

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
 Data File : VL040890.D
 Acq On : 17 Nov 2023 11:24
 Operator : SY/MD
 Sample : VL1117ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1117ABS01

Quant Time: Nov 20 03:56:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	970480	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2386081	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2372194	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1817885	9.788	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.767	85	1909878	9.707	ppbv	100
3) Chlorodifluoromethane	2.713	51	1519977	9.810	ppbv	100
4) Chloromethane	2.851	50	552493	9.916	ppbv	99
5) Vinyl Chloride	2.957	62	567895	10.248	ppbv	98
6) Bromomethane	3.153	94	217200	10.268	ppbv	100
7) Chloroethane	3.230	64	196632	10.247	ppbv	89
8) Dichlorotetrafluoroethane	2.893	85	1400193	9.857	ppbv	99
9) Propene	2.732	41	523294	10.021	ppbv	97
10) Heptane	7.590	43	1267593	9.867	ppbv	99
11) Trichlorofluoromethane	3.594	101	1490098	9.857	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.092	101	1058169	9.854	ppbv	97
13) Ethanol	3.272	45	96646	9.531	ppbv #	100
14) Bromoethene	3.398	108	442358	10.241	ppbv	99
15) Acetone	3.497	43	1014217	9.812	ppbv	100
16) 1,3-Butadiene	3.021	39	557091	10.654	ppbv	100
17) tert-Butyl alcohol	3.906	59	888561	10.053	ppbv	99
18) 1,1-Dichloroethene	3.909	96	468136	9.780	ppbv	95
19) Isopropyl Alcohol	3.603	45	631654	10.155	ppbv	99
20) Methylene Chloride	3.960	84	419968	9.846	ppbv	98
21) Allyl Chloride	4.025	41	664105	10.040	ppbv	98
22) trans-1,2-Dichloroethene	4.468	96	484322	8.915	ppbv	95
23) Vinyl Acetate	4.648	43	1322162	9.906	ppbv	99
24) 1,1-Dichloroethane	4.587	63	1003023	8.432	ppbv	99
25) Ethyl Acetate	5.224	43	2226734	10.405	ppbv	99
26) Hexane	5.234	57	959668	10.132	ppbv	99
27) Carbon Disulfide	4.150	76	1212241	10.093	ppbv	99
28) Methyl tert-Butyl Ether	4.607	73	726635	8.483	ppbv	99
29) Chloroform	5.295	83	1599985	9.967	ppbv	99
30) Cyclohexane	6.619	84	782561	9.604	ppbv	98
31) cis-1,2-Dichloroethene	5.099	61	985774	10.517	ppbv	99
32) 1,1,1-Trichloroethane	6.021	97	1574380	10.512	ppbv	100
34) 2-Butanone	4.806	43	1359431	11.184	ppbv	99
35) Carbon Tetrachloride	6.510	117	1682738	11.494	ppbv	98
36) Benzene	6.385	78	1987691	10.264	ppbv	99
37) 1,2-Dichloroethane	5.825	62	1237886	10.838	ppbv	99
38) Trichloroethene	7.304	130	739544	9.825	ppbv	97
39) 1,2-Dichloropropane	7.086	63	779069	10.146	ppbv	97
40) 1,4-Dioxane	7.295	88	311796	10.234	ppbv #	98
41) Tetrahydrofuran	5.574	42	838999	11.211	ppbv	98
42) Bromodichloromethane	7.262	83	1778194	10.879	ppbv	97
43) Methyl Methacrylate	7.484	69	814155	11.033	ppbv	98
44) 2,2,4-Trimethylpentane	7.340	57	3300814	10.261	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	541578	12.489	ppbv	99

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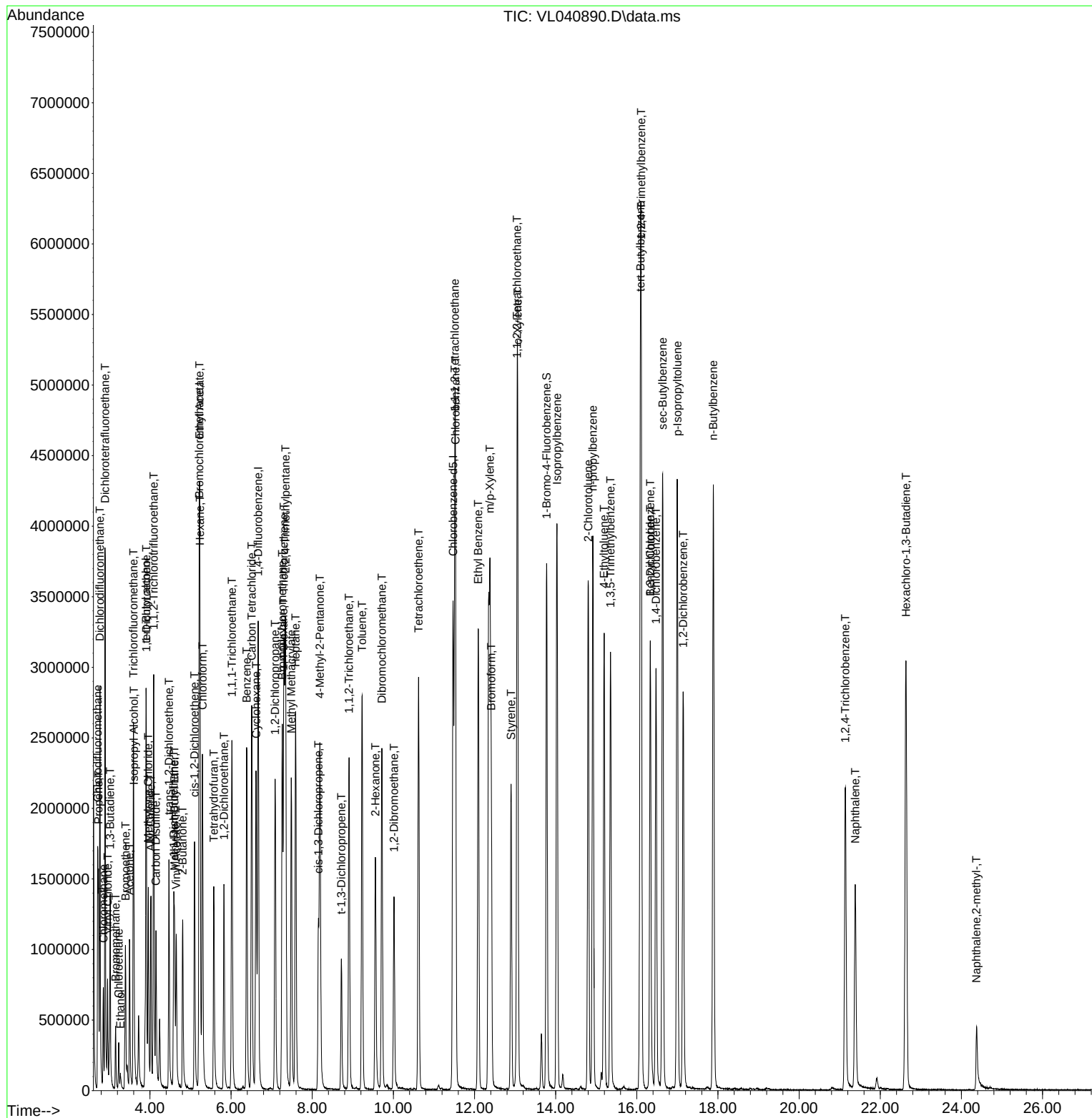
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	659109	11.722	ppbv	97
47) 1,1,2-Trichloroethane	8.905	97	825245	10.257	ppbv	98
48) Dibromochloromethane	9.716	129	1471341	11.021	ppbv	100
49) Bromoform	12.413	173	1172608	11.678	ppbv	100
50) 4-Methyl-2-Pentanone	8.188	43	2094331	11.133	ppbv	100
51) 2-Hexanone	9.558	43	1540184	11.615	ppbv #	99
52) Tetrachloroethene	10.622	164	666960	10.228	ppbv	96
53) Toluene	9.227	91	2252996	10.573	ppbv	99
54) 1,2-Dibromoethane	10.015	107	1125777	10.873	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.513	131	1049534	10.337	ppbv	96
57) Chlorobenzene	11.532	112	1712920	9.742	ppbv	98
58) Ethyl Benzene	12.092	91	3068250	9.913	ppbv	96
59) m/p-Xylene	12.378	91	2553043	9.686	ppbv #	32
60) o-Xylene	13.063	91	2474966	9.864	ppbv	98
61) Styrene	12.902	104	1267338	10.474	ppbv	99
62) Isopropylbenzene	14.034	105	3598272	9.707	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.050	83	1799851	10.121	ppbv	100
64) n-propylbenzene	14.918	120	919754	9.900	ppbv	96
65) tert-Butylbenzene	16.092	119	3121333	9.986	ppbv	98
66) Benzyl Chloride	16.333	91	125452	10.892	ppbv #	97
67) sec-Butylbenzene	16.638	105	4384380	9.819	ppbv	99
69) p-Isopropyltoluene	16.998	119	3520700	9.889	ppbv	100
70) n-Butylbenzene	17.886	91	3789494	10.079	ppbv	99
71) 2-Chlorotoluene	14.806	91	2816052	9.965	ppbv	99
72) 4-Ethyltoluene	15.195	105	2838372	10.290	ppbv	98
73) 1,3,5-Trimethylbenzene	15.352	105	2418552	9.915	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	2672629	9.818	ppbv	97
75) 1,3-Dichlorobenzene	16.333	146	1501379	9.988	ppbv	99
76) 1,4-Dichlorobenzene	16.474	146	1476176	10.258	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	1434970	9.818	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	809564	8.847	ppbv	99
79) Naphthalene	21.381	128	1808130	12.923	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	373225	15.111	ppbv	98
81) 1,2,4-Trichlorobenzene	21.140	180	920397	10.820	ppbv	100

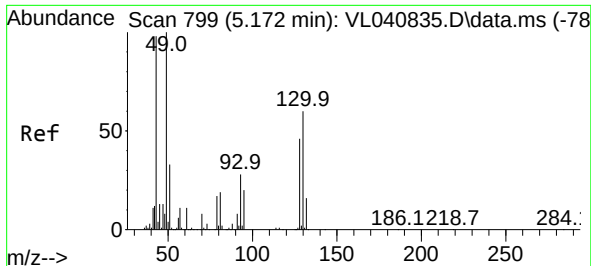
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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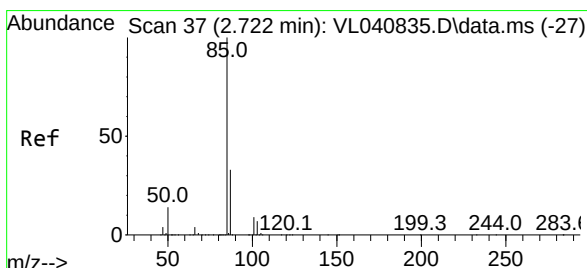
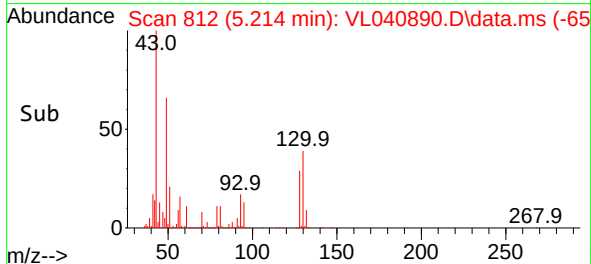
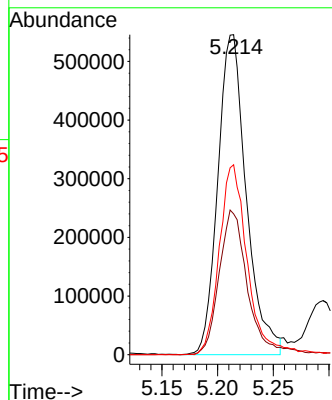
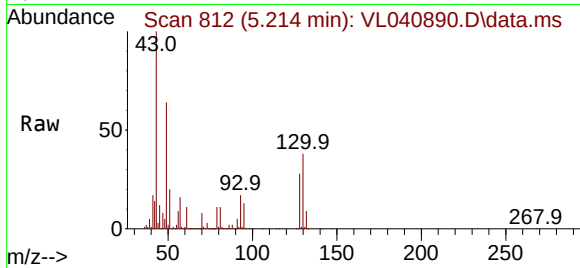




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

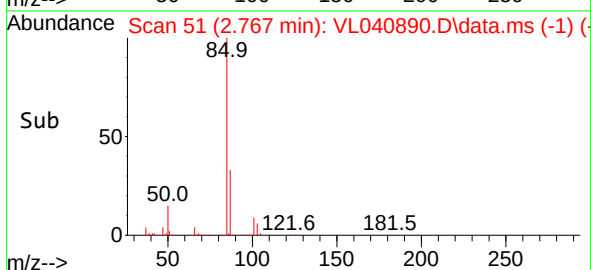
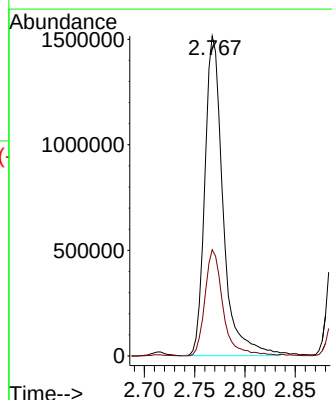
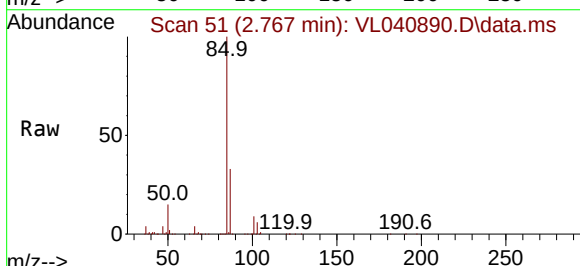
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

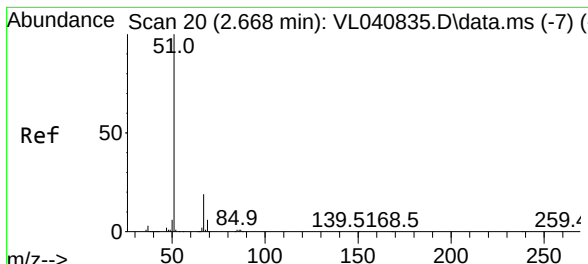
Tgt Ion: 49 Resp: 970480
Ion Ratio Lower Upper
49 100
128 46.1 23.8 71.2
130 59.7 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 9.707 ppbv
RT: 2.767 min Scan# 51
Delta R.T. -0.007 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 85 Resp: 1909878
Ion Ratio Lower Upper
85 100
87 33.1 26.7 40.1

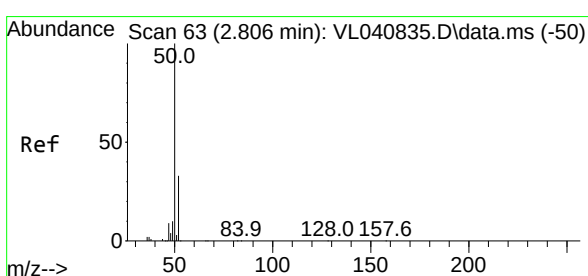
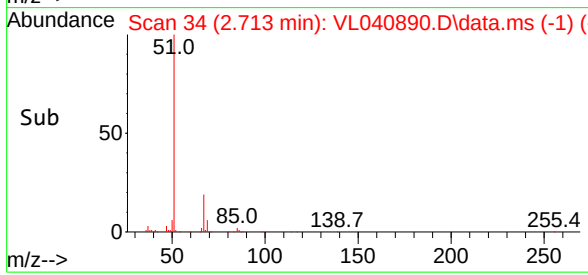
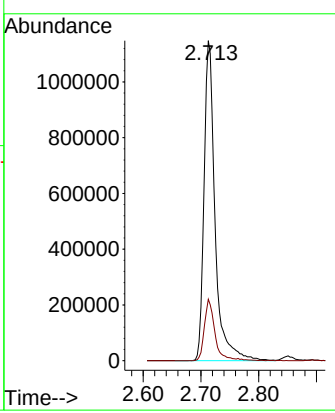
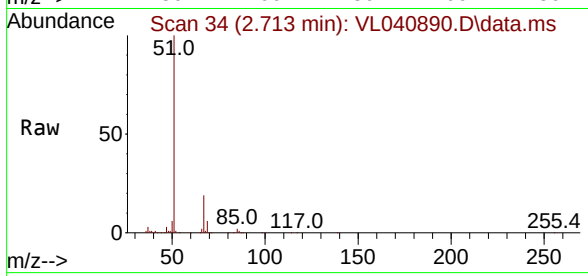




#3
 Chlorodifluoromethane
 Concen: 9.810 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. -0.007 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

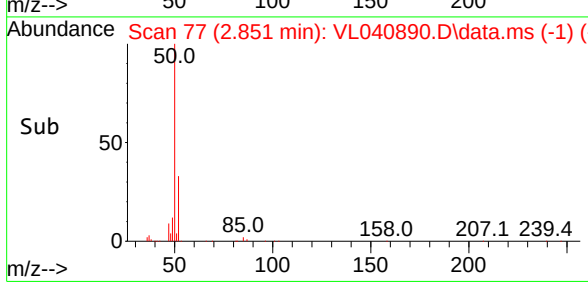
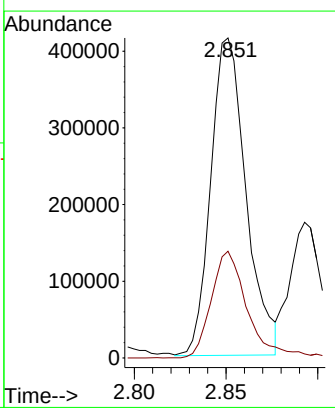
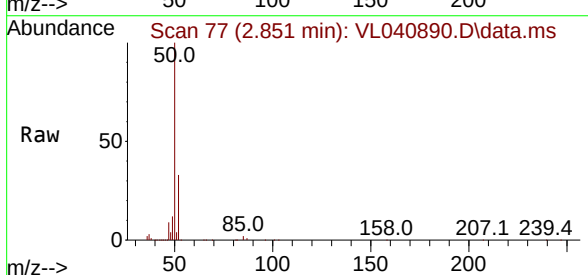
Instrument :
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 VL1117ABS01

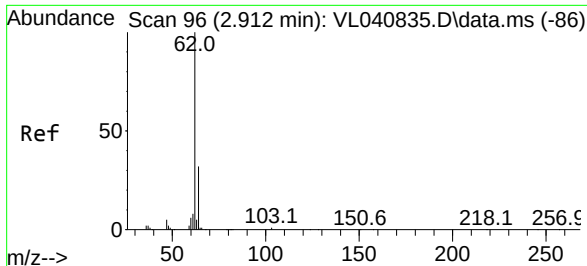
Tgt Ion: 51 Resp: 1519977
 Ion Ratio Lower Upper
 51 100
 67 18.6 15.0 22.4



#4
 Chloromethane
 Concen: 9.916 ppbv
 RT: 2.851 min Scan# 77
 Delta R.T. -0.003 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

Tgt Ion: 50 Resp: 552493
 Ion Ratio Lower Upper
 50 100
 52 33.6 26.5 39.7

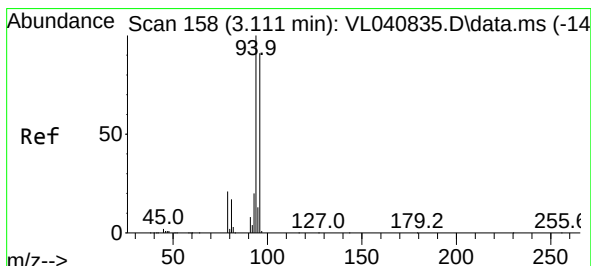
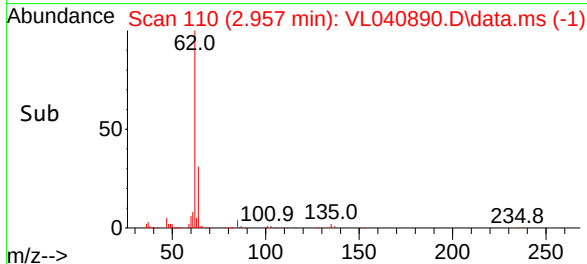
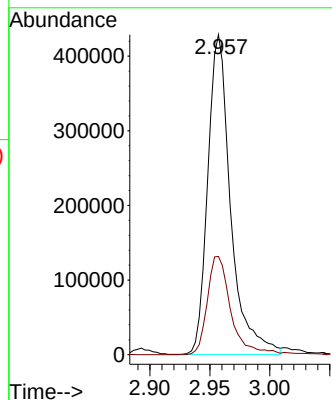
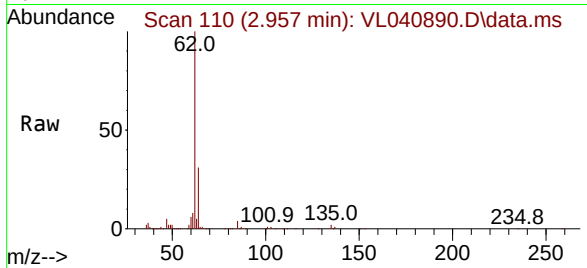




#5
 Vinyl Chloride
 Concen: 10.248 ppbv
 RT: 2.957 min Scan# 111
 Delta R.T. -0.003 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

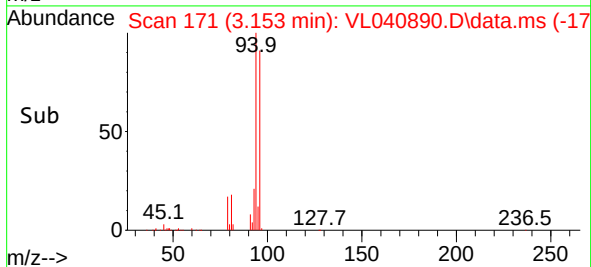
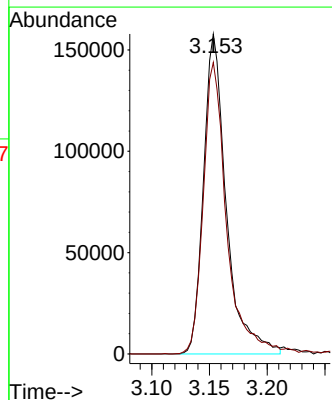
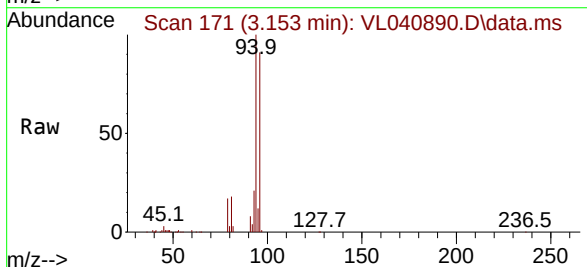
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1117ABS01

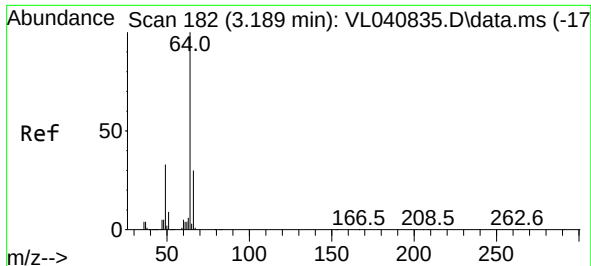
Tgt Ion: 62 Resp: 567895
 Ion Ratio Lower Upper
 62 100
 64 30.7 25.4 38.2



#6
 Bromomethane
 Concen: 10.268 ppbv
 RT: 3.153 min Scan# 171
 Delta R.T. -0.003 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

