

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036470.D
 Acq On : 07 Jul 2023 19:25
 Operator : JC/MD
 Sample : 03563-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HOUSE-BASEMENT

Quant Time: Jul 07 23:09:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

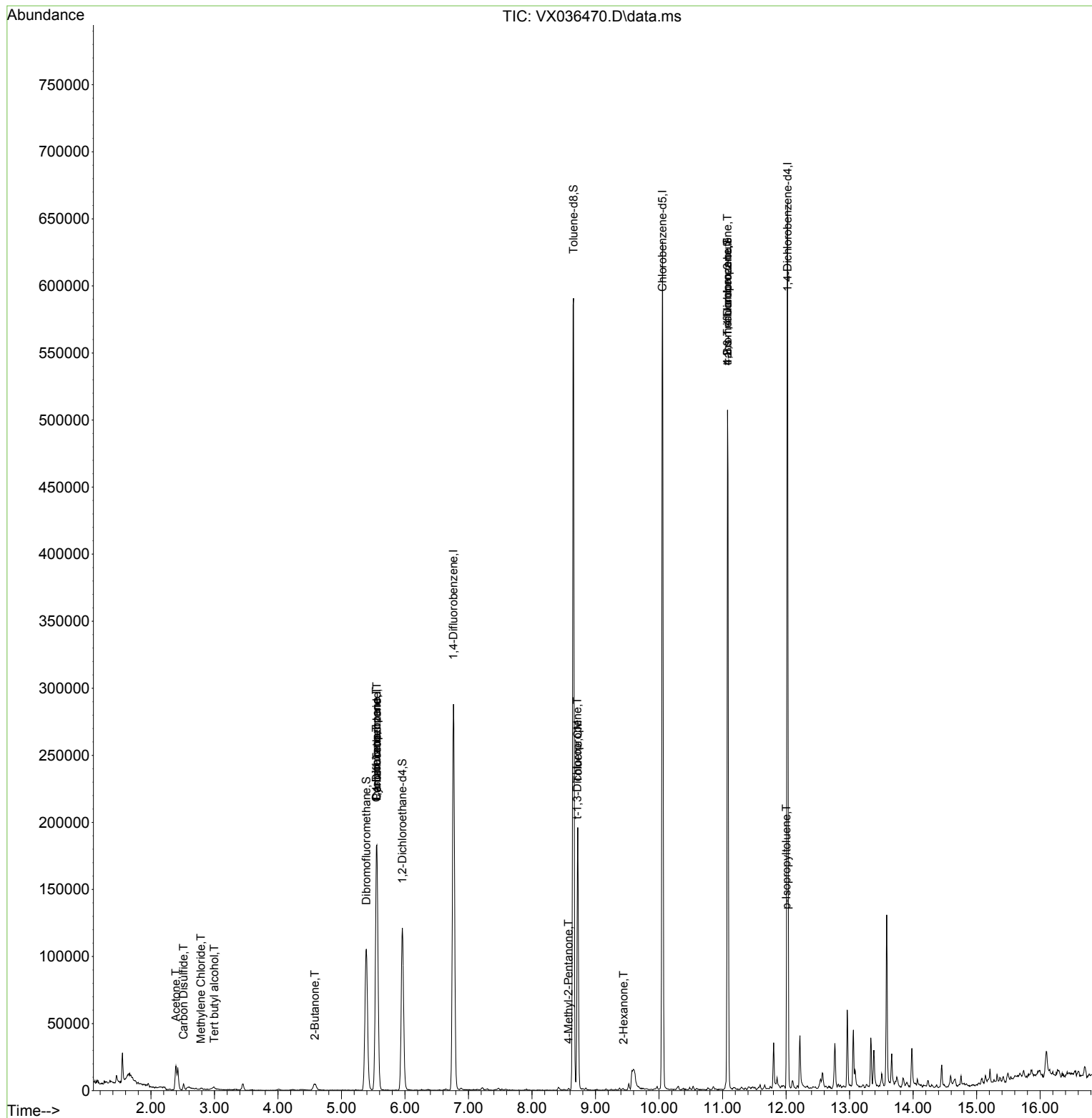
Internal Standards						
1) Pentafluorobenzene	5.556	168	172473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	294182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113639	45.965	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.940%
35) Dibromofluoromethane	5.391	113	91979	47.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	8.653	98	360461	49.753	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.500%
62) 4-Bromofluorobenzene	11.079	95	132951	52.098	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	3182	7.071	ug/l #	89
16) Acetone	2.392	43	21557	20.400	ug/l #	87
17) Carbon Disulfide	2.514	76	5322	1.106	ug/l #	85
20) Methylene Chloride	2.788	84	470	0.207	ug/l	93
25) 2-Butanone	4.580	43	2832	1.865	ug/l	92
31) Cyclohexane	5.550	56	3818	1.205	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	14259	4.931	ug/l #	51
38) Carbon Tetrachloride	5.556	117	17031	6.449	ug/l #	14
51) 4-Methyl-2-Pentanone	8.574	43	924	0.305	ug/l	88
52) Toluene	8.720	92	70554	13.783	ug/l	93
53) t-1,3-Dichloropropene	8.714	75	930	0.329	ug/l #	1
59) 2-Hexanone	9.439	43	569	0.257	ug/l	77
76) 1,2,3-Trichloropropane	11.079	75	68740	24.063	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	68740	78.438	ug/l #	5
86) p-Isopropyltoluene	12.006	119	3760	0.432	ug/l #	74

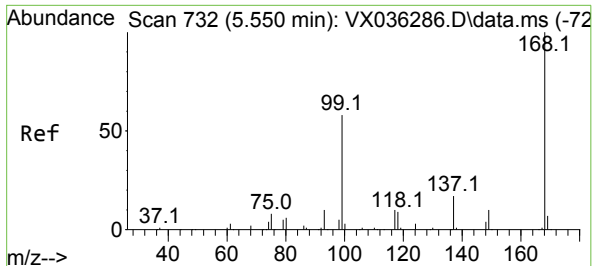
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 23:09:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

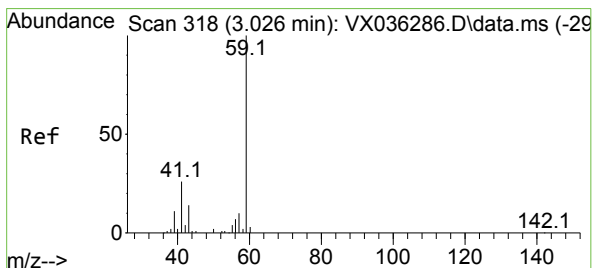
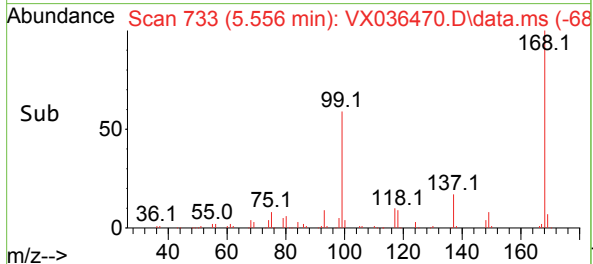
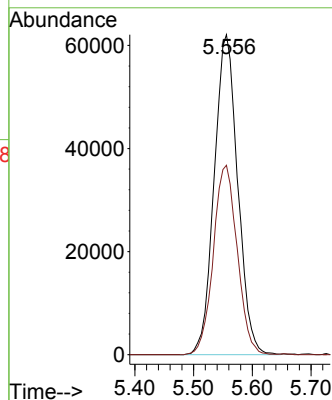
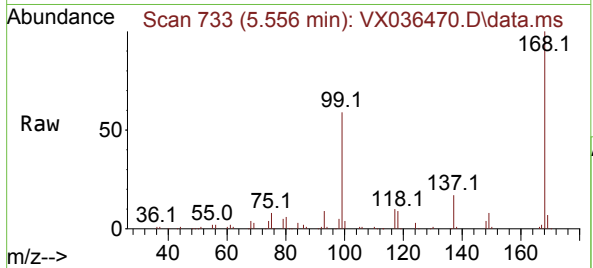




