

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021323\
 Data File : VL040160.D
 Acq On : 13 Feb 2023 14:33
 Operator : SY/MD
 Sample : VL0213ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0213ABS01

Quant Time: Feb 14 01:45:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 14 01:41:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	915953	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2324596	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.500	117	2305573	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	1756378	9.166	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.729	85	1278656	7.962	ppbv	100
3) Chlorodifluoromethane	2.674	51	1080046	9.831	ppbv	99
4) Chloromethane	2.812	50	674388	9.932	ppbv	100
5) Vinyl Chloride	2.922	62	592093	10.285	ppbv	100
6) Bromomethane	3.121	94	205954	9.805	ppbv	95
7) Chloroethane	3.201	64	220912	10.040	ppbv	97
8) Dichlorotetrafluoroethane	2.857	85	1474246	9.833	ppbv	99
9) Propene	2.693	41	444486	9.738	ppbv	98
10) Heptane	7.603	43	1120130	10.647	ppbv	99
11) Trichlorofluoromethane	3.568	101	1509389	9.418	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.076	101	1155127	9.587	ppbv	100
13) Ethanol	3.253	45	27228	6.481	ppbv	86
14) Bromoethene	3.372	108	454632	10.164	ppbv	98
15) Acetone	3.472	43	1025284	9.333	ppbv	98
16) 1,3-Butadiene	2.986	39	534230	10.431	ppbv	97
17) tert-Butyl alcohol	3.883	59	1107840	10.830	ppbv	99
18) 1,1-Dichloroethene	3.890	96	505884	9.663	ppbv	98
19) Isopropyl Alcohol	3.578	45	509357	9.477	ppbv	99
20) Methylene Chloride	3.941	84	431884	8.911	ppbv	96
21) Allyl Chloride	4.005	41	718169	10.182	ppbv	98
22) trans-1,2-Dichloroethene	4.455	96	532410	9.953	ppbv	95
23) Vinyl Acetate	4.639	43	335598	9.424	ppbv #	97
24) 1,1-Dichloroethane	4.574	63	1062263	9.851	ppbv	98
25) Ethyl Acetate	5.218	43	2064266	10.667	ppbv	100
26) Hexane	5.227	57	881339	10.406	ppbv	98
27) Carbon Disulfide	4.134	76	1228700	11.198	ppbv	99
28) Methyl tert-Butyl Ether	4.597	73	963051	10.108	ppbv	99
29) Chloroform	5.288	83	1505503	11.118	ppbv	99
30) Cyclohexane	6.623	84	730127	10.844	ppbv	98
31) cis-1,2-Dichloroethene	5.092	61	903327	11.017	ppbv	98
32) 1,1,1-Trichloroethane	6.021	97	1501541	10.910	ppbv	100
34) 2-Butanone	4.796	43	1149803	10.457	ppbv	99
35) Carbon Tetrachloride	6.513	117	1556844	11.845	ppbv	98
36) Benzene	6.388	78	1855474	10.786	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1162884	10.517	ppbv	100
38) Trichloroethene	7.314	130	1107694	11.346	ppbv	99
39) 1,2-Dichloropropane	7.095	63	711958	10.581	ppbv	99
40) 1,4-Dioxane	7.311	88	270954	10.147	ppbv	86
41) Tetrahydrofuran	5.574	42	706229	11.128	ppbv	100
42) Bromodichloromethane	7.272	83	1643307	11.006	ppbv	99
43) Methyl Methacrylate	7.497	69	735676	11.654	ppbv	99
44) 2,2,4-Trimethylpentane	7.349	57	3078396	10.761	ppbv	99
45) t-1,3-Dichloropropene	8.735	75	703954	12.505	ppbv	100

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 Sample : VL0213ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
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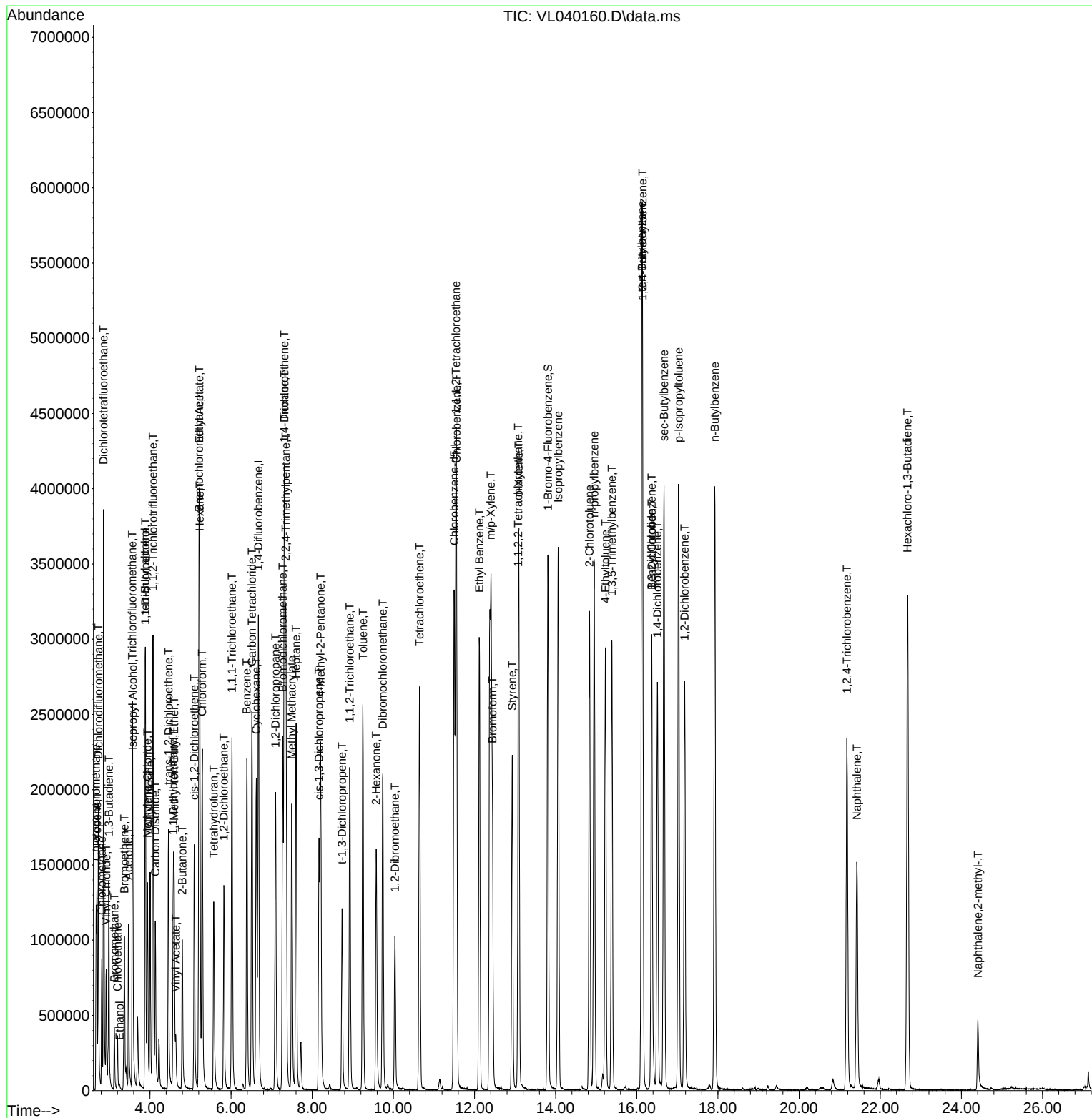
Quant Time: Feb 14 01:45:26 2023
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 14 01:41:11 2023
 Response via : Initial Calibration

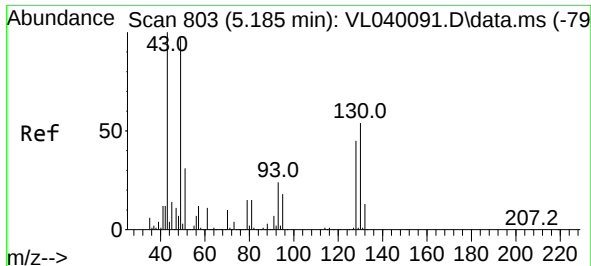
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.166	75	961913	12.505	ppbv	97
47) 1,1,2-Trichloroethane	8.925	97	743107	10.489	ppbv	97
48) Dibromochloromethane	9.741	129	1276414	11.210	ppbv	99
49) Bromoform	12.442	173	963985	10.990	ppbv	99
50) 4-Methyl-2-Pentanone	8.205	43	1887742	10.915	ppbv	100
51) 2-Hexanone	9.577	43	1453169	11.090	ppbv	99
52) Tetrachloroethene	10.645	164	603531	10.724	ppbv	97
53) Toluene	9.249	91	2079417	11.333	ppbv	100
54) 1,2-Dibromoethane	10.037	107	839675	11.321	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.542	131	911380	10.157	ppbv	99
57) Chlorobenzene	11.558	112	1549551	9.860	ppbv	99
58) Ethyl Benzene	12.118	91	2783231	10.817	ppbv	100
59) m/p-Xylene	12.400	91	2711891	11.723	ppbv #	48
60) o-Xylene	13.092	91	2282836	10.396	ppbv	100
61) Styrene	12.931	104	1298207	11.346	ppbv	99
62) Isopropylbenzene	14.063	105	3172229	10.044	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.079	83	741366	9.298	ppbv	99
64) n-propylbenzene	14.950	120	810872	10.328	ppbv	99
65) tert-Butylbenzene	16.127	119	2829034	10.462	ppbv	99
66) Benzyl Chloride	16.365	91	101728	5.505	ppbv #	67
67) sec-Butylbenzene	16.670	105	4041756	10.543	ppbv	99
69) p-Isopropyltoluene	17.031	119	3247401	10.780	ppbv	100
70) n-Butylbenzene	17.921	91	3547749	10.921	ppbv	100
71) 2-Chlorotoluene	14.834	91	2480277	10.211	ppbv	100
72) 4-Ethyltoluene	15.227	105	2568745	10.542	ppbv	100
73) 1,3,5-Trimethylbenzene	15.384	105	2301412	10.490	ppbv	99
74) 1,2,4-Trimethylbenzene	16.143	105	2527772	10.401	ppbv	97
75) 1,3-Dichlorobenzene	16.365	146	1397107	10.351	ppbv	99
76) 1,4-Dichlorobenzene	16.506	146	1369811	10.322	ppbv	99
77) 1,2-Dichlorobenzene	17.175	146	1376800	10.666	ppbv	99
78) Hexachloro-1,3-Butadiene	22.673	225	916611	9.695	ppbv	98
79) Naphthalene	21.426	128	1877540	13.486	ppbv	99
80) Naphthalene,2-methyl-	24.410	142	338203	7.209	ppbv	97
81) 1,2,4-Trichlorobenzene	21.178	180	983974	11.467	ppbv	100

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

Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
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QLast Update : Tue Feb 14 01:41:11 2023
Response via : Initial Calibration

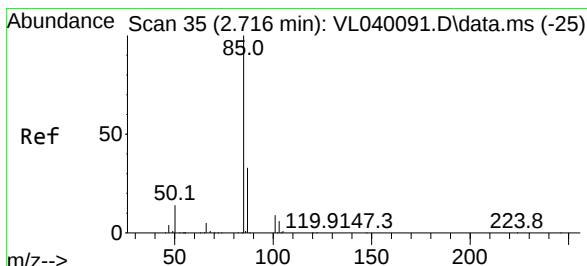
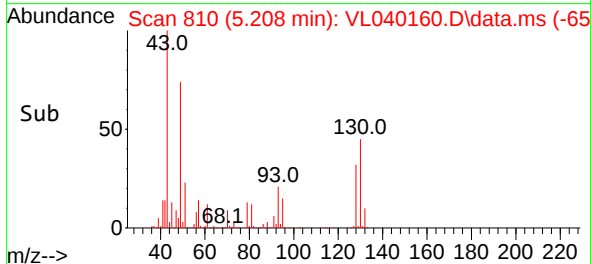
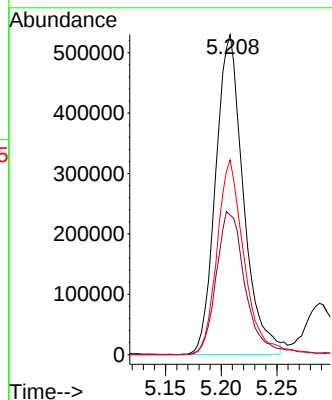
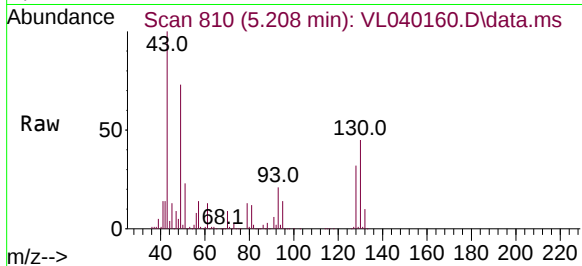




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

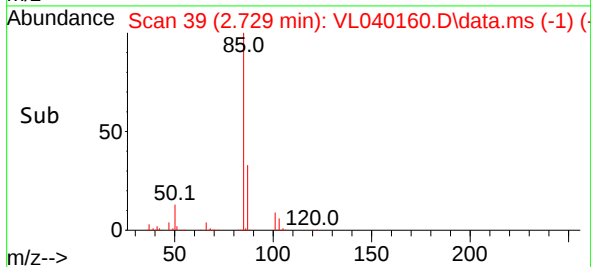
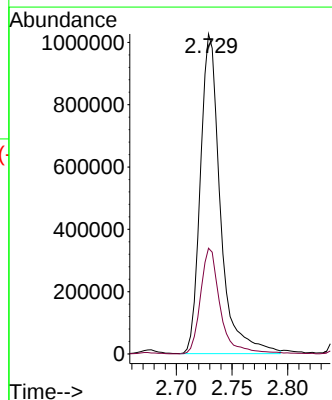
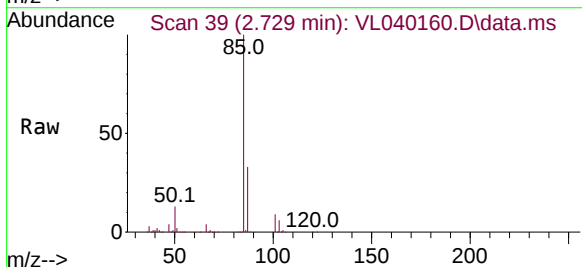
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

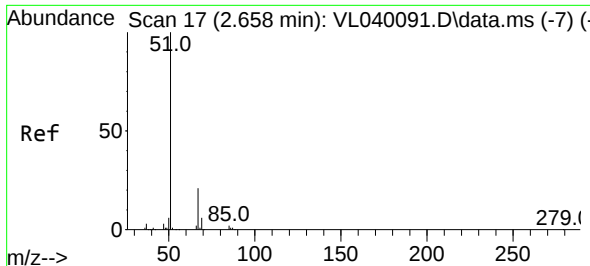
Tgt Ion: 49 Resp: 915953
Ion Ratio Lower Upper
49 100
128 48.0 23.6 71.0
130 61.1 29.8 89.3



#2
Dichlorodifluoromethane
Concen: 7.962 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 85 Resp: 1278656
Ion Ratio Lower Upper
85 100
87 33.0 26.5 39.7

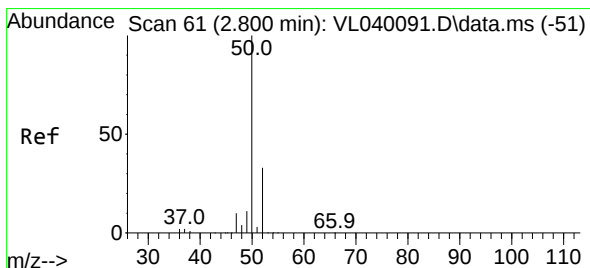
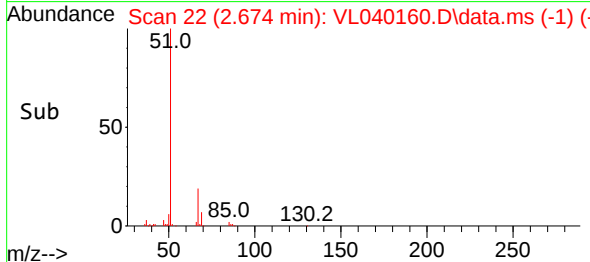
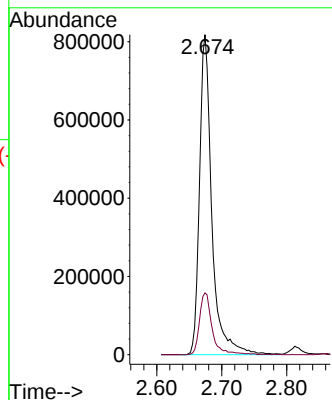
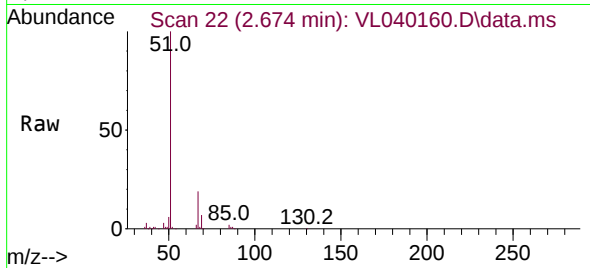




#3
Chlorodifluoromethane
Concen: 9.831 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

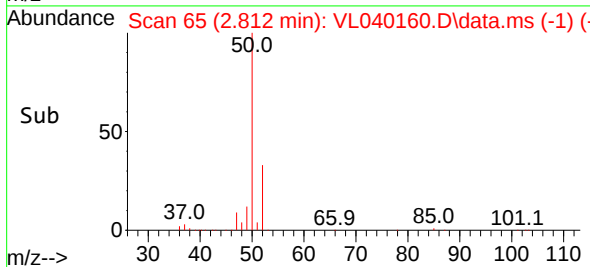
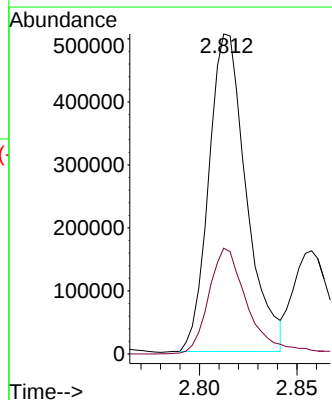
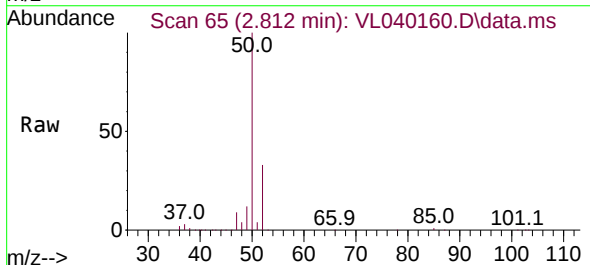
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

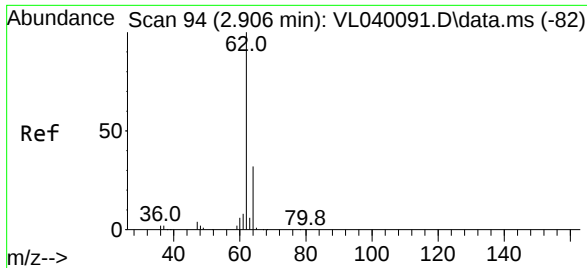
Tgt Ion: 51 Resp: 1080046
Ion Ratio Lower Upper
51 100
67 19.9 16.4 24.6



#4
Chloromethane
Concen: 9.932 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 50 Resp: 674388
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

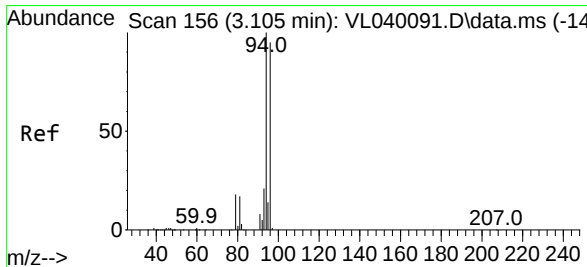
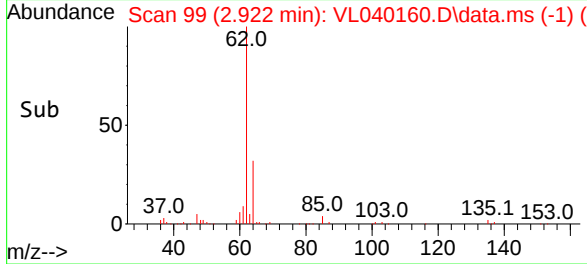
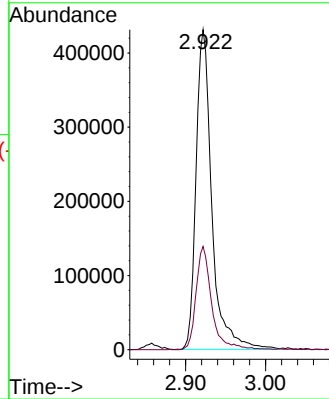
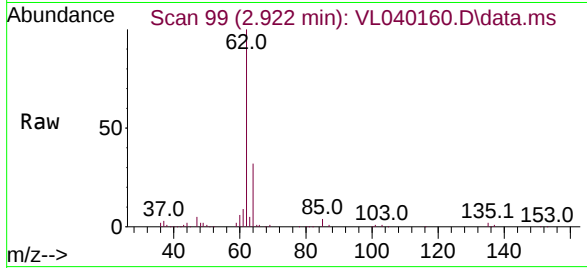




#5
 Vinyl Chloride
 Concen: 10.285 ppbv
 RT: 2.922 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

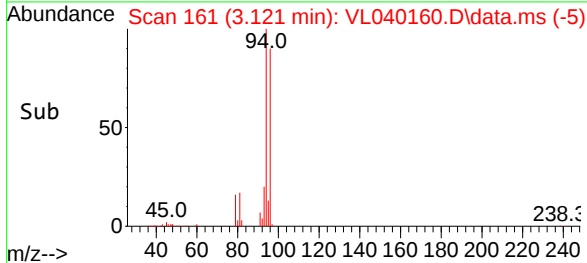
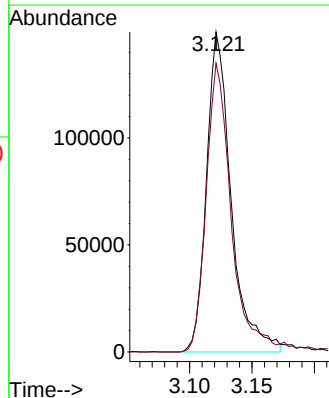
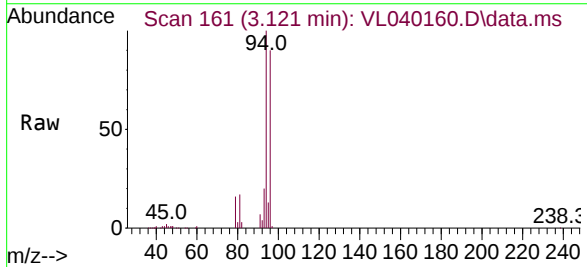
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0213ABS01

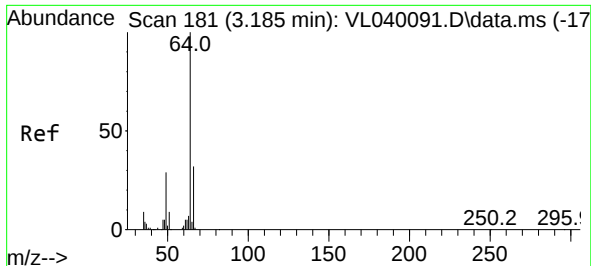
Tgt Ion: 62 Resp: 592093
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.8 38.6



#6
 Bromomethane
 Concen: 9.805 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

