

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039852.D
 Acq On : 9 Nov 2022 17:35
 Operator : SY/AP
 Sample : N5527-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10596-LIVING-ROOM

Quant Time: Nov 10 03:50:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1019700	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2342519	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.433	117	2178369	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1820419	11.165	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	78192	0.454	ppbv	90
3) Chlorodifluoromethane	2.681	51	14359486	118.121	ppbv #	79
4) Chloromethane	2.819	50	44022	0.582	ppbv	95
7) Chloroethane	3.198	64	1098	0.048	ppbv #	79
8) Dichlorotetrafluoroethane	2.735	85	78192	0.533	ppbv #	17
9) Propene	2.713	41	834864	13.181	ppbv #	59
10) Heptane	7.552	43	84136	0.555	ppbv	93
11) Trichlorofluoromethane	3.562	101	34240	0.244	ppbv	85
13) Ethanol	3.256	45	12135620	2711.003	ppbv	98
15) Acetone	3.462	43	11756736	94.723	ppbv	91
16) 1,3-Butadiene	2.970	39	25832	0.448	ppbv #	5
17) tert-Butyl alcohol	3.899	59	88501	0.749	ppbv #	70
19) Isopropyl Alcohol	3.594	45	3401623	55.371	ppbv #	1
20) Methylene Chloride	3.931	84	140407	3.162	ppbv	91
21) Allyl Chloride	3.944	41	2986	0.038	ppbv #	1
23) Vinyl Acetate	4.603	43	131198	2.653	ppbv #	1
25) Ethyl Acetate	5.189	43	1173416	4.590	ppbv #	91
26) Hexane	5.198	57	219615	1.927	ppbv #	1
27) Carbon Disulfide	4.118	76	13456	0.112	ppbv #	57
29) Chloroform	5.266	83	82427	0.514	ppbv	99
30) Cyclohexane	6.574	84	21556	0.226	ppbv #	83
31) cis-1,2-Dichloroethene	5.189	61	136112	1.310	ppbv #	25
34) 2-Butanone	4.774	43	1482751	15.343	ppbv	98
36) Benzene	6.346	78	47229	0.239	ppbv	93
37) 1,2-Dichloroethane	5.790	62	64638	0.682	ppbv	98
39) 1,2-Dichloropropane	6.680	63	9792	0.127	ppbv #	29
41) Tetrahydrofuran	5.539	42	387633	4.799	ppbv	97
42) Bromodichloromethane	7.230	83	7169	0.047	ppbv #	64
44) 2,2,4-Trimethylpentane	7.301	57	119816	0.359	ppbv #	56
50) 4-Methyl-2-Pentanone	8.163	43	111718	0.565	ppbv	100
51) 2-Hexanone	9.523	43	7486	0.049	ppbv #	27
52) Tetrachloroethene	10.584	164	4539	0.061	ppbv #	86
53) Toluene	9.188	91	1475351	6.508	ppbv	99
58) Ethyl Benzene	12.053	91	276378	0.938	ppbv	99
59) m/p-Xylene	12.310	91	735791	2.993	ppbv	97
60) o-Xylene	13.021	91	105967	0.455	ppbv #	29
61) Styrene	12.864	104	66265	0.462	ppbv	93
64) n-propylbenzene	15.098	120	4600	0.051	ppbv	72
69) p-Isopropyltoluene	16.963	119	38378	0.114	ppbv #	44
71) 2-Chlorotoluene	14.880	91	15988	0.063	ppbv #	42
72) 4-Ethyltoluene	15.162	105	31873	0.122	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.317	105	28032	0.121	ppbv #	67
74) 1,2,4-Trimethylbenzene	16.079	105	140746	0.570	ppbv #	69

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QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

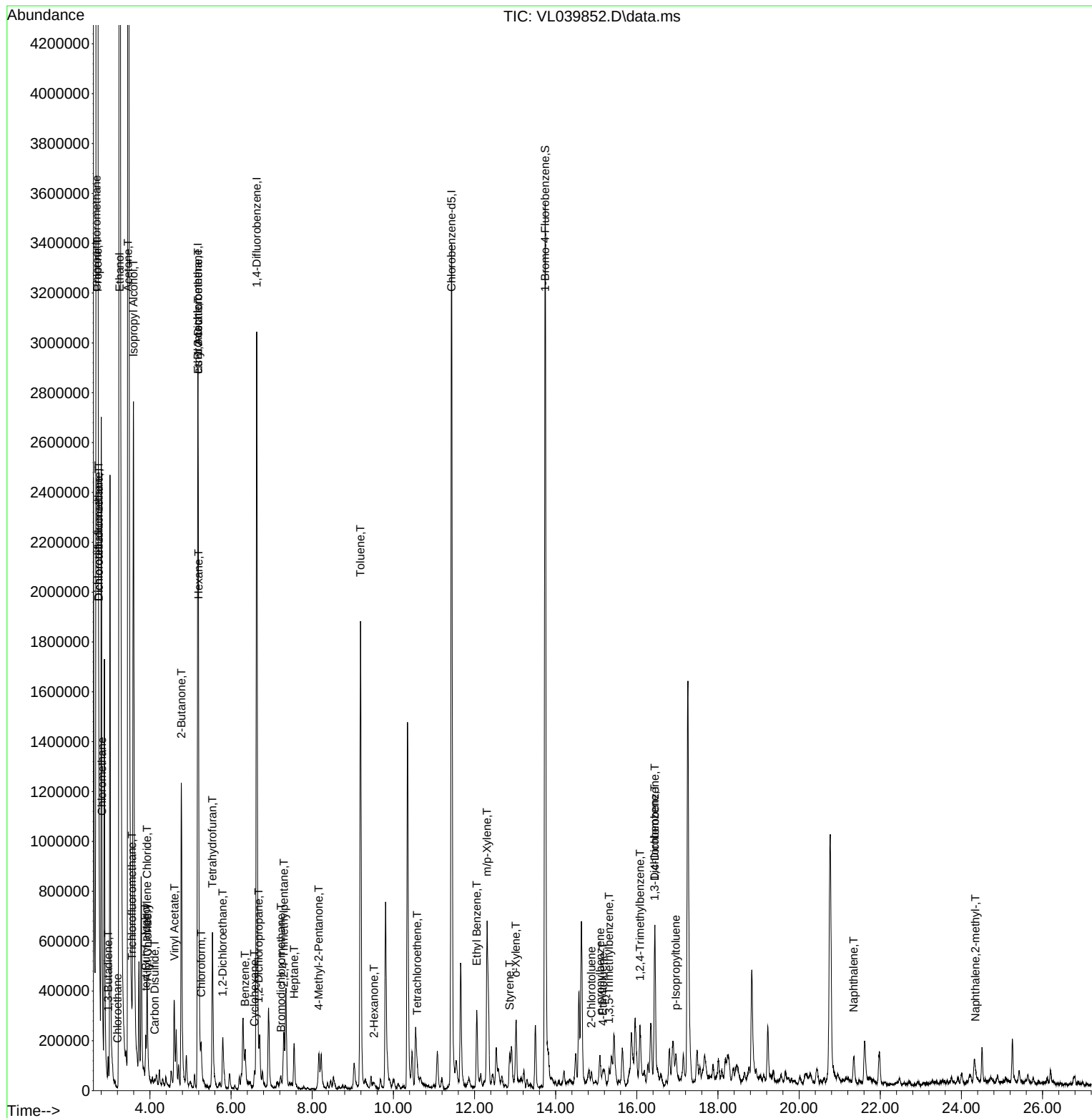
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,3-Dichlorobenzene	16.436	146	37022	0.257	ppbv #	28
76) 1,4-Dichlorobenzene	16.445	146	25845	0.183	ppbv #	1
79) Naphthalene	21.345	128	71044	0.396	ppbv #	96
80) Naphthalene,2-methyl-	24.342	142	9744	0.128	ppbv #	89

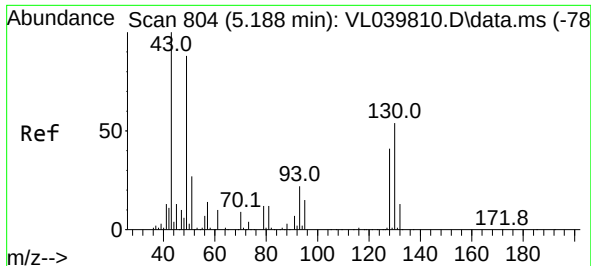
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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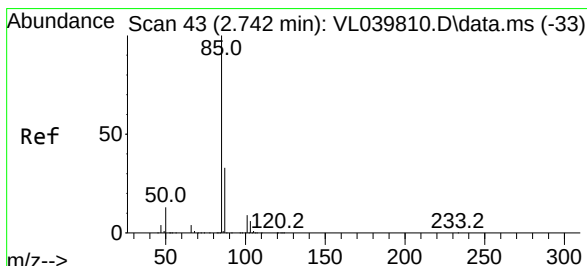
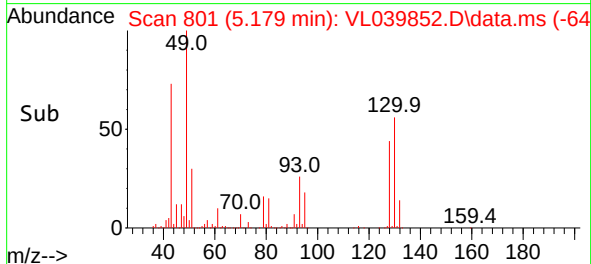
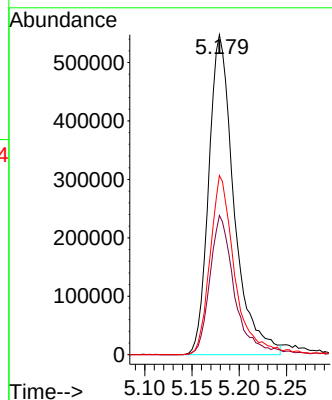
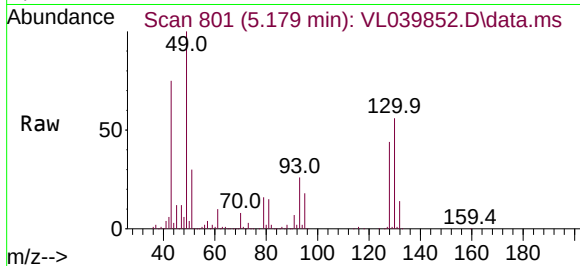




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.179 min Scan# 80
 Delta R.T. -0.009 min
 Lab File: VL039852.D
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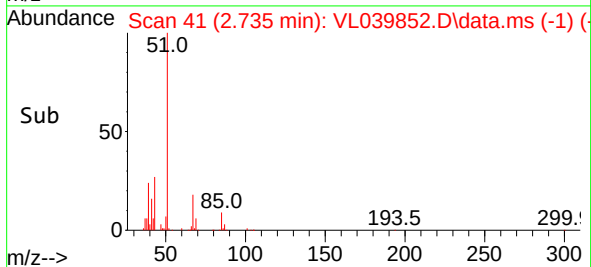
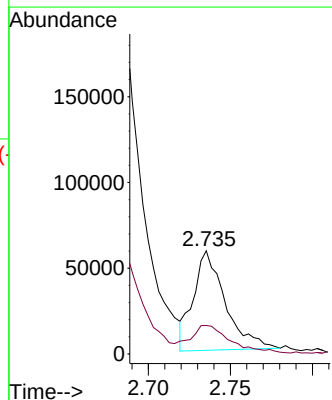
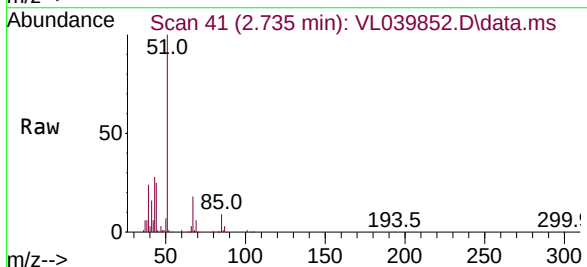
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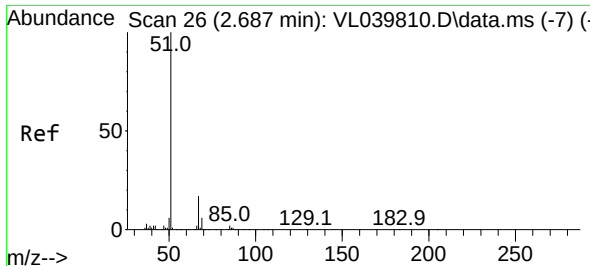
Tgt Ion: 49 Resp: 1019700
 Ion Ratio Lower Upper
 49 100
 128 43.6 24.6 73.6
 130 55.7 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 0.454 ppbv
 RT: 2.735 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL039852.D
 Acq: 9 Nov 2022 17:35

Tgt Ion: 85 Resp: 78192
 Ion Ratio Lower Upper
 85 100
 87 27.5 26.4 39.6

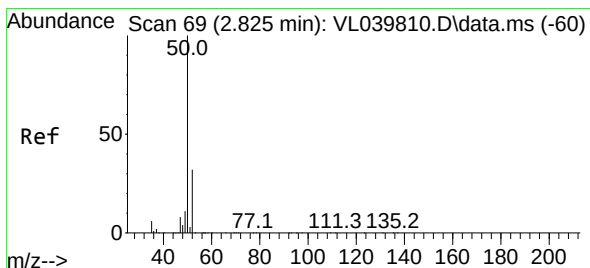
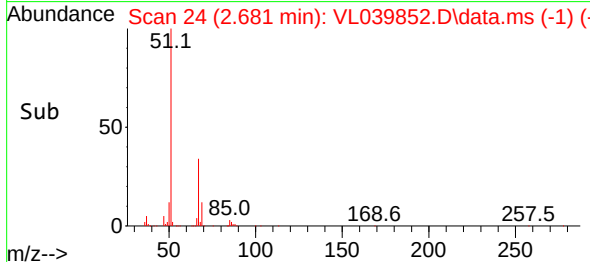
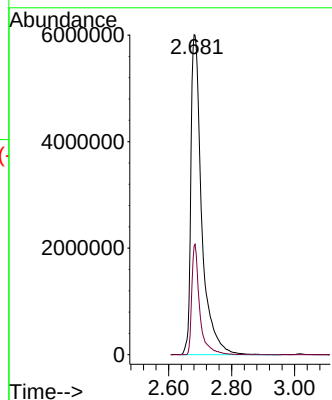
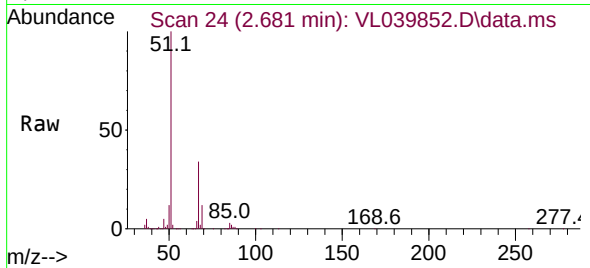




#3
Chlorodifluoromethane
Concen: 118.121 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.006 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