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036470.D
Acq: 07 Jul 2023 19:25

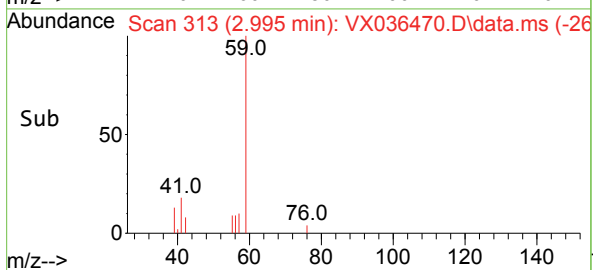
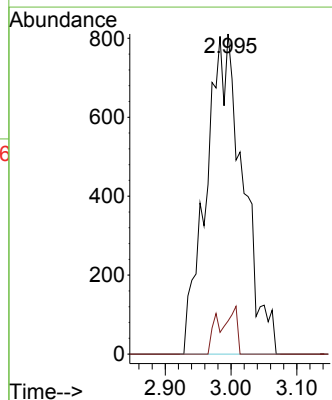
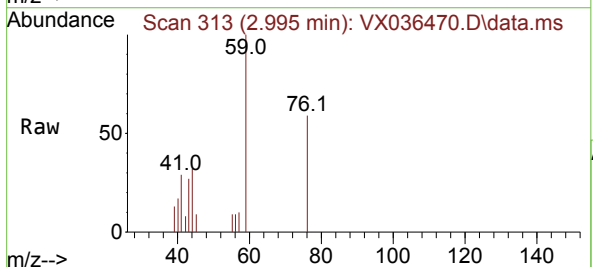
Instrument :
MSVOA_X
ClientSampleId :
HOUSE-BASEMENT

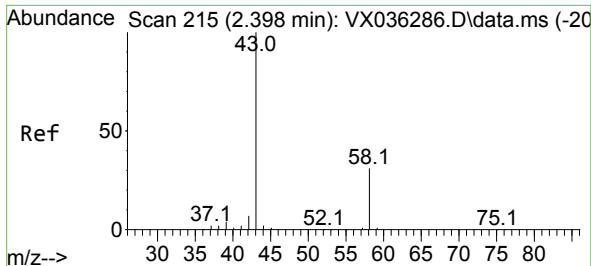
Tgt Ion:168 Resp: 172473
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 7.071 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.018 min
Lab File: VX036470.D
Acq: 07 Jul 2023 19:25

Tgt Ion: 59 Resp: 3182
Ion Ratio Lower Upper
59 100
57 3.5 6.0 9.0#





#16

Acetone

Concen: 20.400 ug/l

RT: 2.392 min Scan# 215

Delta R.T. -0.012 min

Lab File: VX036470.D

Acq: 07 Jul 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

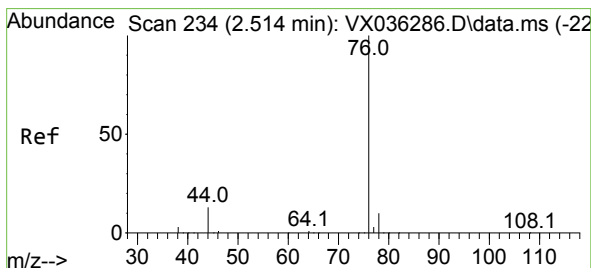
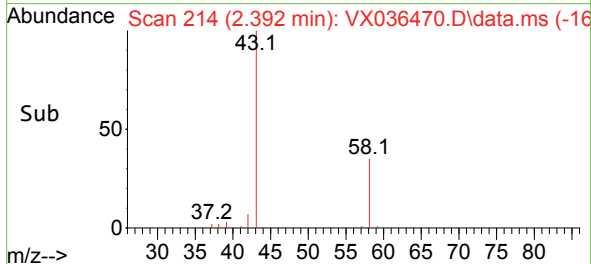
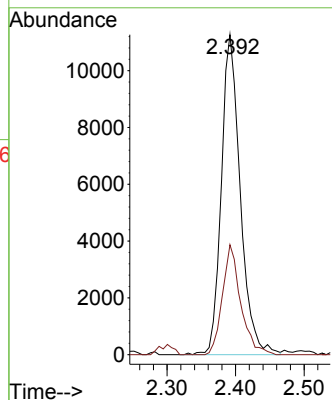
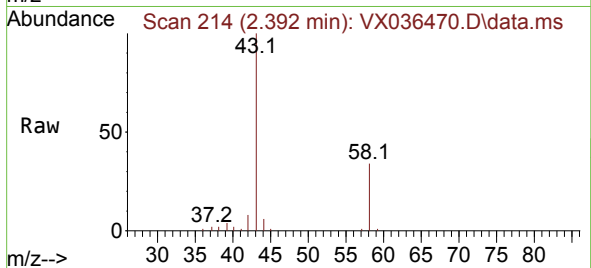
HOUSE-BASEMENT

Tgt Ion: 43 Resp: 21557

Ion Ratio Lower Upper

43 100

58 34.4 21.9 32.9#



#17

Carbon Disulfide

Concen: 1.106 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.001 min

Lab File: VX036470.D

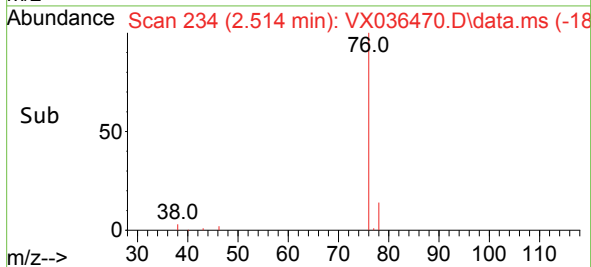
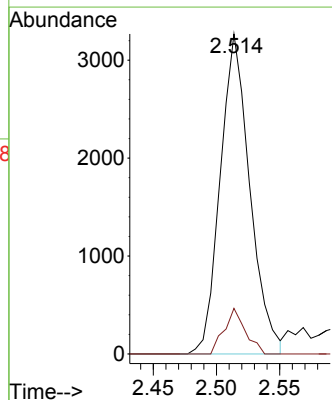
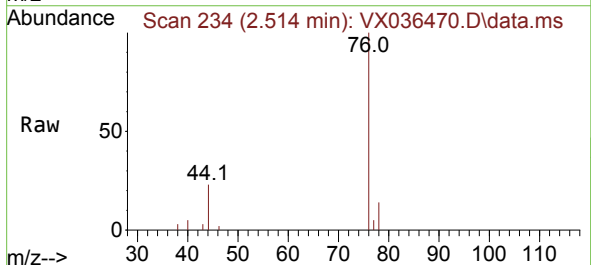
Acq: 07 Jul 2023 19:25