Tgt Ion: 94 Resp: 217200
 Ion Ratio Lower Upper
 94 100
 96 91.0 73.0 109.4

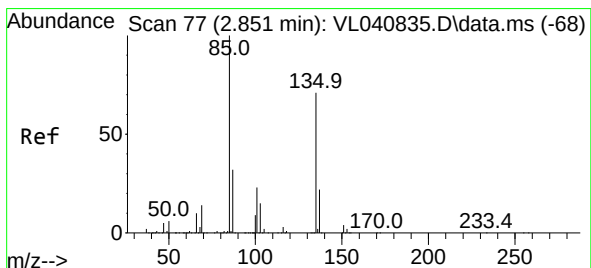
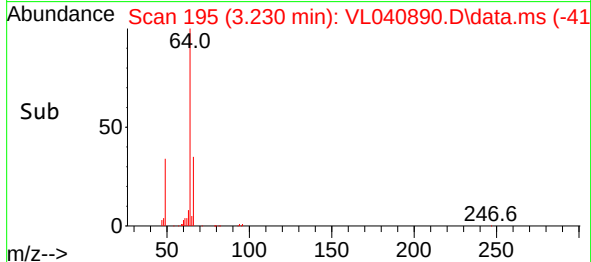
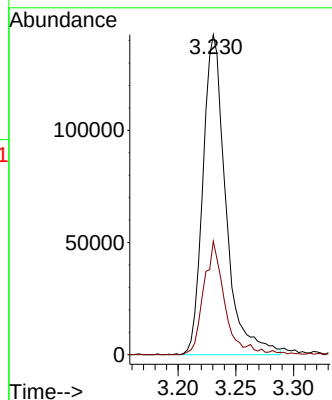
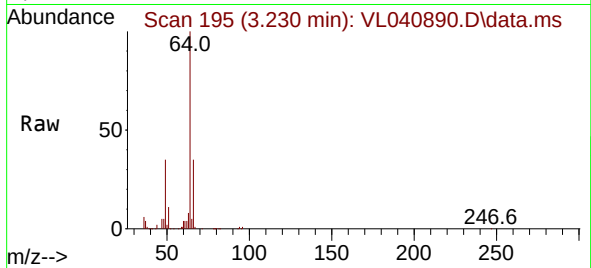




#7
Chloroethane
Concen: 10.247 ppbv
RT: 3.230 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040890.D
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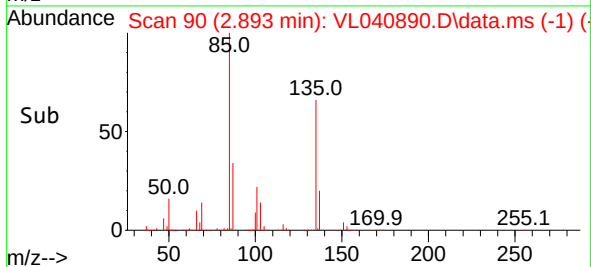
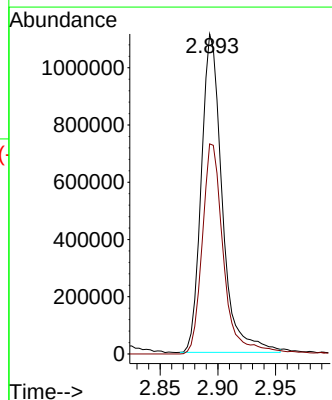
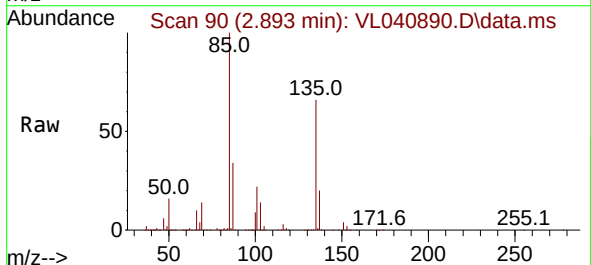
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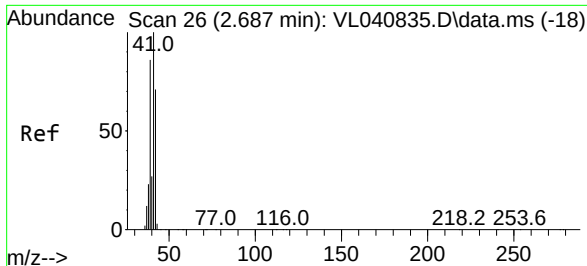
Tgt Ion: 64 Resp: 196632
Ion Ratio Lower Upper
64 100
66 35.5 23.8 35.6



#8
Dichlorotetrafluoroethane
Concen: 9.857 ppbv
RT: 2.893 min Scan# 90
Delta R.T. -0.007 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 85 Resp: 1400193
Ion Ratio Lower Upper
85 100
135 68.1 55.3 82.9

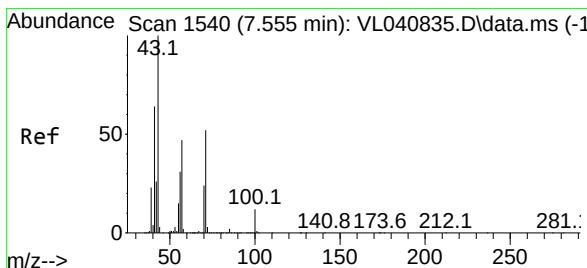
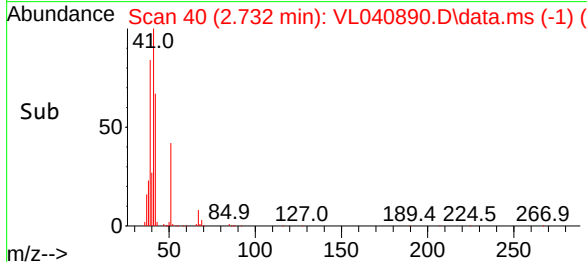
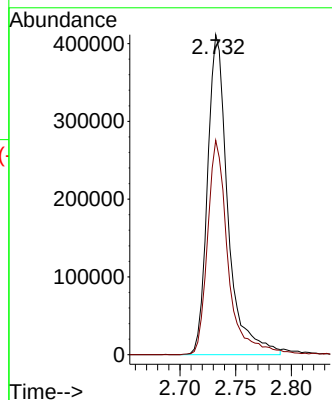
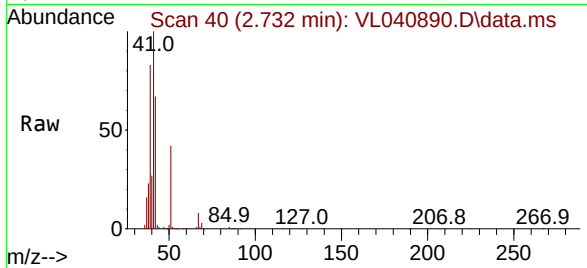




#9
Propene
Concen: 10.021 ppbv
RT: 2.732 min Scan# 40
Delta R.T. -0.007 min
Lab File: VL040890.D
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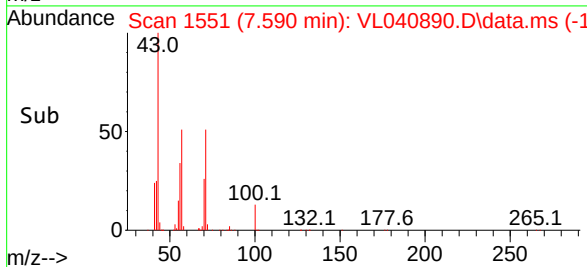
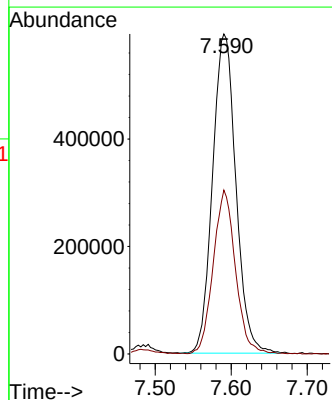
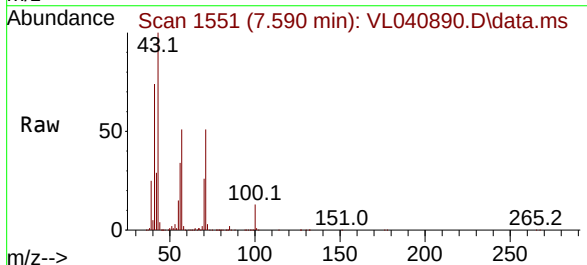
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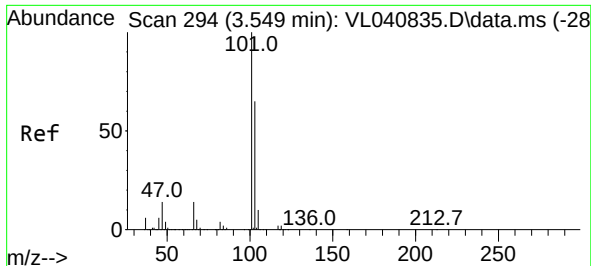
Tgt Ion: 41 Resp: 523294
Ion Ratio Lower Upper
41 100
42 68.1 56.5 84.7



#10
Heptane
Concen: 9.867 ppbv
RT: 7.590 min Scan# 1551
Delta R.T. 0.003 min
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Tgt Ion: 43 Resp: 1267593
Ion Ratio Lower Upper
43 100
57 48.7 39.4 59.0

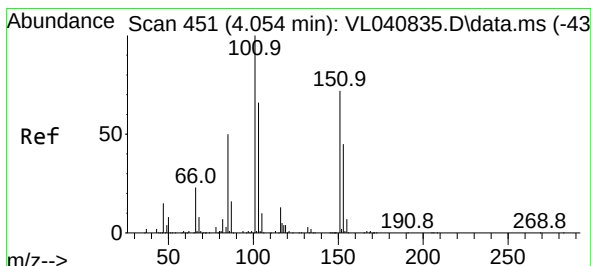
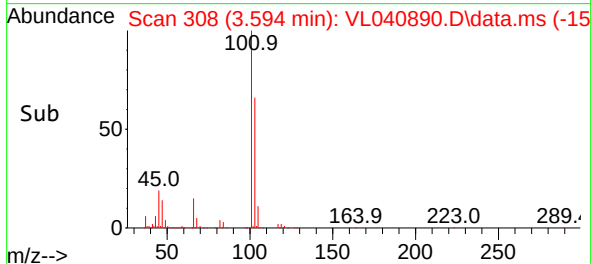
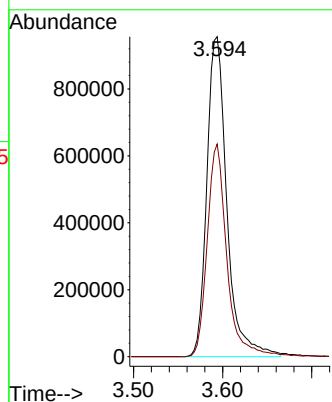
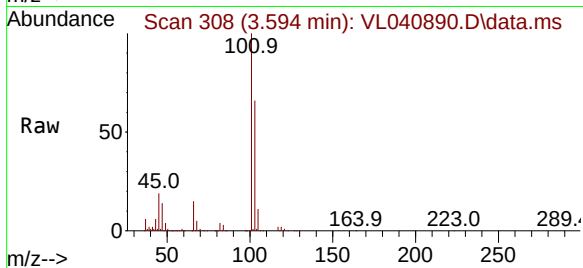




#11
 Trichlorofluoromethane
 Concen: 9.857 ppbv
 RT: 3.594 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

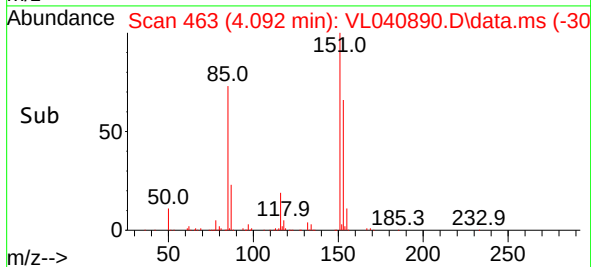
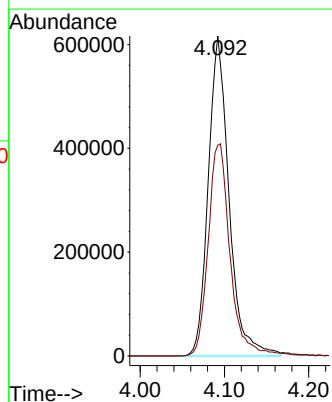
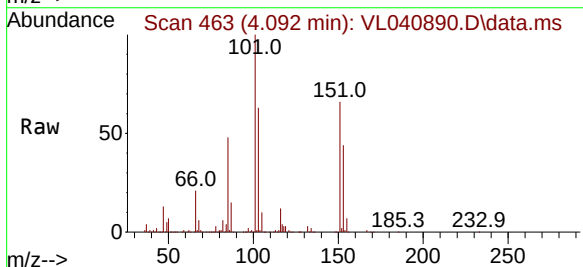
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1117ABS01

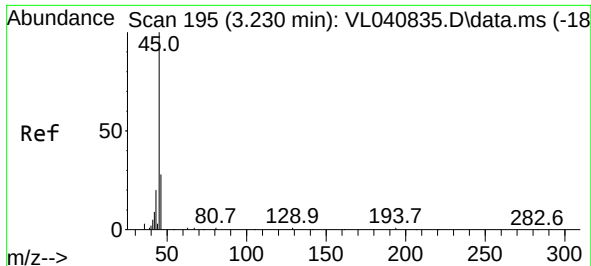
Tgt Ion:101 Resp: 1490098
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.854 ppbv
 RT: 4.092 min Scan# 463
 Delta R.T. -0.003 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

Tgt Ion:101 Resp: 1058169
 Ion Ratio Lower Upper
 101 100
 151 70.1 57.8 86.6

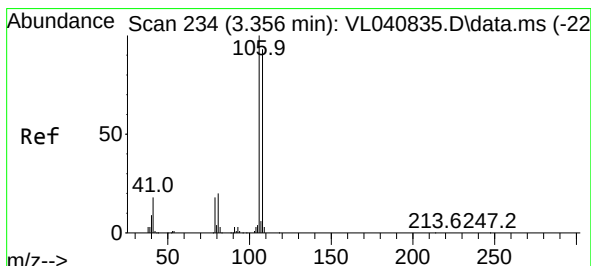
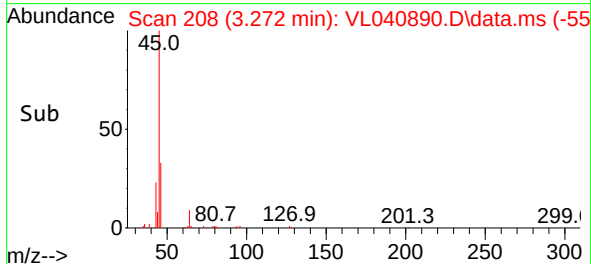
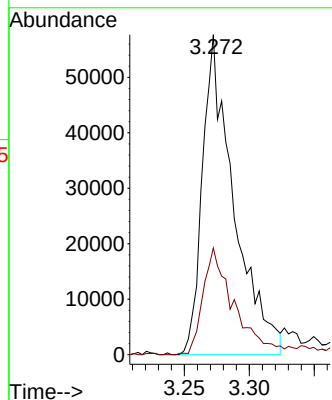
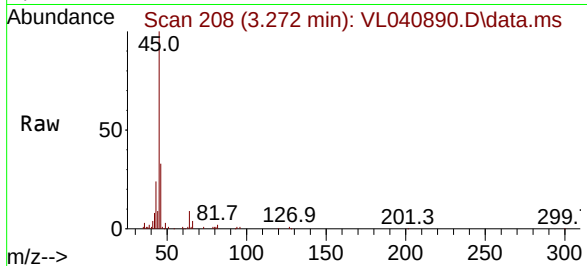




#13
Ethanol
Concen: 9.531 ppbv
RT: 3.272 min Scan# 20
Delta R.T. -0.007 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

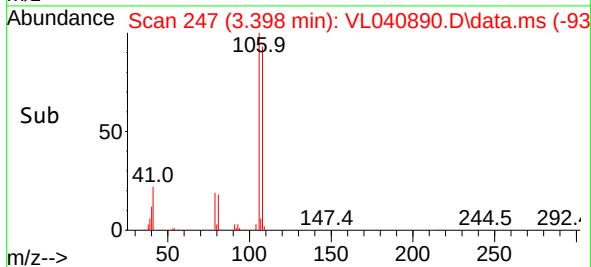
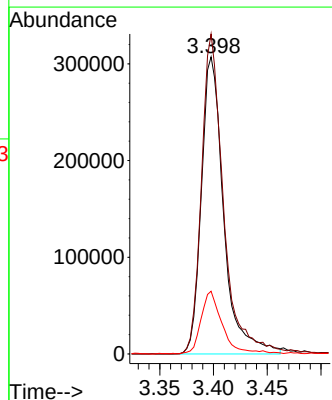
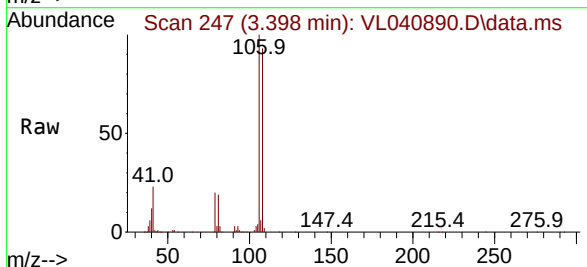
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

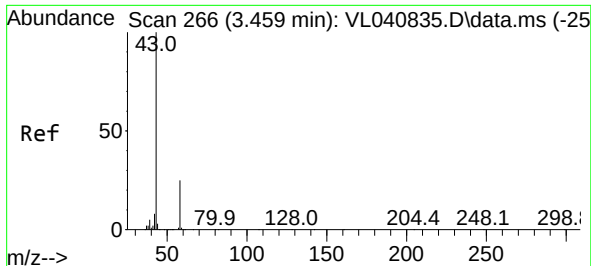
Tgt Ion: 45 Resp: 96646
Ion Ratio Lower Upper
45 100
46 36.8 0.0 0.0#



#14
Bromoethene
Concen: 10.241 ppbv
RT: 3.398 min Scan# 247
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion:108 Resp: 442358
Ion Ratio Lower Upper
108 100
106 108.1 85.4 128.2
79 20.8 16.7 25.1

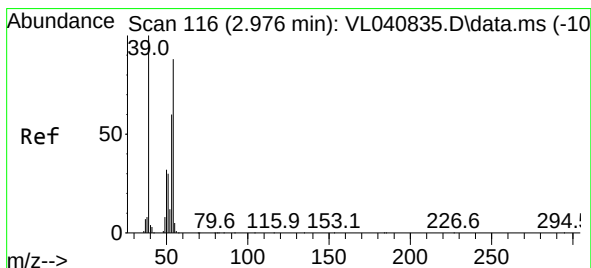
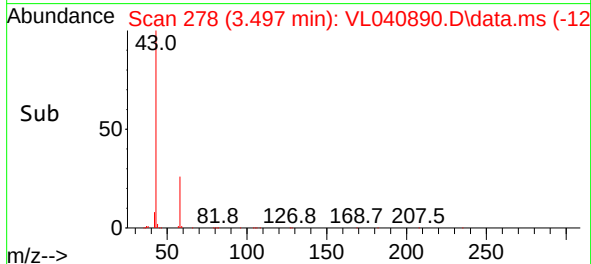
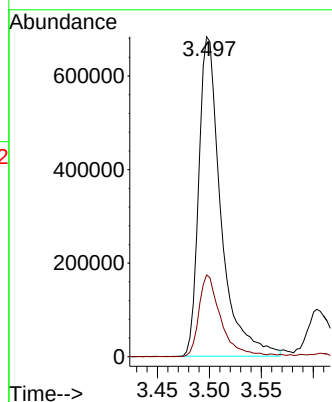
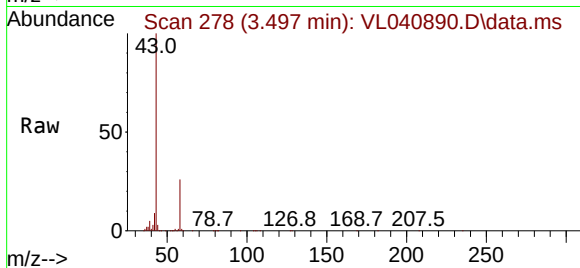




#15
Acetone
Concen: 9.812 ppbv
RT: 3.497 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

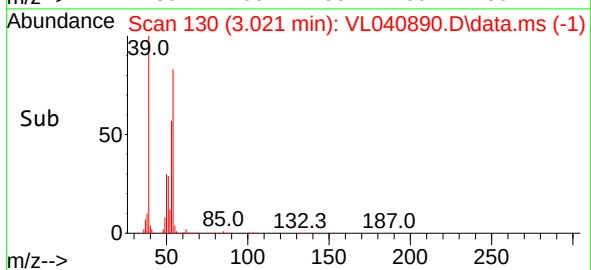
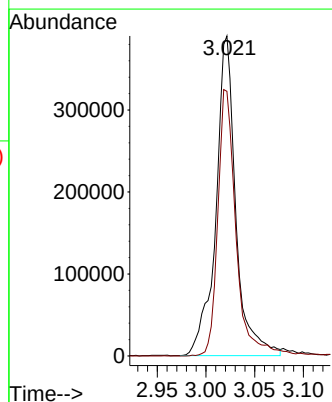
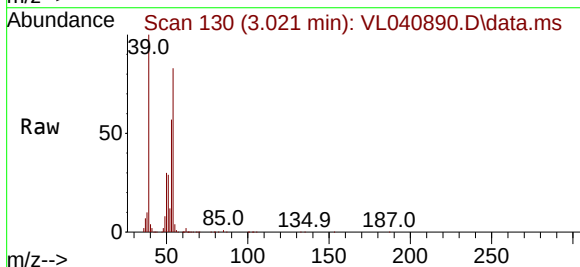
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

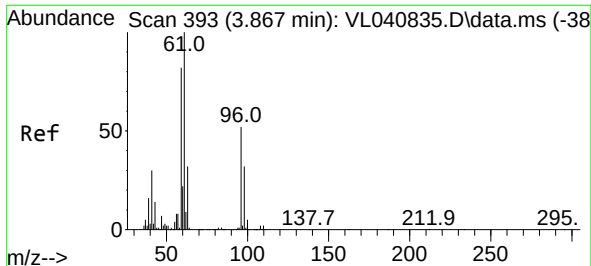
Tgt Ion: 43 Resp: 1014217
Ion Ratio Lower Upper
43 100
58 25.9 20.9 31.3



#16
1,3-Butadiene
Concen: 10.654 ppbv
RT: 3.021 min Scan# 130
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 39 Resp: 557091
Ion Ratio Lower Upper
39 100
54 76.9 61.8 92.6





#17

tert-Butyl alcohol

Concen: 10.053 ppbv

RT: 3.906 min Scan# 405

Delta R.T. -0.003 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_1

ClientSampleId :

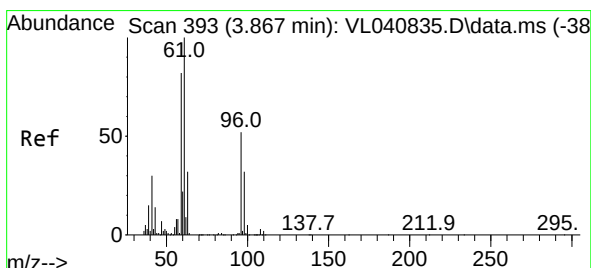
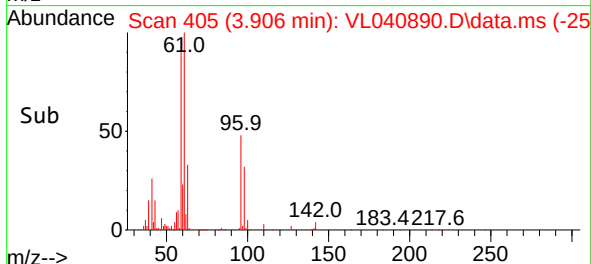
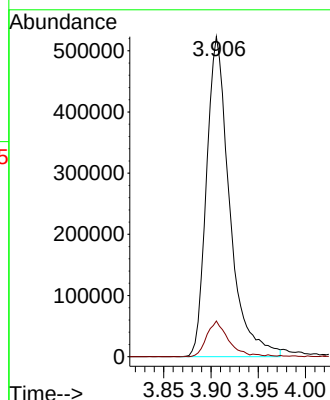
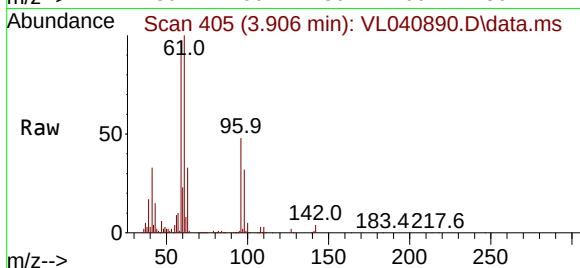
VL1117ABS01

