

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043176.D
 Acq On : 26 Sep 2024 14:25
 Operator : JC/MD
 Sample : P4194-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MANHOLE-119-KEARNY

Quant Time: Sep 27 01:41:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

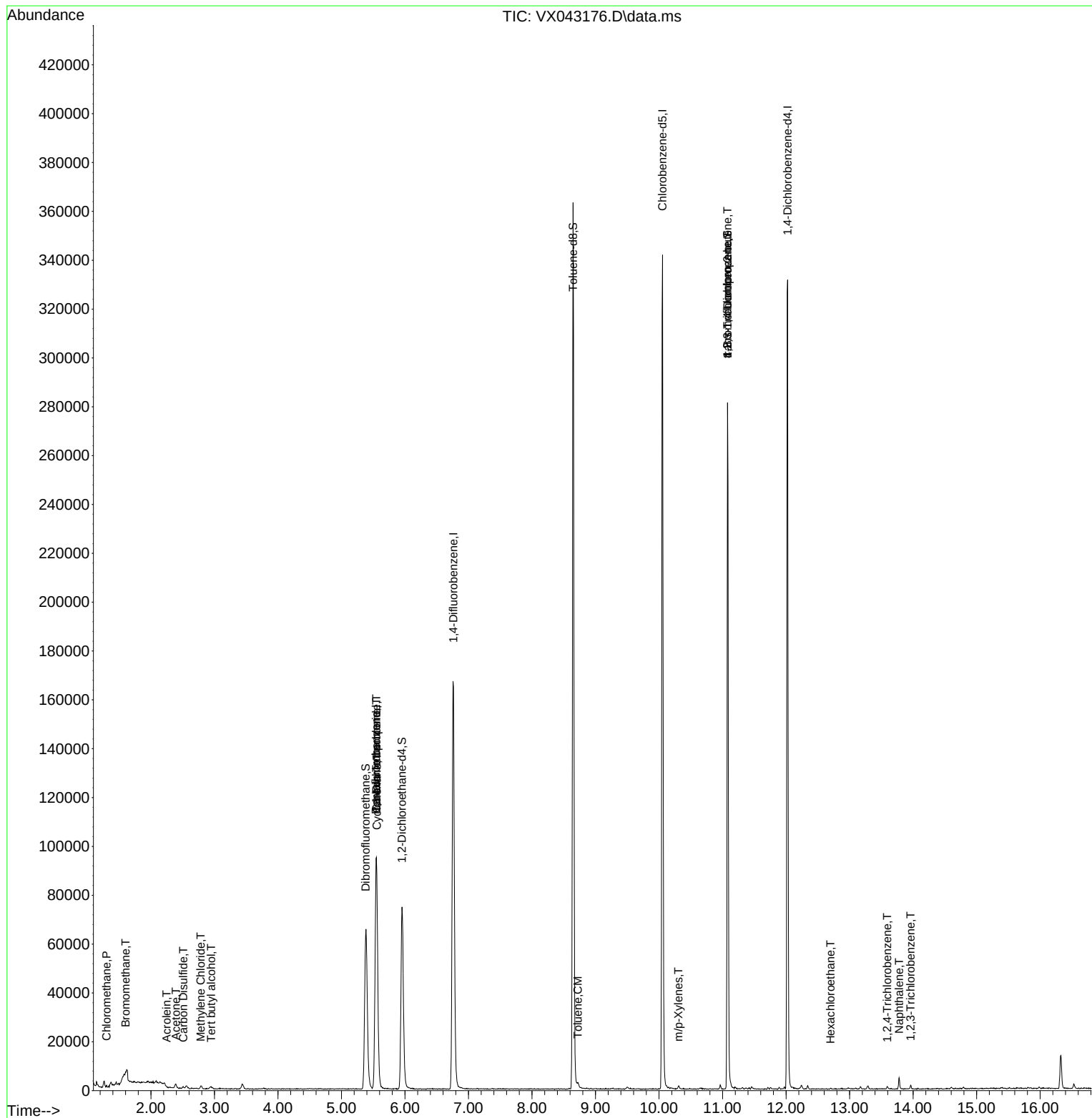
Internal Standards						
1) Pentafluorobenzene	5.544	168	86856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75856	52.579	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.160%	
35) Dibromofluoromethane	5.379	113	57642	47.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.520%	
50) Toluene-d8	8.647	98	208623	51.094	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.180%	
62) 4-Bromofluorobenzene	11.079	95	76562	46.561	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	465	0.492	ug/l	90
5) Bromomethane	1.599	94	161	0.291	ug/l #	2
11) Tert butyl alcohol	2.946	59	339	1.052	ug/l #	71
13) Acrolein	2.245	56	40	0.943	ug/l #	15
16) Acetone	2.392	43	2051	3.040	ug/l #	84
17) Carbon Disulfide	2.507	76	987	0.431	ug/l	98
20) Methylene Chloride	2.782	84	648	0.604	ug/l #	85
31) Cyclohexane	5.556	56	2220	1.565	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	7766	5.237	ug/l #	45
38) Carbon Tetrachloride	5.550	117	9446	4.945	ug/l #	18
52) Toluene	8.720	92	620	0.220	ug/l	89
68) m/p-Xylenes	10.305	106	435	0.204	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	41870	29.025	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	41870	69.155	ug/l #	7
90) Hexachloroethane	12.701	117	259	0.294	ug/l #	17
93) 1,2,4-Trichlorobenzene	13.591	180	368	0.271	ug/l	93
95) Naphthalene	13.780	128	3293	0.697	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	461	0.341	ug/l	83