Tgt Ion: 94 Resp: 205954
 Ion Ratio Lower Upper
 94 100
 96 90.2 76.2 114.2

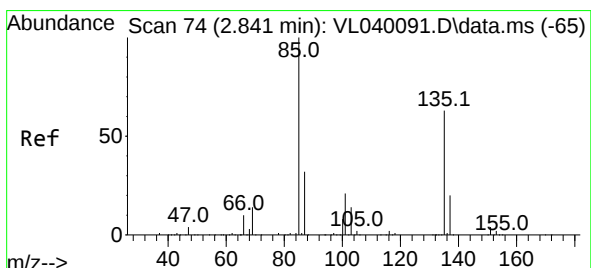
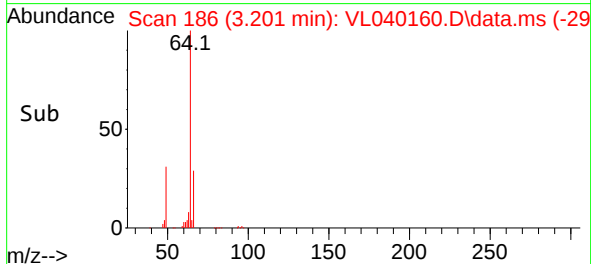
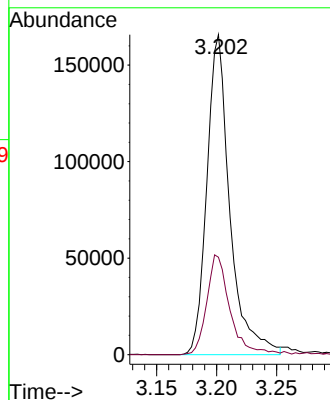
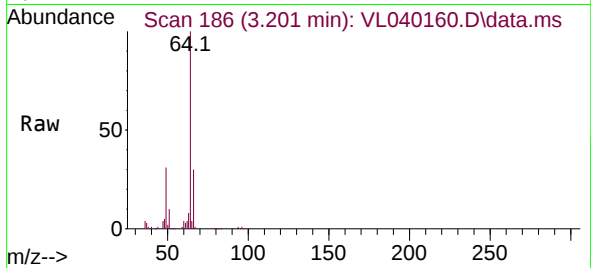




#7
Chloroethane
Concen: 10.040 ppbv
RT: 3.201 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

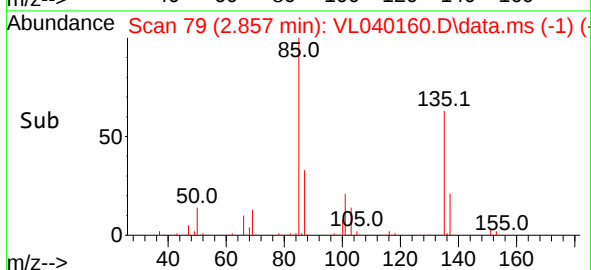
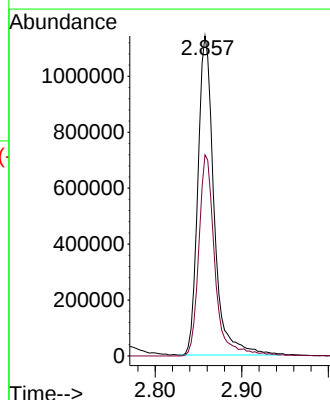
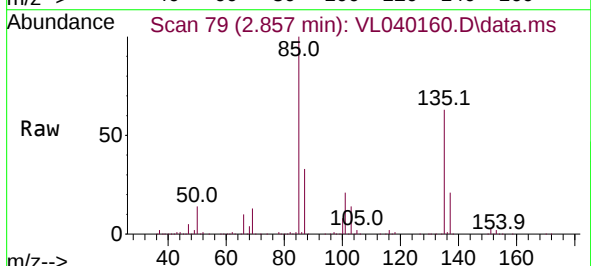
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MSVOA_L
ClientSampleId :
VL0213ABS01

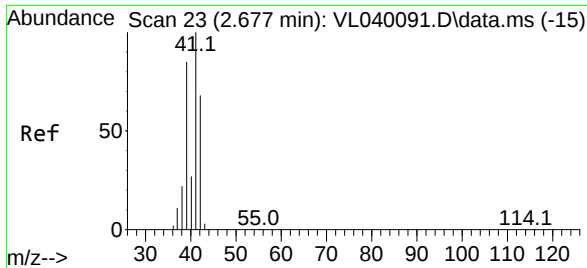
Tgt Ion: 64 Resp: 220912
Ion Ratio Lower Upper
64 100
66 30.4 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 9.833 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 85 Resp: 1474246
Ion Ratio Lower Upper
85 100
135 63.3 51.4 77.2





#9

Propene

Concen: 9.738 ppbv

RT: 2.693 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

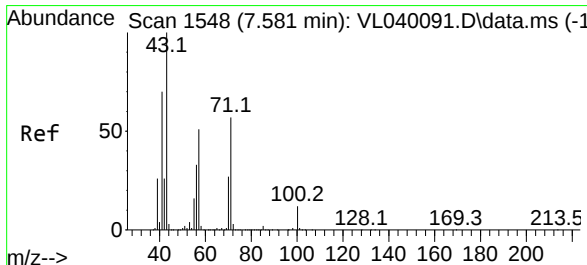
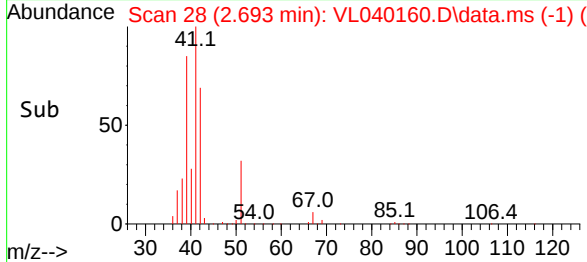
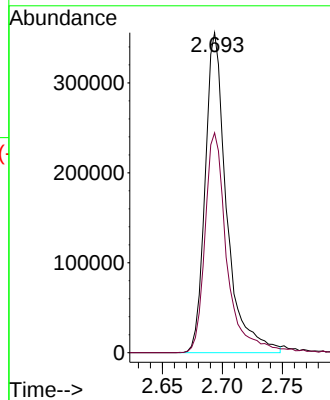
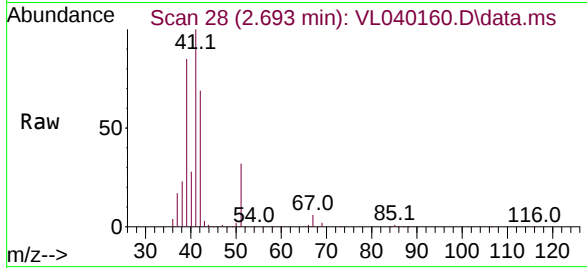
VL0213ABS01

Tgt Ion: 41 Resp: 444486

Ion Ratio Lower Upper

41 100

42 71.0 55.6 83.4



#10

Heptane

Concen: 10.647 ppbv

RT: 7.603 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VL040160.D

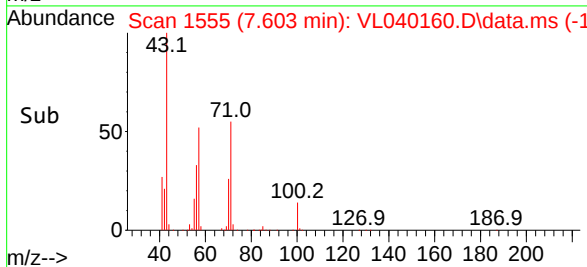
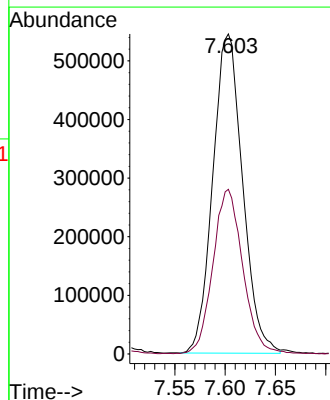
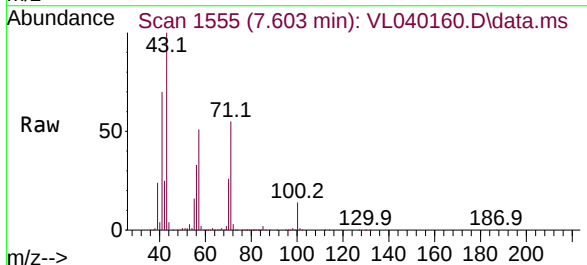
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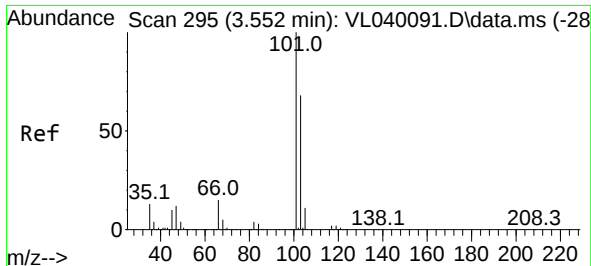
Tgt Ion: 43 Resp: 1120130

Ion Ratio Lower Upper

43 100

57 51.9 40.9 61.3

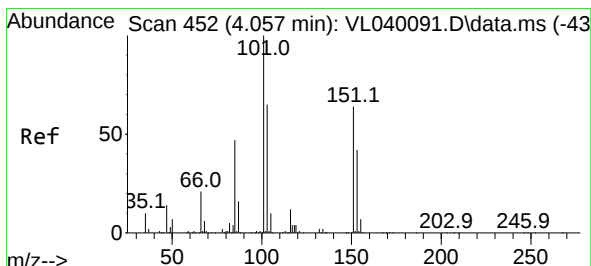
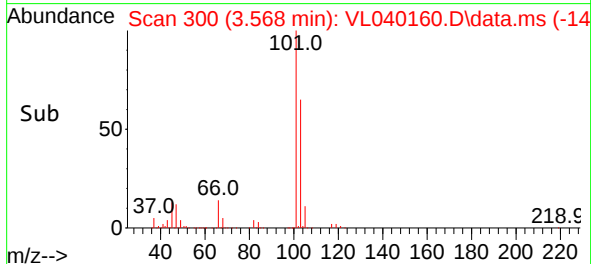
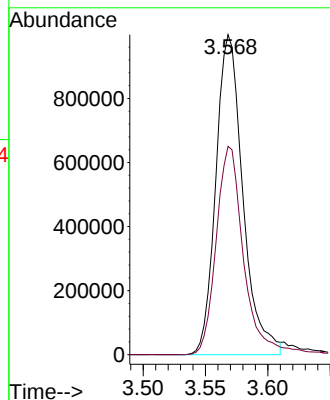
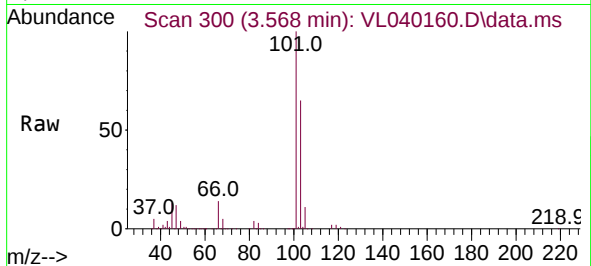




#11
 Trichlorofluoromethane
 Concen: 9.418 ppbv
 RT: 3.568 min Scan# 300
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

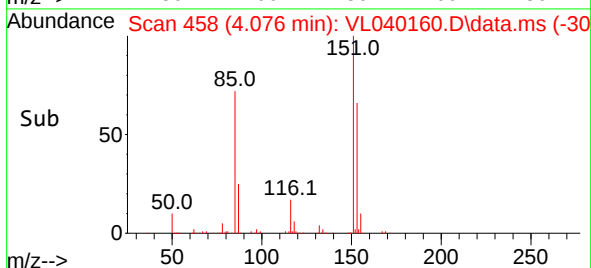
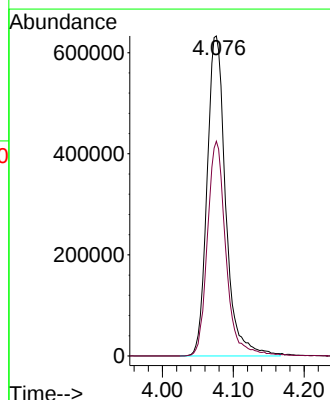
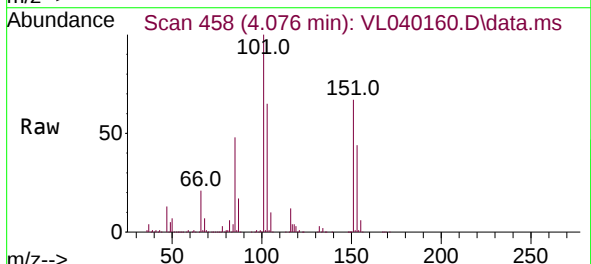
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0213ABS01

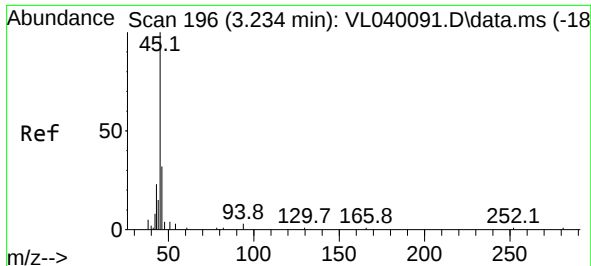
Tgt Ion:101 Resp: 1509389
 Ion Ratio Lower Upper
 101 100
 103 65.1 54.0 81.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.587 ppbv
 RT: 4.076 min Scan# 458
 Delta R.T. 0.003 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

Tgt Ion:101 Resp: 1155127
 Ion Ratio Lower Upper
 101 100
 151 66.9 53.2 79.8





#13

Ethanol

Concen: 6.481 ppbv

RT: 3.253 min Scan# 202

Delta R.T. 0.010 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

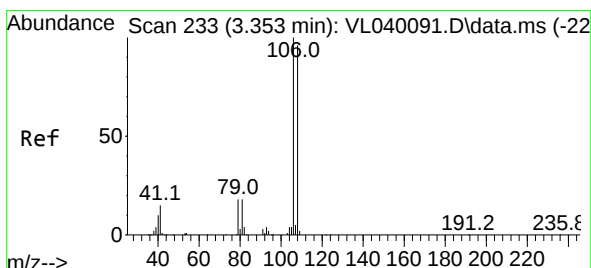
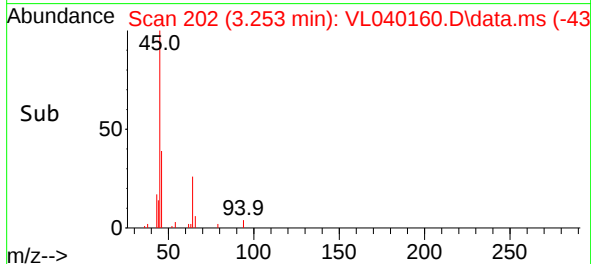
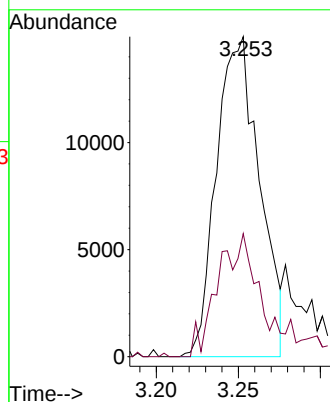
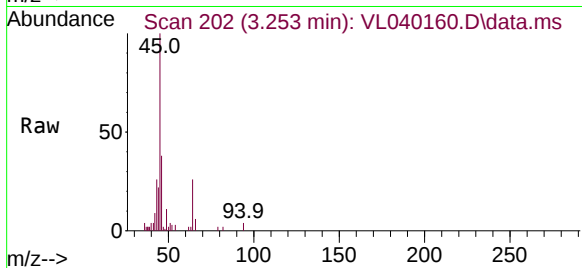
VL0213ABS01

Tgt Ion: 45 Resp: 27228

Ion Ratio Lower Upper

45 100

46 45.2 14.8 59.2



#14

Bromoethene

Concen: 10.164 ppbv

RT: 3.372 min Scan# 239

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

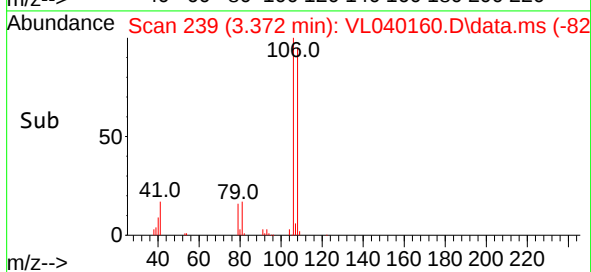
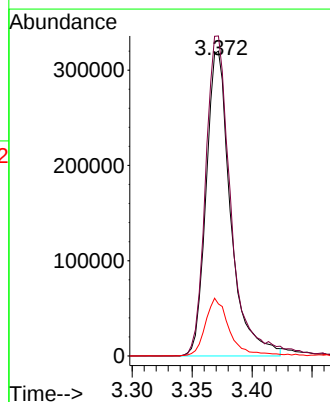
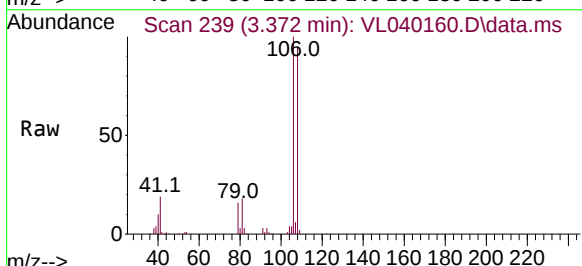
Tgt Ion: 108 Resp: 454632

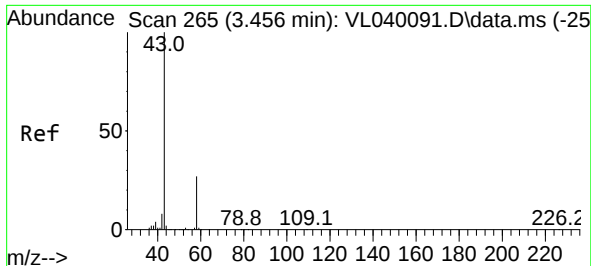
Ion Ratio Lower Upper

108 100

106 110.6 87.0 130.6

79 19.5 16.1 24.1

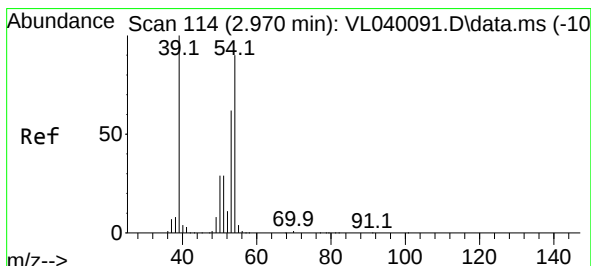
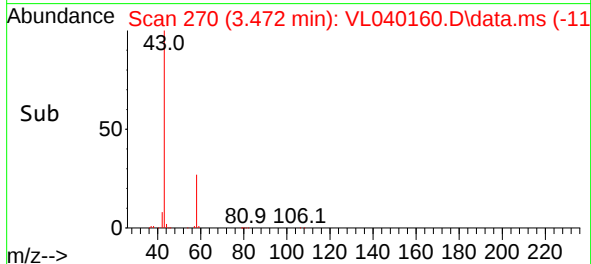
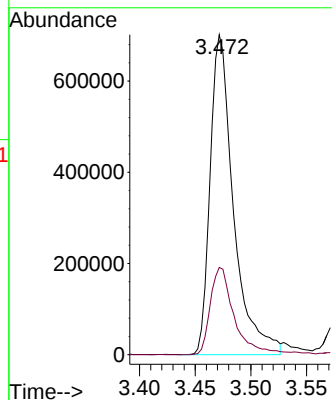
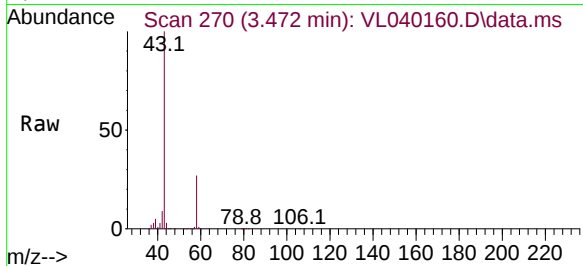




#15
Acetone
Concen: 9.333 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

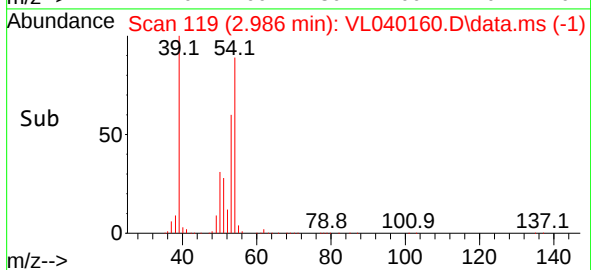
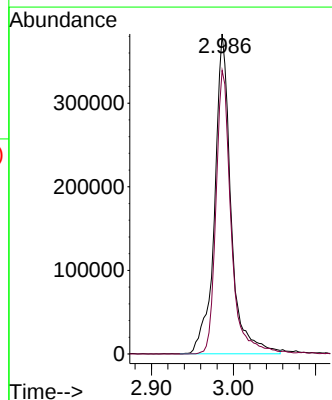
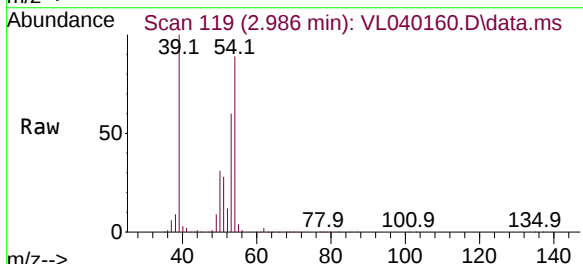
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

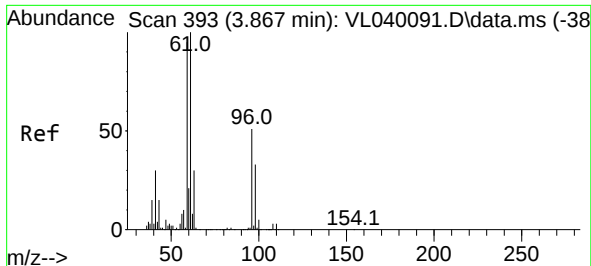
Tgt Ion: 43 Resp: 1025284
Ion Ratio Lower Upper
43 100
58 28.4 21.8 32.8



#16
1,3-Butadiene
Concen: 10.431 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 39 Resp: 534230
Ion Ratio Lower Upper
39 100
54 82.5 67.9 101.9





#17

tert-Butyl alcohol

Concen: 10.830 ppbv

RT: 3.883 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

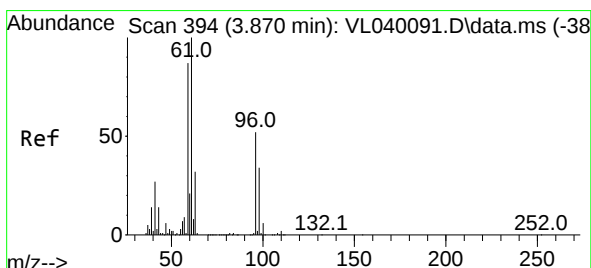
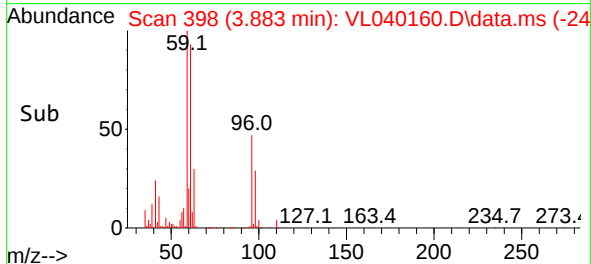
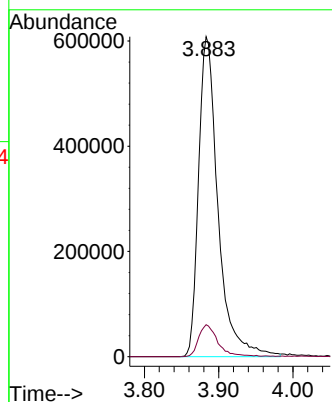
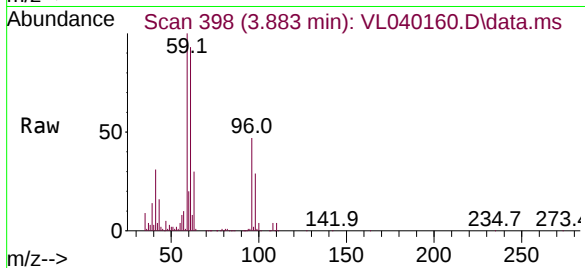
VL0213ABS01

