

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091423\
 Data File : VL040690.D
 Acq On : 14 Sep 2023 19:08
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL091423

Quant Time: Sep 15 05:53:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Sep 14 19:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1236451	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3181242	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2916525	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2327009	10.327	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	2428390	8.914	ppbv	100
3) Chlorodifluoromethane	2.664	51	1794015	8.906	ppbv	98
4) Chloromethane	2.803	50	689797	8.945	ppbv	96
5) Vinyl Chloride	2.909	62	765225	8.396	ppbv	97
6) Bromomethane	3.108	94	403219	9.170	ppbv	94
7) Chloroethane	3.189	64	292757	9.352	ppbv	97
8) Dichlorotetrafluoroethane	2.844	85	1980176	8.805	ppbv	99
9) Propene	2.684	41	542296	9.345	ppbv	100
10) Heptane	7.571	43	1303808	9.971	ppbv	97
11) Trichlorofluoromethane	3.552	101	2103616	8.784	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.057	101	1543756	9.011	ppbv	99
13) Ethanol	3.230	45	127570	7.427	ppbv	96
14) Bromoethene	3.356	108	664638	9.250	ppbv	99
15) Acetone	3.455	43	1380560	8.465	ppbv	99
16) 1,3-Butadiene	2.973	39	702778	9.887	ppbv	99
17) tert-Butyl alcohol	3.867	59	1590210	9.519	ppbv	100
18) 1,1-Dichloroethene	3.870	96	710769	9.334	ppbv	95
19) Isopropyl Alcohol	3.565	45	944930	9.616	ppbv #	98
20) Methylene Chloride	3.922	84	597698	6.809	ppbv	95
21) Allyl Chloride	3.986	41	951431	9.519	ppbv	98
22) trans-1,2-Dichloroethene	4.436	96	708661	9.412	ppbv	100
23) Vinyl Acetate	4.616	43	1603884	9.509	ppbv	99
24) 1,1-Dichloroethane	4.552	63	1426023	9.034	ppbv	99
25) Ethyl Acetate	5.195	43	2472518	9.400	ppbv	99
26) Hexane	5.201	57	1084561	8.720	ppbv	98
27) Carbon Disulfide	4.115	76	1768380	10.195	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	1003675	9.379	ppbv	100
29) Chloroform	5.266	83	1942171	9.044	ppbv	99
30) Cyclohexane	6.590	84	913979	9.758	ppbv	99
31) cis-1,2-Dichloroethene	5.069	61	1141479	9.892	ppbv	97
32) 1,1,1-Trichloroethane	5.992	97	1997194	9.097	ppbv	99
34) 2-Butanone	4.777	43	1485198	9.283	ppbv	99
35) Carbon Tetrachloride	6.484	117	2084719	9.544	ppbv	97
36) Benzene	6.362	78	2288266	9.713	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1503734	9.327	ppbv	99
38) Trichloroethene	7.285	130	943927	10.507	ppbv	96
39) 1,2-Dichloropropane	7.063	63	863524	9.523	ppbv	99
40) 1,4-Dioxane	7.278	88	343387	10.017	ppbv #	95
41) Tetrahydrofuran	5.545	42	818174	9.973	ppbv	99
42) Bromodichloromethane	7.243	83	2139588	9.726	ppbv	97
43) Methyl Methacrylate	7.465	69	934649	10.674	ppbv	99
44) 2,2,4-Trimethylpentane	7.317	57	3747197	9.990	ppbv	99
45) t-1,3-Dichloropropene	8.703	75	792733	11.675	ppbv	98

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 ICVVL091423

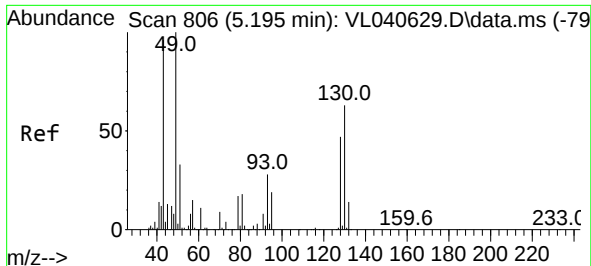
Quant Time: Sep 15 05:53:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Sep 14 19:50:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	951217	11.450	ppbv	99
47) 1,1,2-Trichloroethane	8.889	97	997954	9.590	ppbv	99
48) Dibromochloromethane	9.703	129	1778914	10.363	ppbv	99
49) Bromoform	12.400	173	1478905	10.490	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	2235547	10.341	ppbv	99
51) 2-Hexanone	9.542	43	1604561	10.753	ppbv #	98
52) Tetrachloroethene	10.609	164	795461	10.352	ppbv	95
53) Toluene	9.211	91	2658083	10.687	ppbv	100
54) 1,2-Dibromoethane	10.002	107	1418935	10.683	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.503	131	1312723	9.442	ppbv	95
57) Chlorobenzene	11.519	112	2126986	9.630	ppbv	98
58) Ethyl Benzene	12.079	91	3615196	10.872	ppbv	99
59) m/p-Xylene	12.368	91	3635526	11.644	ppbv #	47
60) o-Xylene	13.050	91	3129932	10.511	ppbv	100
61) Styrene	12.892	104	1505756	12.066	ppbv	99
62) Isopropylbenzene	14.021	105	4497865	10.004	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.040	83	2231007	9.560	ppbv	99
64) n-propylbenzene	14.908	120	1177619	10.476	ppbv	97
65) tert-Butylbenzene	16.085	119	4033735	9.996	ppbv	100
66) Benzyl Chloride	16.320	91	527624	11.204	ppbv	99
67) sec-Butylbenzene	16.625	105	5686994	9.845	ppbv	99
69) p-Isopropyltoluene	16.989	119	4583101	10.095	ppbv	99
70) n-Butylbenzene	17.876	91	4959800	9.926	ppbv	99
71) 2-Chlorotoluene	14.793	91	3476968	10.453	ppbv	99
72) 4-Ethyltoluene	15.185	105	3580210	10.722	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	3100173	10.311	ppbv	98
74) 1,2,4-Trimethylbenzene	16.101	105	3555980	9.701	ppbv	93
75) 1,3-Dichlorobenzene	16.323	146	2013351	9.641	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	1969734	9.586	ppbv	100
77) 1,2-Dichlorobenzene	17.137	146	1962134	9.433	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	1379783	8.767	ppbv	99
79) Naphthalene	21.371	128	2908581	12.752	ppbv	98
80) Naphthalene,2-methyl-	24.365	142	866188	15.505	ppbv	99
81) 1,2,4-Trichlorobenzene	21.133	180	1537975	10.322	ppbv	99

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

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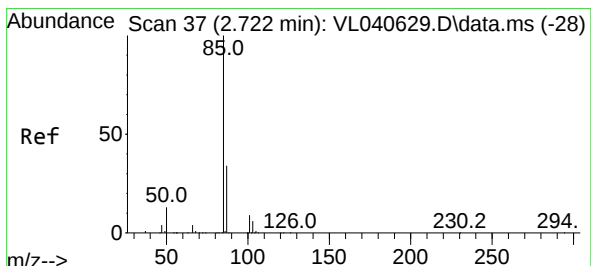
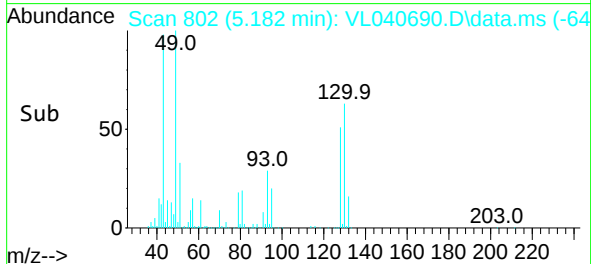
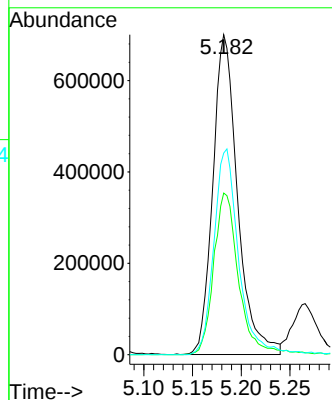
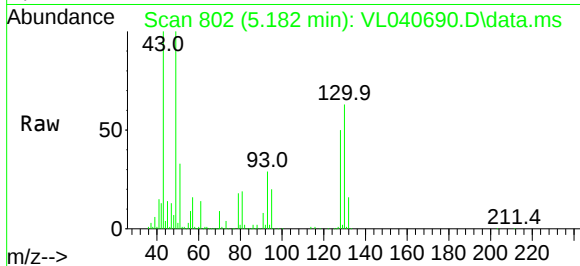
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

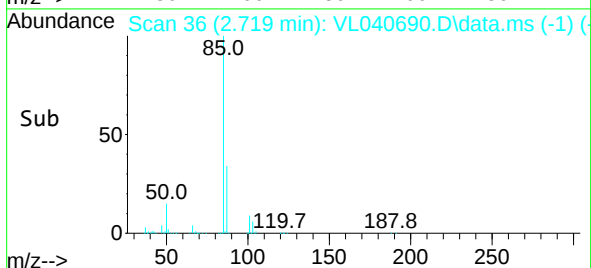
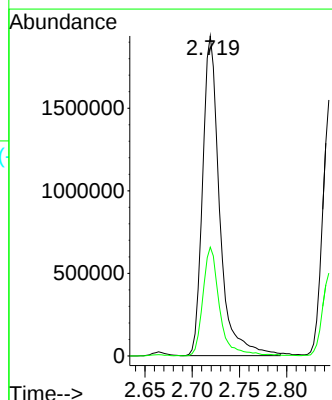
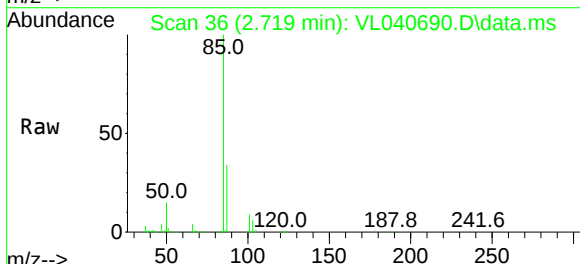
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ClientSampleId :
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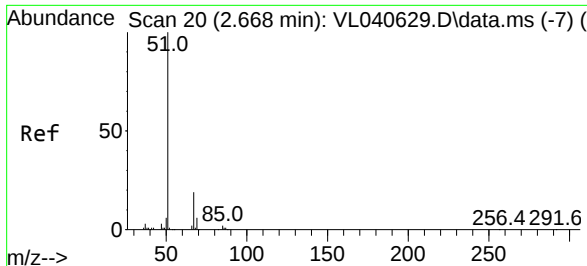
Tgt Ion: 49 Resp: 1236451
Ion Ratio Lower Upper
49 100
128 51.8 25.4 76.0
130 65.0 32.3 96.8



#2
Dichlorodifluoromethane
Concen: 8.914 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 85 Resp: 2428390
Ion Ratio Lower Upper
85 100
87 34.0 27.2 40.8

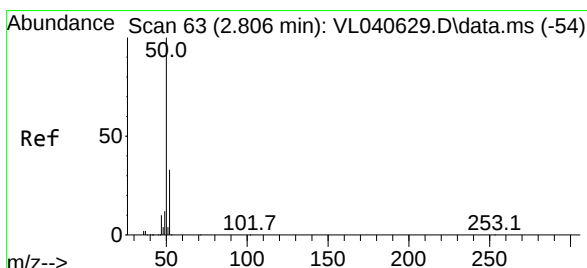
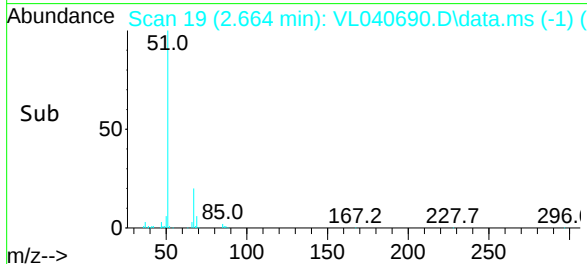
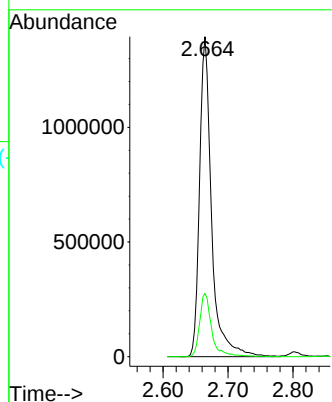
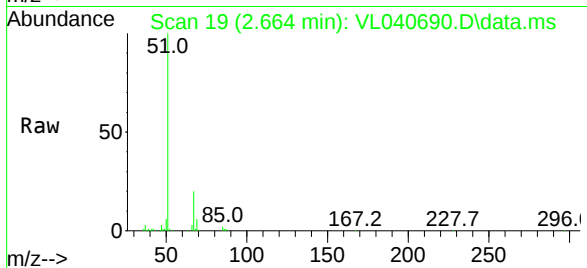




#3
Chlorodifluoromethane
Concen: 8.906 ppbv
RT: 2.664 min Scan# 19
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

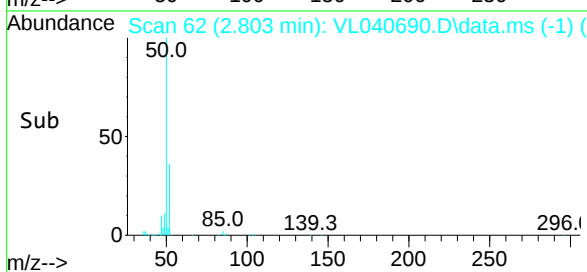
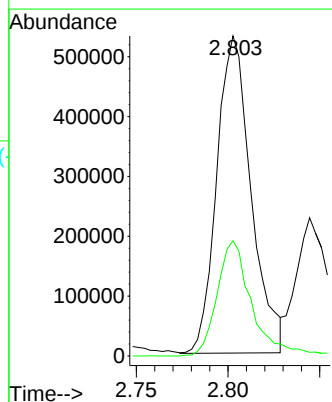
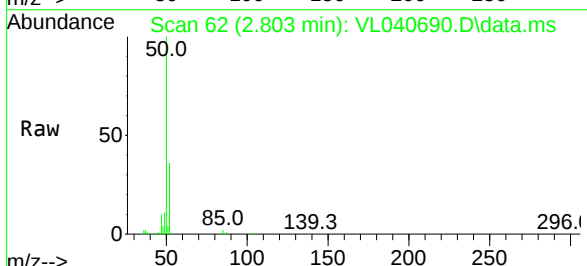
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ClientSampleId :
ICVVL091423

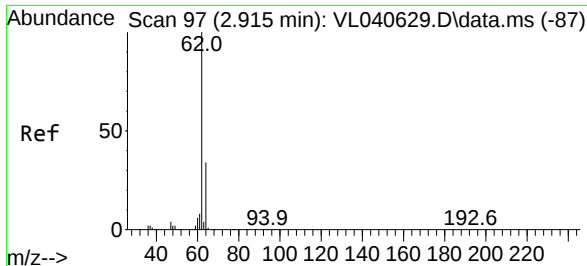
Tgt Ion: 51 Resp: 1794015
Ion Ratio Lower Upper
51 100
67 20.0 16.7 25.1



#4
Chloromethane
Concen: 8.945 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 50 Resp: 689797
Ion Ratio Lower Upper
50 100
52 36.4 27.1 40.7

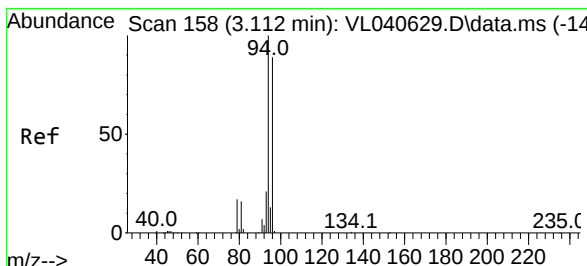
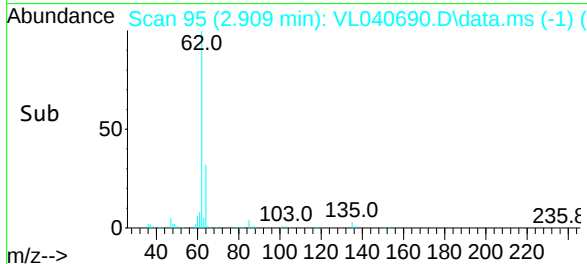
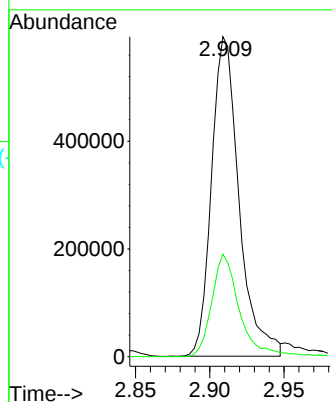
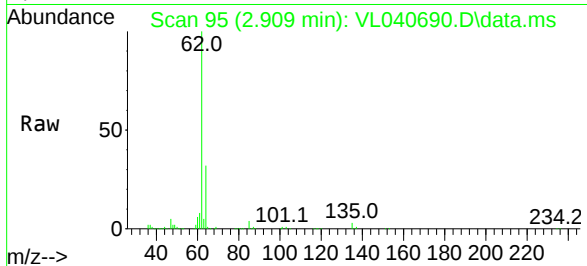




#5
 Vinyl Chloride
 Concen: 8.396 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

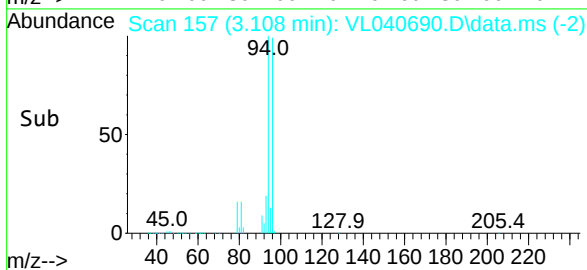
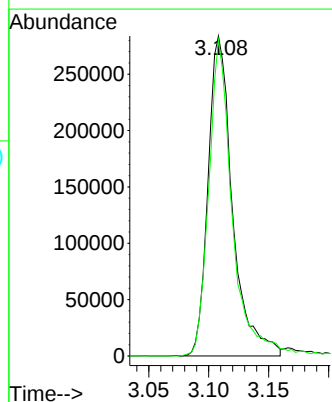
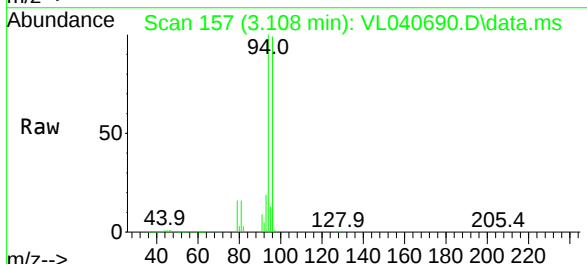
Instrument :
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 ClientSampleId :
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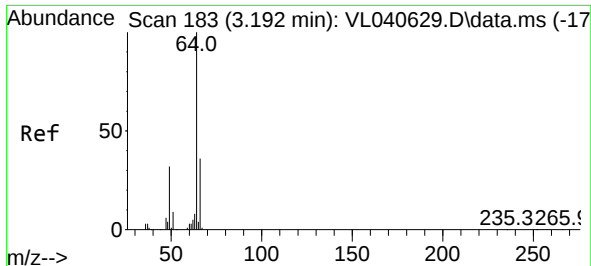
Tgt Ion: 62 Resp: 765225
 Ion Ratio Lower Upper
 62 100
 64 32.1 27.2 40.8



#6
 Bromomethane
 Concen: 9.170 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

Tgt Ion: 94 Resp: 403219
 Ion Ratio Lower Upper
 94 100
 96 98.8 74.4 111.6

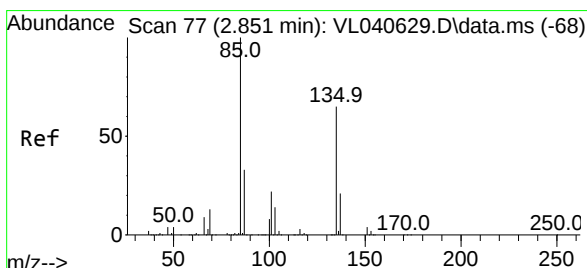
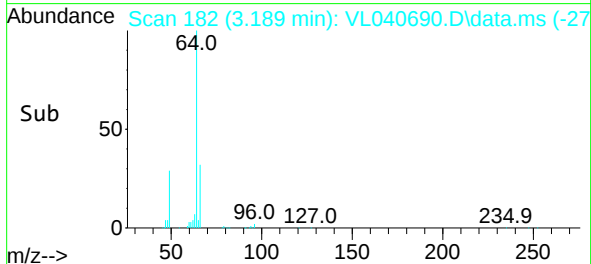
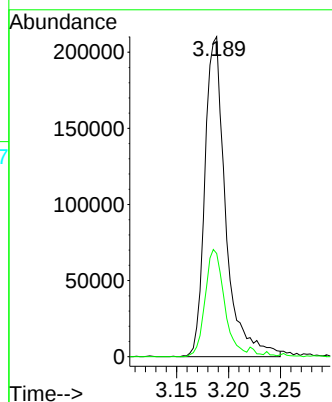
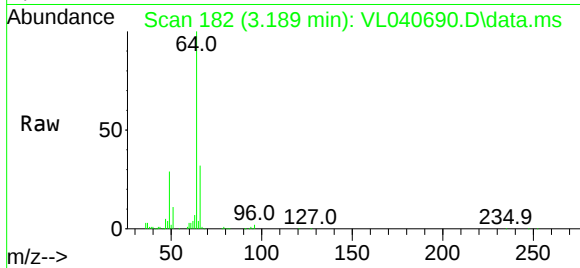




#7
Chloroethane
Concen: 9.352 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

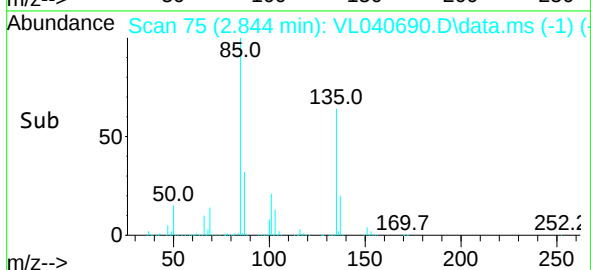
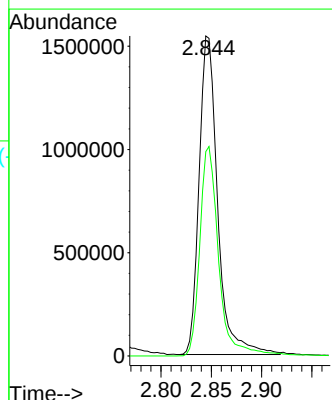
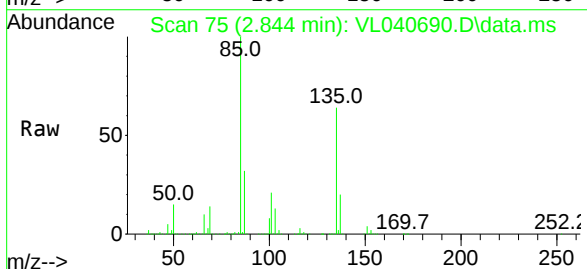
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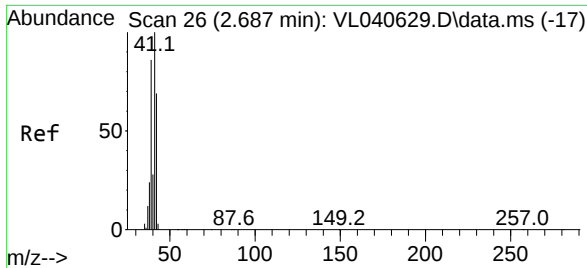
Tgt Ion: 64 Resp: 292757
Ion Ratio Lower Upper
64 100
66 32.3 24.5 36.7