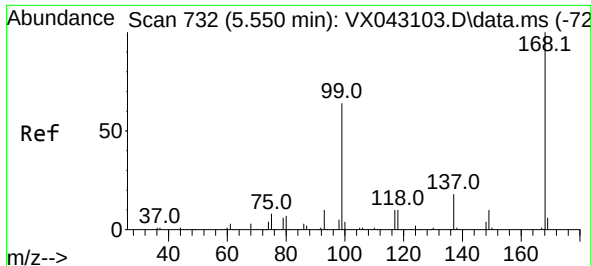
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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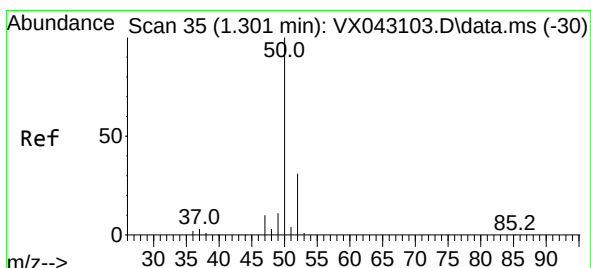
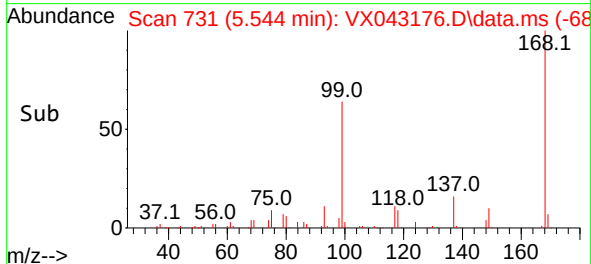
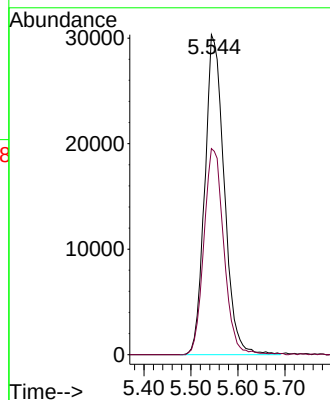
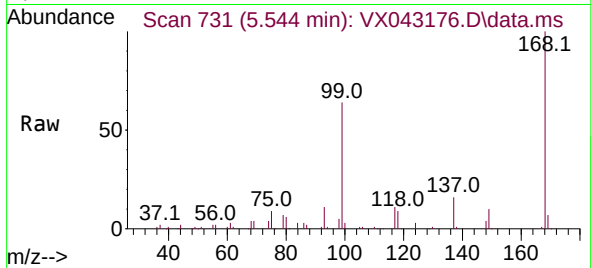




