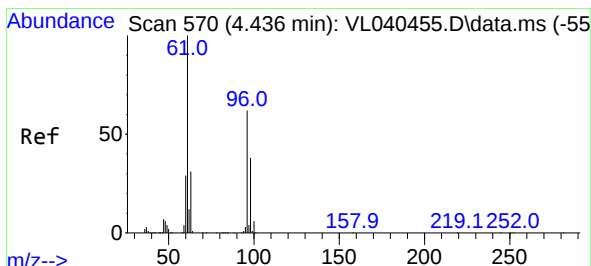
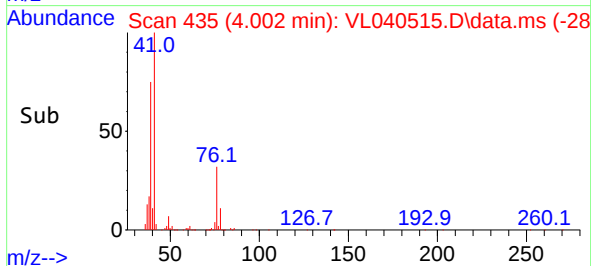
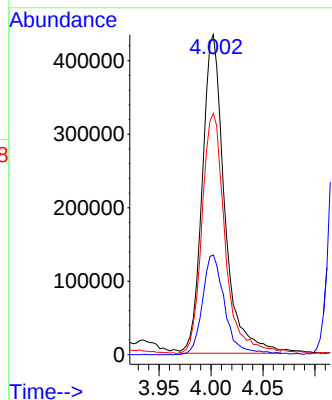
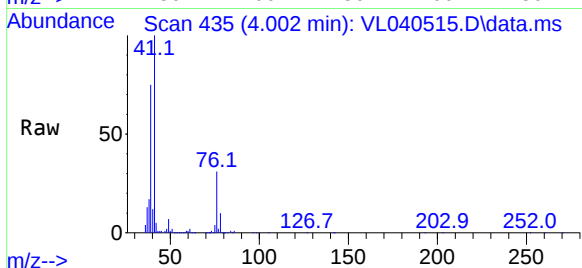
Tgt Ion: 41 Resp: 645927

Ion Ratio Lower Upper

41 100

76 31.8 24.8 37.2

39 79.0 60.6 91.0



#22

trans-1,2-Dichloroethene

Concen: 10.397 ppbv

RT: 4.449 min Scan# 574

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

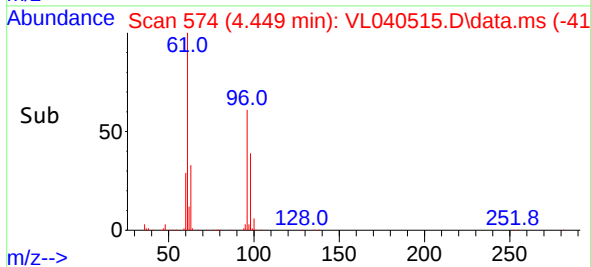
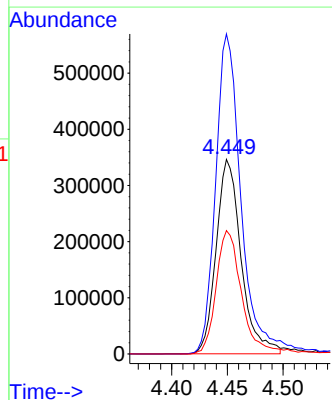
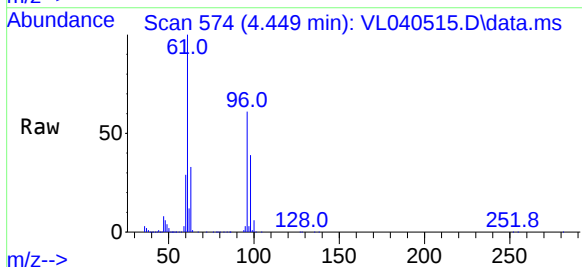
Tgt Ion: 96 Resp: 541658

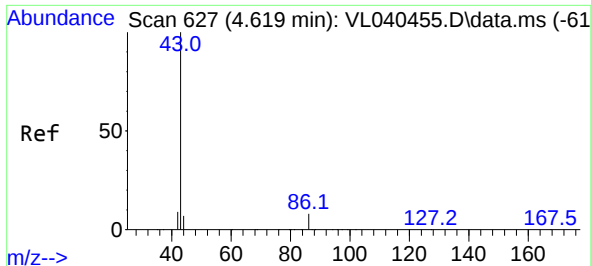
Ion Ratio Lower Upper

96 100

61 164.5 137.7 206.5

98 63.4 52.9 79.3



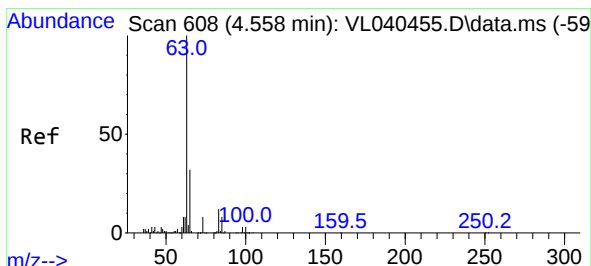
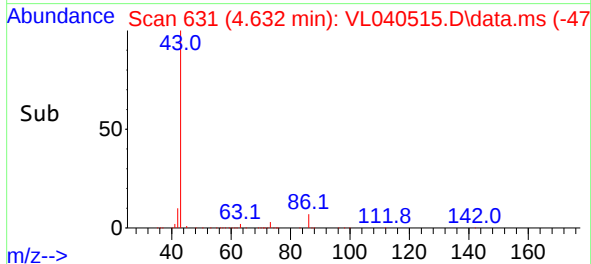
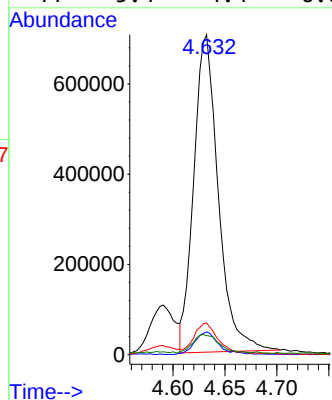
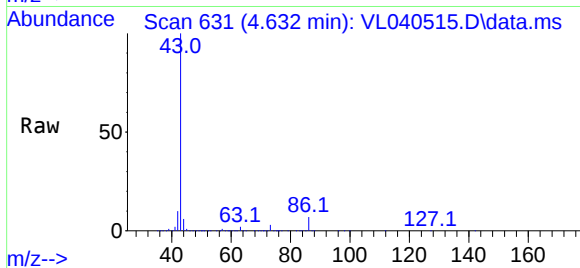


#23
 Vinyl Acetate
 Concen: 10.406 ppbv
 RT: 4.632 min Scan# 611
 Delta R.T. -0.003 min
 Lab File: VL040515.D
 Acq: 10 Jul 2023 20:30

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0710ABS01

Tgt Ion: 43 Resp: 1153127

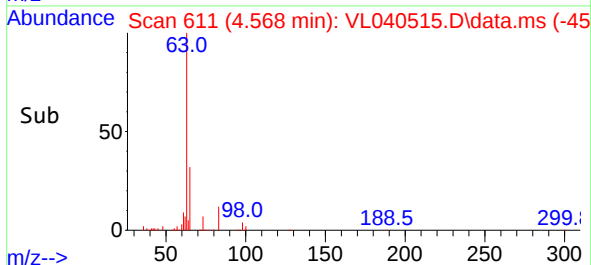
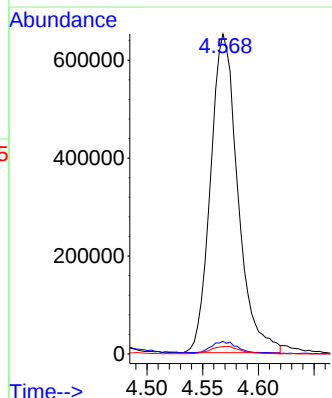
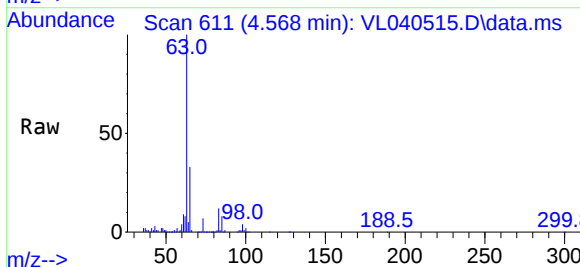
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.6	8.4
42	9.8	7.4	11.2
44	5.4	4.4	6.6

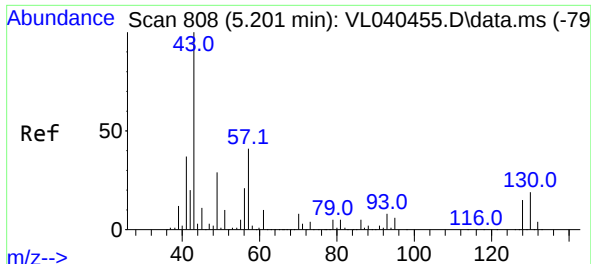


#24
 1,1-Dichloroethane
 Concen: 9.861 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. -0.003 min
 Lab File: VL040515.D
 Acq: 10 Jul 2023 20:30

Tgt Ion: 63 Resp: 1109150

Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.8	5.5
100	2.3	1.4	4.0



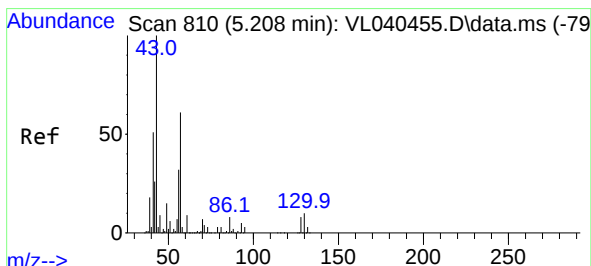
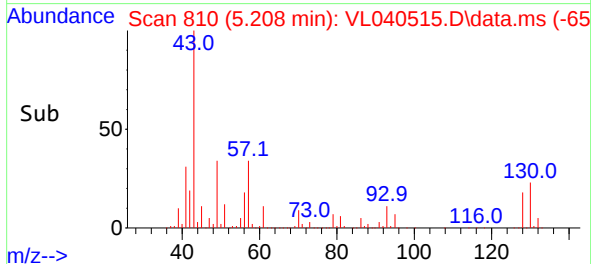
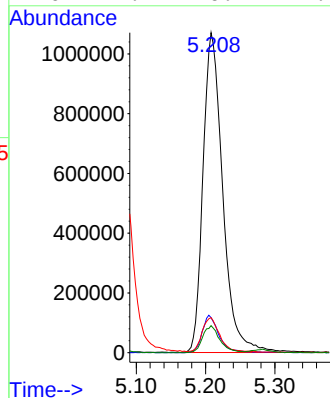
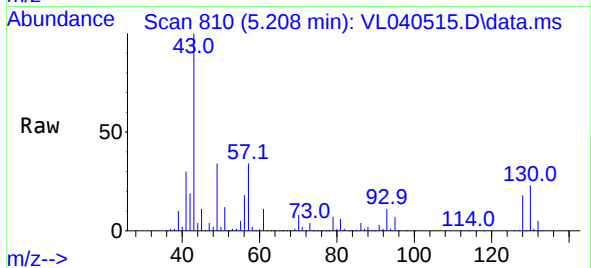


#25
Ethyl Acetate
Concen: 9.533 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

Tgt Ion: 43 Resp: 2111095

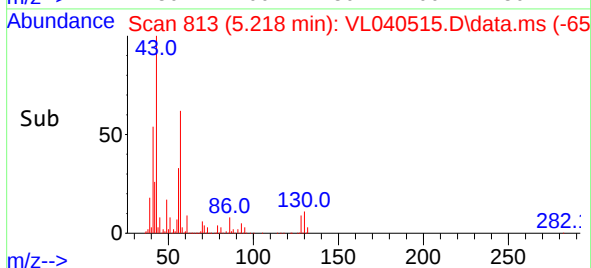
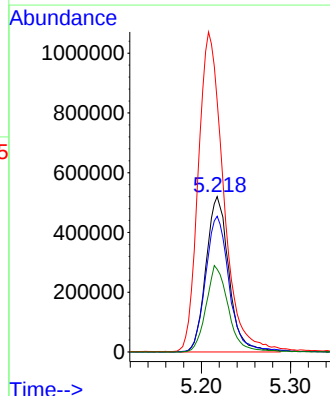
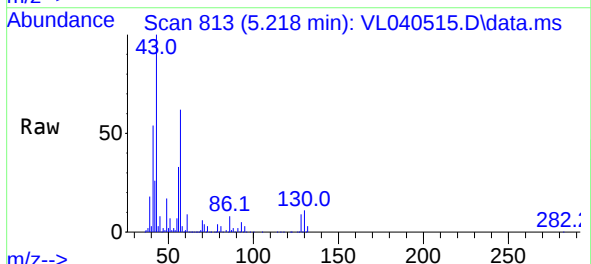
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.4
61	10.7	8.3	12.5
70	7.4	6.2	9.2

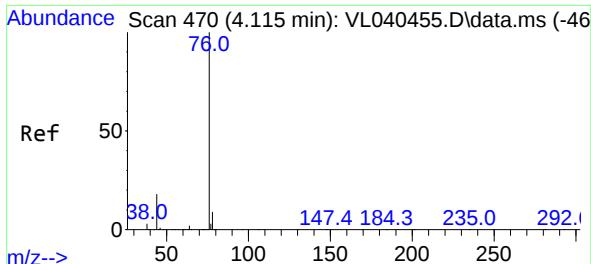


#26
Hexane
Concen: 9.007 ppbv
RT: 5.218 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion: 57 Resp: 926538

Ion	Ratio	Lower	Upper
57	100		
41	90.8	69.5	104.3
43	229.0	177.1	265.7
56	54.4	42.3	63.5

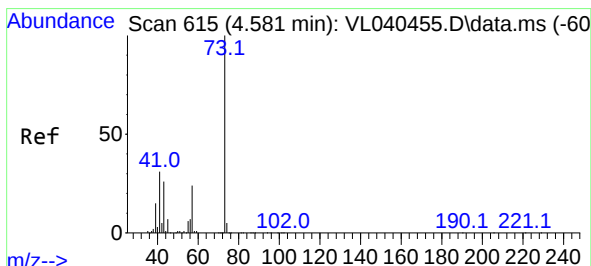
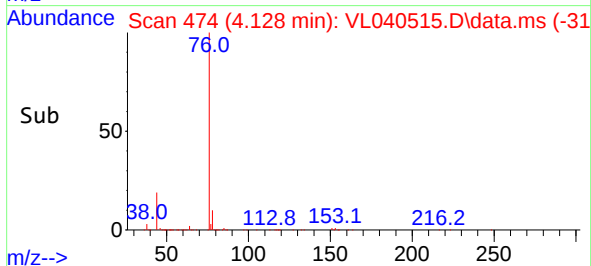
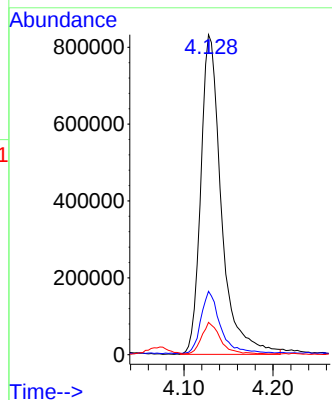
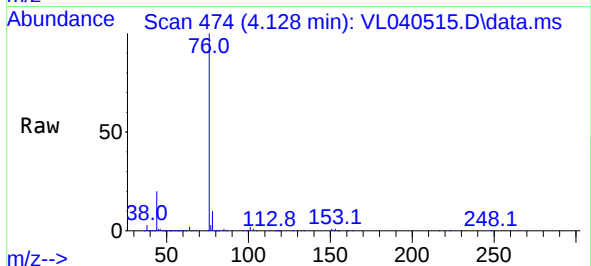




#27
Carbon Disulfide
Concen: 11.050 ppbv
RT: 4.128 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

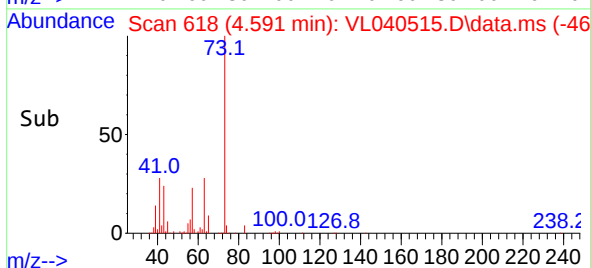
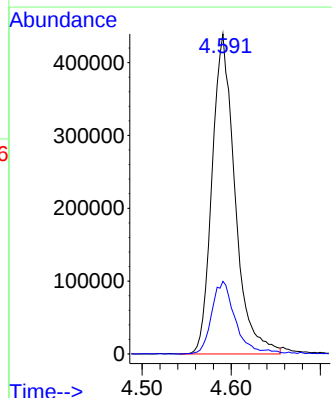
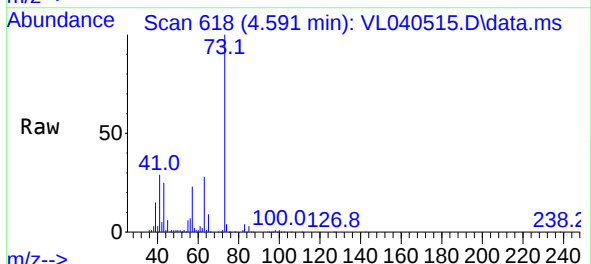
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