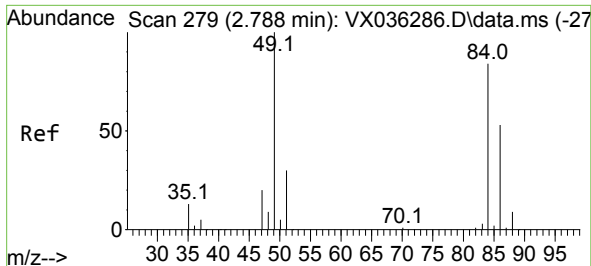
Tgt Ion: 76 Resp: 5322

Ion Ratio Lower Upper

76 100

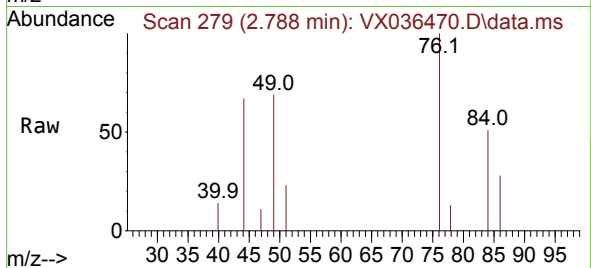
78 14.3 7.0 10.6#



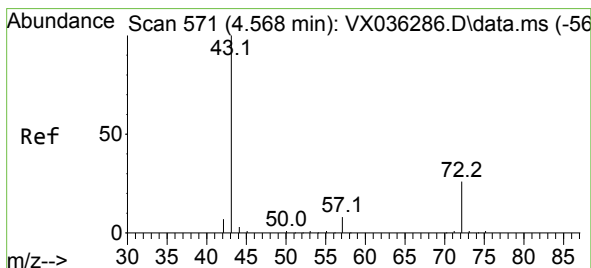
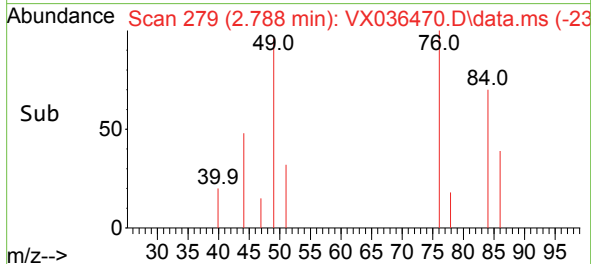
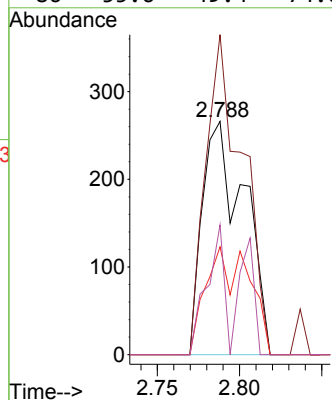


#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036470.D
Acq: 07 Jul 2023 19:25

Instrument :
MSVOA_X
ClientSampleId :
HOUSE-BASEMENT

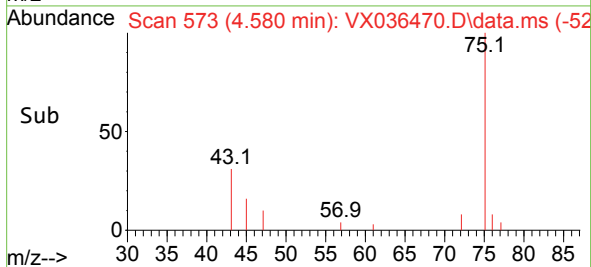
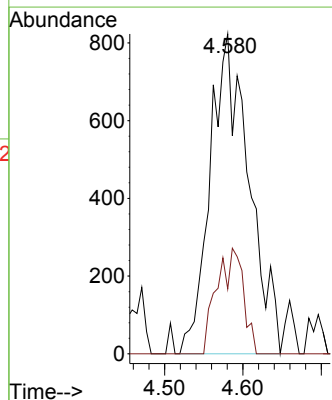
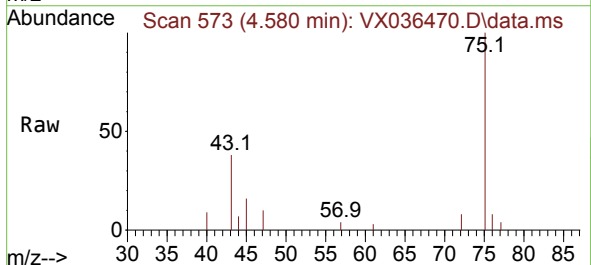


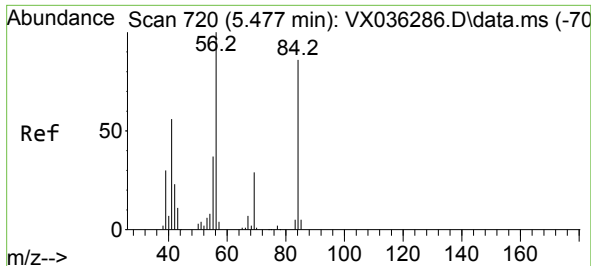
Tgt Ion: 84	Resp: 470
Ion Ratio	Lower Upper
84 100	
49 137.2	103.6 155.4
51 46.2	33.8 50.6
86 55.6	49.4 74.0



#25
2-Butanone
Concen: 1.865 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX036470.D
Acq: 07 Jul 2023 19:25

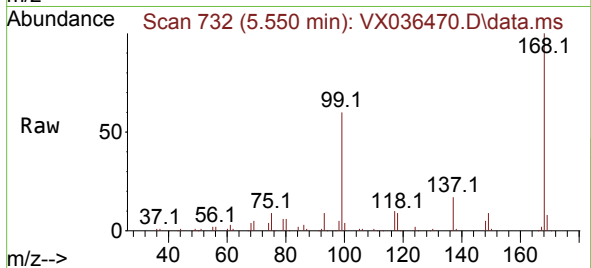
Tgt Ion: 43	Resp: 2832		
Ion Ratio	Lower	Upper	
43 100			
72 20.3	19.4	29.2	