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

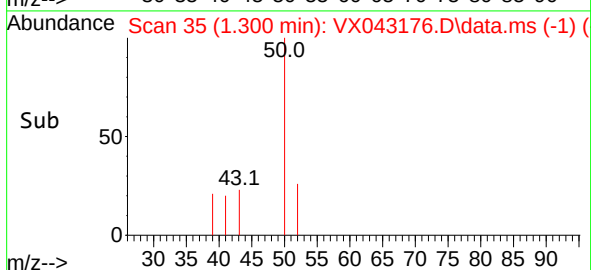
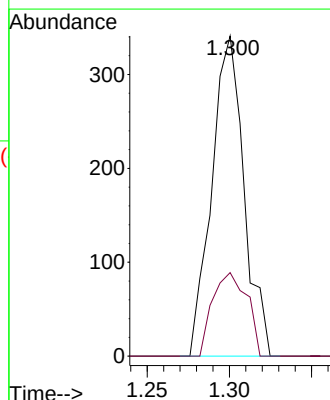
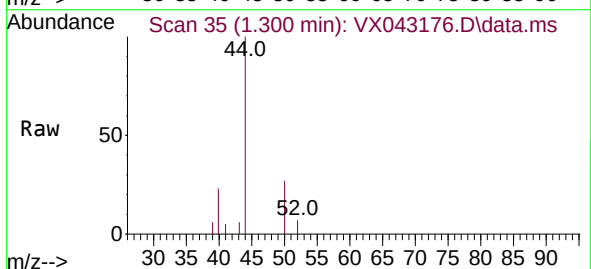
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-119-KEARNY

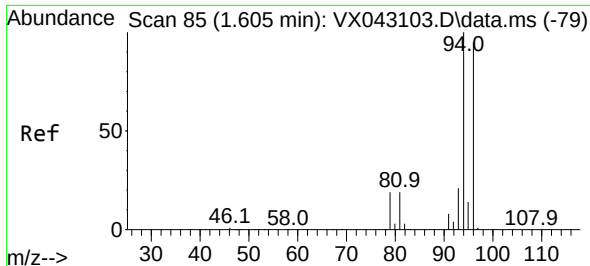
Tgt Ion:168 Resp: 86856
Ion Ratio Lower Upper
168 100
99 64.4 50.8 76.2



#3
Chloromethane
Concen: 0.492 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