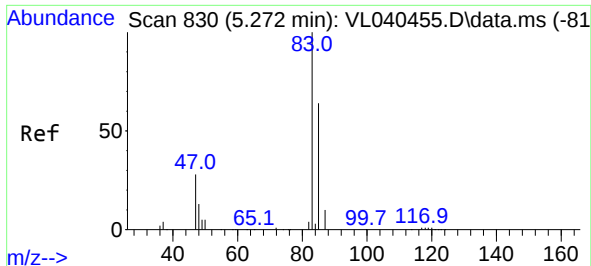
Tgt Ion: 76 Resp: 1337181
Ion Ratio Lower Upper
76 100
44 18.9 15.1 22.7
78 9.7 7.5 11.3



#28
Methyl tert-Butyl Ether
Concen: 9.489 ppbv
RT: 4.591 min Scan# 618
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion: 73 Resp: 785850
Ion Ratio Lower Upper
73 100
57 24.0 18.8 28.2





#29

Chloroform

Concen: 9.815 ppbv

RT: 5.282 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Instrument :

MSVOA_L

ClientSampleId :

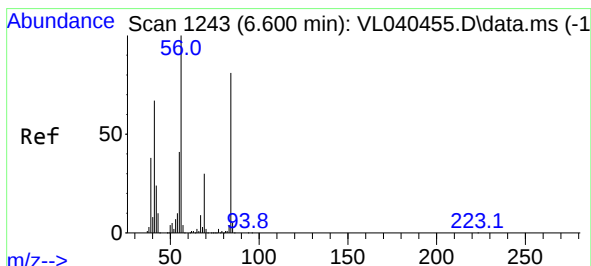
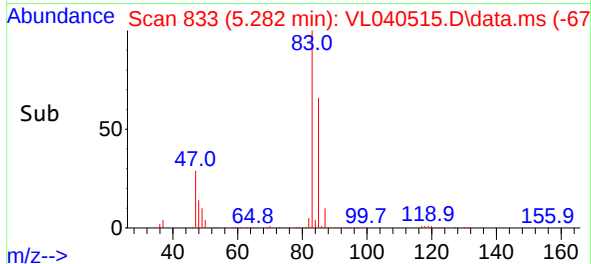
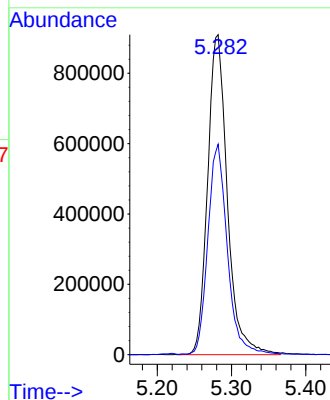
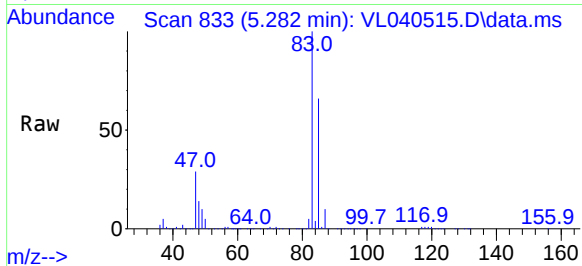
VL0710ABS01

Tgt Ion: 83 Resp: 1674767

Ion Ratio Lower Upper

83 100

85 65.6 51.1 76.7



#30

Cyclohexane

Concen: 9.194 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

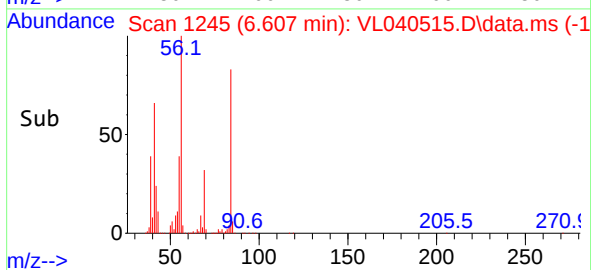
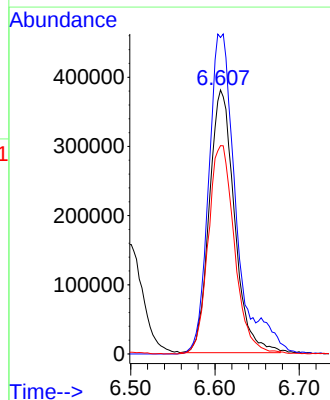
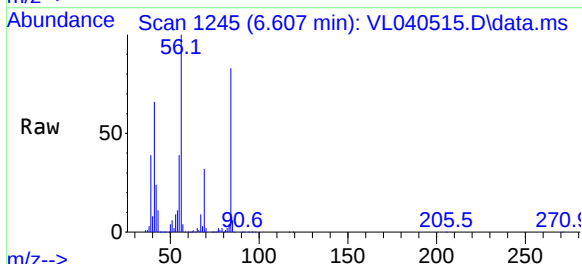
Tgt Ion: 84 Resp: 787008

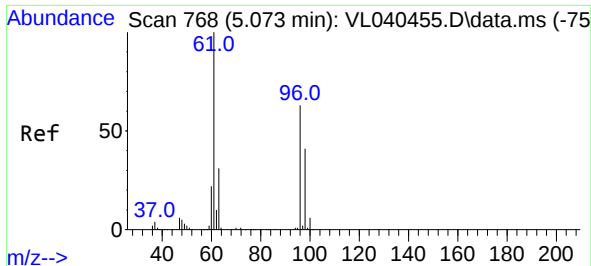
Ion Ratio Lower Upper

84 100

56 134.0 108.7 163.1

41 83.1 64.5 96.7

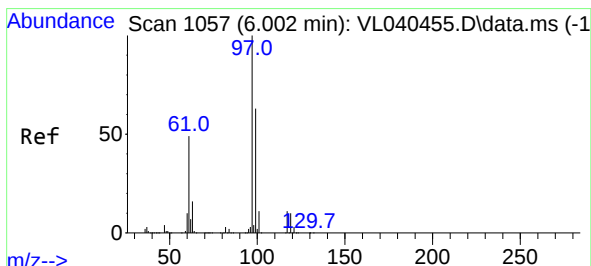
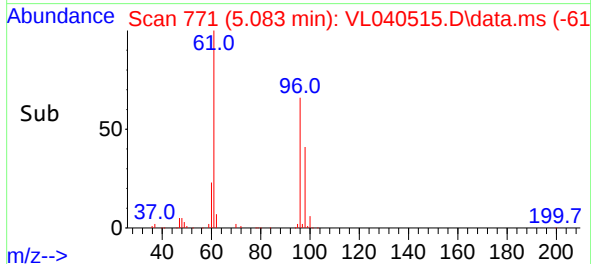
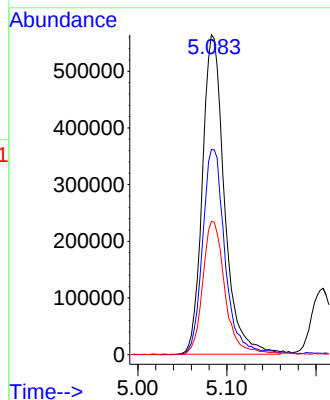
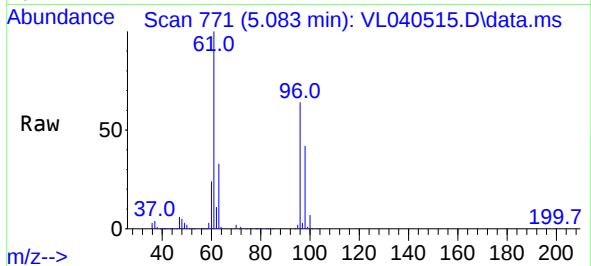




#31
 cis-1,2-Dichloroethene
 Concen: 9.547 ppbv
 RT: 5.083 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL040515.D
 Acq: 10 Jul 2023 20:30

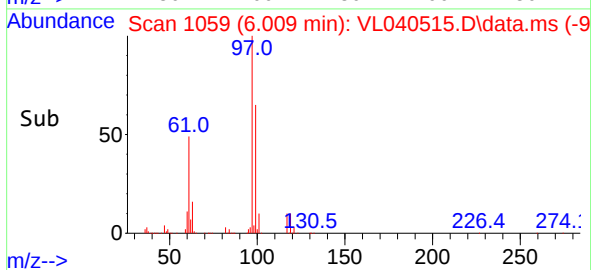
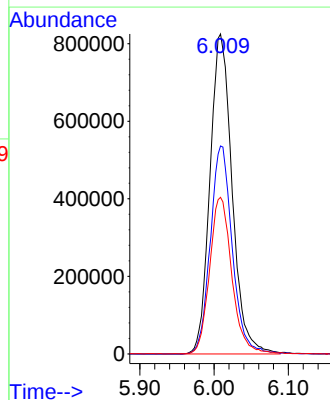
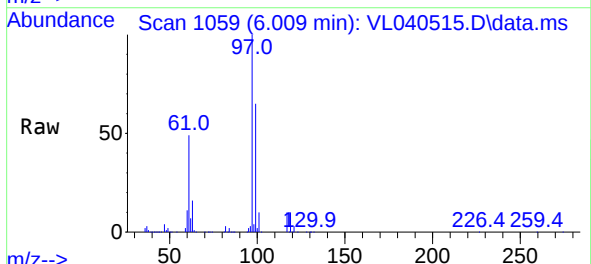
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0710ABS01

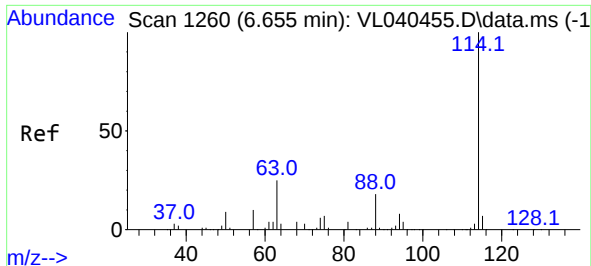
Tgt Ion: 61 Resp: 970792
 Ion Ratio Lower Upper
 61 100
 96 64.0 54.7 82.1
 98 41.6 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 10.240 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. -0.003 min
 Lab File: VL040515.D
 Acq: 10 Jul 2023 20:30

Tgt Ion: 97 Resp: 1709625
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.0 78.0
 61 49.2 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Instrument :

MSVOA_L

ClientSampleId :

VL0710ABS01

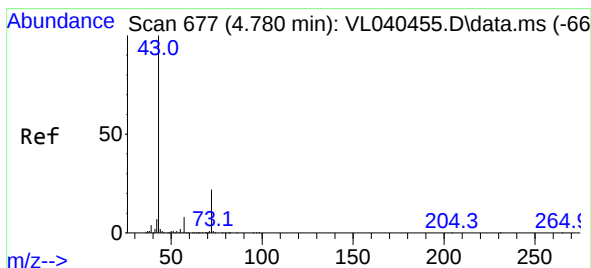
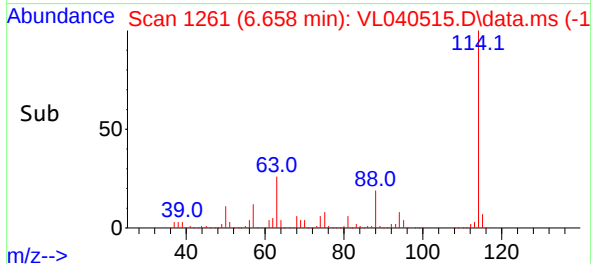
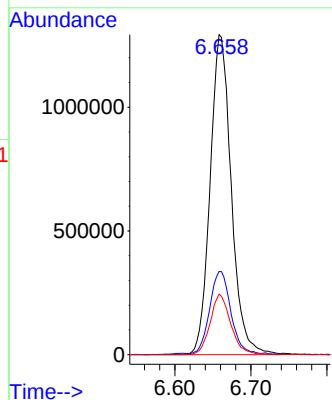
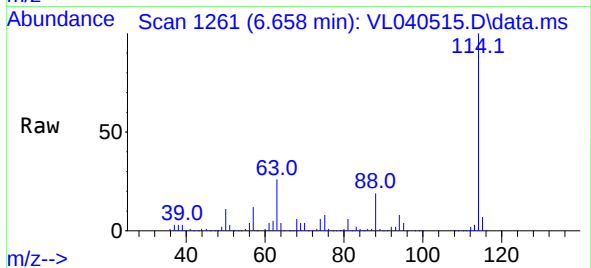
Tgt Ion:114 Resp: 2497666

Ion Ratio Lower Upper

114 100

63 26.8 19.6 29.4

88 18.5 14.2 21.2



#34

2-Butanone

Concen: 10.445 ppbv

RT: 4.790 min Scan# 680

Delta R.T. -0.003 min

Lab File: VL040515.D

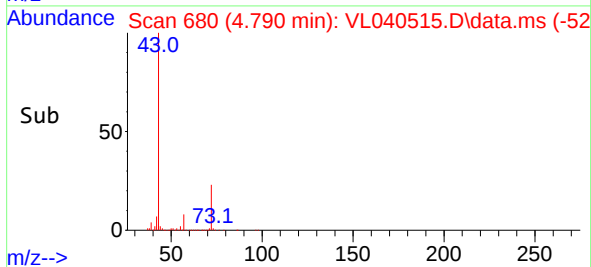
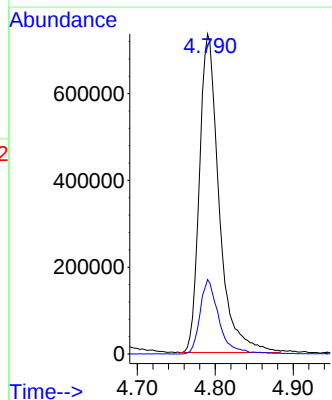
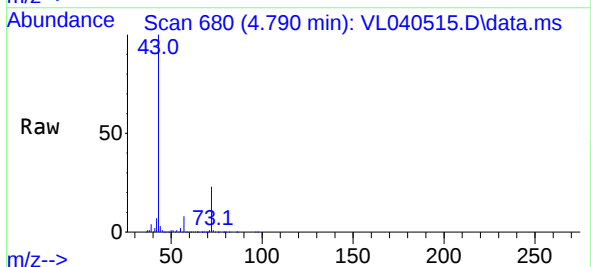
Acq: 10 Jul 2023 20:30

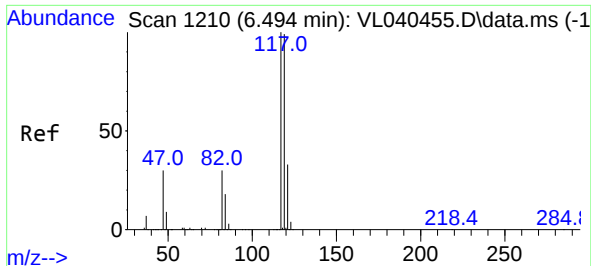
Tgt Ion: 43 Resp: 1289070

Ion Ratio Lower Upper

43 100

72 22.6 19.1 28.7

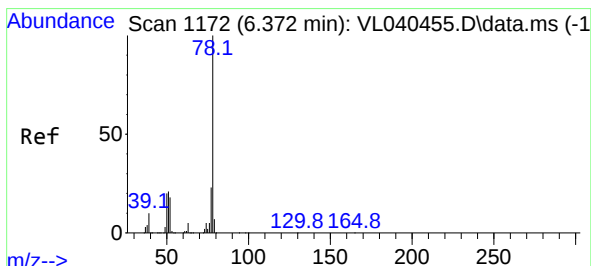
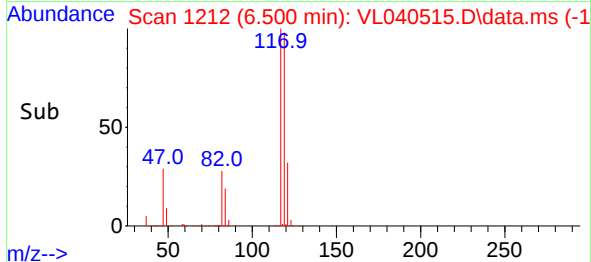
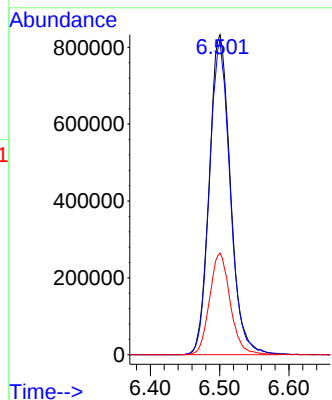
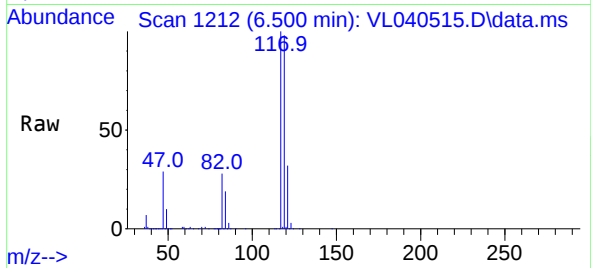




#35
Carbon Tetrachloride
Concen: 11.752 ppbv
RT: 6.500 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