#8
Dichlorotetrafluoroethane
Concen: 8.805 ppbv
RT: 2.844 min Scan# 75
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 85 Resp: 1980176
Ion Ratio Lower Upper
85 100
135 67.3 53.4 80.2

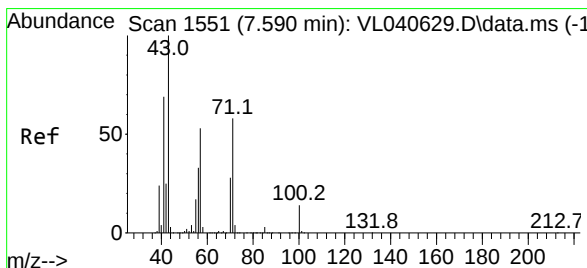
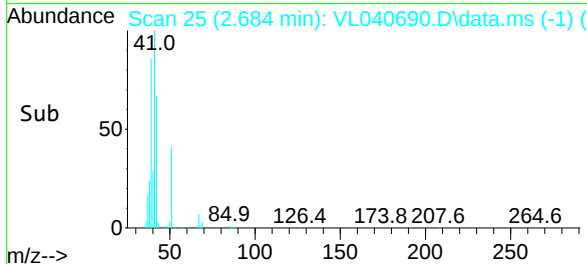
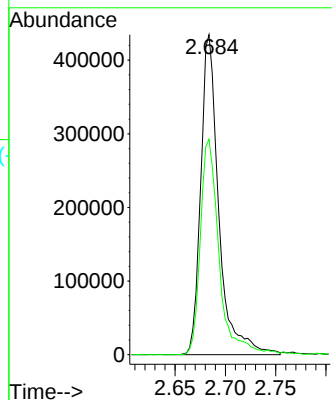
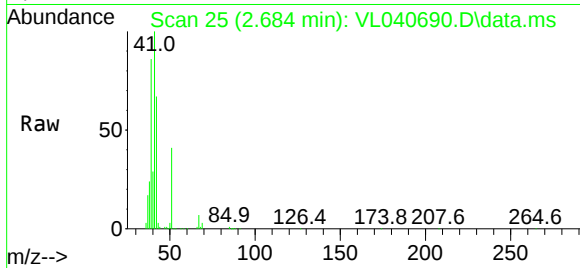




#9
 Propene
 Concen: 9.345 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

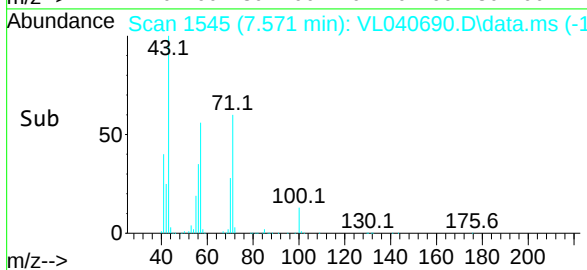
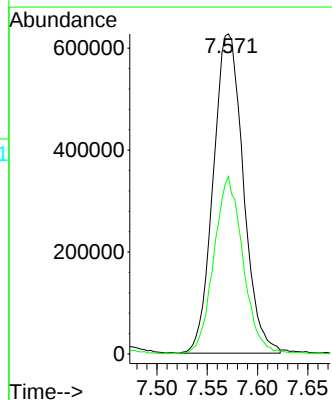
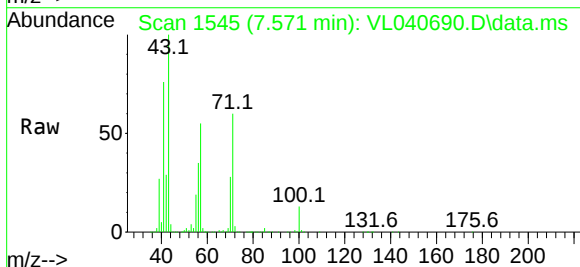
Instrument :
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 ClientSampleId :
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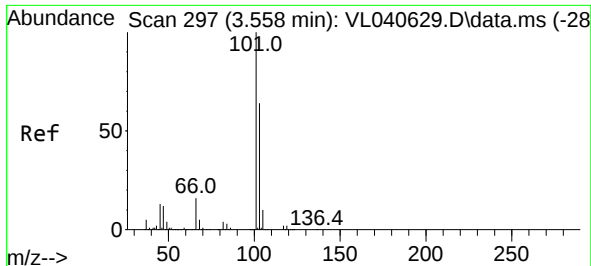
Tgt Ion: 41 Resp: 542296
 Ion Ratio Lower Upper
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 42 70.7 56.7 85.1



#10
 Heptane
 Concen: 9.971 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. -0.003 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

Tgt Ion: 43 Resp: 1303808
 Ion Ratio Lower Upper
 43 100
 57 54.1 41.8 62.6

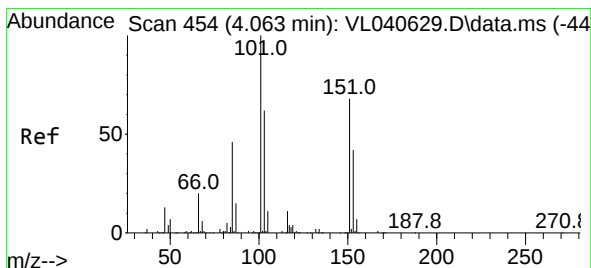
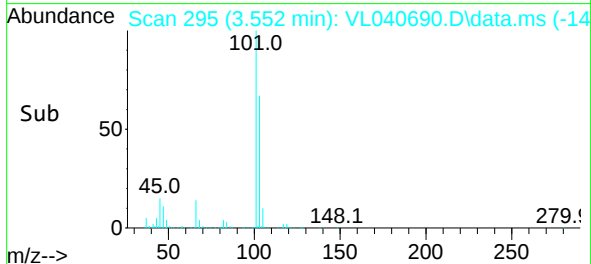
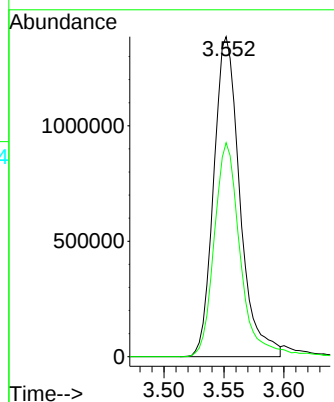
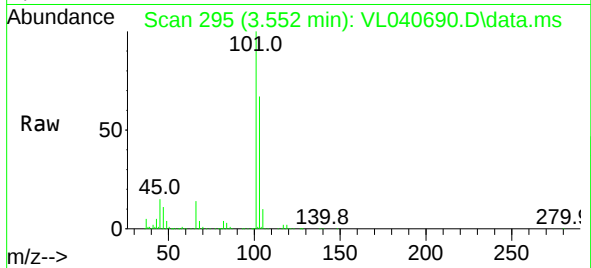




#11
 Trichlorofluoromethane
 Concen: 8.784 ppbv
 RT: 3.552 min Scan# 297
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

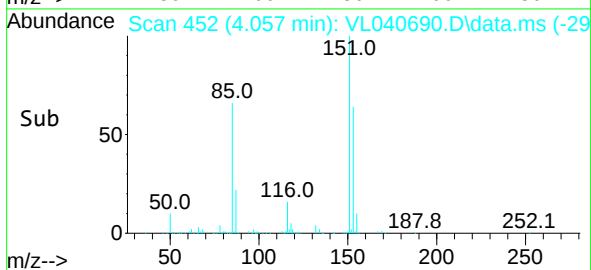
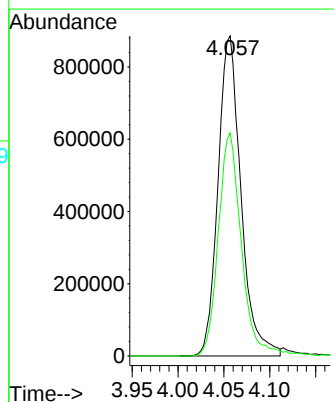
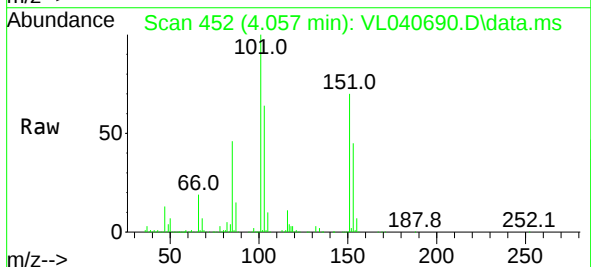
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091423

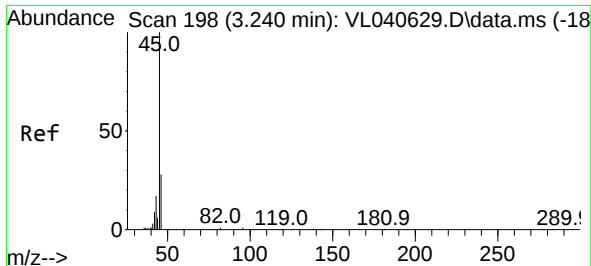
Tgt Ion:101 Resp: 2103616
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.3 76.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.011 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

Tgt Ion:101 Resp: 1543756
 Ion Ratio Lower Upper
 101 100
 151 70.4 56.8 85.2

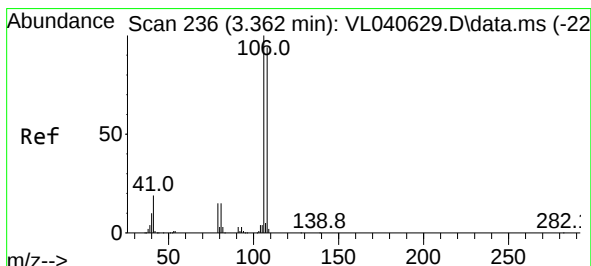
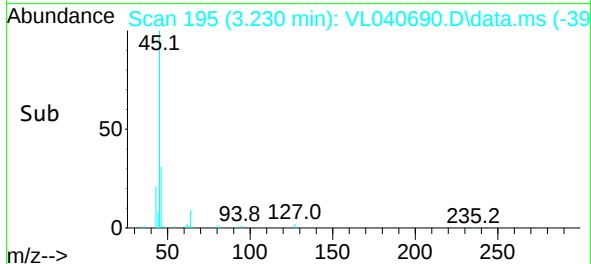
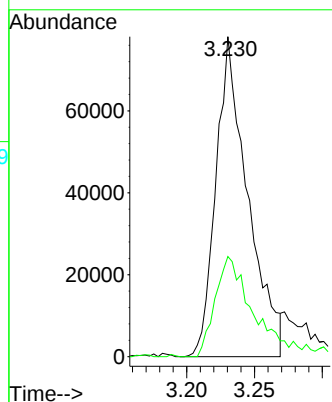
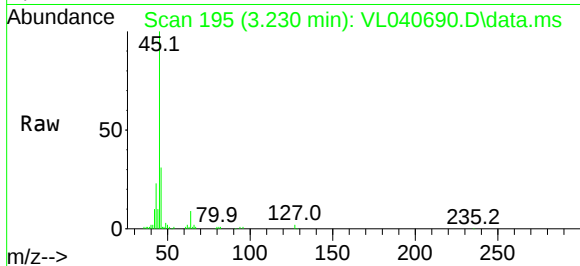




#13
Ethanol
Concen: 7.427 ppbv
RT: 3.230 min Scan# 198
Delta R.T. 0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

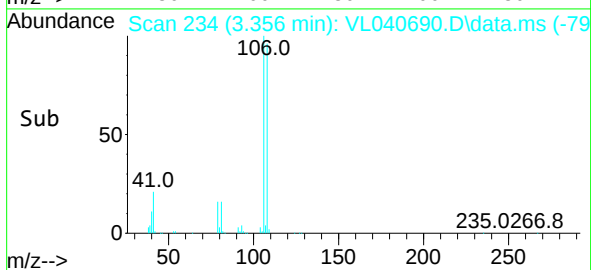
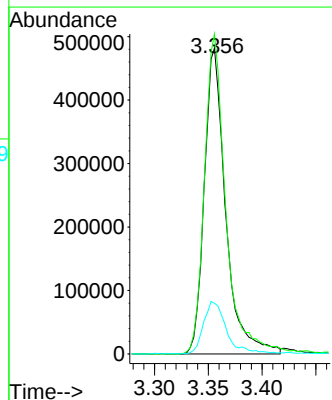
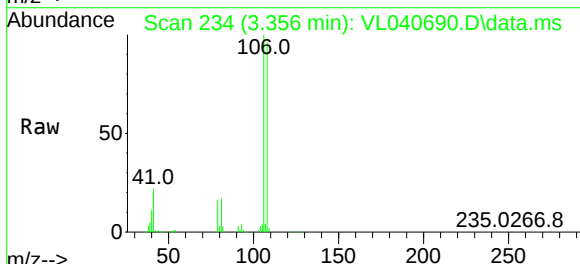
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

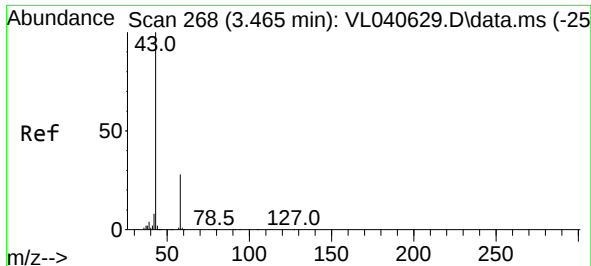
Tgt Ion: 45 Resp: 127570
Ion Ratio Lower Upper
45 100
46 40.5 15.2 61.0



#14
Bromoethene
Concen: 9.250 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 108 Resp: 664638
Ion Ratio Lower Upper
108 100
106 106.2 86.0 129.0
79 19.3 15.6 23.4

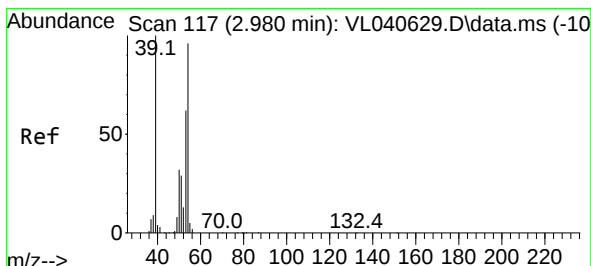
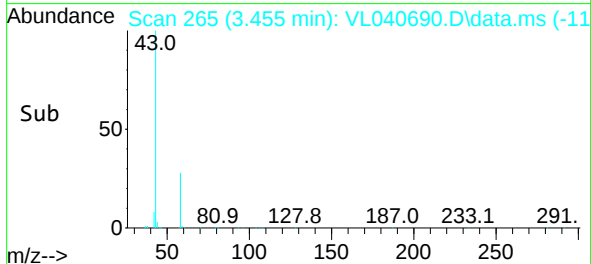
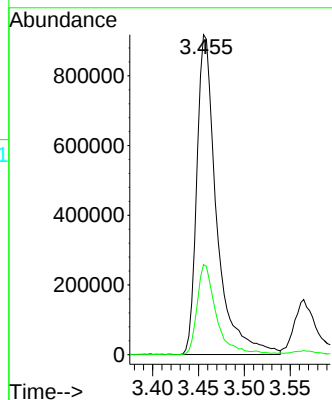
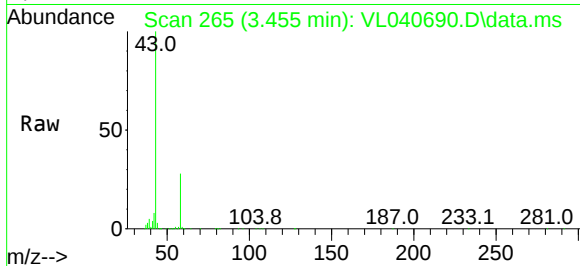




#15
Acetone
Concen: 8.465 ppbv
RT: 3.455 min Scan# 20
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

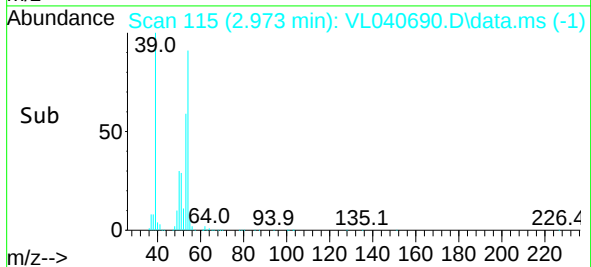
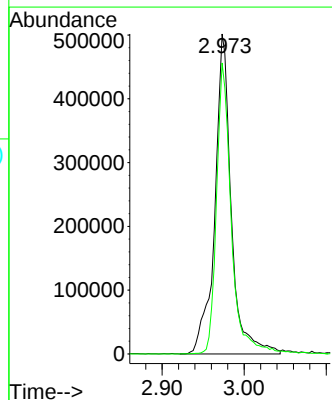
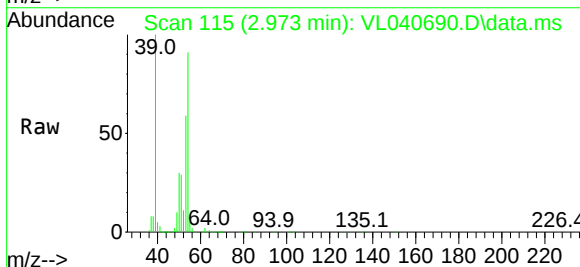
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

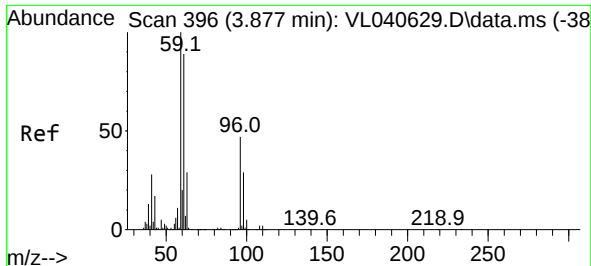
Tgt Ion: 43 Resp: 1380560
Ion Ratio Lower Upper
43 100
58 27.7 22.6 34.0



#16
1,3-Butadiene
Concen: 9.887 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 39 Resp: 702778
Ion Ratio Lower Upper
39 100
54 82.1 64.8 97.2





#17

tert-Butyl alcohol

Concen: 9.519 ppbv

RT: 3.867 min Scan# 396

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

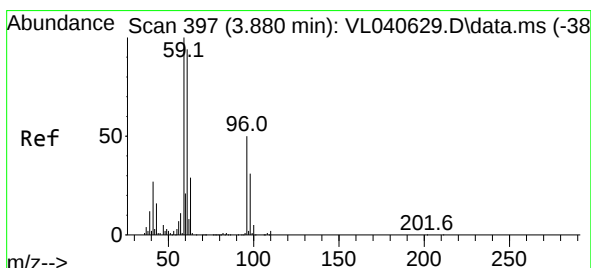
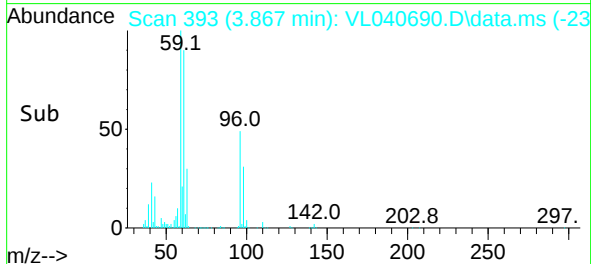
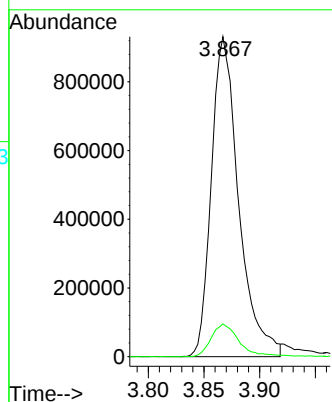
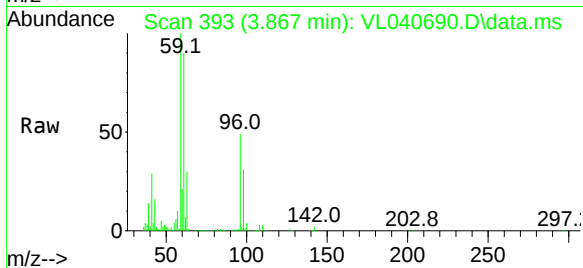
ICVVL091423

Tgt Ion: 59 Resp: 1590210

Ion Ratio Lower Upper

59 100

57 11.0 8.7 13.1



#18

1,1-Dichloroethene

Concen: 9.334 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

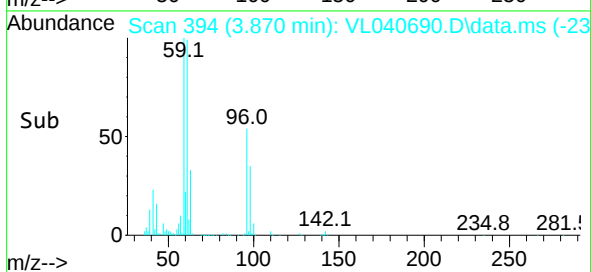
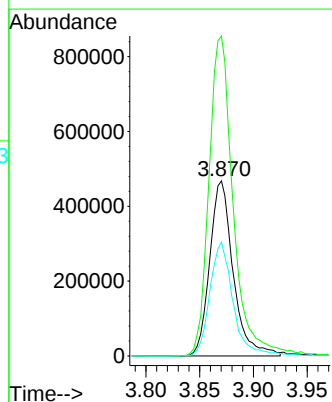
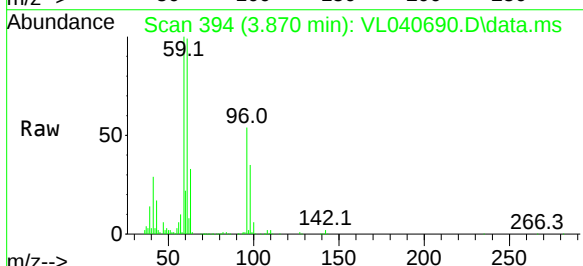
Tgt Ion: 96 Resp: 710769