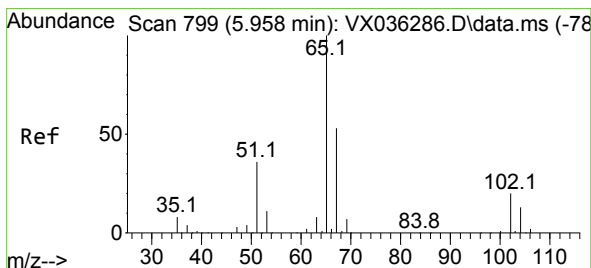
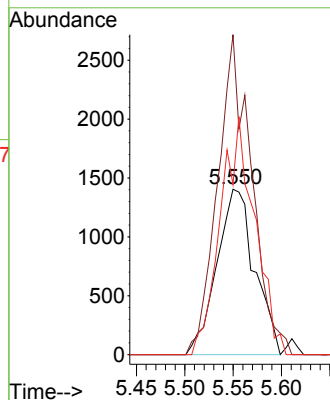
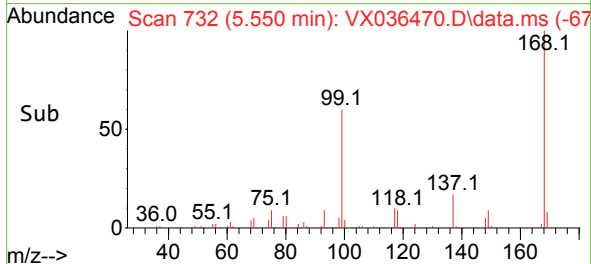


#31
Cyclohexane
Concen: 1.205 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX036470.D
Acq: 07 Jul 2023 19:25

Instrument :
MSVOA_X
ClientSampleId :
HOUSE-BASEMENT

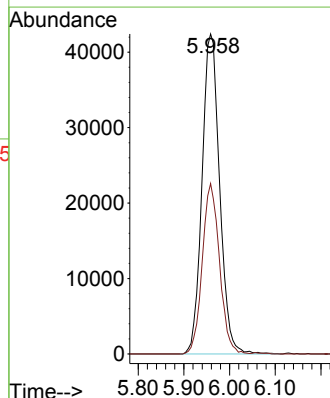
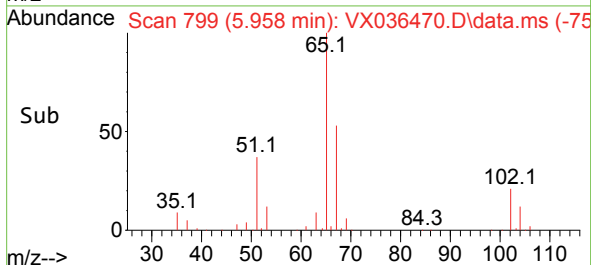
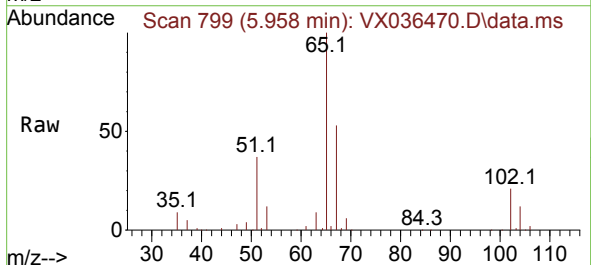


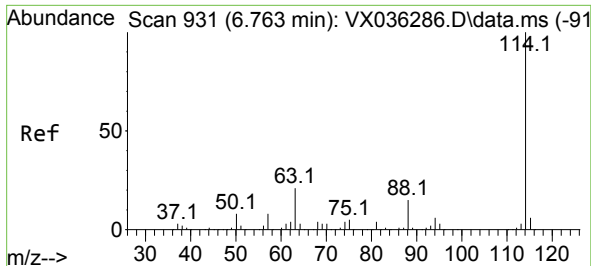
Tgt Ion: 56 Resp: 3818
Ion Ratio Lower Upper
56 100
69 193.4 23.4 35.2#
84 102.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.965 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036470.D
Acq: 07 Jul 2023 19:25

Tgt Ion: 65 Resp: 113639
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

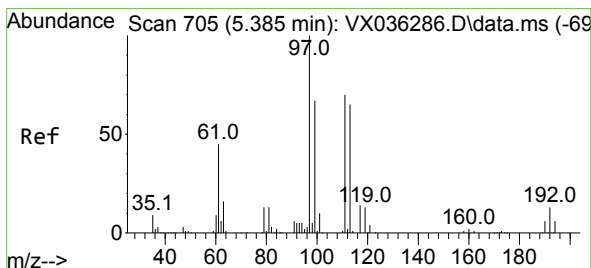
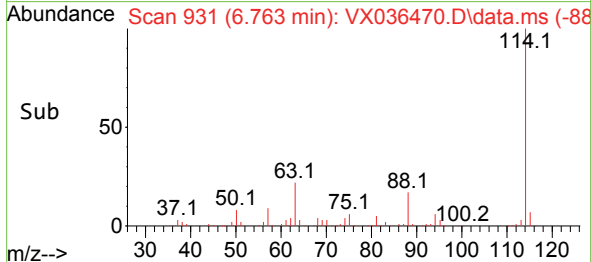
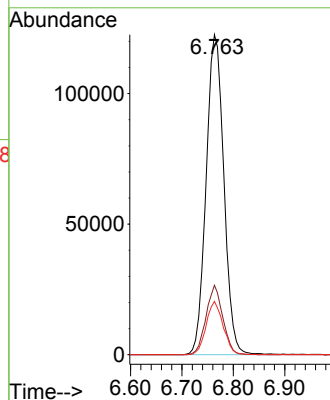
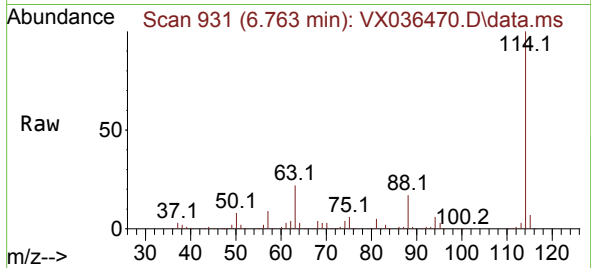




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036470.D
Acq: 07 Jul 2023 19:25

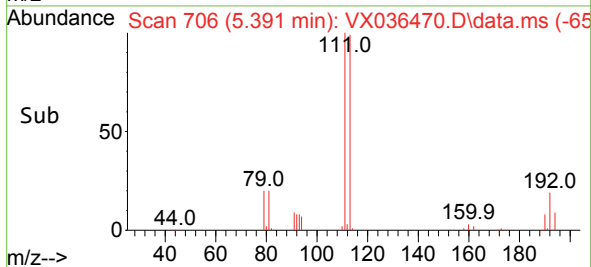
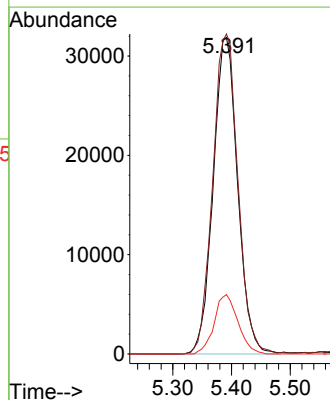
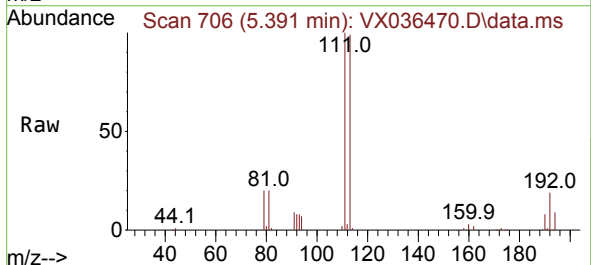
Instrument :
MSVOA_X
ClientSampleId :
HOUSE-BASEMENT