Tgt Ion: 50 Resp: 465
Ion Ratio Lower Upper
50 100
52 26.1 25.1 37.7

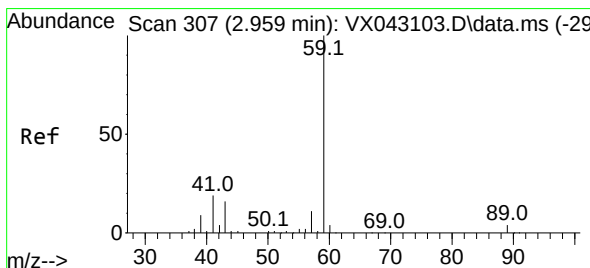
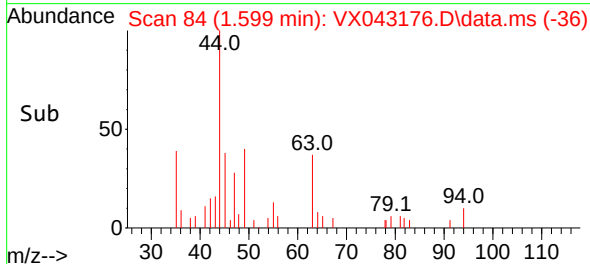
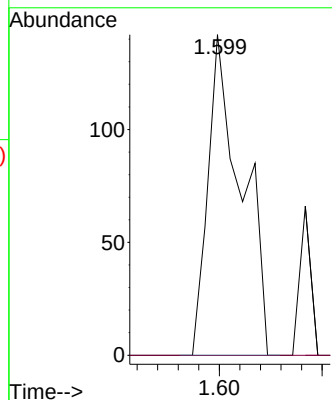
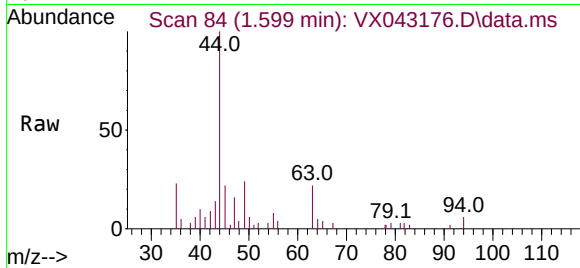




#5
Bromomethane
Concen: 0.291 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

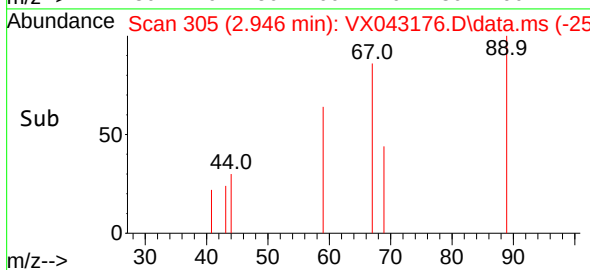
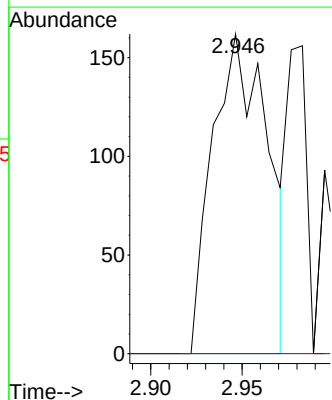
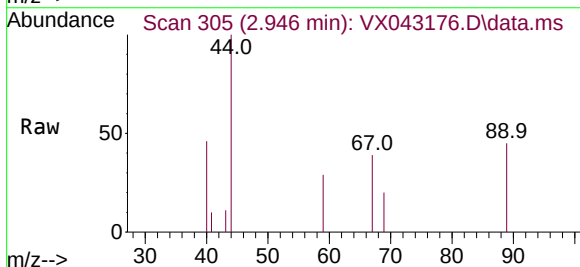
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-119-KEARNY

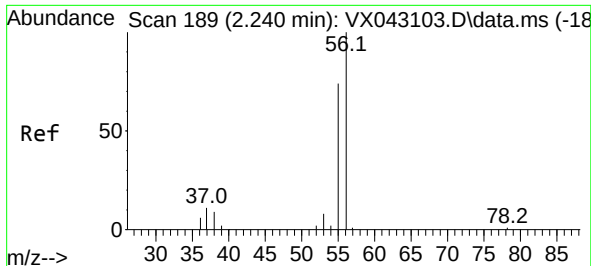
Tgt Ion: 94 Resp: 161
Ion Ratio Lower Upper
94 100
96 0.0 76.2 114.4#



#11
Tert butyl alcohol
Concen: 1.052 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.013 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

Tgt Ion: 59 Resp: 339
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#





#13

Acrolein

Concen: 0.943 ug/l

RT: 2.245 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX043176.D

Acq: 26 Sep 2024 14:25

Instrument :

MSVOA_X

ClientSampleId :