Tgt Ion: 59 Resp: 888561

Ion Ratio Lower Upper

59 100

57 10.9 9.0 13.4



#18

1,1-Dichloroethene

Concen: 9.780 ppbv

RT: 3.909 min Scan# 406

Delta R.T. -0.003 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

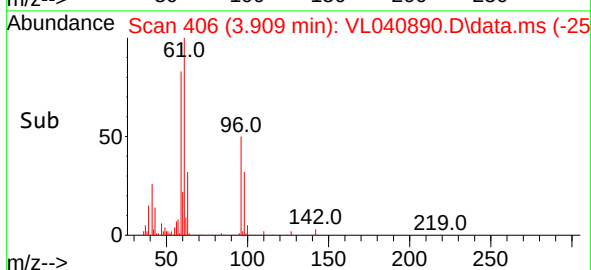
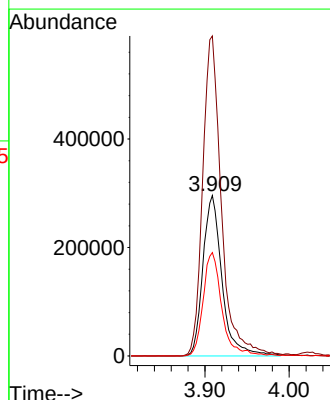
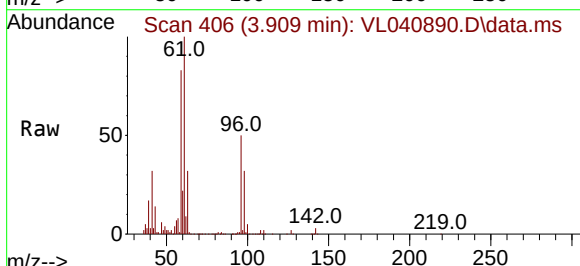
Tgt Ion: 96 Resp: 468136

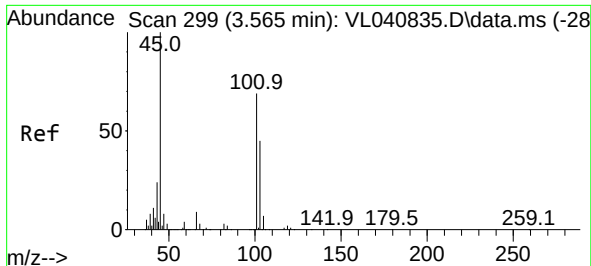
Ion Ratio Lower Upper

96 100

61 199.4 152.6 228.8

98 64.5 49.2 73.8

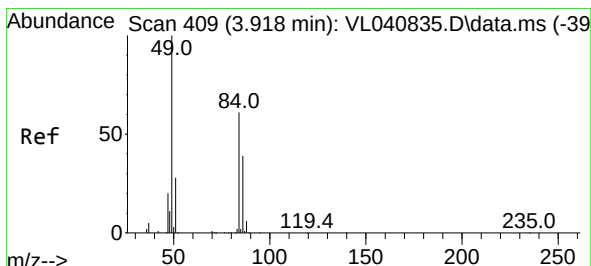
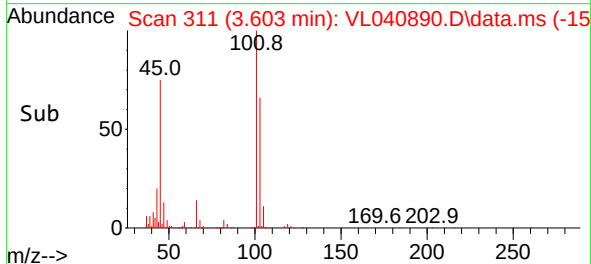
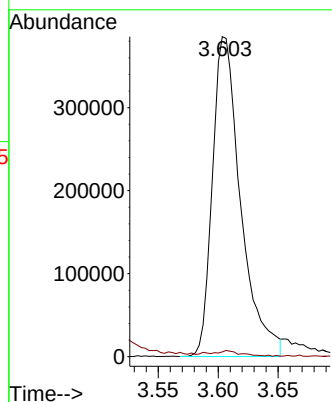
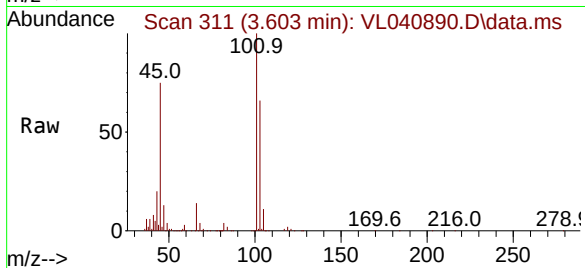




#19
Isopropyl Alcohol
Concen: 10.155 ppbv
RT: 3.603 min Scan# 311
Delta R.T. -0.007 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

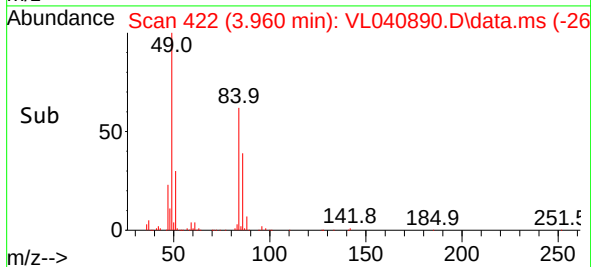
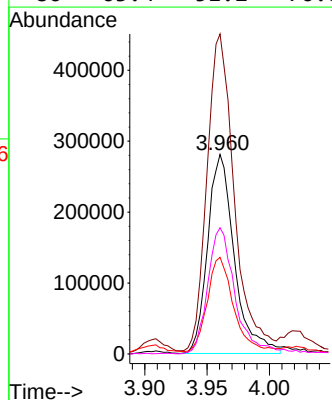
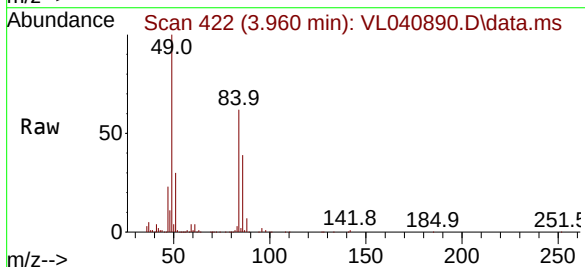
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

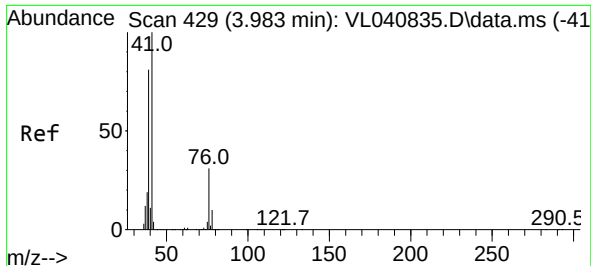
Tgt Ion: 45 Resp: 631654
Ion Ratio Lower Upper
45 100
58 2.2 1.6 2.4



#20
Methylene Chloride
Concen: 9.846 ppbv
RT: 3.960 min Scan# 422
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 84 Resp: 419968
Ion Ratio Lower Upper
84 100
49 159.2 131.0 196.4
51 47.3 36.9 55.3
86 63.4 51.2 76.8

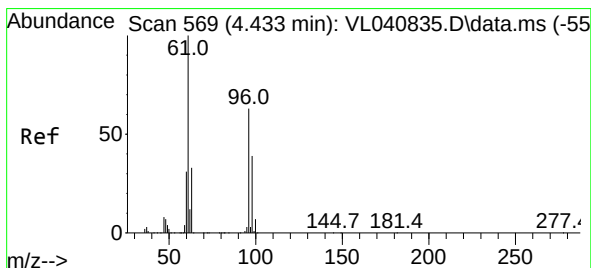
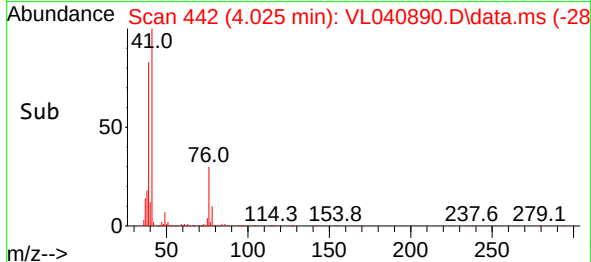
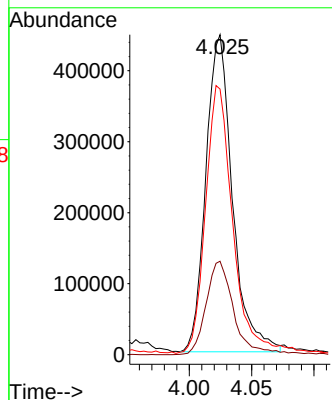
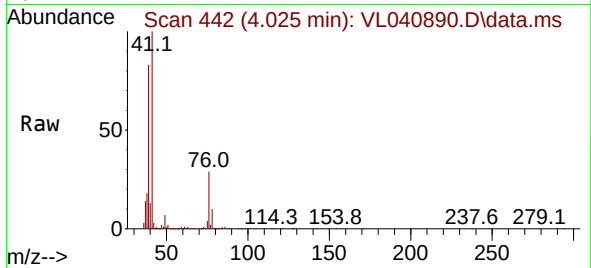




#21
 Allyl Chloride
 Concen: 10.040 ppbv
 RT: 4.025 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

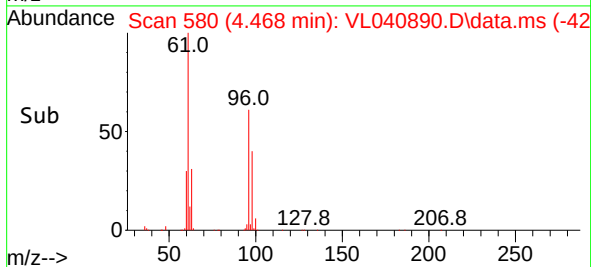
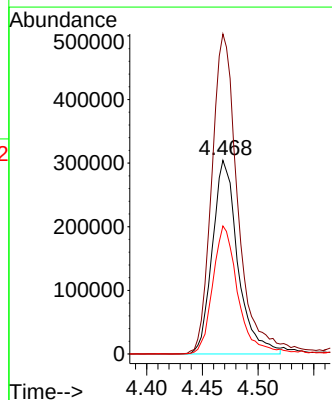
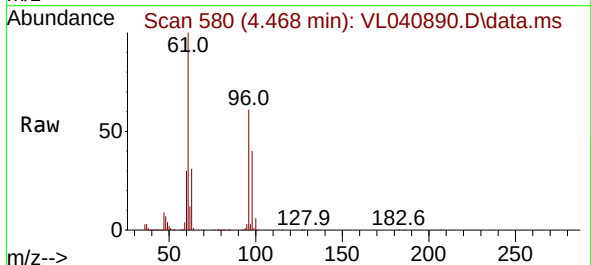
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1117ABS01

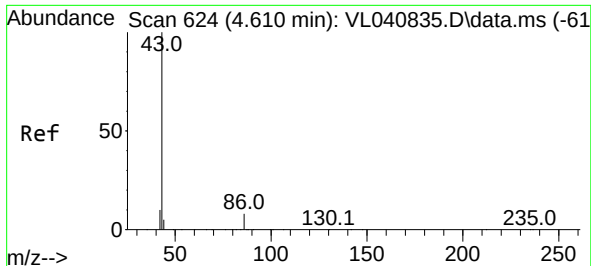
Tgt Ion: 41 Resp: 664105
 Ion Ratio Lower Upper
 41 100
 76 30.8 24.4 36.6
 39 87.2 68.1 102.1



#22
 trans-1,2-Dichloroethene
 Concen: 8.915 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. -0.000 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

Tgt Ion: 96 Resp: 484322
 Ion Ratio Lower Upper
 96 100
 61 165.2 126.8 190.2
 98 66.1 49.9 74.9



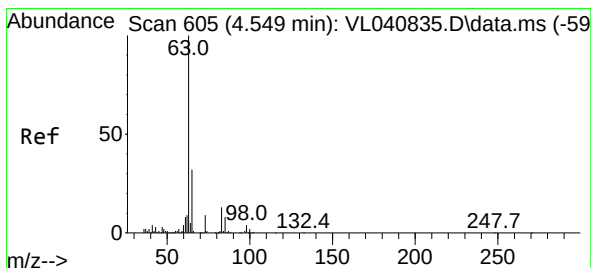
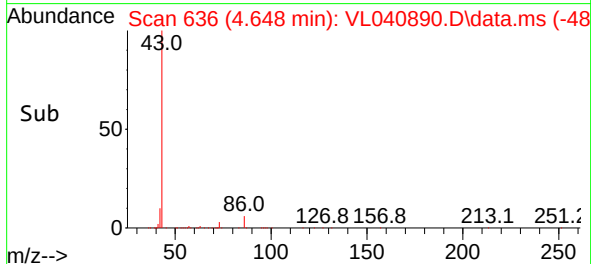
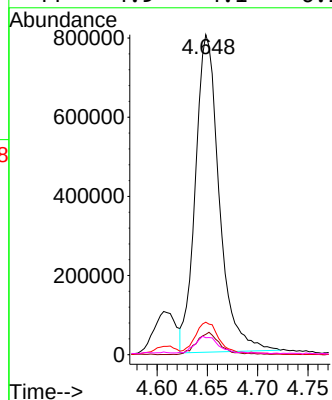
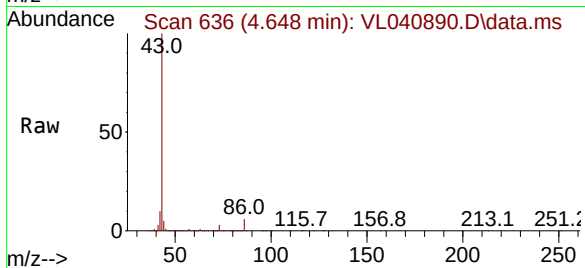


#23
 Vinyl Acetate
 Concen: 9.906 ppbv
 RT: 4.648 min Scan# 617
 Delta R.T. -0.000 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1117ABS01

Tgt Ion: 43 Resp: 1322162

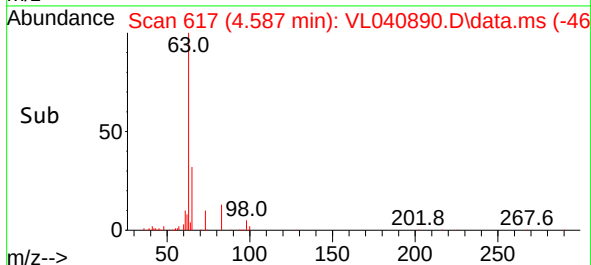
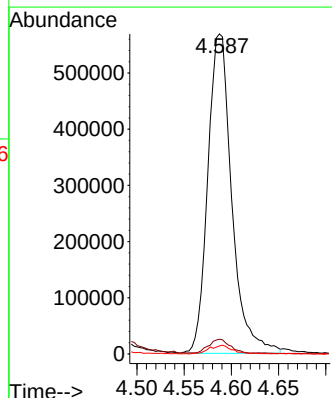
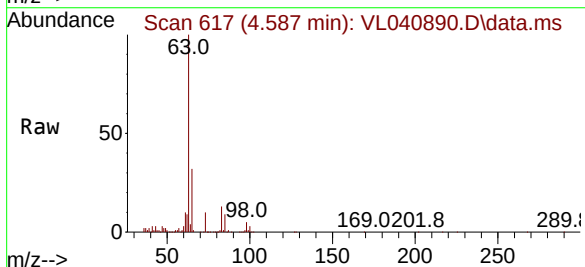
Ion	Ratio	Lower	Upper
43	100		
86	6.3	5.5	8.3
42	10.0	8.2	12.2
44	4.9	4.1	6.1

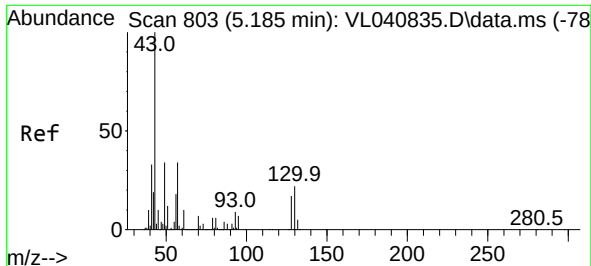


#24
 1,1-Dichloroethane
 Concen: 8.432 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. -0.000 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

Tgt Ion: 63 Resp: 1003023

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.2	6.6
100	2.5	1.0	3.0



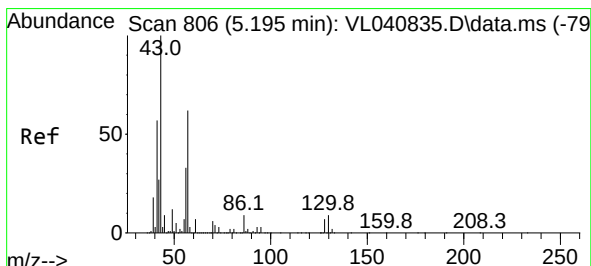
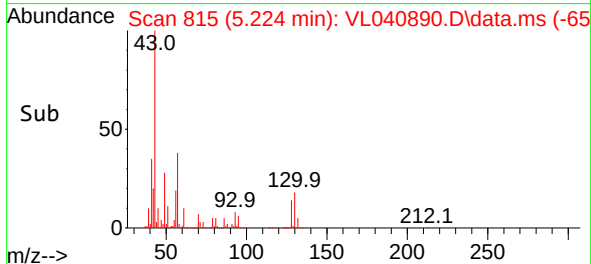
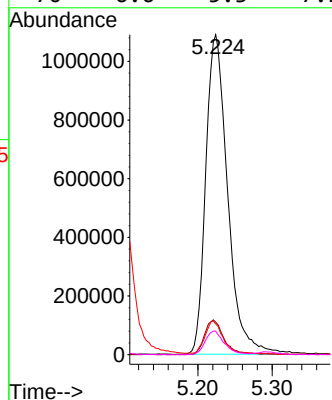
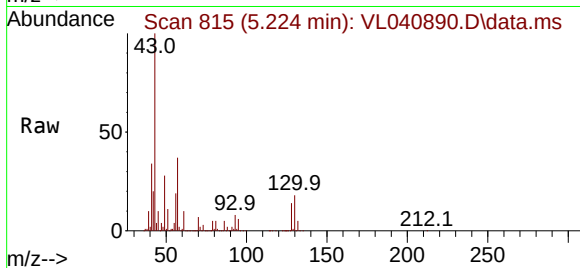


#25
Ethyl Acetate
Concen: 10.405 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Instrument :
MSVOA_1
ClientSampleId :
VL1117ABS01

Tgt Ion: 43 Resp: 2226734

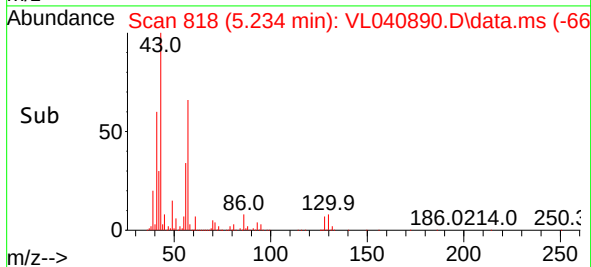
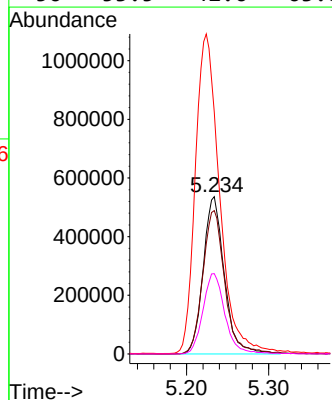
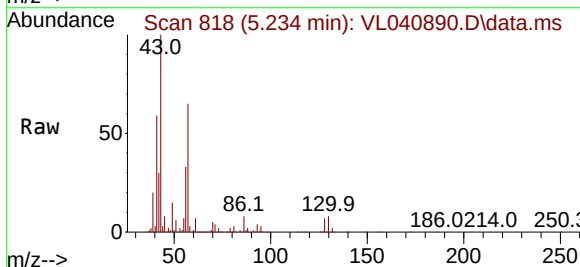
Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.1	12.1
61	9.4	7.8	11.6
70	6.6	5.3	7.9

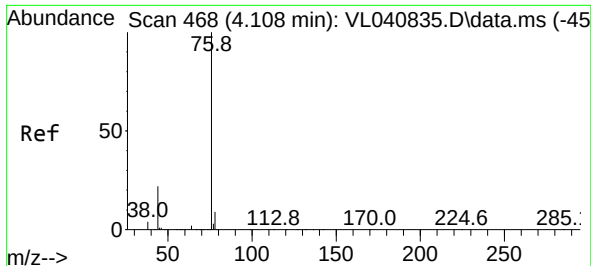


#26
Hexane
Concen: 10.132 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 57 Resp: 959668

Ion	Ratio	Lower	Upper
57	100		
41	96.0	75.4	113.0
43	234.3	185.9	278.9
56	53.5	42.6	63.8

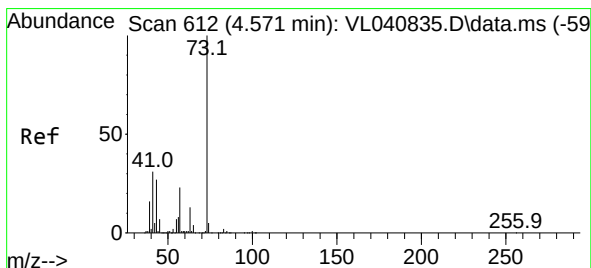
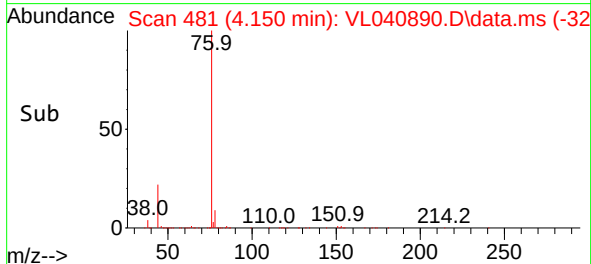
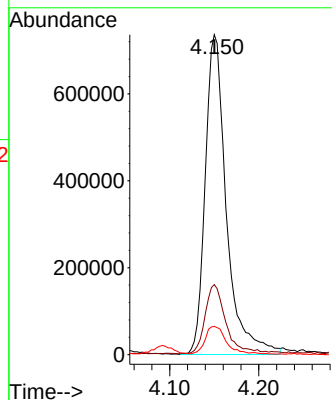
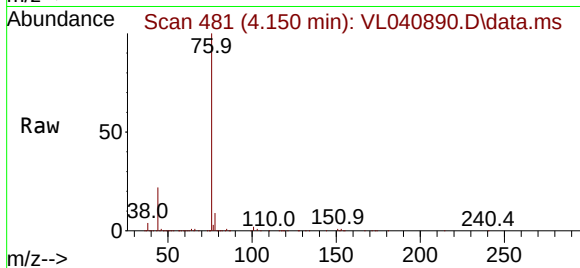




#27
Carbon Disulfide
Concen: 10.093 ppbv
RT: 4.150 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

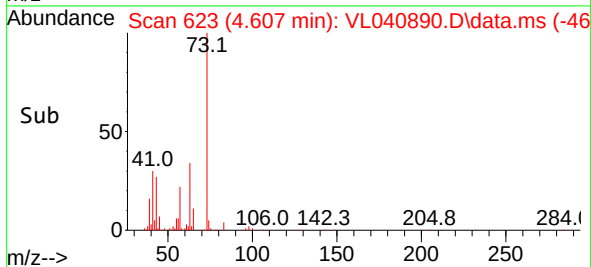
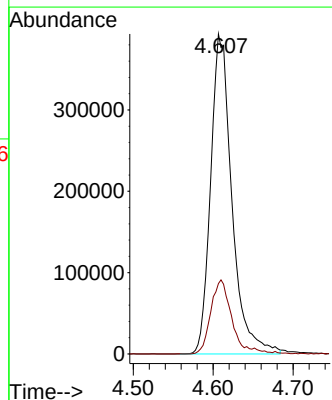
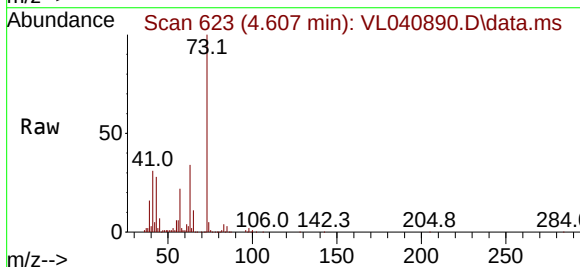
Instrument :
MSVOA_1
ClientSampleId :
VL1117ABS01