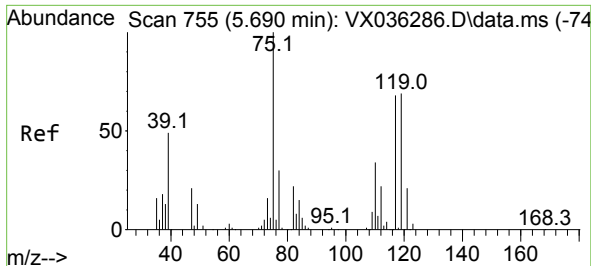
Tgt Ion:114 Resp: 294182
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.418 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036470.D
Acq: 07 Jul 2023 19:25

Tgt Ion:113 Resp: 91979
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 18.2 13.3 19.9

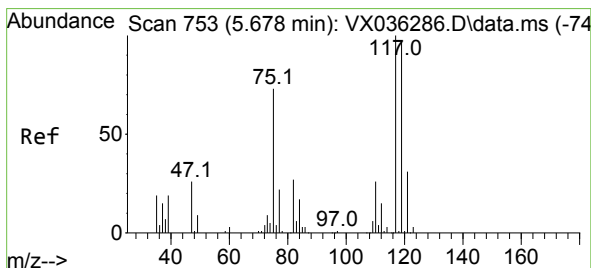
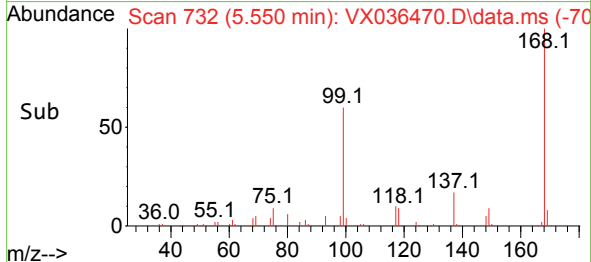
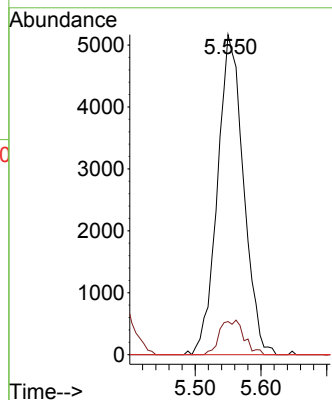
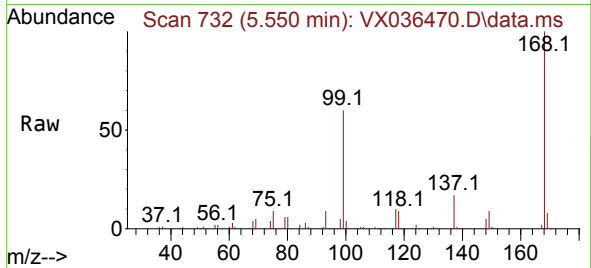




#36
 1,1-Dichloropropene
 Concen: 4.931 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.146 min
 Lab File: VX036470.D
 Acq: 07 Jul 2023 19:25

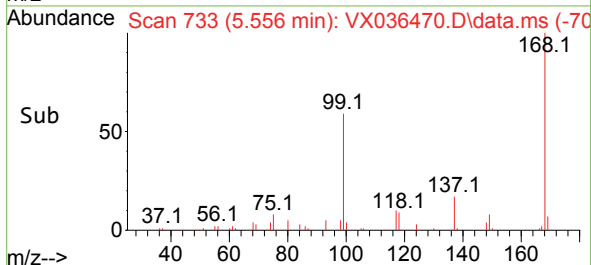
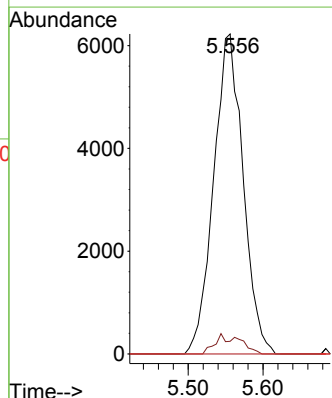
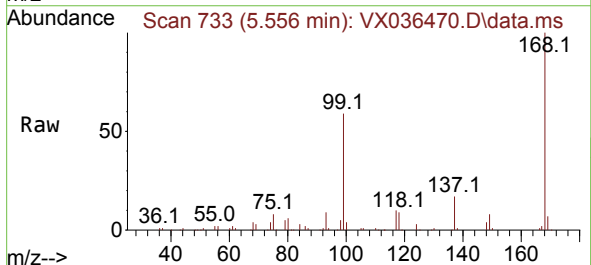
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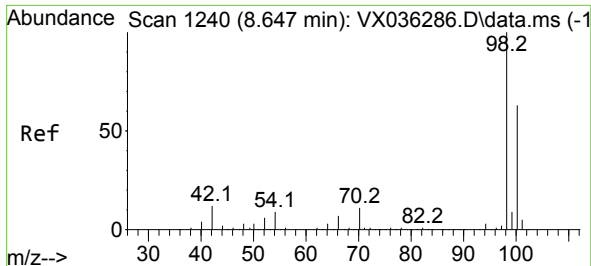
Tgt Ion: 75 Resp: 14259
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.449 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX036470.D
 Acq: 07 Jul 2023 19:25

Tgt Ion: 117 Resp: 17031
 Ion Ratio Lower Upper
 117 100
 119 4.0 78.2 117.2#
 121 0.0 24.4 36.6#

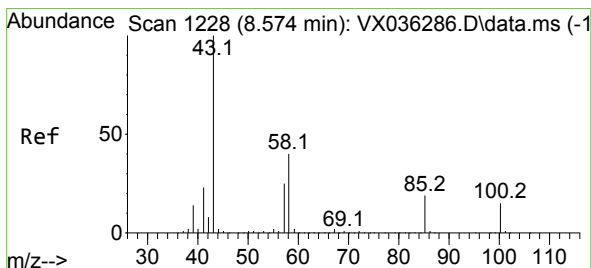
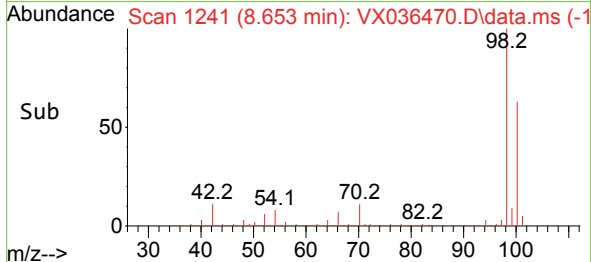
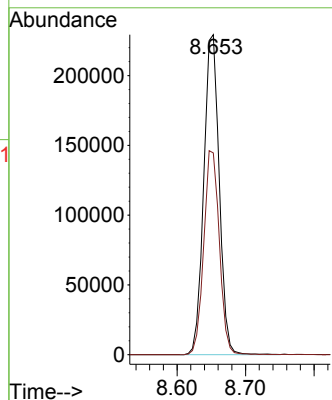
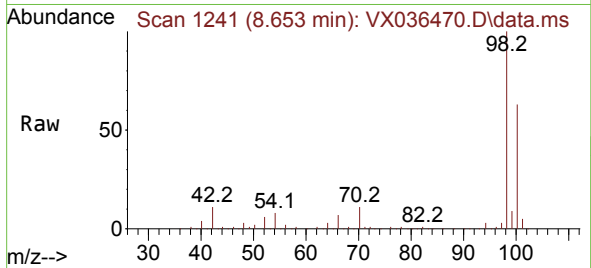