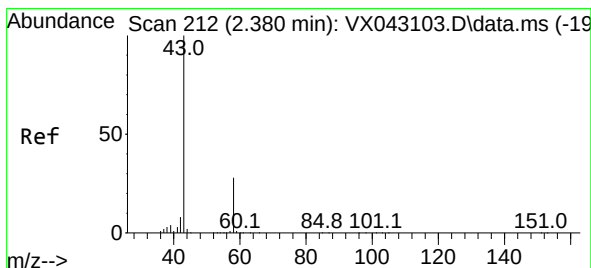
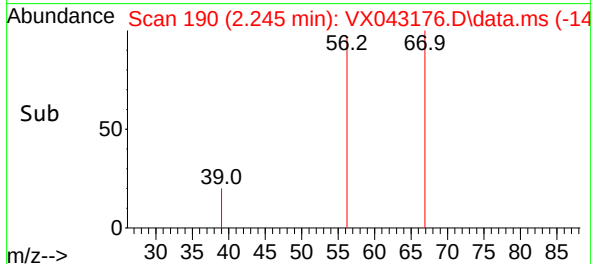
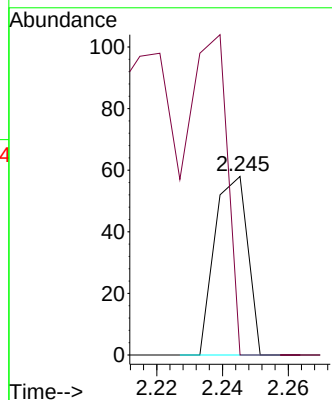
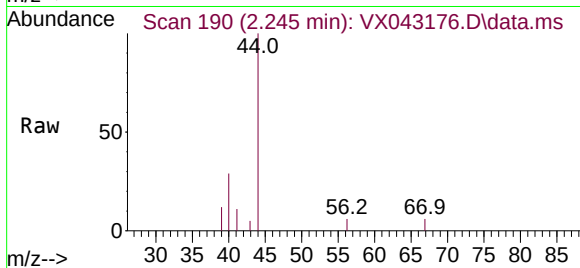
MANHOLE-119-KEARNY

Tgt Ion: 56 Resp: 40

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.6#



#16

Acetone

Concen: 3.040 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX043176.D

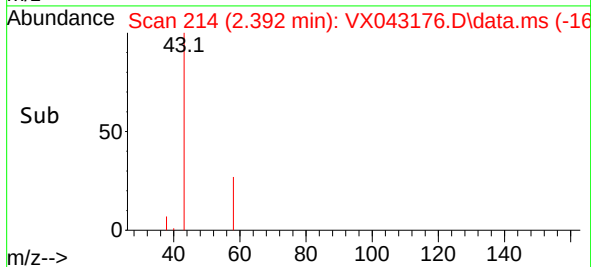
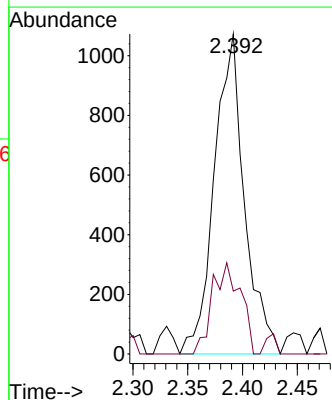
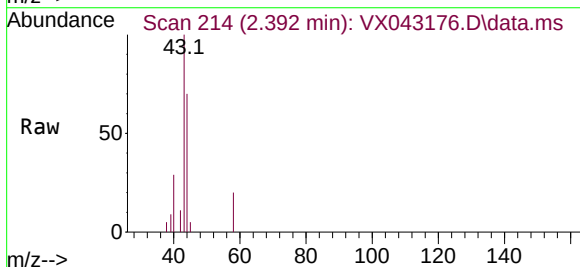
Acq: 26 Sep 2024 14:25