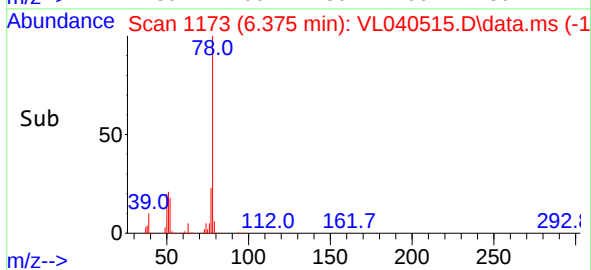
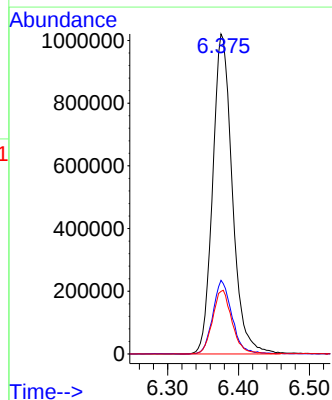
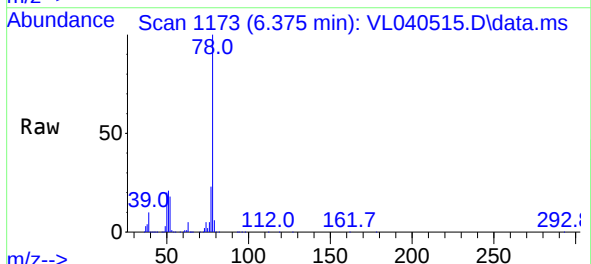
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

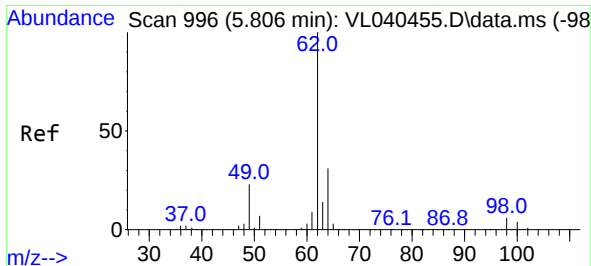
Tgt Ion:117 Resp: 1766519
Ion Ratio Lower Upper
117 100
119 98.1 77.8 116.6
121 31.8 24.8 37.2



#36
Benzene
Concen: 9.761 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion: 78 Resp: 1961728
Ion Ratio Lower Upper
78 100
77 23.0 17.4 26.0
50 19.5 14.4 21.6





#37

1,2-Dichloroethane

Concen: 10.986 ppbv

RT: 5.812 min Scan# 996

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Instrument :

MSVOA_L

ClientSampleId :

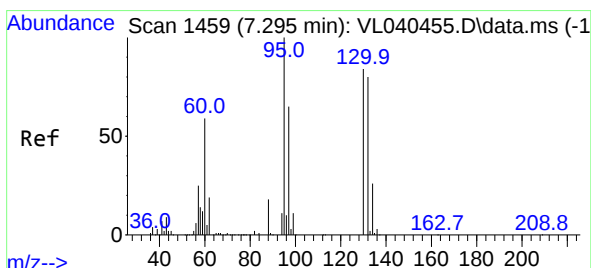
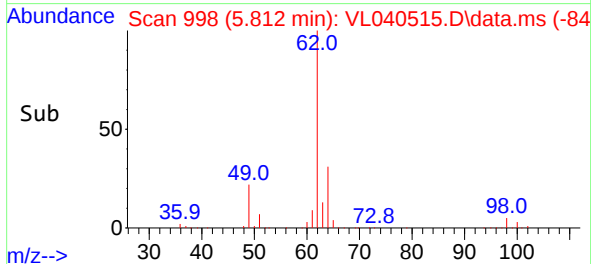
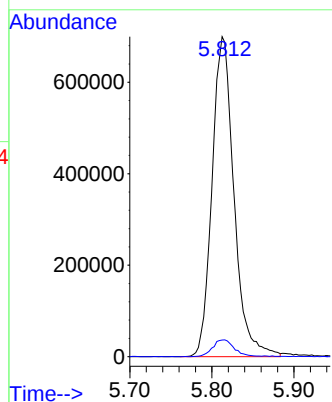
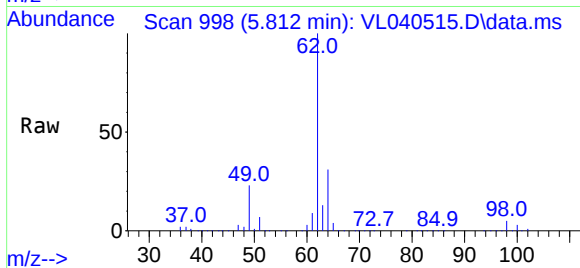
VL0710ABS01

Tgt Ion: 62 Resp: 1298889

Ion Ratio Lower Upper

62 100

98 5.4 5.1 7.7



#38

Trichloroethene

Concen: 10.592 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Tgt Ion:130 Resp: 805186

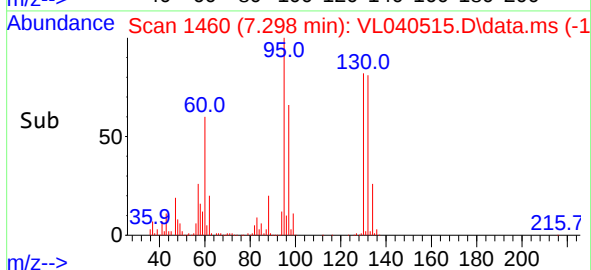
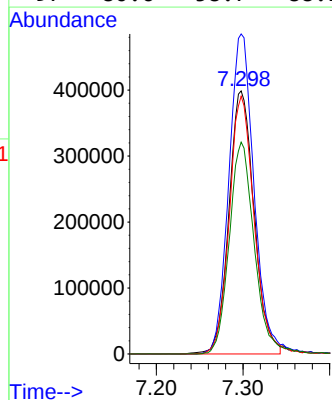
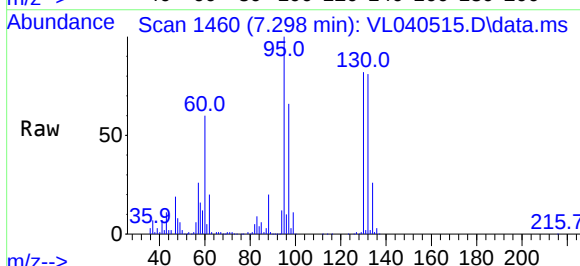
Ion Ratio Lower Upper

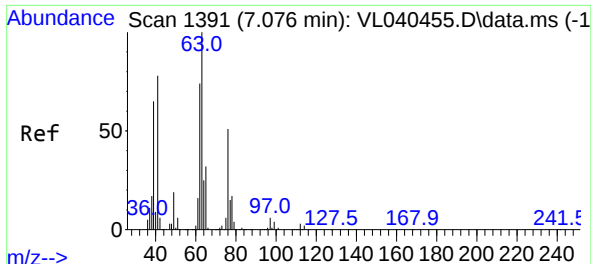
130 100

95 121.7 90.2 135.2

132 98.0 76.3 114.5

97 80.6 58.7 88.1





#39

1,2-Dichloropropane

Concen: 9.778 ppbv

RT: 7.079 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Instrument :

MSVOA_L

ClientSampleId :

VL0710ABS01

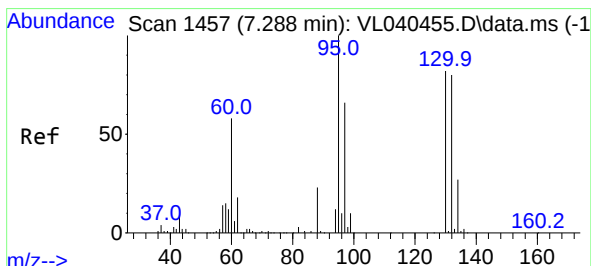
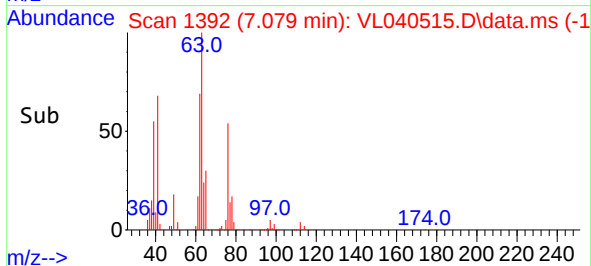
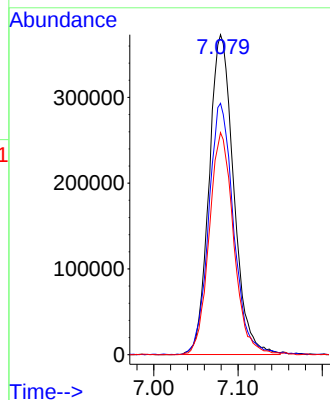
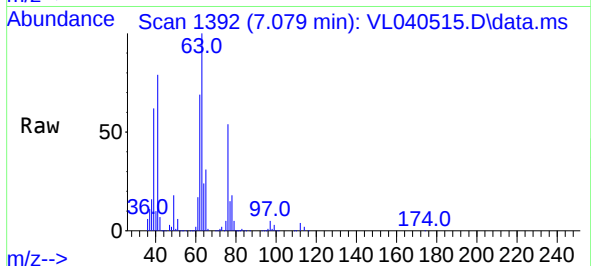
Tgt Ion: 63 Resp: 756480

Ion Ratio Lower Upper

63 100

41 78.5 54.3 81.5

62 69.4 55.6 83.4



#40

1,4-Dioxane

Concen: 10.274 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Tgt Ion: 88 Resp: 248598

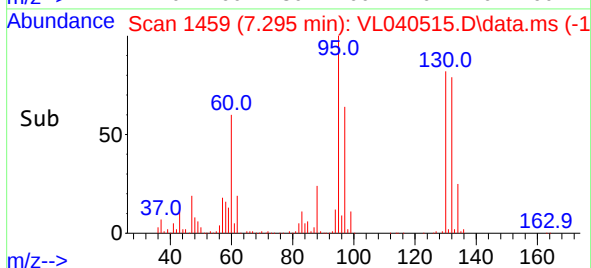
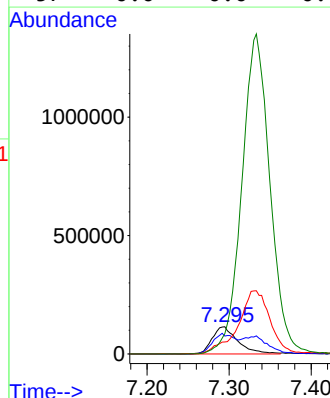
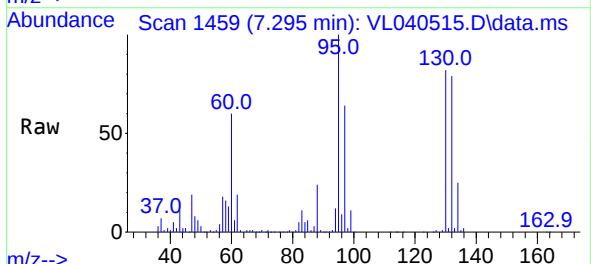
Ion Ratio Lower Upper

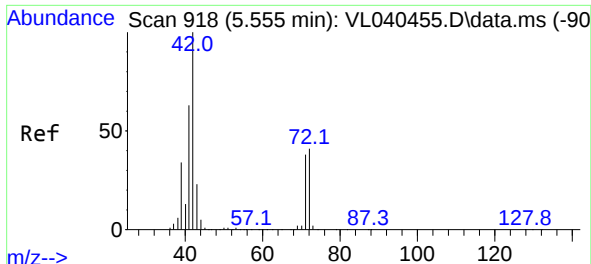
88 100

58 65.0 58.6 88.0

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.895 ppbv

RT: 5.562 min Scan# 918

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Instrument :

MSVOA_L

ClientSampleId :

VL0710ABS01

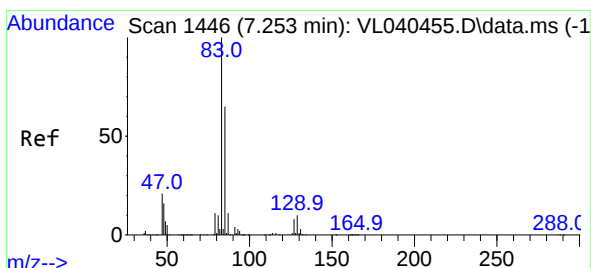
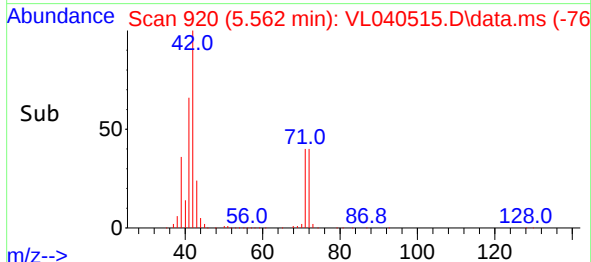
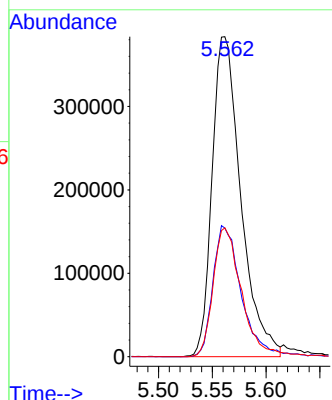
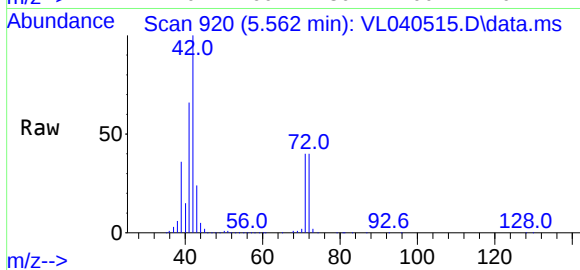
Tgt Ion: 42 Resp: 712681

Ion Ratio Lower Upper

42 100

72 40.9 33.8 50.8

71 40.2 33.0 49.6



#42

Bromodichloromethane

Concen: 11.029 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

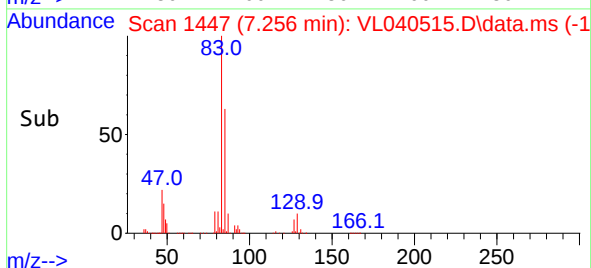
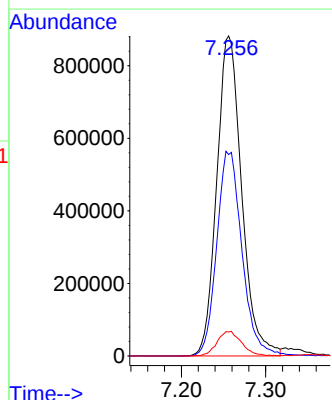
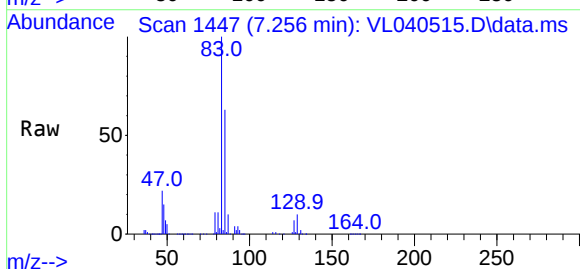
Tgt Ion: 83 Resp: 1813501

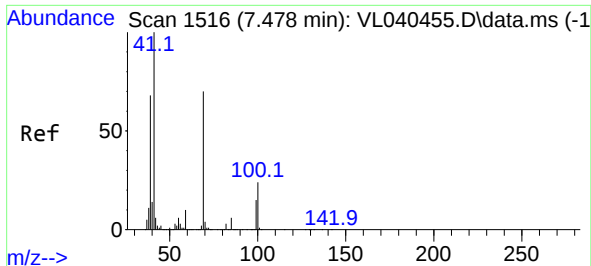
Ion Ratio Lower Upper

83 100

85 62.9 51.1 76.7

127 7.5 6.5 9.7

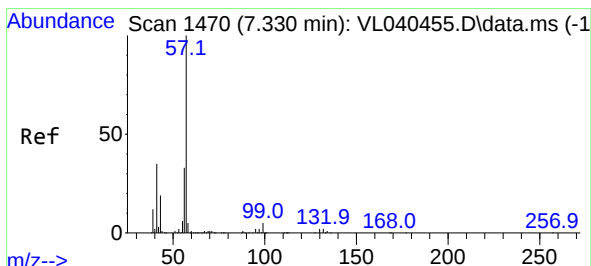
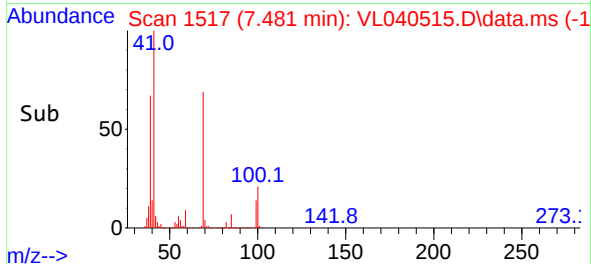
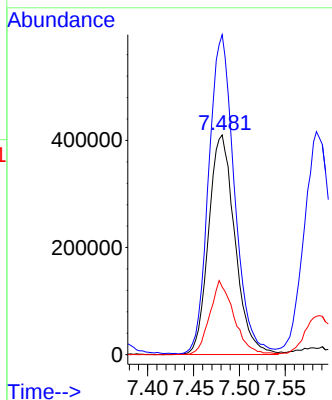
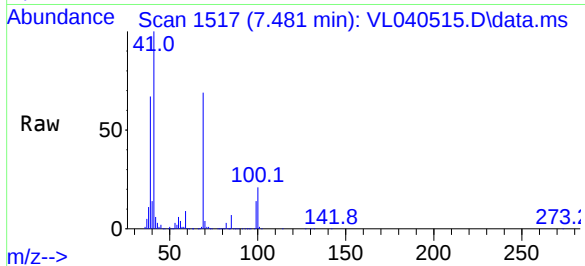