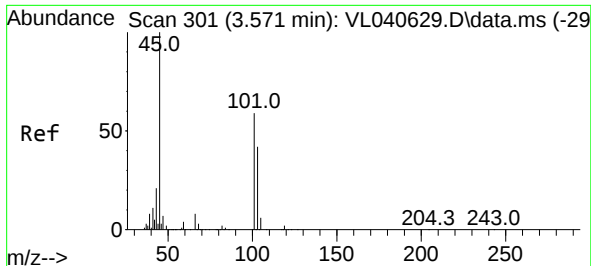
Ion Ratio Lower Upper

96 100

61 182.7 153.6 230.4

98 65.0 51.9 77.9

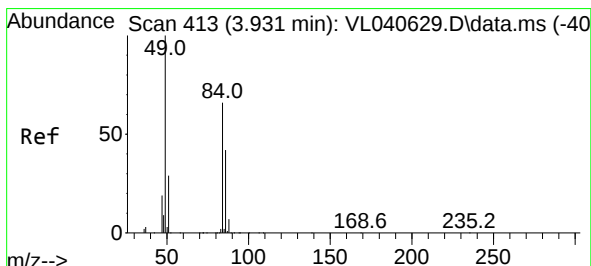
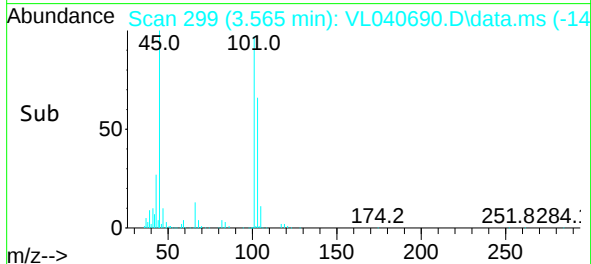
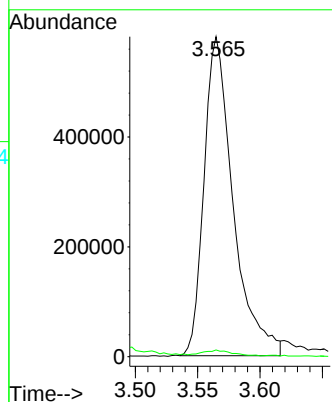
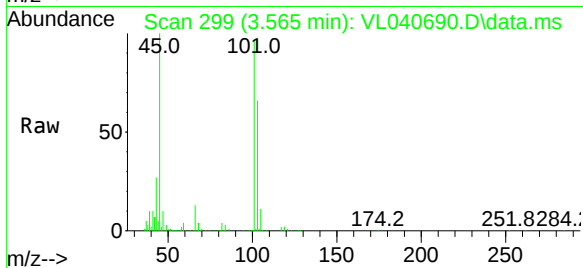




#19
Isopropyl Alcohol
Concen: 9.616 ppbv
RT: 3.565 min Scan# 299
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

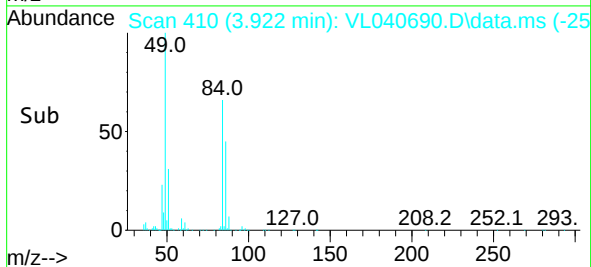
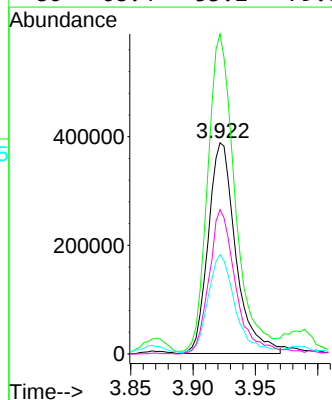
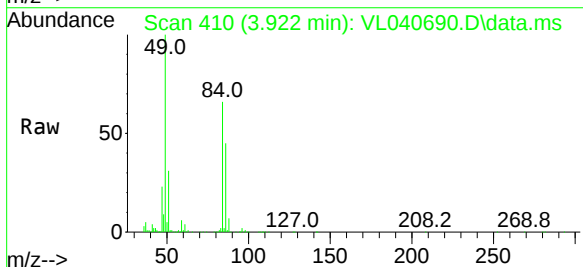
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

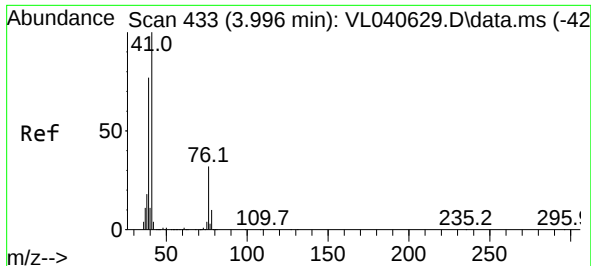
Tgt Ion: 45 Resp: 944930
Ion Ratio Lower Upper
45 100
58 3.2 1.9 2.9#



#20
Methylene Chloride
Concen: 6.809 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 84 Resp: 597698
Ion Ratio Lower Upper
84 100
49 150.6 114.4 171.6
51 46.6 35.5 53.3
86 68.4 53.2 79.8





#21

Allyl Chloride

Concen: 9.519 ppbv

RT: 3.986 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423

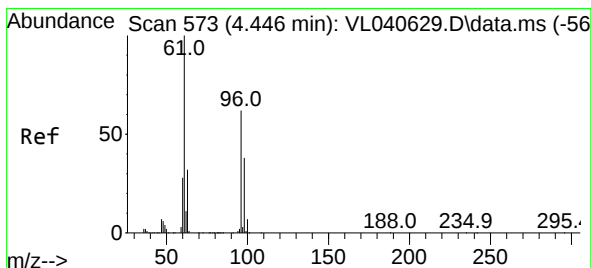
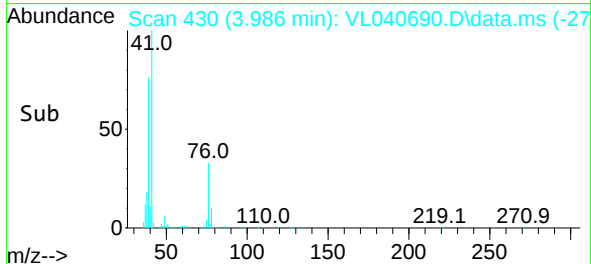
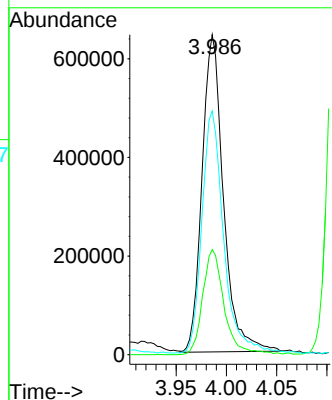
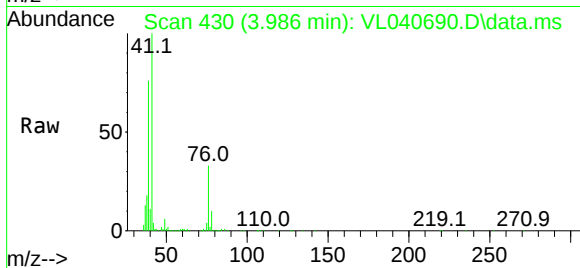
Tgt Ion: 41 Resp: 951431

Ion Ratio Lower Upper

41 100

76 33.5 26.6 40.0

39 78.6 65.0 97.4



#22

trans-1,2-Dichloroethene

Concen: 9.412 ppbv

RT: 4.436 min Scan# 570

Delta R.T. 0.003 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

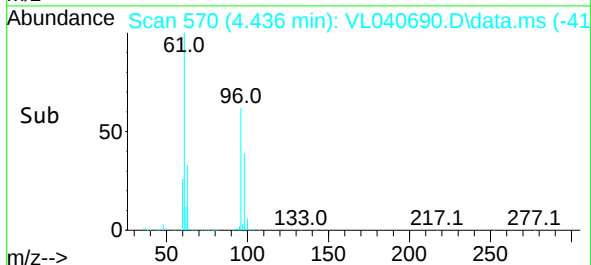
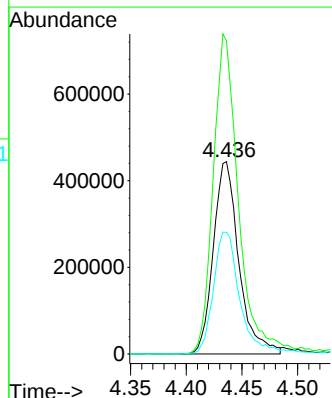
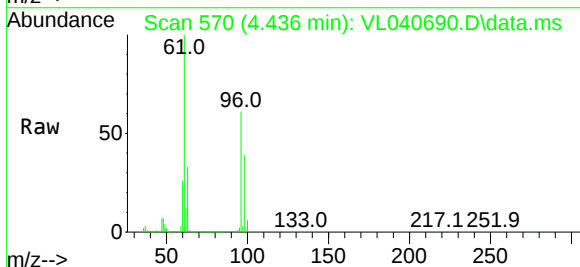
Tgt Ion: 96 Resp: 708661

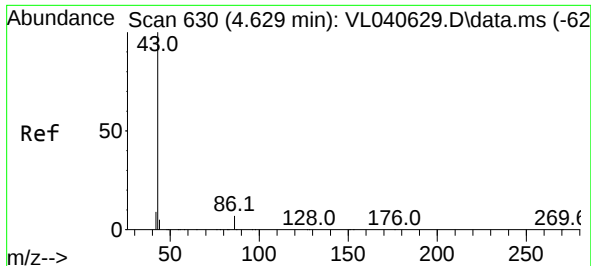
Ion Ratio Lower Upper

96 100

61 162.8 129.9 194.9

98 63.2 50.2 75.4



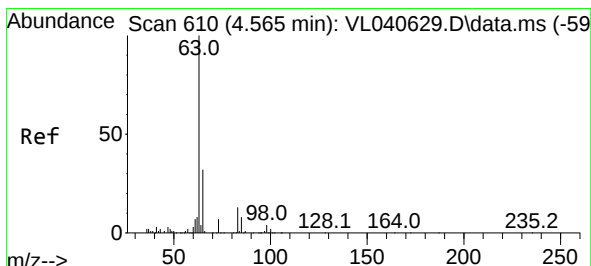
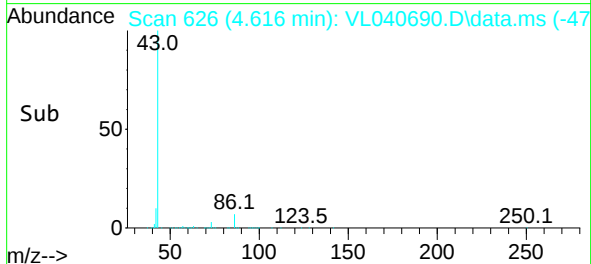
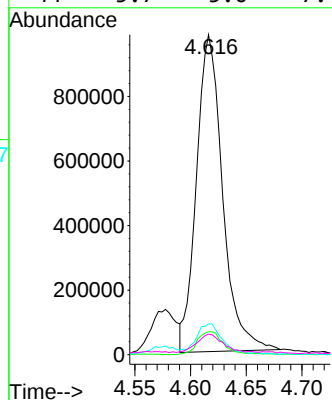
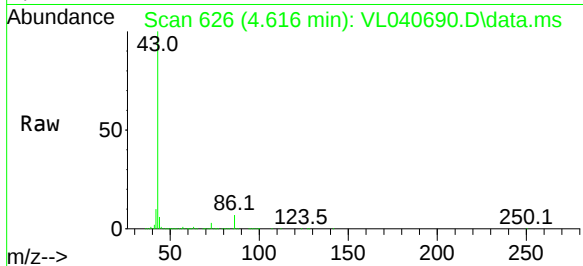


#23
 Vinyl Acetate
 Concen: 9.509 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL091423

Tgt Ion: 43 Resp: 1603884

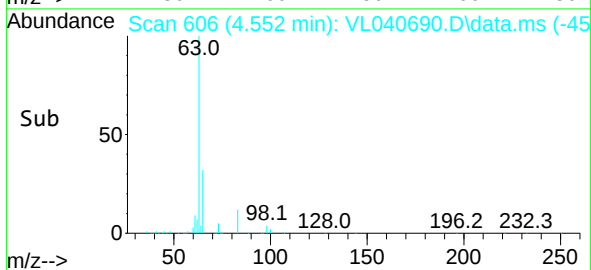
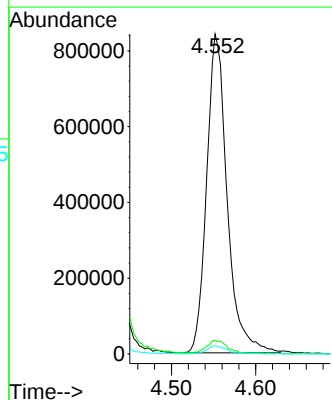
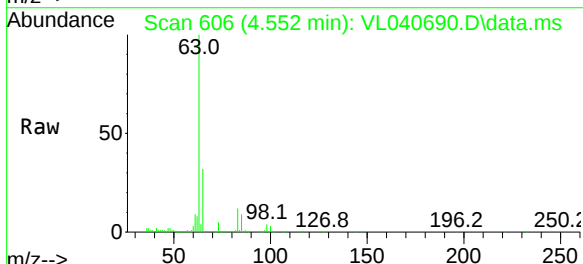
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.6	8.4
42	9.6	7.6	11.4
44	5.7	5.0	7.4

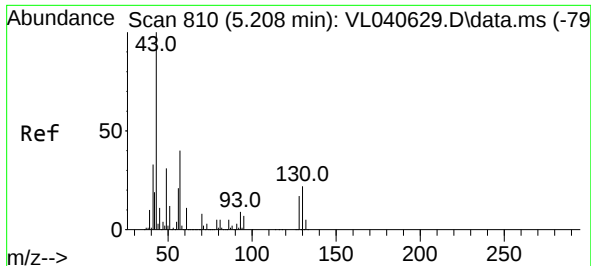


#24
 1,1-Dichloroethane
 Concen: 9.034 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

Tgt Ion: 63 Resp: 1426023

Ion	Ratio	Lower	Upper
63	100		
98	4.1	1.8	5.5
100	2.5	1.2	3.6



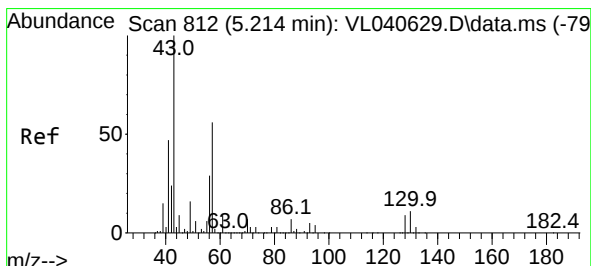
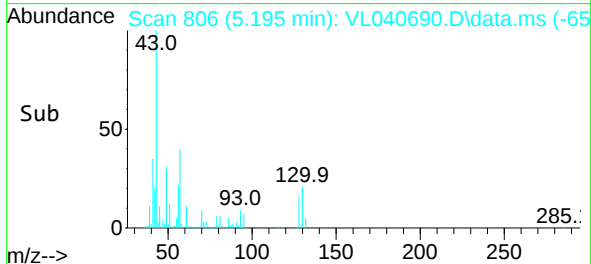
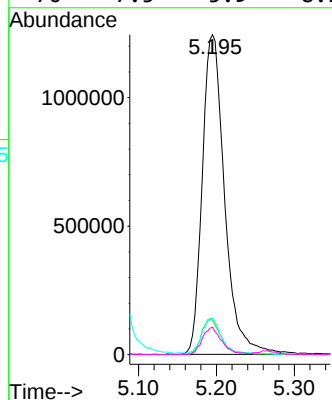
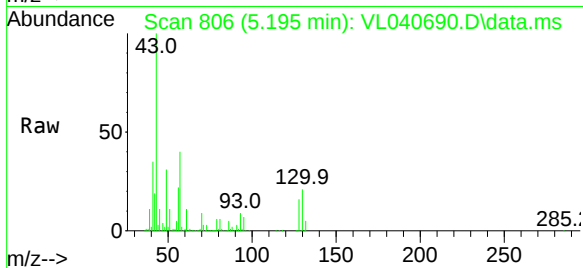


#25
Ethyl Acetate
Concen: 9.400 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

Tgt Ion: 43 Resp: 2472518

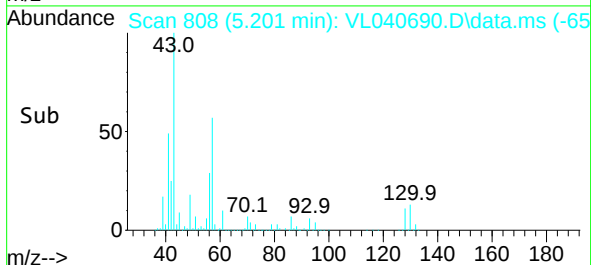
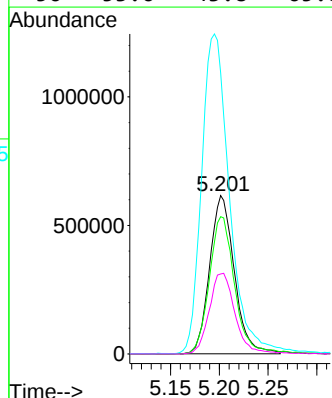
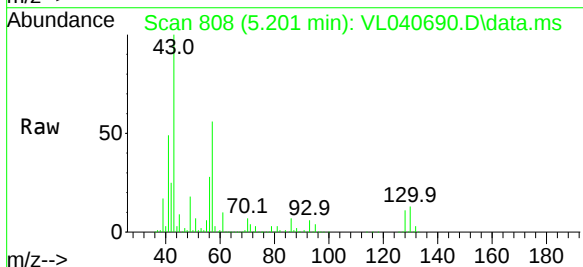
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.4
61	10.7	8.2	12.4
70	7.5	5.9	8.9

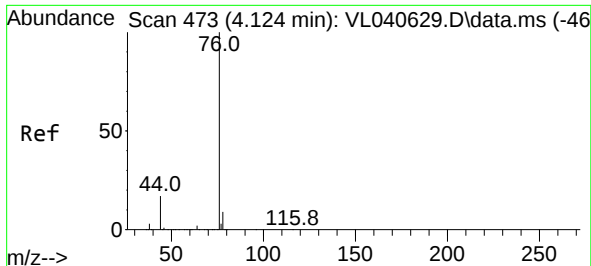


#26
Hexane
Concen: 8.720 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 57 Resp: 1084561

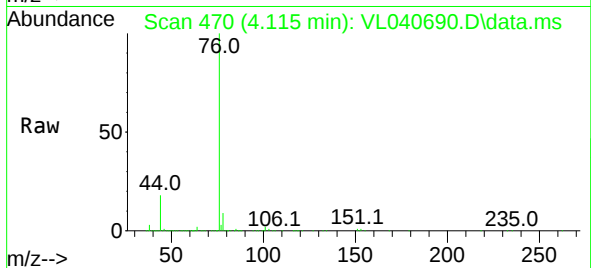
Ion	Ratio	Lower	Upper
57	100		
41	90.4	75.2	112.8
43	229.9	185.6	278.4
56	53.6	43.8	65.8





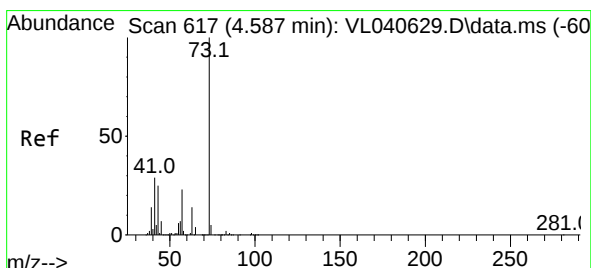
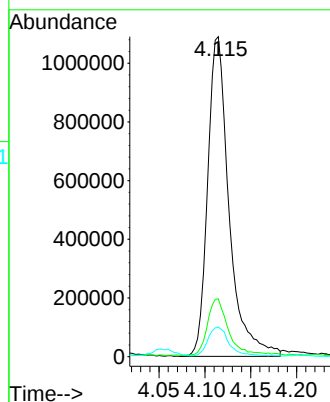
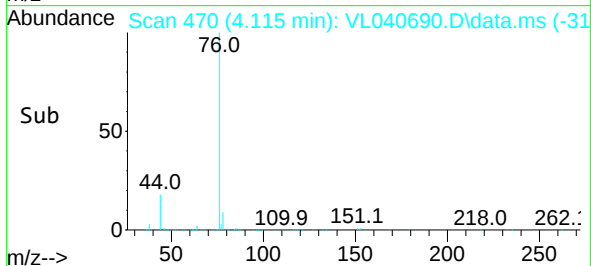
#27
Carbon Disulfide
Concen: 10.195 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

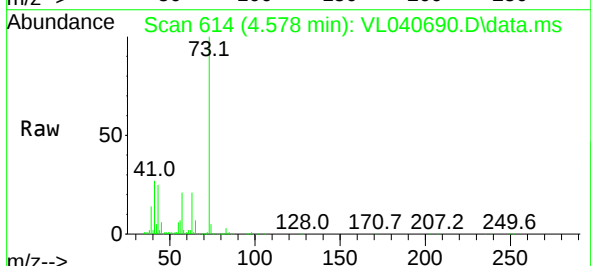


Tgt Ion: 76 Resp: 1768380

Ion	Ratio	Lower	Upper
76	100		
44	17.7	14.5	21.7
78	9.5	7.7	11.5

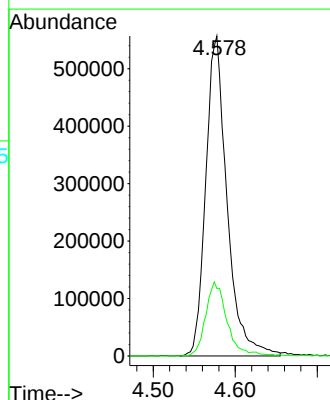
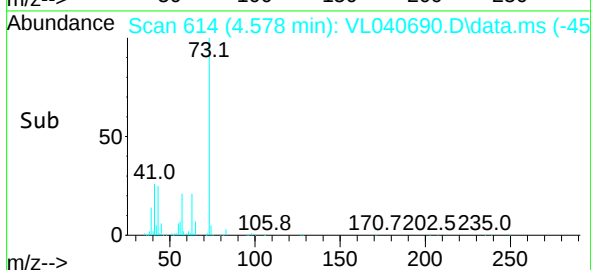


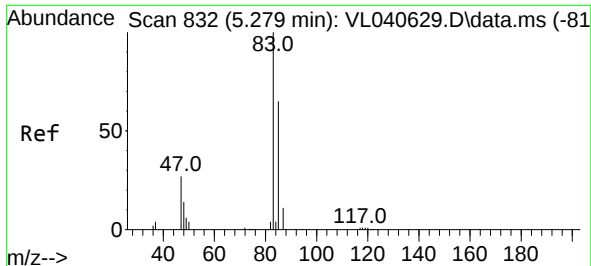
#28
Methyl tert-Butyl Ether
Concen: 9.379 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08



Tgt Ion: 73 Resp: 1003675

Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.8	28.2





#29

Chloroform

Concen: 9.044 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

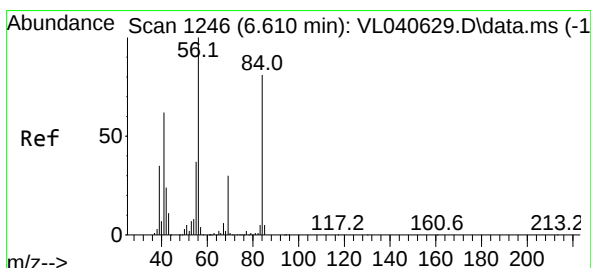
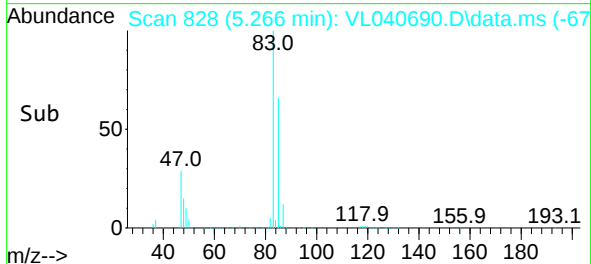
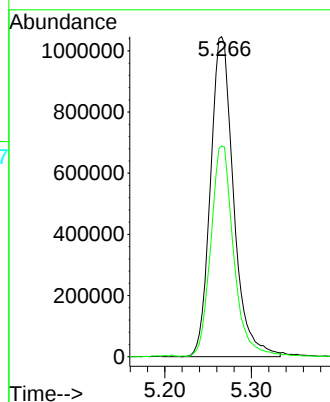
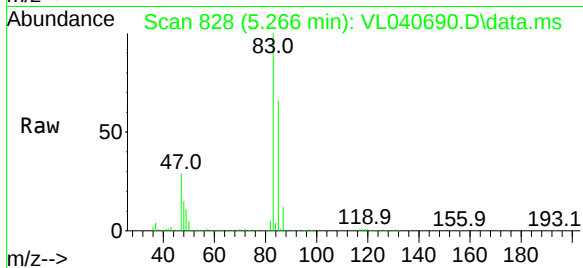
ICVVL091423