#50
Toluene-d8
Concen: 49.753 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036470.D
Acq: 07 Jul 2023 19:25

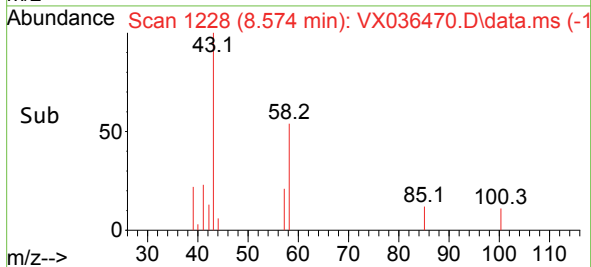
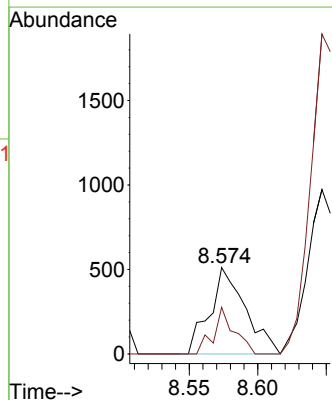
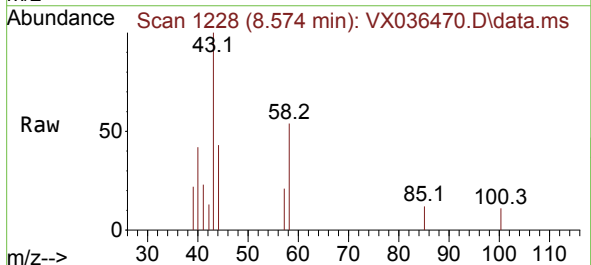
Instrument :
MSVOA_X
ClientSampleId :
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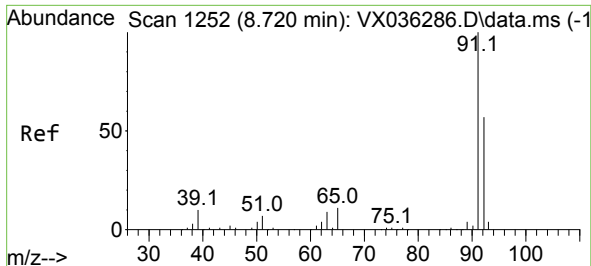
Tgt Ion: 98 Resp: 360461
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.305 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036470.D
Acq: 07 Jul 2023 19:25

Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
58 31.1 30.4 45.6

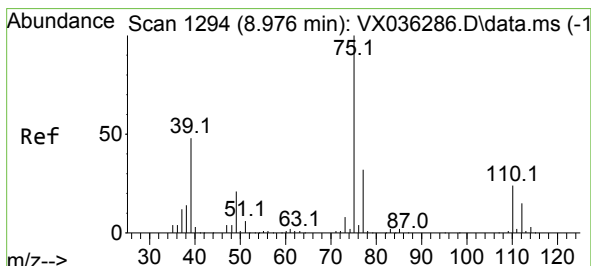
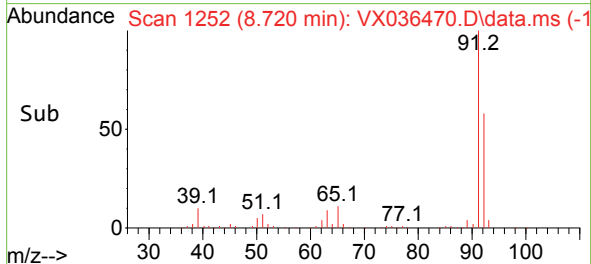
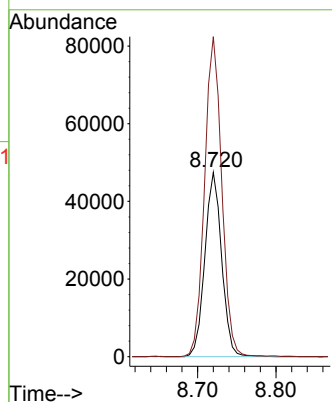
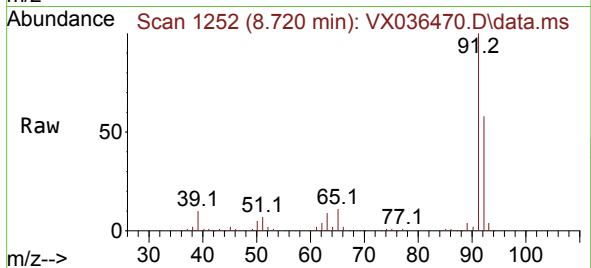




#52
Toluene
Concen: 13.783 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036470.D
Acq: 07 Jul 2023 19:25

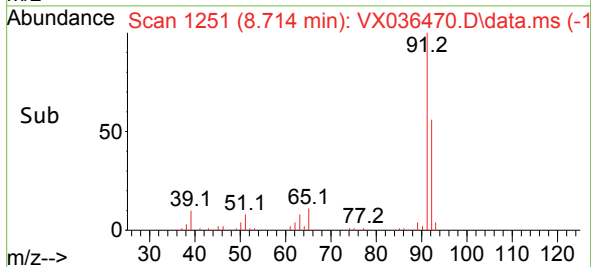
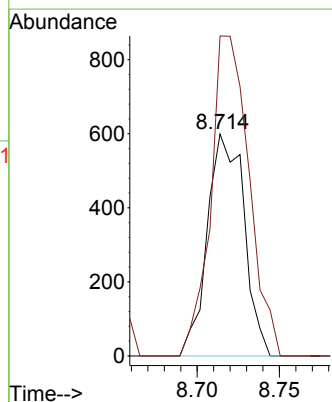
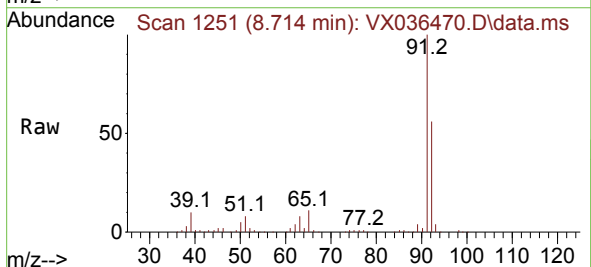
Instrument :
MSVOA_X
ClientSampleId :
HOUSE-BASEMENT

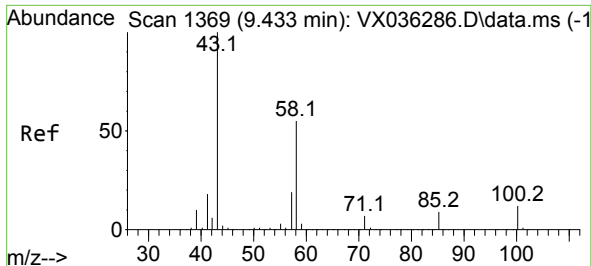
Tgt Ion: 92 Resp: 70554
Ion Ratio Lower Upper
92 100
91 177.6 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 0.329 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.262 min
Lab File: VX036470.D
Acq: 07 Jul 2023 19:25