#43
Methyl Methacrylate
Concen: 10.849 ppbv
RT: 7.481 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

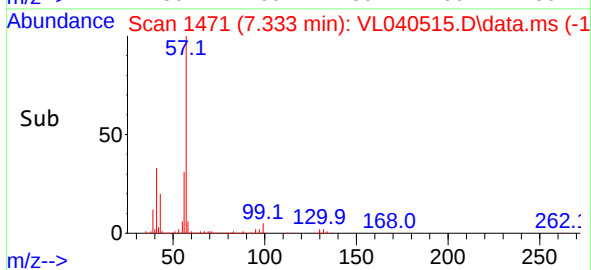
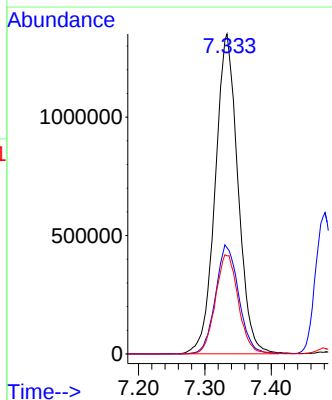
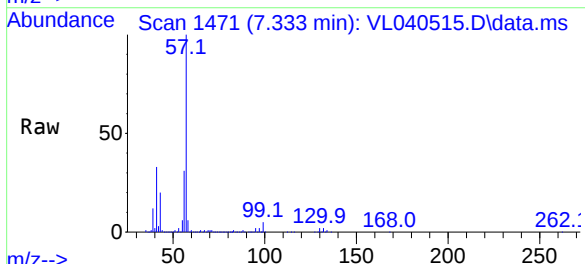
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

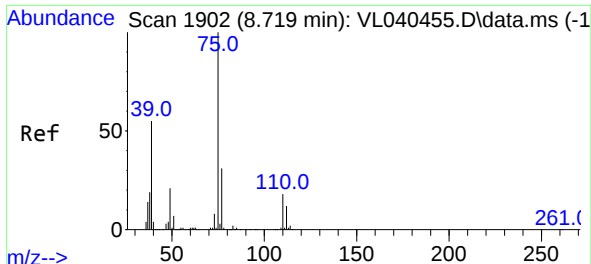
Tgt Ion: 69 Resp: 816070
Ion Ratio Lower Upper
69 100
41 142.5 111.7 167.5
100 31.3 26.9 40.3



#44
2,2,4-Trimethylpentane
Concen: 9.945 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion: 57 Resp: 3215565
Ion Ratio Lower Upper
57 100
41 34.8 25.5 38.3
56 31.4 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 11.920 ppbv

RT: 8.716 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Instrument :

MSVOA_L

ClientSampleId :

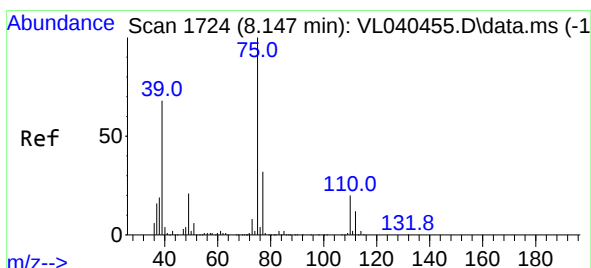
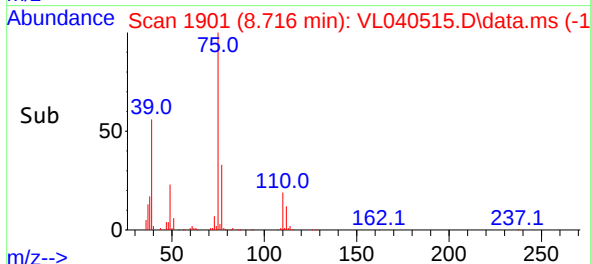
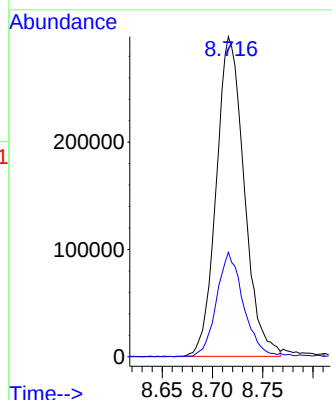
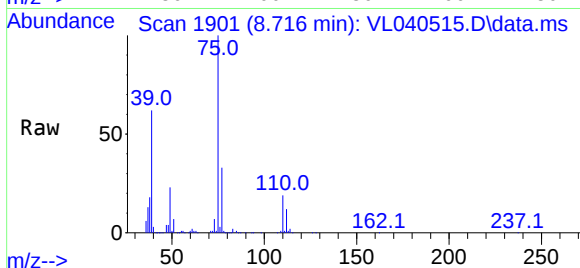
VL0710ABS01

Tgt Ion: 75 Resp: 575198

Ion Ratio Lower Upper

75 100

77 32.6 26.0 39.0



#46

cis-1,3-Dichloropropene

Concen: 11.205 ppbv

RT: 8.150 min Scan# 1725

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

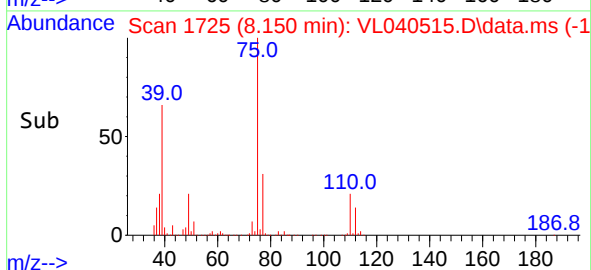
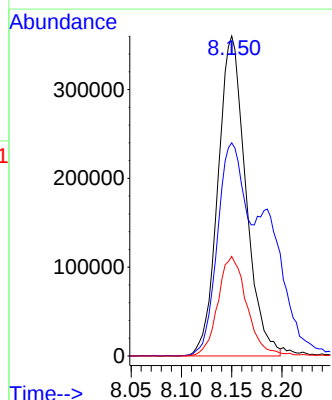
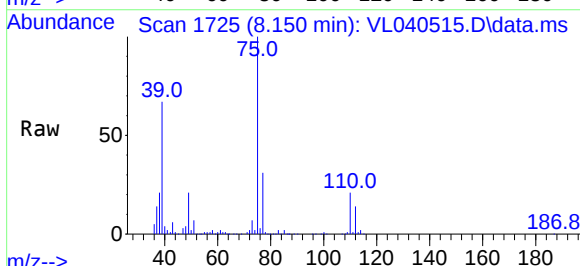
Tgt Ion: 75 Resp: 693709

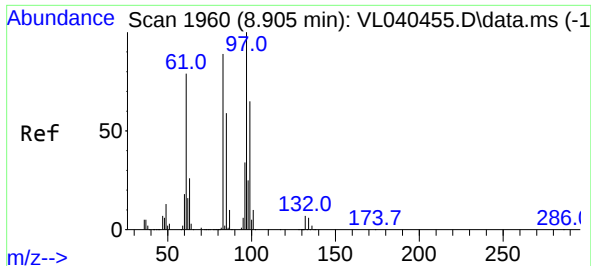
Ion Ratio Lower Upper

75 100

39 66.5 48.0 72.0

77 31.1 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 10.005 ppbv

RT: 8.909 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Instrument :

MSVOA_L

ClientSampleId :

VL0710ABS01

Tgt Ion: 97 Resp: 853988

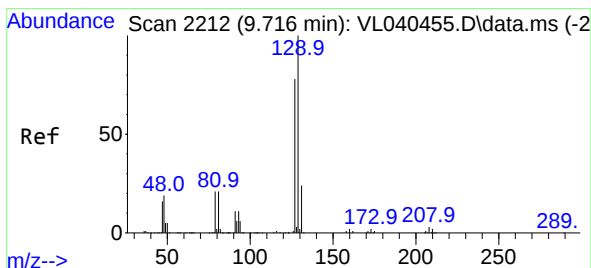
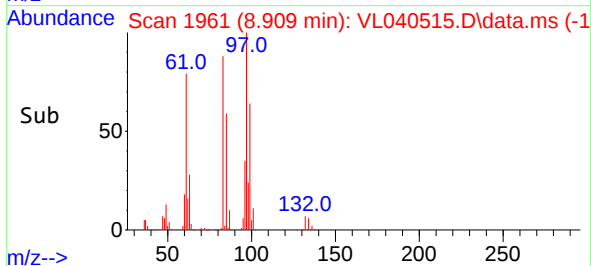
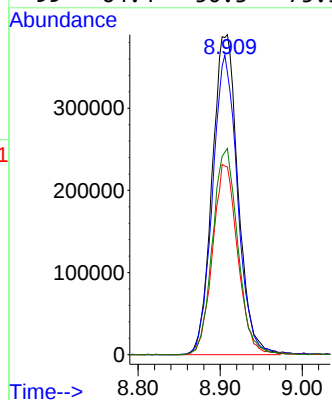
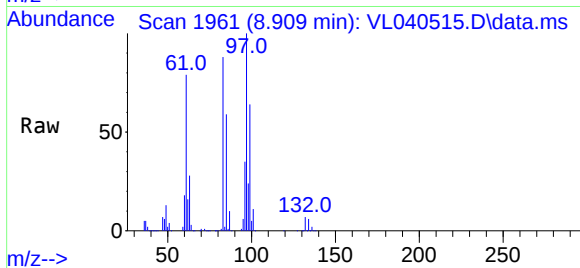
Ion Ratio Lower Upper

97 100

83 88.1 73.4 110.0

85 58.6 46.6 70.0

99 64.4 50.3 75.5



#48

Dibromochloromethane

Concen: 11.475 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. -0.006 min

Lab File: VL040515.D

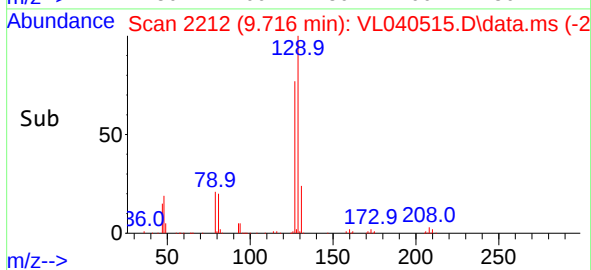
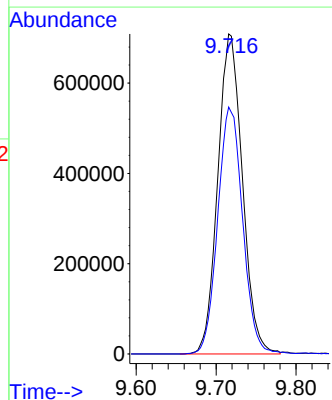
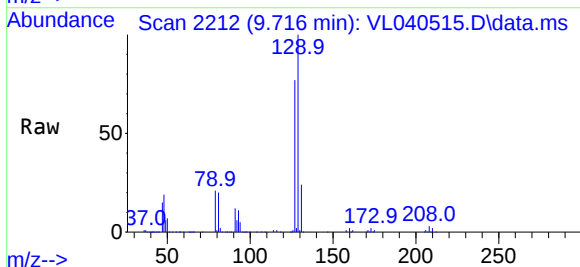
Acq: 10 Jul 2023 20:30

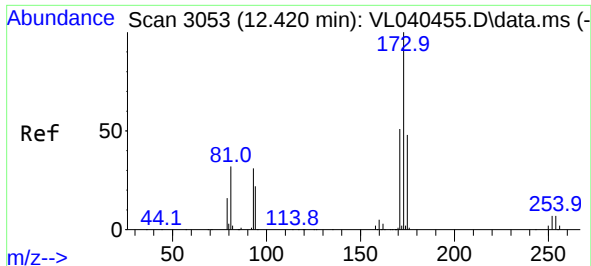
Tgt Ion: 129 Resp: 1514341

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.3

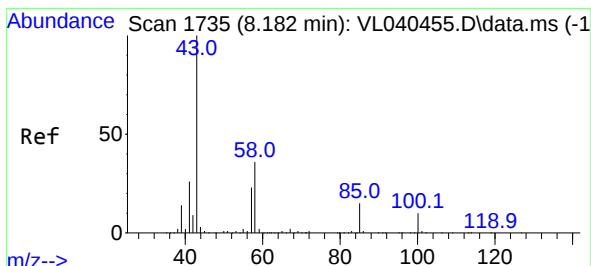
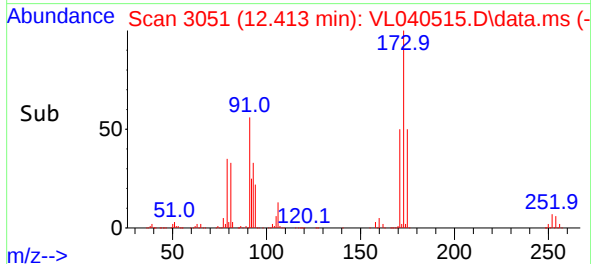
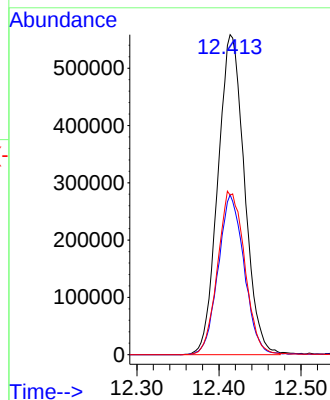
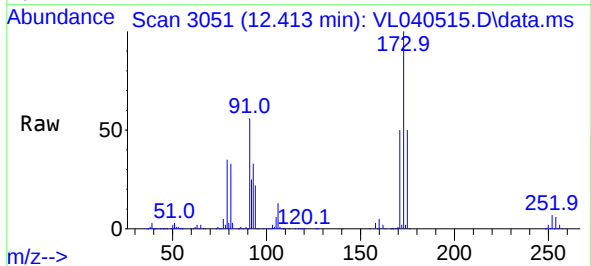




#49
Bromoform
Concen: 12.005 ppbv
RT: 12.413 min Scan# 3053
Delta R.T. -0.010 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

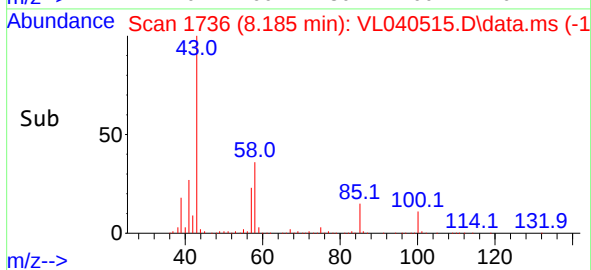
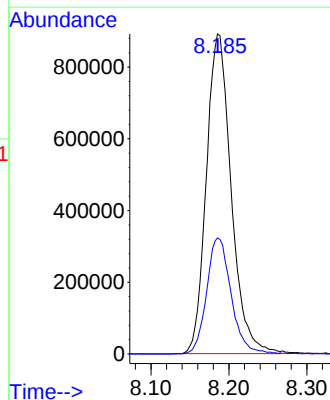
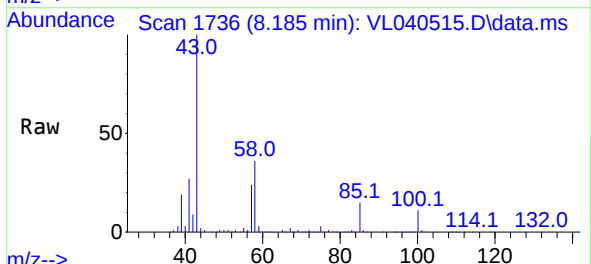
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

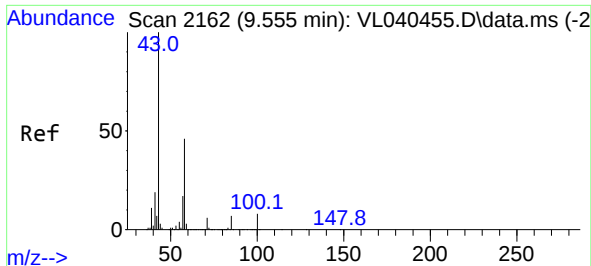
Tgt Ion:173 Resp: 1256076
Ion Ratio Lower Upper
173 100
175 49.1 39.5 59.3
171 52.4 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 11.017 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion: 43 Resp: 1975509
Ion Ratio Lower Upper
43 100
58 35.9 30.2 45.2