Tgt Ion: 83 Resp: 1942171

Ion Ratio Lower Upper

83 100

85 65.8 51.8 77.8



#30

Cyclohexane

Concen: 9.758 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.003 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

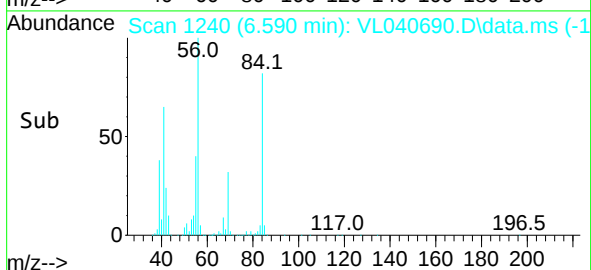
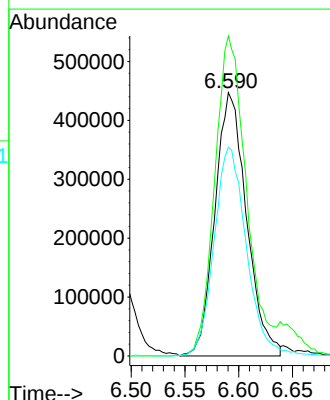
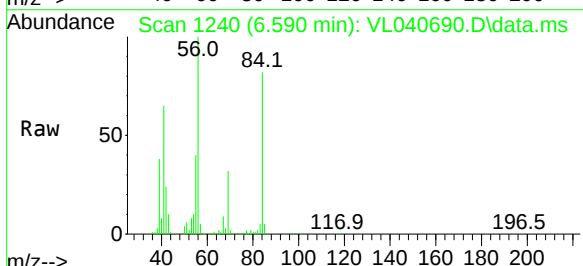
Tgt Ion: 84 Resp: 913979

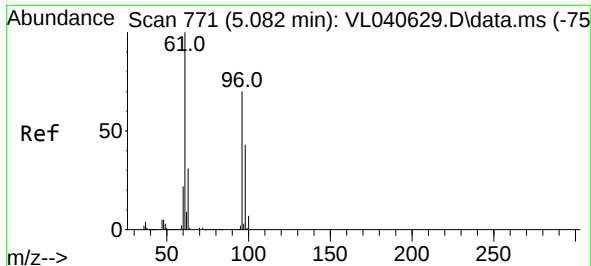
Ion Ratio Lower Upper

84 100

56 130.8 103.2 154.8

41 81.7 65.5 98.3



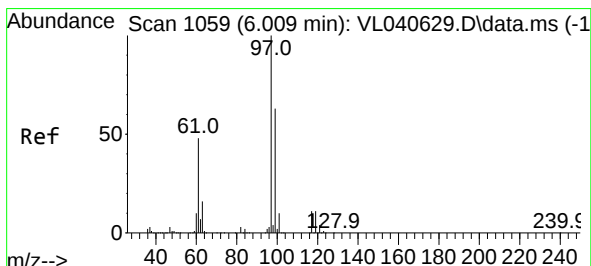
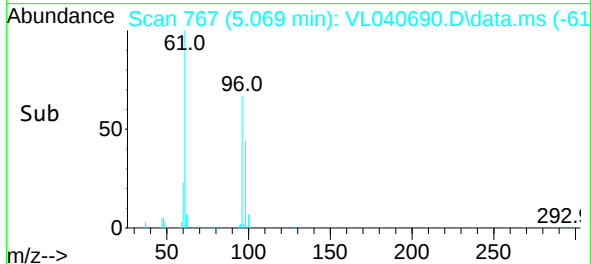
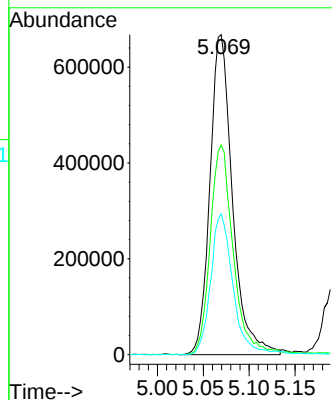
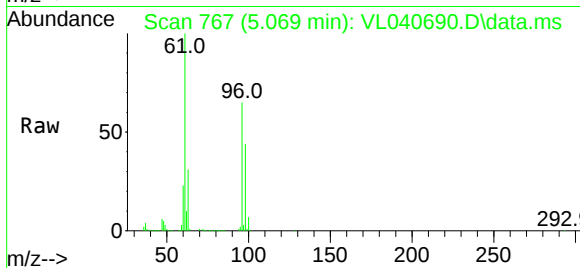


#31
 cis-1,2-Dichloroethene
 Concen: 9.892 ppbv
 RT: 5.069 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091423

Tgt Ion: 61 Resp: 1141479

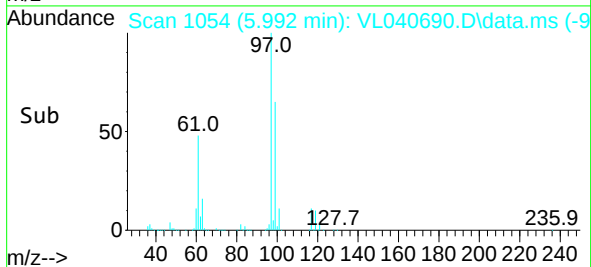
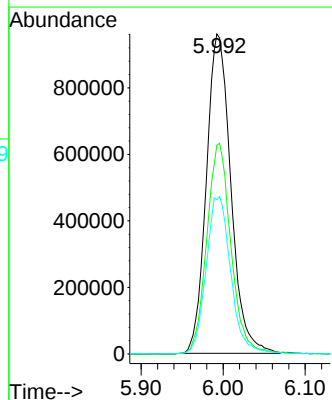
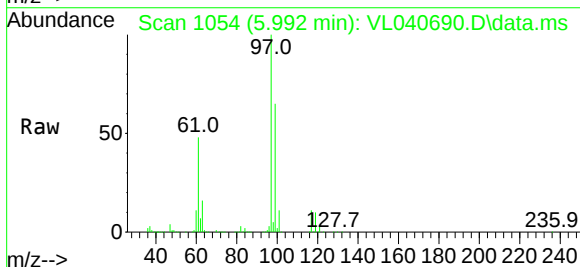
Ion	Ratio	Lower	Upper
61	100		
96	65.5	51.2	76.8
98	44.0	32.3	48.5



#32
 1,1,1-Trichloroethane
 Concen: 9.097 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.003 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

Tgt Ion: 97 Resp: 1997194

Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.4	78.6
61	49.6	40.2	60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423

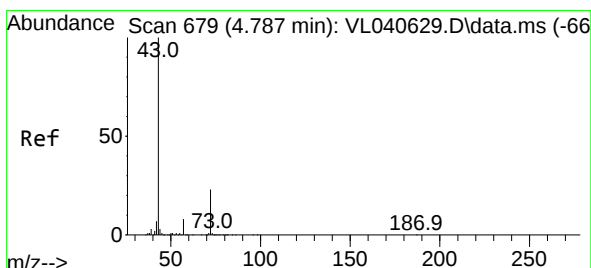
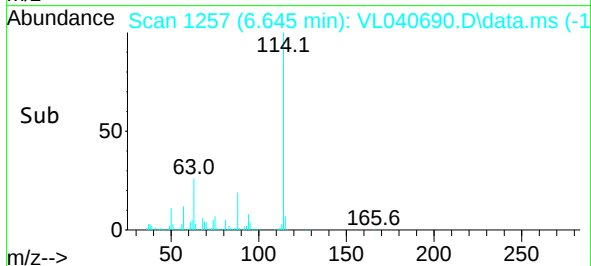
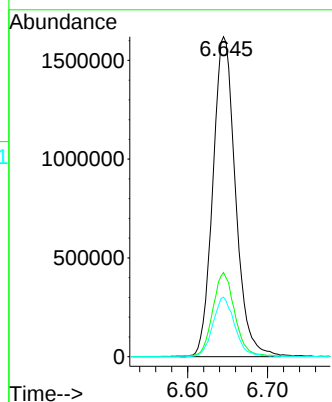
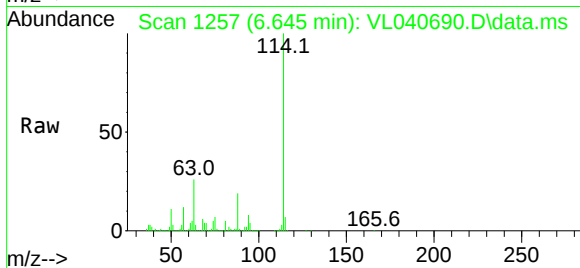
Tgt Ion:114 Resp: 3181242

Ion Ratio Lower Upper

114 100

63 26.0 21.1 31.7

88 18.1 14.5 21.7



#34

2-Butanone

Concen: 9.283 ppbv

RT: 4.777 min Scan# 676

Delta R.T. -0.000 min

Lab File: VL040690.D

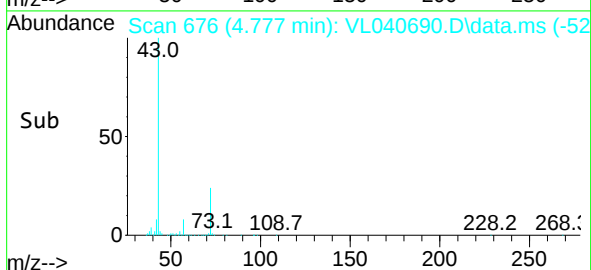
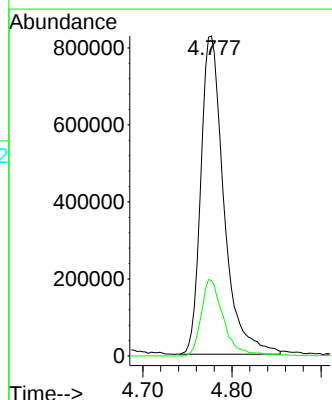
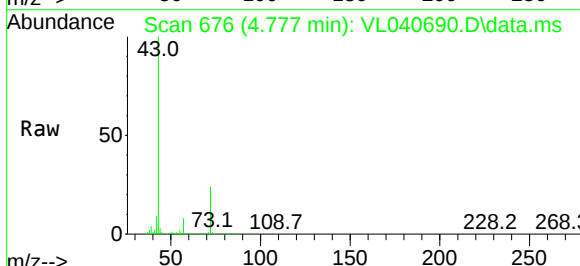
Acq: 14 Sep 2023 19:08

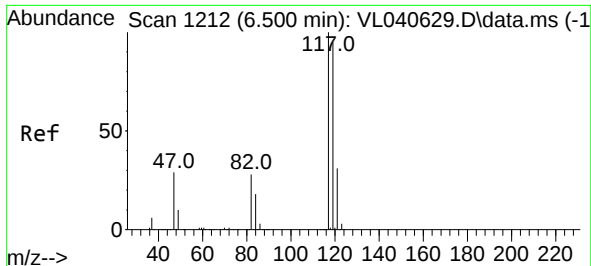
Tgt Ion: 43 Resp: 1485198

Ion Ratio Lower Upper

43 100

72 23.7 18.6 27.8

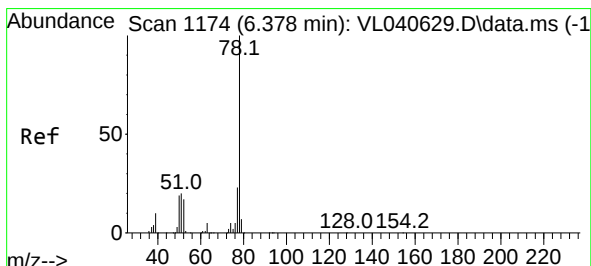
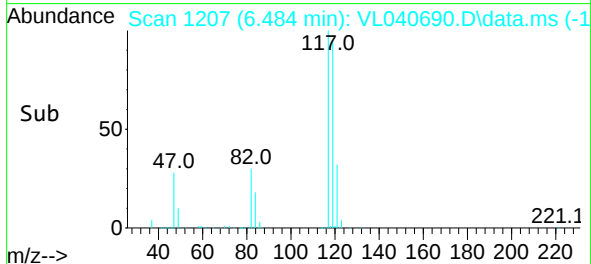
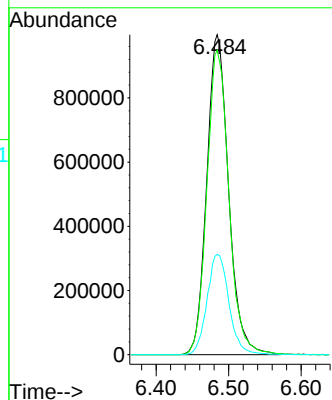
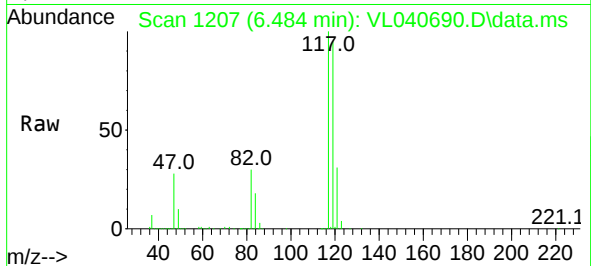




#35
Carbon Tetrachloride
Concen: 9.544 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

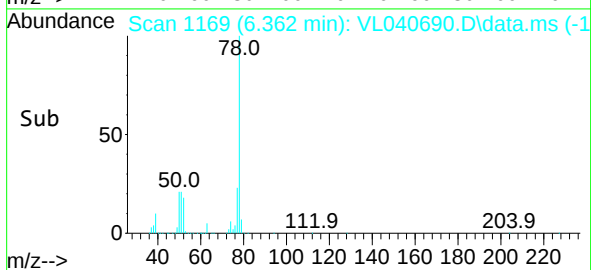
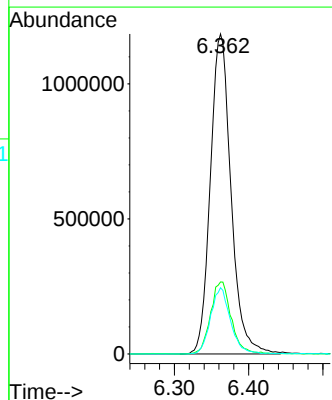
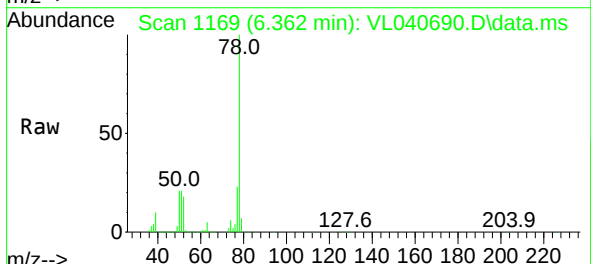
Instrument :
MSVOA_1
ClientSampleId :
ICVVL091423

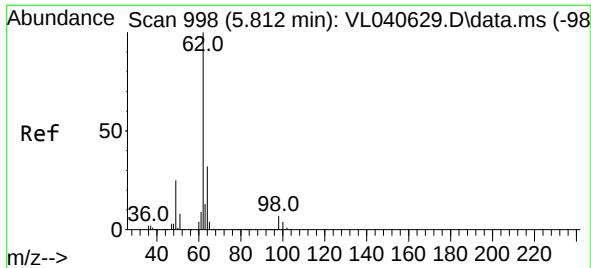
Tgt Ion:117 Resp: 2084719
Ion Ratio Lower Upper
117 100
119 95.1 78.6 117.8
121 31.3 24.7 37.1



#36
Benzene
Concen: 9.713 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 78 Resp: 2288266
Ion Ratio Lower Upper
78 100
77 22.5 17.9 26.9
50 20.7 17.3 25.9

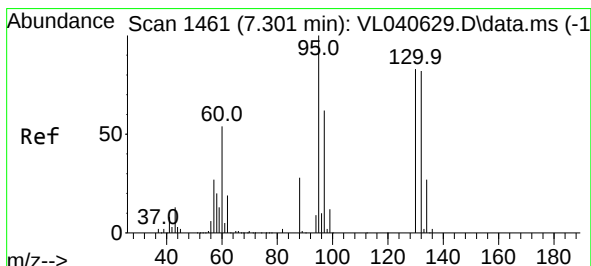
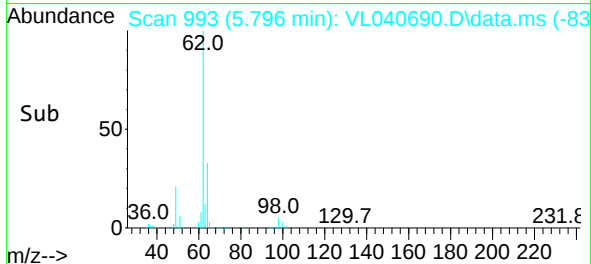
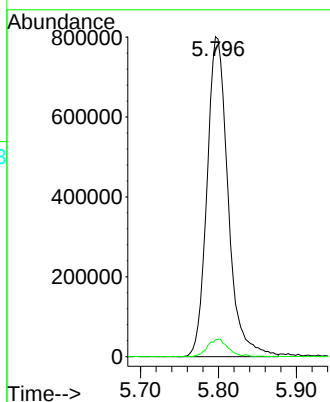
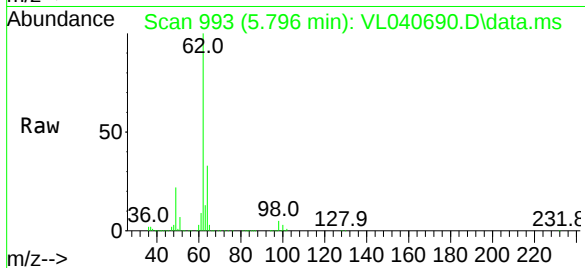




#37
1,2-Dichloroethane
Concen: 9.327 ppbv
RT: 5.796 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

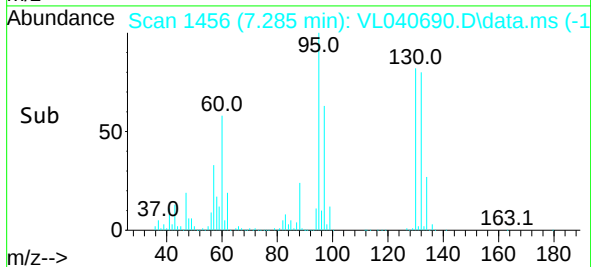
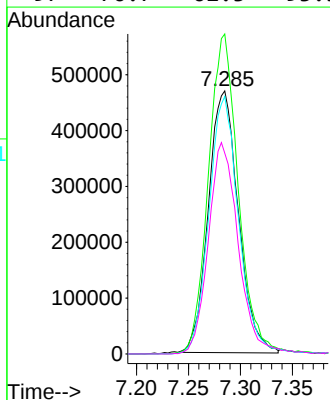
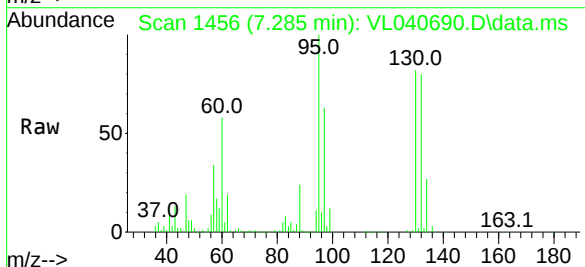
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

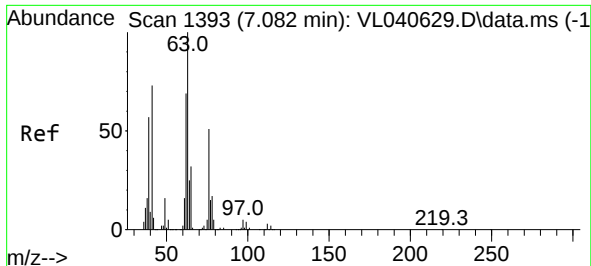
Tgt Ion: 62 Resp: 1503734
Ion Ratio Lower Upper
62 100
98 5.7 4.2 6.4



#38
Trichloroethene
Concen: 10.507 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion:130 Resp: 943927
Ion Ratio Lower Upper
130 100
95 122.0 91.9 137.9
132 98.3 77.3 115.9
97 76.7 62.3 93.5





#39

1,2-Dichloropropane

Concen: 9.523 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423

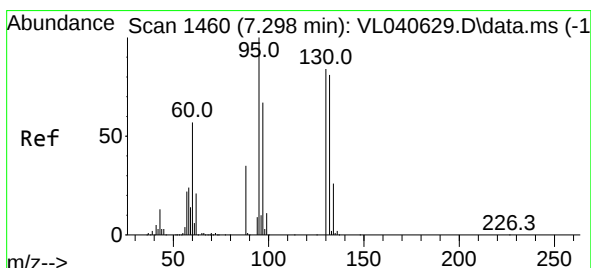
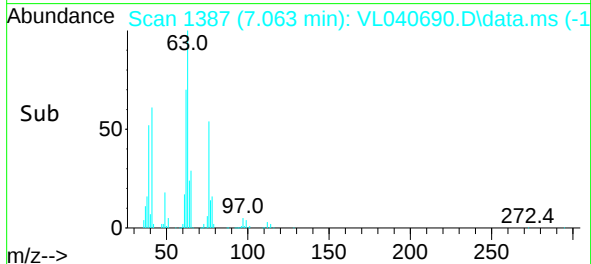
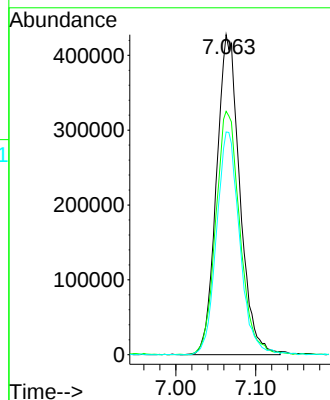
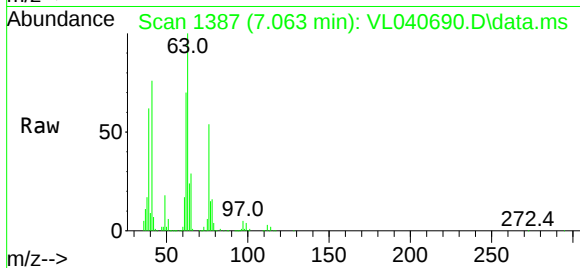
Tgt Ion: 63 Resp: 863524

Ion Ratio Lower Upper

63 100

41 75.9 61.6 92.4

62 69.6 55.8 83.8



#40

1,4-Dioxane

Concen: 10.017 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Tgt Ion: 88 Resp: 343387