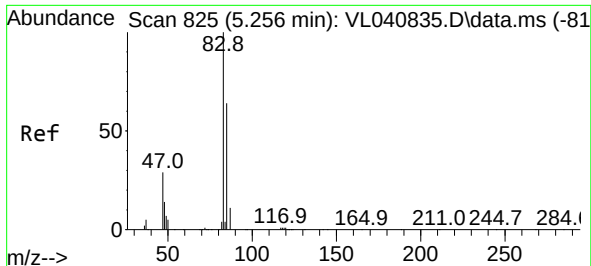
Tgt Ion: 76 Resp: 1212241
Ion Ratio Lower Upper
76 100
44 21.6 16.7 25.1
78 9.8 7.6 11.4



#28
Methyl tert-Butyl Ether
Concen: 8.483 ppbv
RT: 4.607 min Scan# 623
Delta R.T. -0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 73 Resp: 726635
Ion Ratio Lower Upper
73 100
57 23.2 18.0 27.0

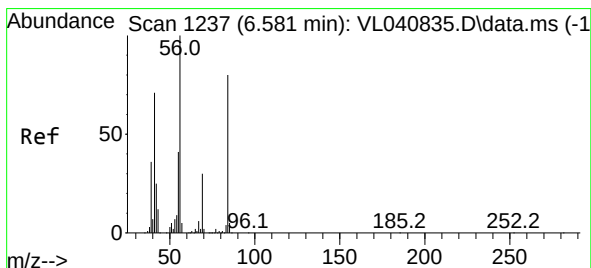
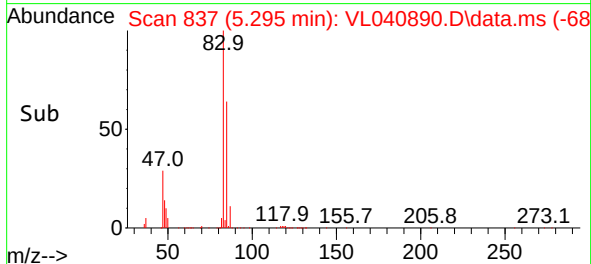
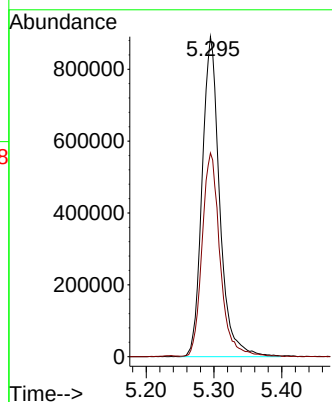
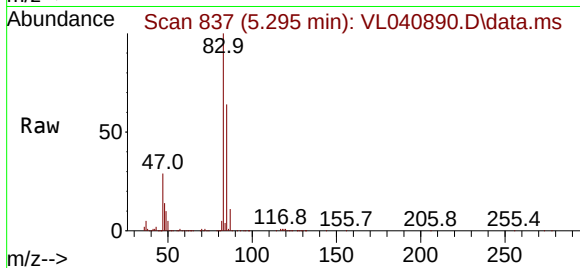




#29
Chloroform
Concen: 9.967 ppbv
RT: 5.295 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

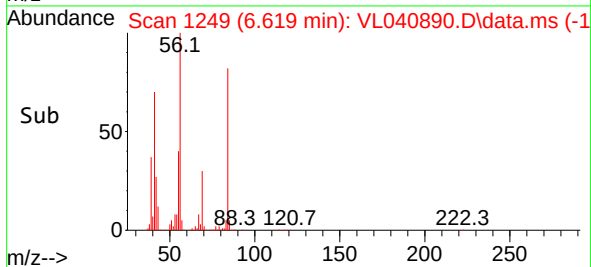
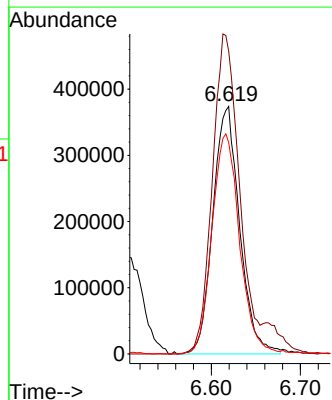
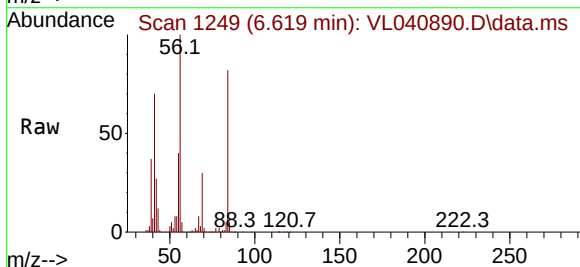
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

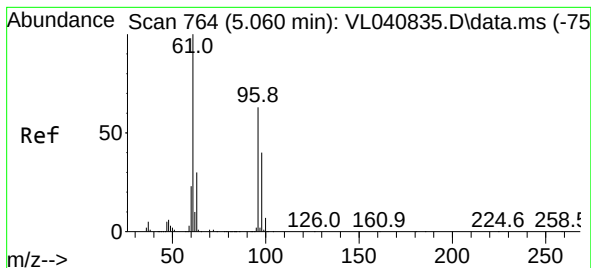
Tgt Ion: 83 Resp: 1599985
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.0



#30
Cyclohexane
Concen: 9.604 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 84 Resp: 782561
Ion Ratio Lower Upper
84 100
56 139.0 109.3 163.9
41 91.8 71.4 107.2





#31

cis-1,2-Dichloroethene

Concen: 10.517 ppbv

RT: 5.099 min Scan# 71

Delta R.T. -0.000 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_1

ClientSampleId :

VL1117ABS01

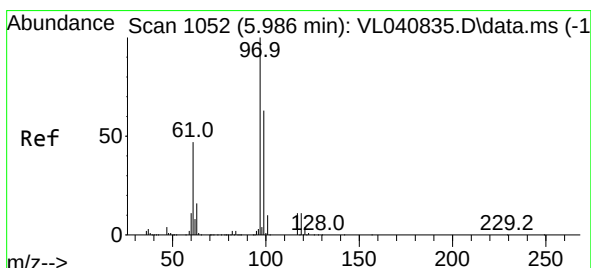
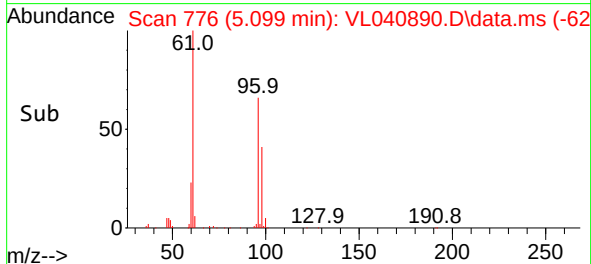
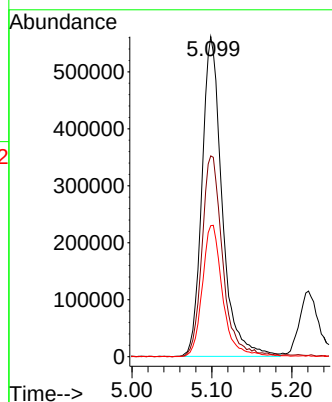
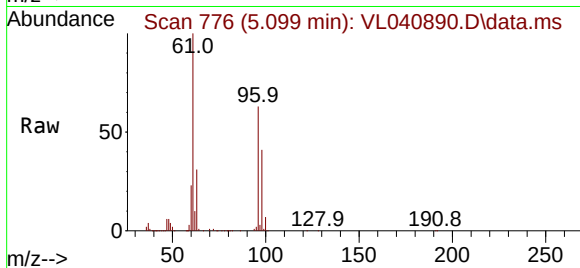
Tgt Ion: 61 Resp: 985774

Ion Ratio Lower Upper

61 100

96 62.7 50.5 75.7

98 40.9 31.9 47.9



#32

1,1,1-Trichloroethane

Concen: 10.512 ppbv

RT: 6.021 min Scan# 1063

Delta R.T. 0.003 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

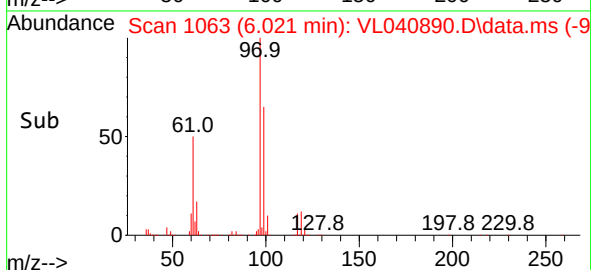
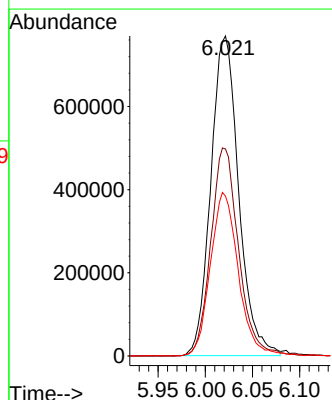
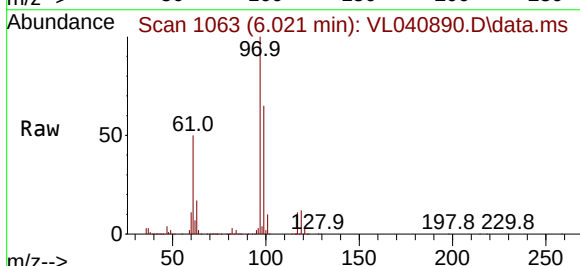
Tgt Ion: 97 Resp: 1574380

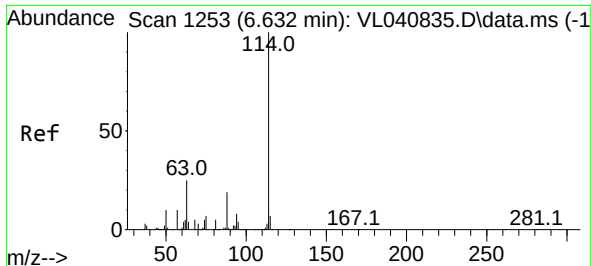
Ion Ratio Lower Upper

97 100

99 65.3 52.2 78.4

61 51.9 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01

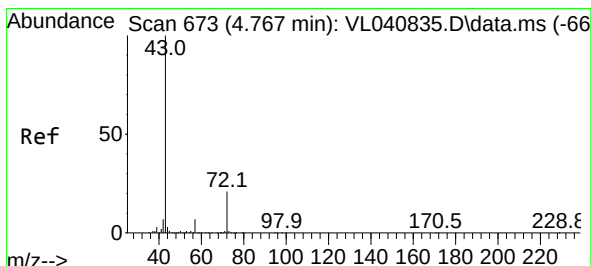
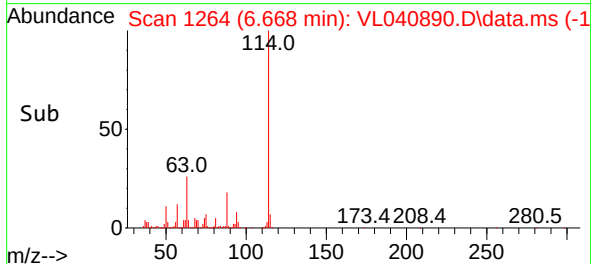
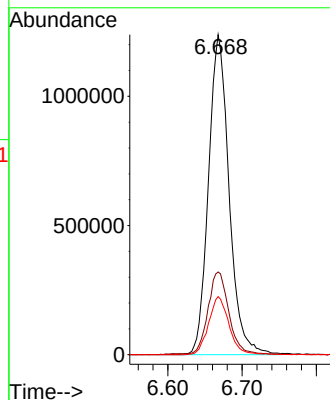
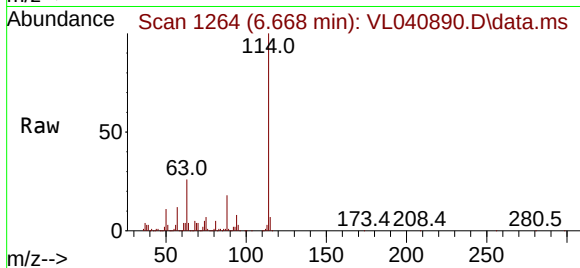
Tgt Ion:114 Resp: 2386081

Ion Ratio Lower Upper

114 100

63 26.8 20.9 31.3

88 18.0 14.3 21.5



#34

2-Butanone

Concen: 11.184 ppbv

RT: 4.806 min Scan# 685

Delta R.T. -0.000 min

Lab File: VL040890.D

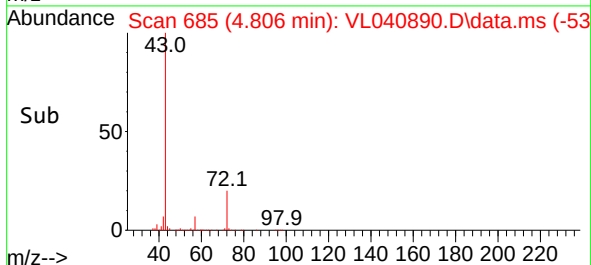
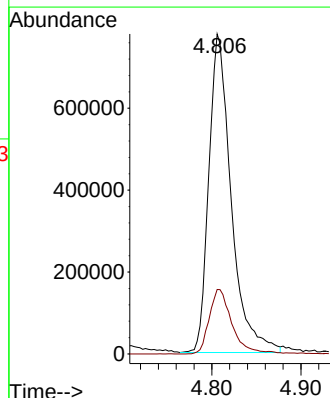
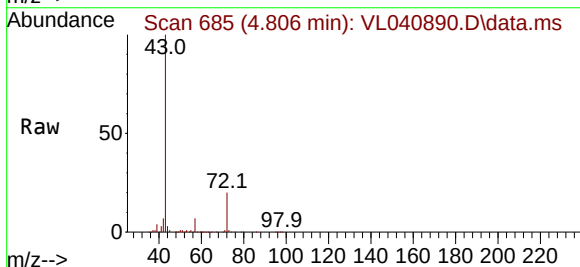
Acq: 17 Nov 2023 11:24

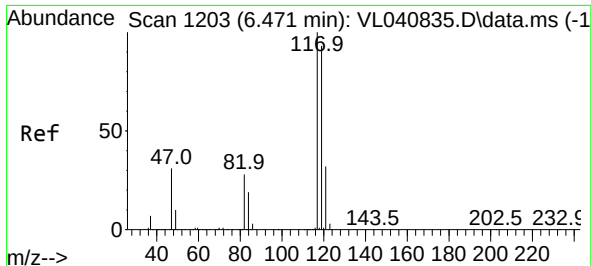
Tgt Ion: 43 Resp: 1359431

Ion Ratio Lower Upper

43 100

72 21.0 17.2 25.8

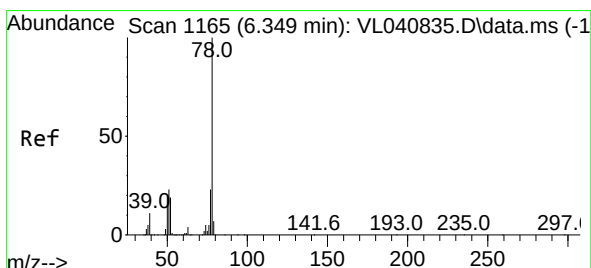
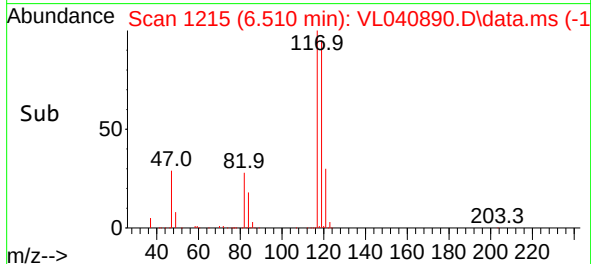
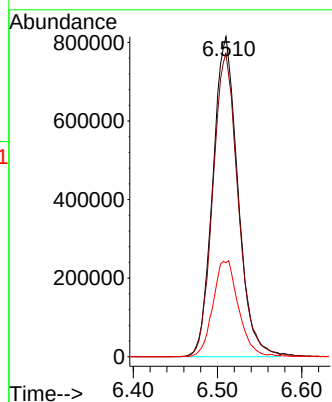
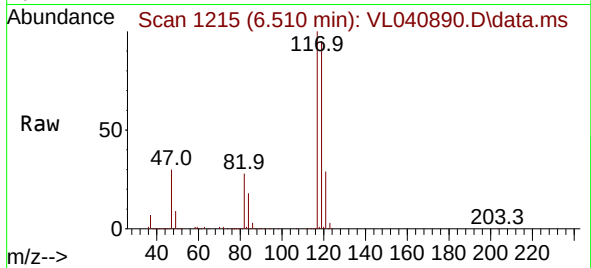




#35
Carbon Tetrachloride
Concen: 11.494 ppbv
RT: 6.510 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

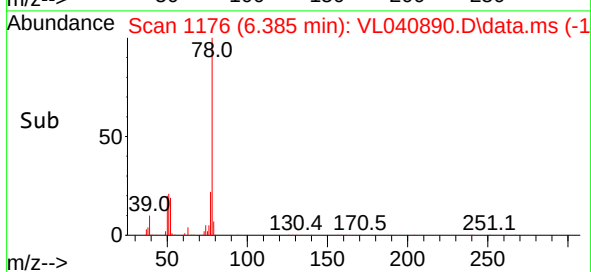
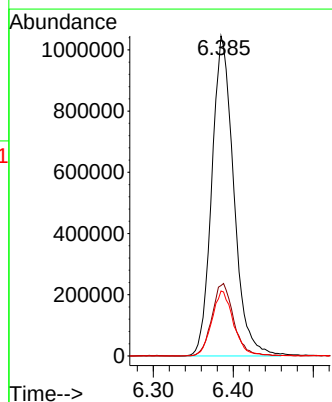
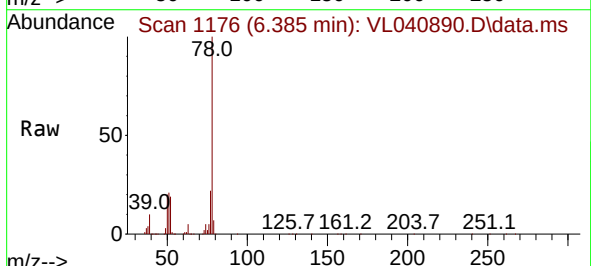
Instrument :
MSVOA_1
ClientSampleId :
VL1117ABS01

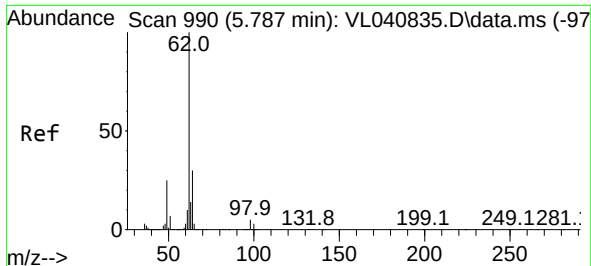
Tgt Ion:117 Resp: 1682738
Ion Ratio Lower Upper
117 100
119 94.7 74.7 112.1
121 29.3 25.5 38.3



#36
Benzene
Concen: 10.264 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 78 Resp: 1987691
Ion Ratio Lower Upper
78 100
77 22.0 18.4 27.6
50 20.3 16.2 24.2





#37

1,2-Dichloroethane

Concen: 10.838 ppbv

RT: 5.825 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_1

ClientSampleId :

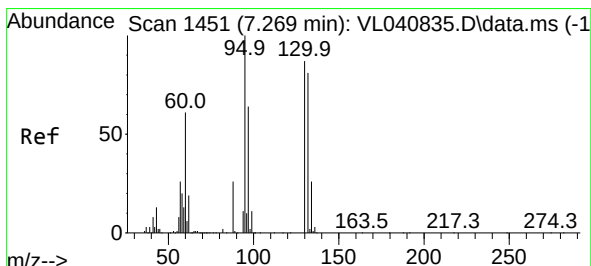
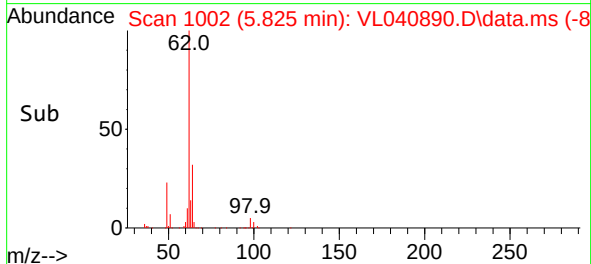
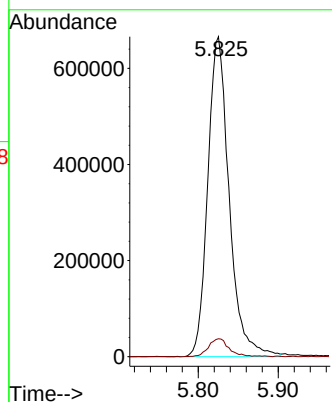
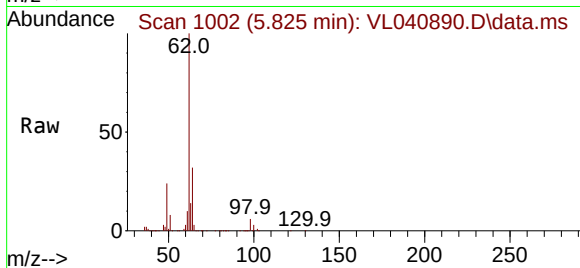
VL1117ABS01

Tgt Ion: 62 Resp: 1237886

Ion Ratio Lower Upper

62 100

98 5.5 4.6 6.8



#38

Trichloroethene

Concen: 9.825 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Tgt Ion:130 Resp: 739544

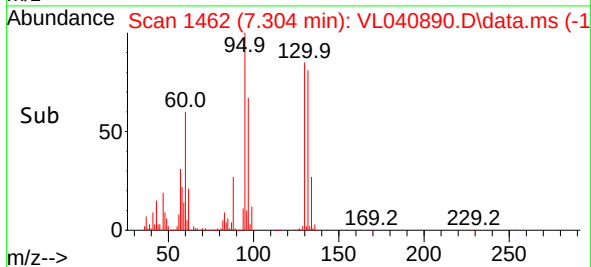
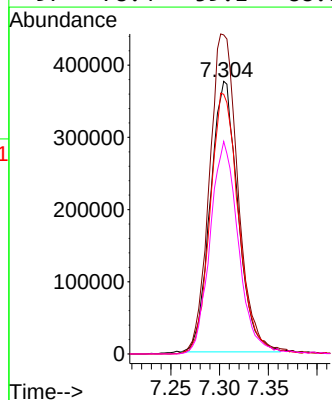
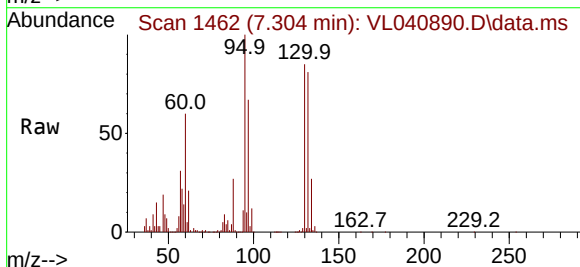
Ion Ratio Lower Upper