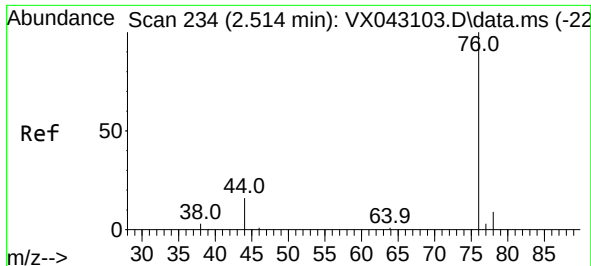
Tgt Ion: 43 Resp: 2051

Ion Ratio Lower Upper

43 100

58 19.7 22.6 34.0#

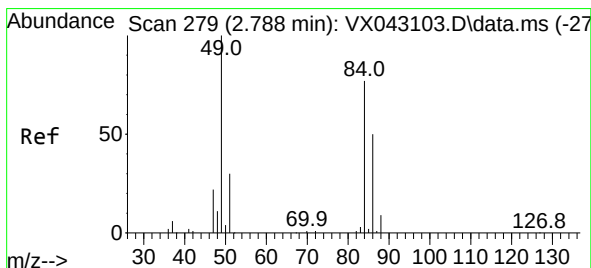
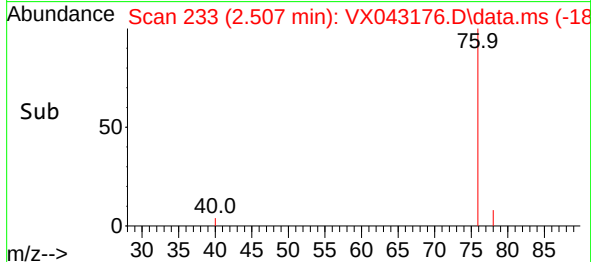
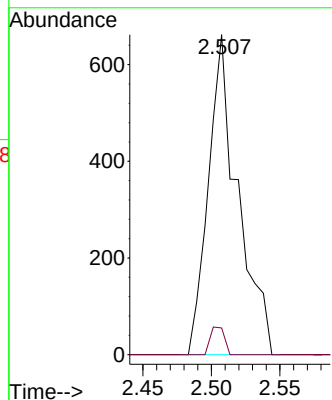
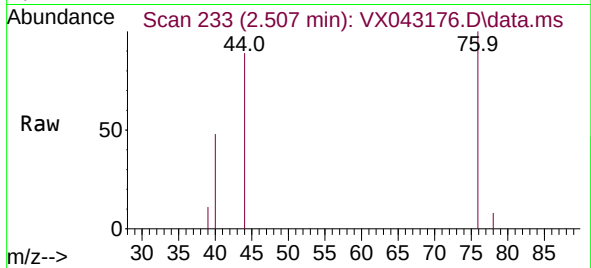




#17
Carbon Disulfide
Concen: 0.431 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

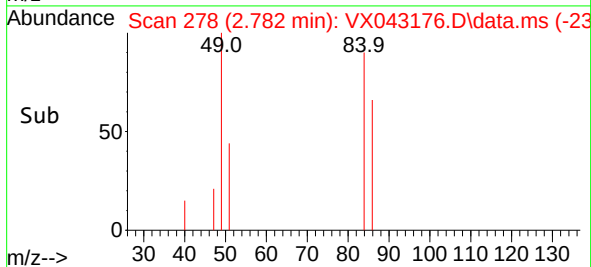
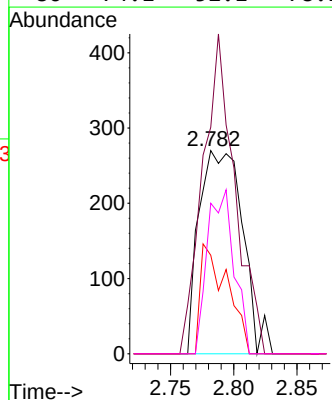
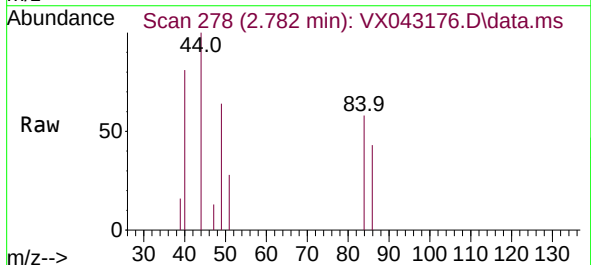
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-119-KEARNY