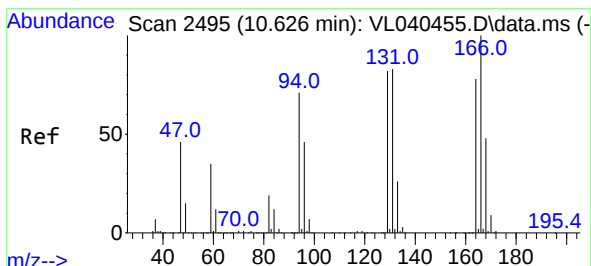
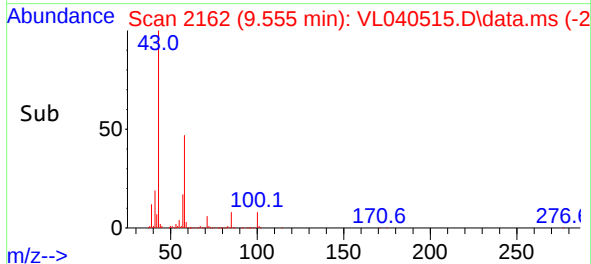
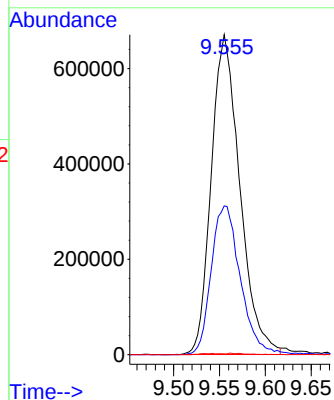
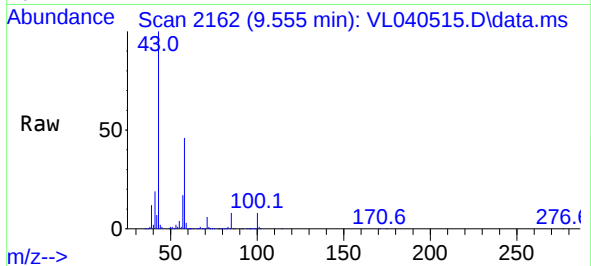




#51
2-Hexanone
Concen: 11.469 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

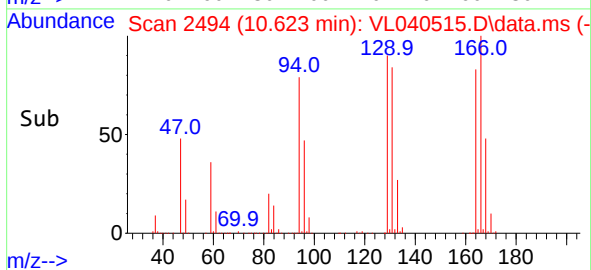
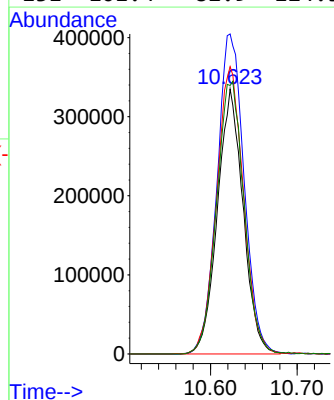
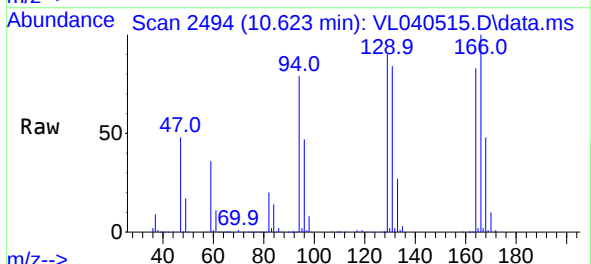
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

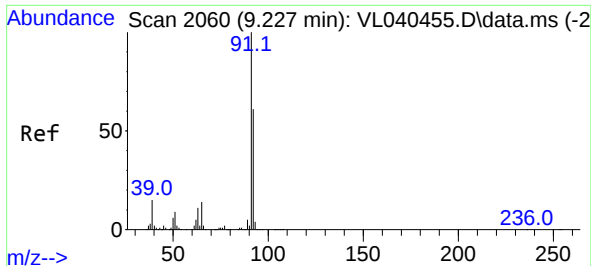
Tgt Ion: 43 Resp: 1454343
Ion Ratio Lower Upper
43 100
58 47.8 39.7 59.5
98 0.6 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.592 ppbv
RT: 10.623 min Scan# 2494
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion:164 Resp: 689321
Ion Ratio Lower Upper
164 100
166 120.7 103.9 155.9
129 108.4 84.6 126.8
131 101.4 82.9 124.3

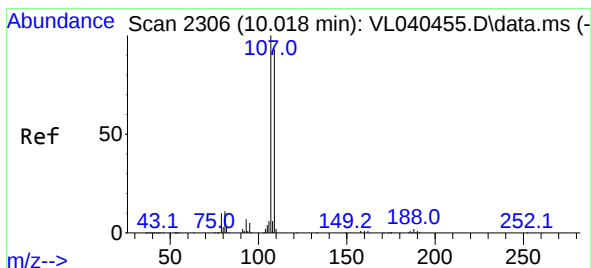
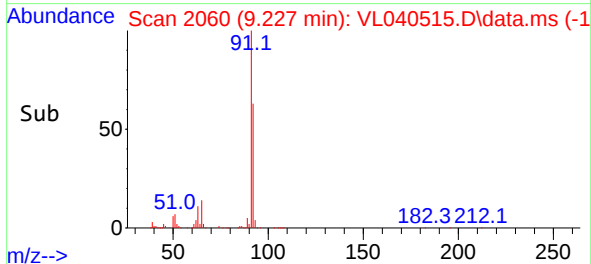
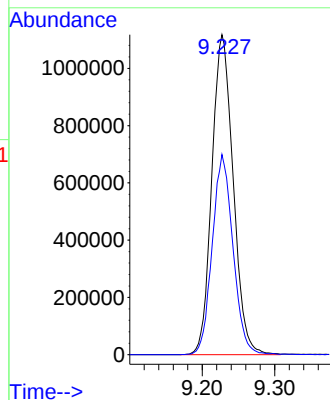
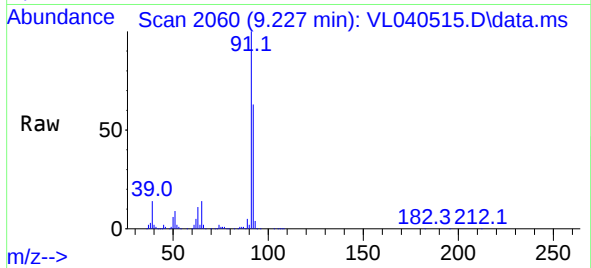




#53
Toluene
Concen: 10.461 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

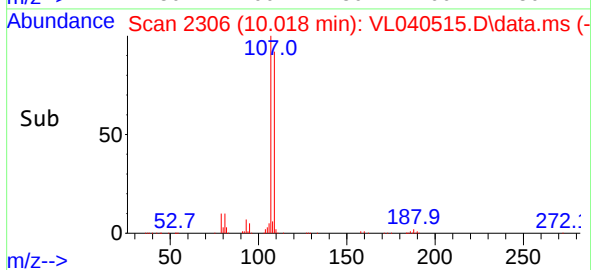
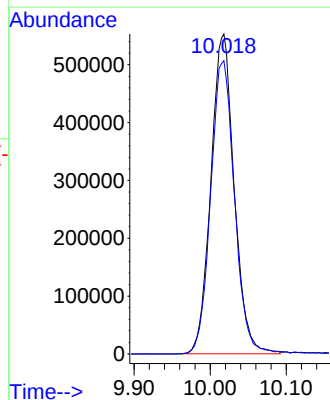
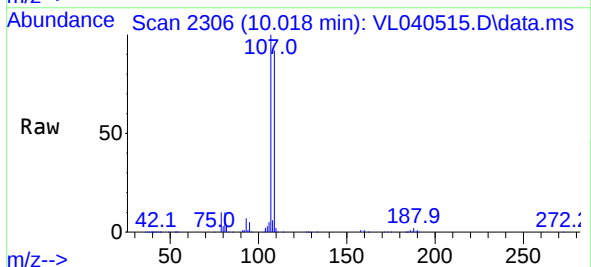
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

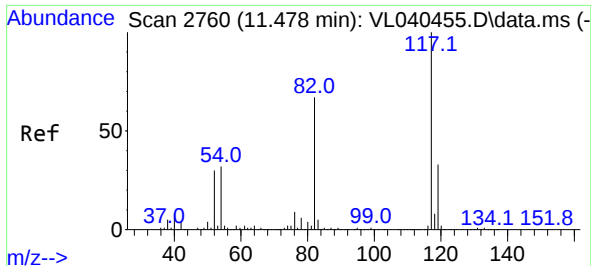
Tgt Ion: 91 Resp: 2283554
Ion Ratio Lower Upper
91 100
92 60.9 49.1 73.7



#54
1,2-Dibromoethane
Concen: 11.101 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion: 107 Resp: 1177822
Ion Ratio Lower Upper
107 100
109 91.6 75.4 113.2

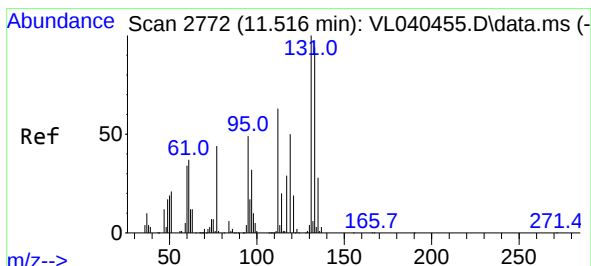
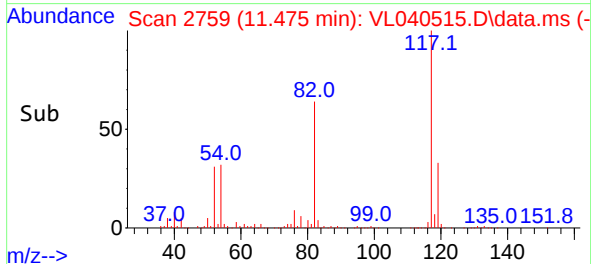
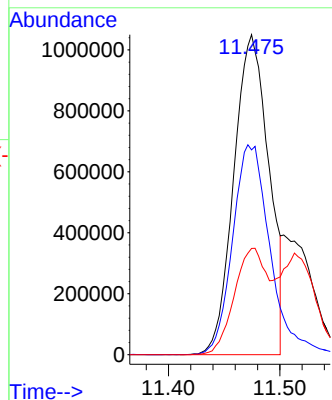
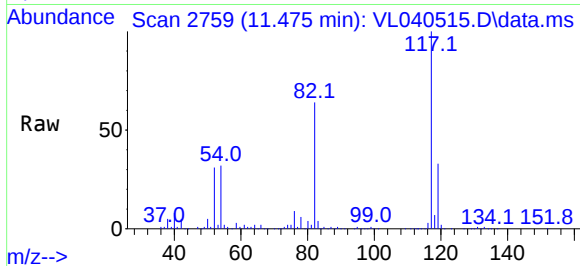




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

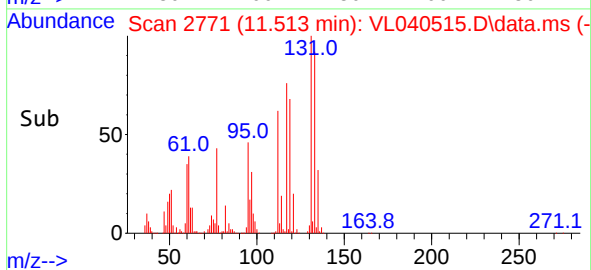
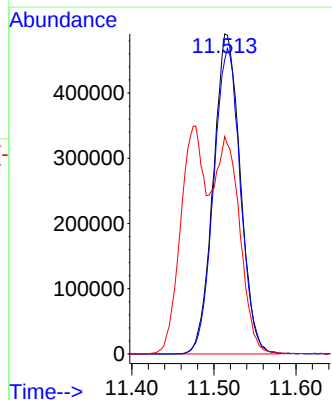
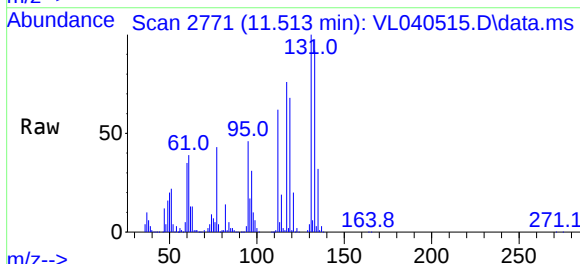
Instrument :
MSVOA_1
ClientSampleId :
VL0710ABS01

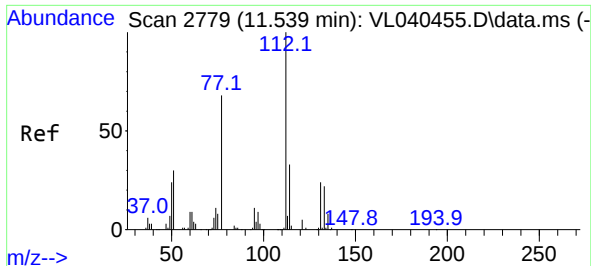
Tgt Ion:117 Resp: 2294662
Ion Ratio Lower Upper
117 100
82 70.7 50.2 75.4
119 34.4 26.9 40.3



#56
1,1,1,2-Tetrachloroethane
Concen: 10.903 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. -0.006 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion:131 Resp: 1120501
Ion Ratio Lower Upper
131 100
133 95.4 76.3 114.5
119 69.7 51.1 76.7

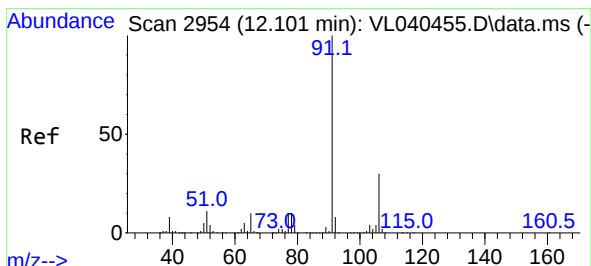
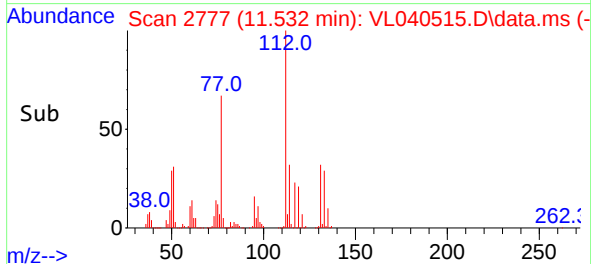
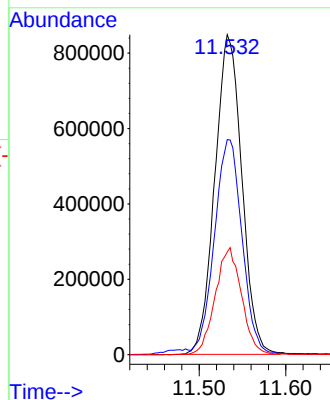
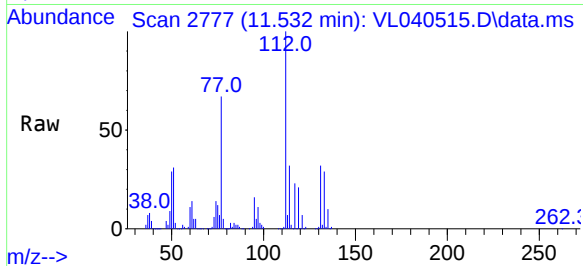




#57
Chlorobenzene
Concen: 10.290 ppbv
RT: 11.532 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

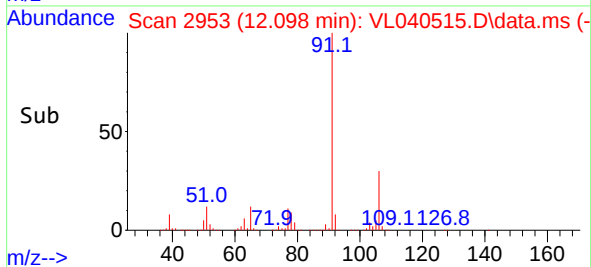
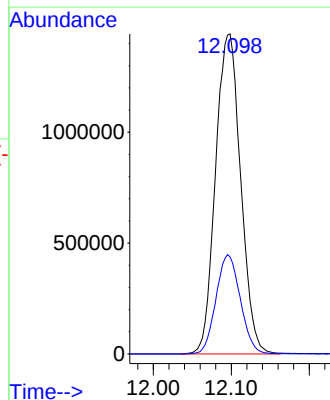
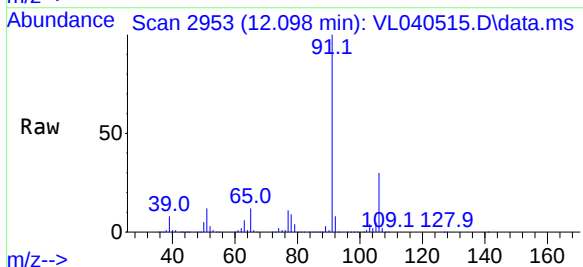
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