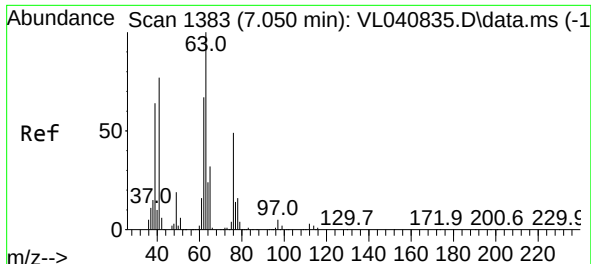
130 100

95 117.4 92.4 138.6

132 95.8 75.1 112.7

97 78.4 59.1 88.7





#39

1,2-Dichloropropane

Concen: 10.146 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01

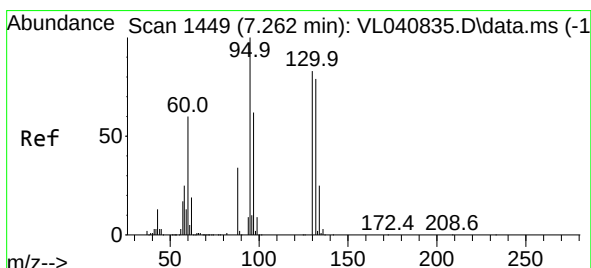
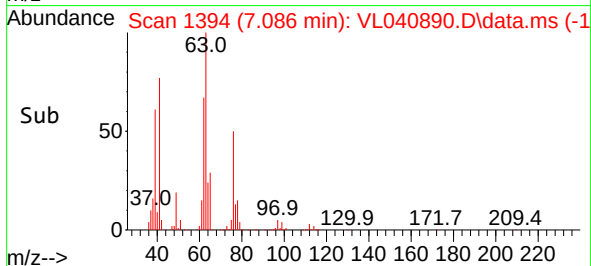
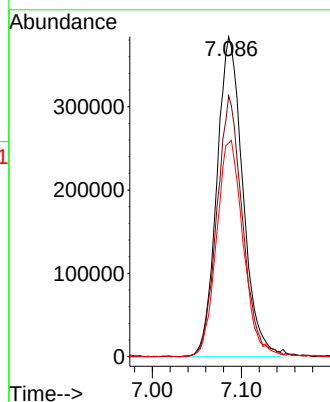
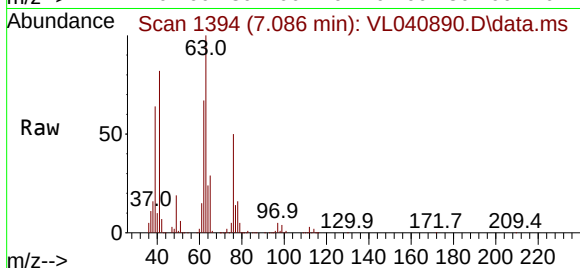
Tgt Ion: 63 Resp: 779069

Ion Ratio Lower Upper

63 100

41 81.6 61.5 92.3

62 66.7 53.9 80.9



#40

1,4-Dioxane

Concen: 10.234 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.003 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Tgt Ion: 88 Resp: 311796

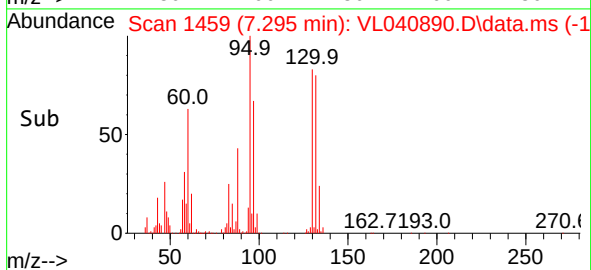
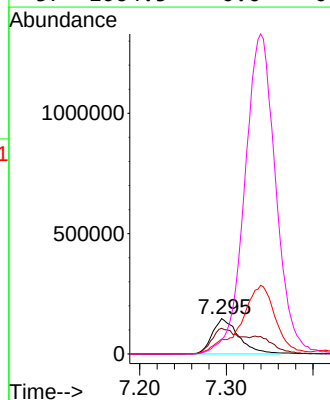
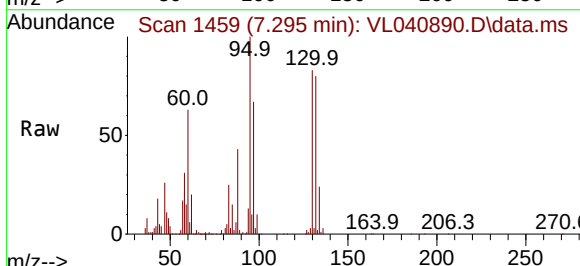
Ion Ratio Lower Upper

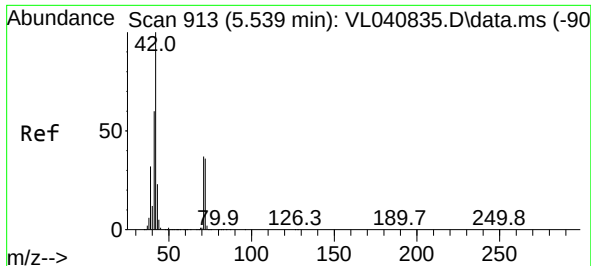
88 100

58 123.6 101.0 151.6

43 253.4 0.0 0.0#

57 1064.5 0.0 0.0#

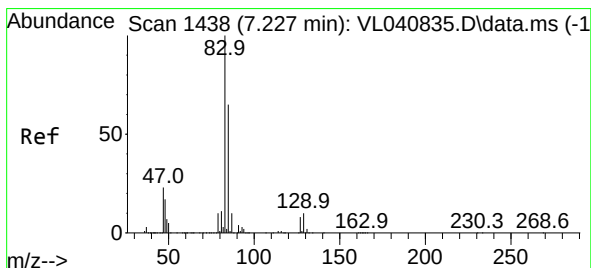
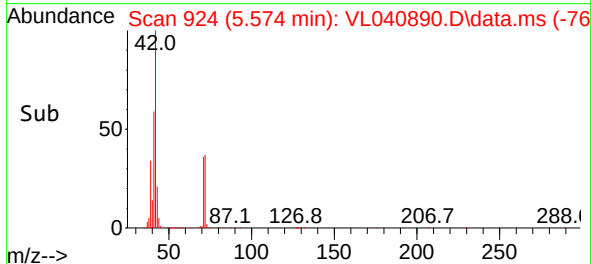
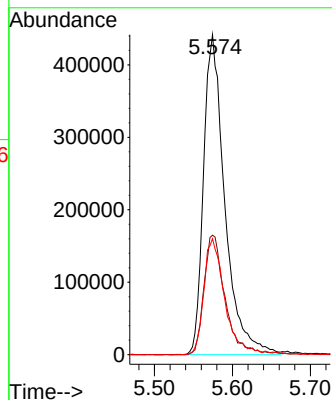
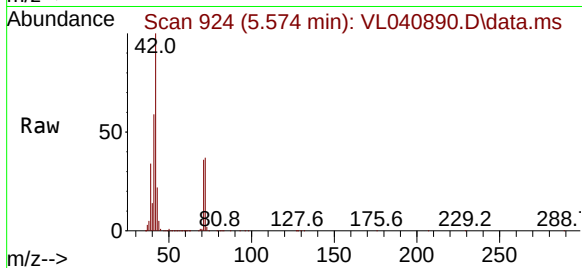




#41
Tetrahydrofuran
Concen: 11.211 ppbv
RT: 5.574 min Scan# 913
Delta R.T. -0.000 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

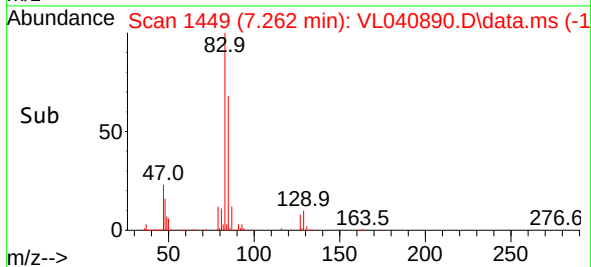
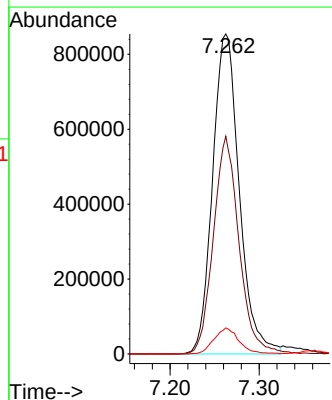
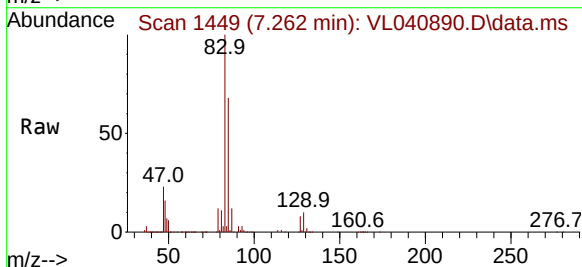
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

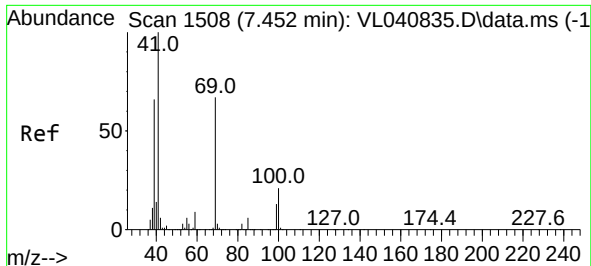
Tgt Ion: 42 Resp: 838999
Ion Ratio Lower Upper
42 100
72 37.5 30.8 46.2
71 36.2 30.0 45.0



#42
Bromodichloromethane
Concen: 10.879 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 83 Resp: 1778194
Ion Ratio Lower Upper
83 100
85 68.0 52.3 78.5
127 8.1 6.6 10.0

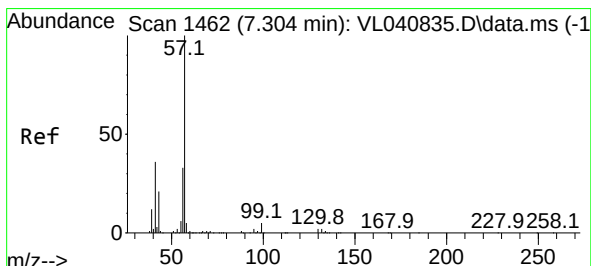
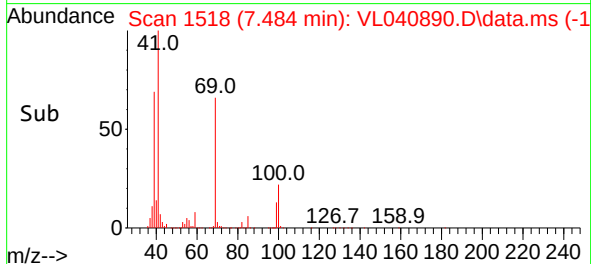
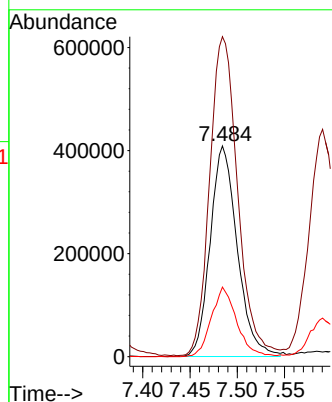
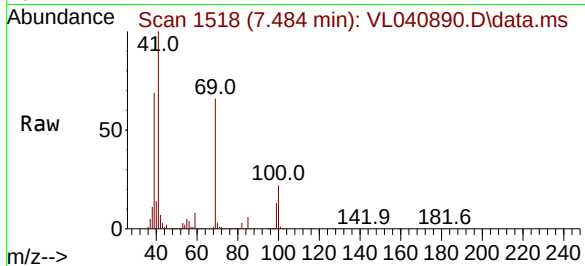




#43
Methyl Methacrylate
Concen: 11.033 ppbv
RT: 7.484 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

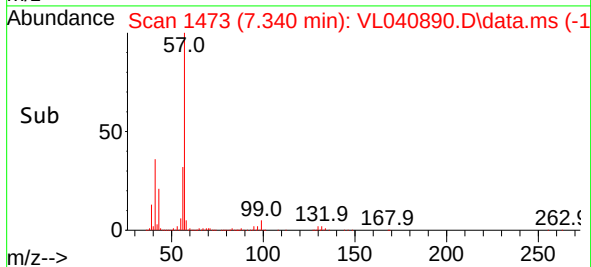
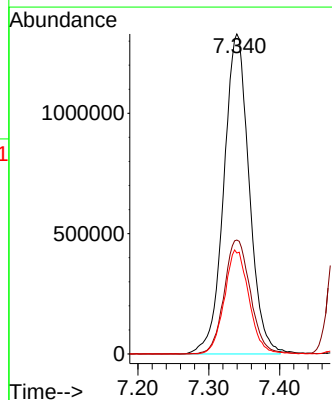
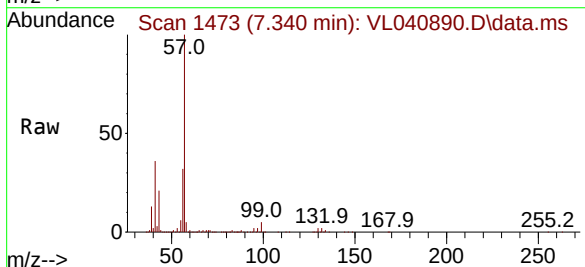
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

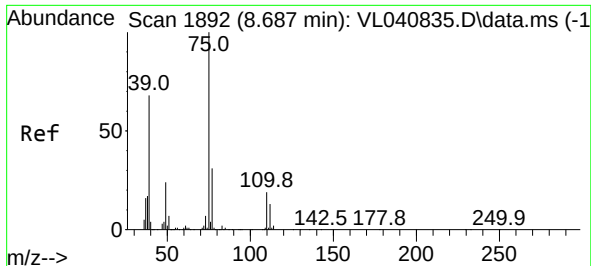
Tgt Ion: 69 Resp: 814155
Ion Ratio Lower Upper
69 100
41 156.6 123.0 184.4
100 31.0 25.4 38.2



#44
2,2,4-Trimethylpentane
Concen: 10.261 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 57 Resp: 3300814
Ion Ratio Lower Upper
57 100
41 37.0 29.0 43.6
56 31.7 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 12.489 ppbv

RT: 8.719 min Scan# 1902

Delta R.T. 0.010 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

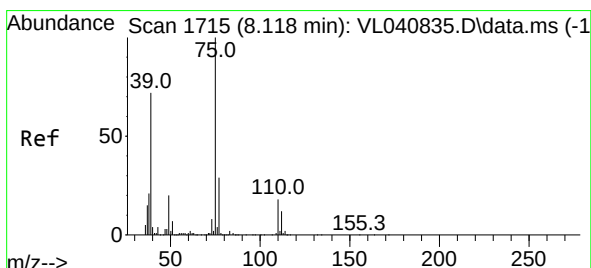
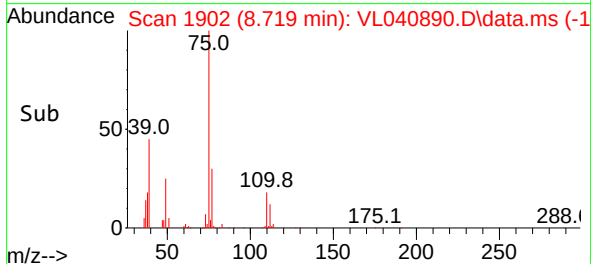
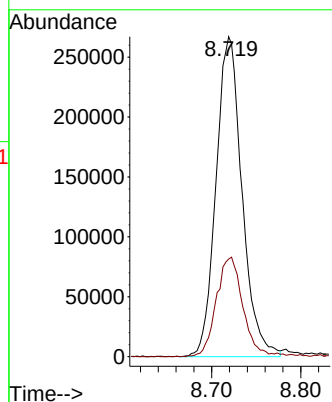
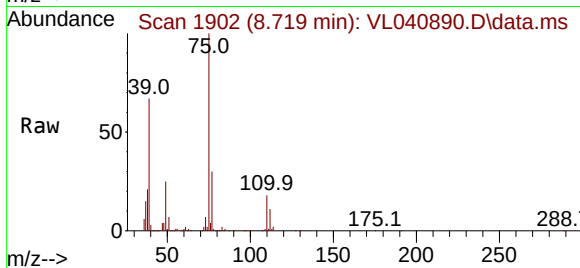
VL1117ABS01

Tgt Ion: 75 Resp: 541578

Ion Ratio Lower Upper

75 100

77 30.5 24.9 37.3



#46

cis-1,3-Dichloropropene

Concen: 11.722 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

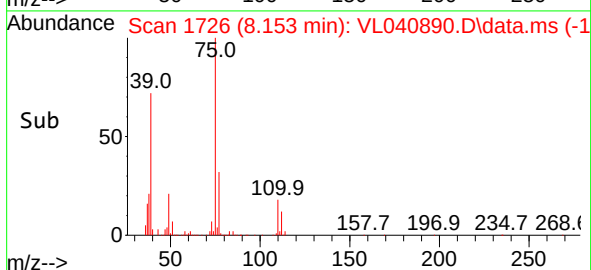
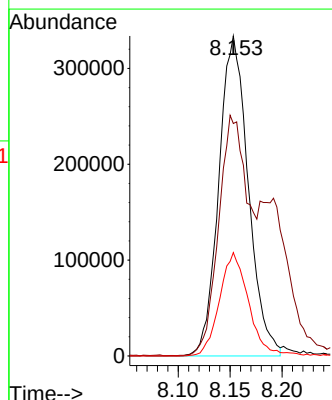
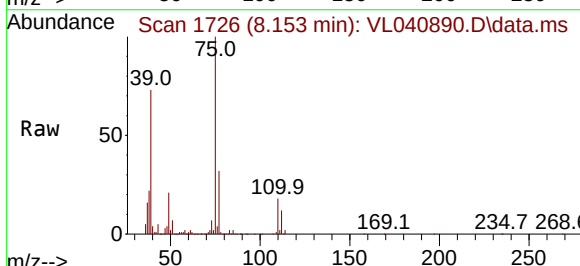
Tgt Ion: 75 Resp: 659109

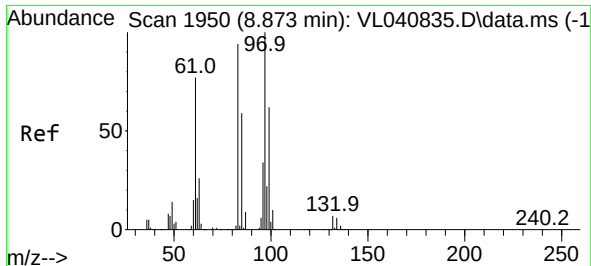
Ion Ratio Lower Upper

75 100

39 72.4 57.3 85.9

77 32.3 23.0 34.6

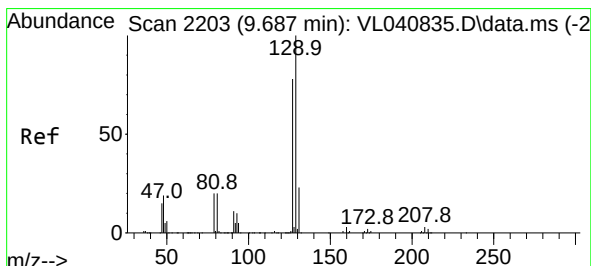
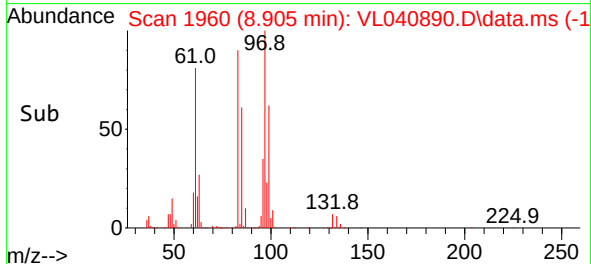
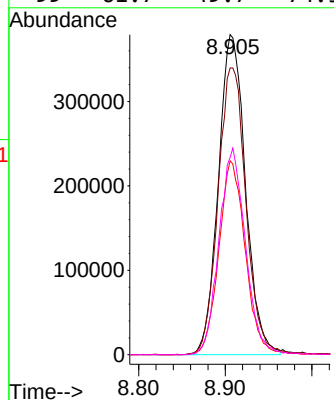
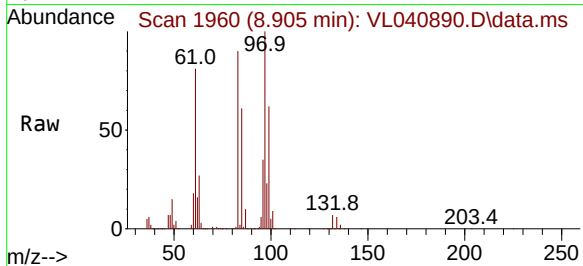




#47
1,1,2-Trichloroethane
Concen: 10.257 ppbv
RT: 8.905 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

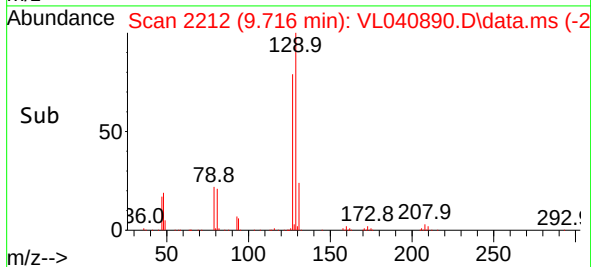
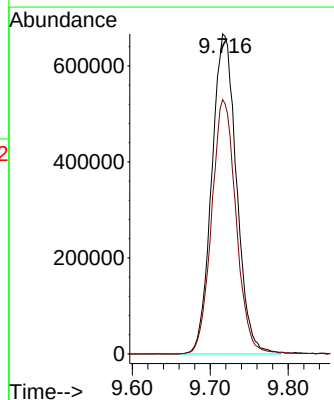
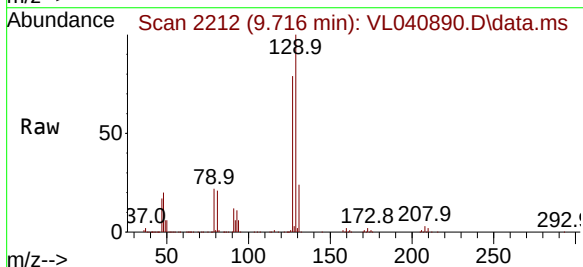
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

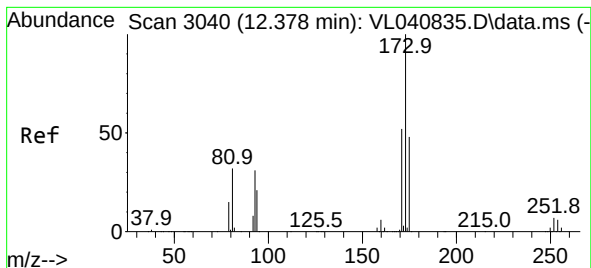
Tgt Ion: 97 Resp: 825245
Ion Ratio Lower Upper
97 100
83 89.6 74.8 112.2
85 60.6 47.4 71.0
99 61.7 49.7 74.5



#48
Dibromochloromethane
Concen: 11.021 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 129 Resp: 1471341
Ion Ratio Lower Upper
129 100
127 78.4 39.3 117.9





#49

Bromoform

Concen: 11.678 ppbv

RT: 12.413 min Scan# 3040

Delta R.T. 0.010 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01

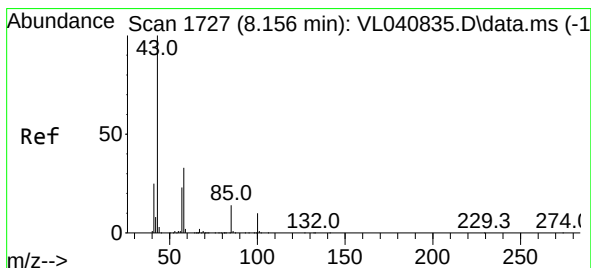
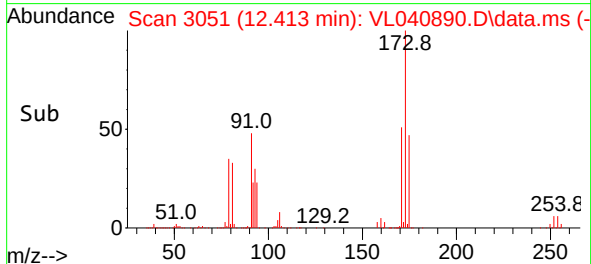
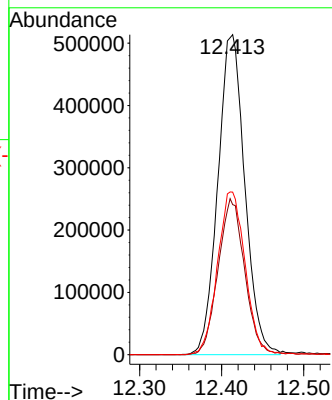
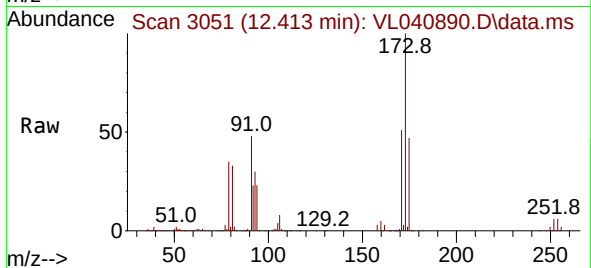
Tgt Ion:173 Resp: 1172608