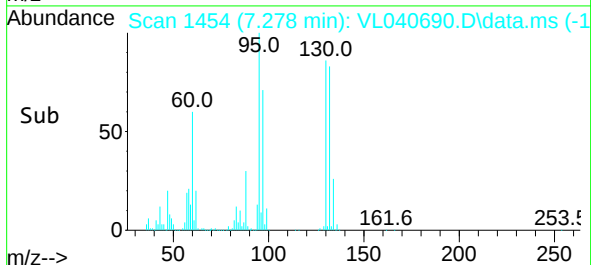
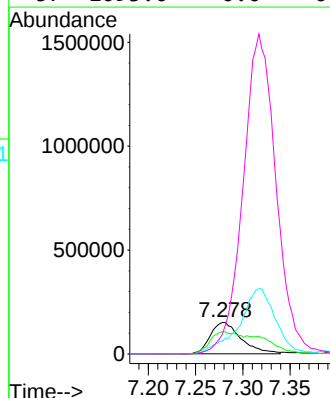
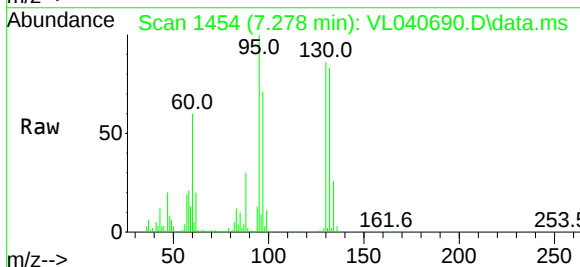
Ion Ratio Lower Upper

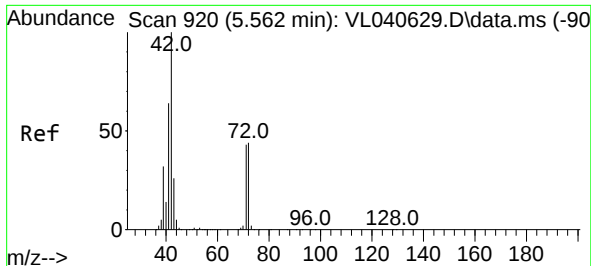
88 100

58 121.4 92.7 139.1

43 244.5 0.0 0.0#

57 1093.0 0.0 0.0#

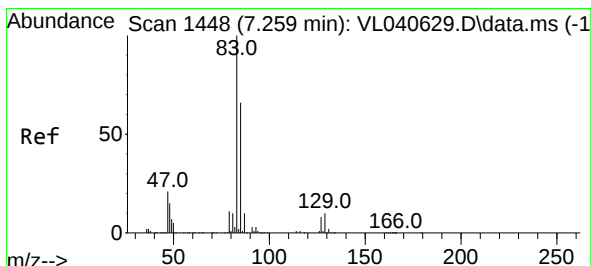
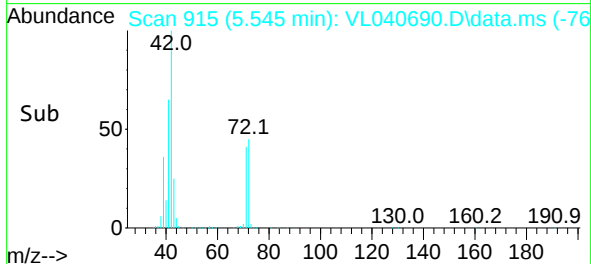
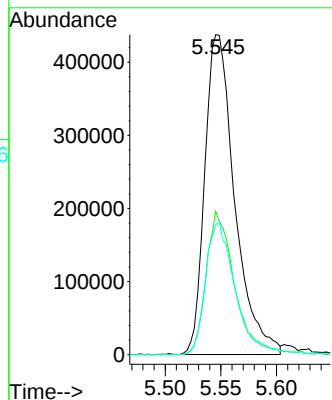
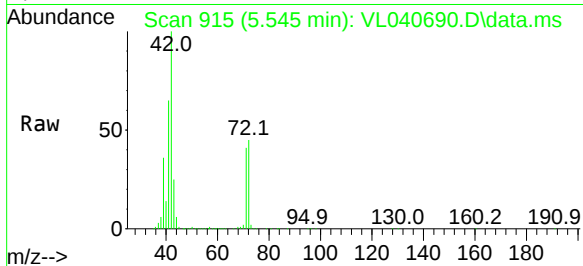




#41
Tetrahydrofuran
Concen: 9.973 ppbv
RT: 5.545 min Scan# 915
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

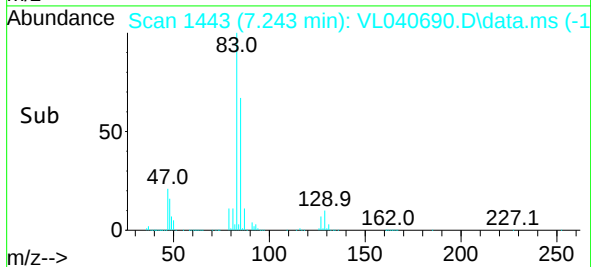
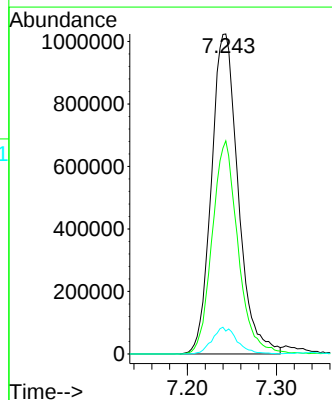
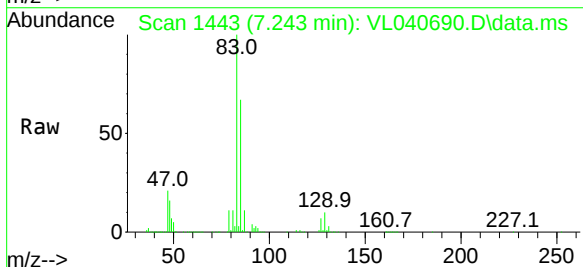
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

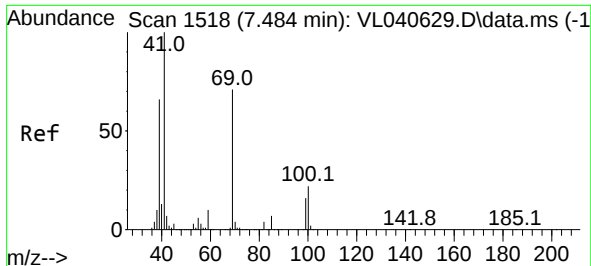
Tgt Ion: 42 Resp: 818174
Ion Ratio Lower Upper
42 100
72 43.0 34.9 52.3
71 41.3 33.8 50.8



#42
Bromodichloromethane
Concen: 9.726 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 83 Resp: 2139588
Ion Ratio Lower Upper
83 100
85 66.6 51.2 76.8
127 7.1 6.2 9.4

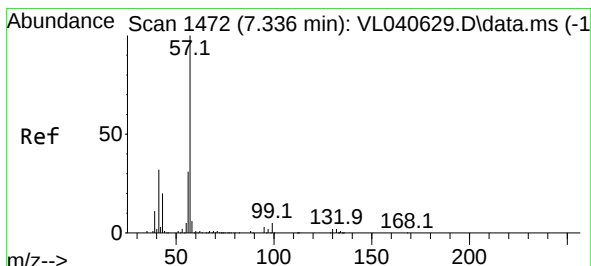
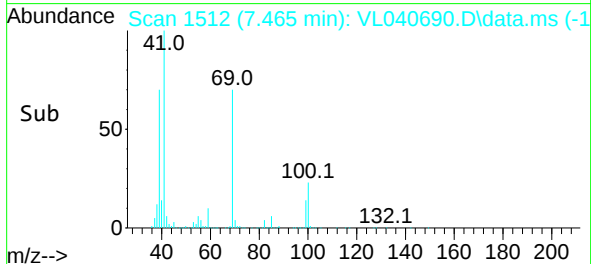
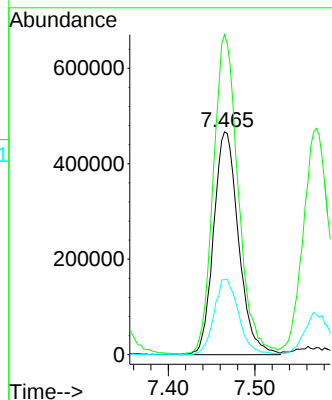
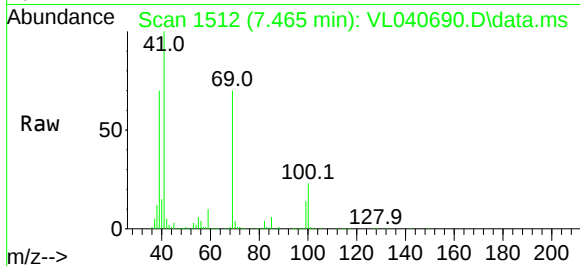




#43
Methyl Methacrylate
Concen: 10.674 ppbv
RT: 7.465 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

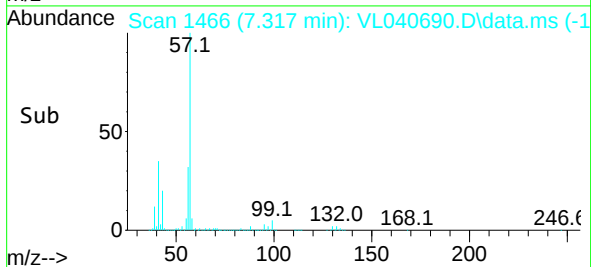
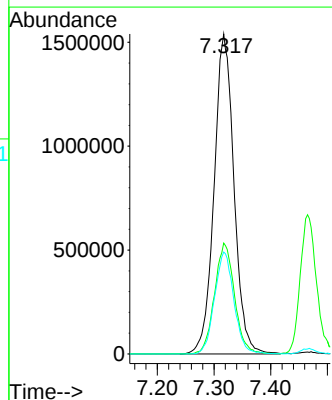
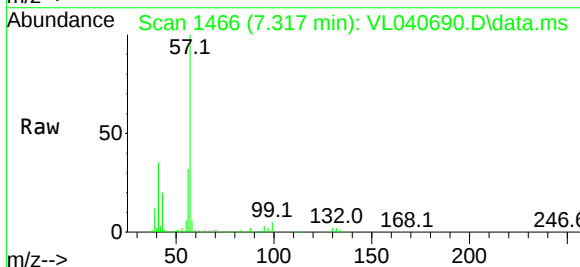
Instrument :
MSVOA_1
ClientSampleId :
ICVVL091423

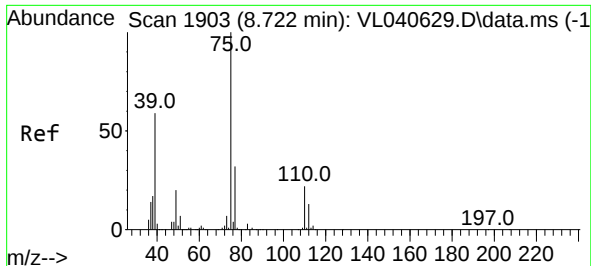
Tgt Ion: 69 Resp: 934649
Ion Ratio Lower Upper
69 100
41 143.1 113.8 170.8
100 33.4 25.4 38.0



#44
2,2,4-Trimethylpentane
Concen: 9.990 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 57 Resp: 3747197
Ion Ratio Lower Upper
57 100
41 34.9 28.5 42.7
56 31.1 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 11.675 ppbv

RT: 8.703 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

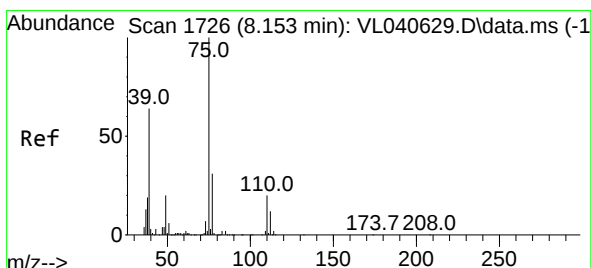
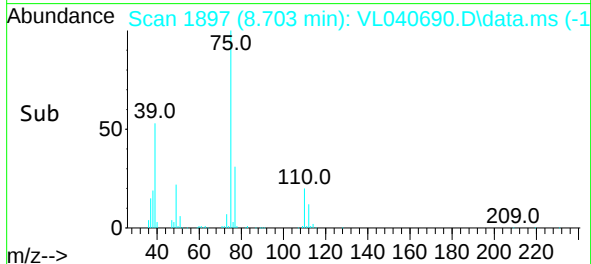
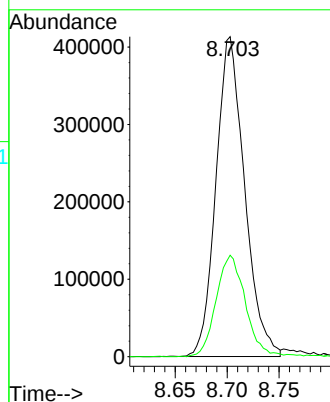
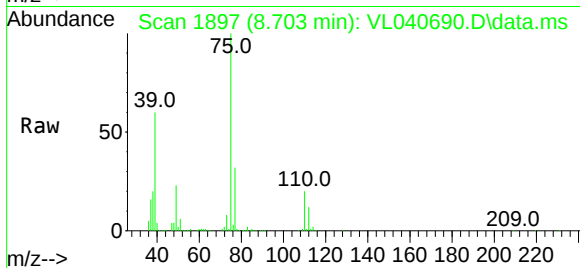
ICVVL091423

Tgt Ion: 75 Resp: 792733

Ion Ratio Lower Upper

75 100

77 31.7 24.5 36.7



#46

cis-1,3-Dichloropropene

Concen: 11.450 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.003 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

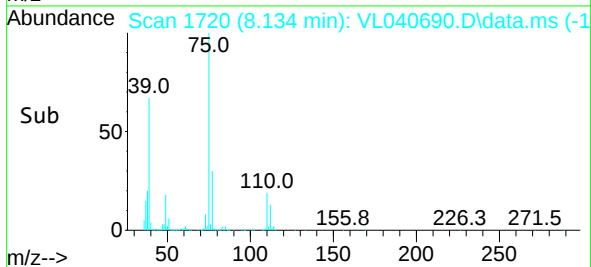
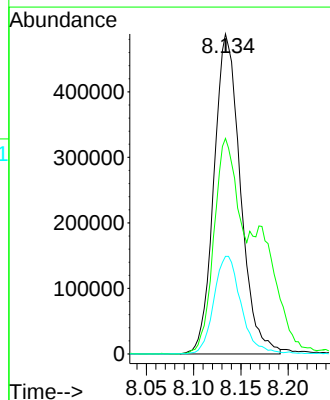
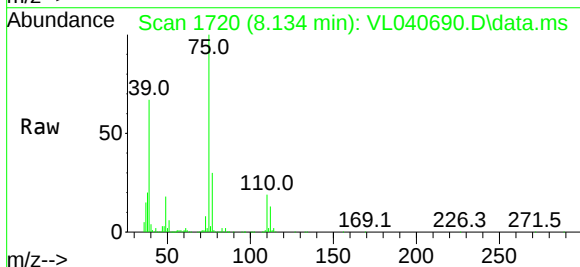
Tgt Ion: 75 Resp: 951217

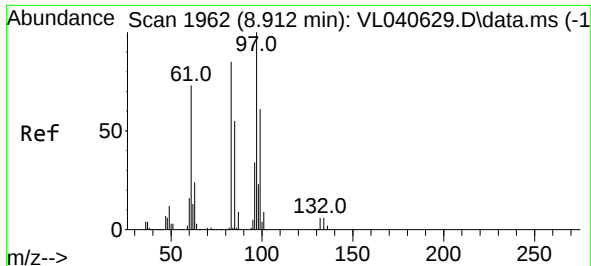
Ion Ratio Lower Upper

75 100

39 67.3 54.0 81.0

77 30.4 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 9.590 ppbv

RT: 8.889 min Scan# 1962

Delta R.T. -0.007 min

Lab File: VL040690.D

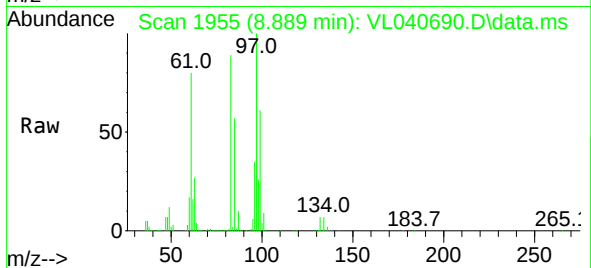
Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

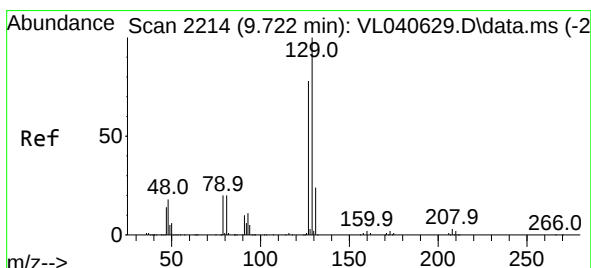
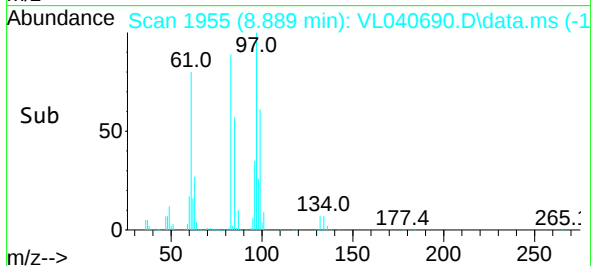
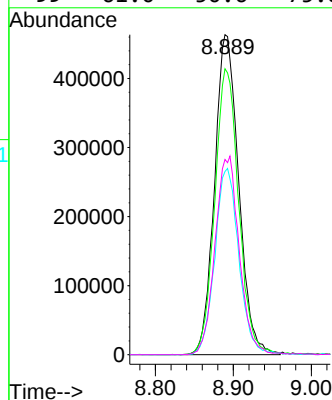
ClientSampleId :

ICVVL091423



Tgt Ion: 97 Resp: 997954

Ion	Ratio	Lower	Upper
97	100		
83	89.3	70.8	106.2
85	57.3	45.7	68.5
99	61.0	50.6	75.8



#48

Dibromochloromethane

Concen: 10.363 ppbv

RT: 9.703 min Scan# 2208

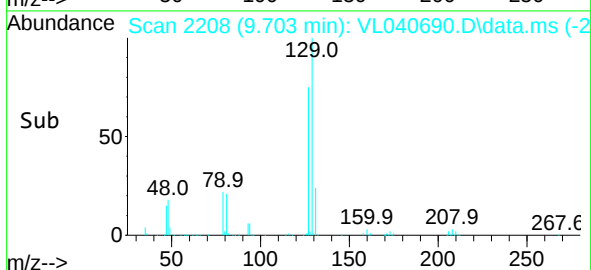
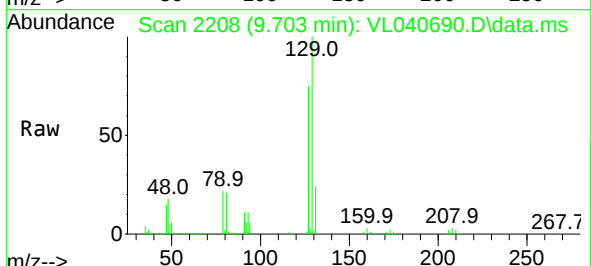
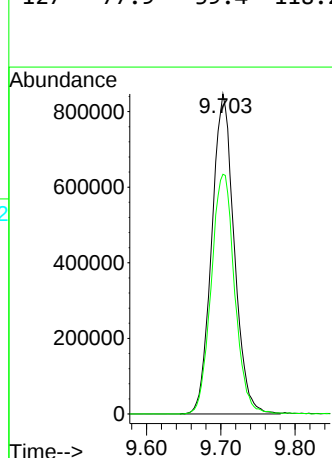
Delta R.T. -0.000 min

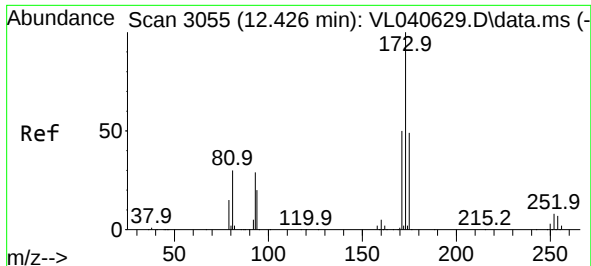
Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Tgt Ion: 129 Resp: 1778914

Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.4	118.2

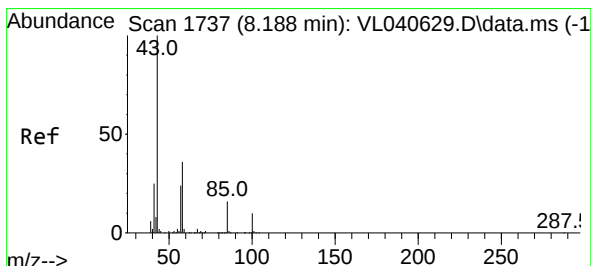
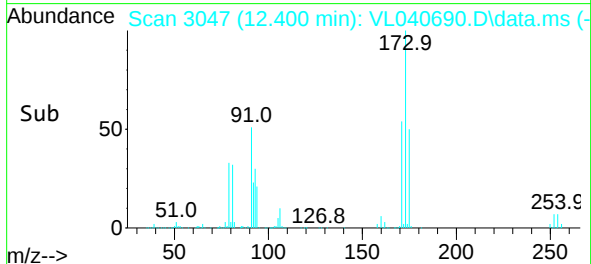
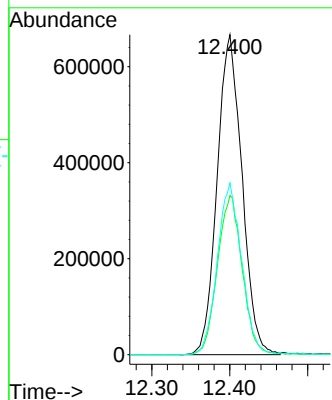
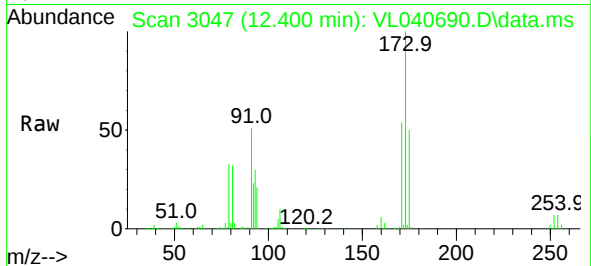




#49
Bromoform
Concen: 10.490 ppbv
RT: 12.400 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

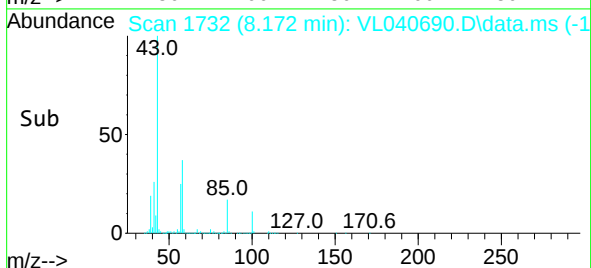
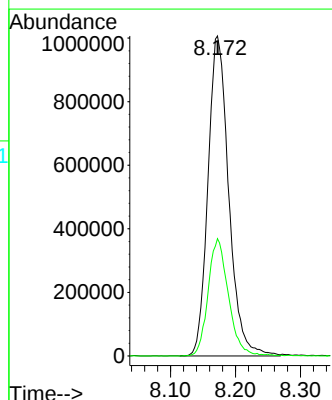
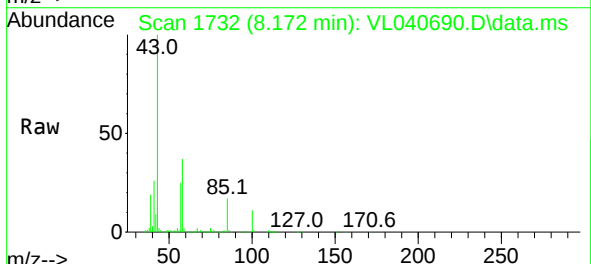
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