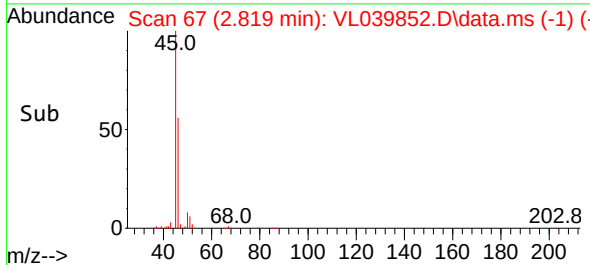
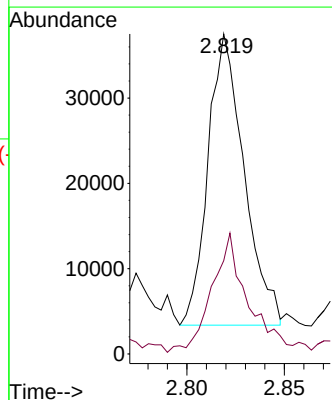
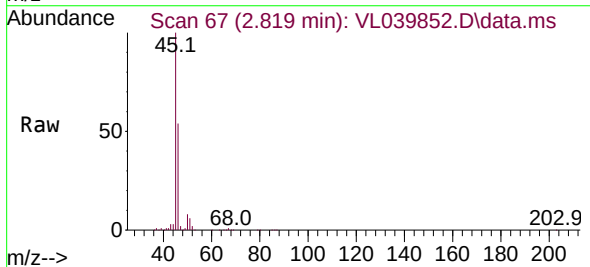
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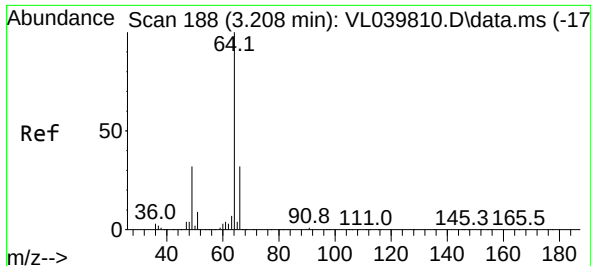
Tgt Ion: 51 Resp:14359486
Ion Ratio Lower Upper
51 100
67 25.3 13.2 19.8#



#4
Chloromethane
Concen: 0.582 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.006 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion: 50 Resp: 44022
Ion Ratio Lower Upper
50 100
52 29.3 25.5 38.3

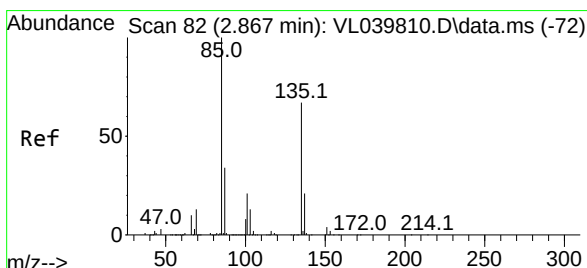
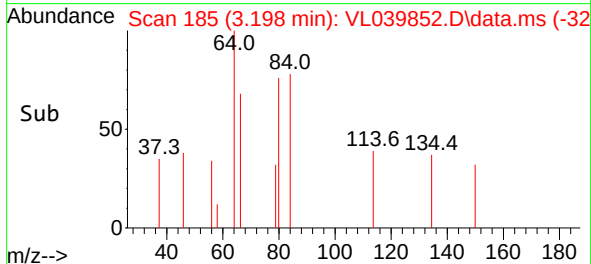
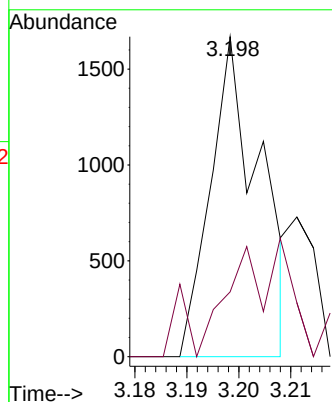
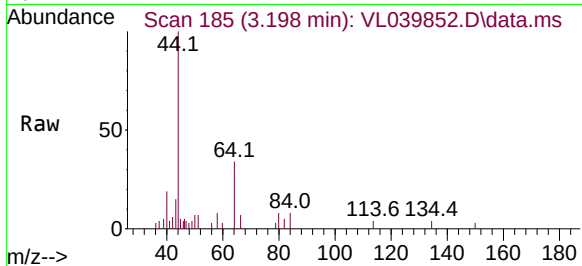




#7
Chloroethane
Concen: 0.048 ppbv
RT: 3.198 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

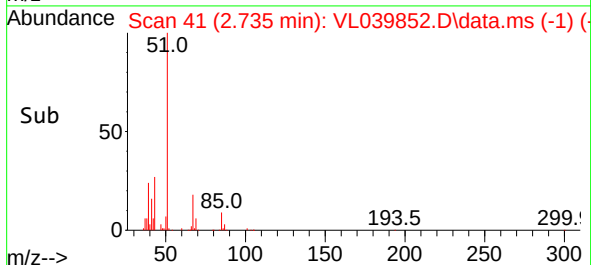
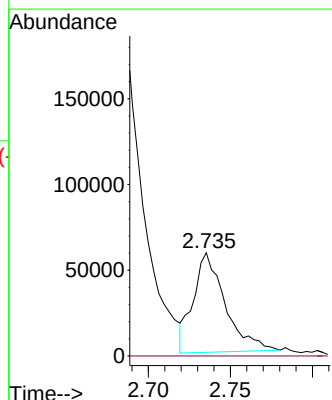
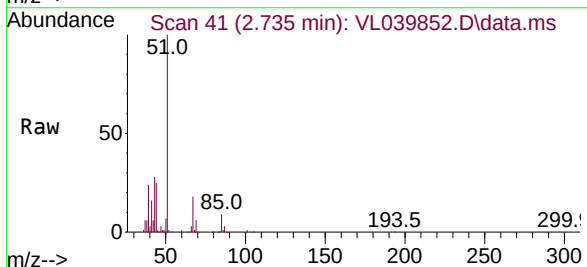
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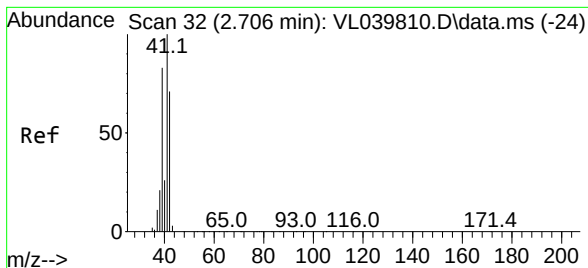
Tgt Ion: 64 Resp: 1098
Ion Ratio Lower Upper
64 100
66 20.3 25.5 38.3#



#8
Dichlorotetrafluoroethane
Concen: 0.533 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.132 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion: 85 Resp: 78192
Ion Ratio Lower Upper
85 100
135 2.3 56.7 85.1#





#9

Propene

Concen: 13.181 ppbv

RT: 2.713 min Scan# 34

Delta R.T. 0.007 min

Lab File: VL039852.D

Acq: 9 Nov 2022 17:35

Instrument :

MSVOA_L

ClientSampleId :

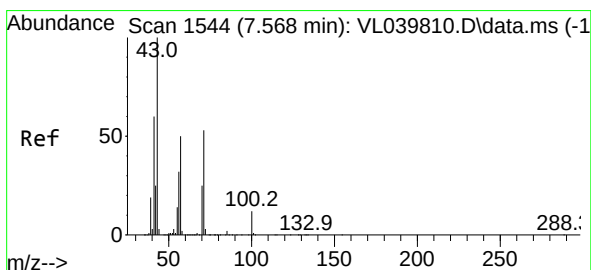
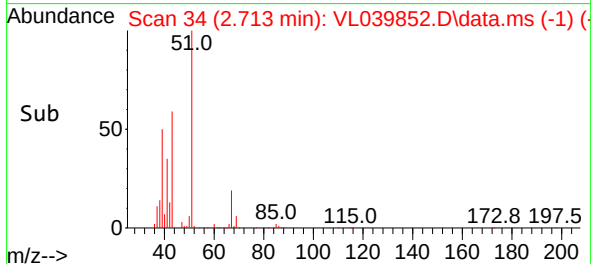
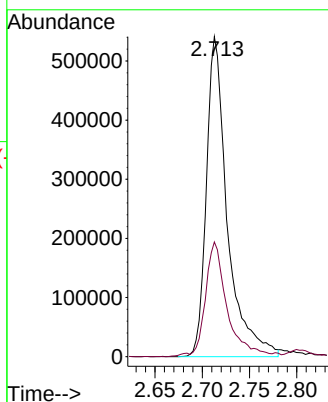
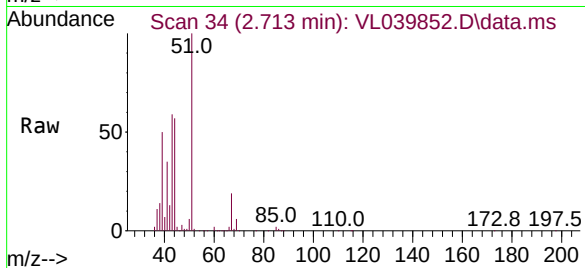
10596-LIVING-ROOM

Tgt Ion: 41 Resp: 834864

Ion Ratio Lower Upper

41 100

42 36.9 56.3 84.5#



#10

Heptane

Concen: 0.555 ppbv

RT: 7.552 min Scan# 1539

Delta R.T. -0.016 min

Lab File: VL039852.D

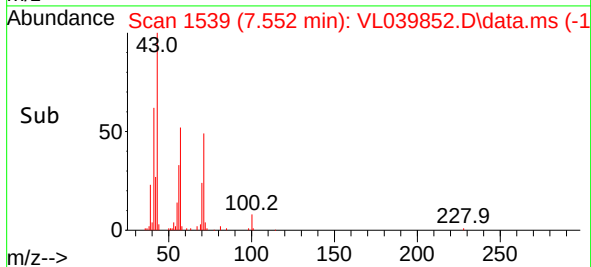
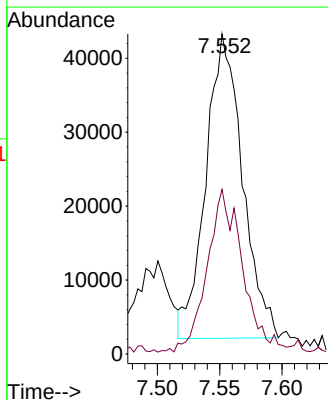
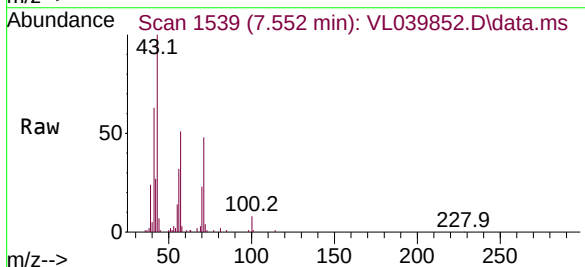
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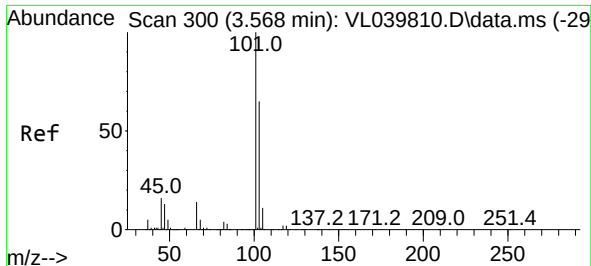
Tgt Ion: 43 Resp: 84136

Ion Ratio Lower Upper

43 100

57 55.3 40.5 60.7

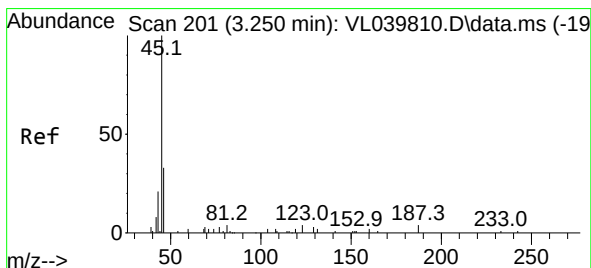
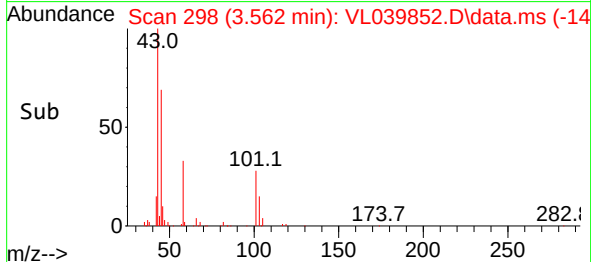
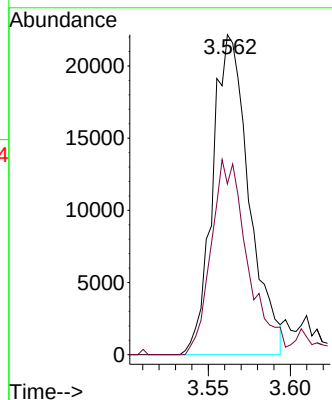
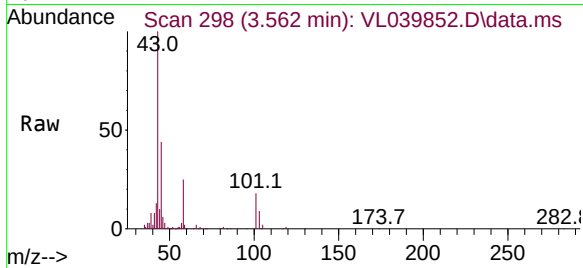




#11
Trichlorofluoromethane
Concen: 0.244 ppbv
RT: 3.562 min Scan# 298
Delta R.T. -0.006 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

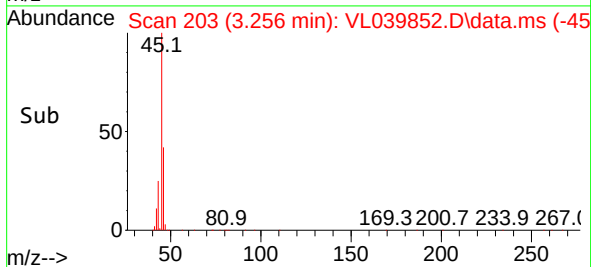
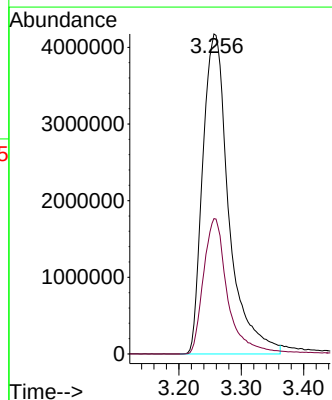
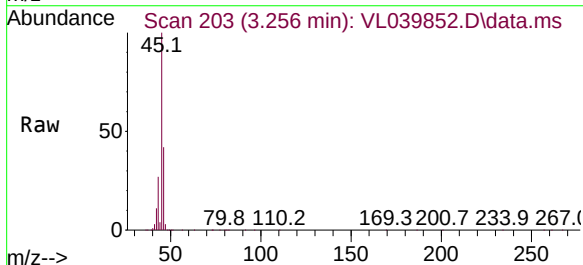
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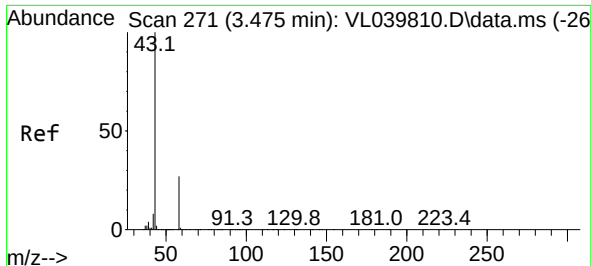
Tgt Ion:101 Resp: 34240
Ion Ratio Lower Upper
101 100
103 53.4 52.2 78.2



#13
Ethanol
Concen: 2711.003 ppbv
RT: 3.256 min Scan# 203
Delta R.T. 0.007 min
Lab File: VL039852.D
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Tgt Ion: 45 Resp:12135620
Ion Ratio Lower Upper
45 100
46 40.2 16.5 65.9