Ion Ratio Lower Upper

173 100

175 48.2 39.0 58.6

171 52.3 41.8 62.6



#50

4-Methyl-2-Pentanone

Concen: 11.133 ppbv

RT: 8.188 min Scan# 1737

Delta R.T. 0.003 min

Lab File: VL040890.D

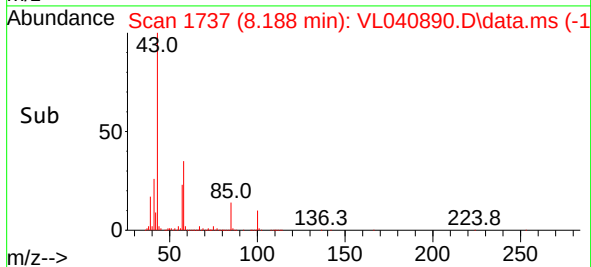
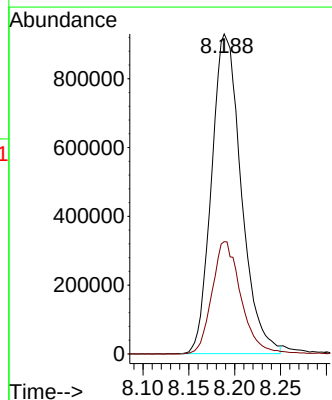
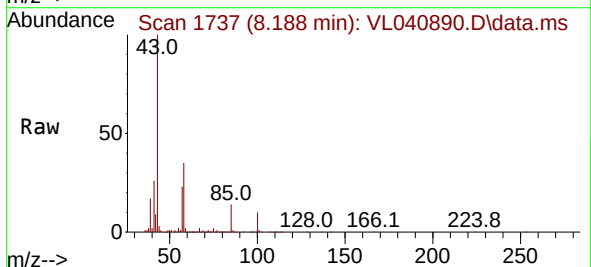
Acq: 17 Nov 2023 11:24

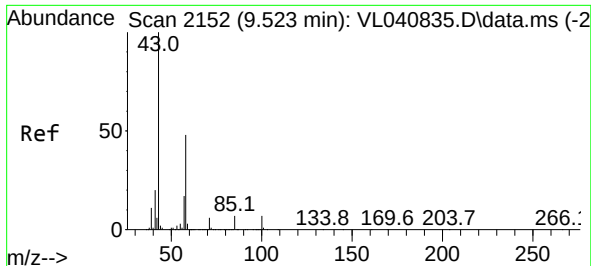
Tgt Ion: 43 Resp: 2094331

Ion Ratio Lower Upper

43 100

58 34.6 27.8 41.6

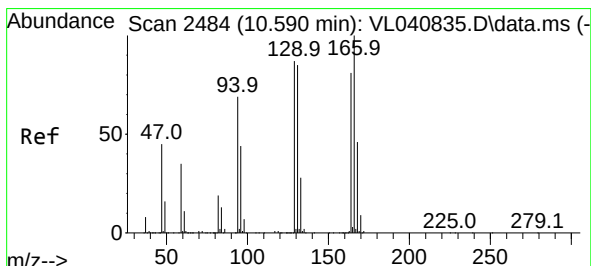
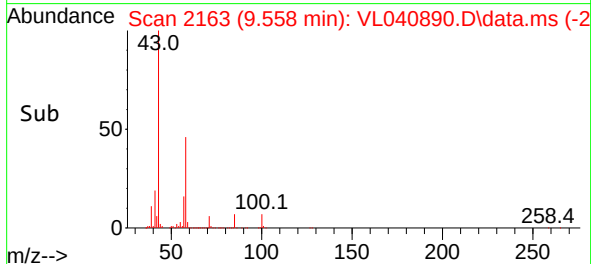
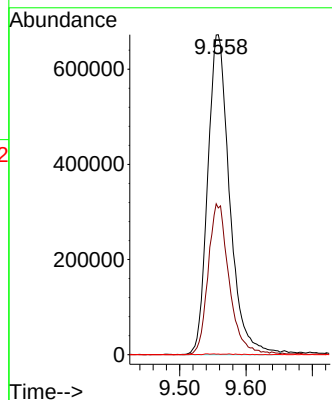
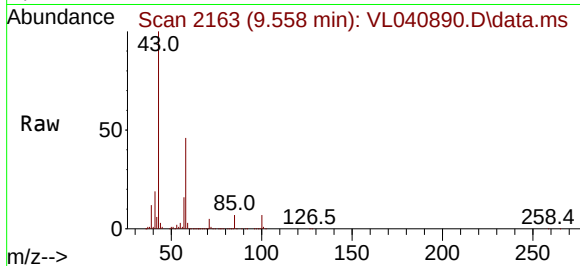




#51
2-Hexanone
Concen: 11.615 ppbv
RT: 9.558 min Scan# 2152
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

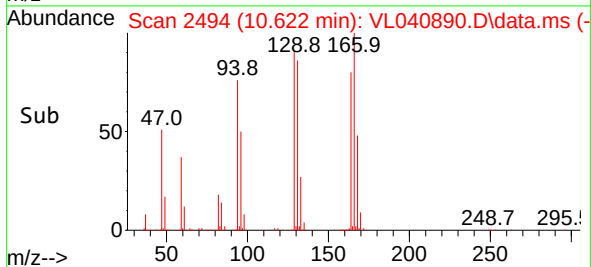
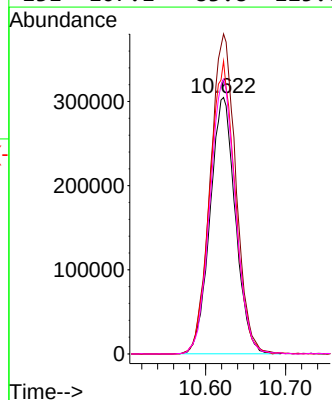
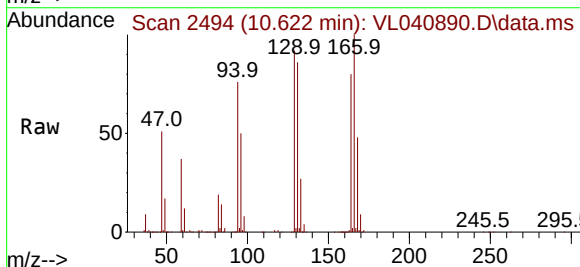
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

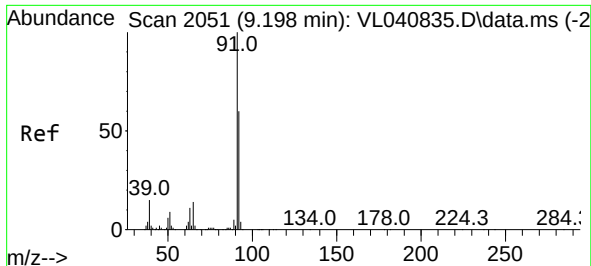
Tgt Ion: 43 Resp: 1540184
Ion Ratio Lower Upper
43 100
58 45.9 37.4 56.2
98 0.3 0.2 0.2#



#52
Tetrachloroethene
Concen: 10.228 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion:164 Resp: 666960
Ion Ratio Lower Upper
164 100
166 124.8 98.3 147.5
129 114.1 85.1 127.7
131 107.1 83.8 125.6

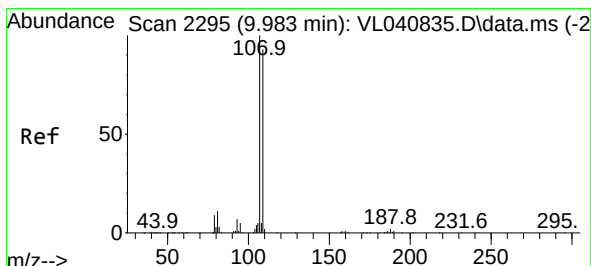
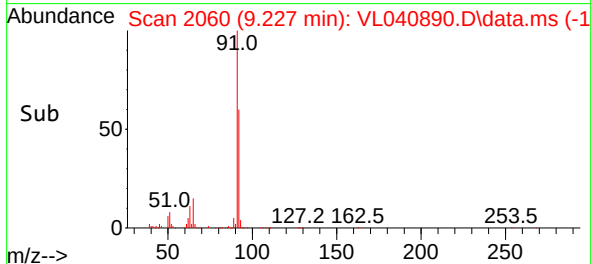
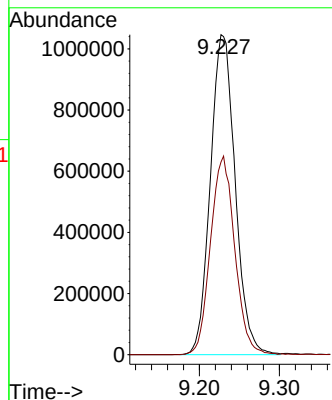
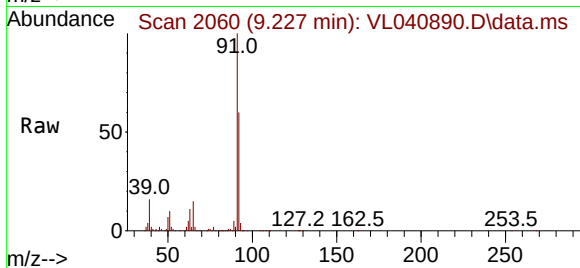




#53
Toluene
Concen: 10.573 ppbv
RT: 9.227 min Scan# 2051
Delta R.T. 0.003 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

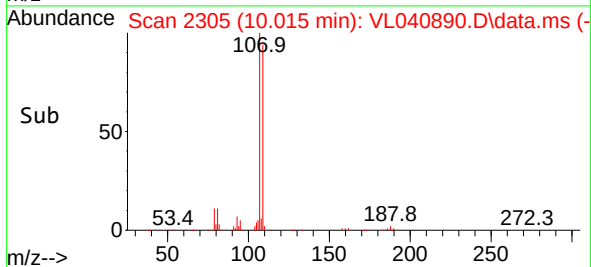
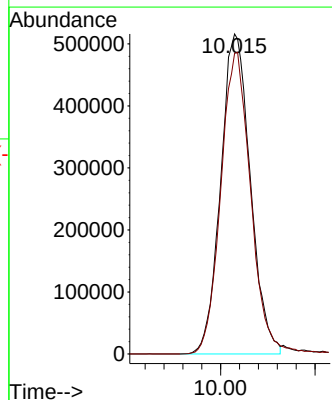
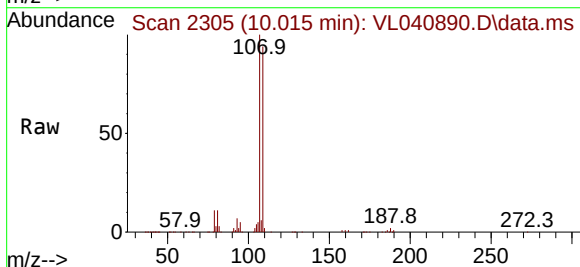
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

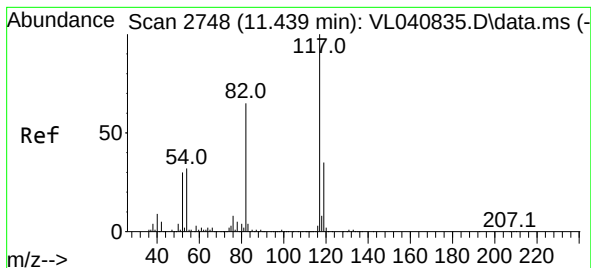
Tgt Ion: 91 Resp: 2252996
Ion Ratio Lower Upper
91 100
92 60.7 49.4 74.2



#54
1,2-Dibromoethane
Concen: 10.873 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 107 Resp: 1125777
Ion Ratio Lower Upper
107 100
109 93.9 74.5 111.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2758

Delta R.T. 0.010 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01

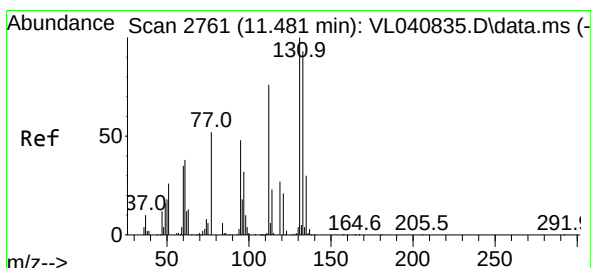
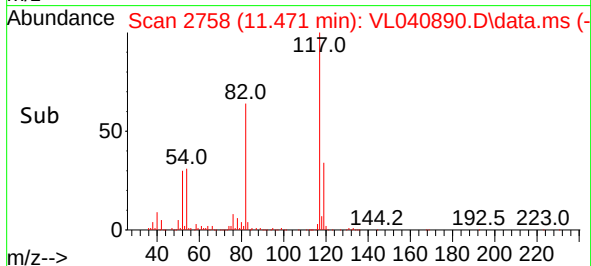
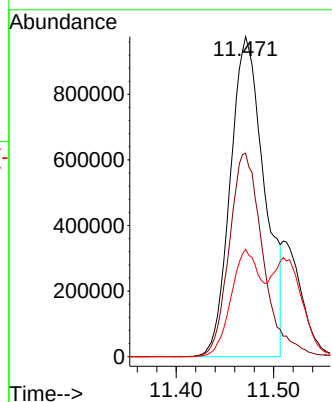
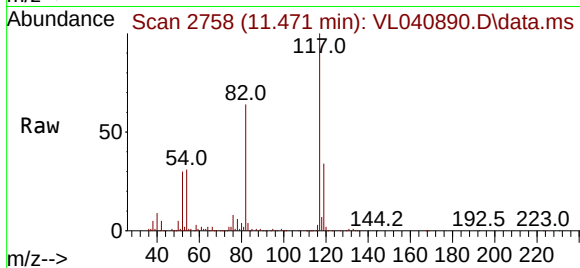
Tgt Ion:117 Resp: 2372194

Ion Ratio Lower Upper

117 100

82 63.4 50.6 75.8

119 26.9 23.3 34.9



#56

1,1,1,2-Tetrachloroethane

Concen: 10.337 ppbv

RT: 11.513 min Scan# 2771

Delta R.T. 0.006 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

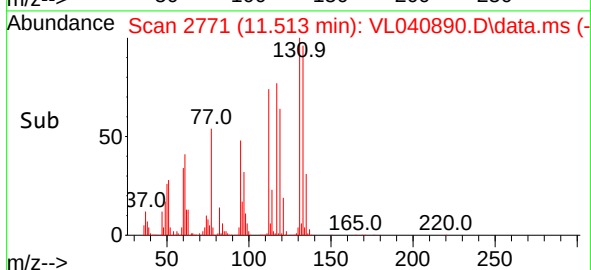
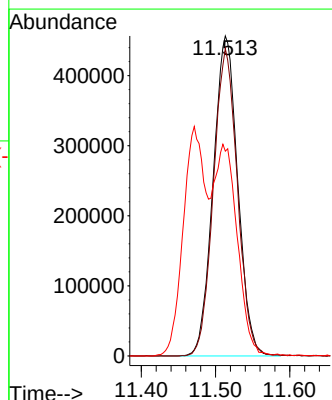
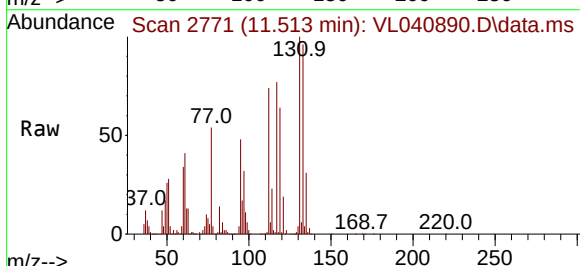
Tgt Ion:131 Resp: 1049534

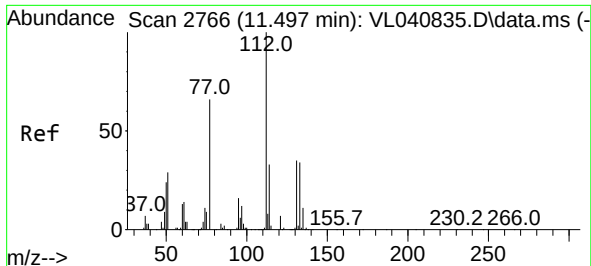
Ion Ratio Lower Upper

131 100

133 94.2 76.4 114.6

119 69.4 51.1 76.7





#57

Chlorobenzene

Concen: 9.742 ppbv

RT: 11.532 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01

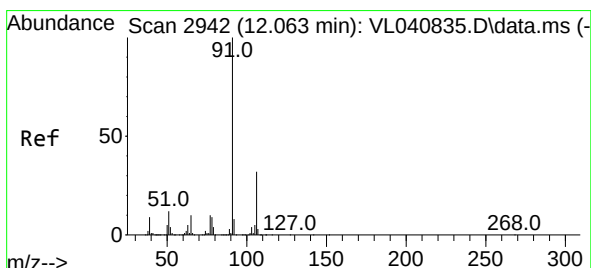
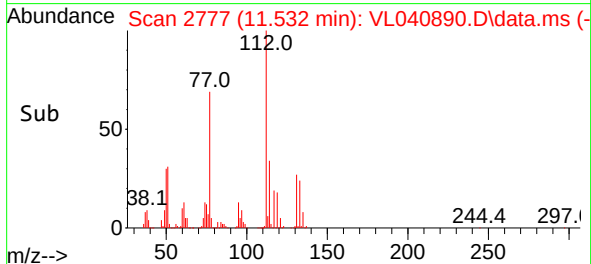
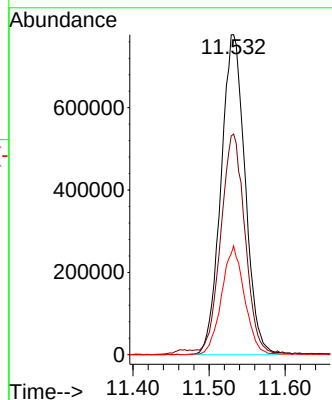
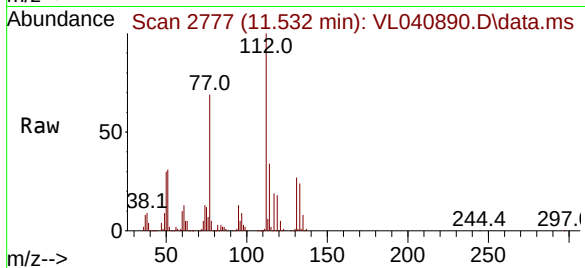
Tgt Ion:112 Resp: 1712920

Ion Ratio Lower Upper

112 100

77 68.3 53.3 79.9

114 33.9 29.3 35.9



#58

Ethyl Benzene

Concen: 9.913 ppbv

RT: 12.092 min Scan# 2951

Delta R.T. 0.006 min

Lab File: VL040890.D

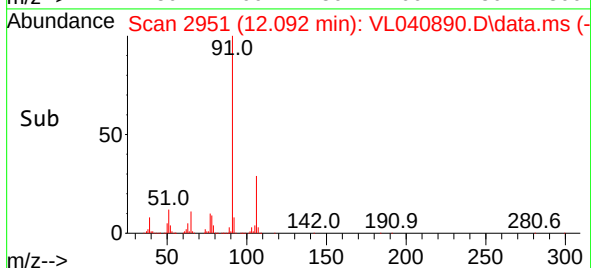
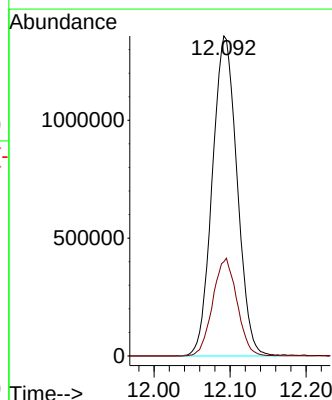
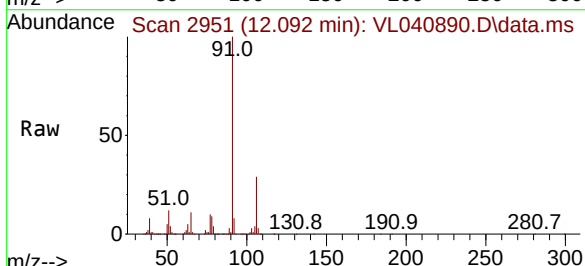
Acq: 17 Nov 2023 11:24

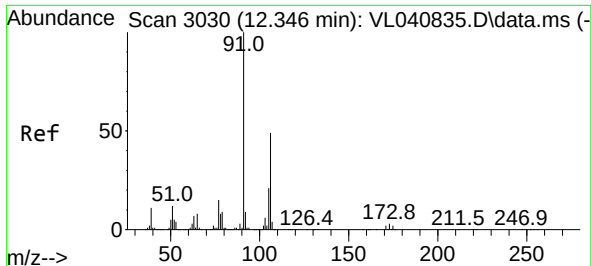
Tgt Ion: 91 Resp: 3068250

Ion Ratio Lower Upper

91 100

106 29.5 25.2 37.8





#59

m/p-Xylene

Concen: 9.686 ppbv

RT: 12.378 min Scan# 3030

Delta R.T. 0.010 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

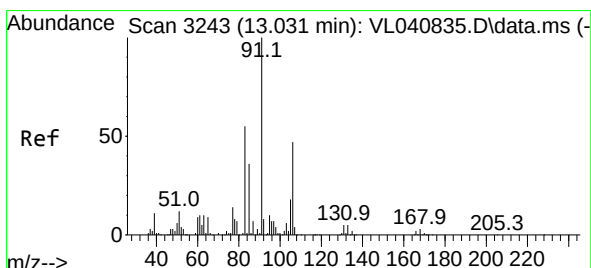
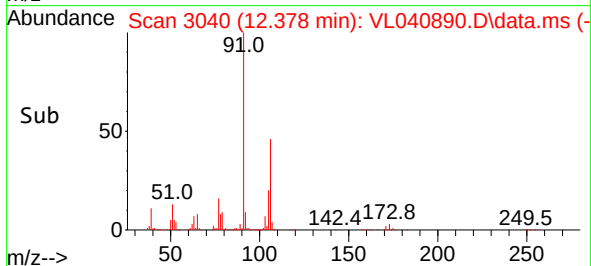
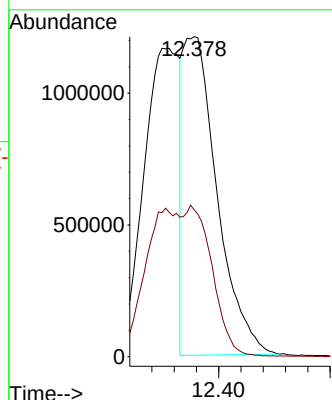
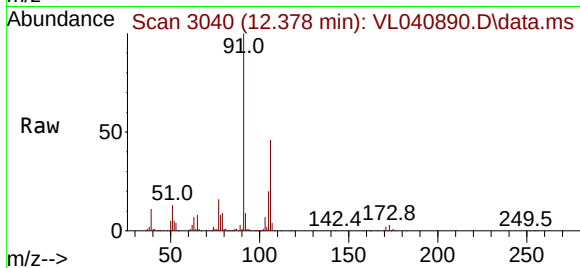
VL1117ABS01