Tgt Ion:173 Resp: 1478905
Ion Ratio Lower Upper
173 100
175 49.7 38.8 58.2
171 52.8 42.2 63.2



#50
4-Methyl-2-Pentanone
Concen: 10.341 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 43 Resp: 2235547
Ion Ratio Lower Upper
43 100
58 36.1 28.2 42.4

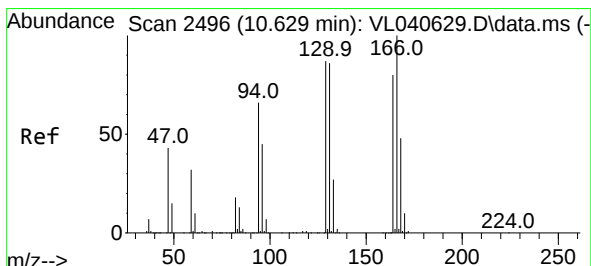
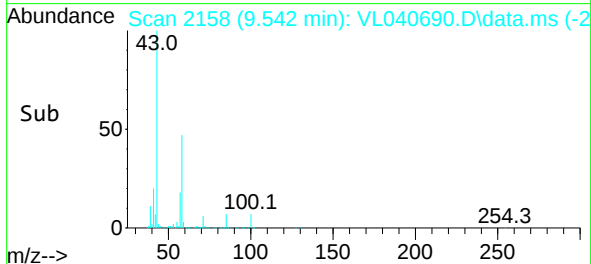
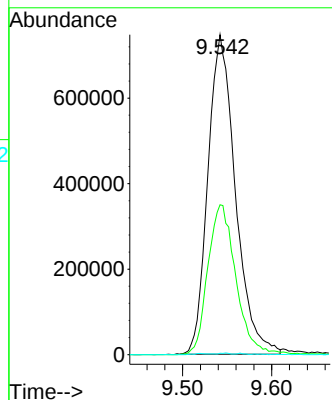
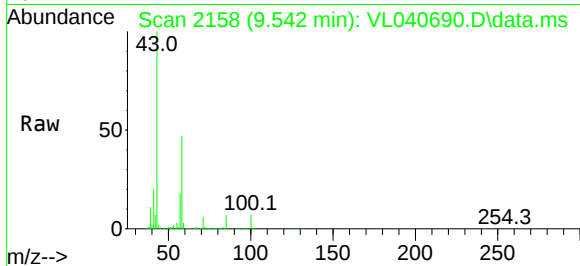




#51
2-Hexanone
Concen: 10.753 ppbv
RT: 9.542 min Scan# 2165
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

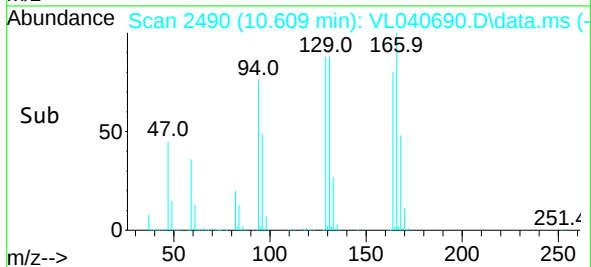
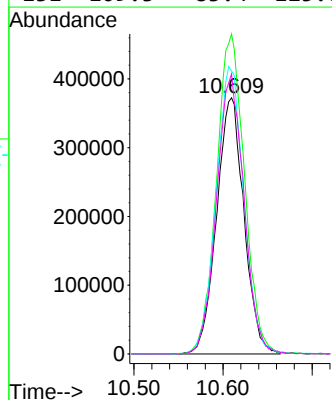
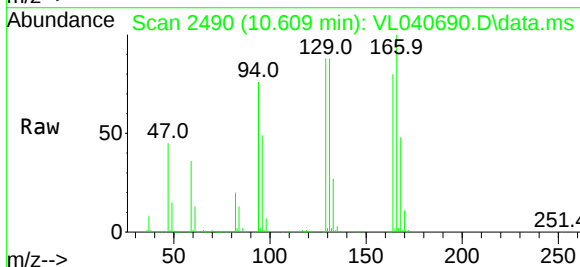
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

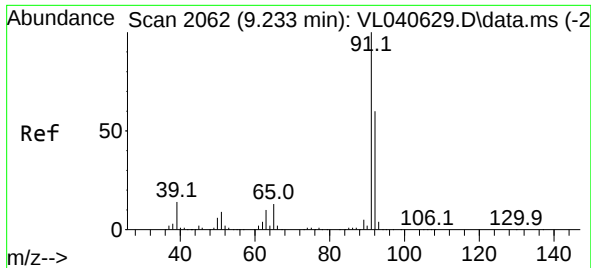
Tgt Ion: 43 Resp: 1604561
Ion Ratio Lower Upper
43 100
58 48.1 37.6 56.4
98 0.6 0.6 1.0#



#52
Tetrachloroethene
Concen: 10.352 ppbv
RT: 10.609 min Scan# 2490
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 164 Resp: 795461
Ion Ratio Lower Upper
164 100
166 124.8 103.4 155.2
129 110.2 83.5 125.3
131 109.3 83.4 125.0

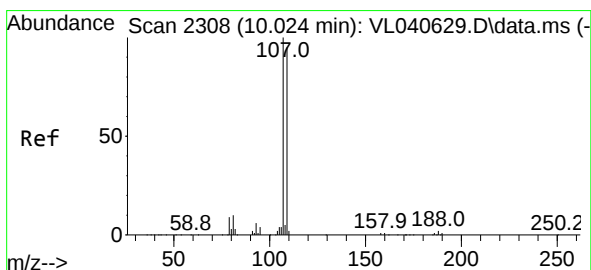
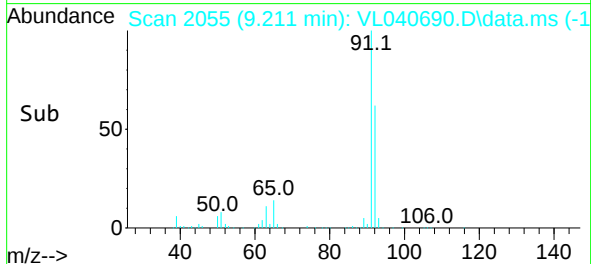
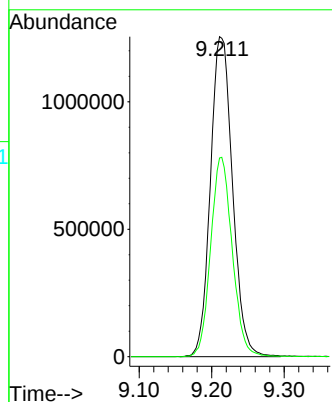
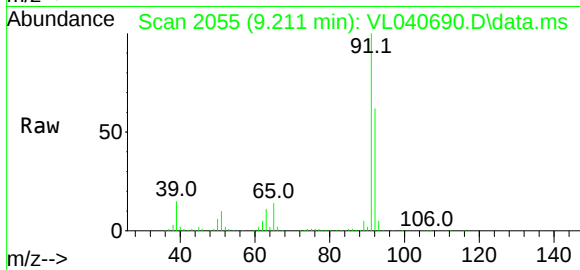




#53
Toluene
Concen: 10.687 ppbv
RT: 9.211 min Scan# 2062
Delta R.T. -0.007 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

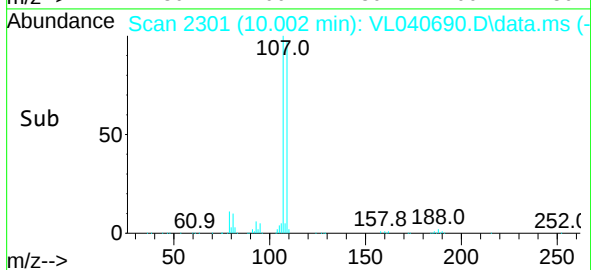
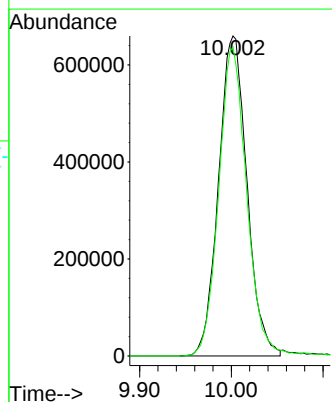
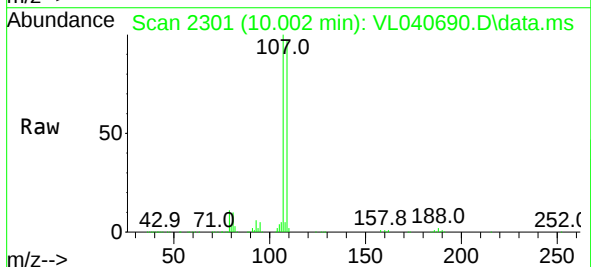
Instrument : MSVOA_L
ClientSampleId : ICVVL091423

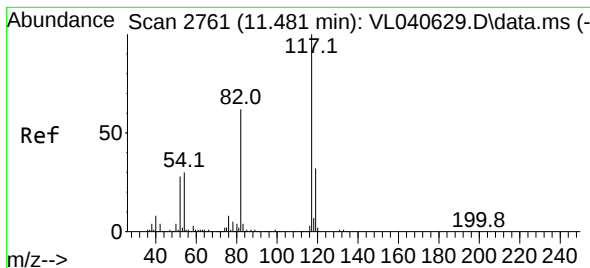
Tgt Ion: 91 Resp: 2658083
Ion Ratio Lower Upper
91 100
92 60.9 48.5 72.7



#54
1,2-Dibromoethane
Concen: 10.683 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 107 Resp: 1418935
Ion Ratio Lower Upper
107 100
109 96.5 72.4 108.6

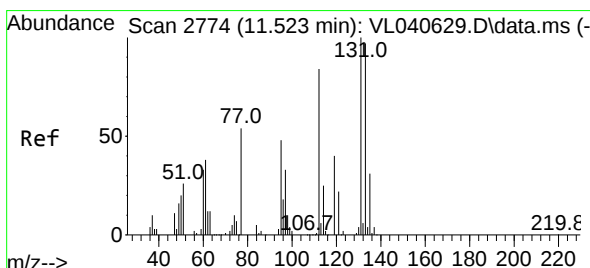
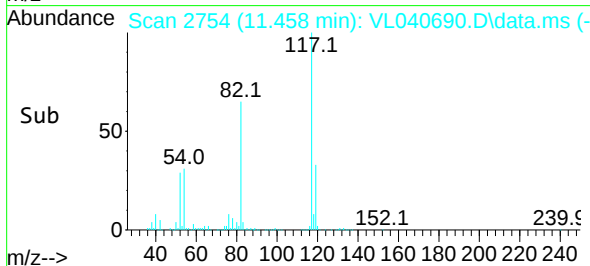
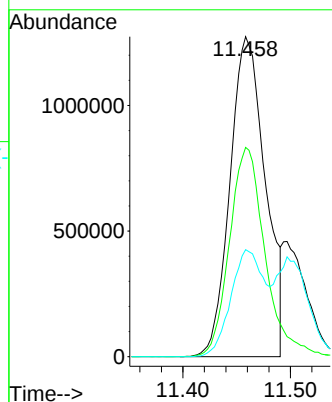
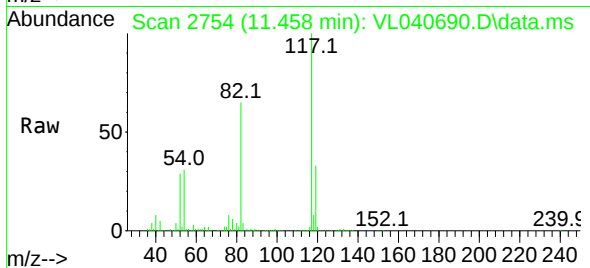




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

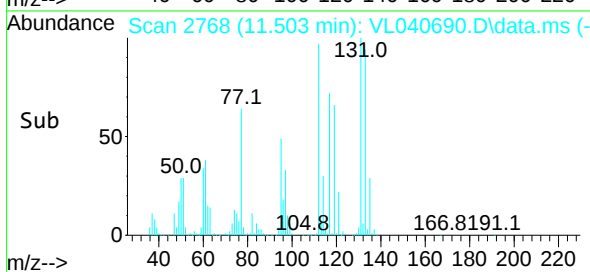
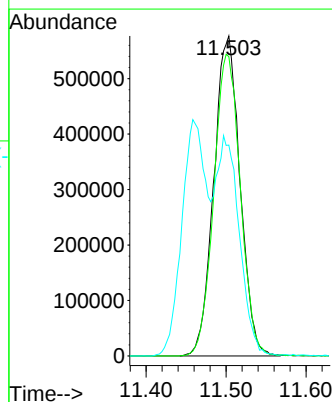
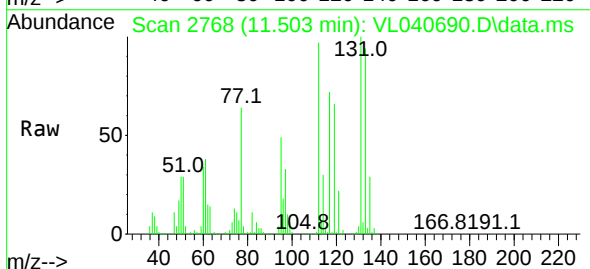
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

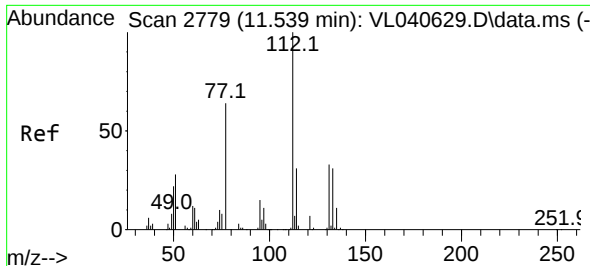
Tgt Ion:117 Resp: 2916525
Ion Ratio Lower Upper
117 100
82 65.9 51.4 77.0
119 31.6 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 9.442 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion:131 Resp: 1312723
Ion Ratio Lower Upper
131 100
133 95.7 76.2 114.2
119 66.7 45.5 68.3

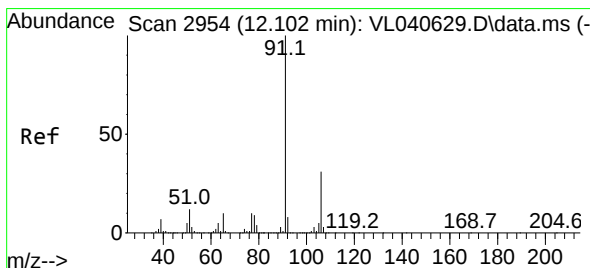
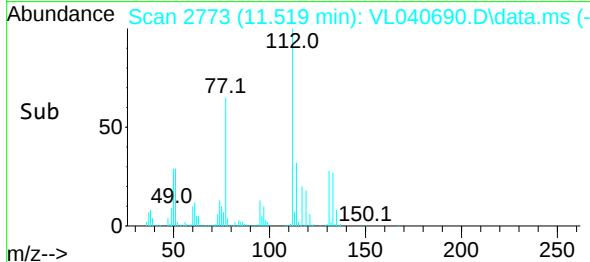
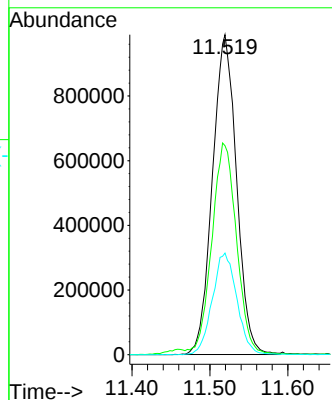
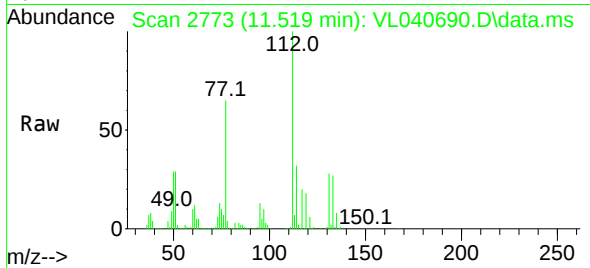




#57
Chlorobenzene
Concen: 9.630 ppbv
RT: 11.519 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

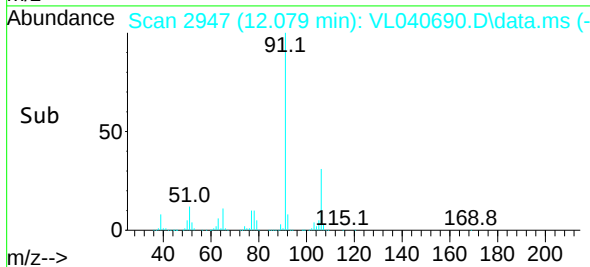
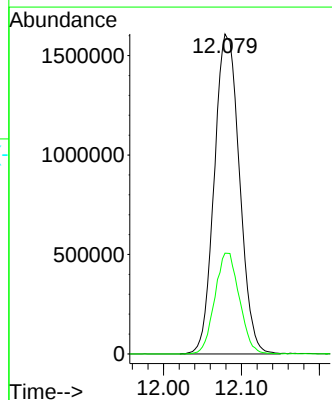
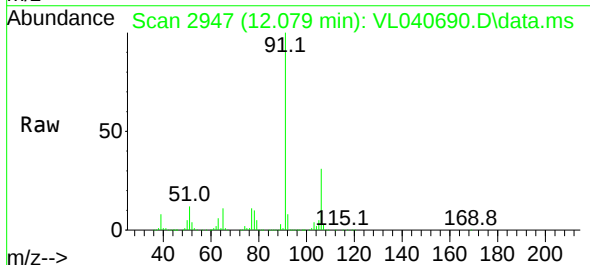
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

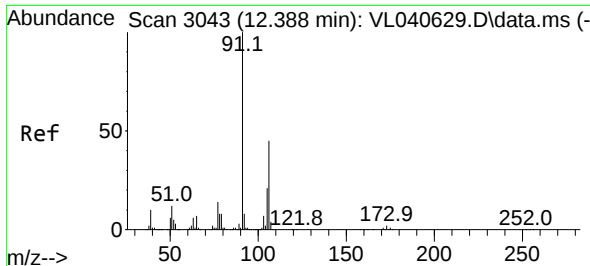
Tgt Ion:112 Resp: 2126986
Ion Ratio Lower Upper
112 100
77 65.1 50.8 76.2
114 31.7 28.2 34.4



#58
Ethyl Benzene
Concen: 10.872 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 91 Resp: 3615196
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1





#59

m/p-Xylene

Concen: 11.644 ppbv

RT: 12.368 min Scan# 3043

Delta R.T. -0.000 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

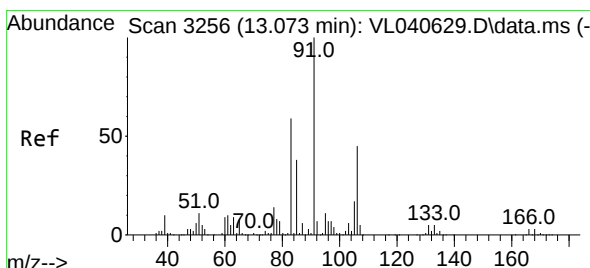
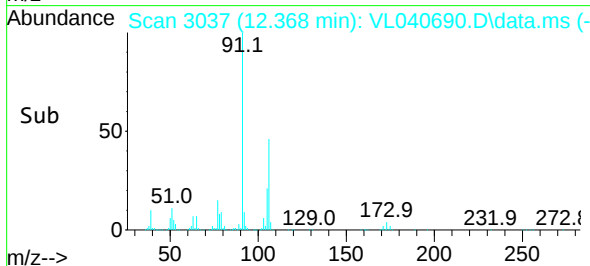
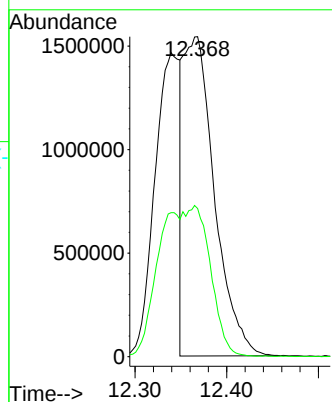
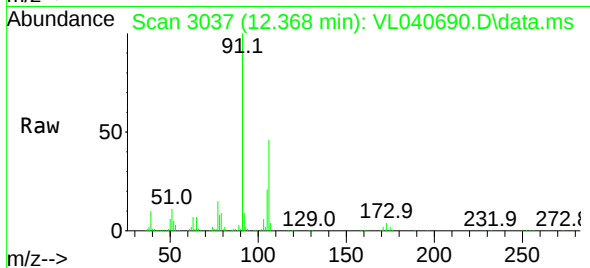
ICVVL091423

Tgt Ion: 91 Resp: 3635526

Ion Ratio Lower Upper

91 100

106 77.6 34.8 52.2#



#60

o-Xylene

Concen: 10.511 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. -0.003 min

Lab File: VL040690.D

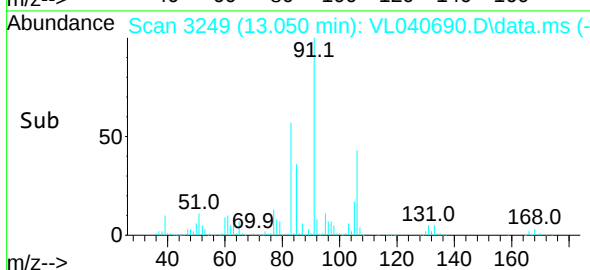
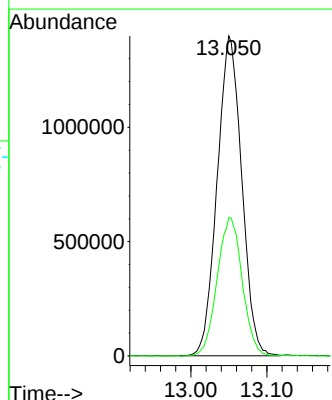
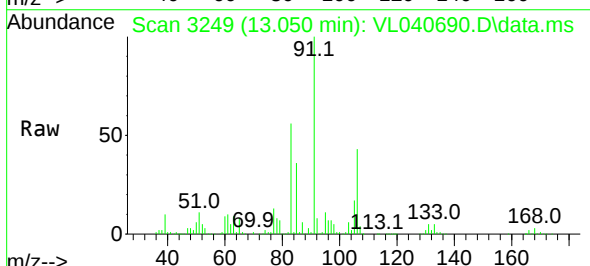
Acq: 14 Sep 2023 19:08