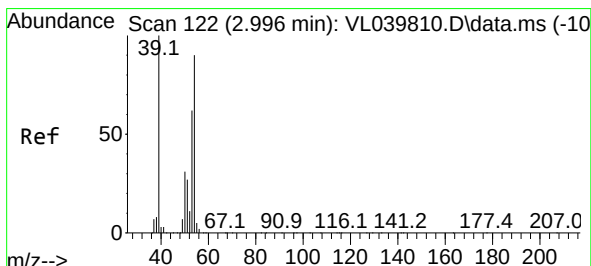
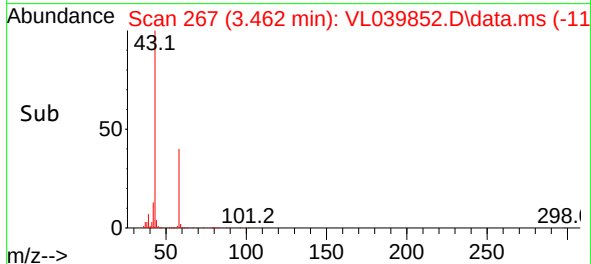
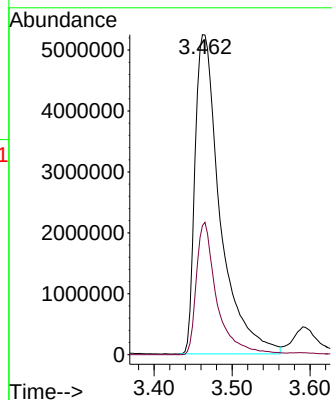
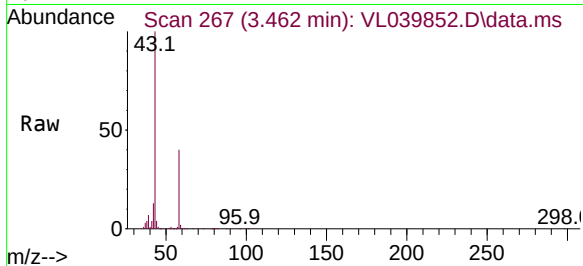




#15
Acetone
Concen: 94.723 ppbv
RT: 3.462 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

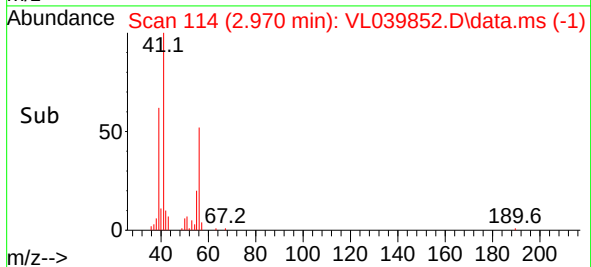
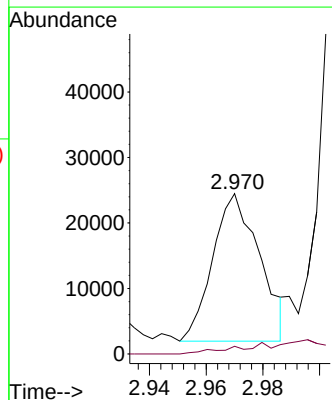
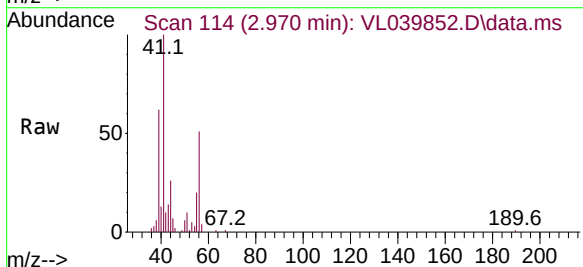
Instrument :
MSVOA_L
ClientSampleId :
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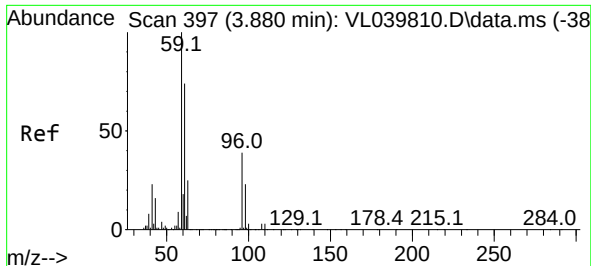
Tgt Ion: 43 Resp:11756736
Ion Ratio Lower Upper
43 100
58 34.1 23.2 34.8



#16
1,3-Butadiene
Concen: 0.448 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.026 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion: 39 Resp: 25832
Ion Ratio Lower Upper
39 100
54 0.0 71.0 106.4#





#17

tert-Butyl alcohol

Concen: 0.749 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.019 min

Lab File: VL039852.D

Acq: 9 Nov 2022 17:35

Instrument :

MSVOA_L

ClientSampleId :

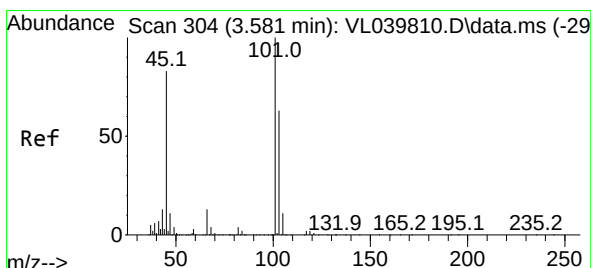
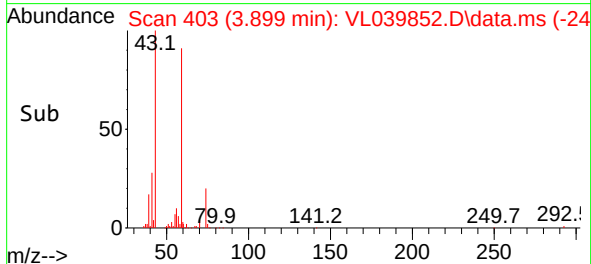
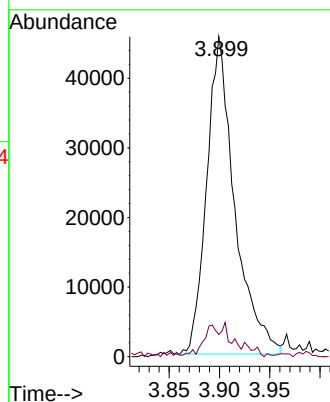
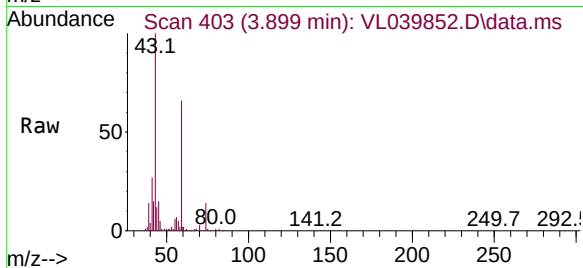
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Tgt Ion: 59 Resp: 88501

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



#19

Isopropyl Alcohol

Concen: 55.371 ppbv

RT: 3.594 min Scan# 308

Delta R.T. 0.013 min

Lab File: VL039852.D

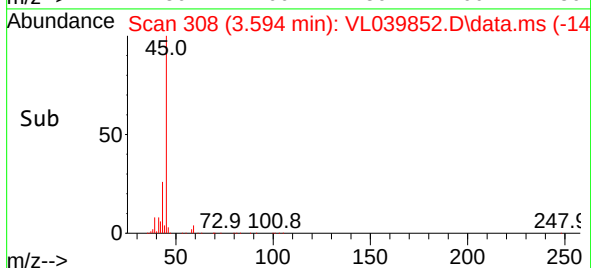
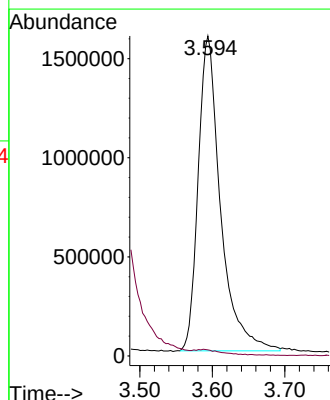
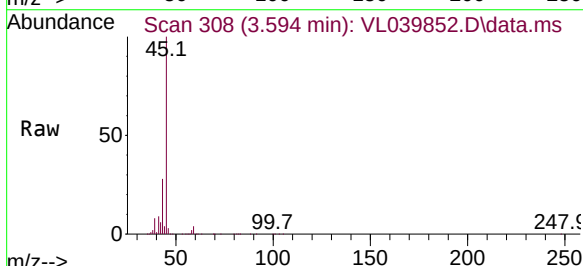
Acq: 9 Nov 2022 17:35

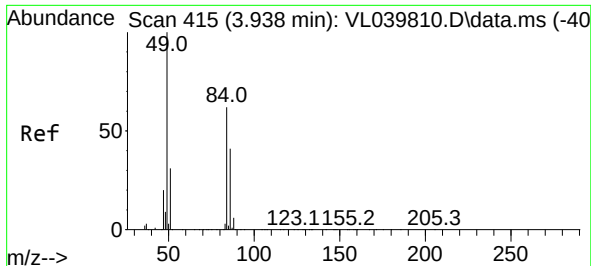
Tgt Ion: 45 Resp: 3401623

Ion Ratio Lower Upper

45 100

58 117.7 38.3 57.5#

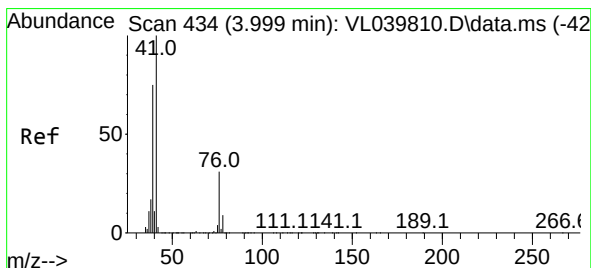
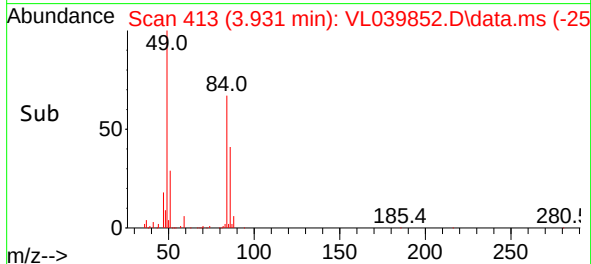
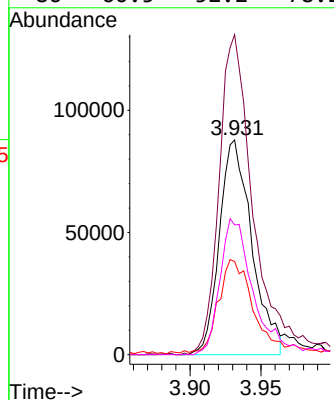
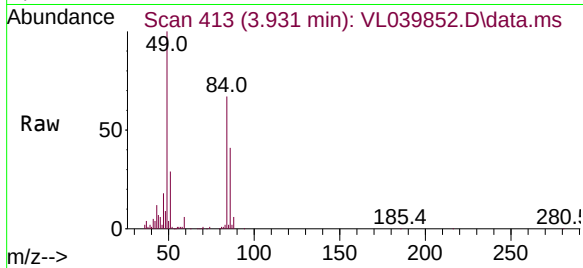




#20
Methylene Chloride
Concen: 3.162 ppbv
RT: 3.931 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

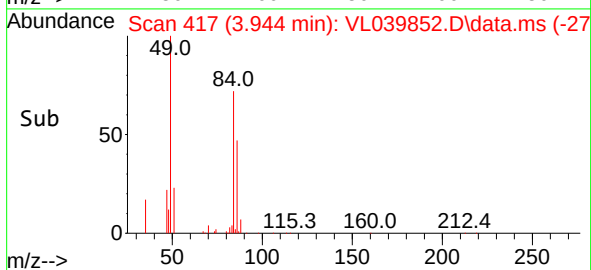
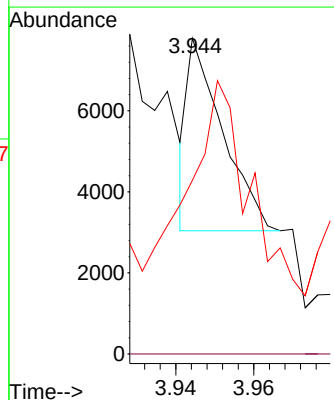
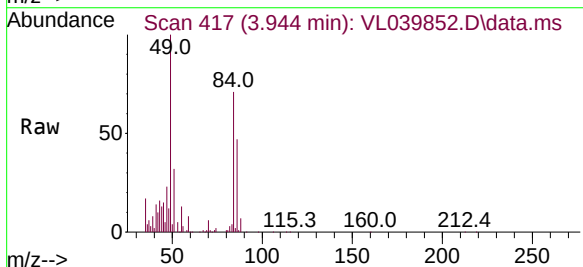
Instrument :
MSVOA_L
ClientSampleId :
10596-LIVING-ROOM

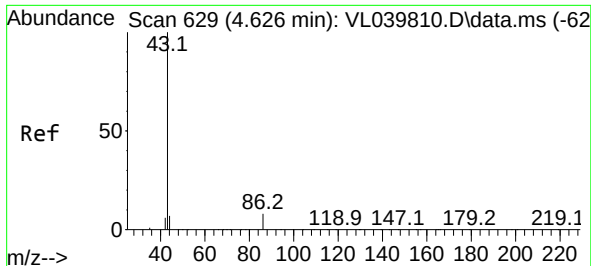
Tgt Ion: 84 Resp: 140407
Ion Ratio Lower Upper
84 100
49 149.0 128.6 192.8
51 42.5 40.2 60.4
86 60.5 52.2 78.2



#21
Allyl Chloride
Concen: 0.038 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.055 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion: 41 Resp: 2986
Ion Ratio Lower Upper
41 100
76 0.0 24.1 36.1#
39 363.5 64.3 96.5#

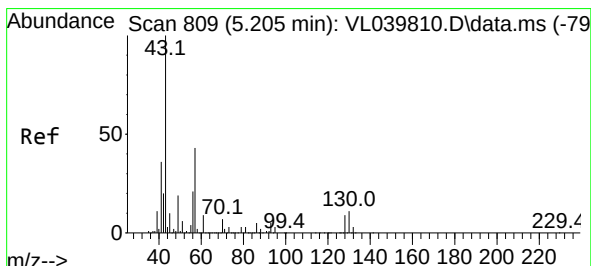
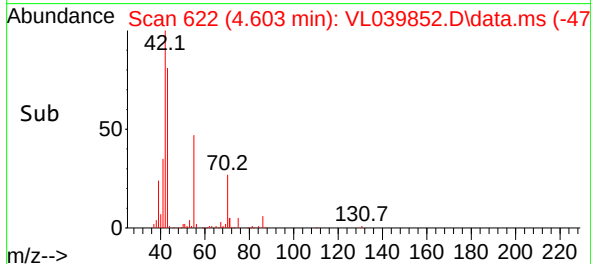
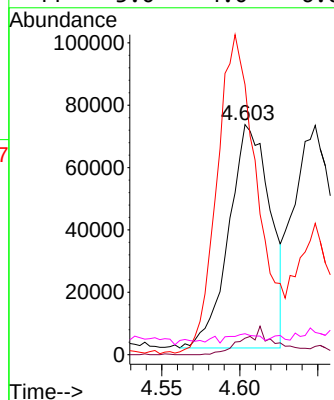
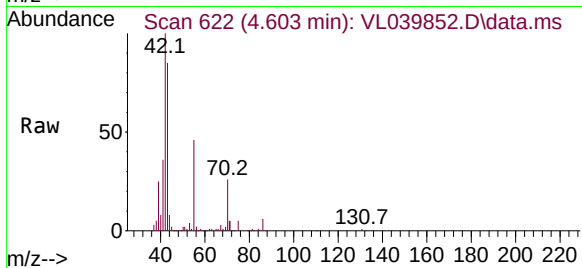




#23
 Vinyl Acetate
 Concen: 2.653 ppbv
 RT: 4.603 min Scan# 61
 Delta R.T. -0.022 min
 Lab File: VL039852.D
 Acq: 9 Nov 2022 17:35