Tgt Ion: 59 Resp: 1107840

Ion Ratio Lower Upper

59 100

57 10.2 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.663 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

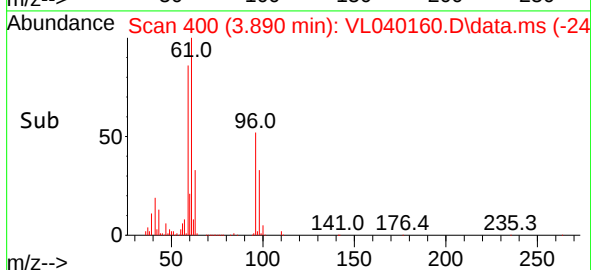
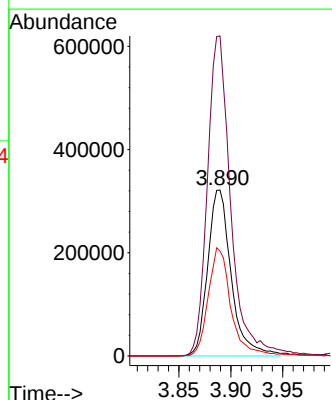
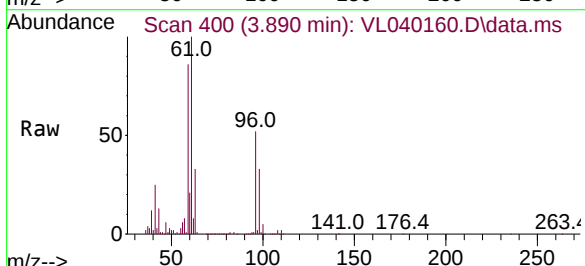
Tgt Ion: 96 Resp: 505884

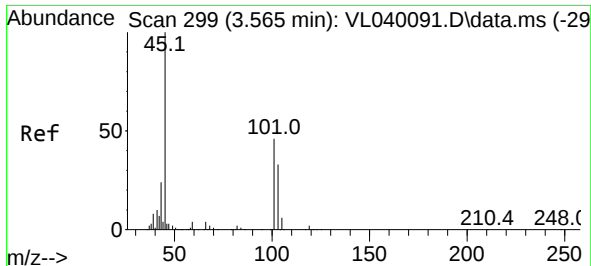
Ion Ratio Lower Upper

96 100

61 192.7 153.0 229.4

98 63.2 52.7 79.1





#19

Isopropyl Alcohol

Concen: 9.477 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

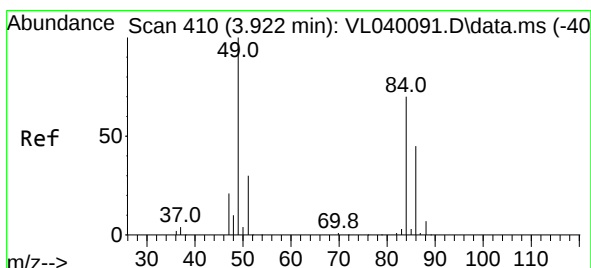
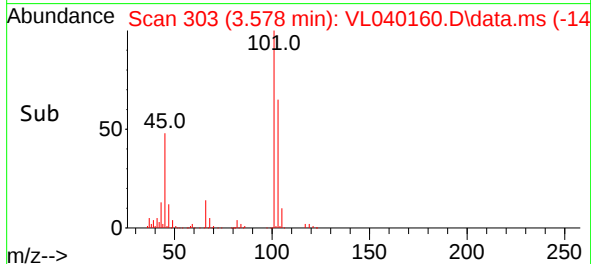
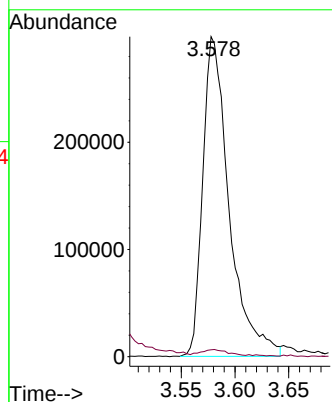
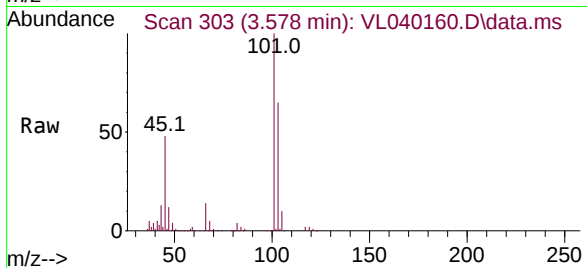
VL0213ABS01

Tgt Ion: 45 Resp: 509357

Ion Ratio Lower Upper

45 100

58 3.0 2.6 4.0



#20

Methylene Chloride

Concen: 8.911 ppbv

RT: 3.941 min Scan# 416

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Tgt Ion: 84 Resp: 431884

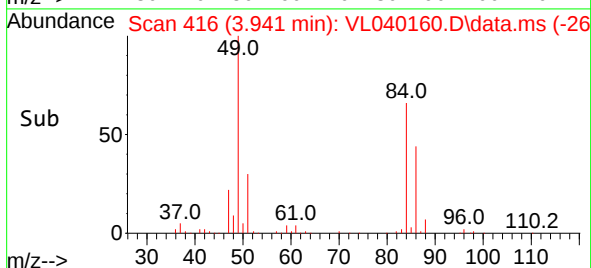
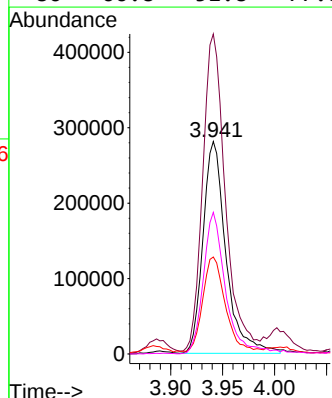
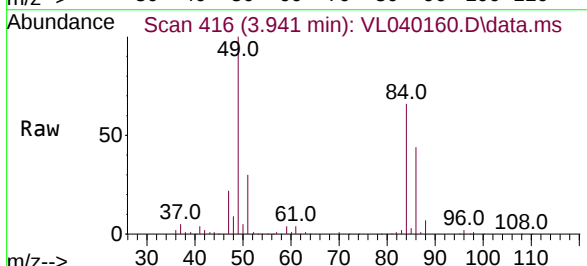
Ion Ratio Lower Upper

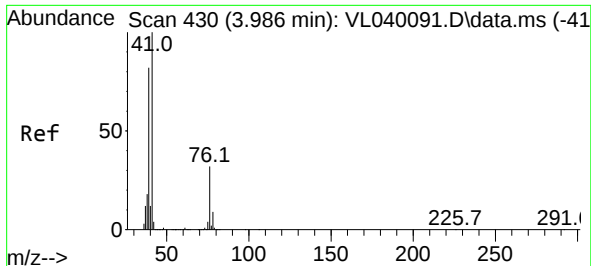
84 100

49 149.7 114.6 171.8

51 44.6 34.3 51.5

86 66.8 51.8 77.8

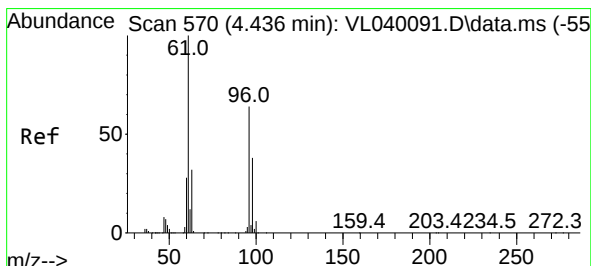
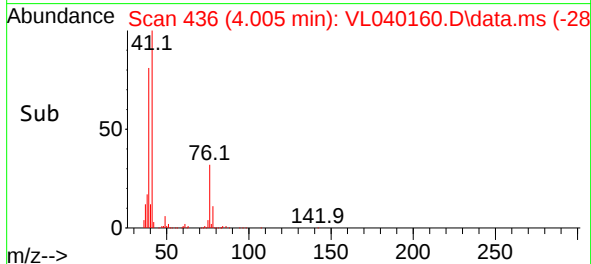
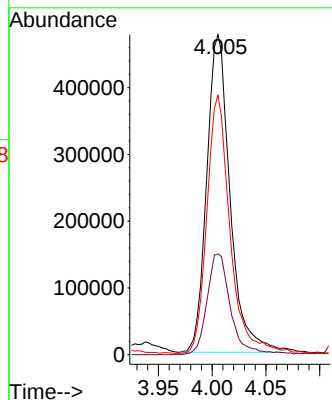
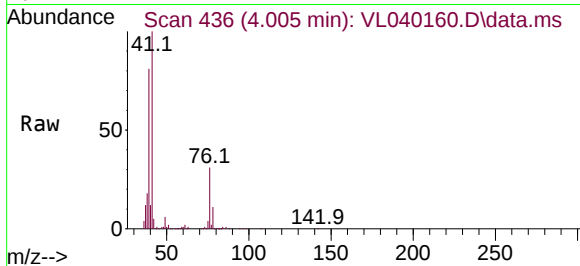




#21
 Allyl Chloride
 Concen: 10.182 ppbv
 RT: 4.005 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

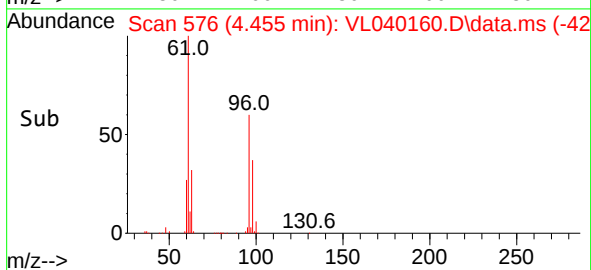
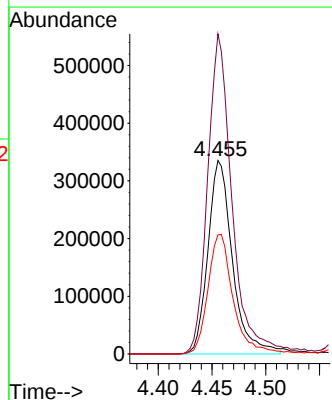
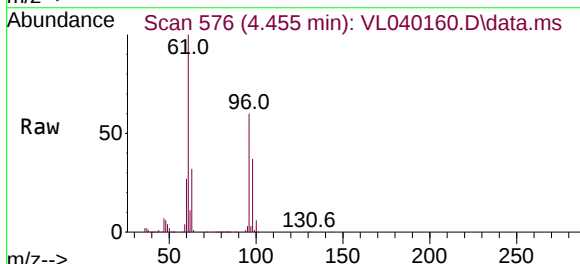
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0213ABS01

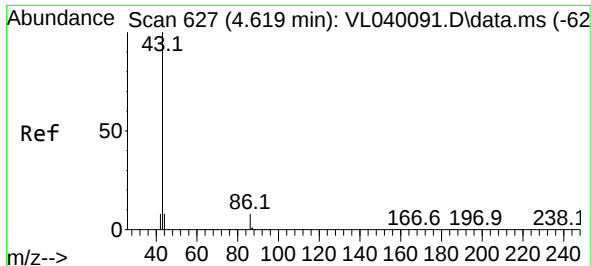
Tgt Ion: 41 Resp: 718169
 Ion Ratio Lower Upper
 41 100
 76 32.1 25.9 38.9
 39 81.4 66.8 100.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.953 ppbv
 RT: 4.455 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

Tgt Ion: 96 Resp: 532410
 Ion Ratio Lower Upper
 96 100
 61 165.3 125.8 188.8
 98 61.6 47.4 71.2



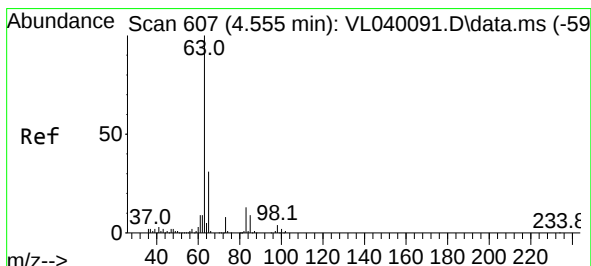
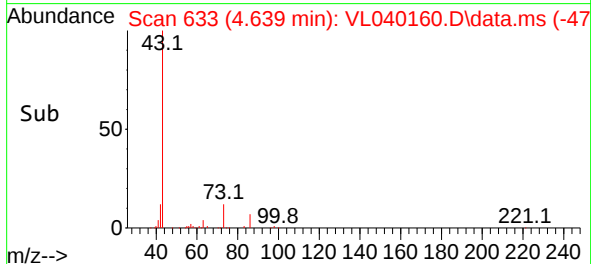
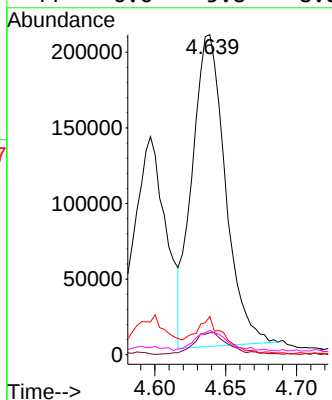
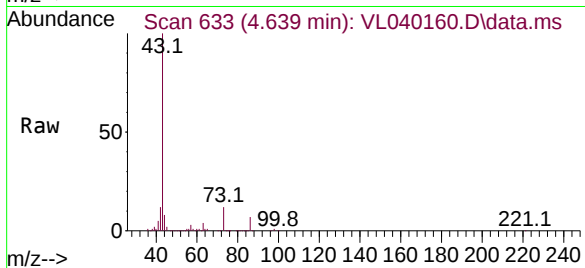


#23
 Vinyl Acetate
 Concen: 9.424 ppbv
 RT: 4.639 min Scan# 613
 Delta R.T. 0.003 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0213ABS01

Tgt Ion: 43 Resp: 335598

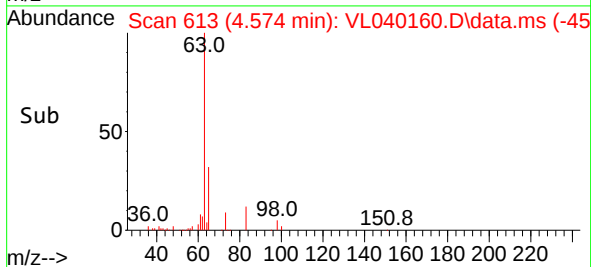
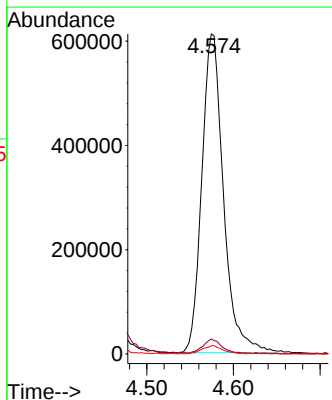
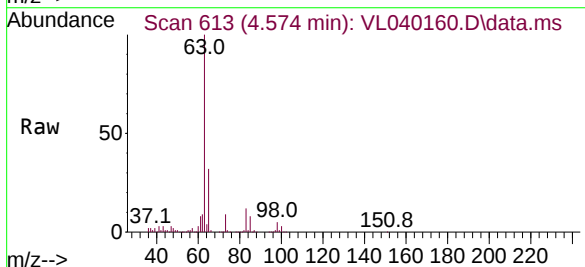
Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.6	8.4
42	11.9	7.7	11.5
44	6.6	5.8	8.8

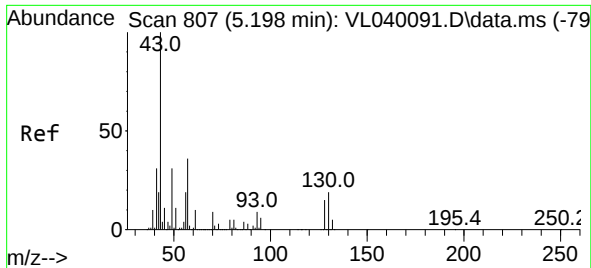


#24
 1,1-Dichloroethane
 Concen: 9.851 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

Tgt Ion: 63 Resp: 1062263

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.0	5.8
100	2.5	1.1	3.5



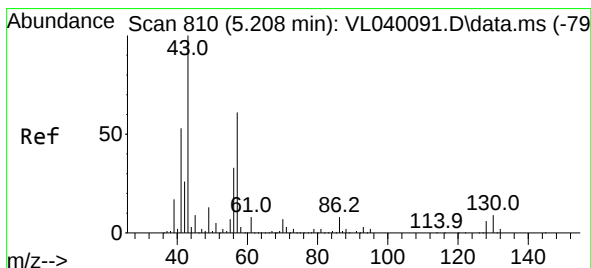
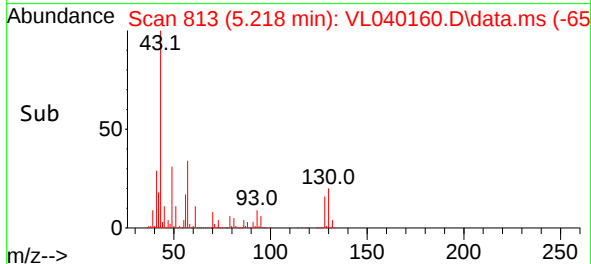
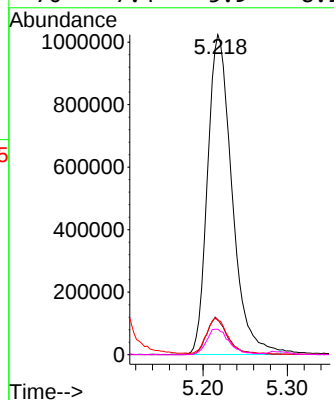
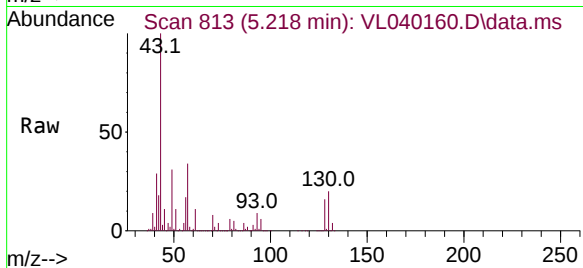


#25
Ethyl Acetate
Concen: 10.667 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

Tgt Ion: 43 Resp: 2064266

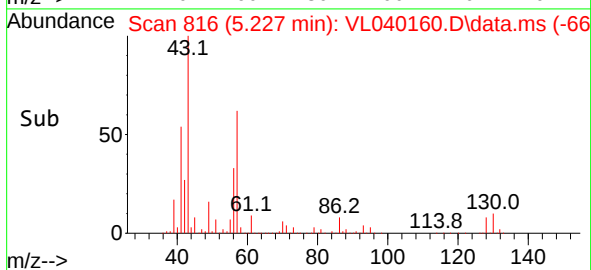
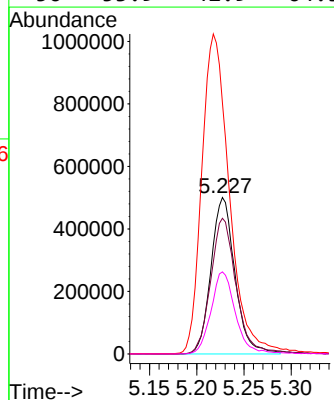
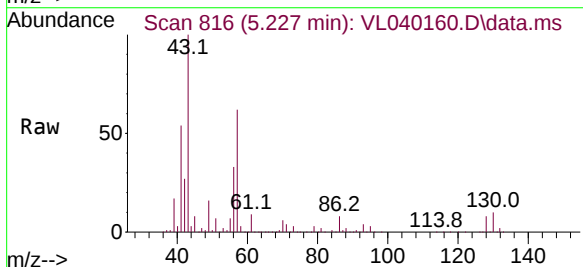
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.5	12.7
61	10.6	8.4	12.6
70	7.4	5.9	8.9

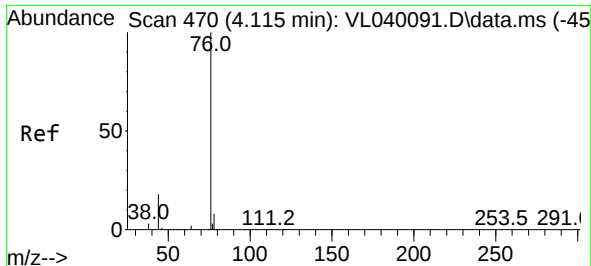


#26
Hexane
Concen: 10.406 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 57 Resp: 881339

Ion	Ratio	Lower	Upper
57	100		
41	93.2	72.2	108.4
43	237.4	192.1	288.1
56	53.9	42.9	64.3





#27

Carbon Disulfide

Concen: 11.198 ppbv

RT: 4.134 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

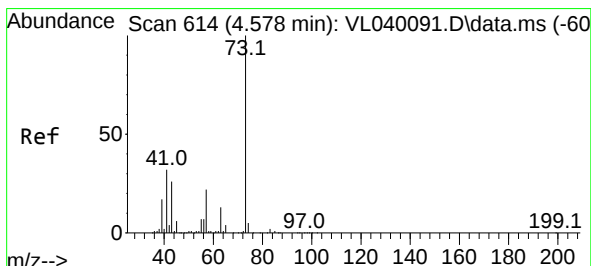
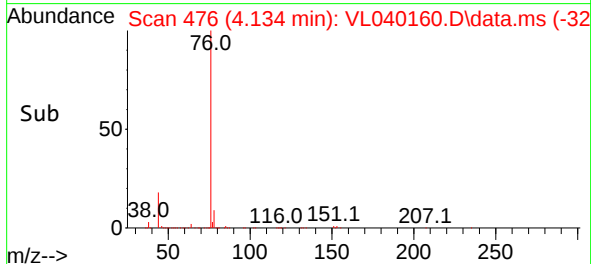
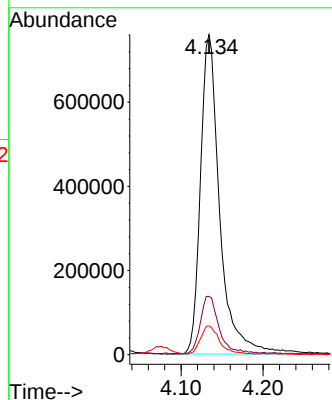
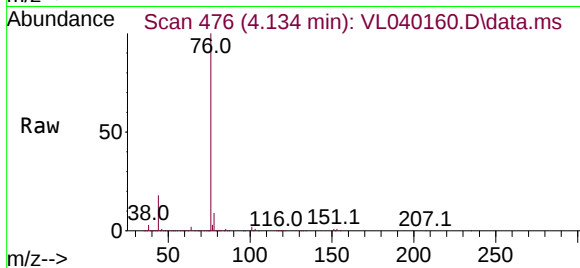
MSVOA_L

ClientSampleId :

VL0213ABS01

Tgt Ion: 76 Resp: 1228700

Ion	Ratio	Lower	Upper
76	100		
44	18.1	14.9	22.3
78	9.7	8.2	12.2



#28

Methyl tert-Butyl Ether

Concen: 10.108 ppbv

RT: 4.597 min Scan# 620

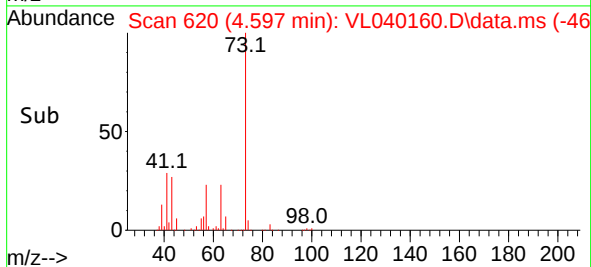
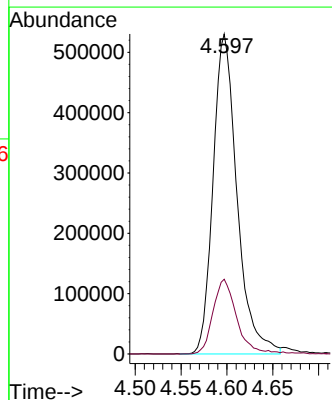
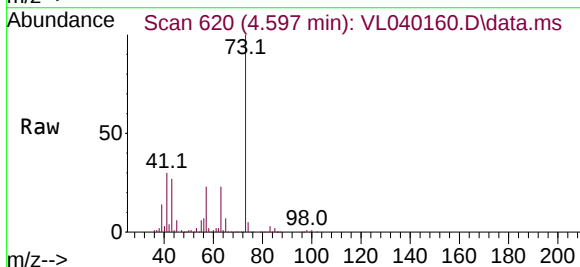
Delta R.T. 0.000 min