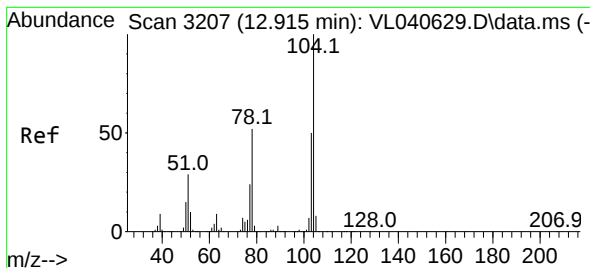
Tgt Ion: 91 Resp: 3129932

Ion Ratio Lower Upper

91 100

106 44.3 22.3 66.9





#61

Styrene

Concen: 12.066 ppbv

RT: 12.892 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423

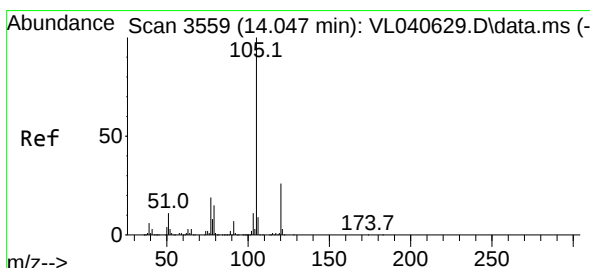
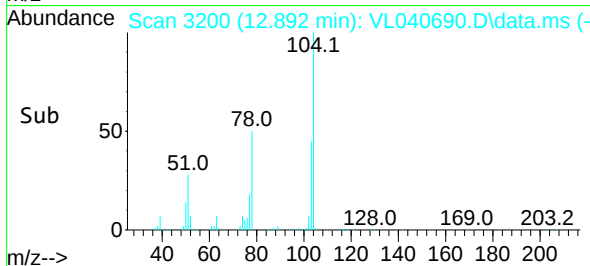
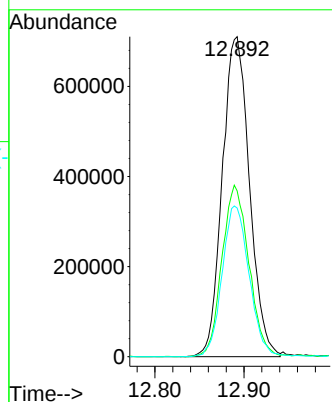
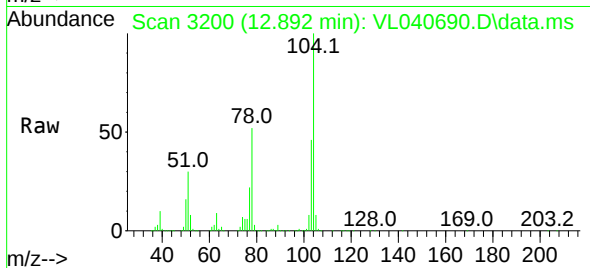
Tgt Ion:104 Resp: 1505756

Ion Ratio Lower Upper

104 100

78 53.6 43.4 65.0

103 47.1 37.2 55.8



#62

Isopropylbenzene

Concen: 10.004 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. -0.003 min

Lab File: VL040690.D

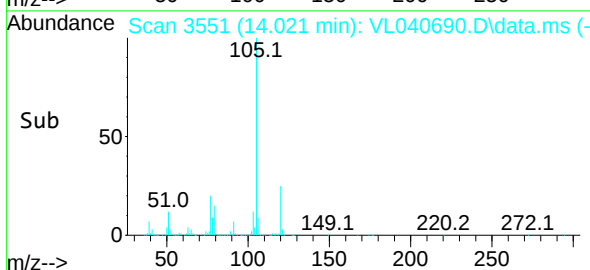
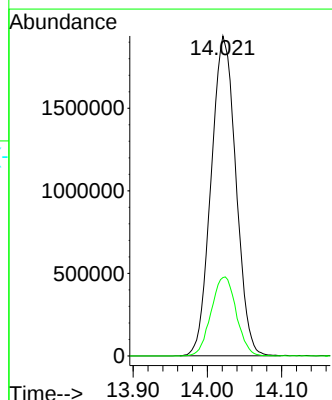
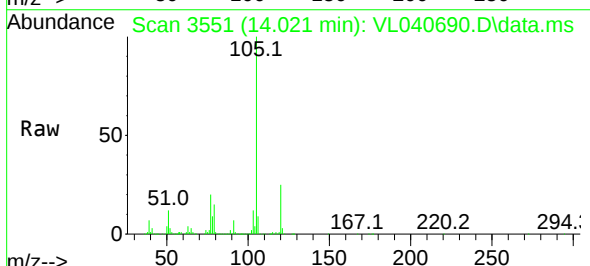
Acq: 14 Sep 2023 19:08

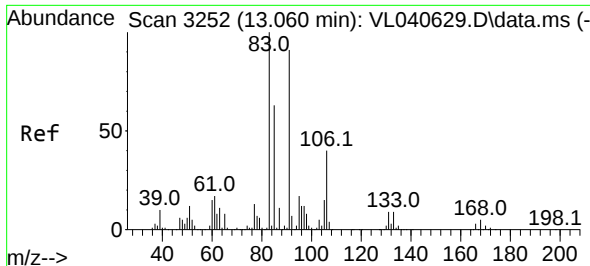
Tgt Ion:105 Resp: 4497865

Ion Ratio Lower Upper

105 100

120 25.0 20.2 30.4

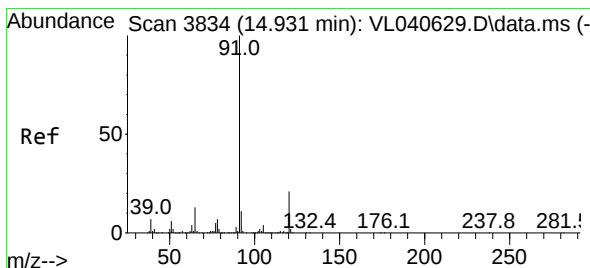
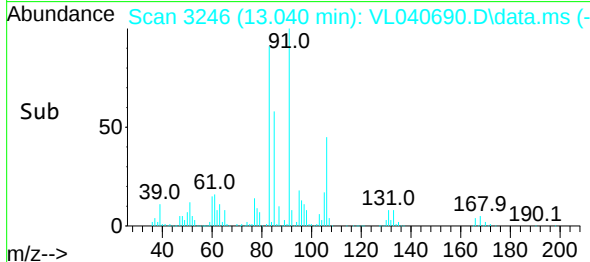
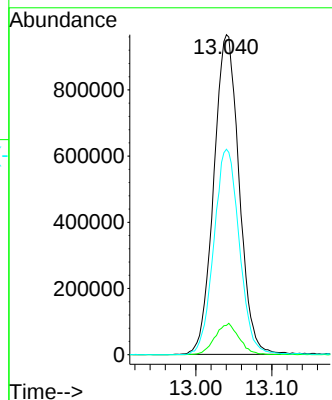
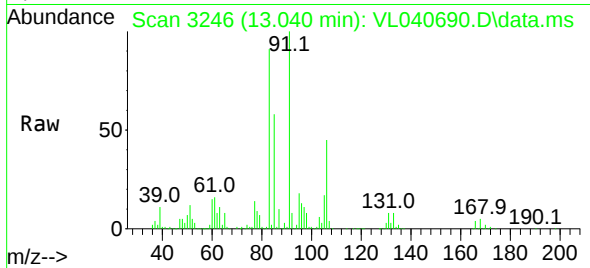




#63
1,1,2,2-Tetrachloroethane
Concen: 9.560 ppbv
RT: 13.040 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

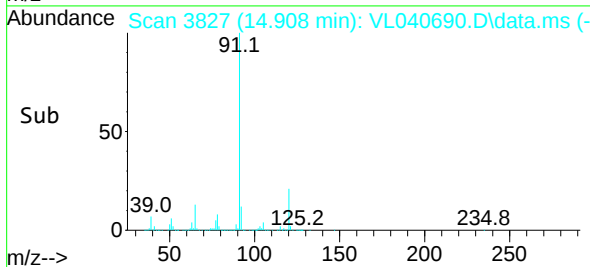
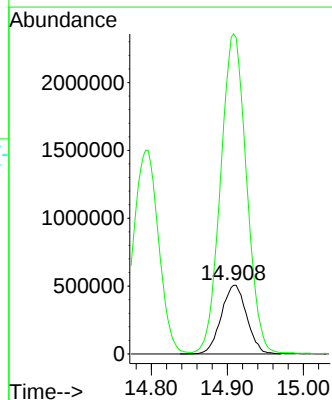
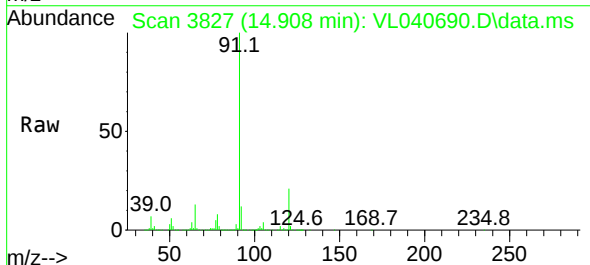
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

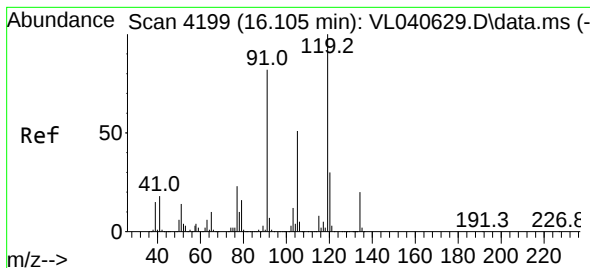
Tgt Ion: 83 Resp: 2231007
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 65.1 33.1 99.3



#64
n-propylbenzene
Concen: 10.476 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion:120 Resp: 1177619
Ion Ratio Lower Upper
120 100
91 475.4 386.9 580.3

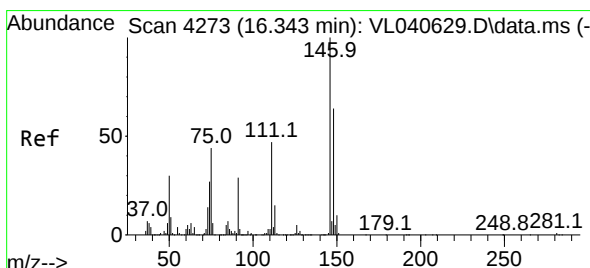
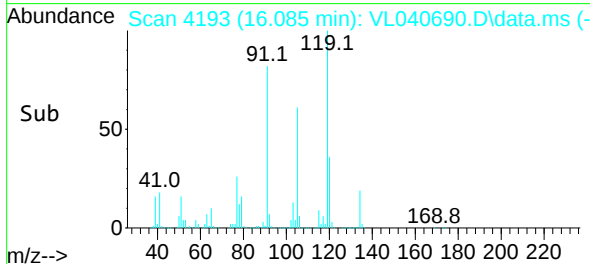
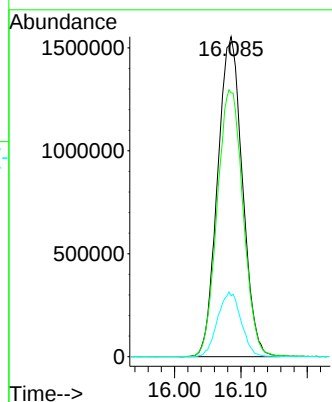
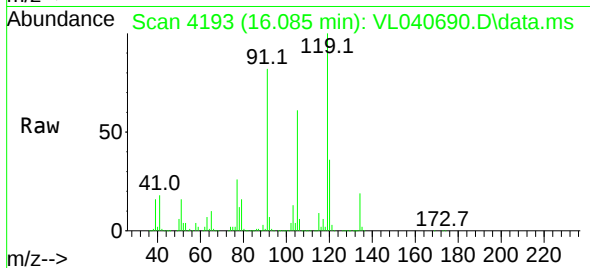




#65
tert-Butylbenzene
Concen: 9.996 ppbv
RT: 16.085 min Scan# 4199
Delta R.T. -0.000 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

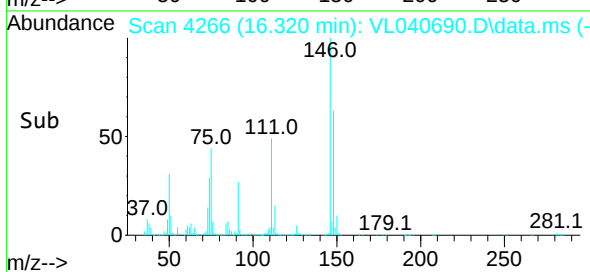
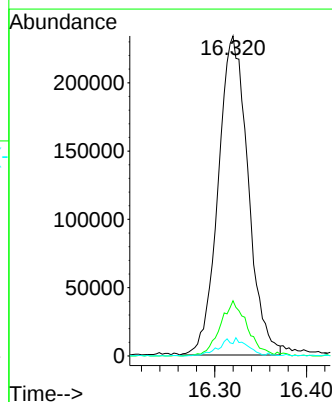
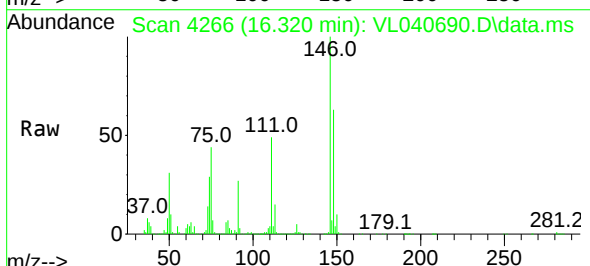
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

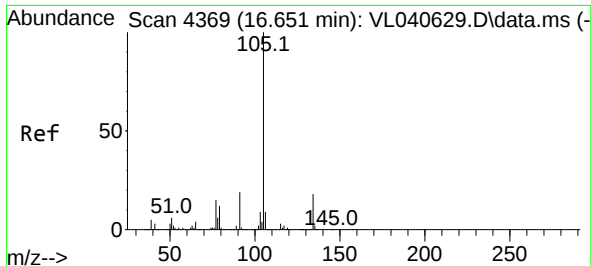
Tgt Ion:119 Resp: 4033735
Ion Ratio Lower Upper
119 100
91 87.0 69.8 104.8
134 19.2 15.4 23.2



#66
Benzyl Chloride
Concen: 11.204 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 91 Resp: 527624
Ion Ratio Lower Upper
91 100
126 16.2 13.6 20.4
128 5.6 4.4 6.6





#67

sec-Butylbenzene

Concen: 9.845 ppbv

RT: 16.625 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

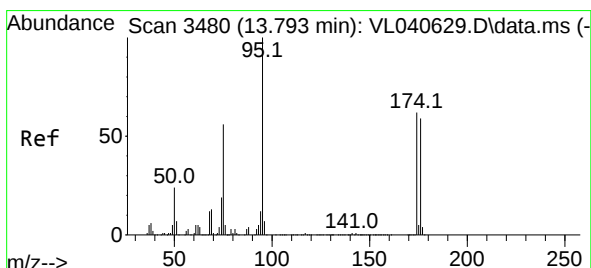
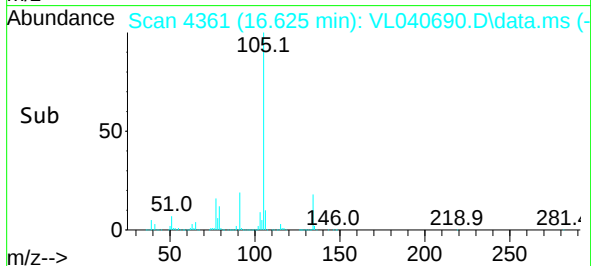
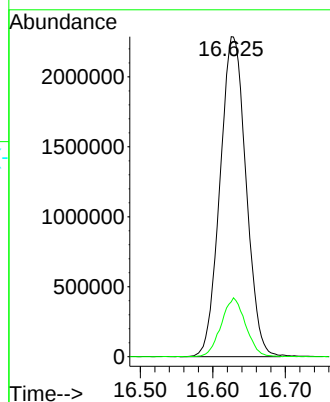
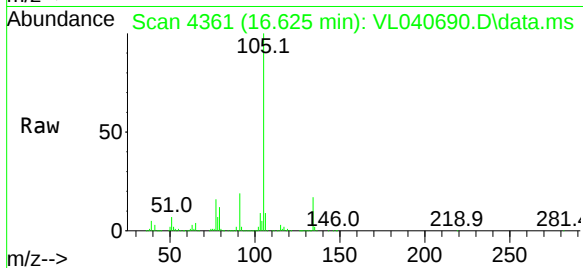
ICVVL091423

Tgt Ion:105 Resp: 5686994

Ion Ratio Lower Upper

105 100

134 17.3 14.1 21.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.327 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.003 min

Lab File: VL040690.D

Acq: 14 Sep 2023 19:08

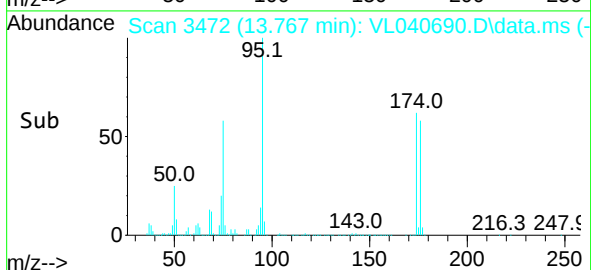
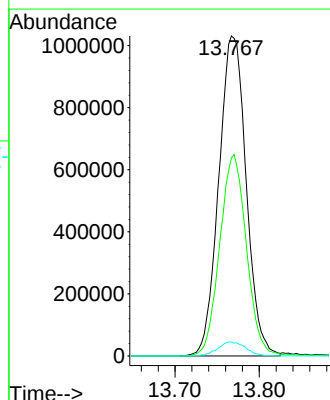
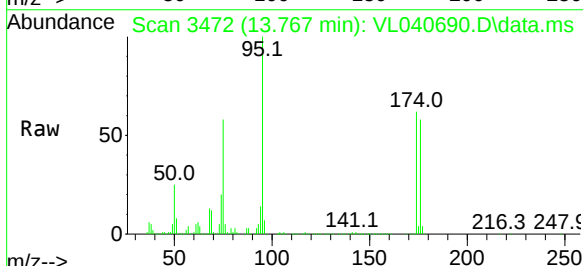
Tgt Ion: 95 Resp: 2327009

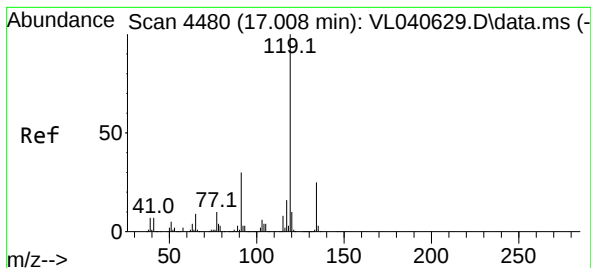
Ion Ratio Lower Upper

95 100

174 61.6 48.9 73.3

175 4.5 3.5 5.3

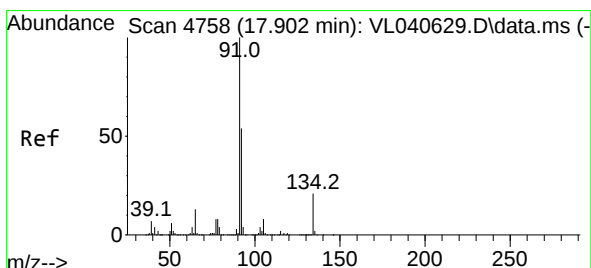
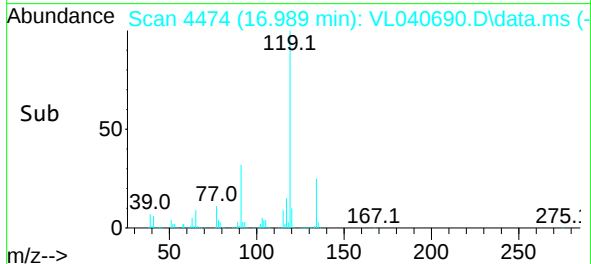
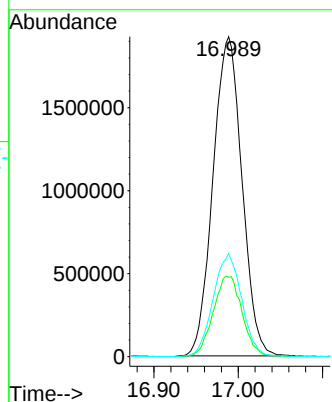
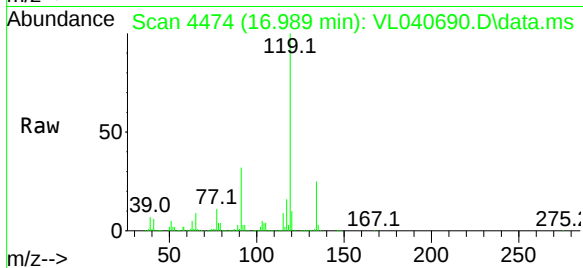




#69
p-Isopropyltoluene
Concen: 10.095 ppbv
RT: 16.989 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

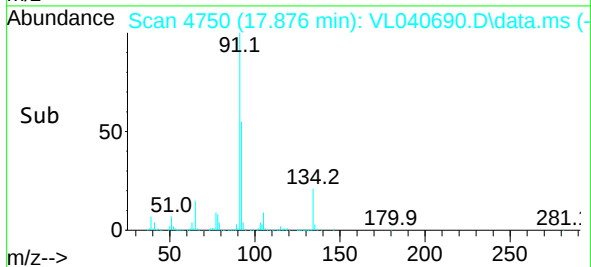
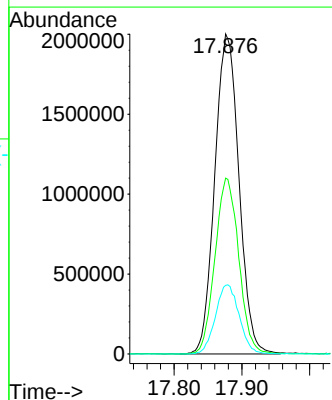
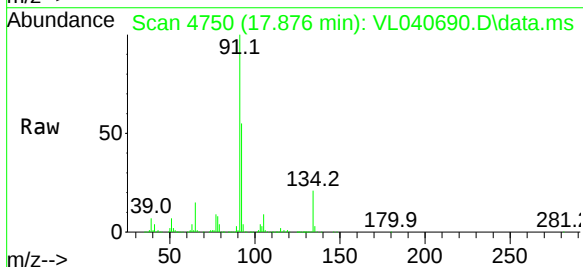
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

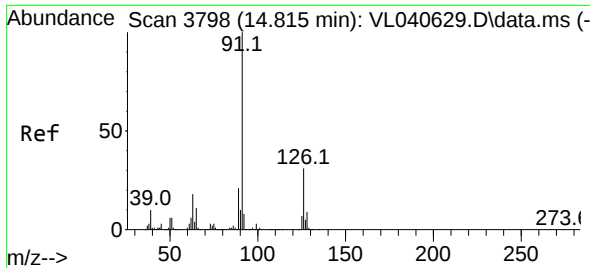
Tgt Ion:119 Resp: 4583101
Ion Ratio Lower Upper
119 100
134 25.3 20.2 30.2
91 31.9 25.0 37.6



#70
n-Butylbenzene
Concen: 9.926 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. -0.007 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion: 91 Resp: 4959800
Ion Ratio Lower Upper
91 100
92 54.2 42.7 64.1
134 21.3 17.0 25.4