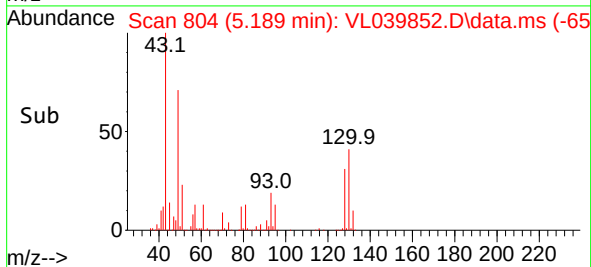
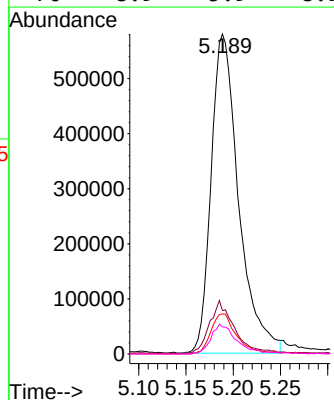
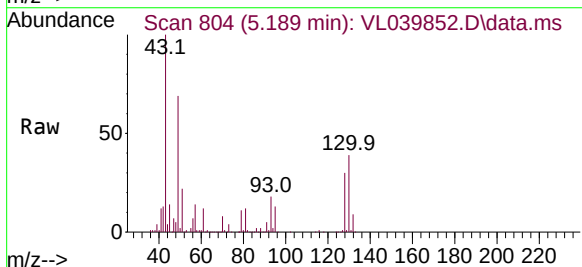
Instrument :
 MSVOA_L
 ClientSampleId :
 10596-LIVING-ROOM

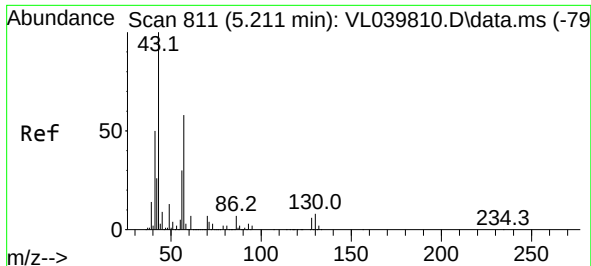
Tgt Ion: 43 Resp: 131198
 Ion Ratio Lower Upper
 43 100
 86 7.4 5.0 7.4
 42 119.6 6.8 10.2#
 44 3.0 4.0 6.0#



#25
 Ethyl Acetate
 Concen: 4.590 ppbv
 RT: 5.189 min Scan# 804
 Delta R.T. -0.016 min
 Lab File: VL039852.D
 Acq: 9 Nov 2022 17:35

Tgt Ion: 43 Resp: 1173416
 Ion Ratio Lower Upper
 43 100
 45 15.5 8.2 12.2#
 61 12.3 8.1 12.1#
 70 8.9 5.9 8.9#

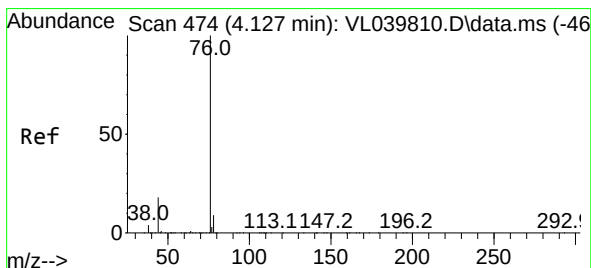
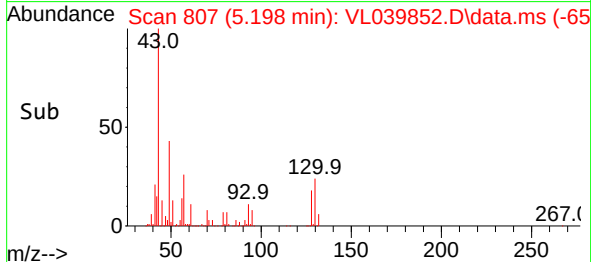
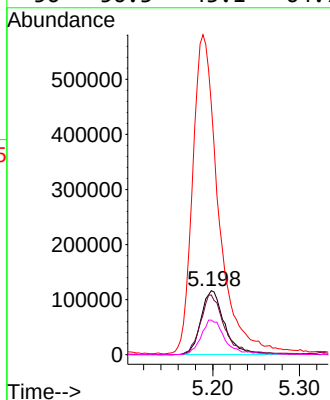
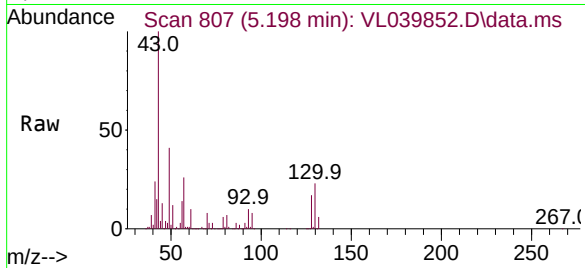




#26
Hexane
Concen: 1.927 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

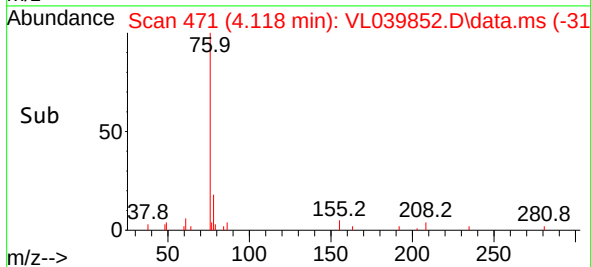
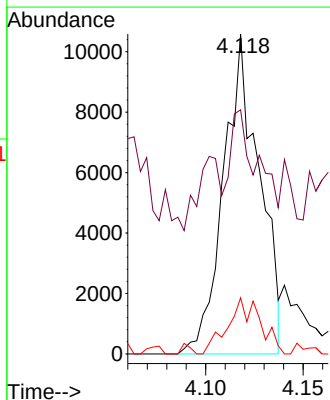
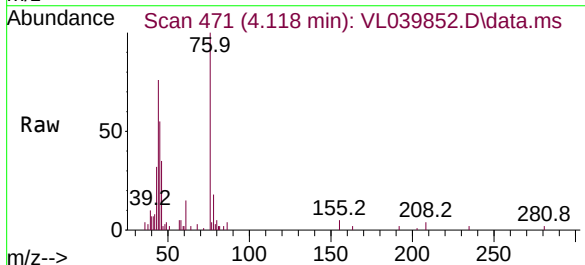
Instrument :
MSVOA_L
ClientSampleId :
10596-LIVING-ROOM

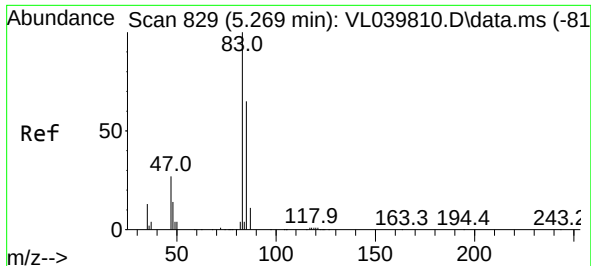
Tgt Ion: 57 Resp: 219615
Ion Ratio Lower Upper
57 100
41 97.6 73.7 110.5
43 555.8 189.8 284.8#
56 56.3 43.1 64.7



#27
Carbon Disulfide
Concen: 0.112 ppbv
RT: 4.118 min Scan# 471
Delta R.T. -0.010 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion: 76 Resp: 13456
Ion Ratio Lower Upper
76 100
44 41.6 14.6 22.0#
78 19.1 7.6 11.4#





#29

Chloroform

Concen: 0.514 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL039852.D

Acq: 9 Nov 2022 17:35

Instrument :

MSVOA_L

ClientSampleId :

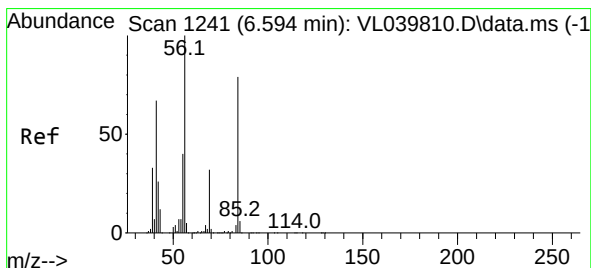
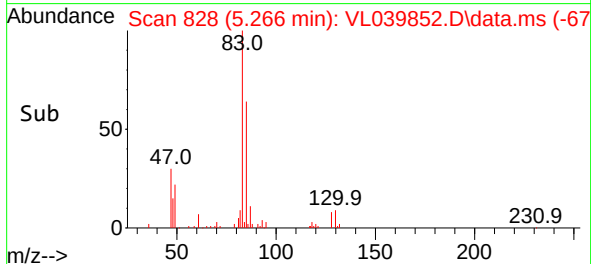
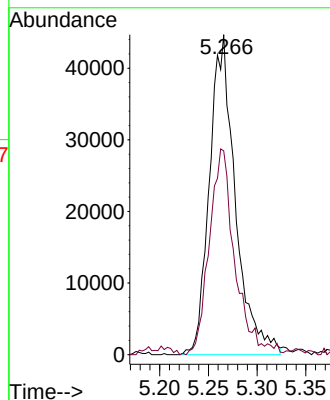
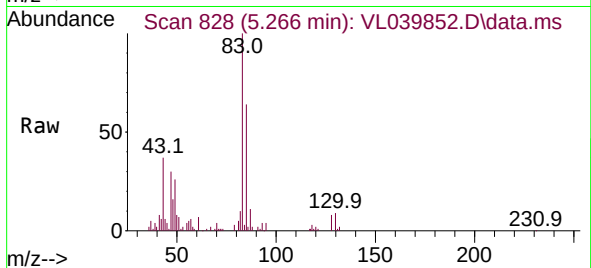
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Tgt Ion: 83 Resp: 82427

Ion Ratio Lower Upper

83 100

85 63.7 51.6 77.4



#30

Cyclohexane

Concen: 0.226 ppbv

RT: 6.574 min Scan# 1235

Delta R.T. -0.019 min

Lab File: VL039852.D

Acq: 9 Nov 2022 17:35

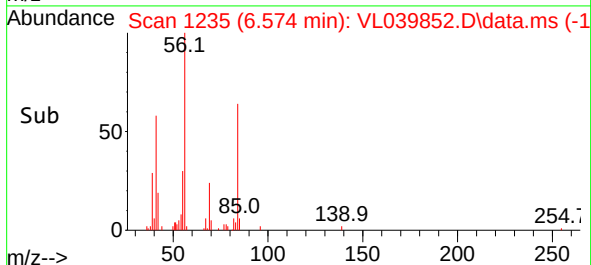
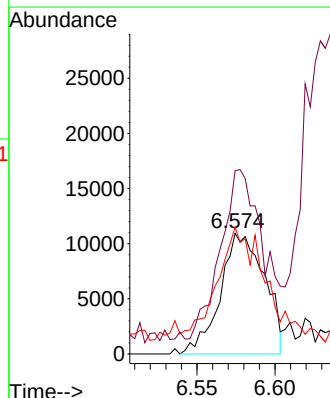
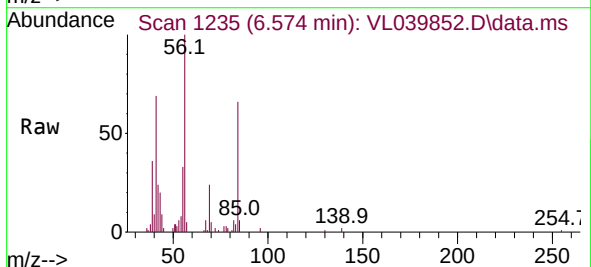
Tgt Ion: 84 Resp: 21556

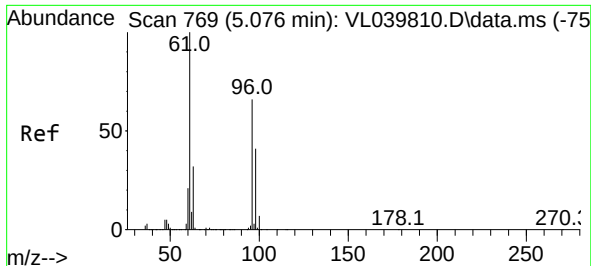
Ion Ratio Lower Upper

84 100

56 155.0 114.8 172.2

41 114.2 68.6 103.0#

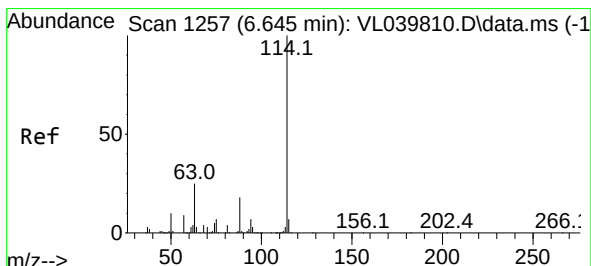
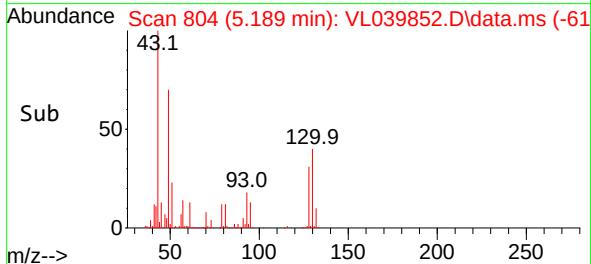
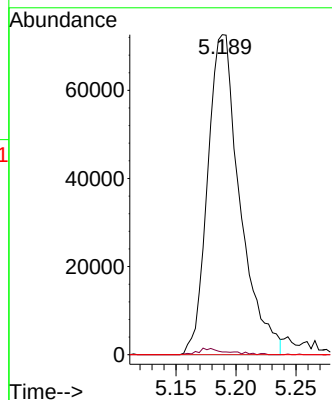
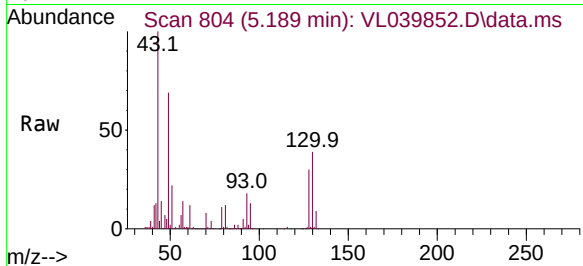




#31
 cis-1,2-Dichloroethene
 Concen: 1.310 ppbv
 RT: 5.189 min Scan# 804
 Delta R.T. 0.113 min
 Lab File: VL039852.D
 Acq: 9 Nov 2022 17:35

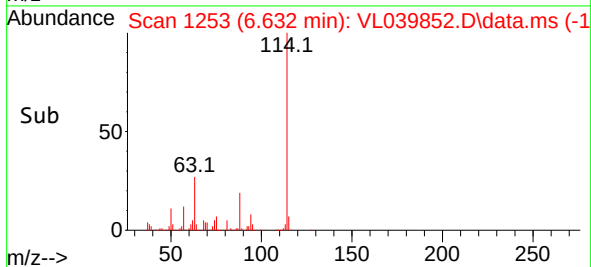
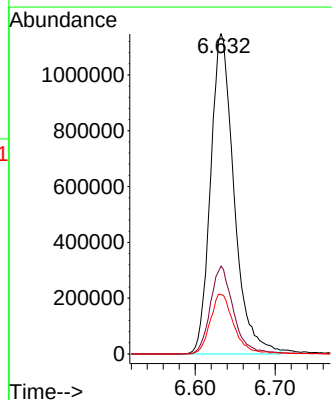
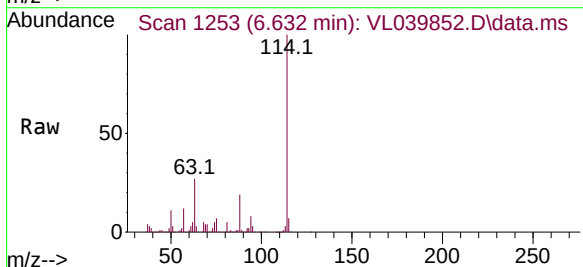
Instrument :
 MSVOA_L
 ClientSampleId :
 10596-LIVING-ROOM