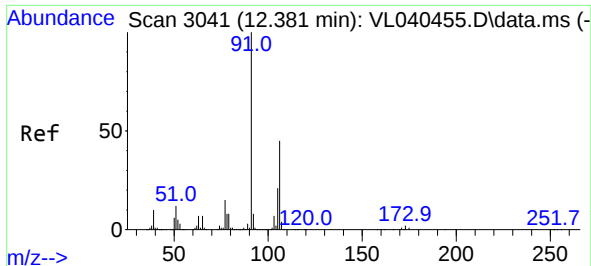
Tgt Ion:112 Resp: 1841467
Ion Ratio Lower Upper
112 100
77 66.8 51.0 76.6
114 32.0 28.3 34.5



#58
Ethyl Benzene
Concen: 11.210 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion: 91 Resp: 3228029
Ion Ratio Lower Upper
91 100
106 30.3 25.4 38.0





#59

m/p-Xylene

Concen: 12.931 ppbv

RT: 12.381 min Scan# 3041

Delta R.T. -0.003 min

Lab File: VL040515.D

Acq: 10 Jul 2023 20:30

Instrument :

MSVOA_L

ClientSampleId :

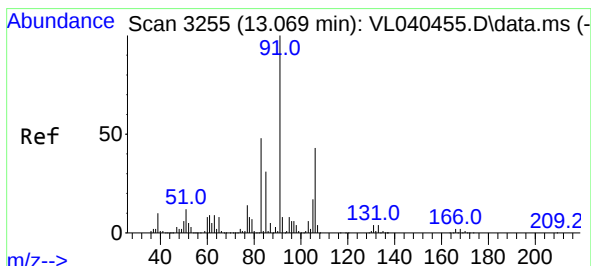
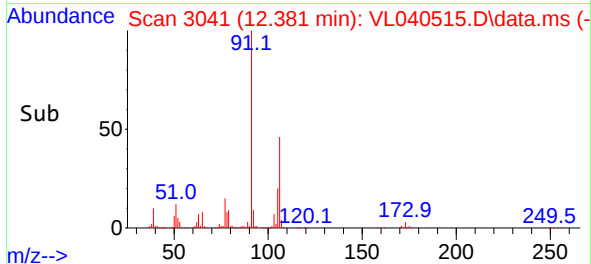
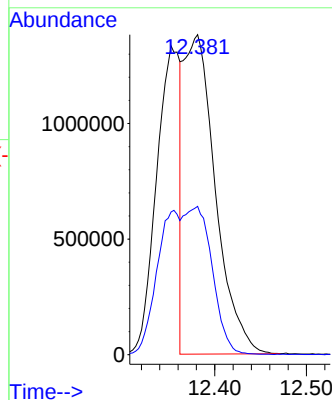
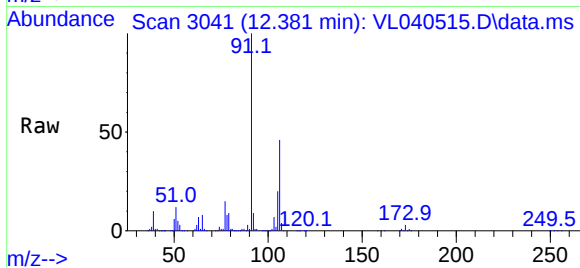
VL0710ABS01

Tgt Ion: 91 Resp: 3323543

Ion Ratio Lower Upper

91 100

106 75.3 35.9 53.9#



#60

o-Xylene

Concen: 11.358 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. -0.003 min

Lab File: VL040515.D

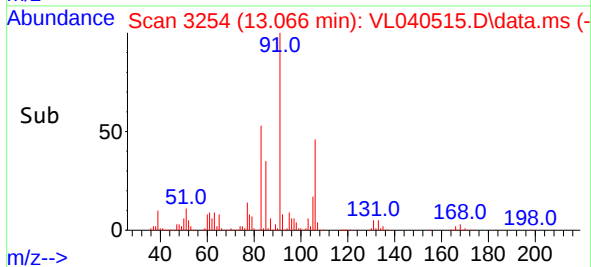
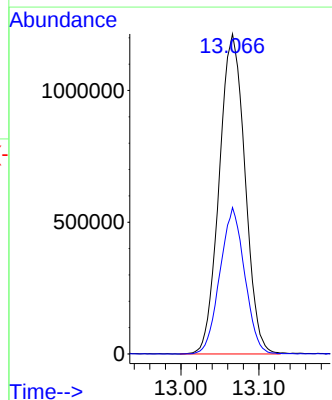
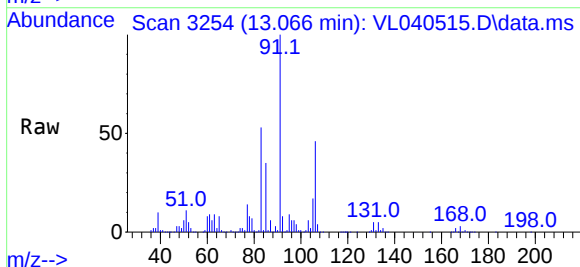
Acq: 10 Jul 2023 20:30

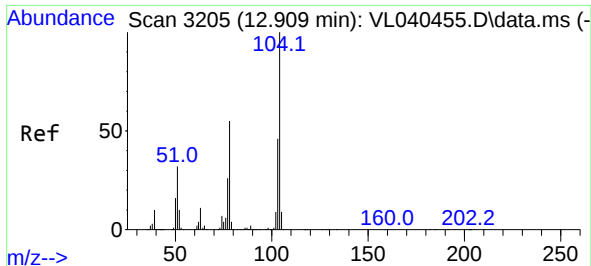
Tgt Ion: 91 Resp: 2781017

Ion Ratio Lower Upper

91 100

106 44.0 22.7 68.0

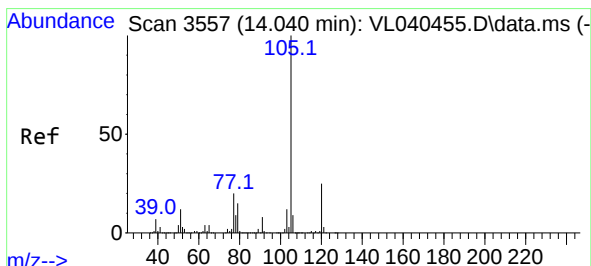
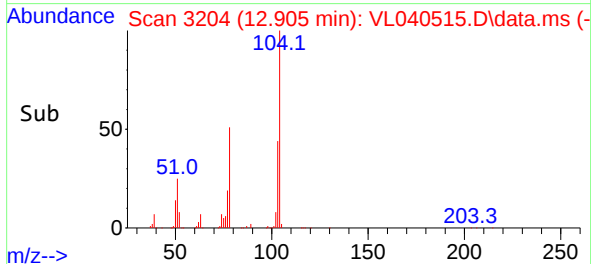
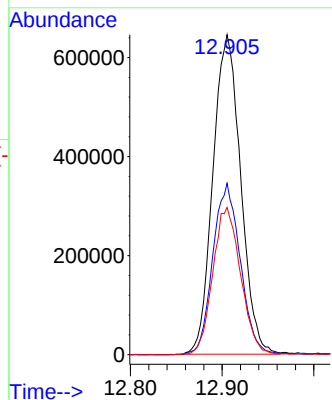
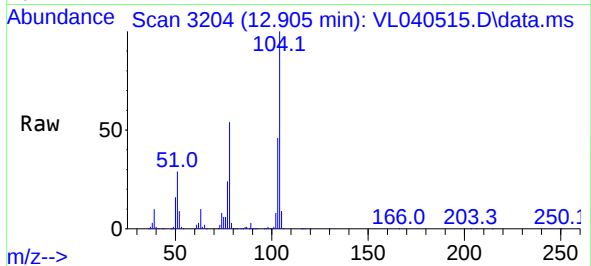




#61
Styrene
Concen: 12.022 ppbv
RT: 12.905 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

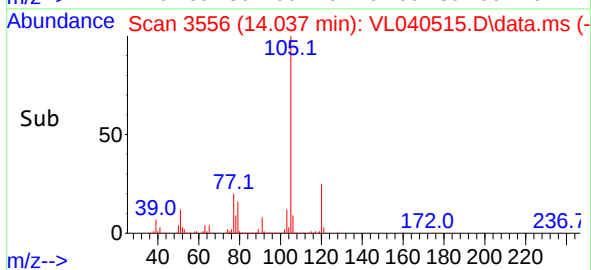
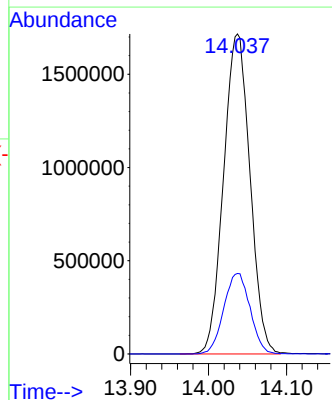
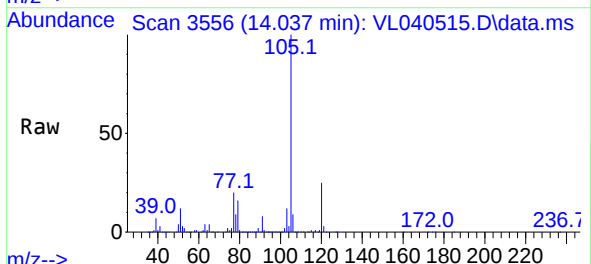
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

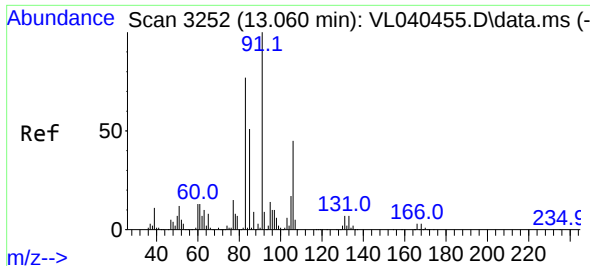
Tgt Ion:104 Resp: 1357747
Ion Ratio Lower Upper
104 100
78 53.3 40.1 60.1
103 46.2 37.0 55.4



#62
Isopropylbenzene
Concen: 11.022 ppbv
RT: 14.037 min Scan# 3556
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion:105 Resp: 4044875
Ion Ratio Lower Upper
105 100
120 25.1 20.8 31.2

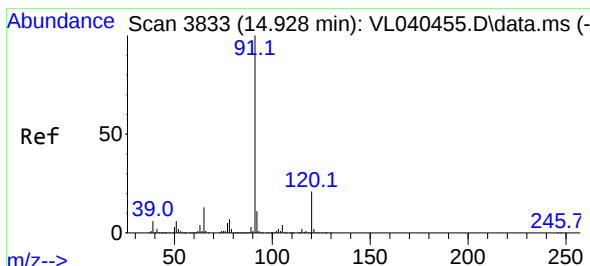
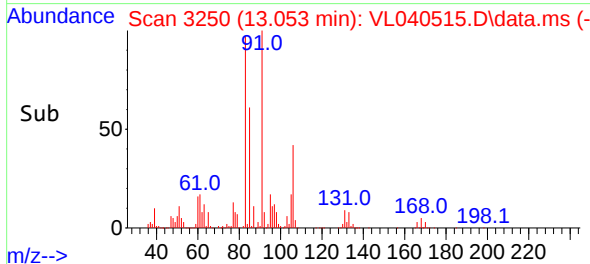
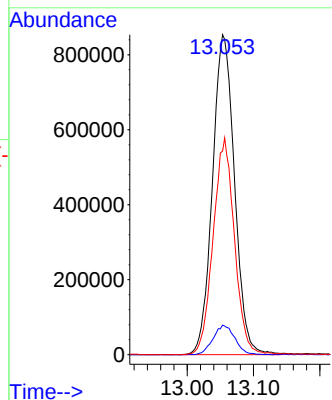
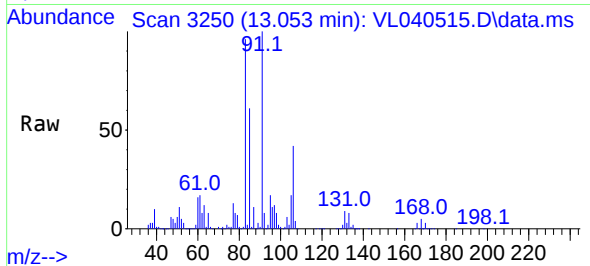




#63
1,1,2,2-Tetrachloroethane
Concen: 11.505 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

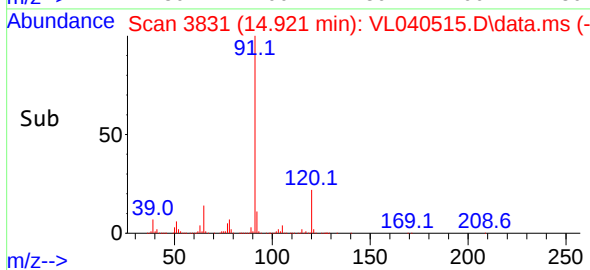
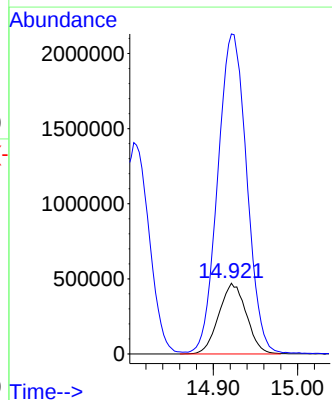
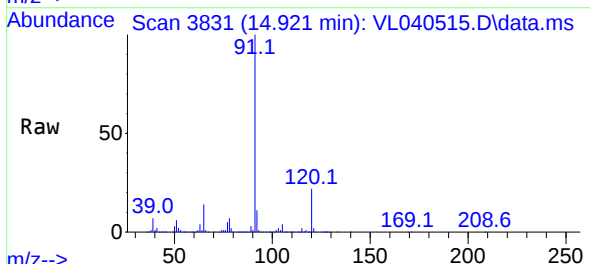
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

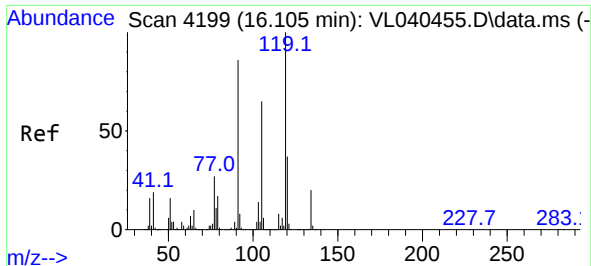
Tgt Ion: 83 Resp: 1972778
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 65.7 32.8 98.3



#64
n-propylbenzene
Concen: 11.242 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.010 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion:120 Resp: 1067373
Ion Ratio Lower Upper
120 100
91 478.5 374.3 561.5

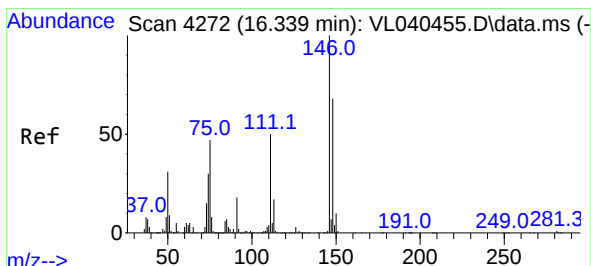
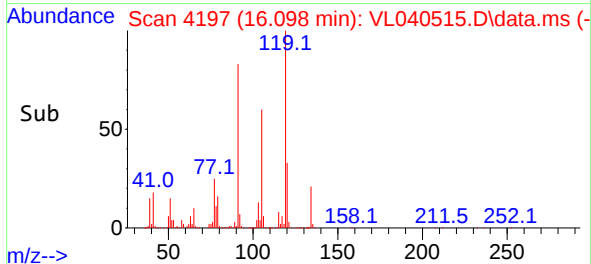
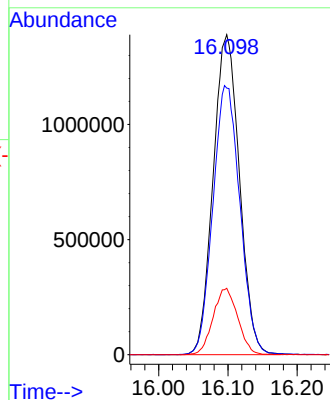
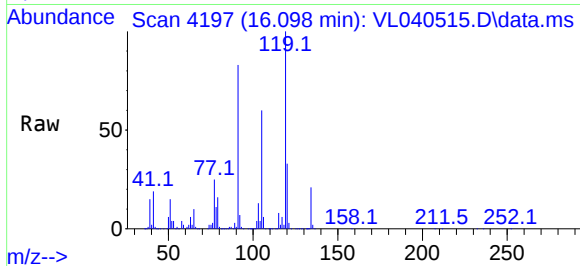




#65
tert-Butylbenzene
Concen: 11.279 ppbv
RT: 16.098 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