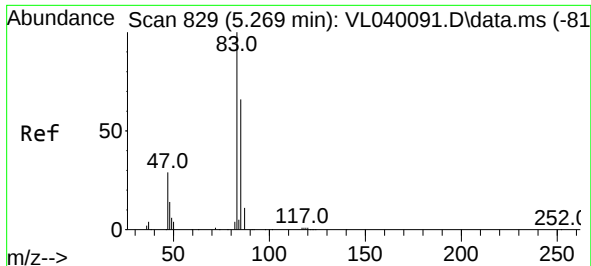
Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Tgt Ion: 73 Resp: 963051

Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.3	27.5





#29

Chloroform

Concen: 11.118 ppbv

RT: 5.288 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

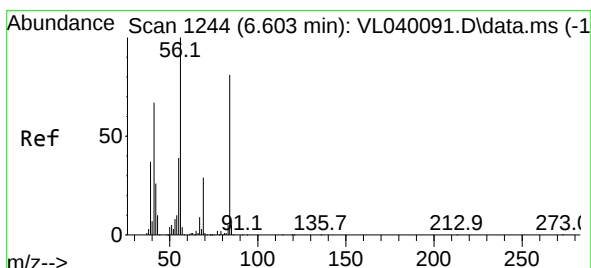
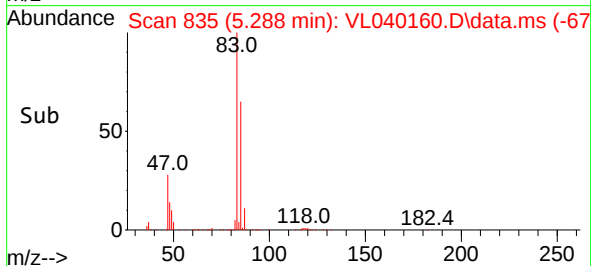
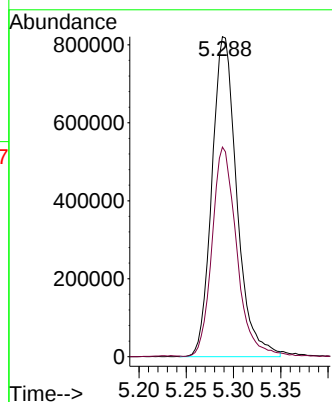
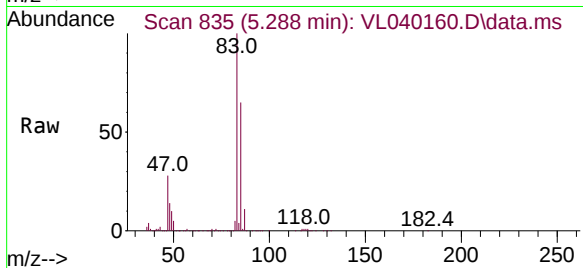
VL0213ABS01

Tgt Ion: 83 Resp: 1505503

Ion Ratio Lower Upper

83 100

85 65.3 53.1 79.7



#30

Cyclohexane

Concen: 10.844 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

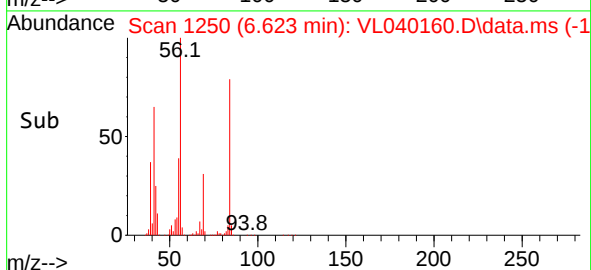
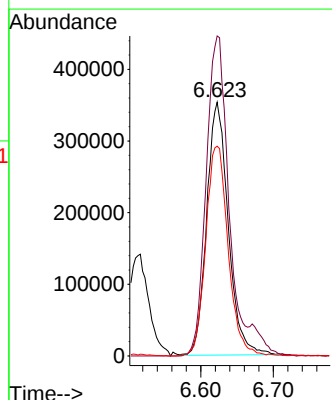
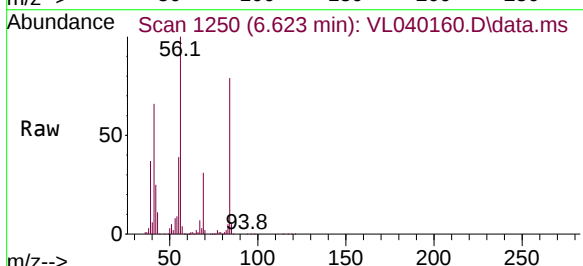
Tgt Ion: 84 Resp: 730127

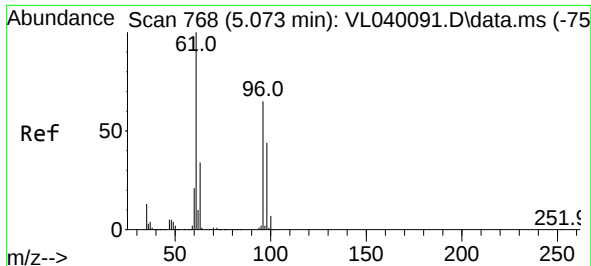
Ion Ratio Lower Upper

84 100

56 137.7 111.5 167.3

41 86.4 71.4 107.0

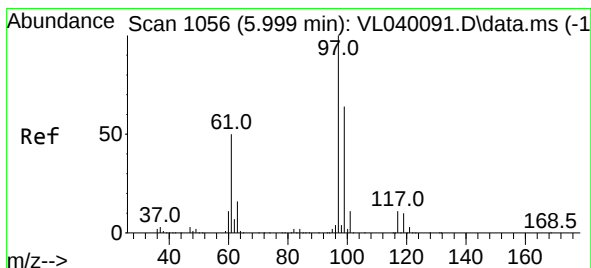
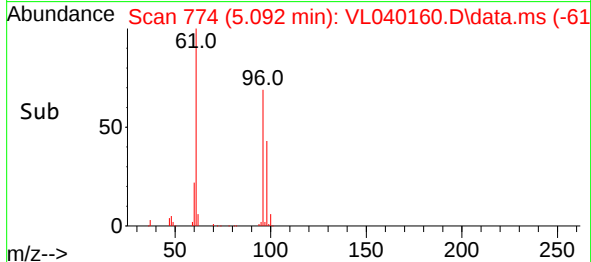
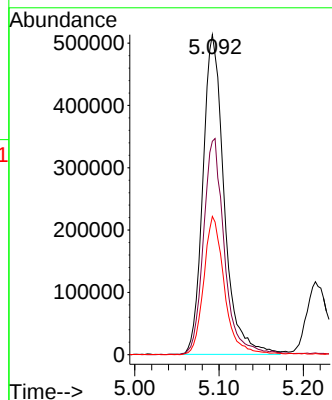
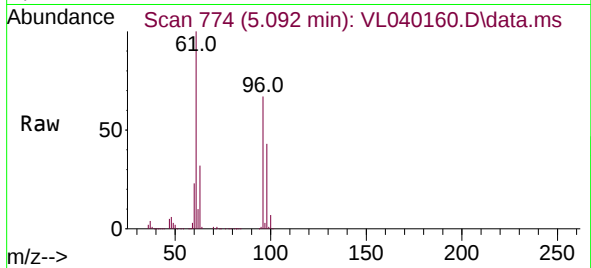




#31
 cis-1,2-Dichloroethene
 Concen: 11.017 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

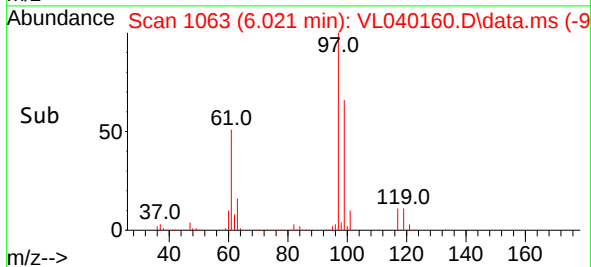
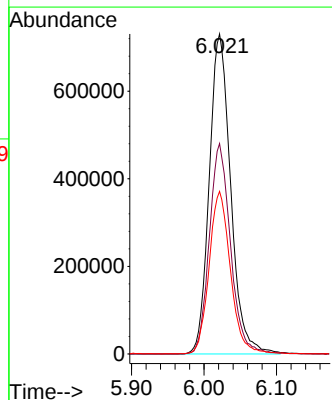
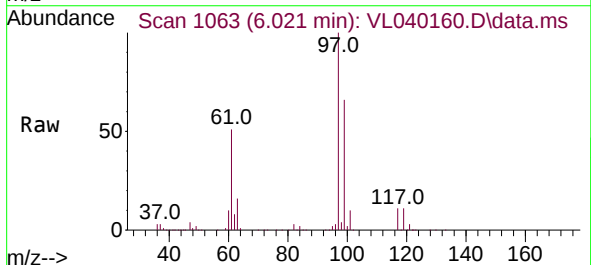
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0213ABS01

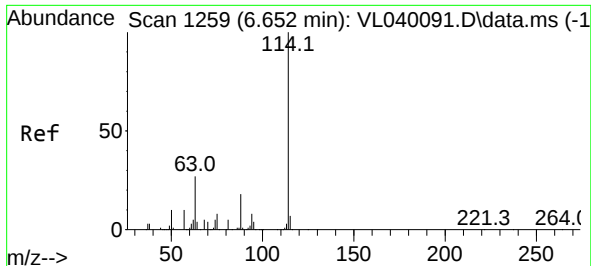
Tgt Ion: 61 Resp: 903327
 Ion Ratio Lower Upper
 61 100
 96 66.7 52.0 78.0
 98 43.2 35.3 52.9



#32
 1,1,1-Trichloroethane
 Concen: 10.910 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

Tgt Ion: 97 Resp: 1501541
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.8 77.6
 61 50.6 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01

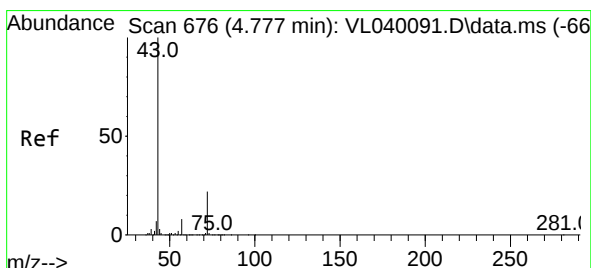
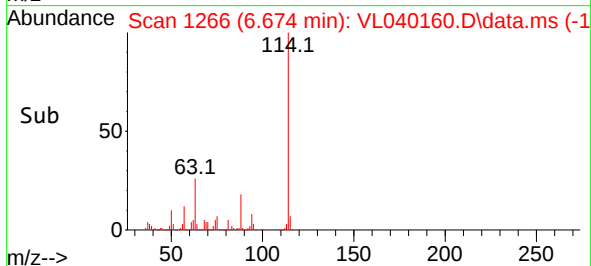
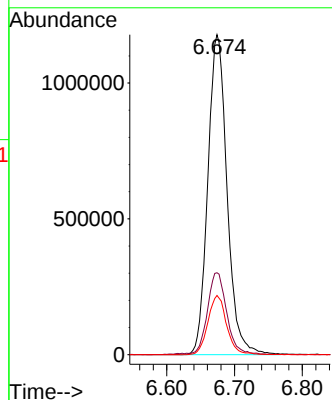
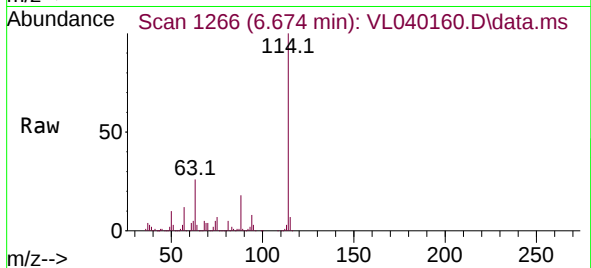
Tgt Ion:114 Resp: 2324596

Ion Ratio Lower Upper

114 100

63 26.0 21.8 32.8

88 18.0 14.8 22.2



#34

2-Butanone

Concen: 10.457 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL040160.D

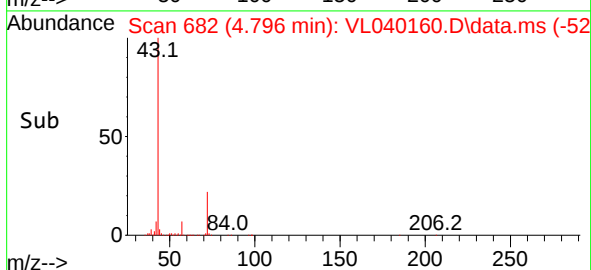
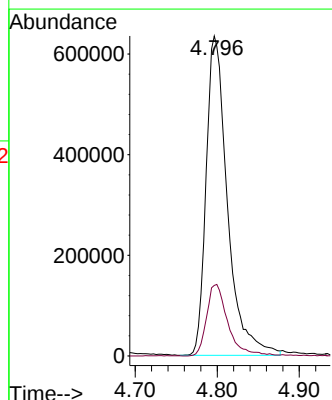
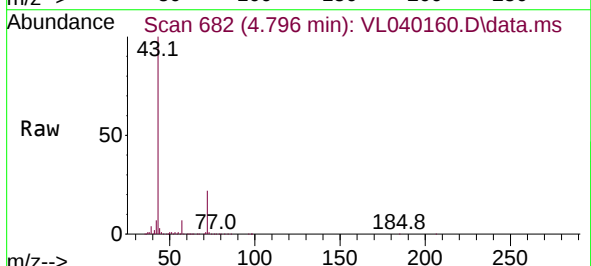
Acq: 13 Feb 2023 14:33

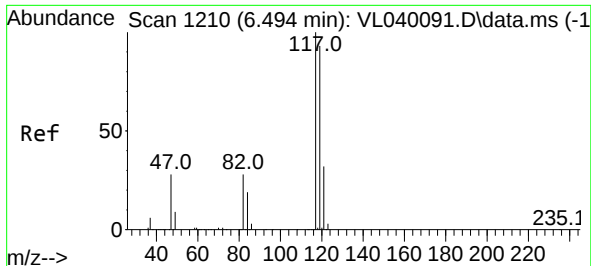
Tgt Ion: 43 Resp: 1149803

Ion Ratio Lower Upper

43 100

72 22.5 18.4 27.6

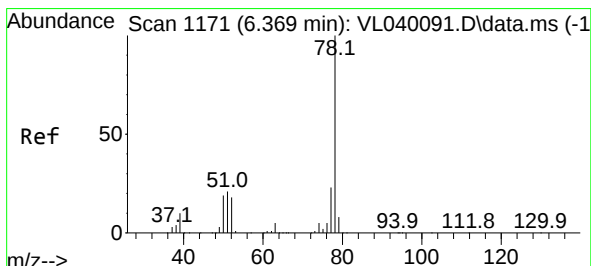
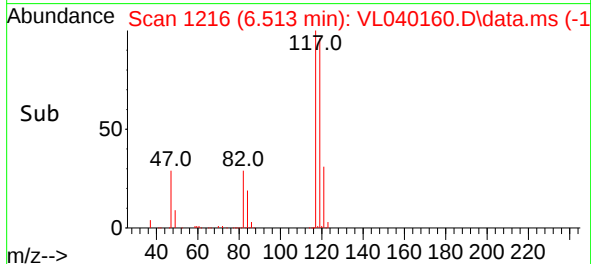
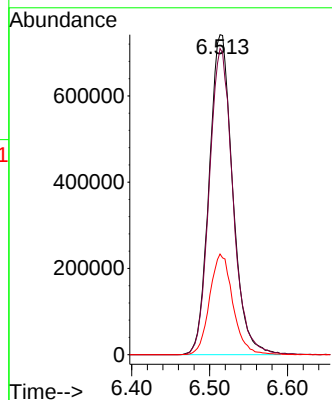
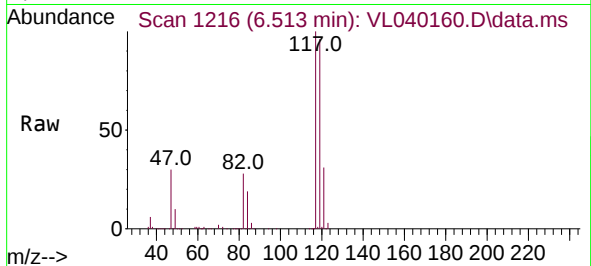




#35
Carbon Tetrachloride
Concen: 11.845 ppbv
RT: 6.513 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

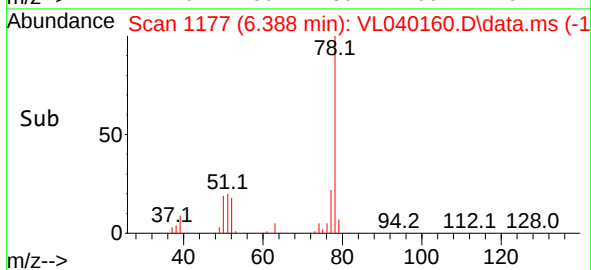
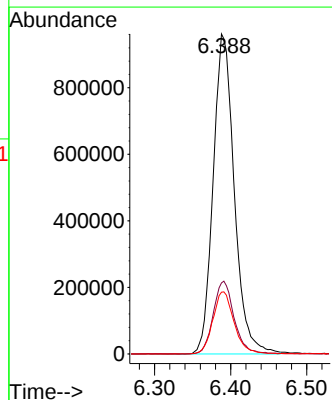
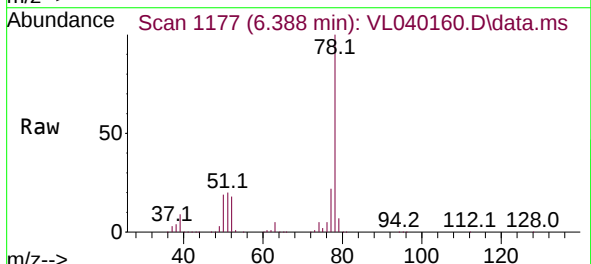
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

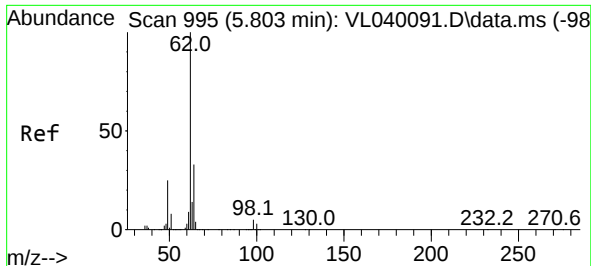
Tgt Ion:117 Resp: 1556844
Ion Ratio Lower Upper
117 100
119 95.6 74.5 111.7
121 31.5 25.4 38.0



#36
Benzene
Concen: 10.786 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 78 Resp: 1855474
Ion Ratio Lower Upper
78 100
77 22.2 18.1 27.1
50 19.3 15.6 23.4





#37

1,2-Dichloroethane

Concen: 10.517 ppbv

RT: 5.822 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

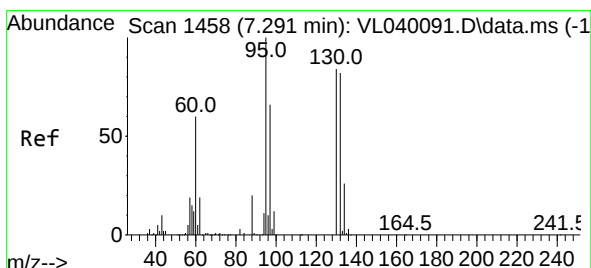
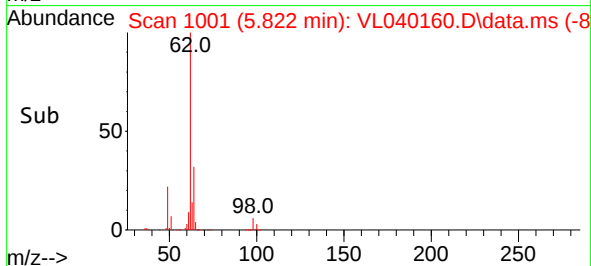
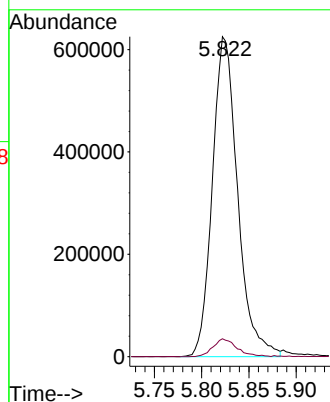
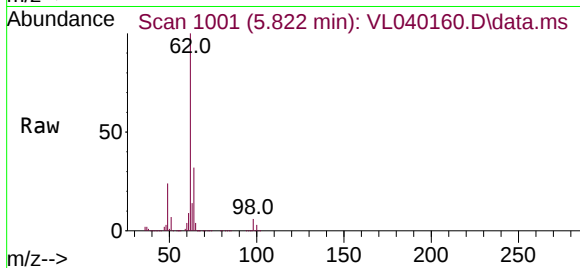
VL0213ABS01

Tgt Ion: 62 Resp: 1162884

Ion Ratio Lower Upper

62 100

98 5.4 4.4 6.6



#38

Trichloroethene

Concen: 11.346 ppbv

RT: 7.314 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Tgt Ion:130 Resp: 1107694

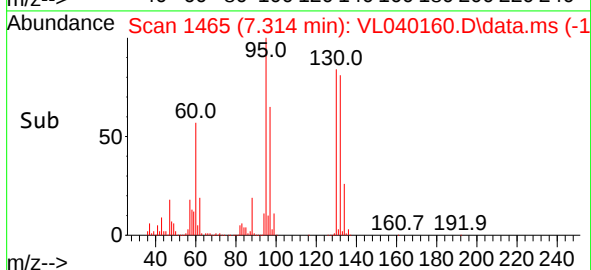
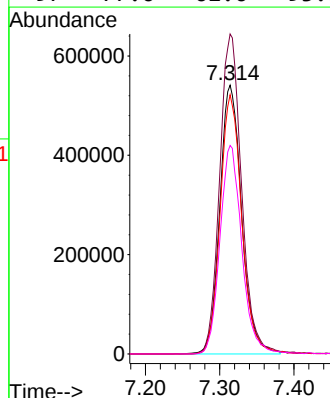
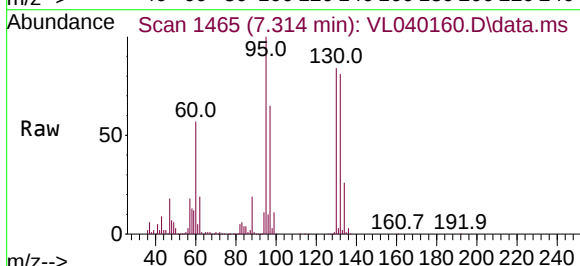
Ion Ratio Lower Upper