Tgt Ion: 75 Resp: 930
Ion Ratio Lower Upper
75 100
77 144.2 25.7 38.5#





#59

2-Hexanone

Concen: 0.257 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036470.D

Acq: 07 Jul 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

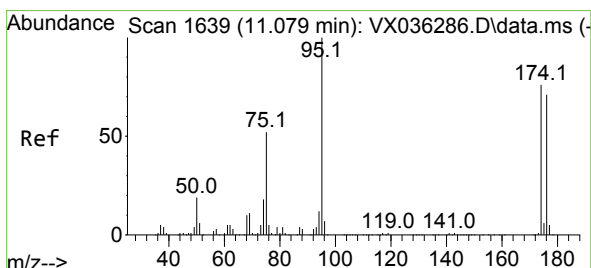
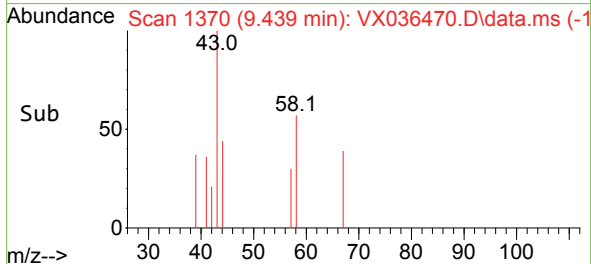
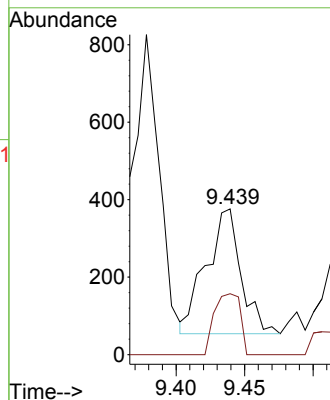
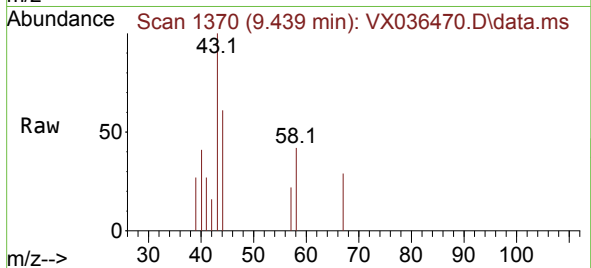
HOUSE-BASEMENT

Tgt Ion: 43 Resp: 569

Ion Ratio Lower Upper

43 100

58 36.2 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 52.098 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036470.D

Acq: 07 Jul 2023 19:25

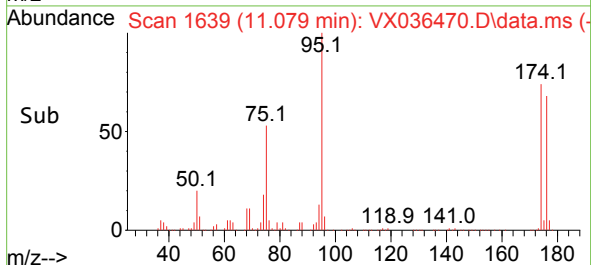
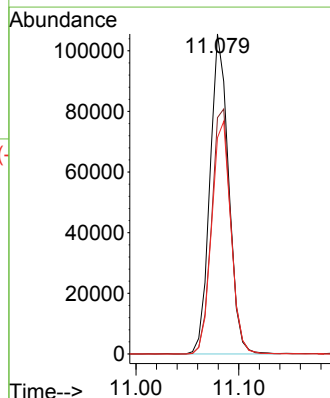
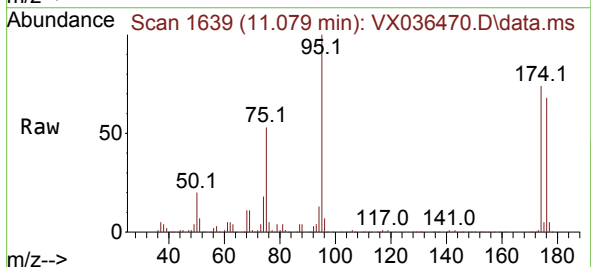
Tgt Ion: 95 Resp: 132951

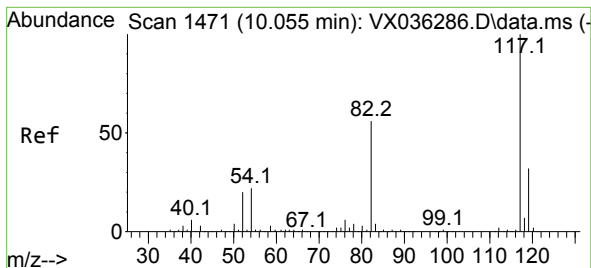
Ion Ratio Lower Upper

95 100

174 78.6 0.0 135.6

176 74.8 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036470.D

Acq: 07 Jul 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

HOUSE-BASEMENT

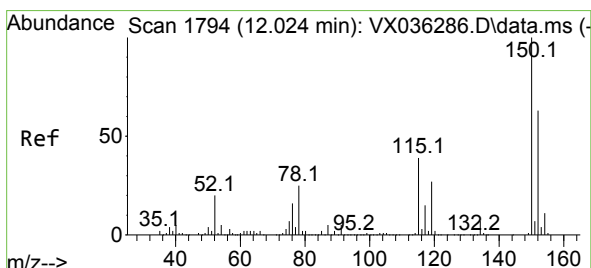
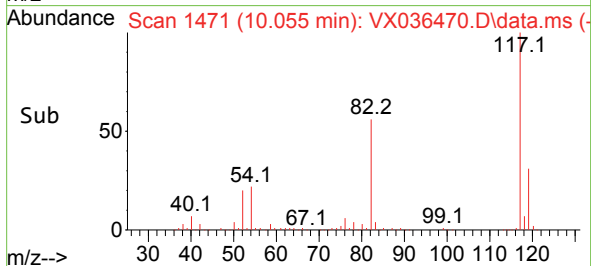
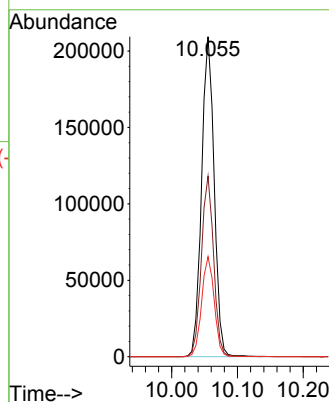
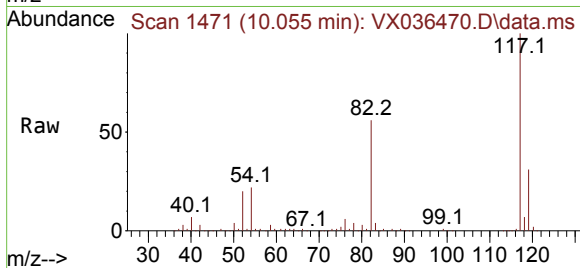
Tgt Ion:117 Resp: 277725