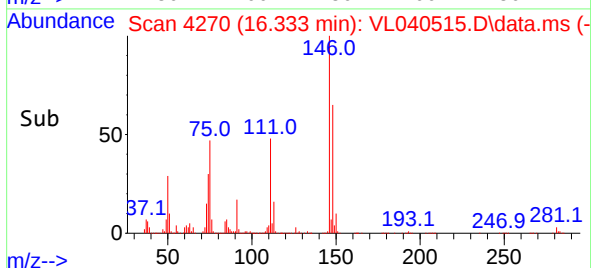
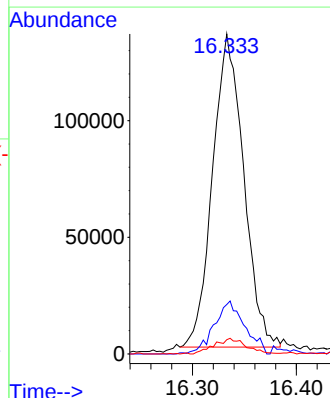
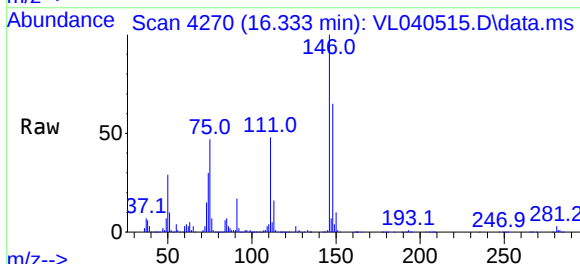
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

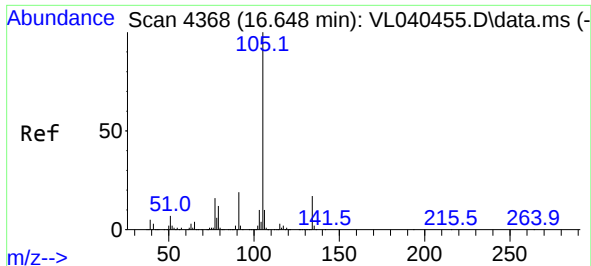
Tgt Ion:119 Resp: 3664392
Ion Ratio Lower Upper
119 100
91 86.5 66.1 99.1
134 19.4 15.7 23.5



#66
Benzyl Chloride
Concen: 12.115 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion: 91 Resp: 278437
Ion Ratio Lower Upper
91 100
126 17.4 15.4 23.2
128 5.4 4.5 6.7

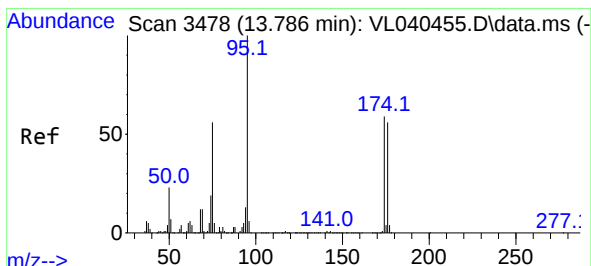
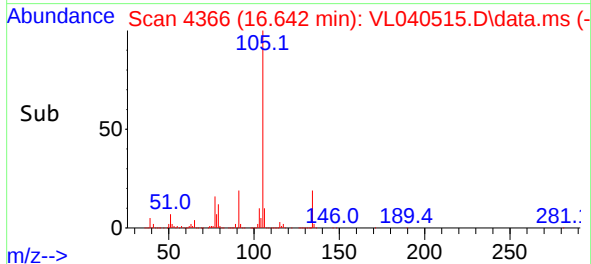
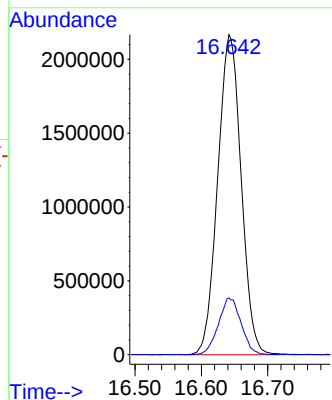
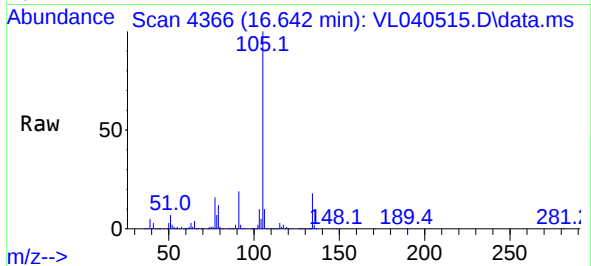




#67
 sec-Butylbenzene
 Concen: 11.126 ppbv
 RT: 16.642 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040515.D
 Acq: 10 Jul 2023 20:30

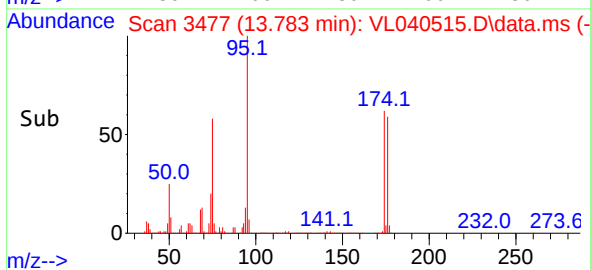
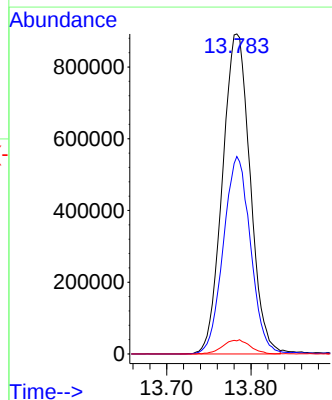
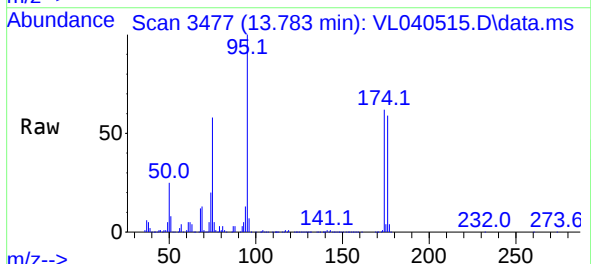
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0710ABS01

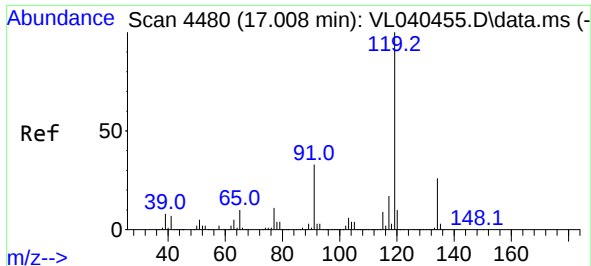
Tgt Ion:105 Resp: 5311181
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.180 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL040515.D
 Acq: 10 Jul 2023 20:30

Tgt Ion: 95 Resp: 2030358
 Ion Ratio Lower Upper
 95 100
 174 61.2 50.6 75.8
 175 4.4 3.7 5.5

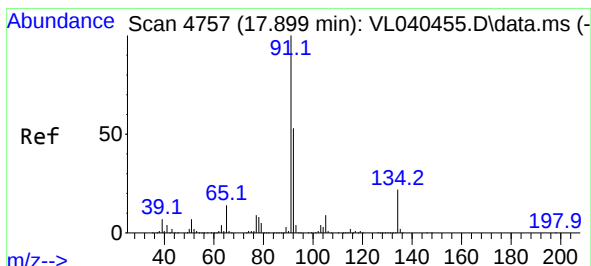
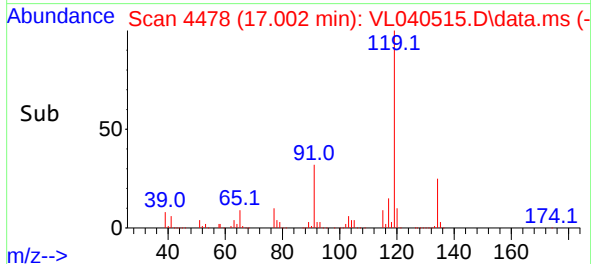
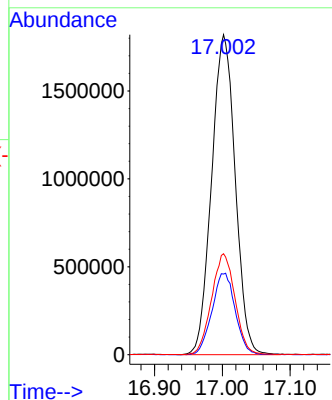
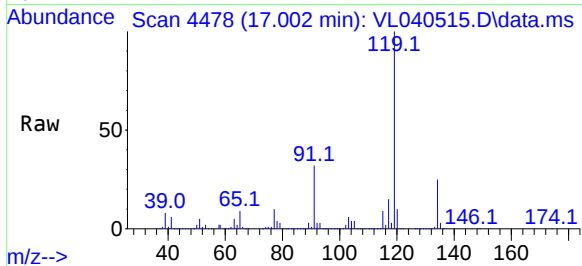




#69
p-Isopropyltoluene
Concen: 11.164 ppbv
RT: 17.002 min Scan# 44
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

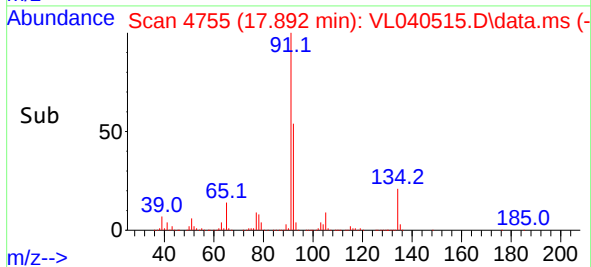
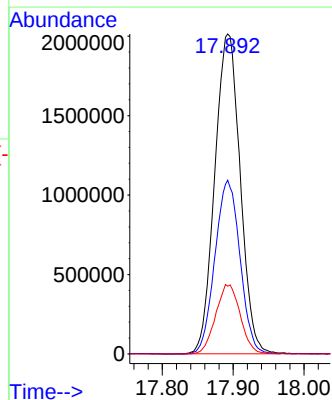
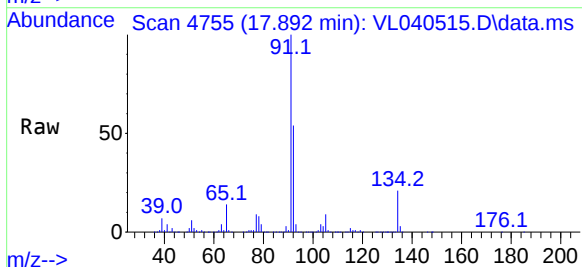
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

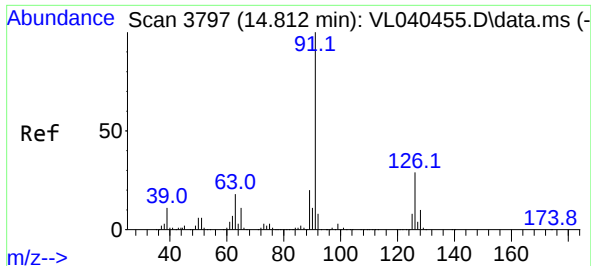
Tgt Ion:119 Resp: 4404047
Ion Ratio Lower Upper
119 100
134 25.1 20.5 30.7
91 31.4 23.8 35.8



#70
n-Butylbenzene
Concen: 11.417 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion: 91 Resp: 5022528
Ion Ratio Lower Upper
91 100
92 53.6 43.4 65.0
134 21.1 18.1 27.1

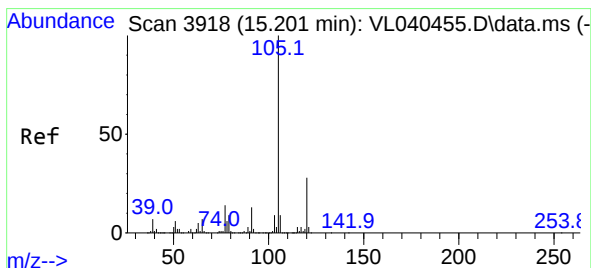
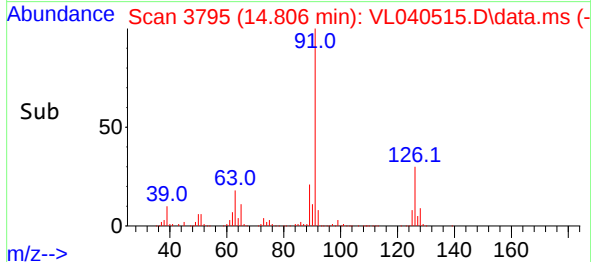
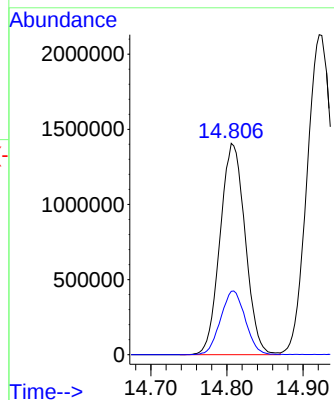
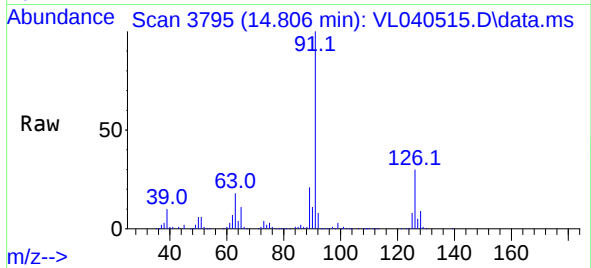




#71
2-Chlorotoluene
Concen: 11.411 ppbv
RT: 14.806 min Scan# 3797
Delta R.T. -0.006 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

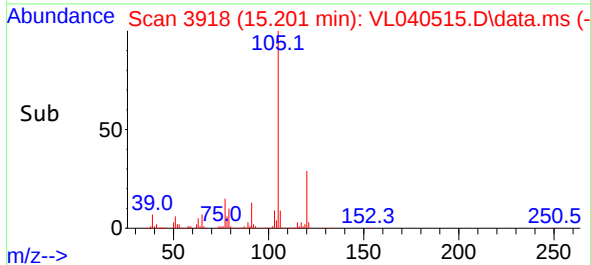
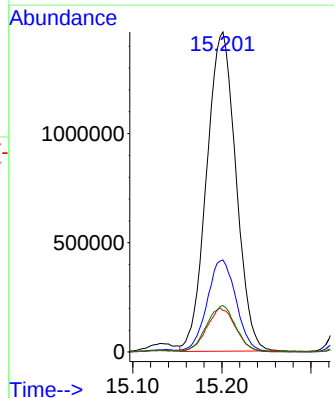
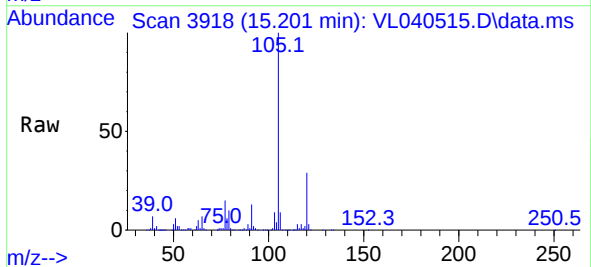
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

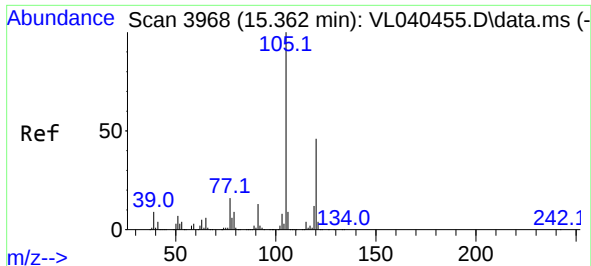
Tgt Ion: 91 Resp: 3227169
Ion Ratio Lower Upper
91 100
126 29.8 12.4 49.8



#72
4-Ethyltoluene
Concen: 11.624 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion:105 Resp: 3336113
Ion Ratio Lower Upper
105 100
120 29.5 24.6 37.0
91 14.2 10.7 16.1
77 15.1 11.0 16.6

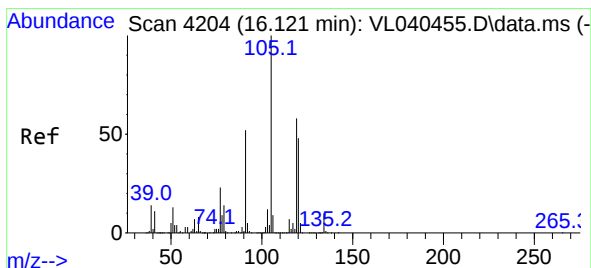
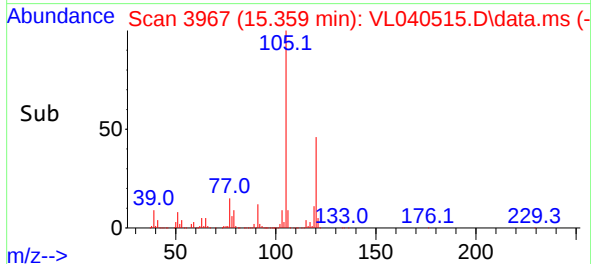
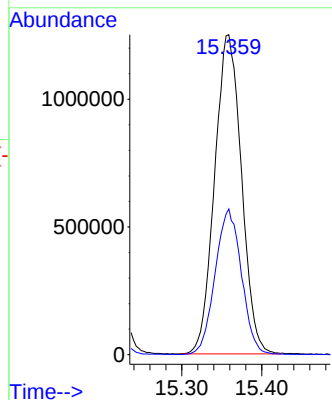
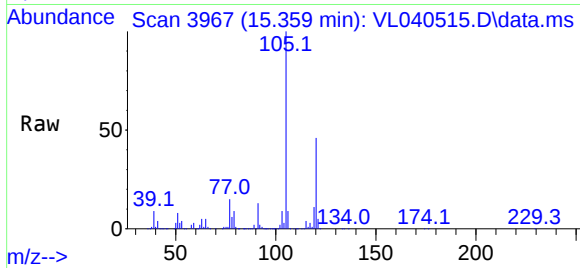