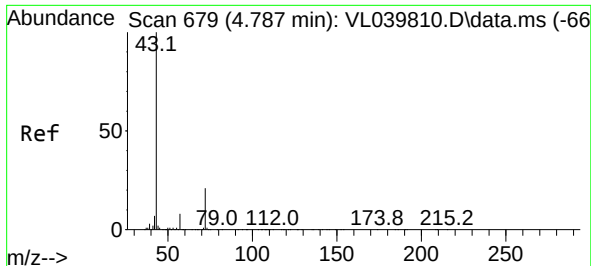
Tgt Ion: 61 Resp: 136112
 Ion Ratio Lower Upper
 61 100
 96 0.8 52.6 78.8#
 98 0.0 32.6 48.8#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.632 min Scan# 1253
 Delta R.T. -0.013 min
 Lab File: VL039852.D
 Acq: 9 Nov 2022 17:35

Tgt Ion: 114 Resp: 2342519
 Ion Ratio Lower Upper
 114 100
 63 27.2 19.8 29.6
 88 19.0 14.4 21.6

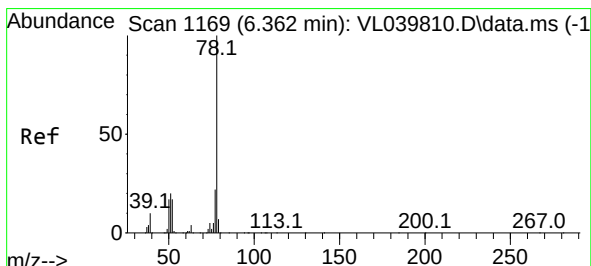
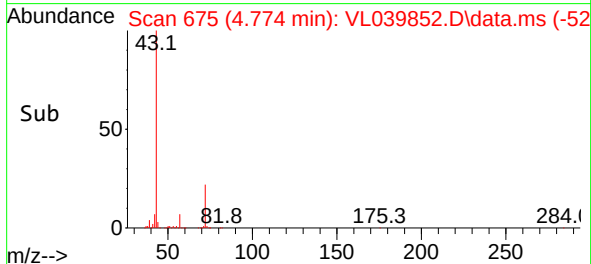
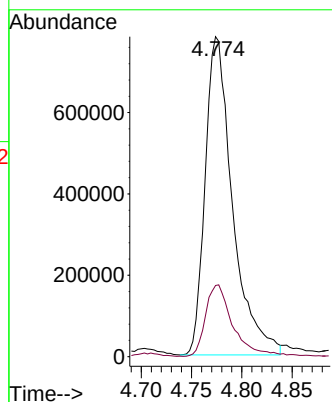
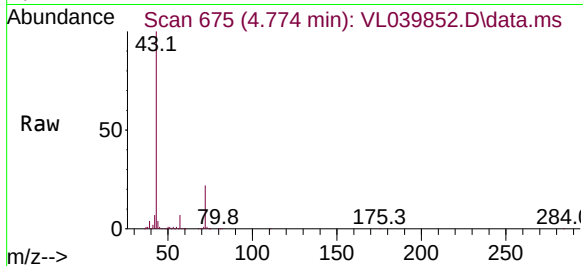




#34
2-Butanone
Concen: 15.343 ppbv
RT: 4.774 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

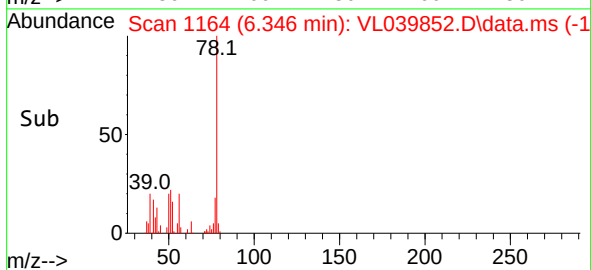
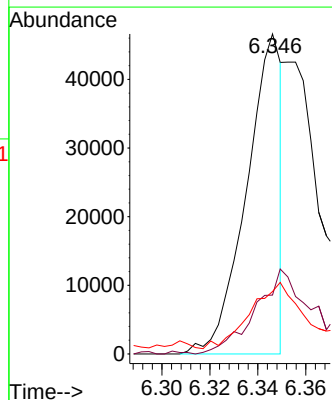
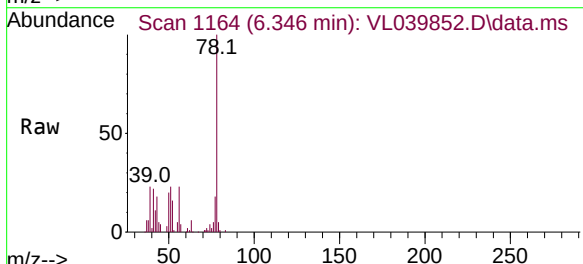
Instrument :
MSVOA_L
ClientSampleId :
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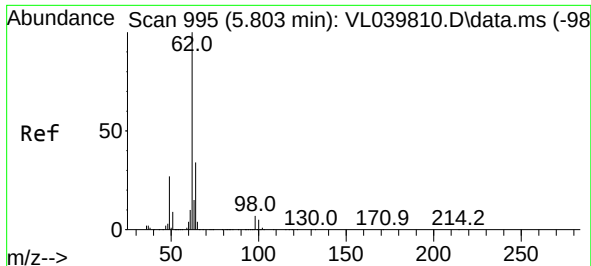
Tgt Ion: 43 Resp: 1482751
Ion Ratio Lower Upper
43 100
72 22.9 17.5 26.3



#36
Benzene
Concen: 0.239 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. -0.016 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion: 78 Resp: 47229
Ion Ratio Lower Upper
78 100
77 18.0 17.4 26.2
50 15.4 13.9 20.9





#37

1,2-Dichloroethane

Concen: 0.682 ppbv

RT: 5.790 min Scan# 995

Delta R.T. -0.013 min

Lab File: VL039852.D

Acq: 9 Nov 2022 17:35

Instrument :

MSVOA_L

ClientSampleId :

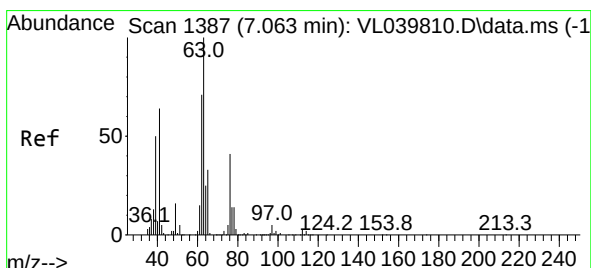
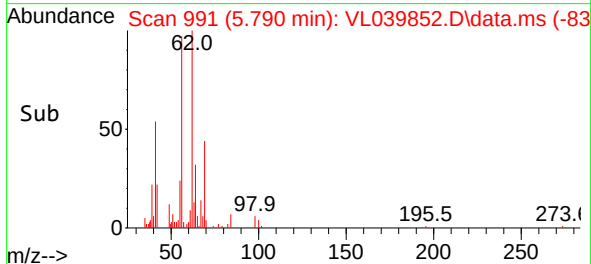
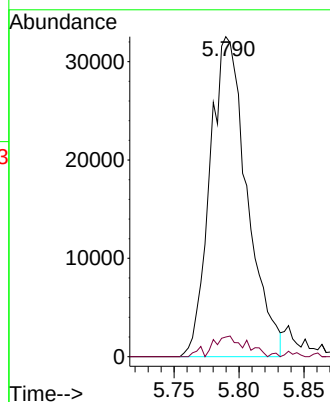
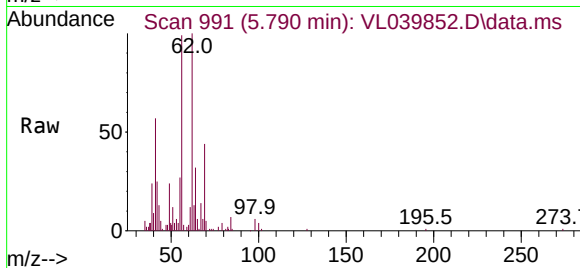
10596-LIVING-ROOM

Tgt Ion: 62 Resp: 64638

Ion Ratio Lower Upper

62 100

98 6.1 5.4 8.2



#39

1,2-Dichloropropane

Concen: 0.127 ppbv

RT: 6.680 min Scan# 1268

Delta R.T. -0.382 min

Lab File: VL039852.D

Acq: 9 Nov 2022 17:35

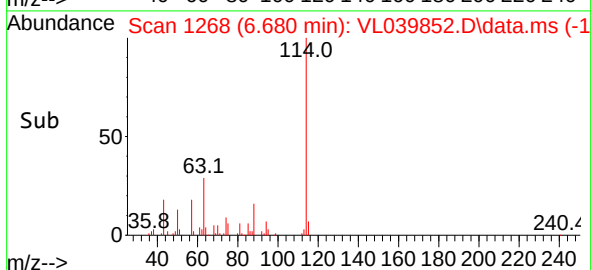
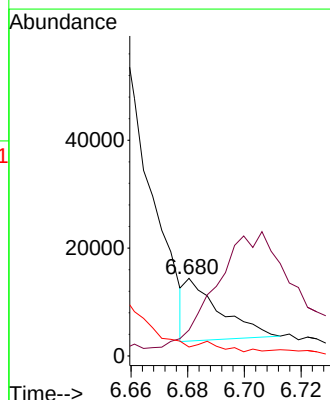
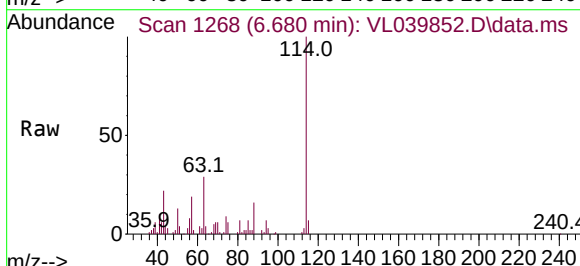
Tgt Ion: 63 Resp: 9792

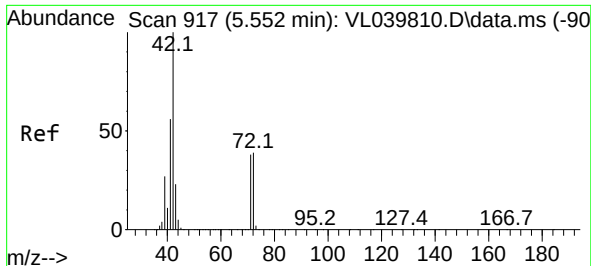
Ion Ratio Lower Upper

63 100

41 16.0 51.0 76.4#

62 5.0 56.6 85.0#

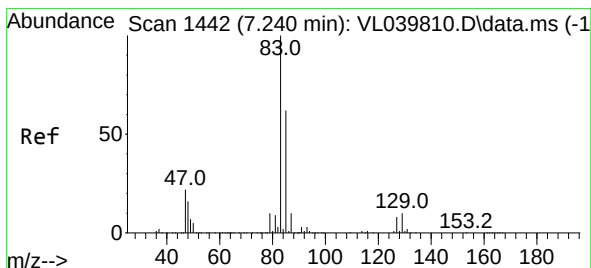
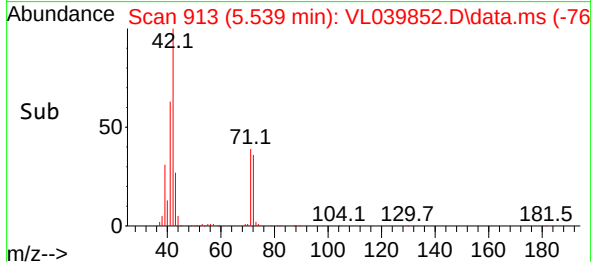
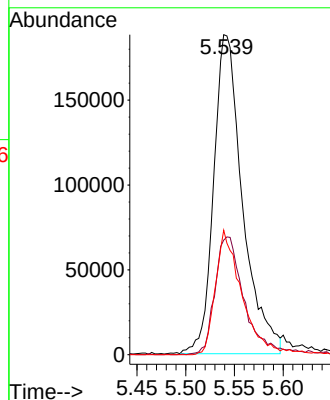
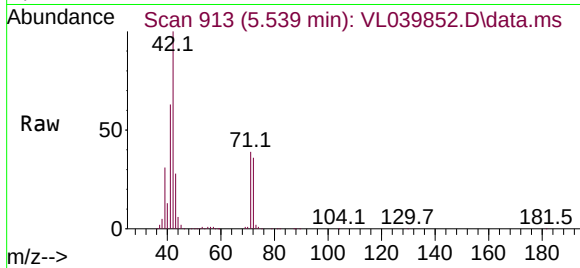




#41
Tetrahydrofuran
Concen: 4.799 ppbv
RT: 5.539 min Scan# 917
Delta R.T. -0.013 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

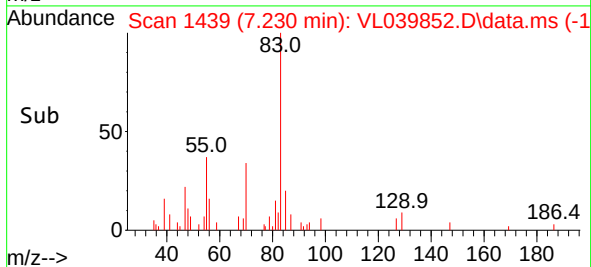
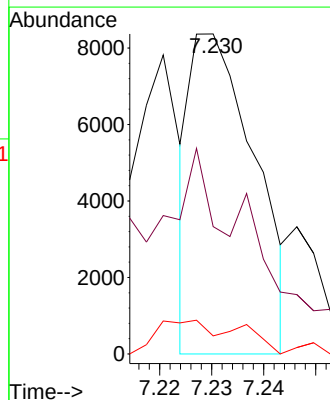
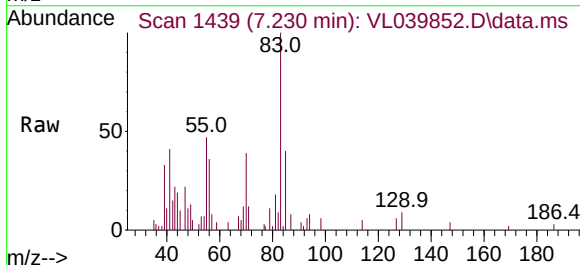
Instrument :
MSVOA_L
ClientSampleId :
10596-LIVING-ROOM

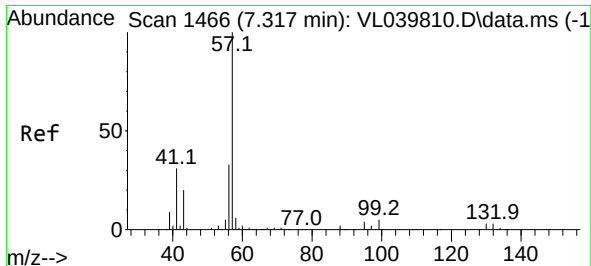
Tgt Ion: 42 Resp: 387633
Ion Ratio Lower Upper
42 100
72 38.5 31.4 47.2
71 36.6 31.5 47.3



#42
Bromodichloromethane
Concen: 0.047 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. -0.010 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion: 83 Resp: 7169
Ion Ratio Lower Upper
83 100
85 31.1 49.9 74.9#
127 8.6 6.4 9.6