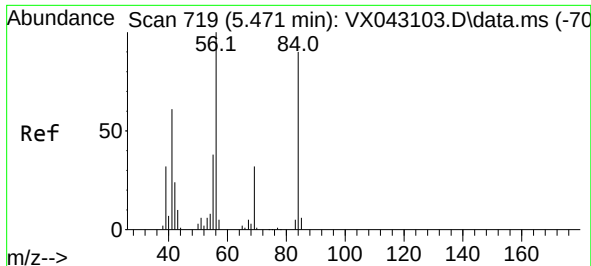
Tgt Ion: 76 Resp: 987
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8



#20
Methylene Chloride
Concen: 0.604 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

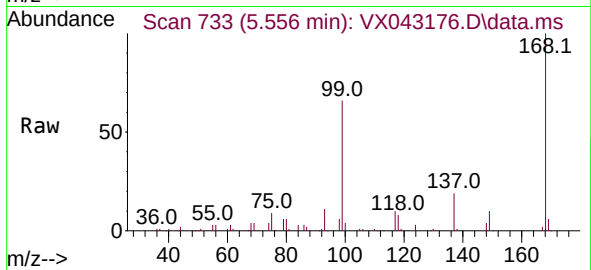
Tgt Ion: 84 Resp: 648
Ion Ratio Lower Upper
84 100
49 111.5 104.1 156.1
51 48.5 31.1 46.7#
86 74.1 52.1 78.1



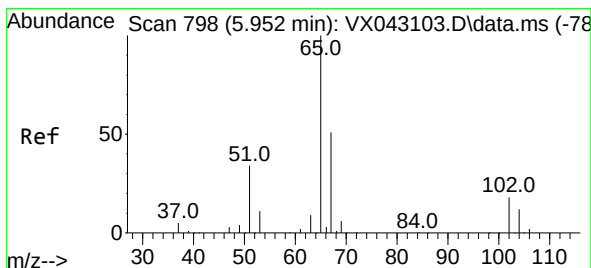
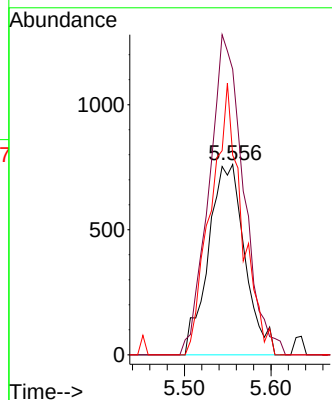
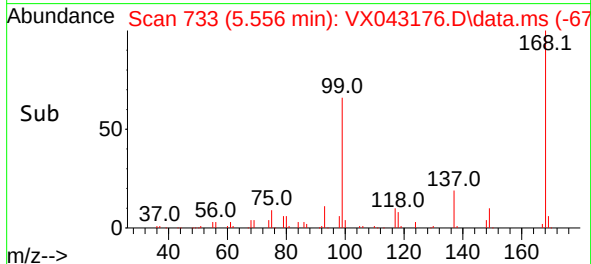


#31
Cyclohexane
Concen: 1.565 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-119-KEARNY