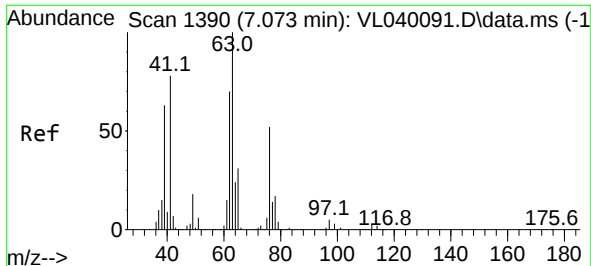
130 100

95 119.1 95.0 142.6

132 96.5 77.9 116.9

97 77.6 62.6 93.8





#39

1,2-Dichloropropane

Concen: 10.581 ppbv

RT: 7.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01

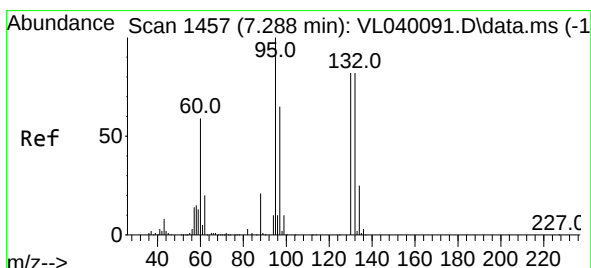
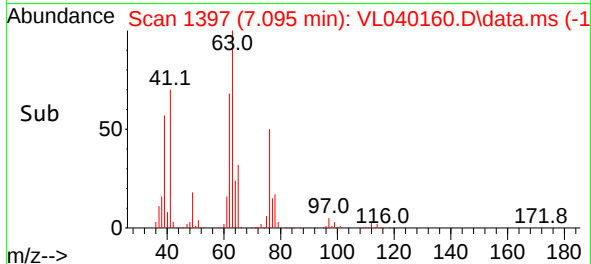
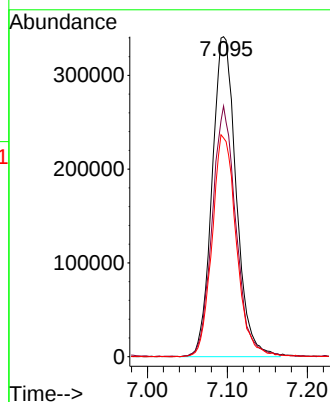
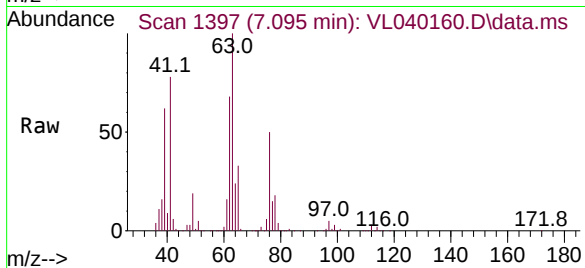
Tgt Ion: 63 Resp: 711958

Ion Ratio Lower Upper

63 100

41 78.3 62.2 93.4

62 68.3 55.8 83.8



#40

1,4-Dioxane

Concen: 10.147 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Tgt Ion: 88 Resp: 270954

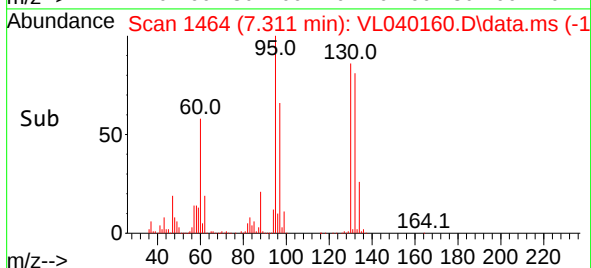
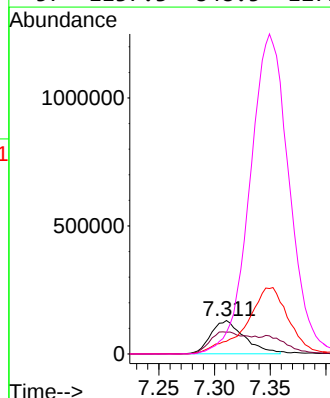
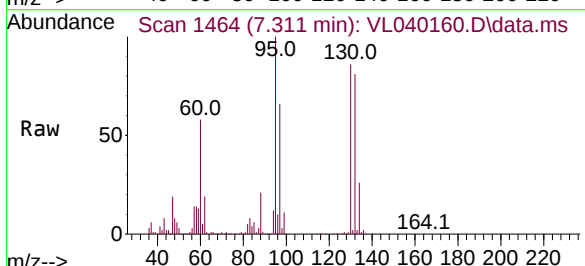
Ion Ratio Lower Upper

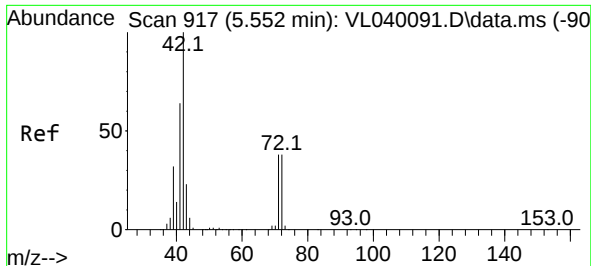
88 100

58 125.7 97.5 146.3

43 254.3 195.0 292.4

57 1137.3 848.5 1272.7

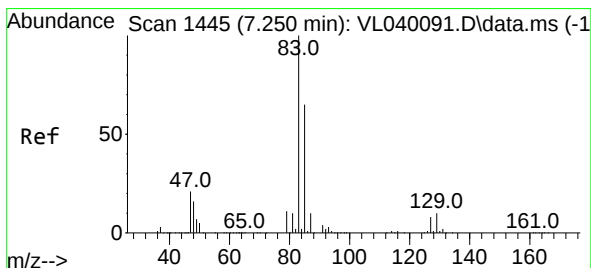
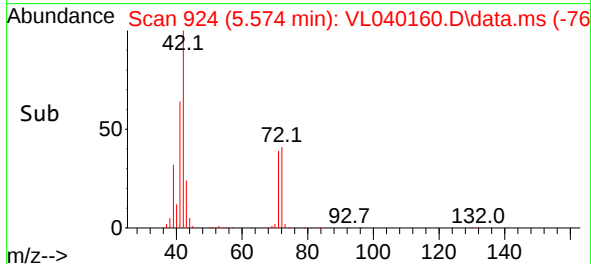
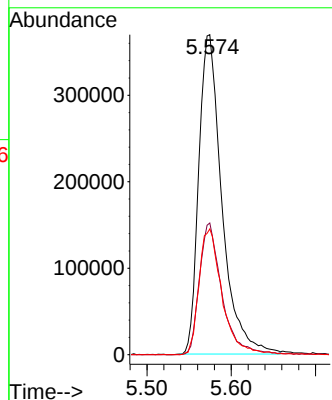
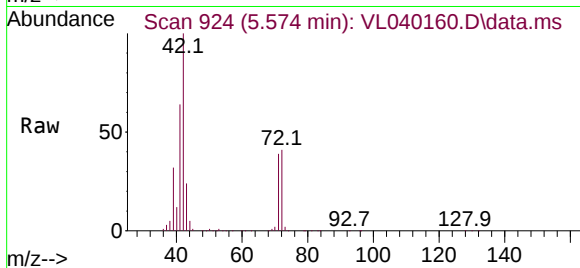




#41
Tetrahydrofuran
Concen: 11.128 ppbv
RT: 5.574 min Scan# 917
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

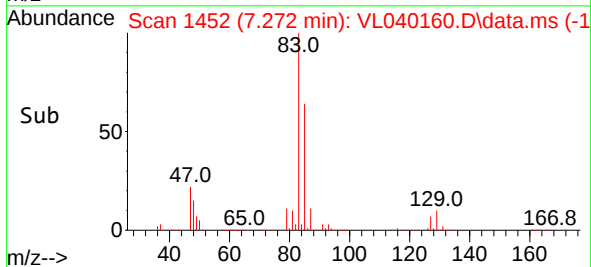
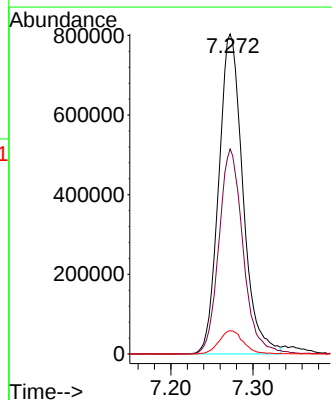
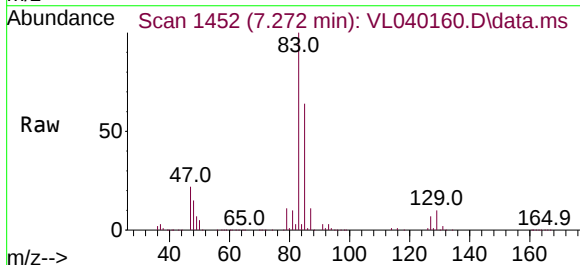
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

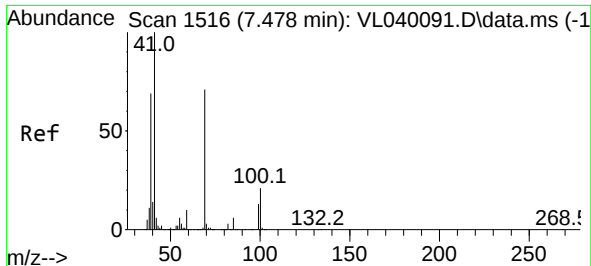
Tgt Ion: 42 Resp: 706229
Ion Ratio Lower Upper
42 100
72 40.2 31.9 47.9
71 39.3 31.4 47.2



#42
Bromodichloromethane
Concen: 11.006 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 83 Resp: 1643307
Ion Ratio Lower Upper
83 100
85 64.1 51.7 77.5
127 7.2 6.2 9.2

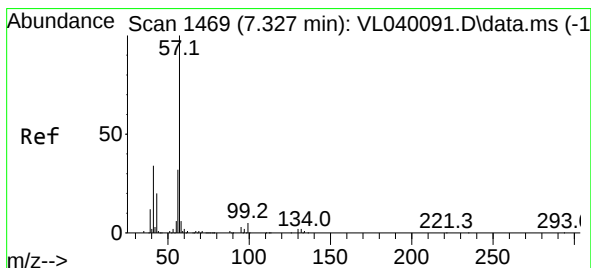
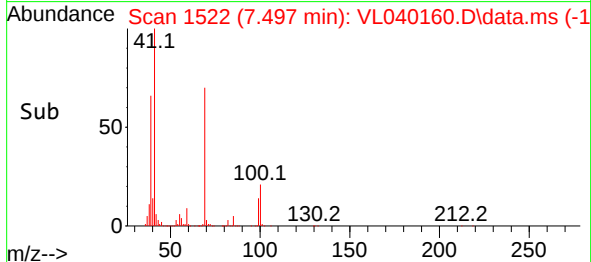
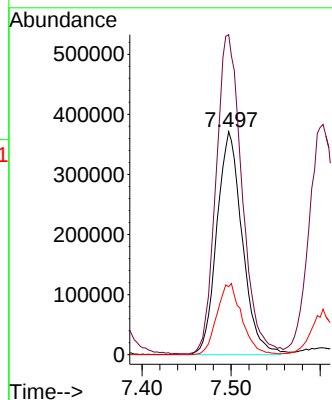
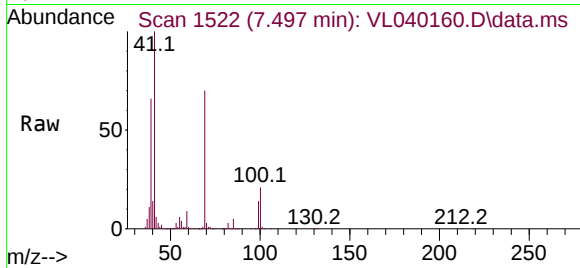




#43
Methyl Methacrylate
Concen: 11.654 ppbv
RT: 7.497 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

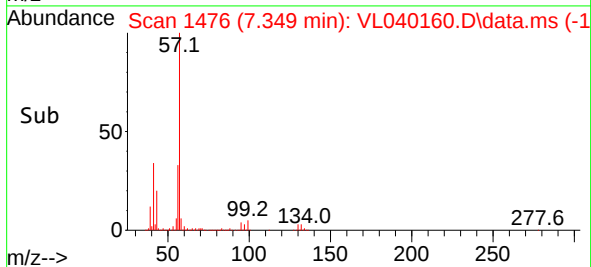
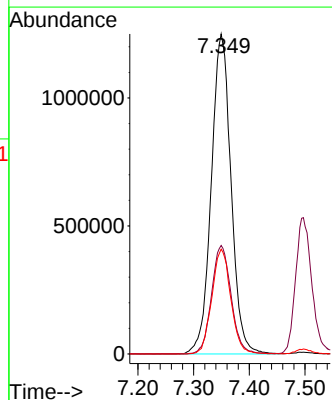
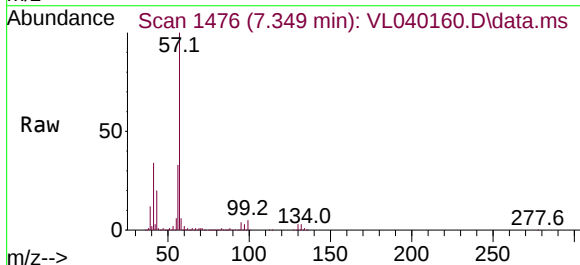
Instrument :
MSVOA_1
ClientSampleId :
VL0213ABS01

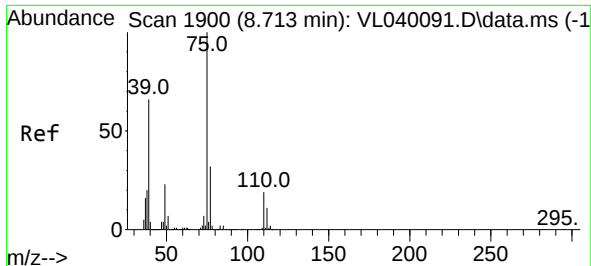
Tgt Ion: 69 Resp: 735676
Ion Ratio Lower Upper
69 100
41 146.5 118.2 177.2
100 31.4 24.2 36.4



#44
2,2,4-Trimethylpentane
Concen: 10.761 ppbv
RT: 7.349 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 57 Resp: 3078396
Ion Ratio Lower Upper
57 100
41 33.6 27.1 40.7
56 31.5 25.0 37.4

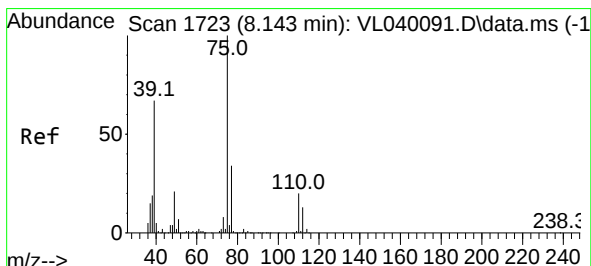
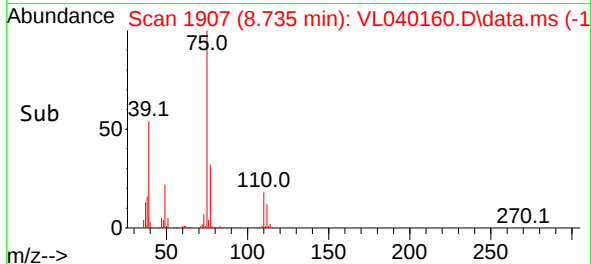
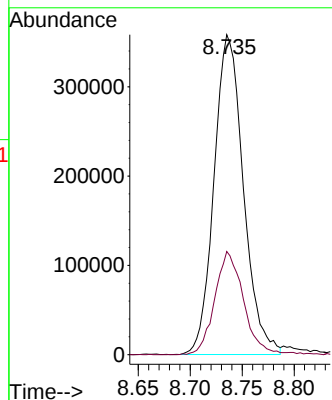
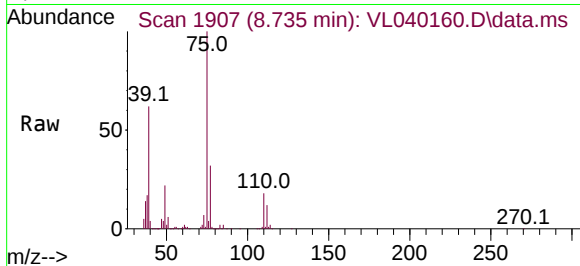




#45
t-1,3-Dichloropropene
Concen: 12.505 ppbv
RT: 8.735 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

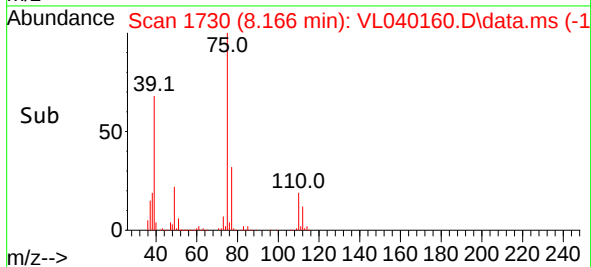
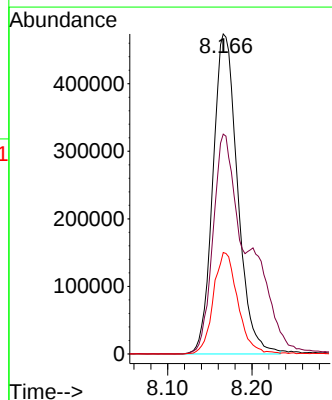
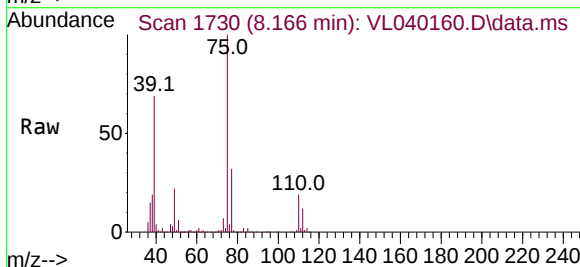
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

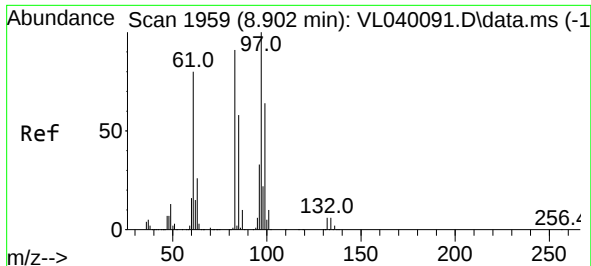
Tgt Ion: 75 Resp: 703954
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4



#46
cis-1,3-Dichloropropene
Concen: 12.505 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 75 Resp: 961913
Ion Ratio Lower Upper
75 100
39 68.7 53.6 80.4
77 31.7 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 10.489 ppbv

RT: 8.925 min Scan# 1959

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01

Tgt Ion: 97 Resp: 743107

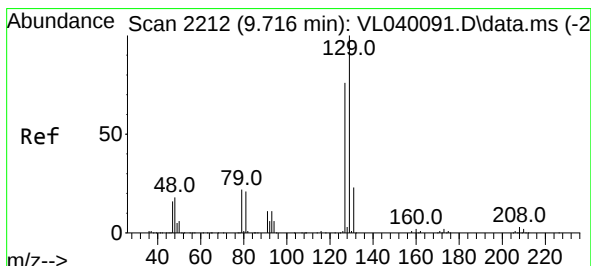
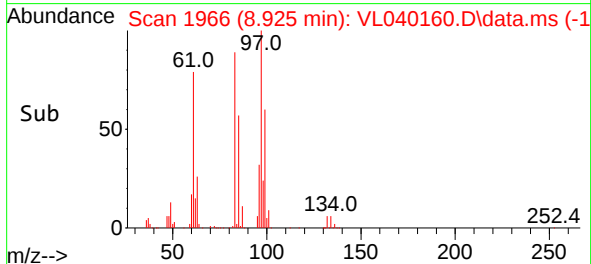
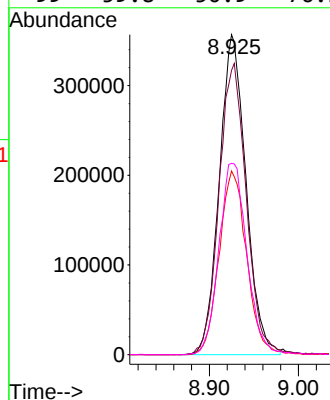
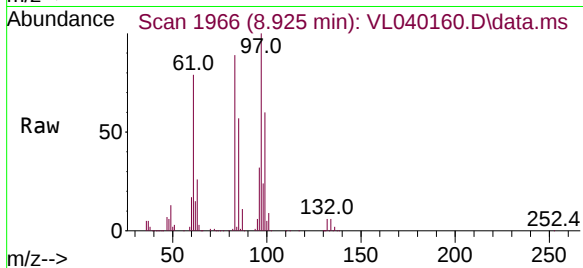
Ion Ratio Lower Upper

97 100

83 88.8 72.9 109.3

85 57.4 46.0 69.0

99 59.8 50.9 76.3



#48

Dibromochloromethane

Concen: 11.210 ppbv

RT: 9.741 min Scan# 2220

Delta R.T. 0.003 min

Lab File: VL040160.D

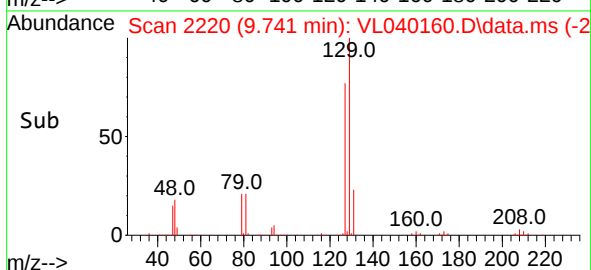
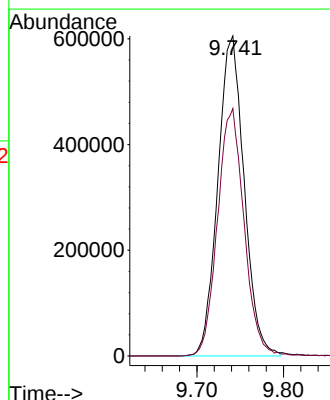
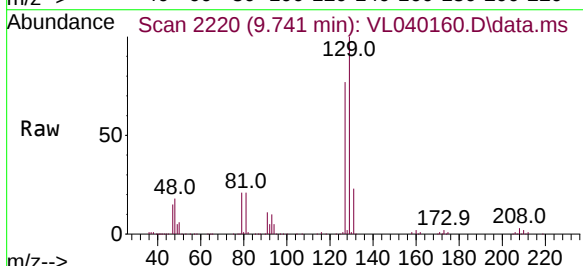
Acq: 13 Feb 2023 14:33

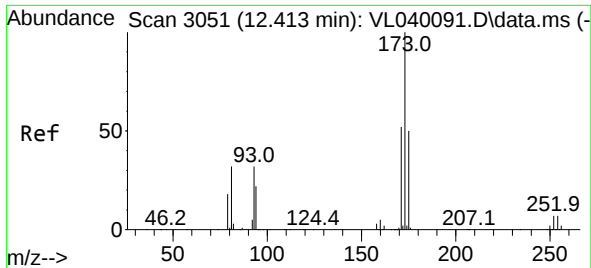
Tgt Ion: 129 Resp: 1276414

Ion Ratio Lower Upper

129 100

127 78.1 39.3 117.9

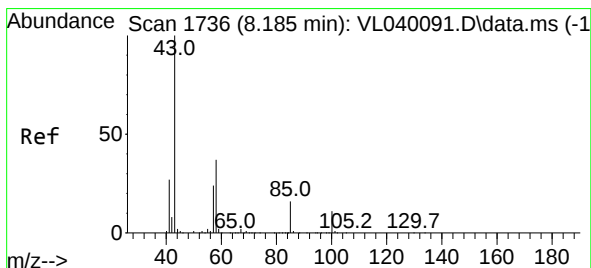
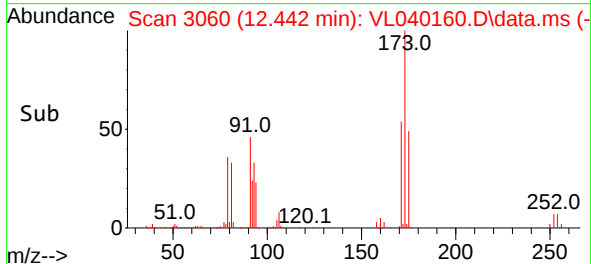
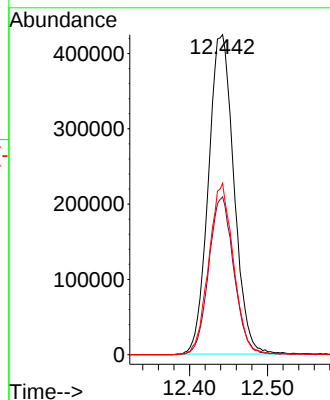
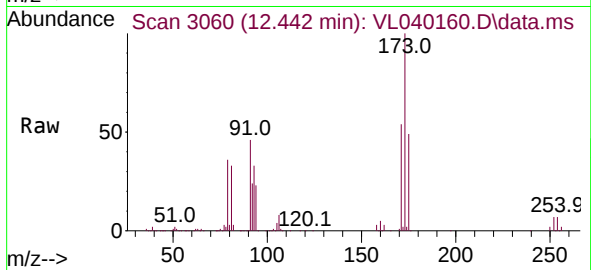