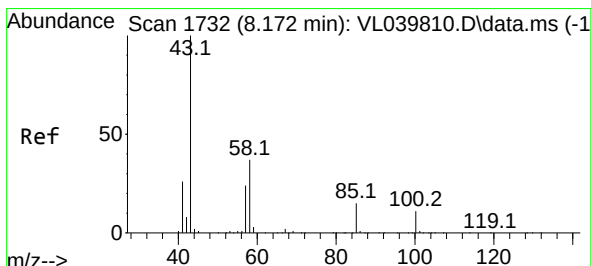
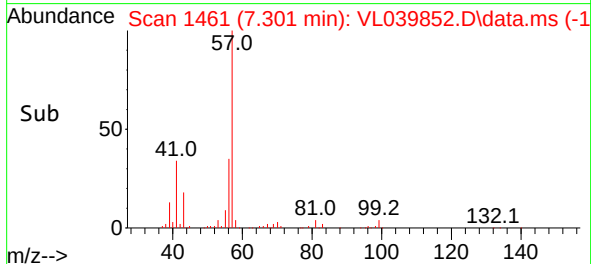
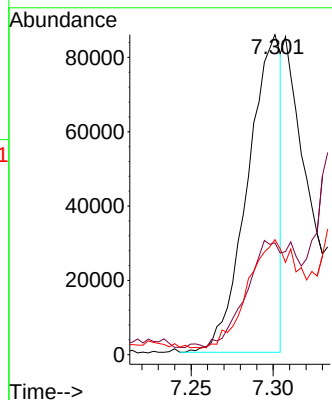
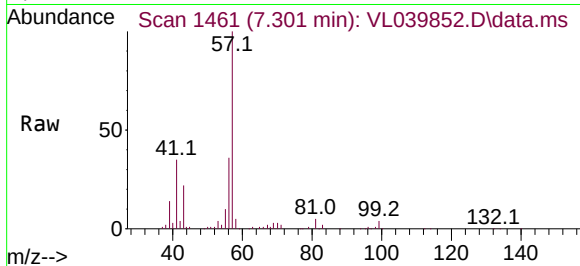




#44
2,2,4-Trimethylpentane
Concen: 0.359 ppbv
RT: 7.301 min Scan# 14
Delta R.T. -0.016 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

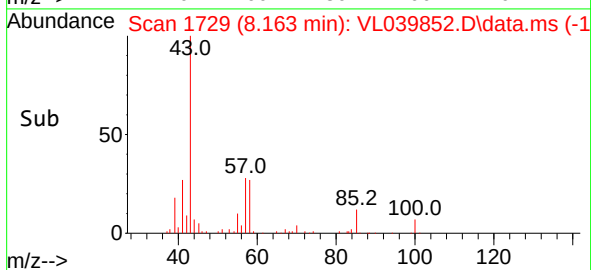
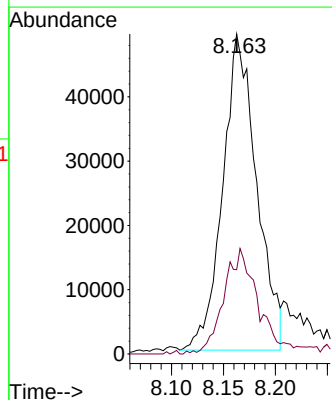
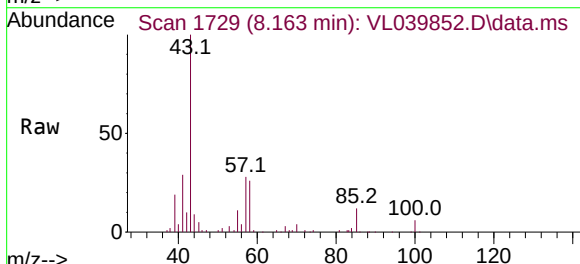
Instrument :
MSVOA_1
ClientSampleId :
10596-LIVING-ROOM

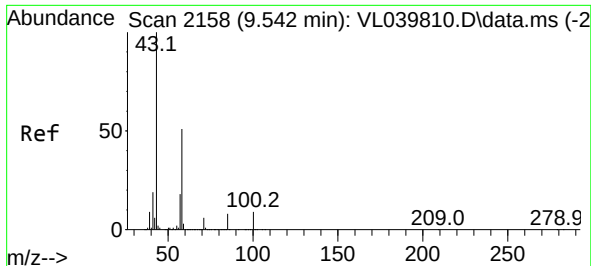
Tgt Ion: 57 Resp: 119816
Ion Ratio Lower Upper
57 100
41 0.0 24.6 36.8#
56 49.3 25.4 38.0#



#50
4-Methyl-2-Pentanone
Concen: 0.565 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. -0.009 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion: 43 Resp: 111718
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.6

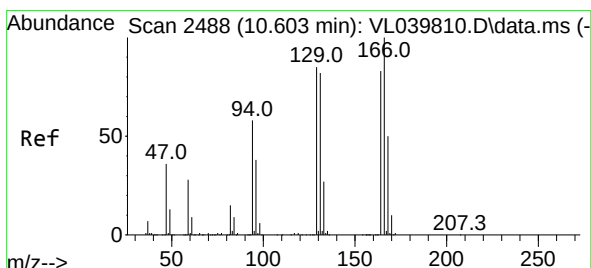
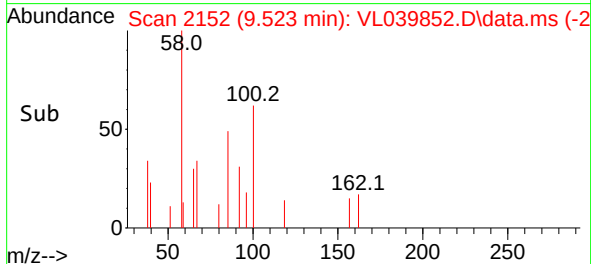
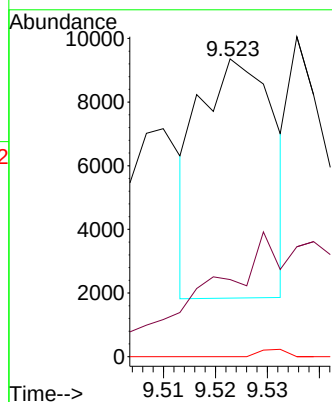
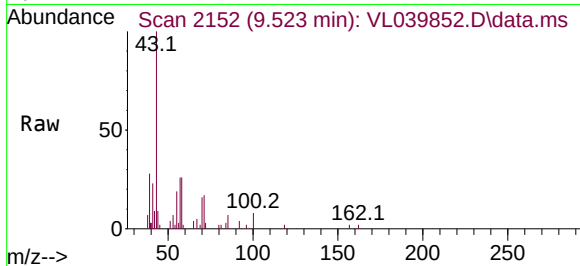




#51
2-Hexanone
Concen: 0.049 ppbv
RT: 9.523 min Scan# 2158
Delta R.T. -0.019 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

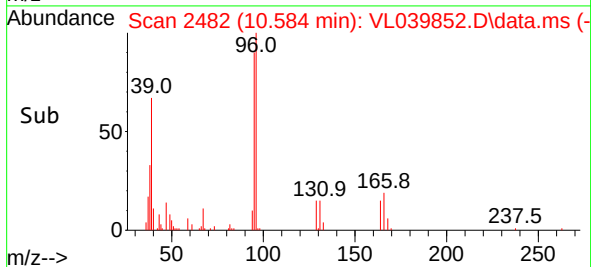
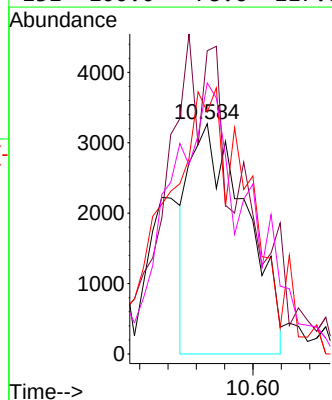
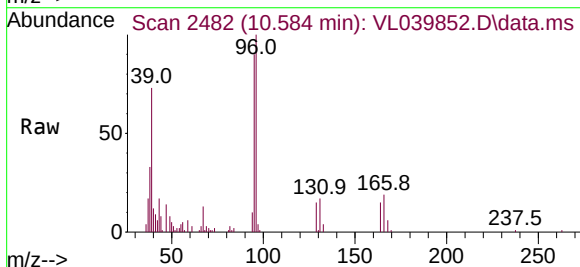
Instrument :
MSVOA_L
ClientSampleId :
10596-LIVING-ROOM

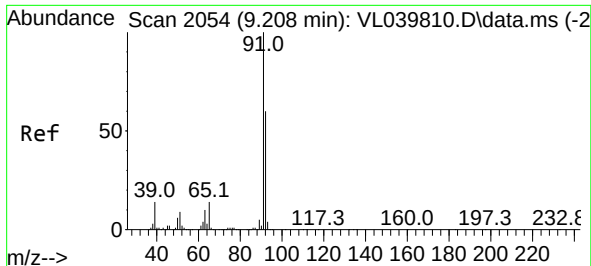
Tgt Ion: 43 Resp: 7486
Ion Ratio Lower Upper
43 100
58 0.0 40.5 60.7#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.061 ppbv
RT: 10.584 min Scan# 2482
Delta R.T. -0.019 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion:164 Resp: 4539
Ion Ratio Lower Upper
164 100
166 84.7 96.0 144.0#
129 106.1 81.4 122.2
131 100.0 78.6 117.8

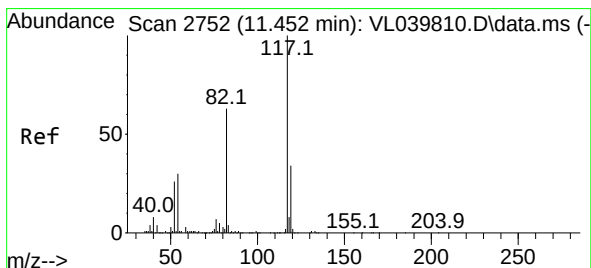
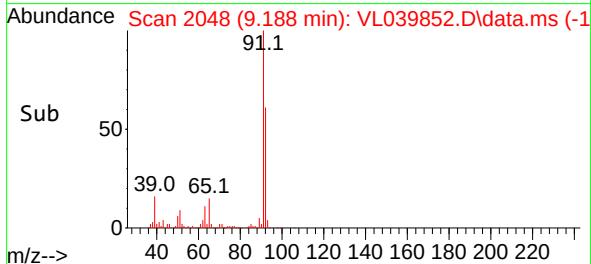
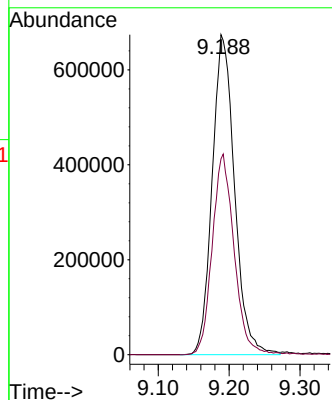
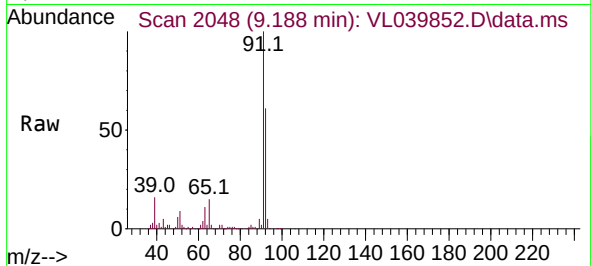




#53
Toluene
Concen: 6.508 ppbv
RT: 9.188 min Scan# 2054
Delta R.T. -0.019 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

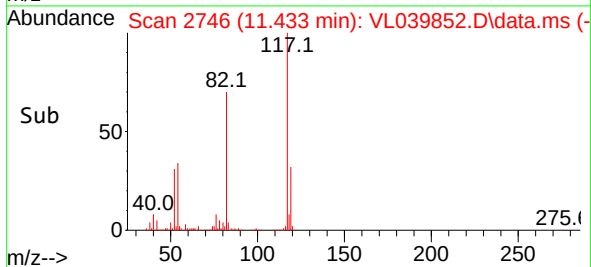
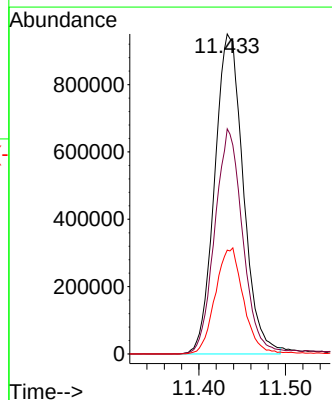
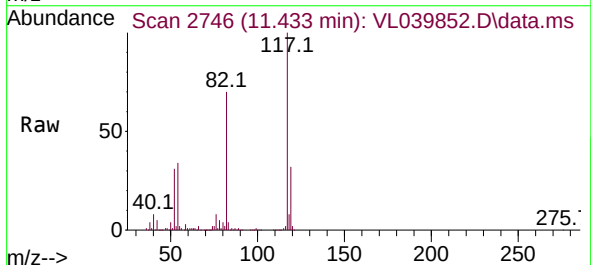
Instrument :
MSVOA_L
ClientSampleId :
10596-LIVING-ROOM

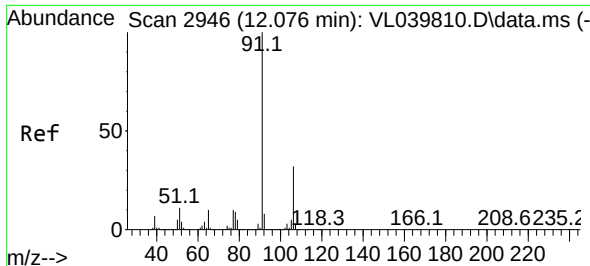
Tgt Ion: 91 Resp: 1475351
Ion Ratio Lower Upper
91 100
92 61.6 49.6 74.4



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 2746
Delta R.T. -0.019 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion: 117 Resp: 2178369
Ion Ratio Lower Upper
117 100
82 70.8 51.0 76.6
119 33.2 24.7 37.1

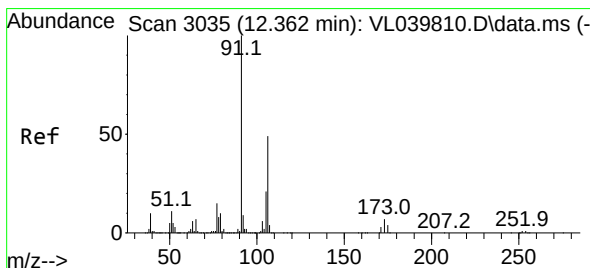
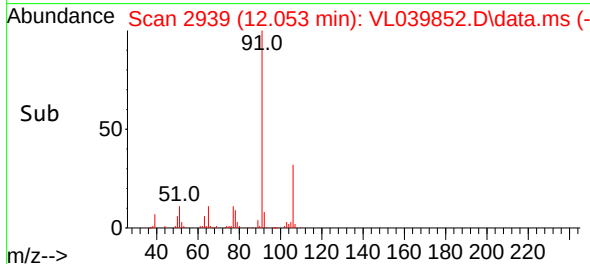
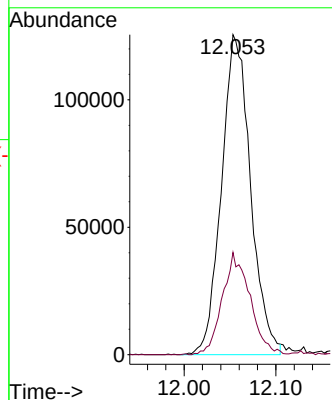
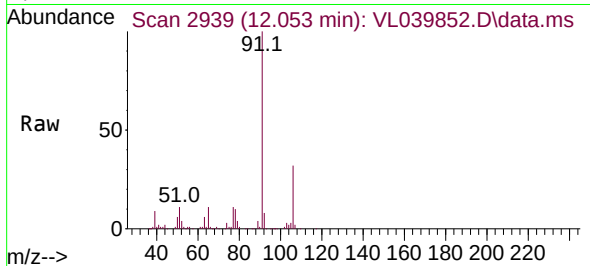




#58
Ethyl Benzene
Concen: 0.938 ppbv
RT: 12.053 min Scan# 2946
Delta R.T. -0.022 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