Tgt Ion: 91 Resp: 2553043

Ion Ratio Lower Upper

91 100

106 88.5 35.4 53.0#



#60

o-Xylene

Concen: 9.864 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. 0.010 min

Lab File: VL040890.D

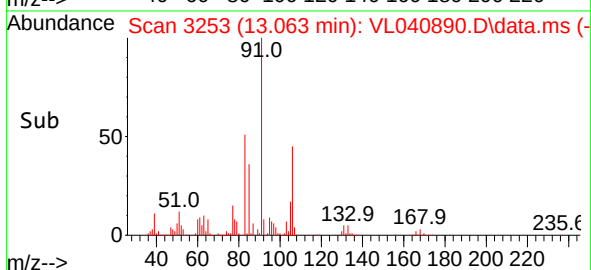
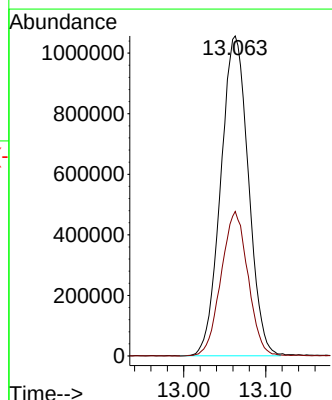
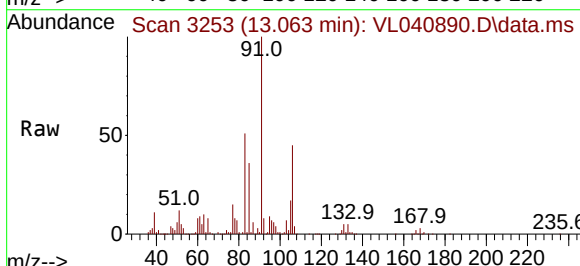
Acq: 17 Nov 2023 11:24

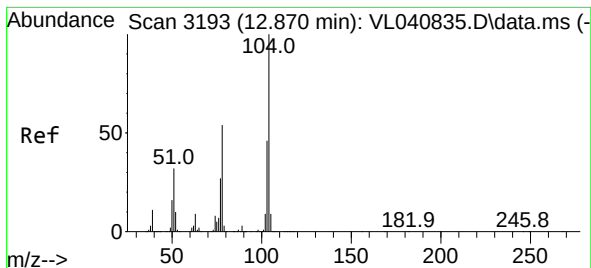
Tgt Ion: 91 Resp: 2474966

Ion Ratio Lower Upper

91 100

106 44.2 22.9 68.5





#61

Styrene

Concen: 10.474 ppbv

RT: 12.902 min Scan# 3193

Delta R.T. 0.010 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01

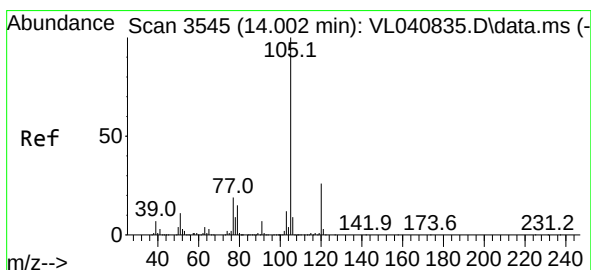
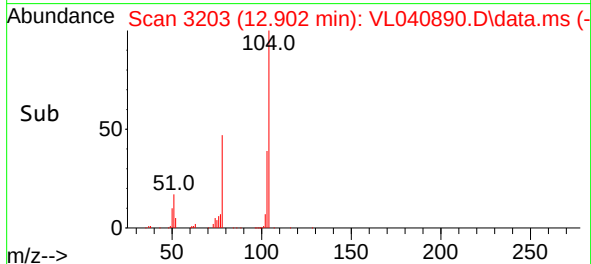
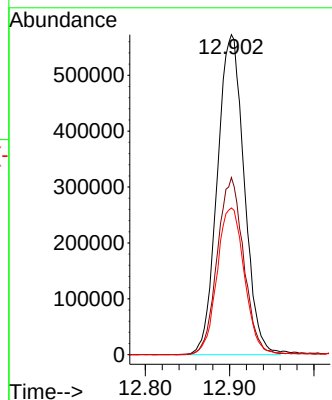
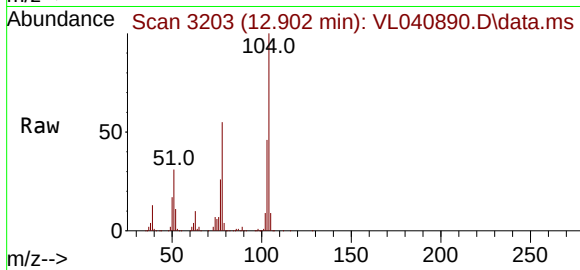
Tgt Ion:104 Resp: 1267338

Ion Ratio Lower Upper

104 100

78 54.7 43.3 64.9

103 47.1 37.6 56.4



#62

Isopropylbenzene

Concen: 9.707 ppbv

RT: 14.034 min Scan# 3555

Delta R.T. 0.010 min

Lab File: VL040890.D

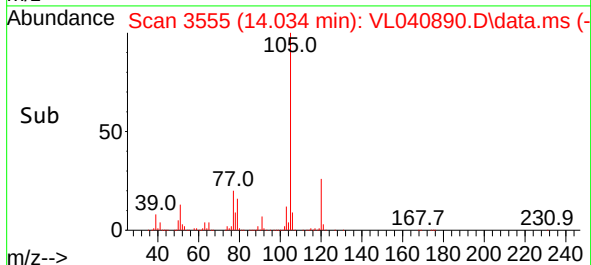
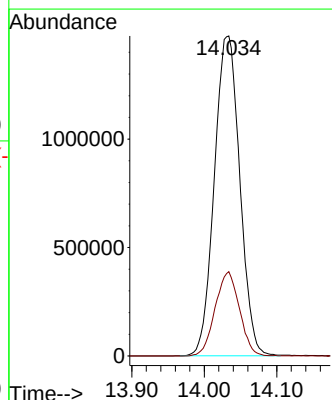
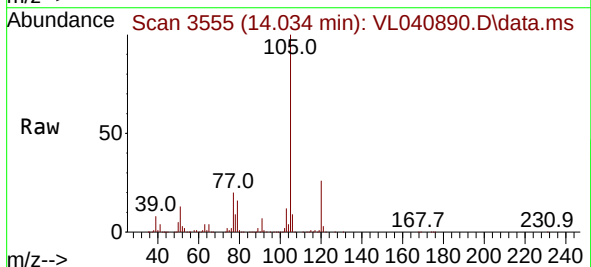
Acq: 17 Nov 2023 11:24

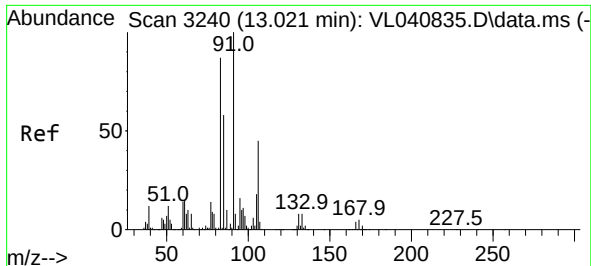
Tgt Ion:105 Resp: 3598272

Ion Ratio Lower Upper

105 100

120 25.2 20.7 31.1

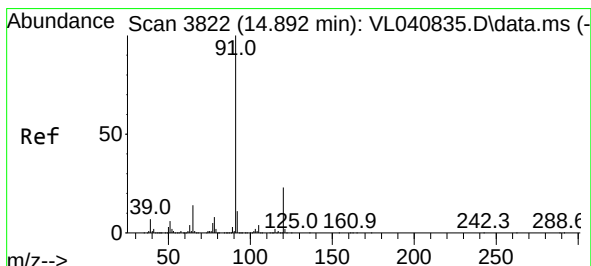
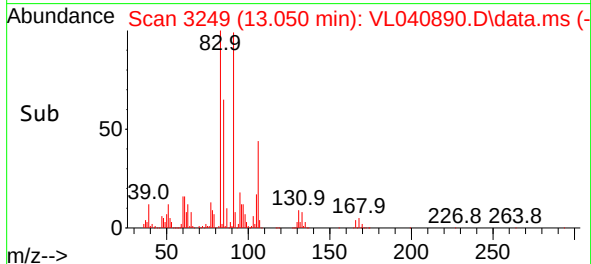
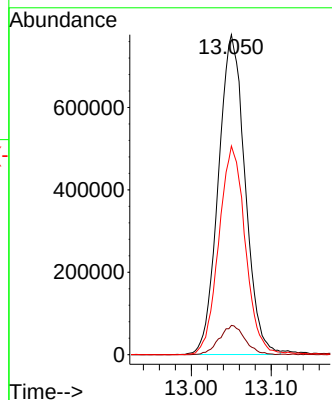
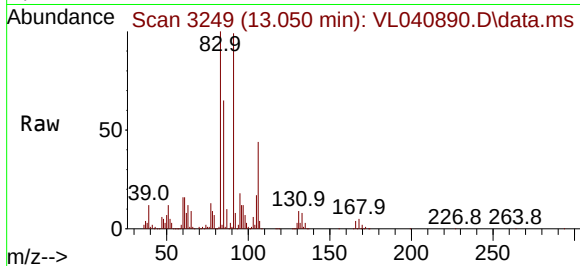




#63
1,1,2,2-Tetrachloroethane
Concen: 10.121 ppbv
RT: 13.050 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

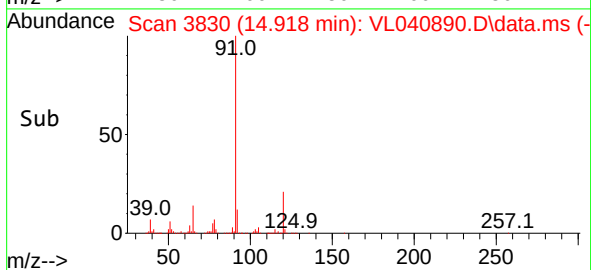
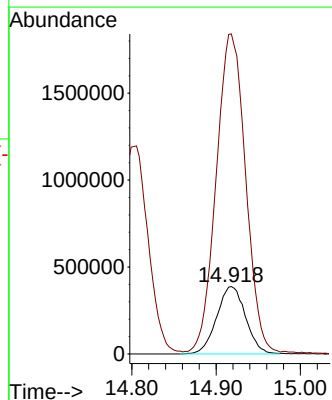
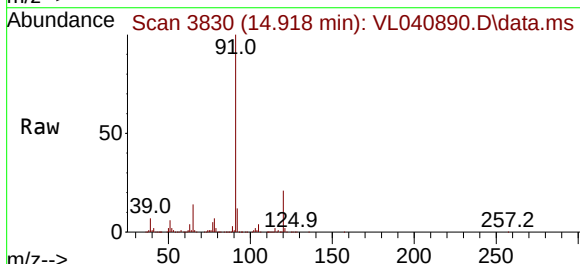
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

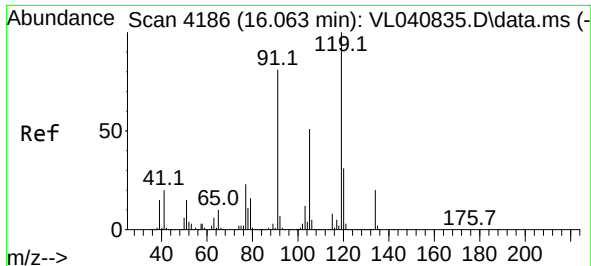
Tgt Ion: 83 Resp: 1799851
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.7
85 65.6 32.9 98.7



#64
n-propylbenzene
Concen: 9.900 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion:120 Resp: 919754
Ion Ratio Lower Upper
120 100
91 488.4 381.1 571.7

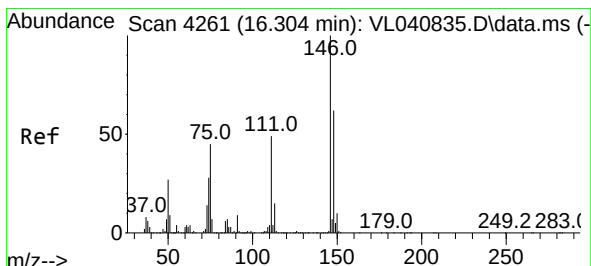
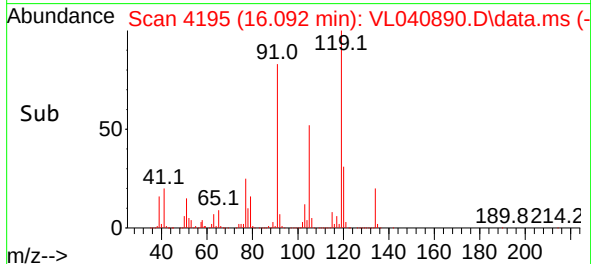
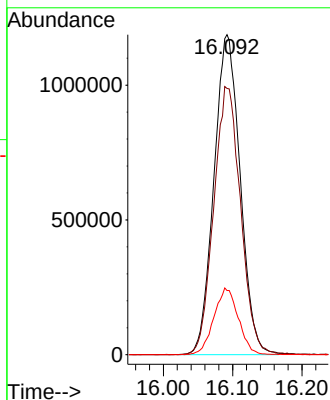
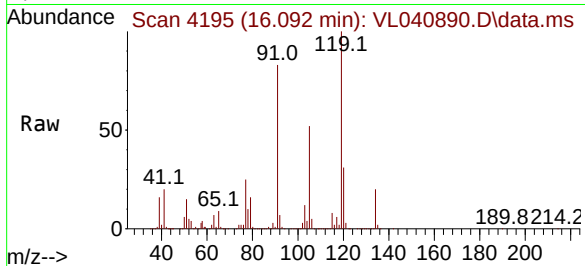




#65
tert-Butylbenzene
Concen: 9.986 ppbv
RT: 16.092 min Scan# 4186
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

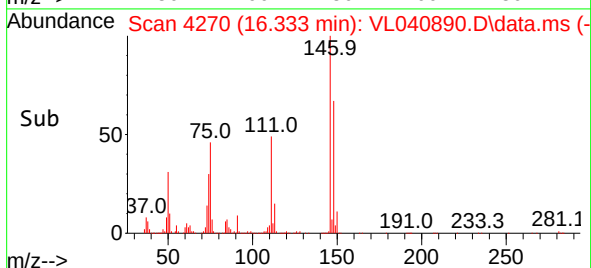
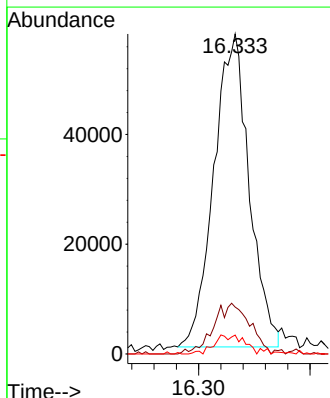
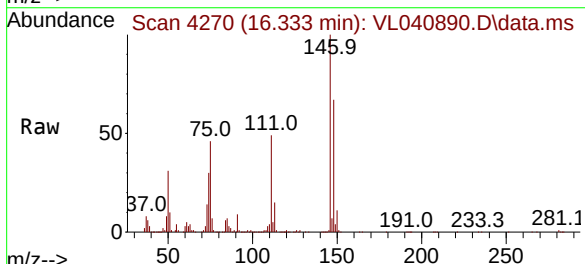
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

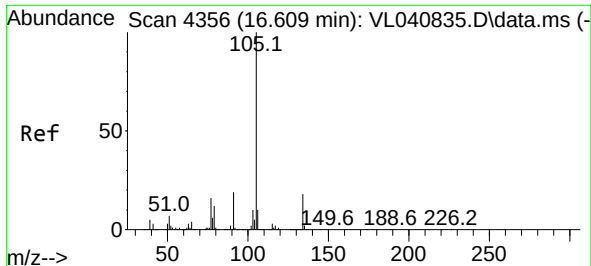
Tgt Ion:119 Resp: 3121333
Ion Ratio Lower Upper
119 100
91 86.0 67.5 101.3
134 19.5 15.9 23.9



#66
Benzyl Chloride
Concen: 10.892 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 91 Resp: 125452
Ion Ratio Lower Upper
91 100
126 17.4 12.8 19.2
128 5.9 0.0 0.0#

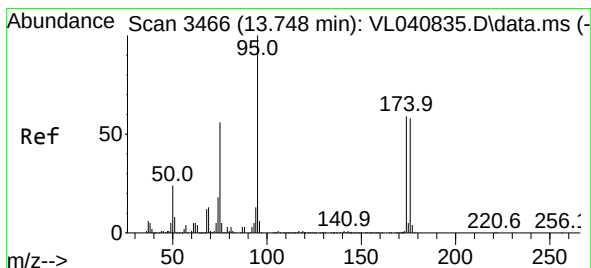
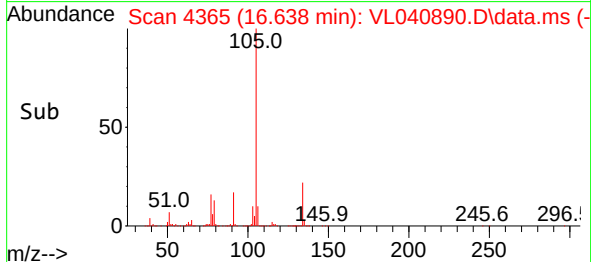
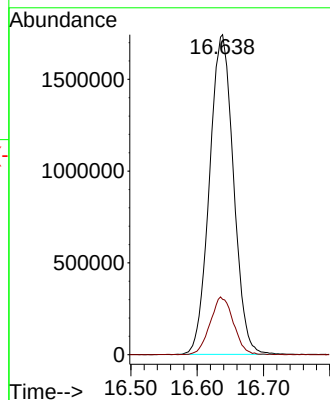
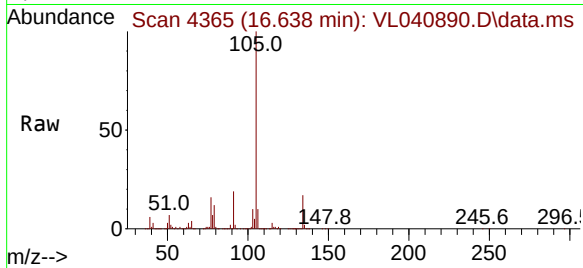




#67
 sec-Butylbenzene
 Concen: 9.819 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

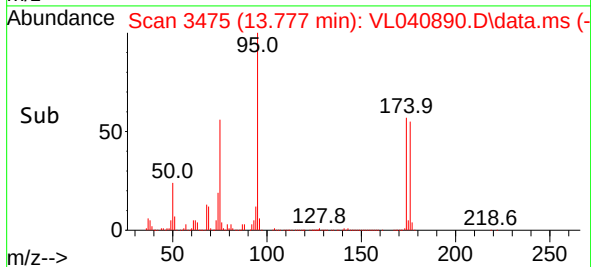
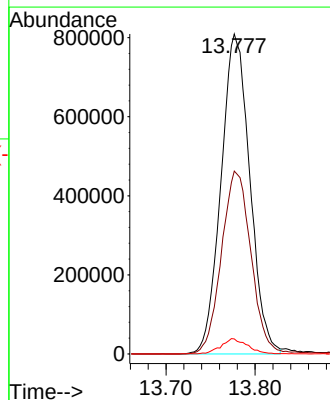
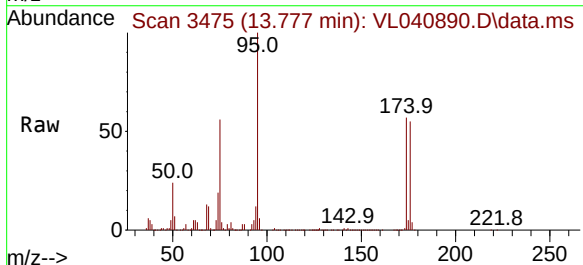
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1117ABS01

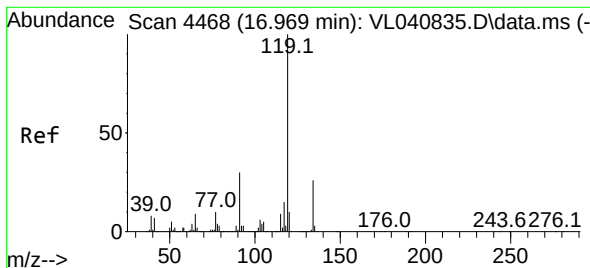
Tgt Ion:105 Resp: 4384380
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.788 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.006 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

Tgt Ion: 95 Resp: 1817885
 Ion Ratio Lower Upper
 95 100
 174 59.3 47.5 71.3
 175 4.5 3.6 5.4

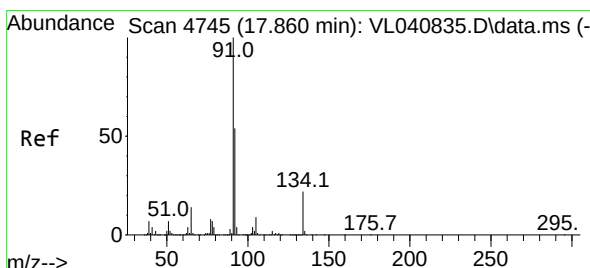
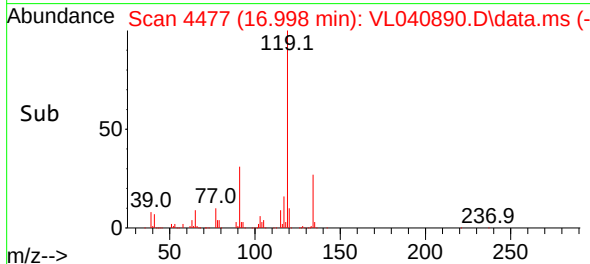
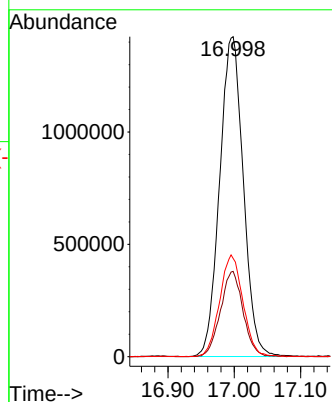
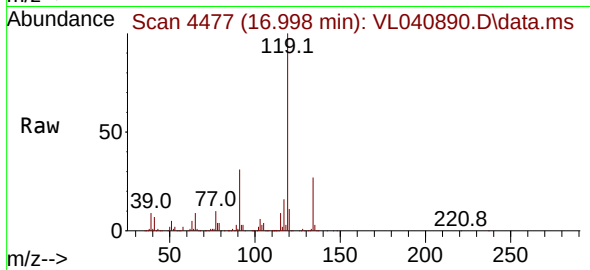




#69
p-Isopropyltoluene
Concen: 9.889 ppbv
RT: 16.998 min Scan# 4468
Delta R.T. 0.013 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

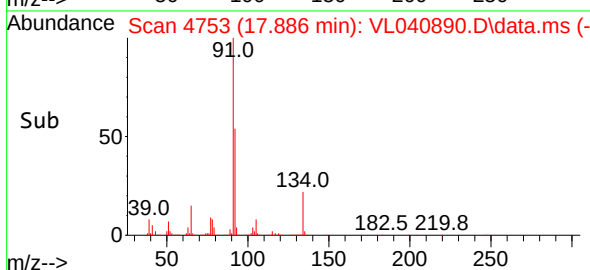
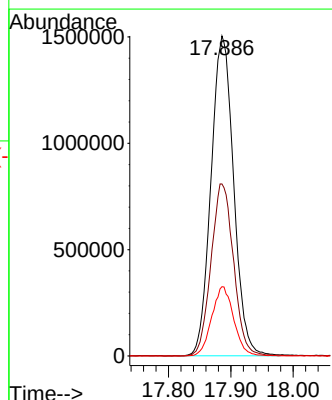
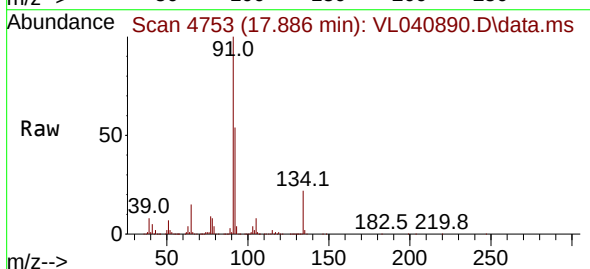
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

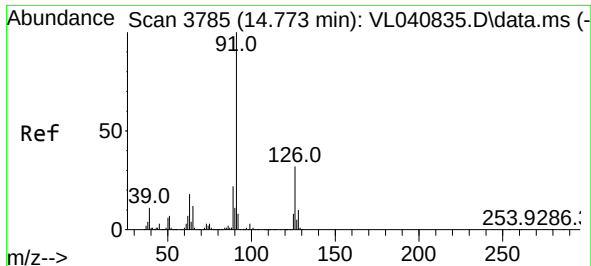
Tgt Ion:119 Resp: 3520700
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 31.3 24.7 37.1



#70
n-Butylbenzene
Concen: 10.079 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.006 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 91 Resp: 3789494
Ion Ratio Lower Upper
91 100
92 53.7 43.4 65.2
134 21.1 17.4 26.0