#49
Bromoform
Concen: 10.990 ppbv
RT: 12.442 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

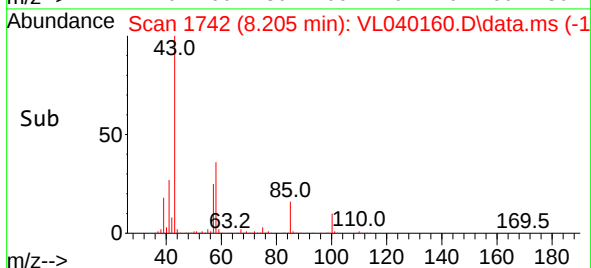
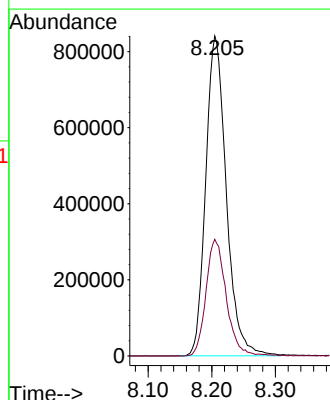
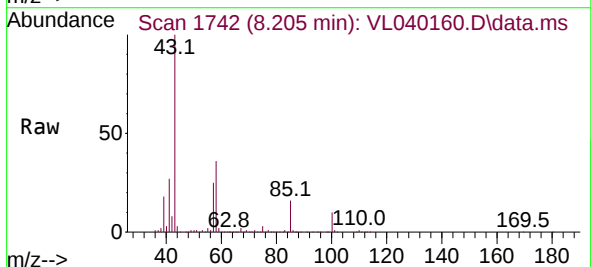
Instrument :
MSVOA_1
ClientSampleId :
VL0213ABS01

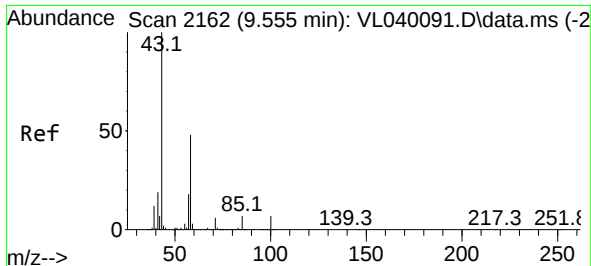
Tgt Ion:173 Resp: 963985
Ion Ratio Lower Upper
173 100
175 48.9 39.7 59.5
171 52.3 42.2 63.2



#50
4-Methyl-2-Pentanone
Concen: 10.915 ppbv
RT: 8.205 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 43 Resp: 1887742
Ion Ratio Lower Upper
43 100
58 36.1 28.8 43.2

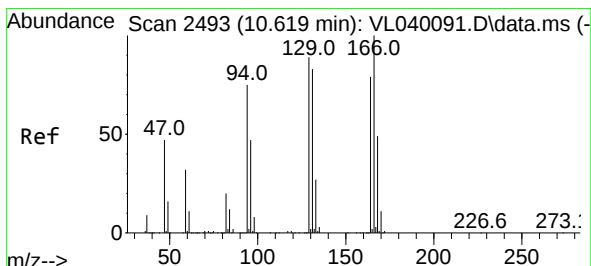
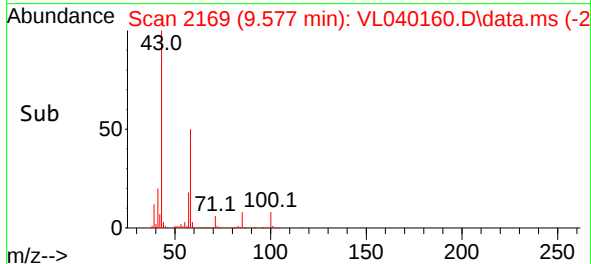
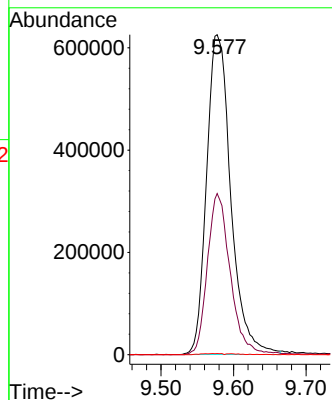
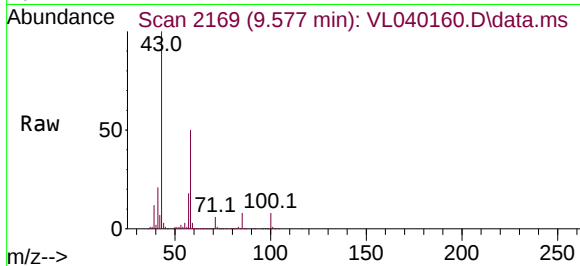




#51
2-Hexanone
Concen: 11.090 ppbv
RT: 9.577 min Scan# 2162
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

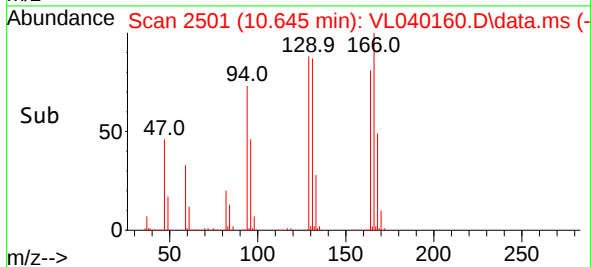
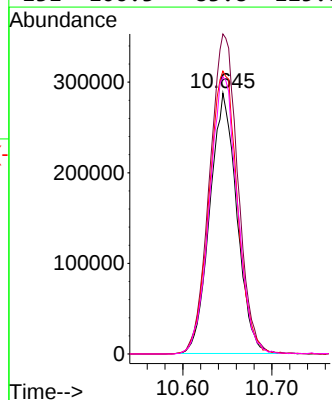
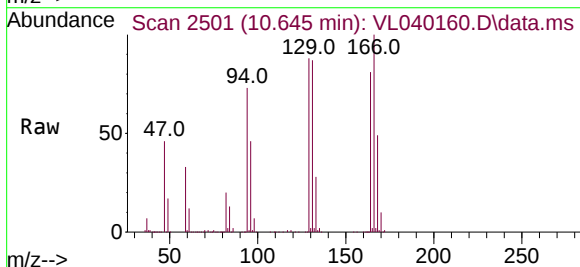
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

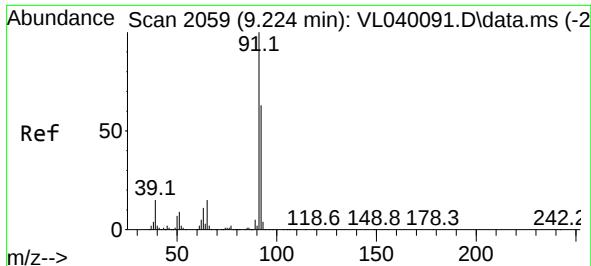
Tgt Ion: 43 Resp: 1453169
Ion Ratio Lower Upper
43 100
58 47.8 37.5 56.3
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 10.724 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion:164 Resp: 603531
Ion Ratio Lower Upper
164 100
166 122.5 101.2 151.8
129 108.3 90.2 135.2
131 106.3 83.8 125.8





#53

Toluene

Concen: 11.333 ppbv

RT: 9.249 min Scan# 2059

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

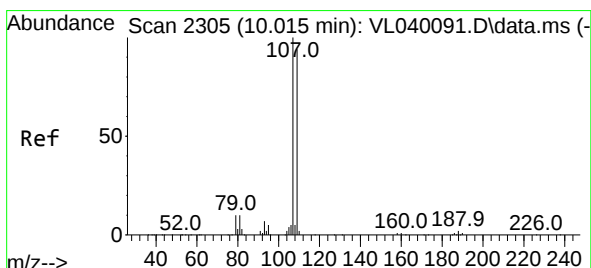
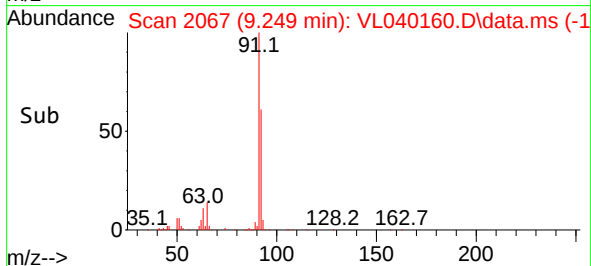
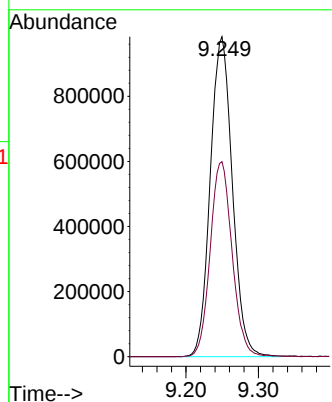
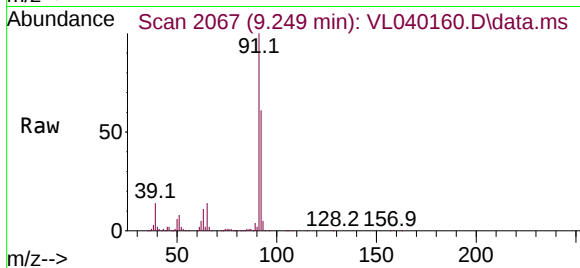
VL0213ABS01

Tgt Ion: 91 Resp: 2079417

Ion Ratio Lower Upper

91 100

92 60.5 48.3 72.5



#54

1,2-Dibromoethane

Concen: 11.321 ppbv

RT: 10.037 min Scan# 2312

Delta R.T. 0.003 min

Lab File: VL040160.D

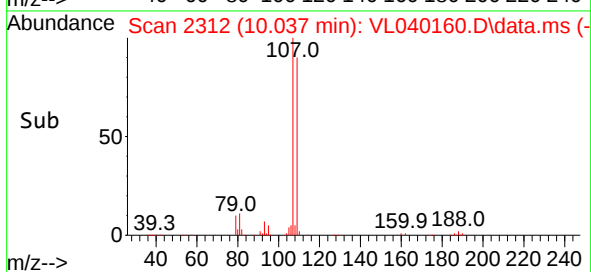
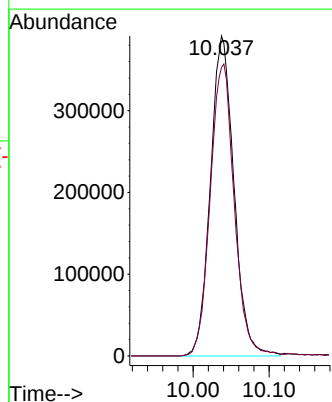
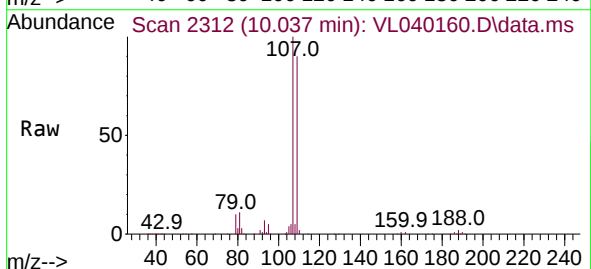
Acq: 13 Feb 2023 14:33

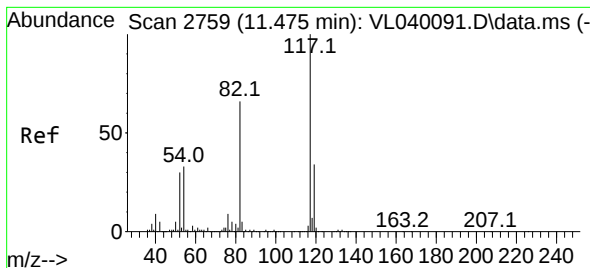
Tgt Ion: 107 Resp: 839675

Ion Ratio Lower Upper

107 100

109 90.1 75.0 112.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.500 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01

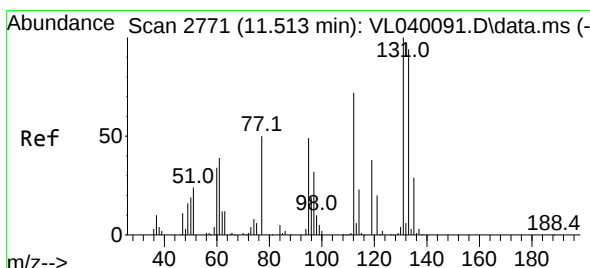
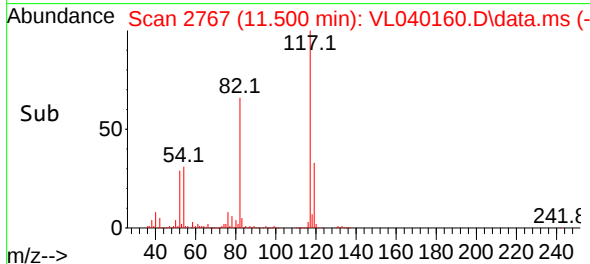
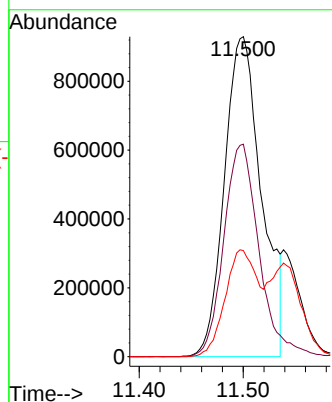
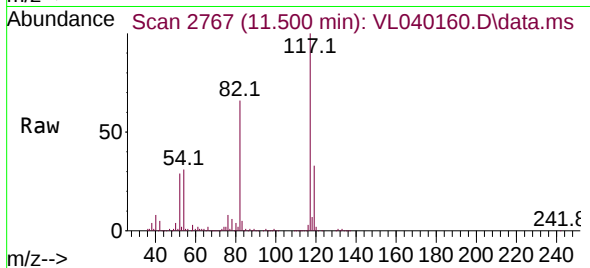
Tgt Ion:117 Resp: 2305573

Ion Ratio Lower Upper

117 100

82 63.3 54.4 81.6

119 31.4 26.8 40.2



#56

1,1,1,2-Tetrachloroethane

Concen: 10.157 ppbv

RT: 11.542 min Scan# 2780

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

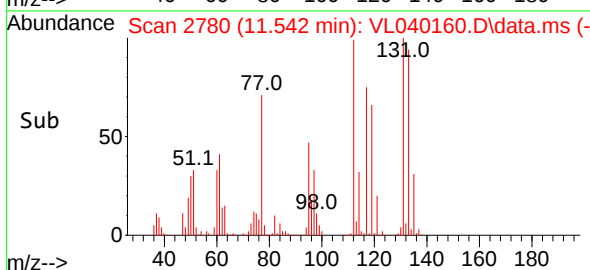
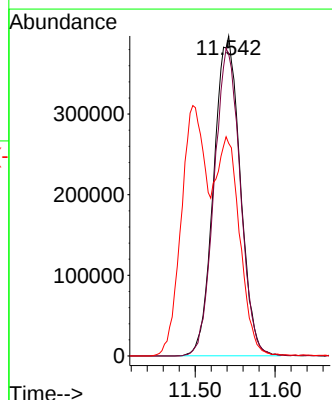
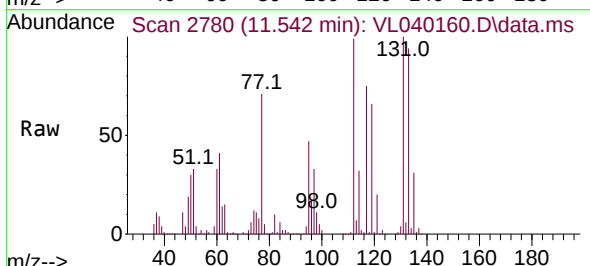
Tgt Ion:131 Resp: 911380

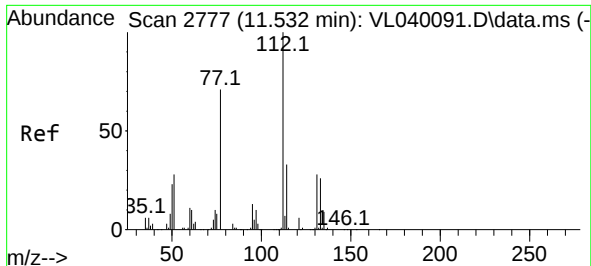
Ion Ratio Lower Upper

131 100

133 95.3 75.6 113.4

119 59.3 47.2 70.8

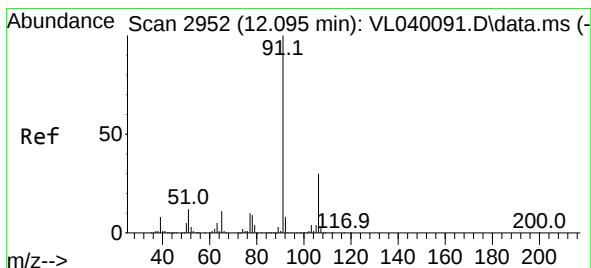
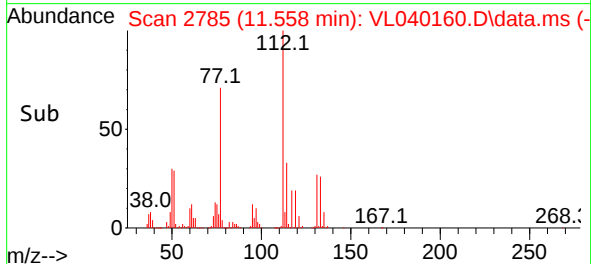
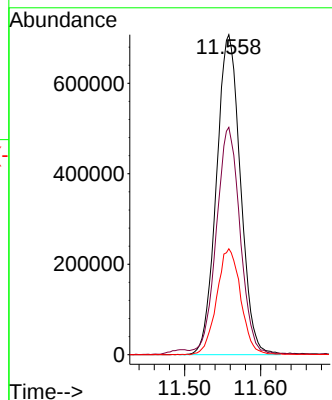
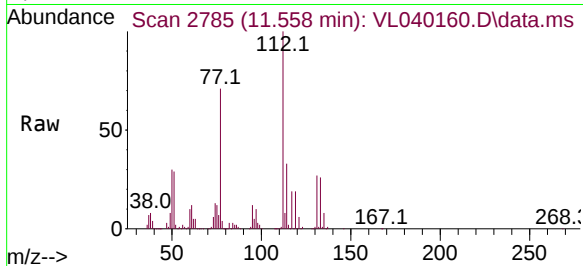




#57
Chlorobenzene
Concen: 9.860 ppbv
RT: 11.558 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

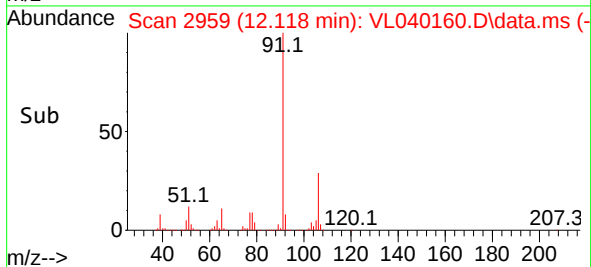
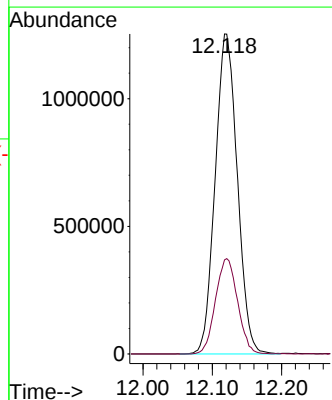
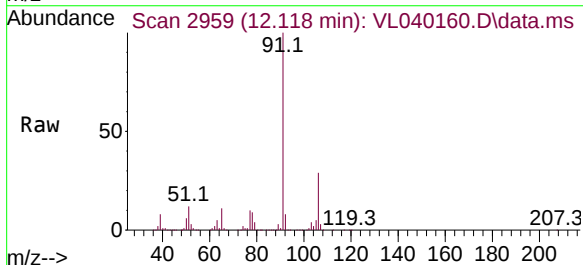
Instrument :
MSVOA_1
ClientSampleId :
VL0213ABS01

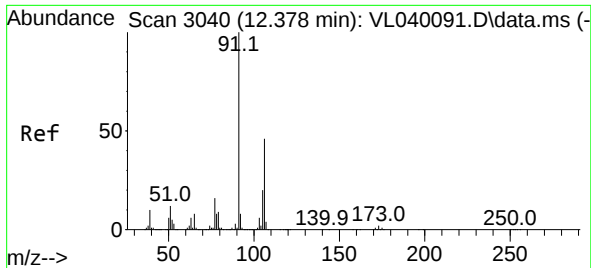
Tgt Ion:112 Resp: 1549551
Ion Ratio Lower Upper
112 100
77 70.6 57.3 85.9
114 33.1 29.6 36.2



#58
Ethyl Benzene
Concen: 10.817 ppbv
RT: 12.118 min Scan# 2959
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 91 Resp: 2783231
Ion Ratio Lower Upper
91 100
106 29.4 23.7 35.5

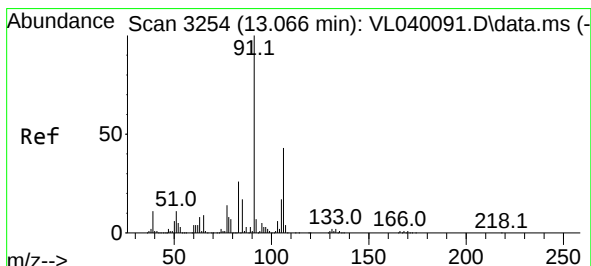
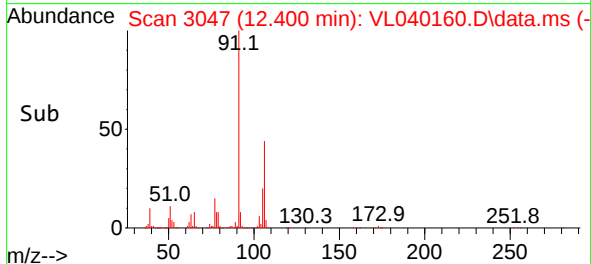
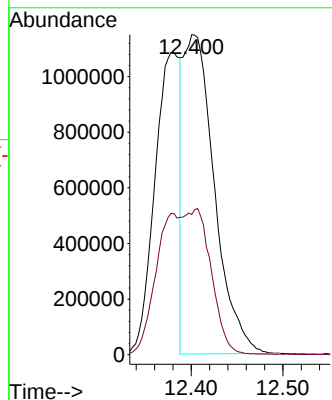
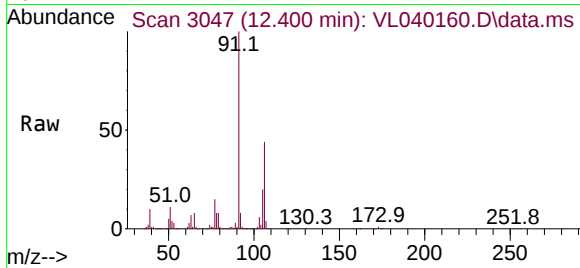




#59
m/p-Xylene
Concen: 11.723 ppbv
RT: 12.400 min Scan# 3040
Delta R.T. -0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

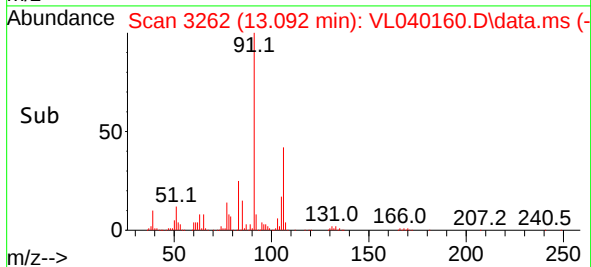
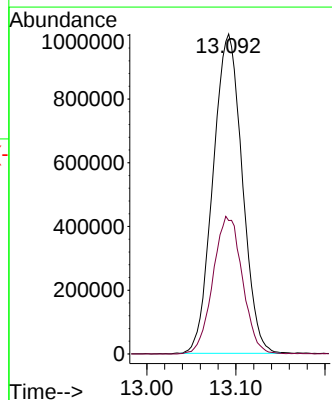
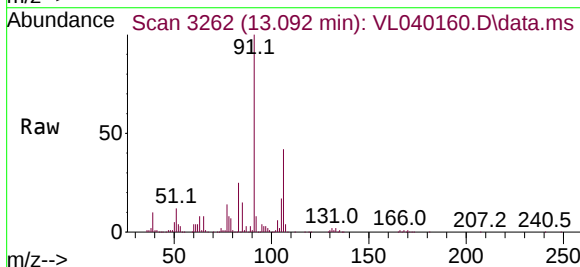
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