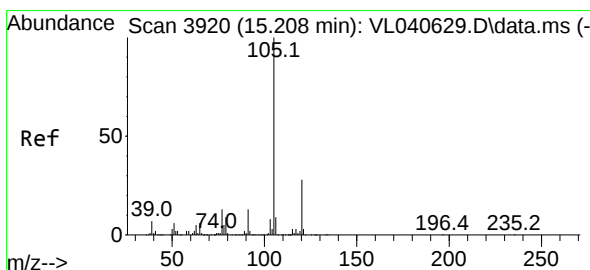
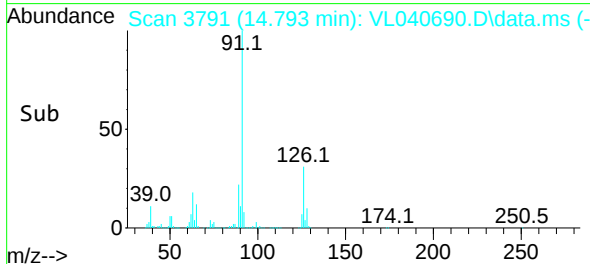
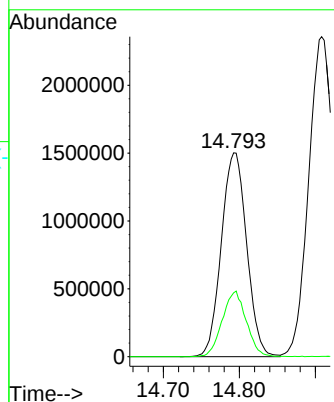
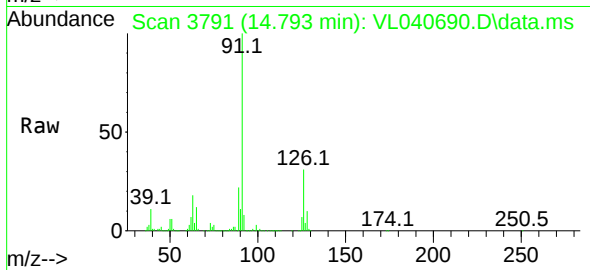




#71
2-Chlorotoluene
Concen: 10.453 ppbv
RT: 14.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

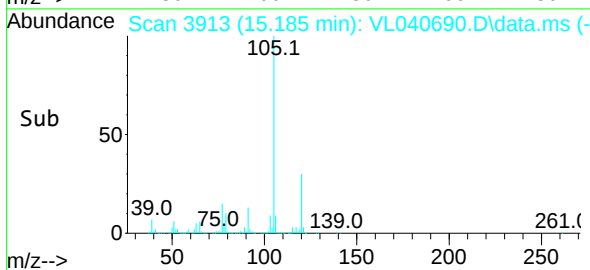
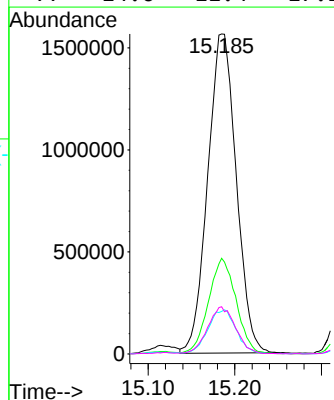
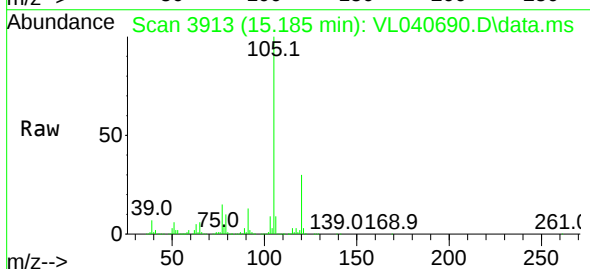
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

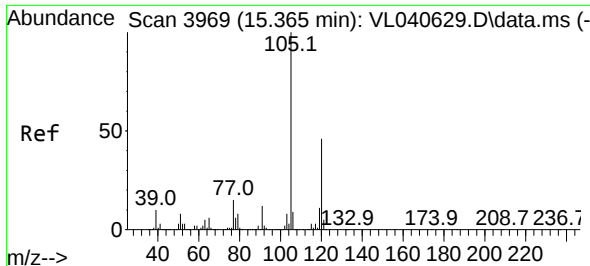
Tgt Ion: 91 Resp: 3476968
Ion Ratio Lower Upper
91 100
126 30.5 12.0 47.8



#72
4-Ethyltoluene
Concen: 10.722 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion:105 Resp: 3580210
Ion Ratio Lower Upper
105 100
120 29.2 23.9 35.9
91 13.8 11.0 16.4
77 14.6 11.4 17.2

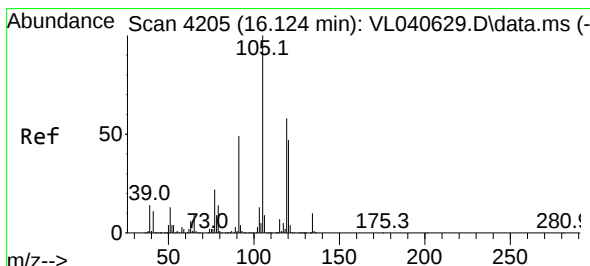
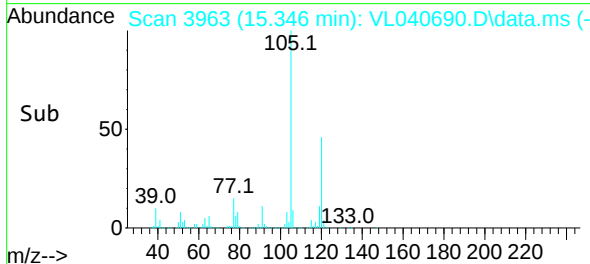
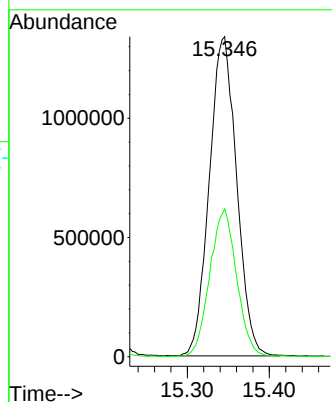
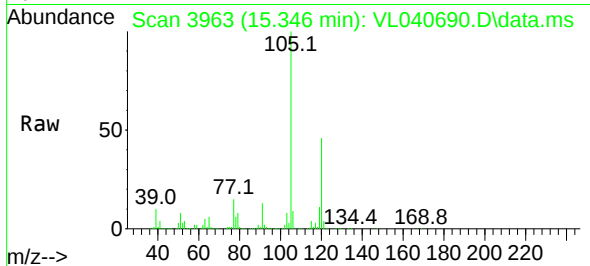




#73
 1,3,5-Trimethylbenzene
 Concen: 10.311 ppbv
 RT: 15.346 min Scan# 3963
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

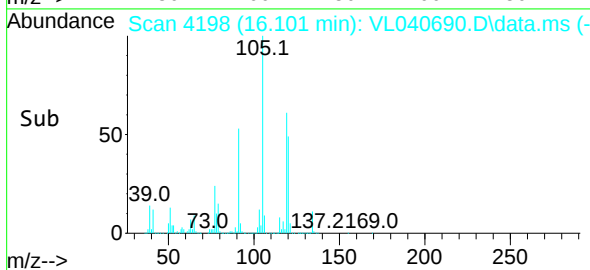
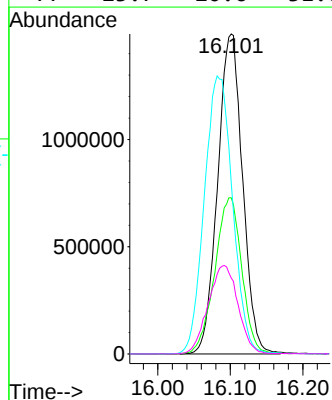
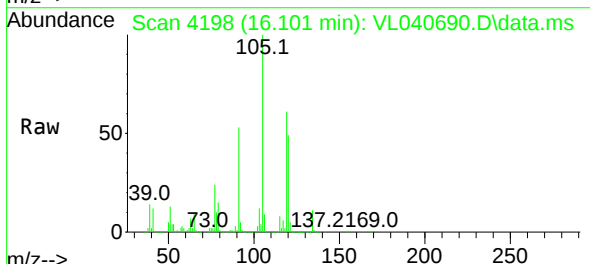
Instrument :
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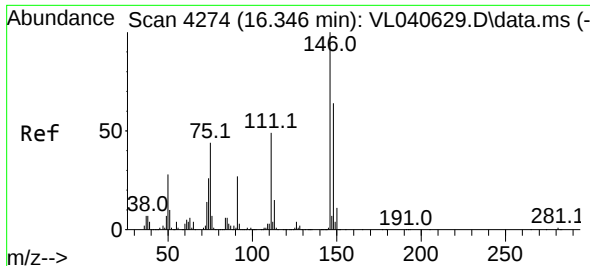
Tgt Ion:105 Resp: 3100173
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.1 54.1



#74
 1,2,4-Trimethylbenzene
 Concen: 9.701 ppbv
 RT: 16.101 min Scan# 4198
 Delta R.T. -0.000 min
 Lab File: VL040690.D
 Acq: 14 Sep 2023 19:08

Tgt Ion:105 Resp: 3555980
 Ion Ratio Lower Upper
 105 100
 120 48.7 38.6 57.8
 91 53.1 50.0 75.0
 77 23.7 20.6 31.0

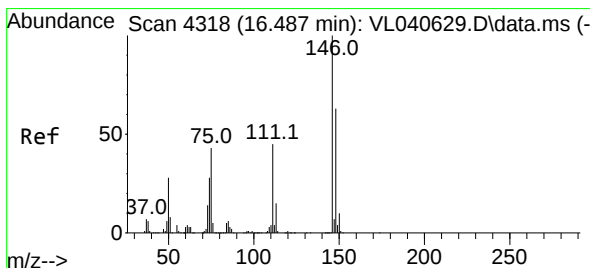
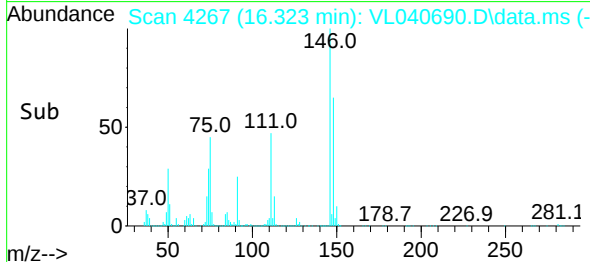
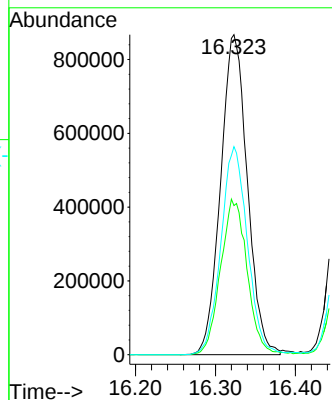
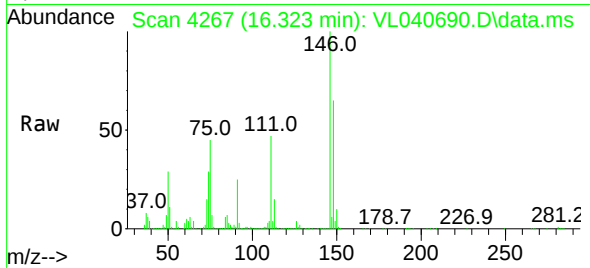




#75
1,3-Dichlorobenzene
Concen: 9.641 ppbv
RT: 16.323 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

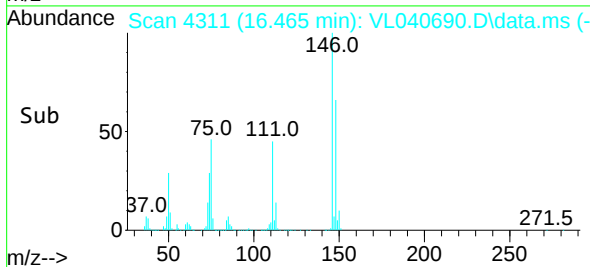
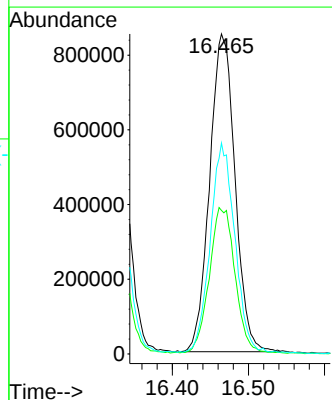
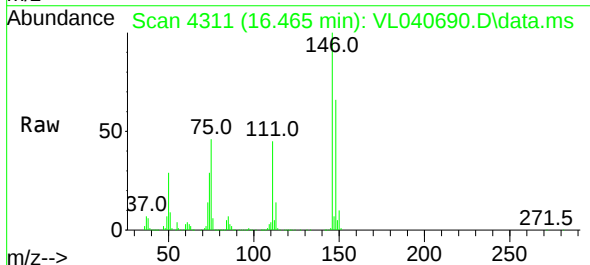
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

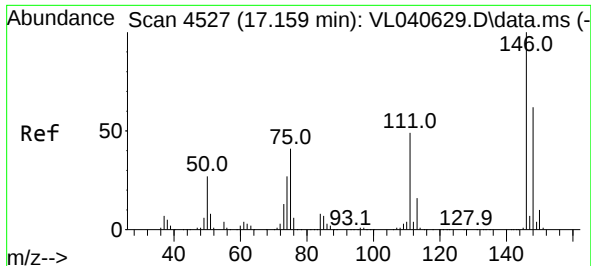
Tgt Ion:146 Resp: 2013351
Ion Ratio Lower Upper
146 100
111 48.5 23.9 71.7
148 64.7 31.8 95.4



#76
1,4-Dichlorobenzene
Concen: 9.586 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion:146 Resp: 1969734
Ion Ratio Lower Upper
146 100
111 47.4 23.8 71.2
148 65.6 32.6 97.7

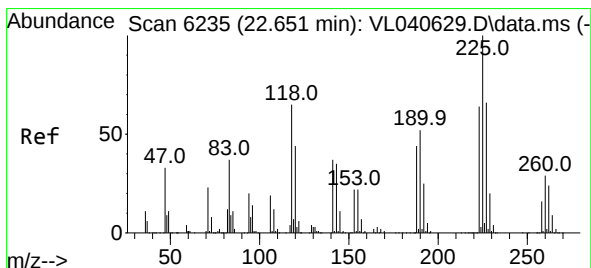
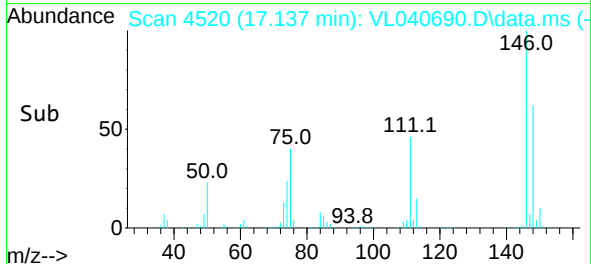
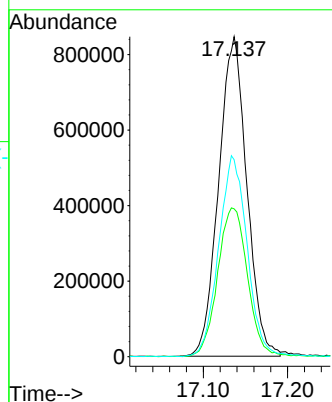
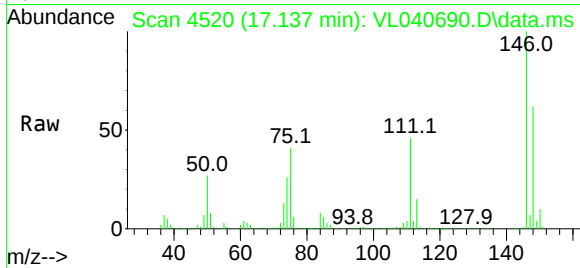




#77
1,2-Dichlorobenzene
Concen: 9.433 ppbv
RT: 17.137 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

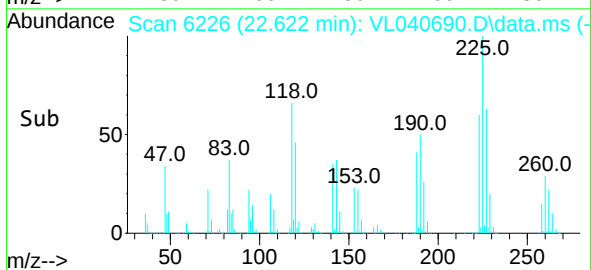
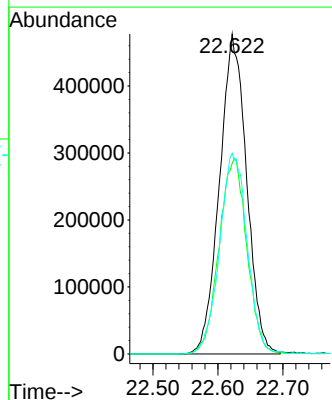
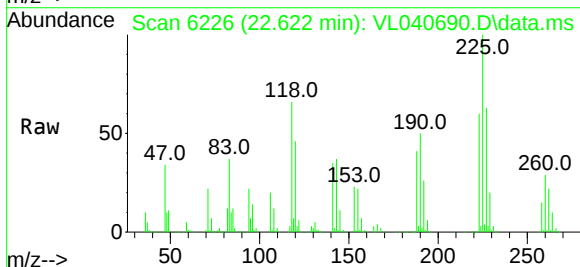
Instrument :
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ClientSampleId :
ICVVL091423

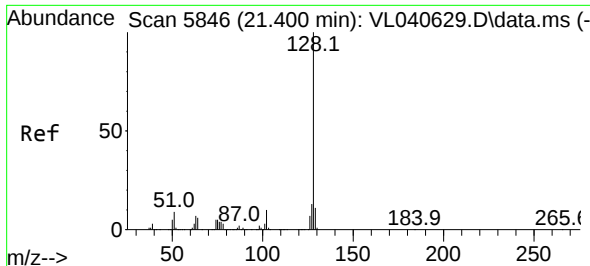
Tgt Ion:146 Resp: 1962134
Ion Ratio Lower Upper
146 100
111 49.7 25.0 75.0
148 63.9 32.4 97.0



#78
Hexachloro-1,3-Butadiene
Concen: 8.767 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. -0.007 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion:225 Resp: 1379783
Ion Ratio Lower Upper
225 100
223 63.2 51.2 76.8
227 64.1 50.7 76.1

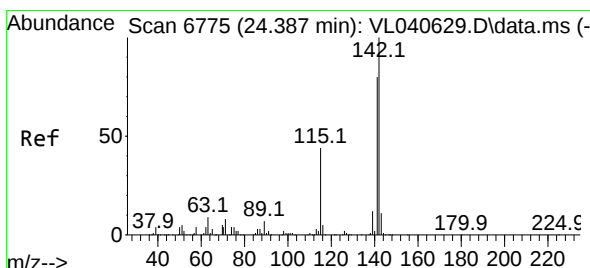
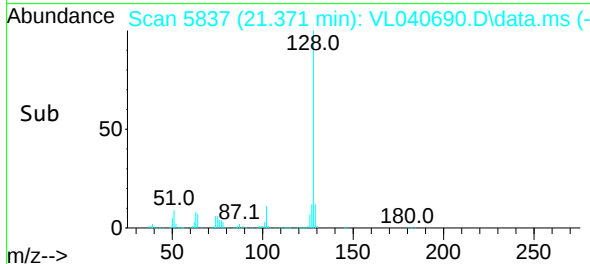
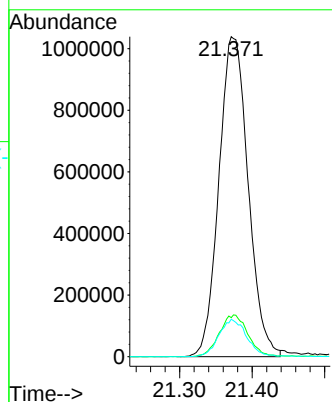
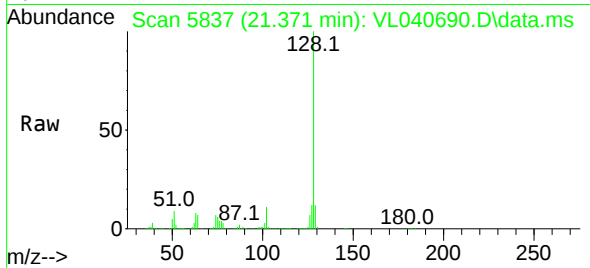




#79
Naphthalene
Concen: 12.752 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. -0.007 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

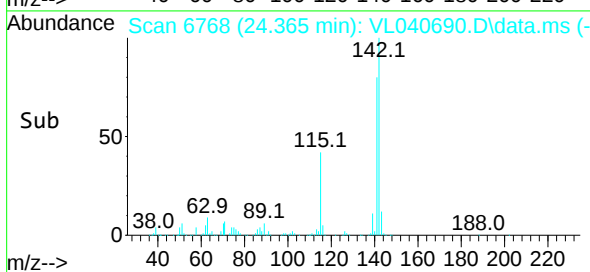
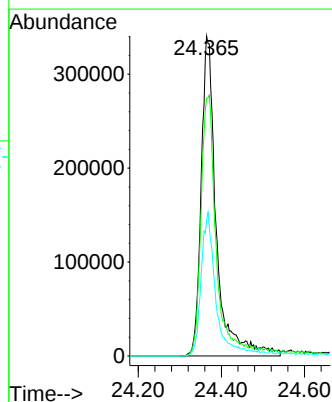
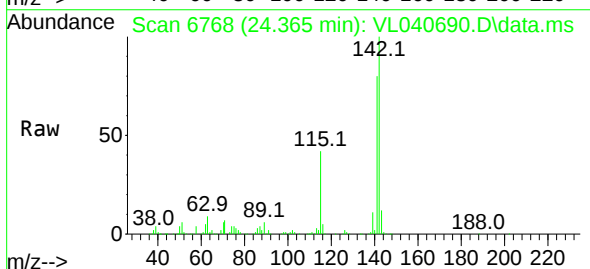
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091423

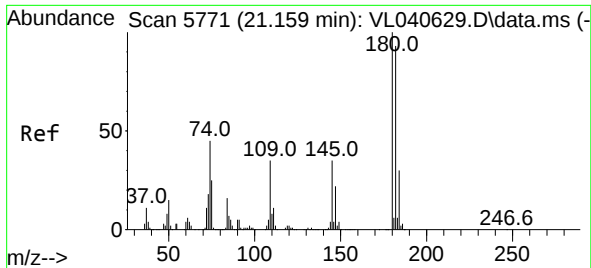
Tgt Ion:128 Resp: 2908581
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.6
129 11.7 8.4 12.6



#80
Naphthalene,2-methyl-
Concen: 15.505 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.010 min
Lab File: VL040690.D
Acq: 14 Sep 2023 19:08

Tgt Ion:142 Resp: 866188
Ion Ratio Lower Upper
142 100
141 84.3 67.0 100.6
115 45.9 37.4 56.2





#81

1,2,4-Trichlorobenzene

Concen: 10.322 ppbv

RT: 21.133 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL040690.D

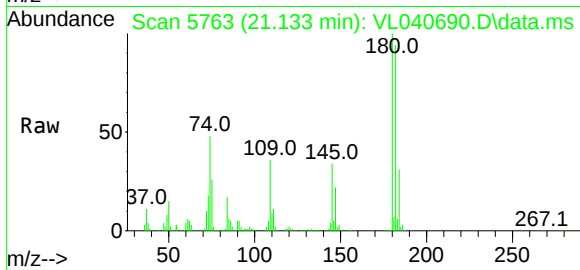
Acq: 14 Sep 2023 19:08

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091423



Tgt Ion:180 Resp: 1537975

Ion Ratio Lower Upper

180 100

182 96.3 77.9 116.9

184 30.5 24.4 36.6