#73
1,3,5-Trimethylbenzene
Concen: 11.506 ppbv
RT: 15.359 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

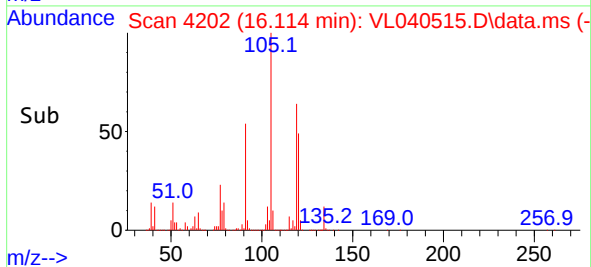
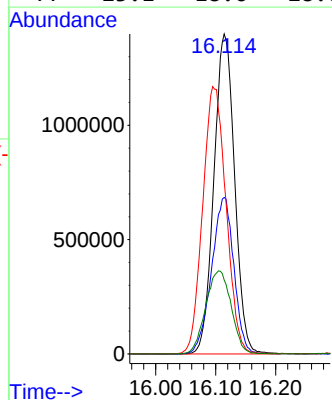
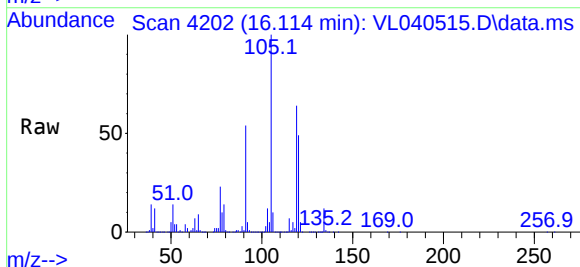
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

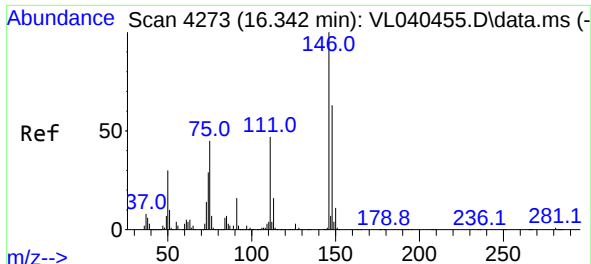
Tgt Ion:105 Resp: 2910780
Ion Ratio Lower Upper
105 100
120 45.6 38.2 57.2



#74
1,2,4-Trimethylbenzene
Concen: 11.376 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion:105 Resp: 3355508
Ion Ratio Lower Upper
105 100
120 48.9 40.3 60.5
91 53.9 46.8 70.2
77 23.1 18.6 28.0

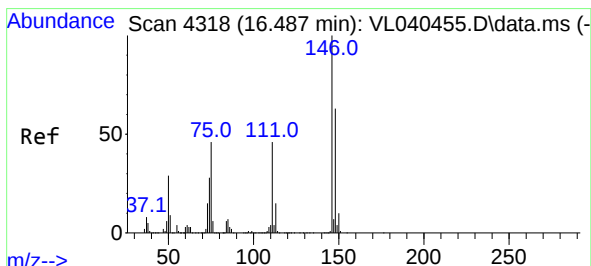
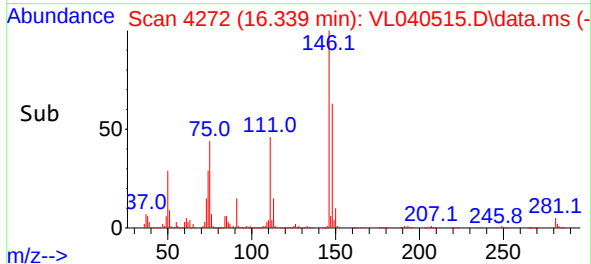
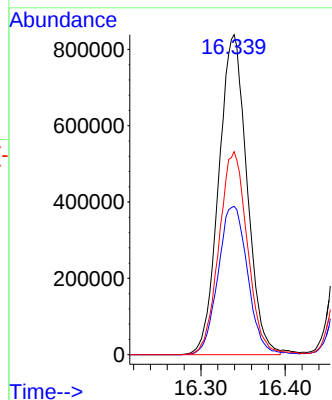
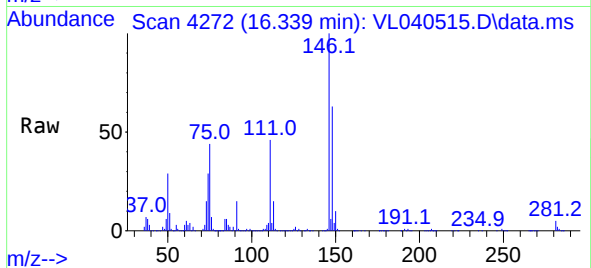




#75
1,3-Dichlorobenzene
Concen: 10.878 ppbv
RT: 16.339 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

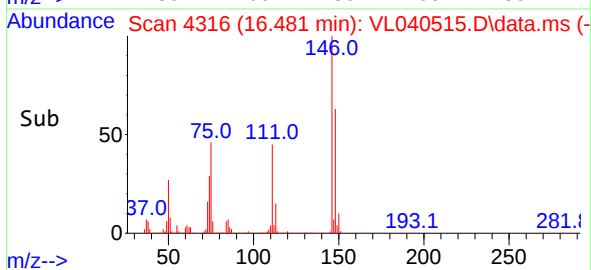
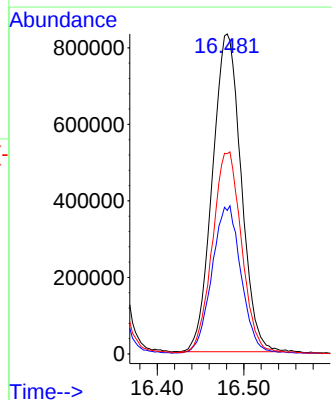
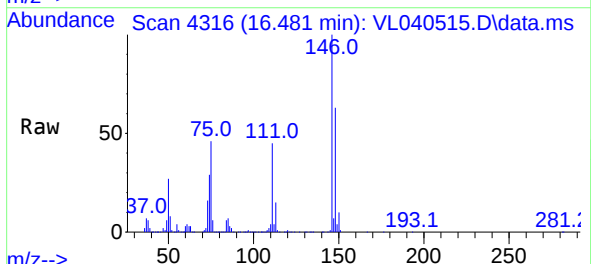
Instrument :
MSVOA_1
ClientSampleId :
VL0710ABS01

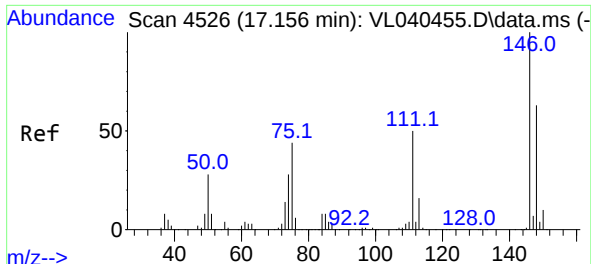
Tgt Ion:146 Resp: 1945281
Ion Ratio Lower Upper
146 100
111 48.7 23.6 71.0
148 64.5 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 10.889 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. -0.006 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion:146 Resp: 1909387
Ion Ratio Lower Upper
146 100
111 47.9 22.8 68.3
148 65.4 32.6 97.8

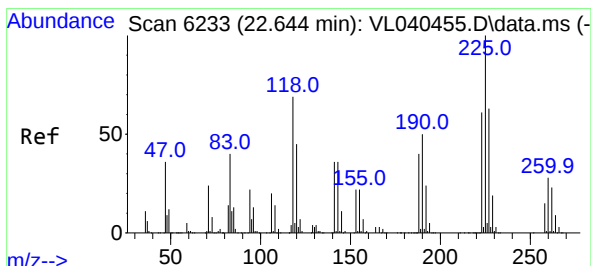
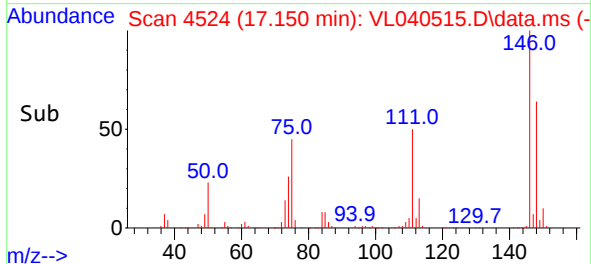
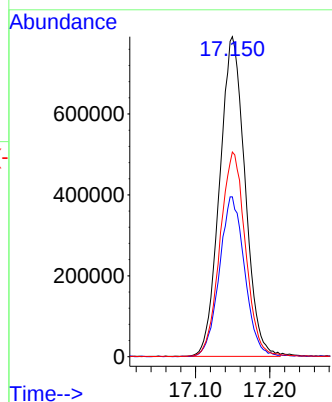
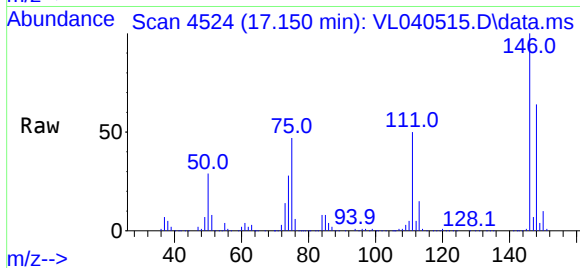




#77
1,2-Dichlorobenzene
Concen: 10.978 ppbv
RT: 17.150 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

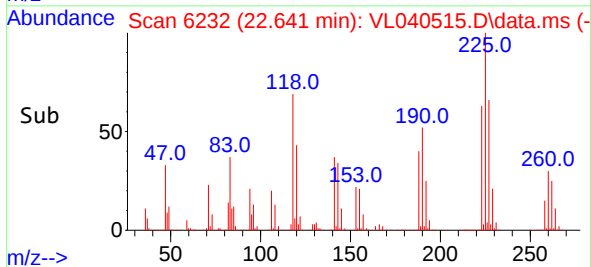
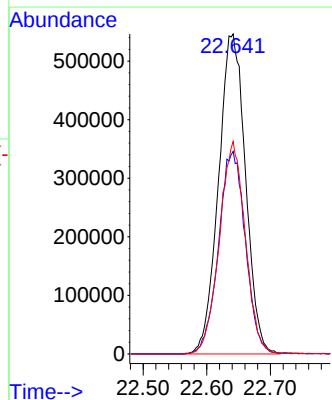
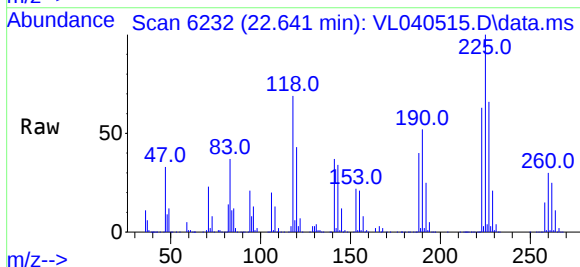
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

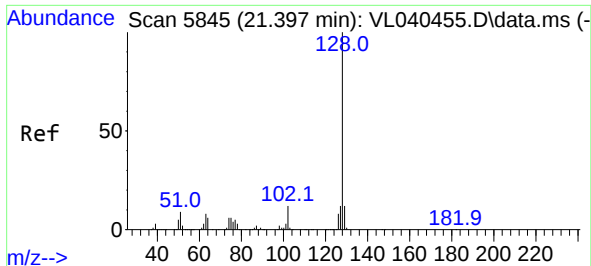
Tgt Ion:146 Resp: 1877311
Ion Ratio Lower Upper
146 100
111 50.0 24.3 72.8
148 64.5 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 10.026 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. -0.006 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Tgt Ion:225 Resp: 1610043
Ion Ratio Lower Upper
225 100
223 63.1 50.3 75.5
227 63.7 51.0 76.6

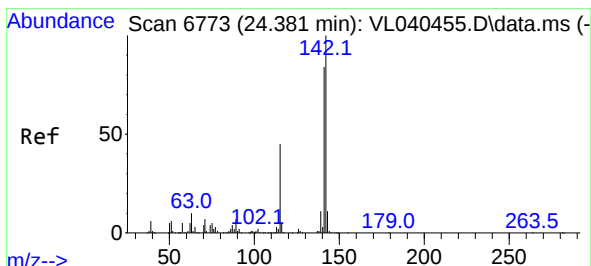
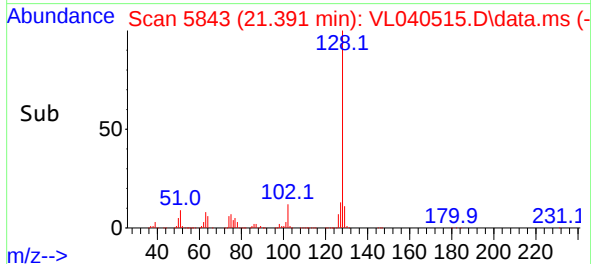
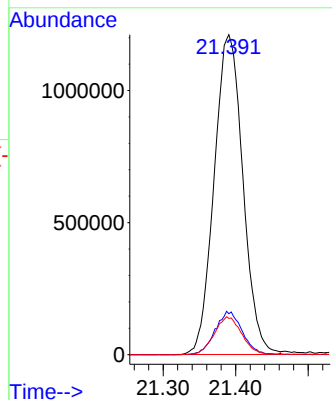
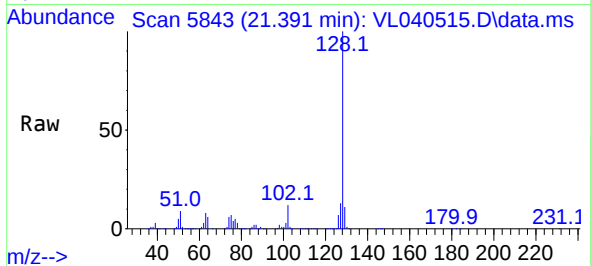




#79
Naphthalene
Concen: 13.346 ppbv
RT: 21.391 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

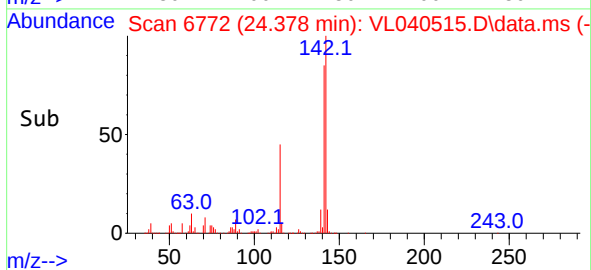
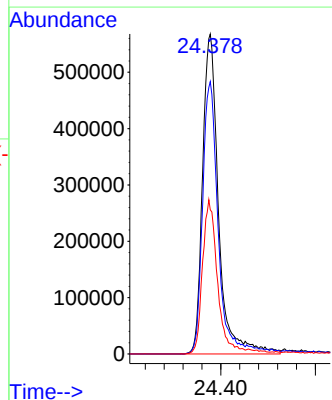
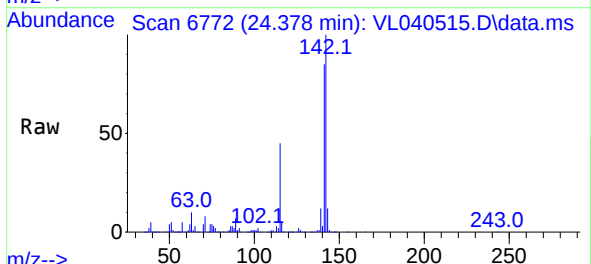
Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01

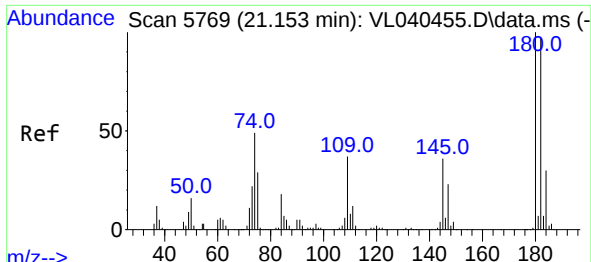
Tgt Ion:128 Resp: 3330659
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 11.3 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 12.975 ppbv
RT: 24.378 min Scan# 6772
Delta R.T. 0.000 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

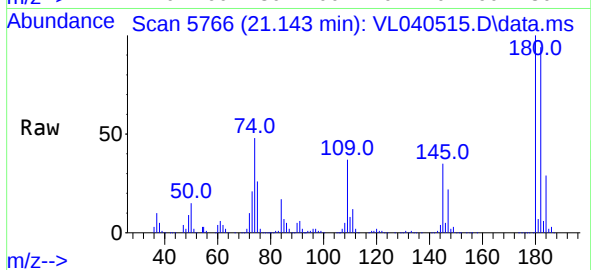
Tgt Ion:142 Resp: 1335205
Ion Ratio Lower Upper
142 100
141 84.0 66.7 100.1
115 46.1 33.0 49.6





#81
1,2,4-Trichlorobenzene
Concen: 11.505 ppbv
RT: 21.143 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL040515.D
Acq: 10 Jul 2023 20:30

Instrument :
MSVOA_L
ClientSampleId :
VL0710ABS01



Tgt Ion:180 Resp: 1978714
Ion Ratio Lower Upper
180 100
182 96.0 77.5 116.3
184 30.4 24.5 36.7