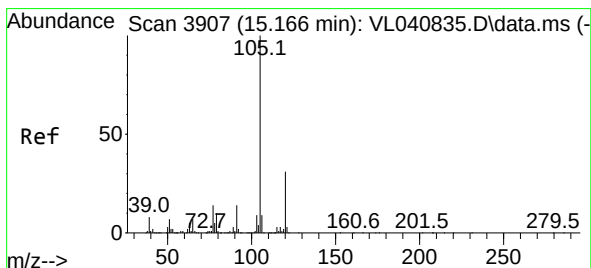
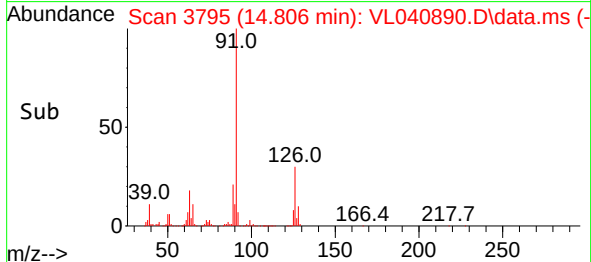
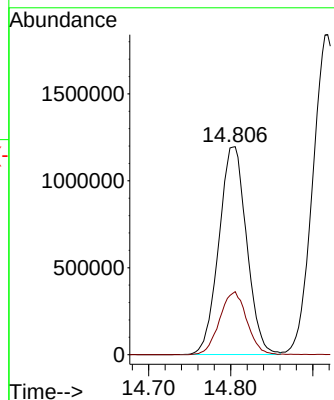
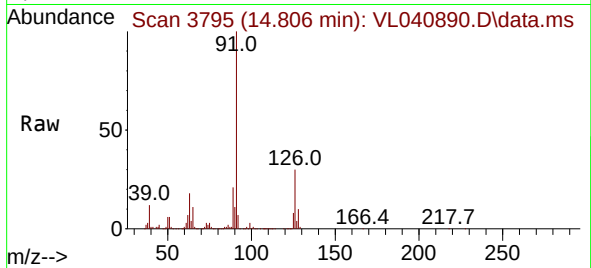




#71
2-Chlorotoluene
Concen: 9.965 ppbv
RT: 14.806 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

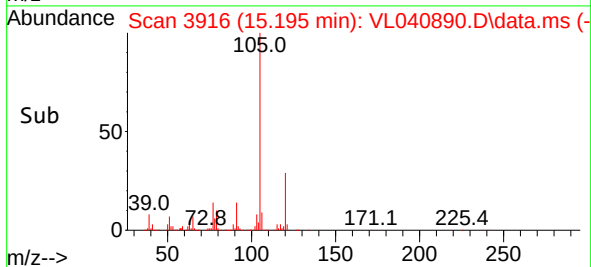
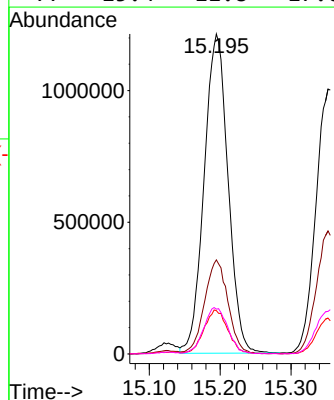
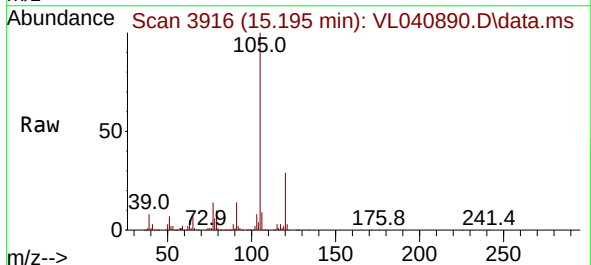
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

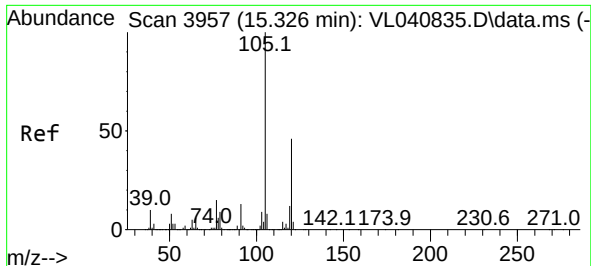
Tgt Ion: 91 Resp: 2816052
Ion Ratio Lower Upper
91 100
126 29.8 12.1 48.5



#72
4-Ethyltoluene
Concen: 10.290 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion: 105 Resp: 2838372
Ion Ratio Lower Upper
105 100
120 29.1 24.5 36.7
91 13.7 10.6 16.0
77 15.4 11.8 17.6

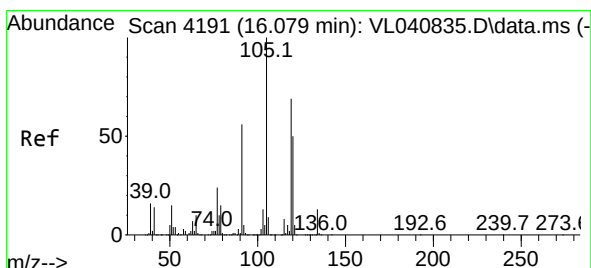
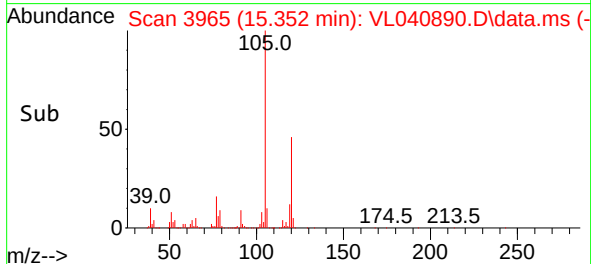
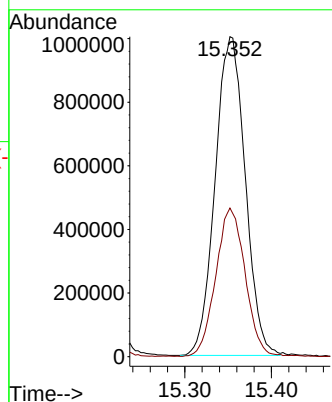
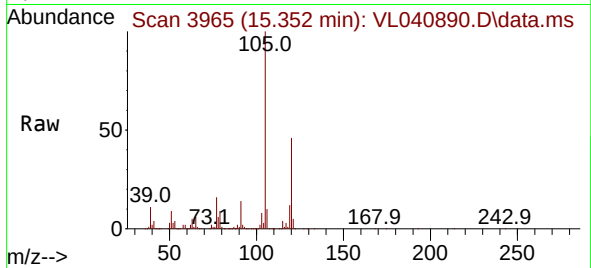




#73
 1,3,5-Trimethylbenzene
 Concen: 9.915 ppbv
 RT: 15.352 min Scan# 3957
 Delta R.T. 0.010 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

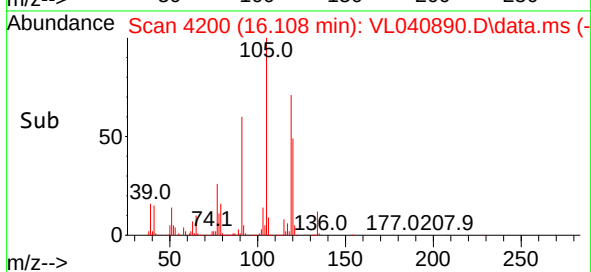
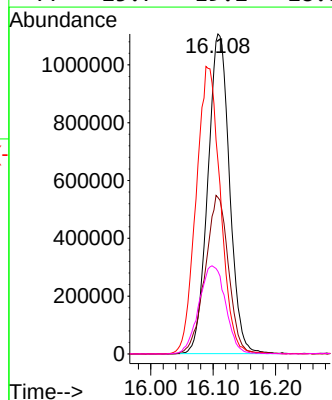
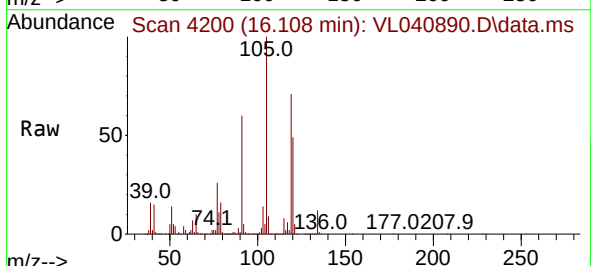
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1117ABS01

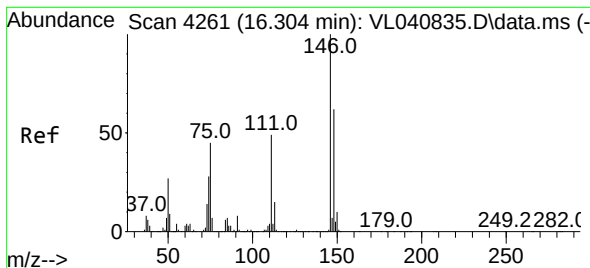
Tgt Ion:105 Resp: 2418552
 Ion Ratio Lower Upper
 105 100
 120 46.5 36.8 55.2



#74
 1,2,4-Trimethylbenzene
 Concen: 9.818 ppbv
 RT: 16.108 min Scan# 4200
 Delta R.T. 0.006 min
 Lab File: VL040890.D
 Acq: 17 Nov 2023 11:24

Tgt Ion:105 Resp: 2672629
 Ion Ratio Lower Upper
 105 100
 120 48.9 40.2 60.2
 91 60.3 45.7 68.5
 77 25.7 19.2 28.8





#75

1,3-Dichlorobenzene

Concen: 9.988 ppbv

RT: 16.333 min Scan# 4314

Delta R.T. 0.010 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01

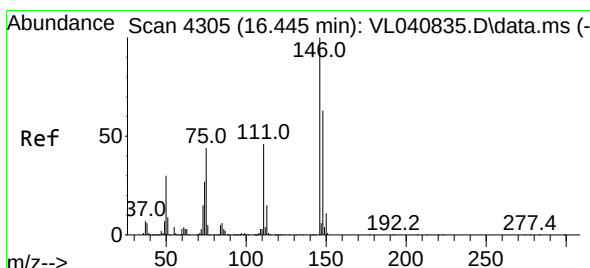
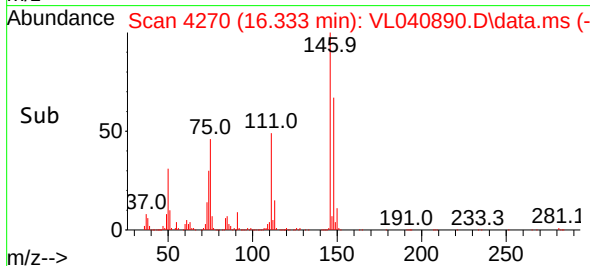
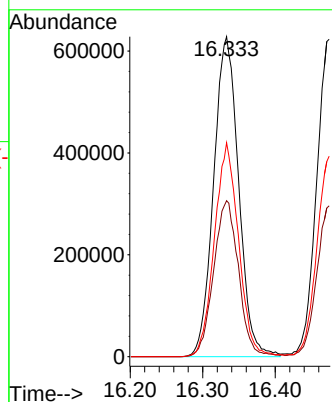
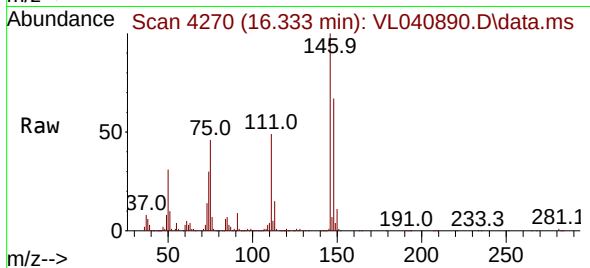
Tgt Ion:146 Resp: 1501379

Ion Ratio Lower Upper

146 100

111 48.8 24.9 74.8

148 64.8 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 10.258 ppbv

RT: 16.474 min Scan# 4314

Delta R.T. 0.010 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

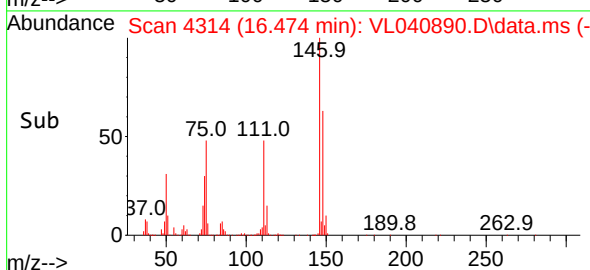
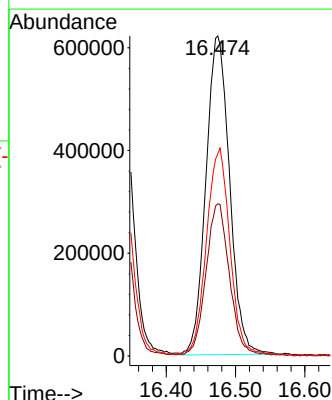
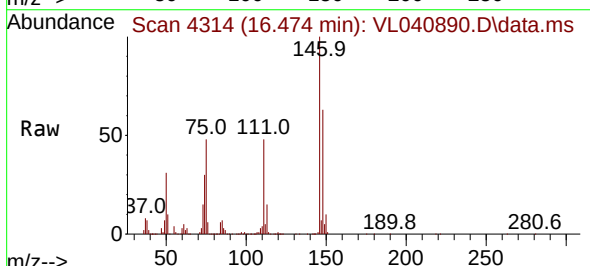
Tgt Ion:146 Resp: 1476176

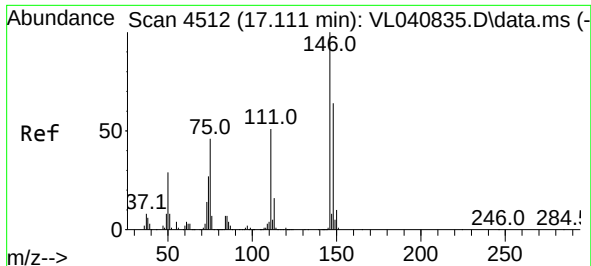
Ion Ratio Lower Upper

146 100

111 47.7 24.1 72.4

148 64.8 32.3 96.9

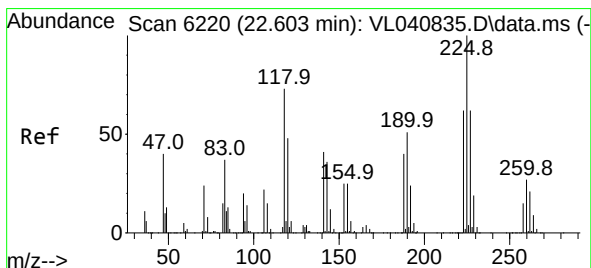
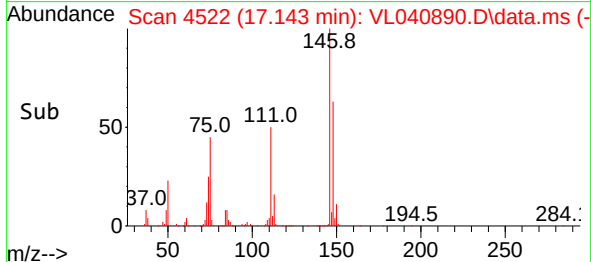
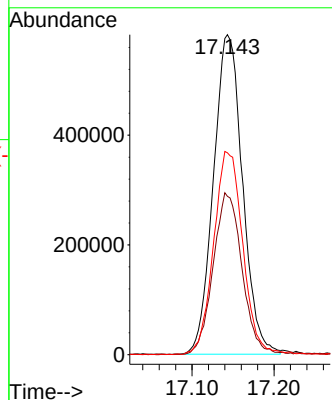
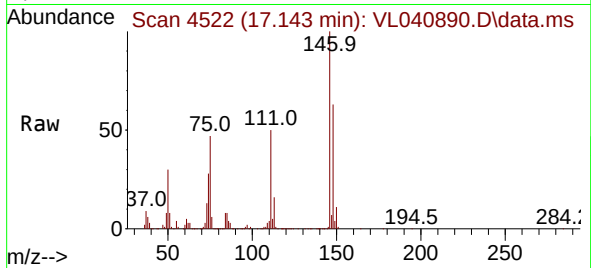




#77
1,2-Dichlorobenzene
Concen: 9.818 ppbv
RT: 17.143 min Scan# 411
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

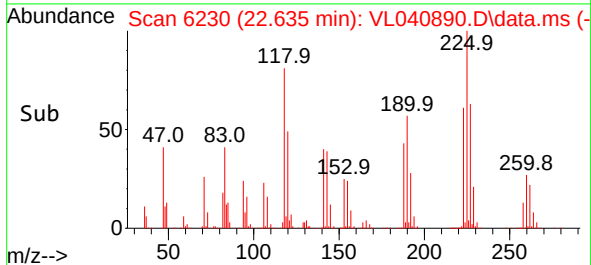
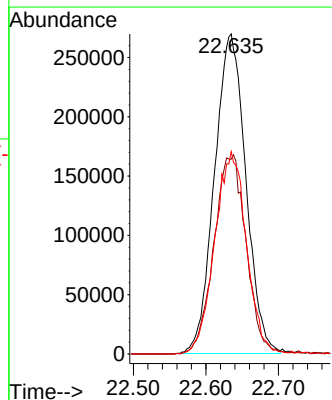
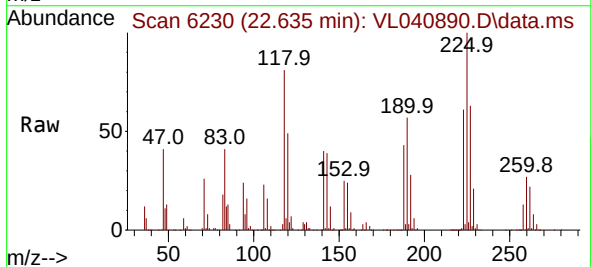
Instrument :
MSVOA_L
ClientSampleId :
VL1117ABS01

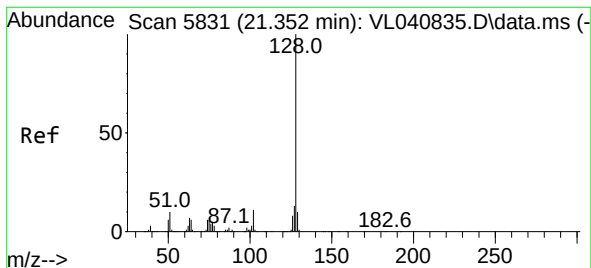
Tgt Ion:146 Resp: 1434970
Ion Ratio Lower Upper
146 100
111 50.9 25.7 77.1
148 63.9 32.3 96.9



#78
Hexachloro-1,3-Butadiene
Concen: 8.847 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. 0.010 min
Lab File: VL040890.D
Acq: 17 Nov 2023 11:24

Tgt Ion:225 Resp: 809564
Ion Ratio Lower Upper
225 100
223 64.3 51.1 76.7
227 64.0 50.8 76.2





#79

Naphthalene

Concen: 12.923 ppbv

RT: 21.381 min Scan# 5840

Delta R.T. 0.003 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01

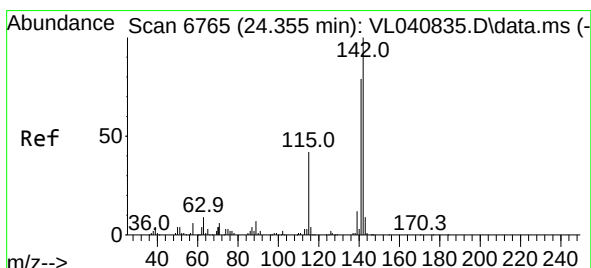
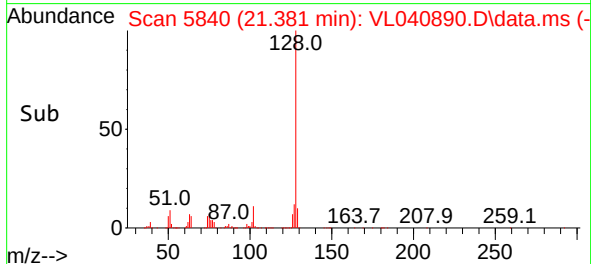
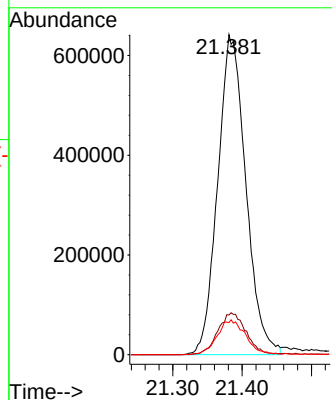
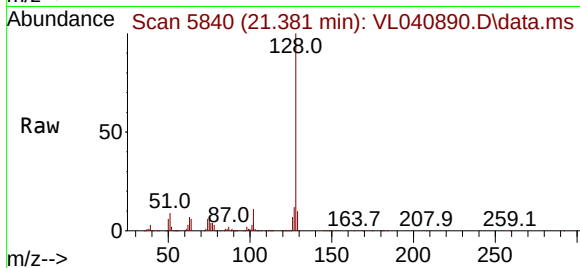
Tgt Ion:128 Resp: 1808130

Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

129 10.1 8.3 12.5



#80

Naphthalene,2-methyl-

Concen: 15.111 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. -0.003 min

Lab File: VL040890.D

Acq: 17 Nov 2023 11:24

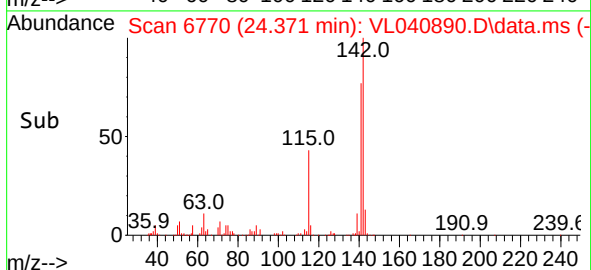
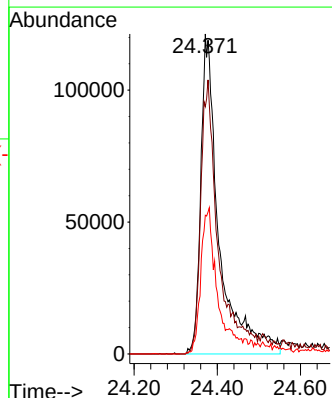
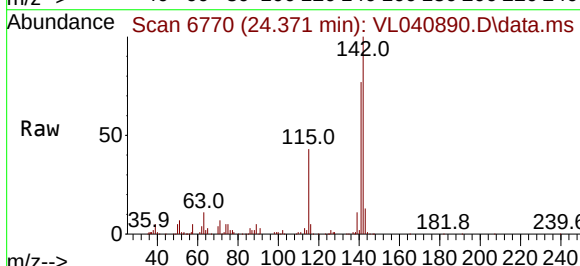
Tgt Ion:142 Resp: 373225

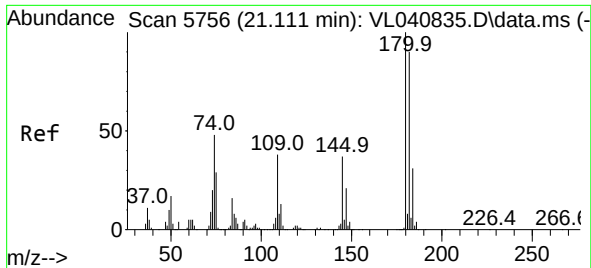
Ion Ratio Lower Upper

142 100

141 84.5 65.8 98.8

115 45.4 35.6 53.4





#81

1,2,4-Trichlorobenzene

Concen: 10.820 ppbv

RT: 21.140 min Scan# 51

Delta R.T. 0.013 min

Lab File: VL040890.D

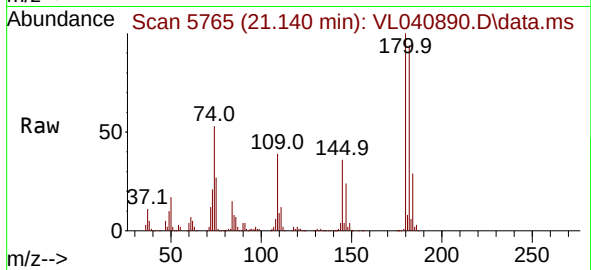
Acq: 17 Nov 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL1117ABS01



Tgt Ion:180 Resp: 920397

Ion Ratio Lower Upper

180 100

182 97.2 77.6 116.4

184 30.8 24.2 36.2