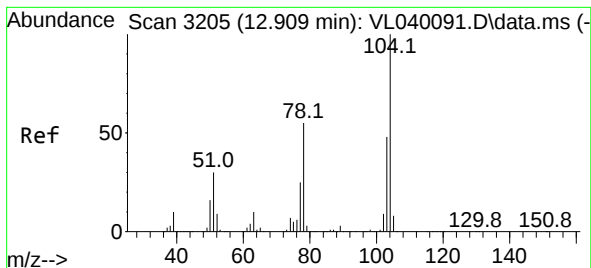
Tgt Ion: 91 Resp: 2711891
Ion Ratio Lower Upper
91 100
106 75.9 34.2 51.4#



#60
o-Xylene
Concen: 10.396 ppbv
RT: 13.092 min Scan# 3262
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 91 Resp: 2282836
Ion Ratio Lower Upper
91 100
106 43.4 21.6 64.8





#61

Styrene

Concen: 11.346 ppbv

RT: 12.931 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01

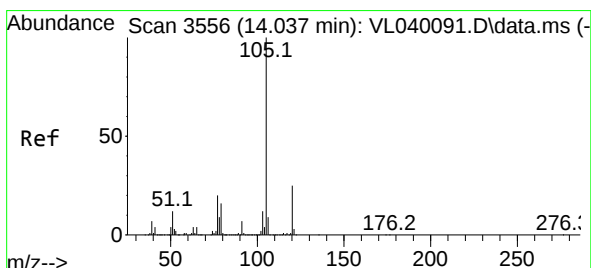
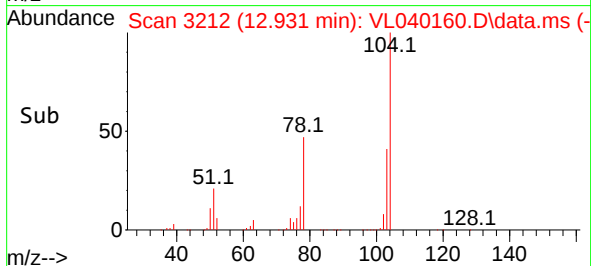
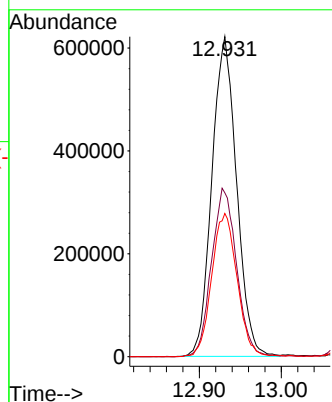
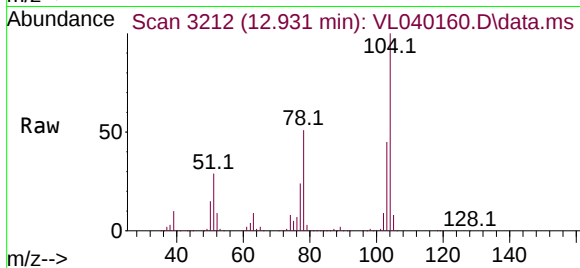
Tgt Ion:104 Resp: 1298207

Ion Ratio Lower Upper

104 100

78 53.7 44.0 66.0

103 46.4 37.8 56.6



#62

Isopropylbenzene

Concen: 10.044 ppbv

RT: 14.063 min Scan# 3564

Delta R.T. 0.003 min

Lab File: VL040160.D

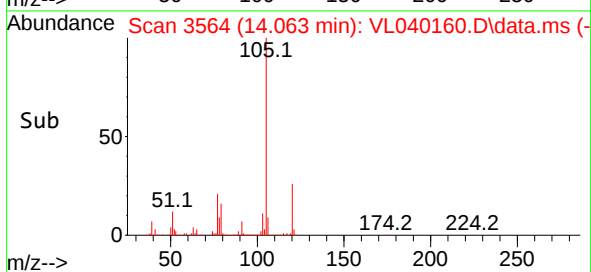
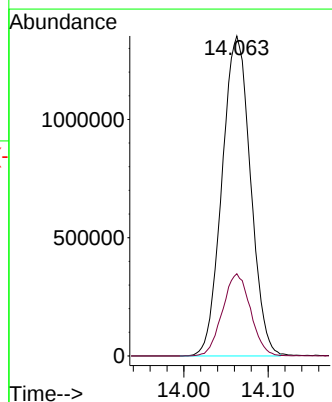
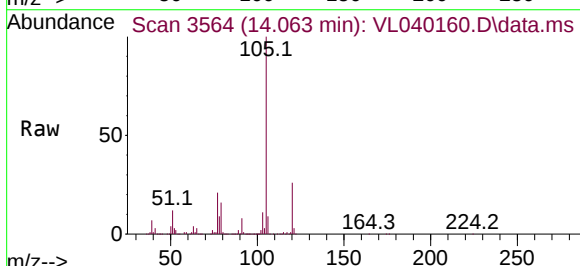
Acq: 13 Feb 2023 14:33

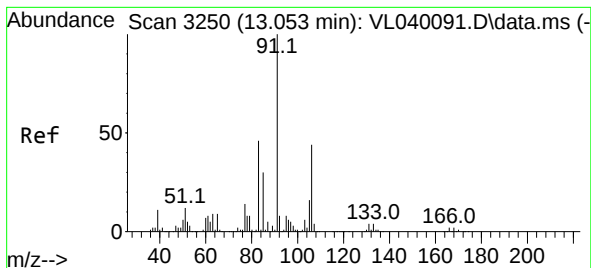
Tgt Ion:105 Resp: 3172229

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.2

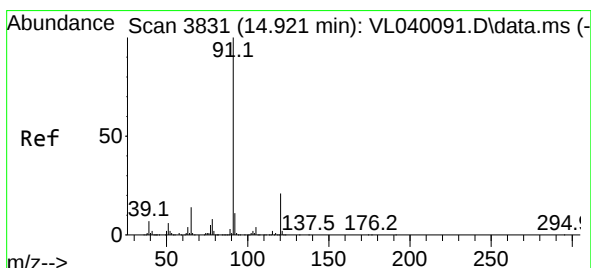
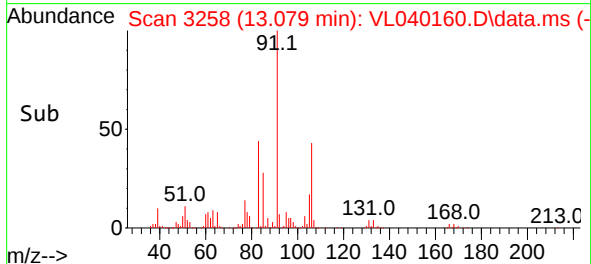
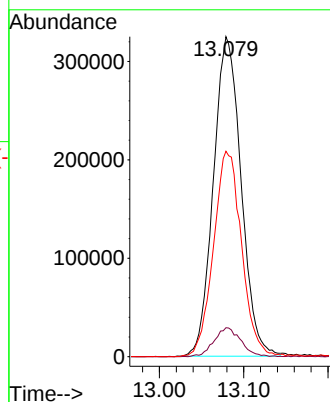
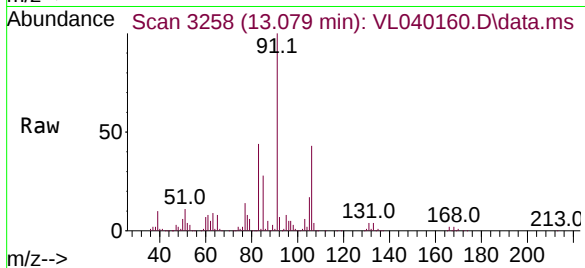




#63
1,1,2,2-Tetrachloroethane
Concen: 9.298 ppbv
RT: 13.079 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

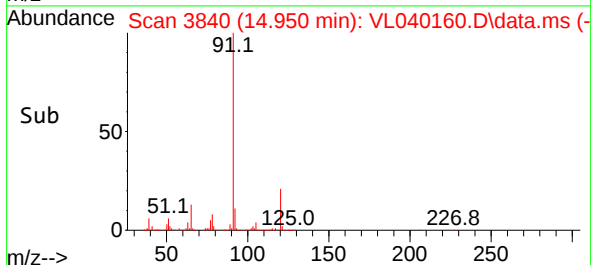
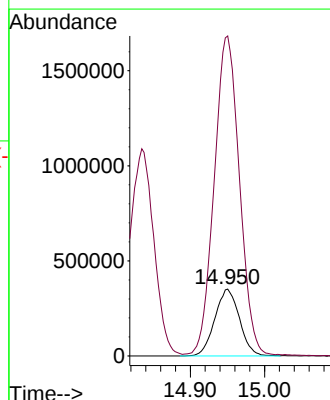
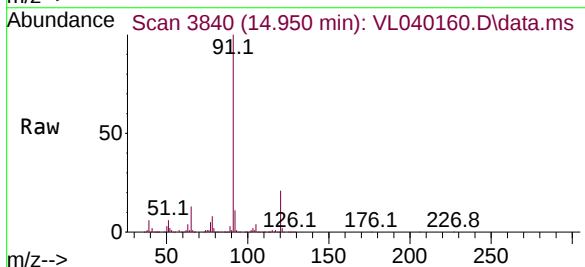
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

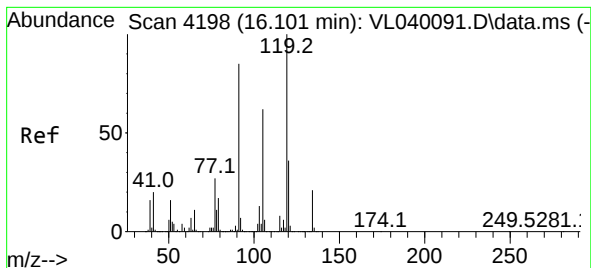
Tgt Ion: 83 Resp: 741366
Ion Ratio Lower Upper
83 100
131 8.8 4.3 13.1
85 65.9 32.5 97.5



#64
n-propylbenzene
Concen: 10.328 ppbv
RT: 14.950 min Scan# 3840
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 120 Resp: 810872
Ion Ratio Lower Upper
120 100
91 493.8 397.0 595.4

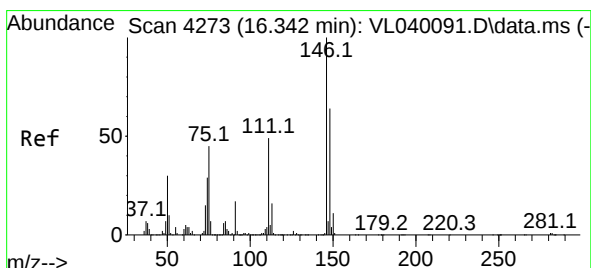
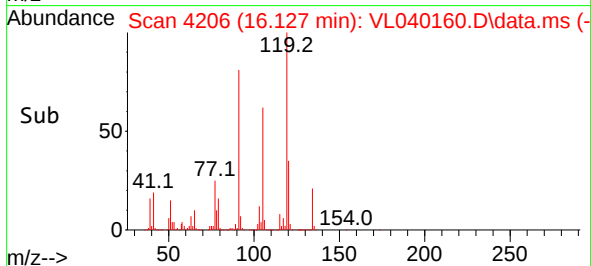
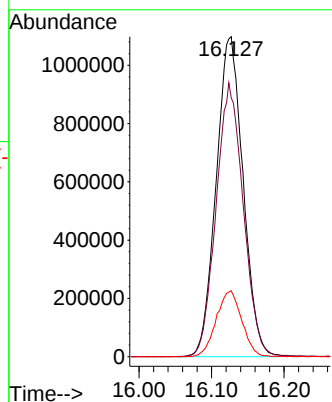
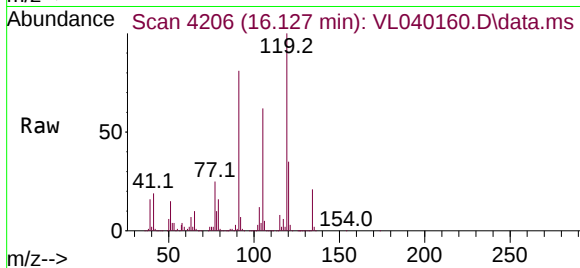




#65
tert-Butylbenzene
Concen: 10.462 ppbv
RT: 16.127 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

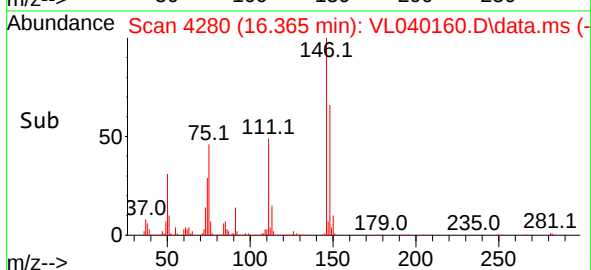
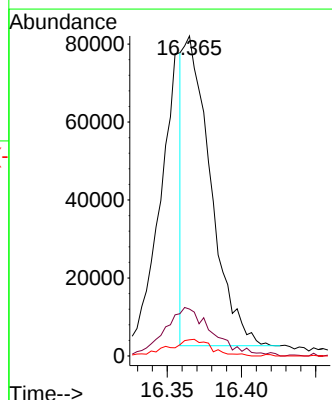
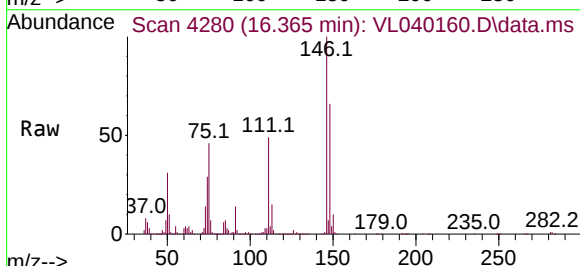
Instrument :
MSVOA_1
ClientSampleId :
VL0213ABS01

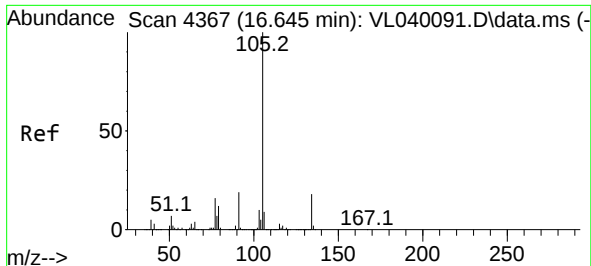
Tgt Ion:119 Resp: 2829034
Ion Ratio Lower Upper
119 100
91 86.2 69.5 104.3
134 19.6 15.8 23.8



#66
Benzyl Chloride
Concen: 5.505 ppbv
RT: 16.365 min Scan# 4280
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion: 91 Resp: 101728
Ion Ratio Lower Upper
91 100
126 27.8 11.5 17.3#
128 8.5 0.0 0.0#

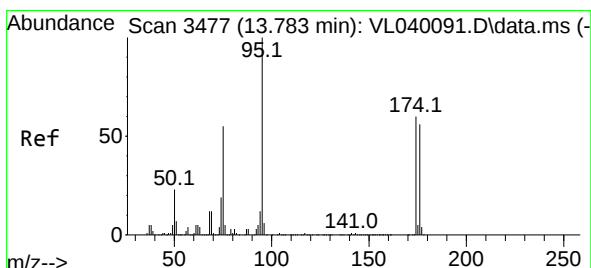
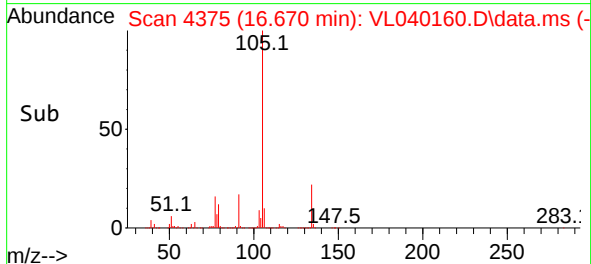
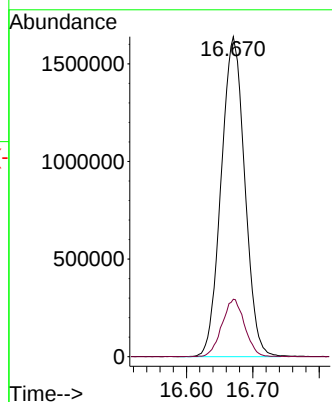
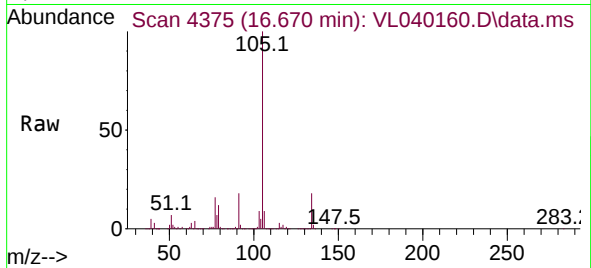




#67
 sec-Butylbenzene
 Concen: 10.543 ppbv
 RT: 16.670 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

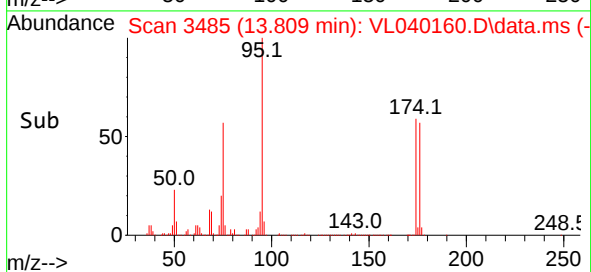
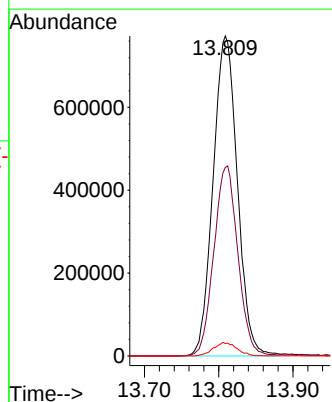
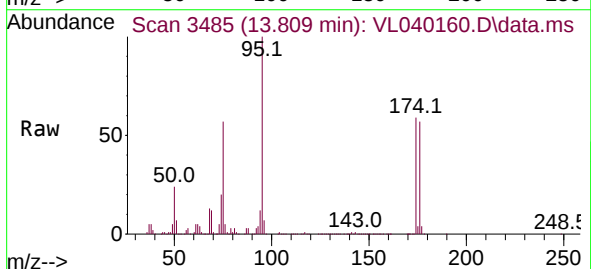
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0213ABS01

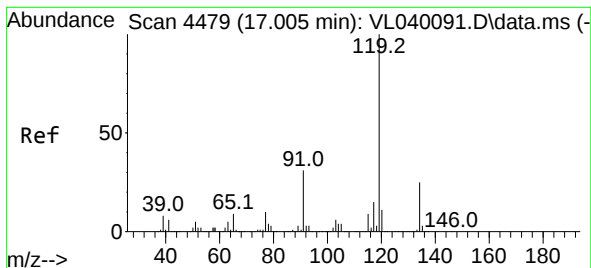
Tgt Ion:105 Resp: 4041756
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.166 ppbv
 RT: 13.809 min Scan# 3485
 Delta R.T. 0.003 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

Tgt Ion: 95 Resp: 1756378
 Ion Ratio Lower Upper
 95 100
 174 58.9 47.7 71.5
 175 4.1 3.4 5.2





#69

p-Isopropyltoluene

Concen: 10.780 ppbv

RT: 17.031 min Scan# 4479

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01

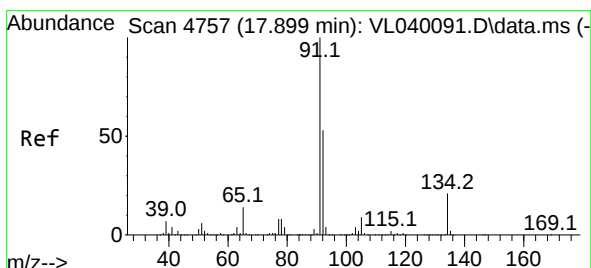
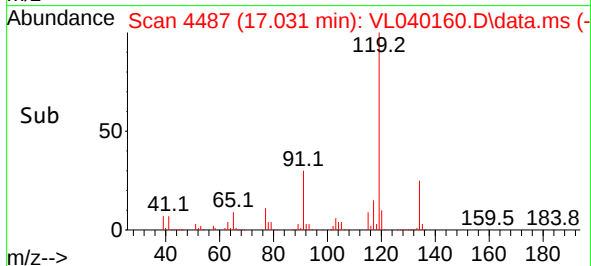
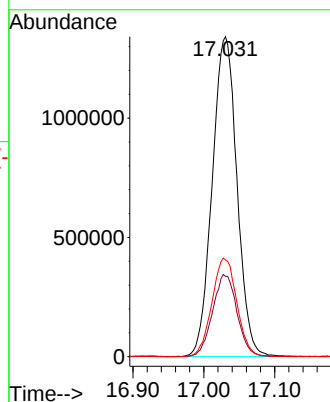
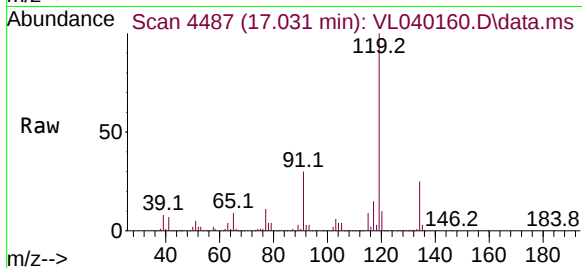
Tgt Ion:119 Resp: 3247401

Ion Ratio Lower Upper

119 100

134 25.5 20.1 30.1

91 31.1 25.0 37.4



#70

n-Butylbenzene

Concen: 10.921 ppbv

RT: 17.921 min Scan# 4764

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

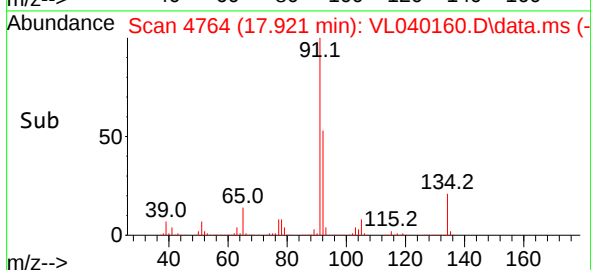
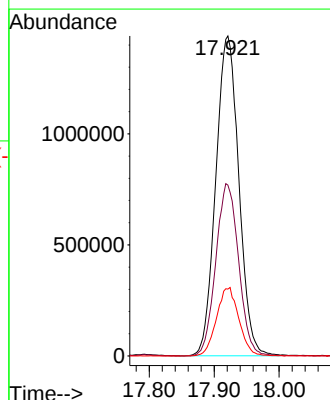
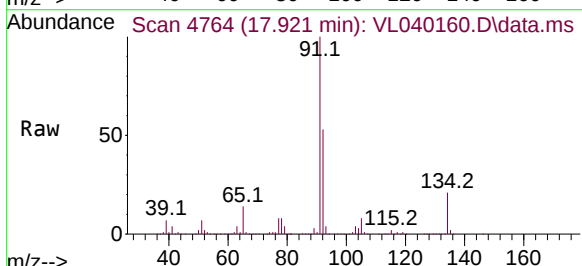
Tgt Ion: 91 Resp: 3547749