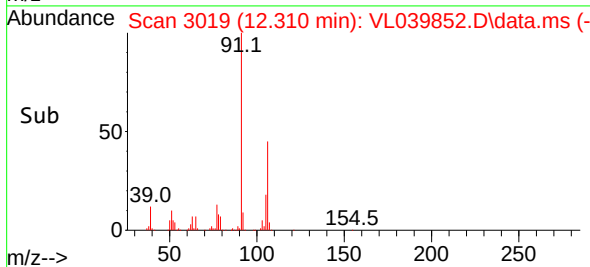
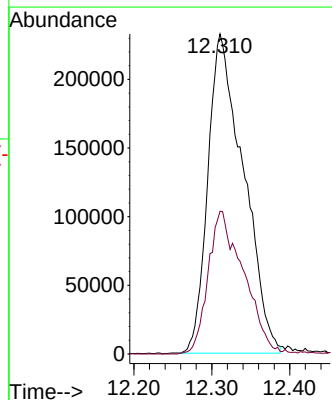
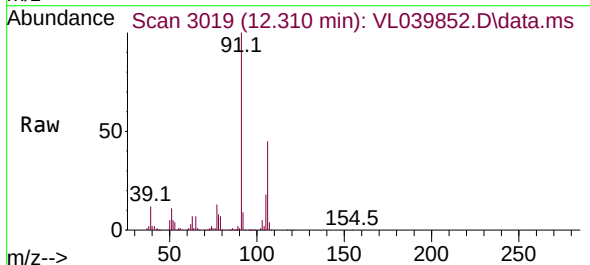
Instrument :
MSVOA_L
ClientSampleId :
10596-LIVING-ROOM

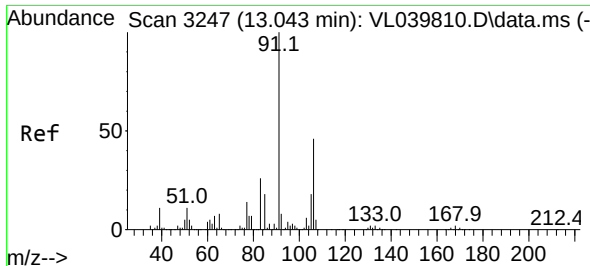
Tgt Ion: 91 Resp: 276378
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9



#59
m/p-Xylene
Concen: 2.993 ppbv
RT: 12.310 min Scan# 3019
Delta R.T. -0.051 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion: 91 Resp: 735791
Ion Ratio Lower Upper
91 100
106 44.8 37.6 56.4

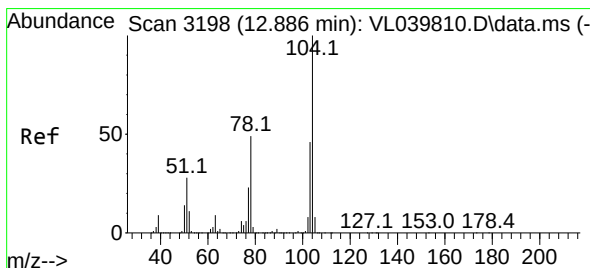
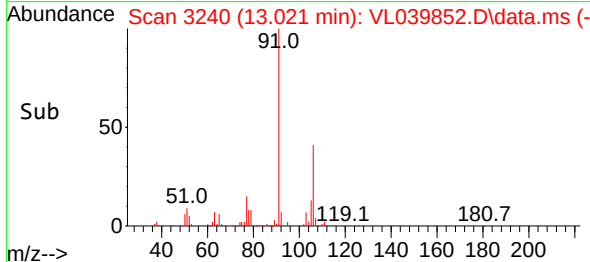
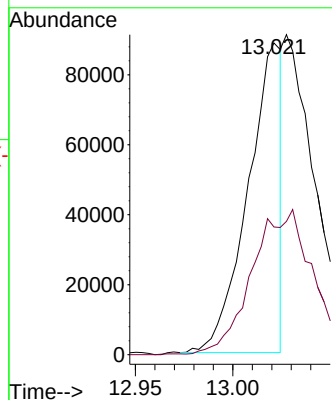
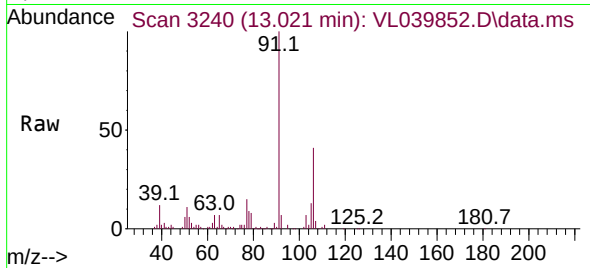




#60
o-Xylene
Concen: 0.455 ppbv
RT: 13.021 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

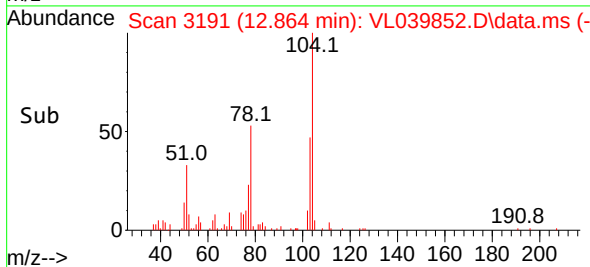
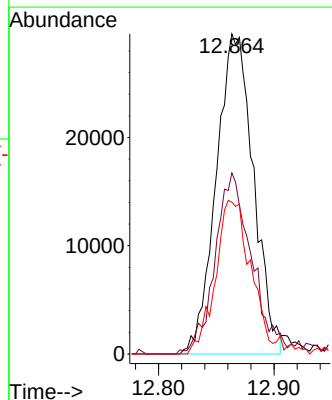
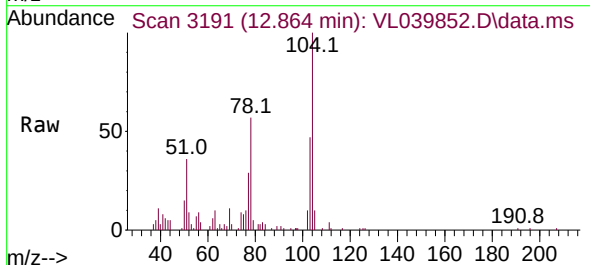
Instrument :
MSVOA_L
ClientSampleId :
10596-LIVING-ROOM

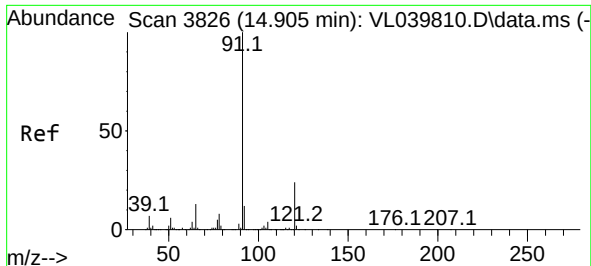
Tgt Ion: 91 Resp: 105967
Ion Ratio Lower Upper
91 100
106 0.0 23.6 70.8#



#61
Styrene
Concen: 0.462 ppbv
RT: 12.864 min Scan# 3191
Delta R.T. -0.022 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion: 104 Resp: 66265
Ion Ratio Lower Upper
104 100
78 58.2 40.2 60.2
103 48.1 37.5 56.3

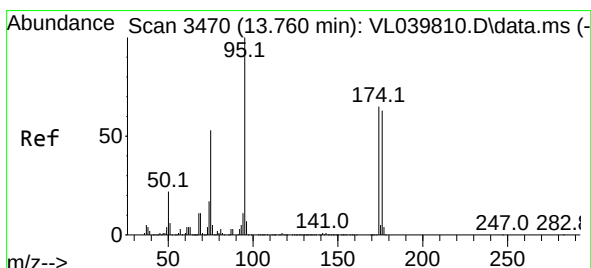
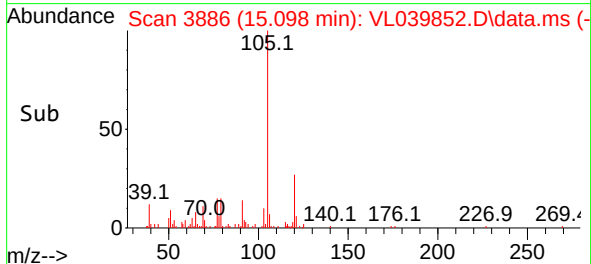
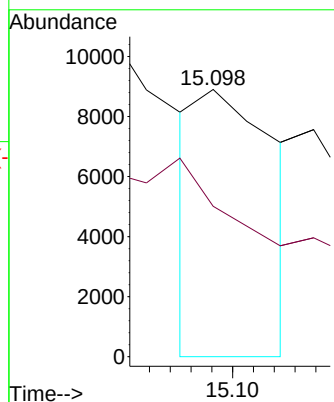
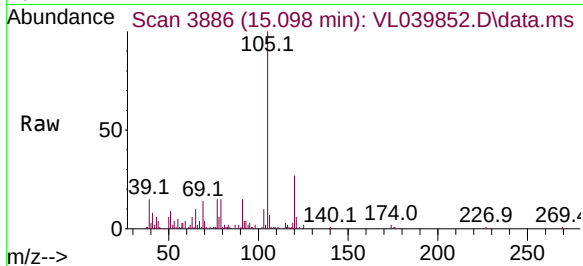




#64
n-propylbenzene
Concen: 0.051 ppbv
RT: 15.098 min Scan# 3886
Delta R.T. 0.193 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

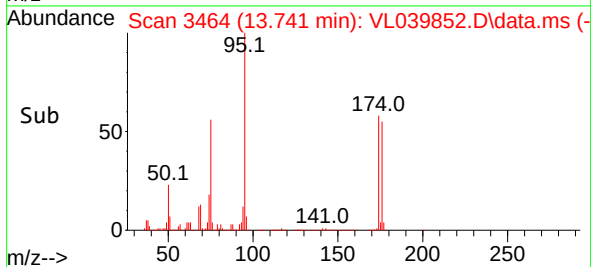
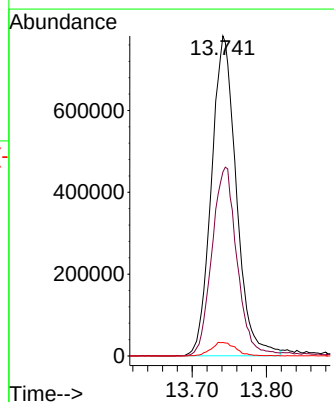
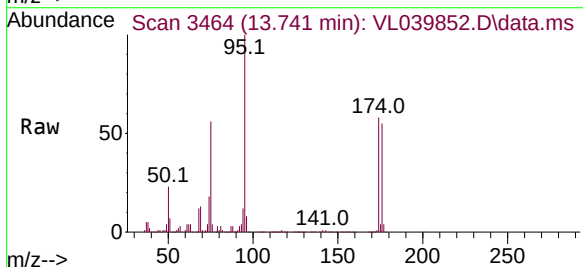
Instrument :
MSVOA_1
ClientSampleId :
10596-LIVING-ROOM

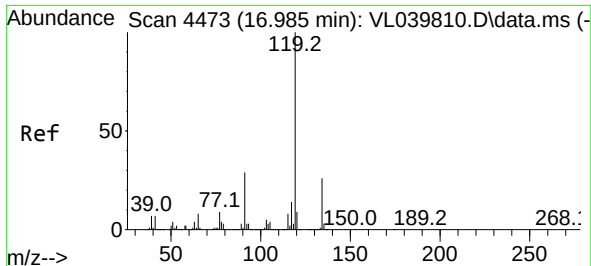
Tgt Ion:120 Resp: 4600
Ion Ratio Lower Upper
120 100
91 372.7 354.9 532.3



#68
1-Bromo-4-Fluorobenzene
Concen: 11.165 ppbv
RT: 13.741 min Scan# 3464
Delta R.T. -0.019 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion: 95 Resp: 1820419
Ion Ratio Lower Upper
95 100
174 61.0 53.4 80.0
175 4.3 4.1 6.1

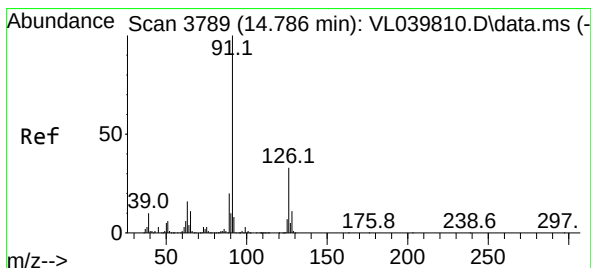
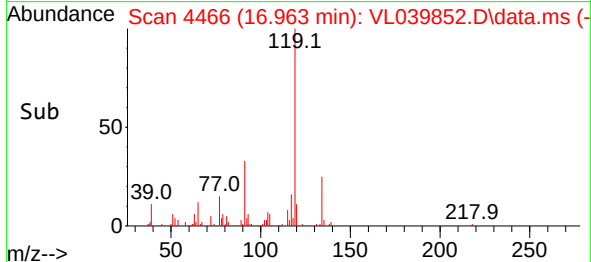
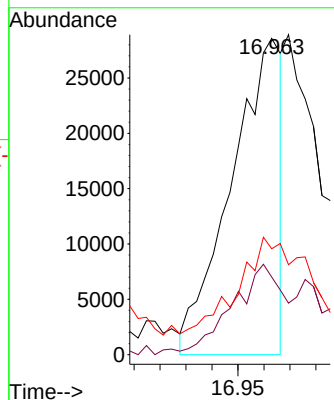
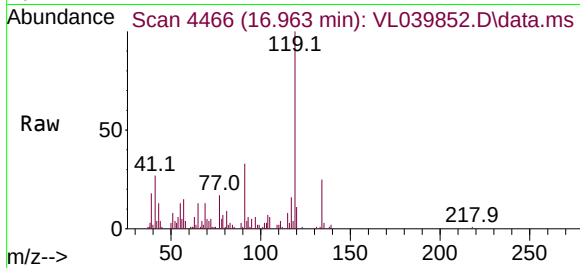




#69
p-Isopropyltoluene
Concen: 0.114 ppbv
RT: 16.963 min Scan# 4473
Delta R.T. -0.022 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

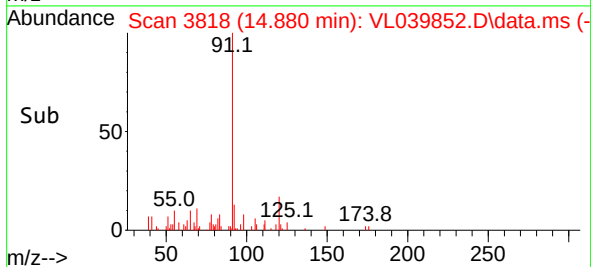
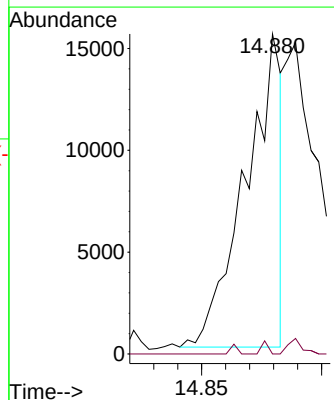
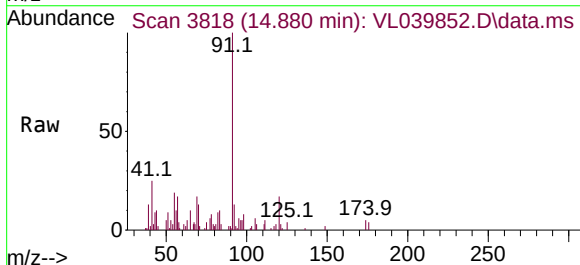
Instrument :
MSVOA_L
ClientSampleId :
10596-LIVING-ROOM

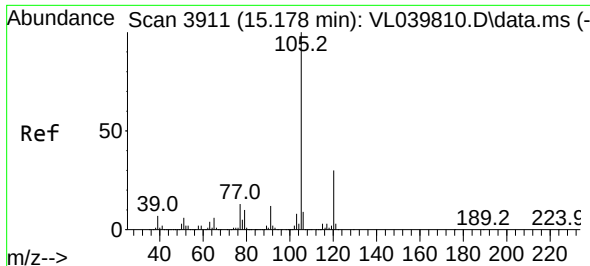
Tgt Ion:119 Resp: 38378
Ion Ratio Lower Upper
119 100
134 49.2 21.0 31.6#
91 64.1 22.8 34.2#