Ion Ratio Lower Upper

117 100

82 56.4 46.2 69.4

119 31.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036470.D

Acq: 07 Jul 2023 19:25

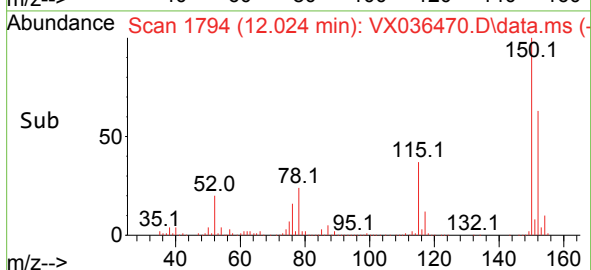
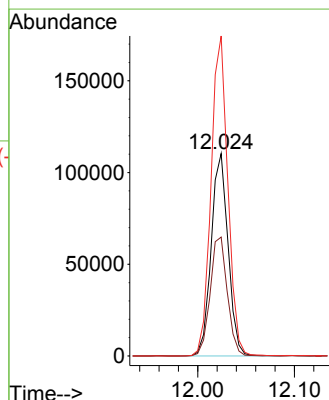
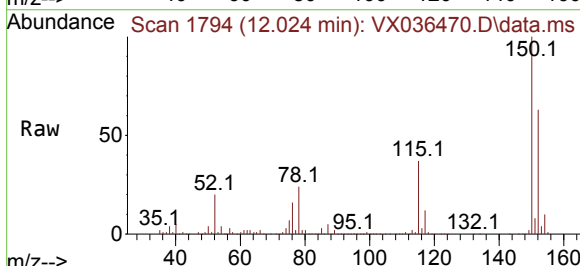
Tgt Ion:152 Resp: 133928

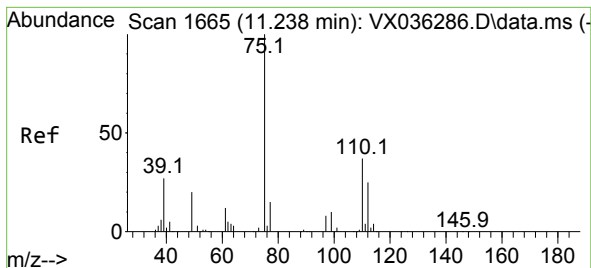
Ion Ratio Lower Upper

152 100

115 60.0 43.3 129.9

150 157.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.063 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036470.D

Acq: 07 Jul 2023 19:25

Instrument :

MSVOA_X

ClientSampleId :

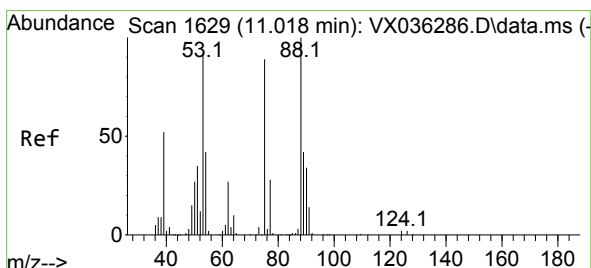
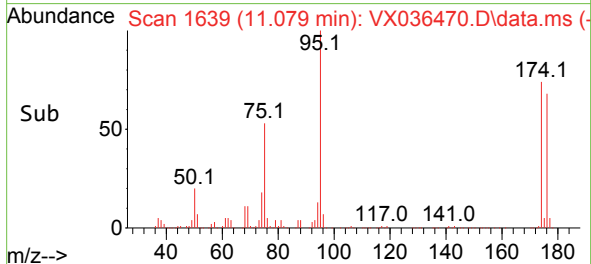
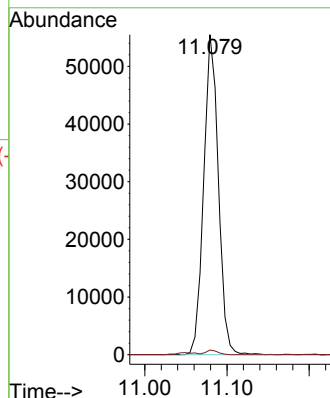
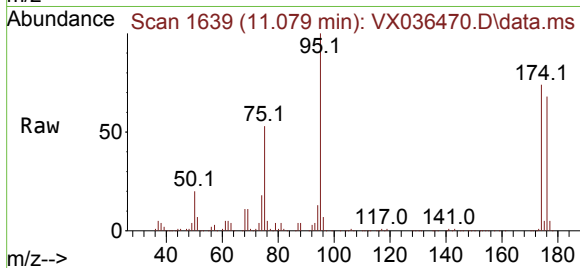
HOUSE-BASEMENT

Tgt Ion: 75 Resp: 68740

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.438 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036470.D

Acq: 07 Jul 2023 19:25

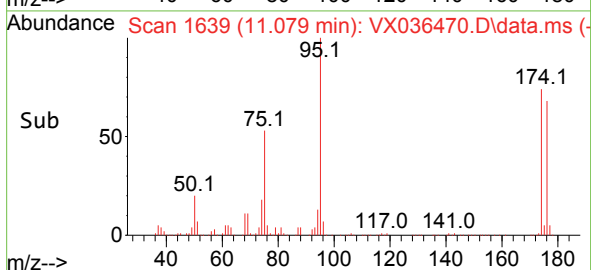
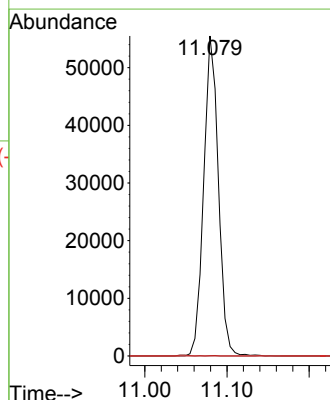
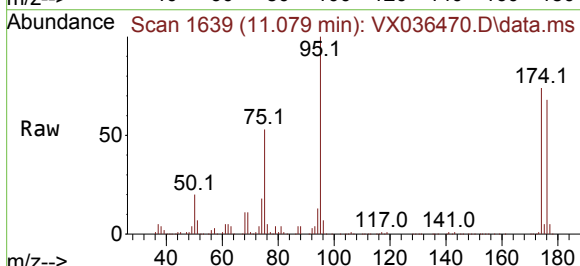
Tgt Ion: 75 Resp: 68740

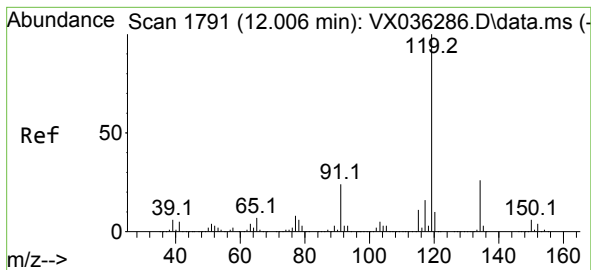
Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.0 36.9 55.3#





#86
 p-Isopropyltoluene
 Concen: 0.432 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036470.D
 Acq: 07 Jul 2023 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 HOUSE-BASEMENT

Tgt Ion:119 Resp: 3760
 Ion Ratio Lower Upper
 119 100
 134 29.5 12.8 38.3
 91 49.0 13.1 39.3#