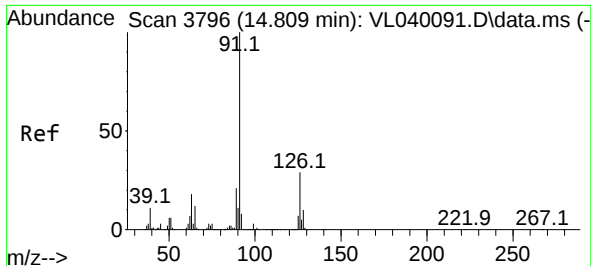
Ion Ratio Lower Upper

91 100

92 53.4 42.8 64.2

134 20.8 16.9 25.3

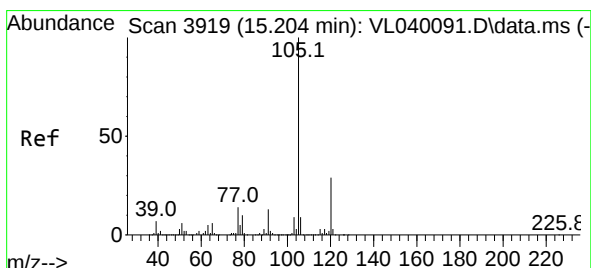
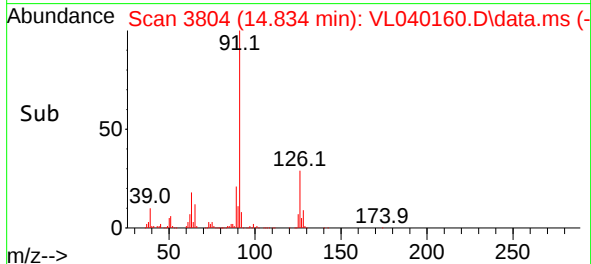
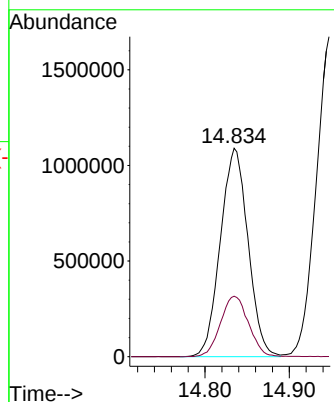
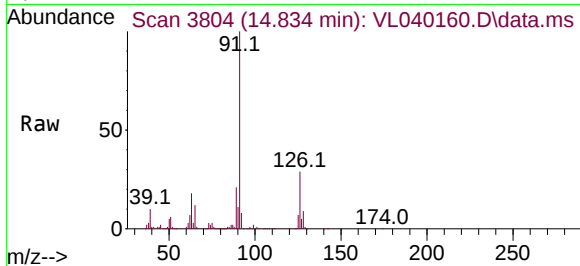




#71
2-Chlorotoluene
Concen: 10.211 ppbv
RT: 14.834 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

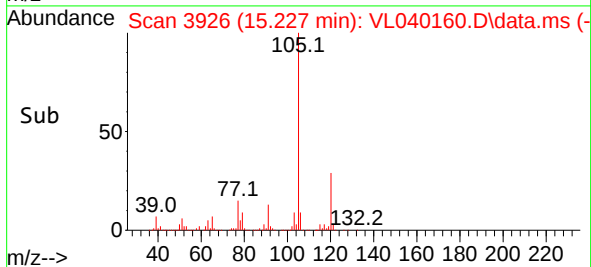
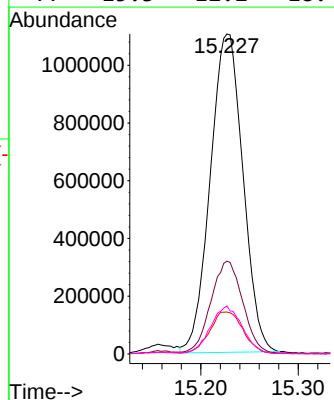
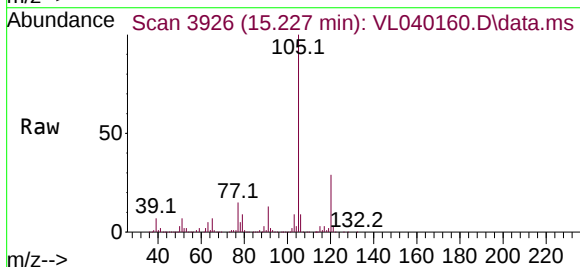
Instrument :
MSVOA_L
ClientSampleId :
VL0213ABS01

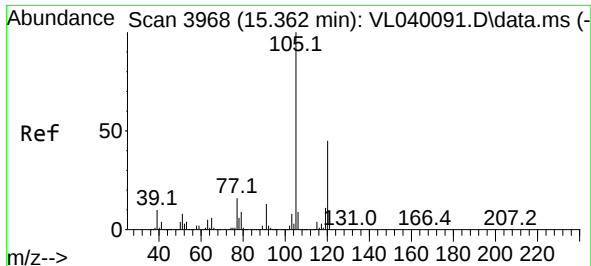
Tgt Ion: 91 Resp: 2480277
Ion Ratio Lower Upper
91 100
126 29.5 11.9 47.5



#72
4-Ethyltoluene
Concen: 10.542 ppbv
RT: 15.227 min Scan# 3926
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion:105 Resp: 2568745
Ion Ratio Lower Upper
105 100
120 28.9 23.1 34.7
91 13.7 11.2 16.8
77 15.3 12.2 18.4

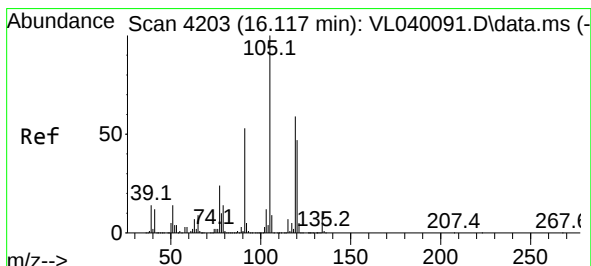
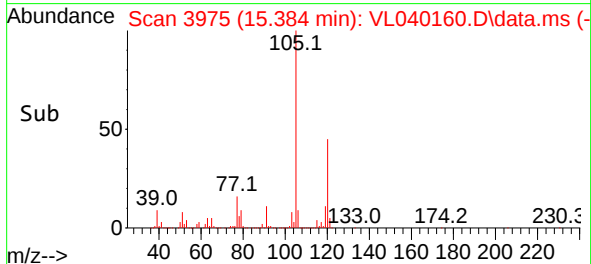
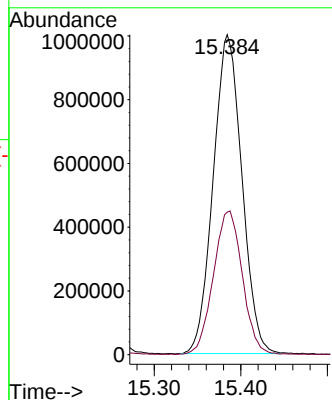
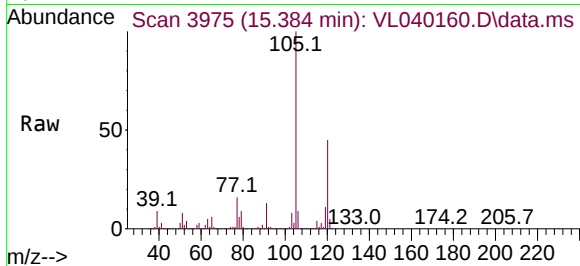




#73
 1,3,5-Trimethylbenzene
 Concen: 10.490 ppbv
 RT: 15.384 min Scan# 3968
 Delta R.T. 0.000 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

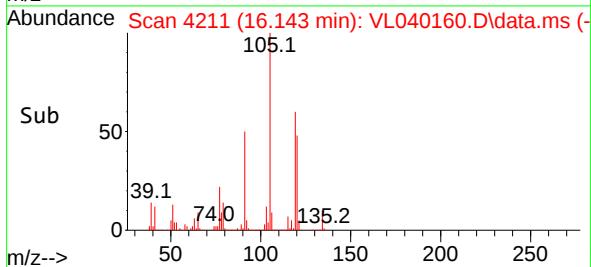
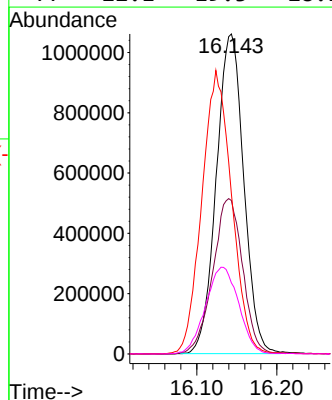
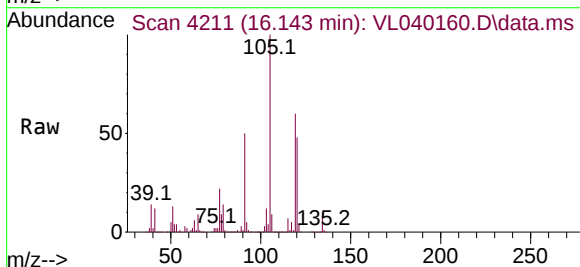
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0213ABS01

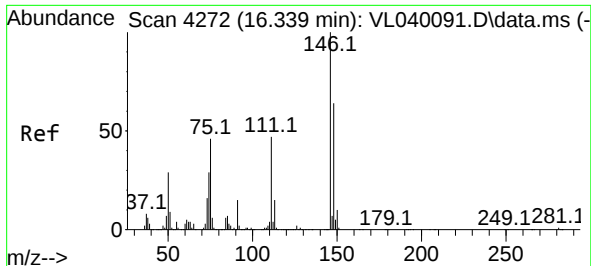
Tgt Ion:105 Resp: 2301412
 Ion Ratio Lower Upper
 105 100
 120 44.5 36.2 54.4



#74
 1,2,4-Trimethylbenzene
 Concen: 10.401 ppbv
 RT: 16.143 min Scan# 4211
 Delta R.T. 0.003 min
 Lab File: VL040160.D
 Acq: 13 Feb 2023 14:33

Tgt Ion:105 Resp: 2527772
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.0 57.0
 91 49.8 42.1 63.1
 77 22.1 19.3 28.9

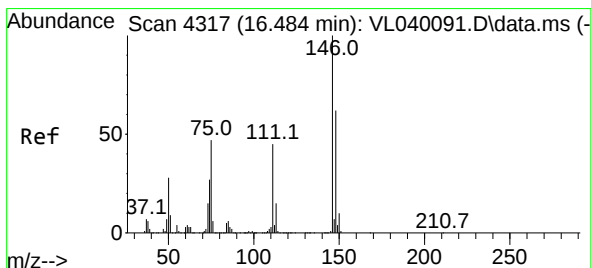
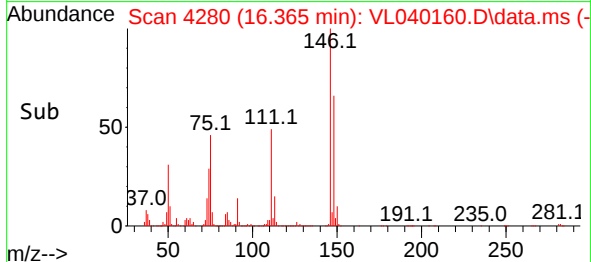
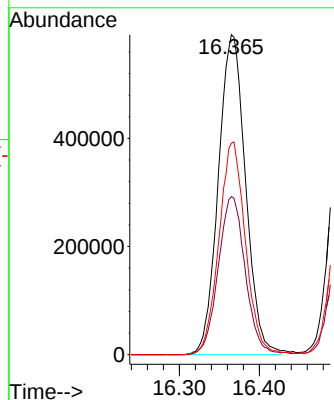
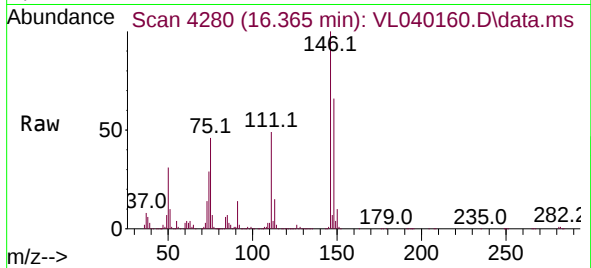




#75
1,3-Dichlorobenzene
Concen: 10.351 ppbv
RT: 16.365 min Scan# 4324
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

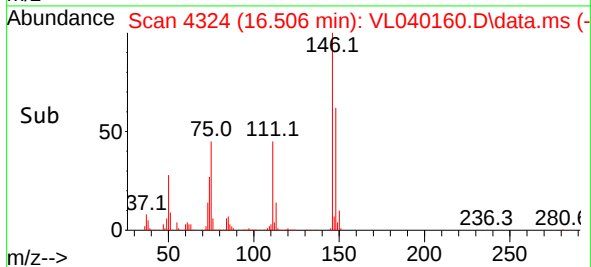
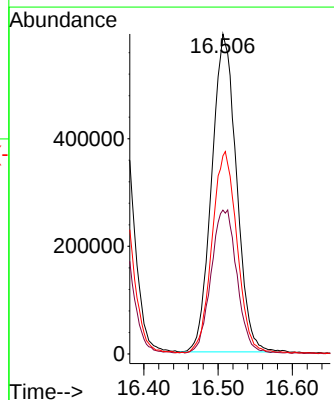
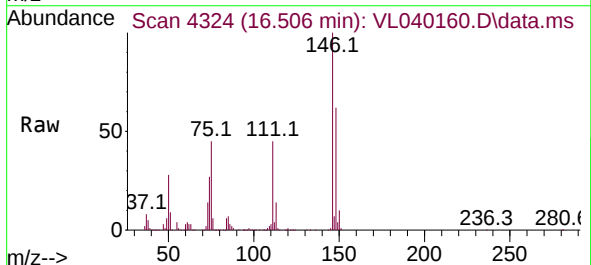
Instrument :
MSVOA_1
ClientSampleId :
VL0213ABS01

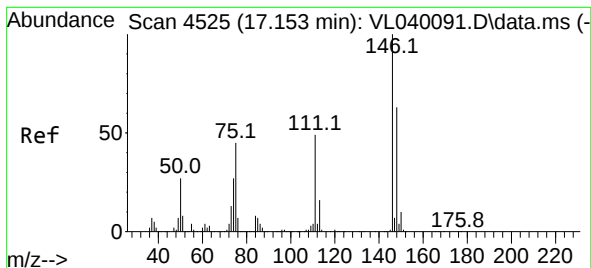
Tgt Ion:146 Resp: 1397107
Ion Ratio Lower Upper
146 100
111 49.3 24.3 73.0
148 64.9 32.3 96.8



#76
1,4-Dichlorobenzene
Concen: 10.322 ppbv
RT: 16.506 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion:146 Resp: 1369811
Ion Ratio Lower Upper
146 100
111 48.1 23.8 71.2
148 64.3 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 10.666 ppbv

RT: 17.175 min Scan# 4532

Delta R.T. 0.000 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01

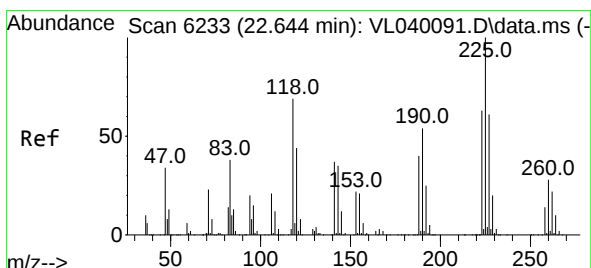
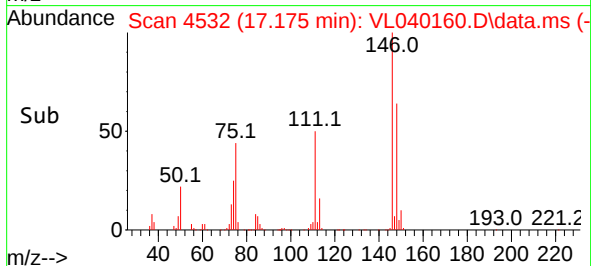
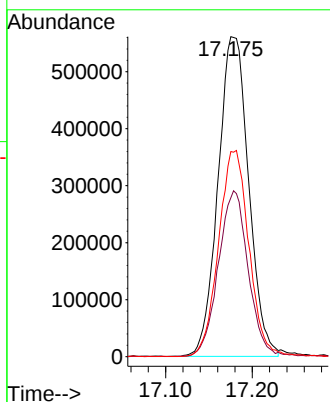
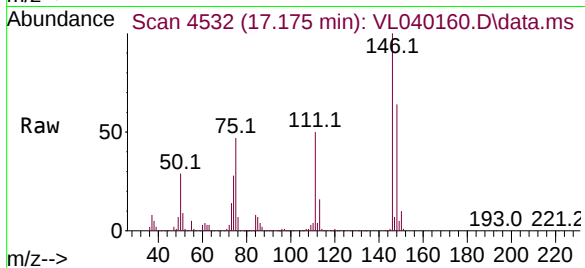
Tgt Ion:146 Resp: 1376800

Ion Ratio Lower Upper

146 100

111 51.0 25.1 75.2

148 64.2 32.4 97.0



#78

Hexachloro-1,3-Butadiene

Concen: 9.695 ppbv

RT: 22.673 min Scan# 6242

Delta R.T. 0.003 min

Lab File: VL040160.D

Acq: 13 Feb 2023 14:33

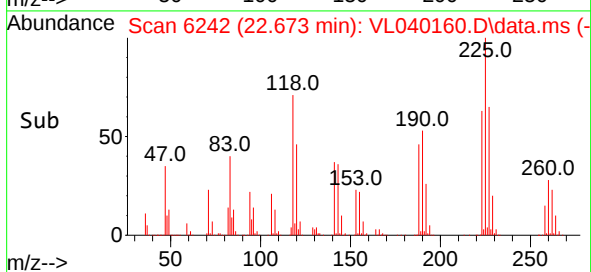
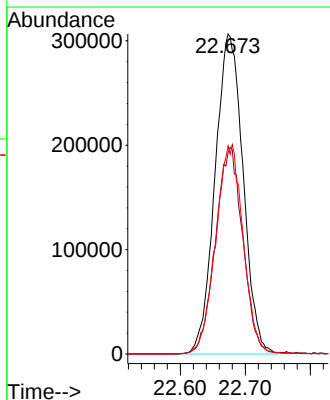
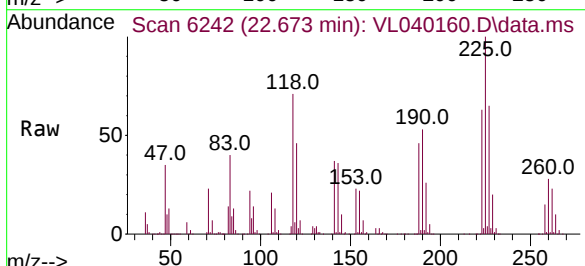
Tgt Ion:225 Resp: 916611

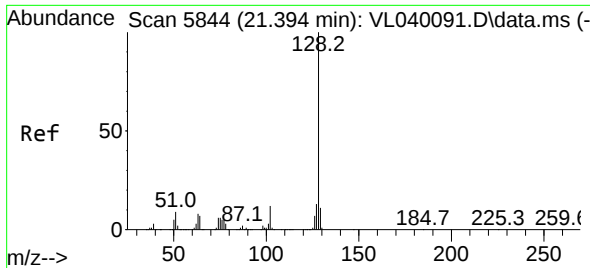
Ion Ratio Lower Upper

225 100

223 63.2 51.5 77.3

227 64.5 50.6 76.0

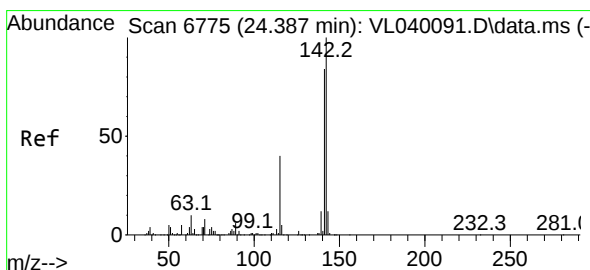
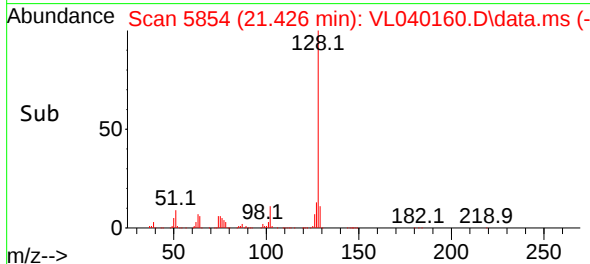
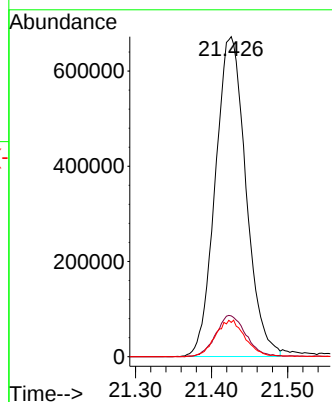
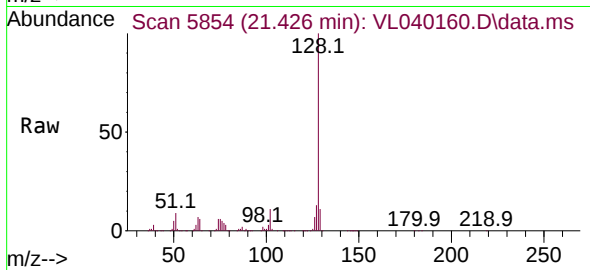




#79
Naphthalene
Concen: 13.486 ppbv
RT: 21.426 min Scan# 5854
Delta R.T. 0.003 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

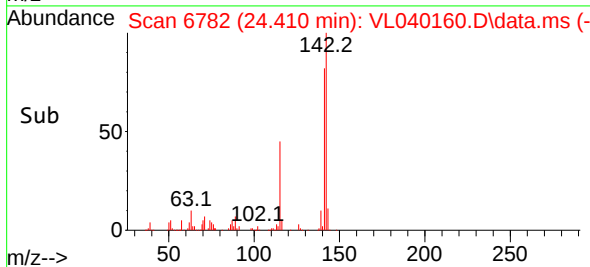
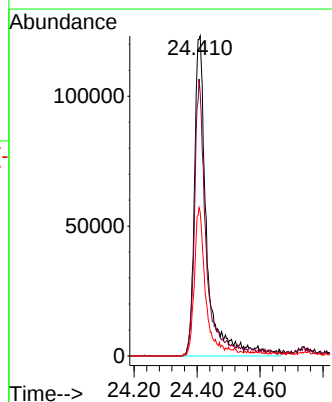
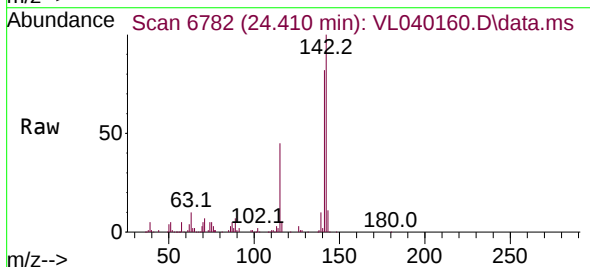
Instrument :
MSVOA_1
ClientSampleId :
VL0213ABS01

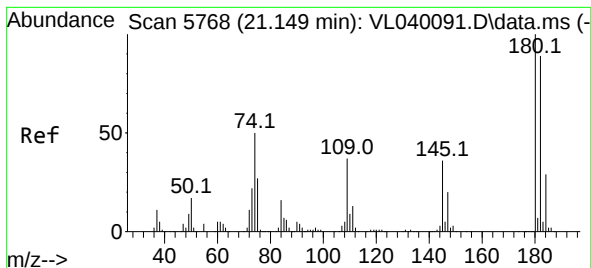
Tgt Ion:128 Resp: 1877540
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 7.209 ppbv
RT: 24.410 min Scan# 6782
Delta R.T. 0.006 min
Lab File: VL040160.D
Acq: 13 Feb 2023 14:33

Tgt Ion:142 Resp: 338203
Ion Ratio Lower Upper
142 100
141 80.1 65.0 97.6
115 44.1 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 11.467 ppbv

RT: 21.178 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040160.D

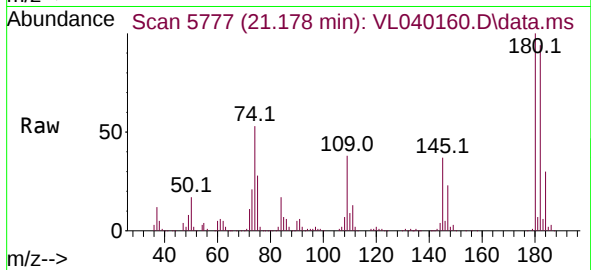
Acq: 13 Feb 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

VL0213ABS01



Tgt Ion:180 Resp: 983974

Ion Ratio Lower Upper

180 100

182 97.9 78.6 117.8

184 31.0 25.1 37.7