#71
2-Chlorotoluene
Concen: 0.063 ppbv
RT: 14.880 min Scan# 3818
Delta R.T. 0.093 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion: 91 Resp: 15988
Ion Ratio Lower Upper
91 100
126 0.0 12.9 51.5#

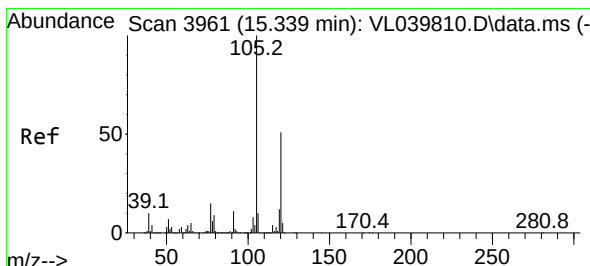
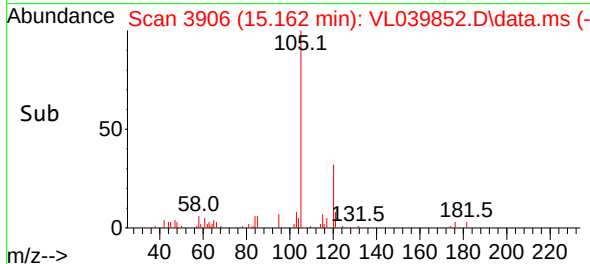
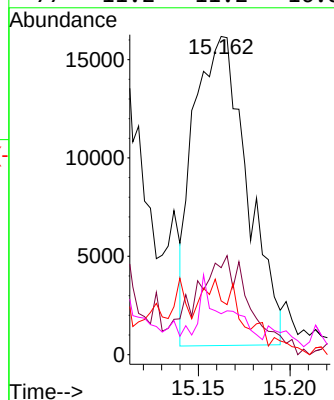
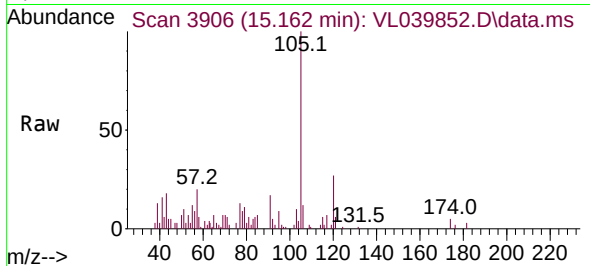




#72
4-Ethyltoluene
Concen: 0.122 ppbv
RT: 15.162 min Scan# 3906
Delta R.T. -0.016 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

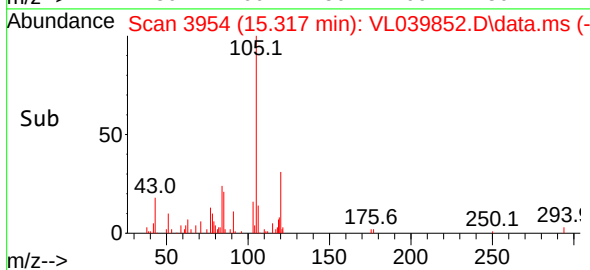
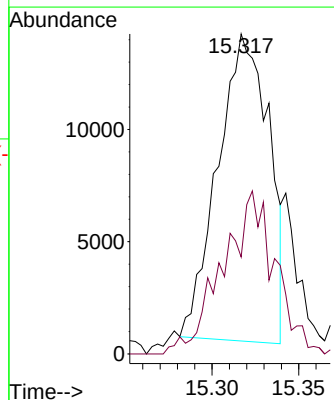
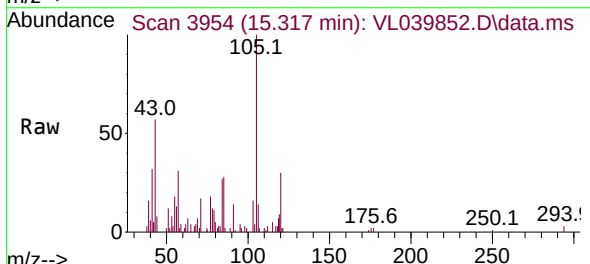
Instrument :
MSVOA_L
ClientSampleId :
10596-LIVING-ROOM

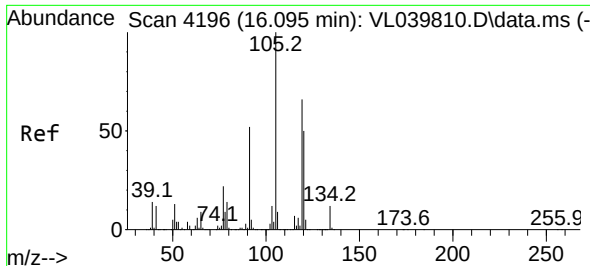
Tgt Ion:	105	Resp:	31873
Ion	Ratio	Lower	Upper
105	100		
120	33.0	26.0	39.0
91	18.6	10.5	15.7#
77	11.2	11.2	16.8



#73
1,3,5-Trimethylbenzene
Concen: 0.121 ppbv
RT: 15.317 min Scan# 3954
Delta R.T. -0.022 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion:	105	Resp:	28032
Ion	Ratio	Lower	Upper
105	100		
120	28.3	41.0	61.4#

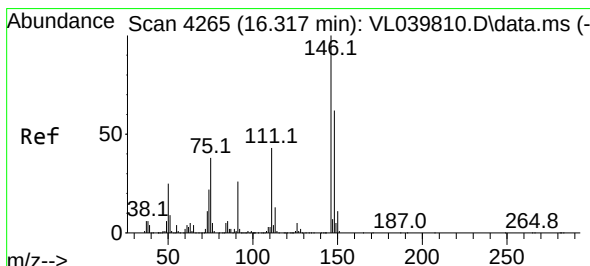
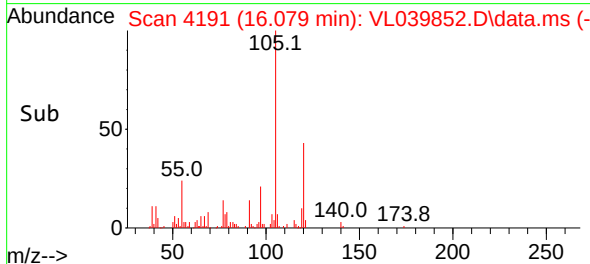
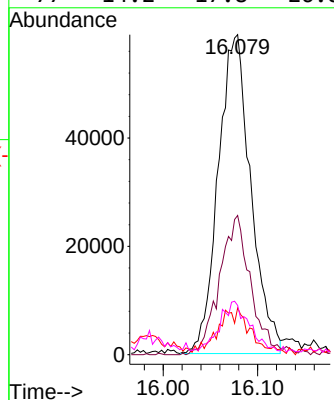
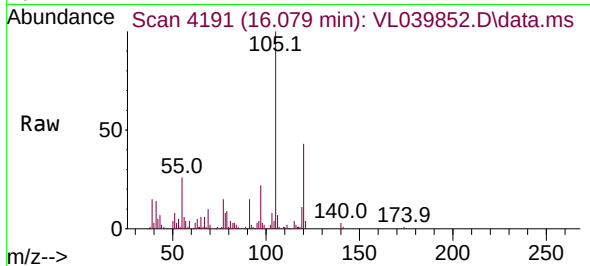




#74
1,2,4-Trimethylbenzene
Concen: 0.570 ppbv
RT: 16.079 min Scan# 4196
Delta R.T. -0.016 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

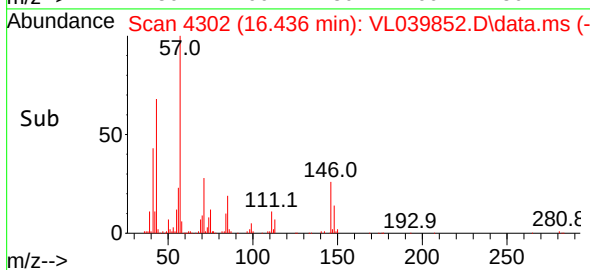
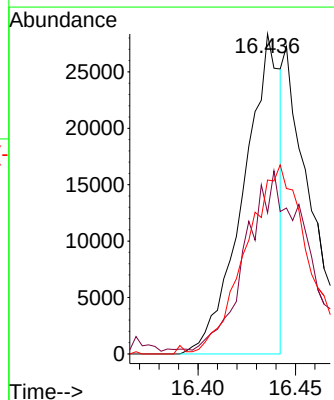
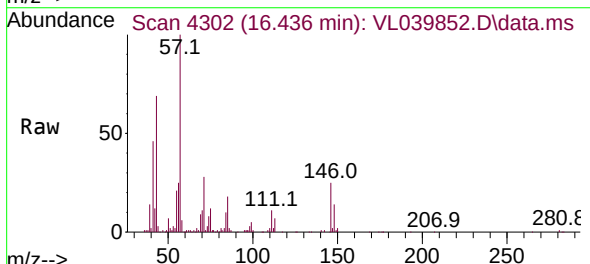
Instrument :
MSVOA_L
ClientSampleId :
10596-LIVING-ROOM

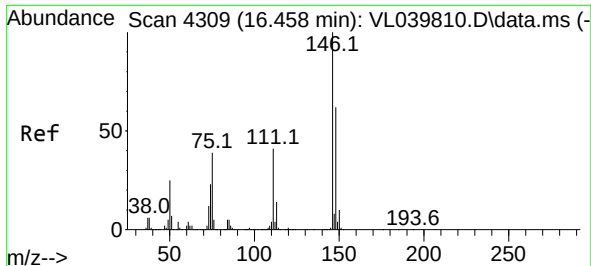
Tgt Ion:	105	Resp:	140746
Ion	Ratio	Lower	Upper
105	100		
120	43.7	40.2	60.4
91	12.9	42.6	64.0#
77	14.2	17.8	26.8#



#75
1,3-Dichlorobenzene
Concen: 0.257 ppbv
RT: 16.436 min Scan# 4302
Delta R.T. 0.119 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion:	146	Resp:	37022
Ion	Ratio	Lower	Upper
146	100		
111	7.9	22.9	68.8#
148	0.0	32.3	96.9#

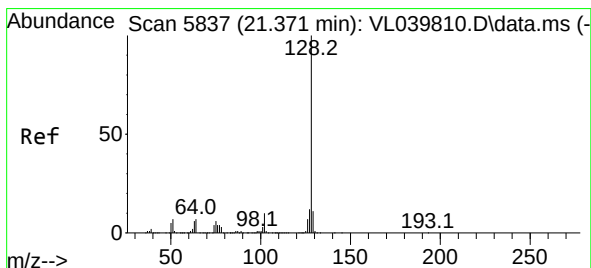
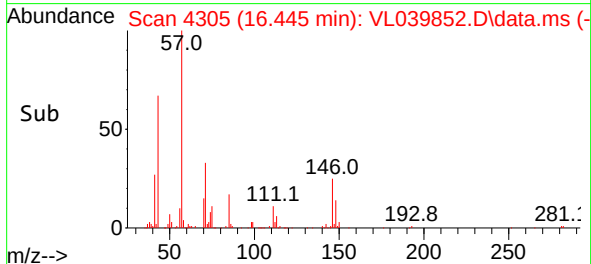
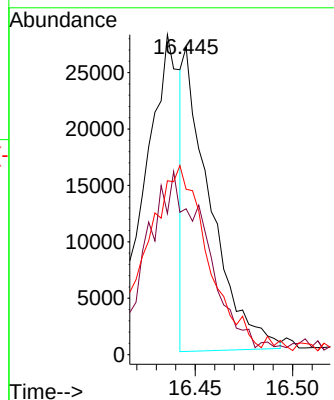
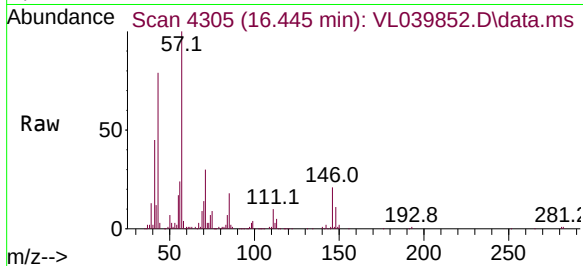




#76
1,4-Dichlorobenzene
Concen: 0.183 ppbv
RT: 16.445 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

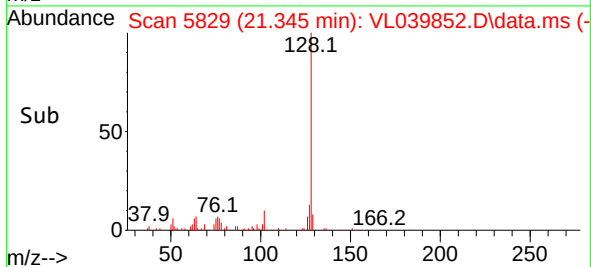
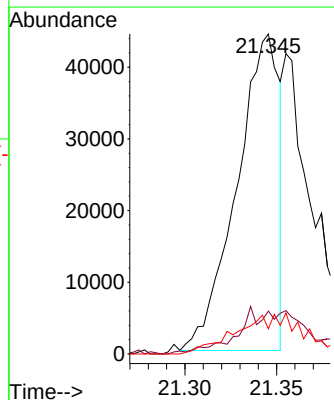
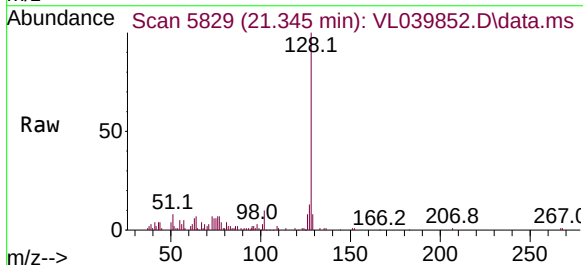
Instrument :
MSVOA_L
ClientSampleId :
10596-LIVING-ROOM

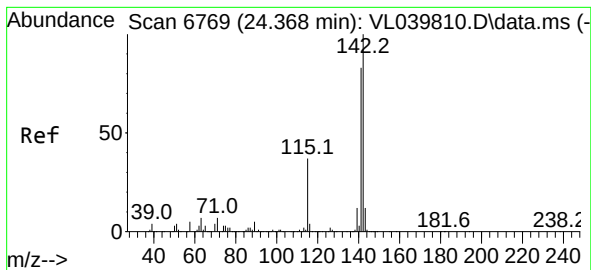
Tgt Ion:146 Resp: 25845
Ion Ratio Lower Upper
146 100
111 139.0 22.7 68.1#
148 149.3 33.1 99.3#



#79
Naphthalene
Concen: 0.396 ppbv
RT: 21.345 min Scan# 5829
Delta R.T. -0.026 min
Lab File: VL039852.D
Acq: 9 Nov 2022 17:35

Tgt Ion:128 Resp: 71044
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.6
129 7.9 8.6 13.0#





#80

Naphthalene, 2-methyl-

Concen: 0.128 ppbv

RT: 24.342 min Scan# 61

Delta R.T. -0.026 min

Lab File: VL039852.D

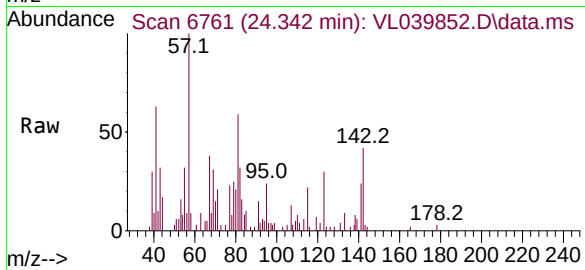
Acq: 9 Nov 2022 17:35

Instrument :

MSVOA_L

ClientSampleId :

10596-LIVING-ROOM



Tgt Ion:142 Resp: 9744

Ion Ratio Lower Upper

142 100

141 82.7 65.1 97.7

115 55.2 29.1 43.7#