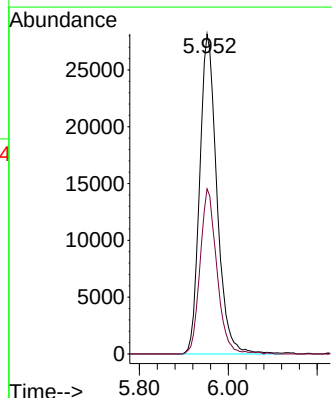
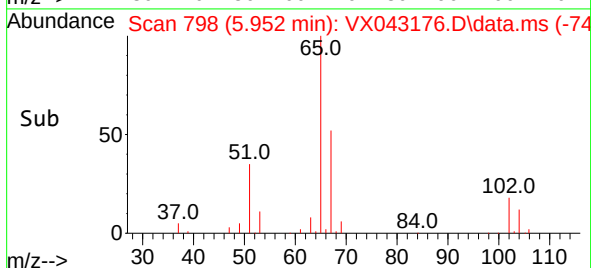
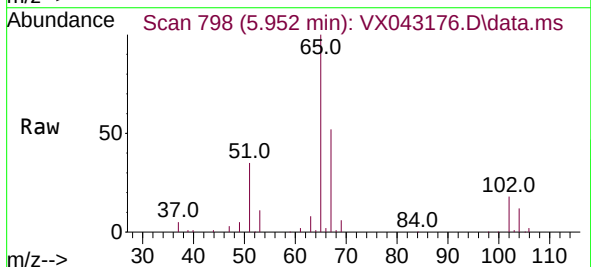


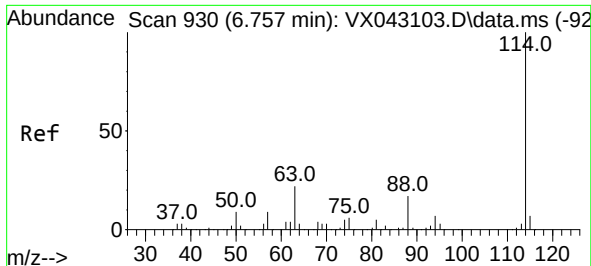
Tgt Ion: 56 Resp: 2220
Ion Ratio Lower Upper
56 100
69 150.1 25.8 38.6#
84 104.9 72.4 108.6



#33
1,2-Dichloroethane-d4
Concen: 52.579 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

Tgt Ion: 65 Resp: 75856
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.0

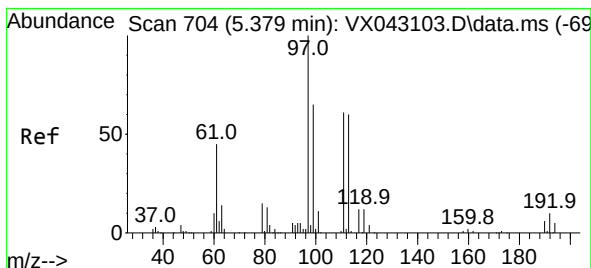
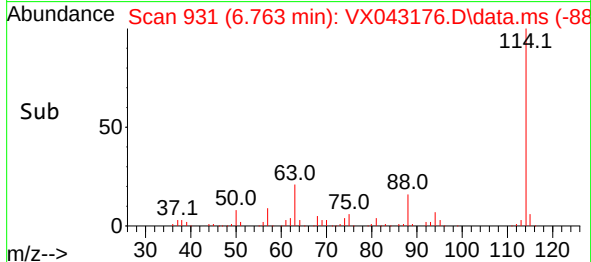
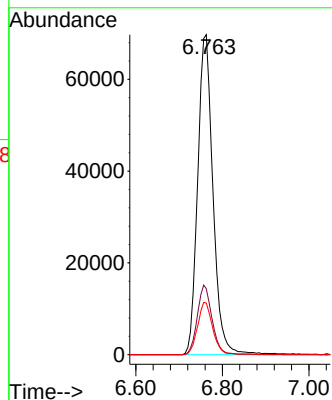
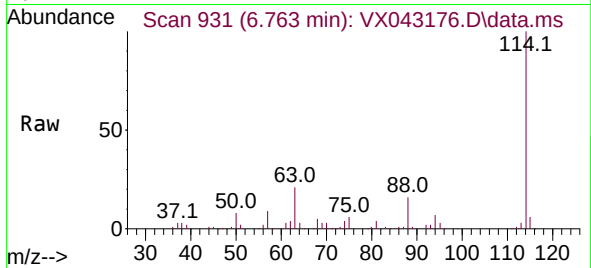




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

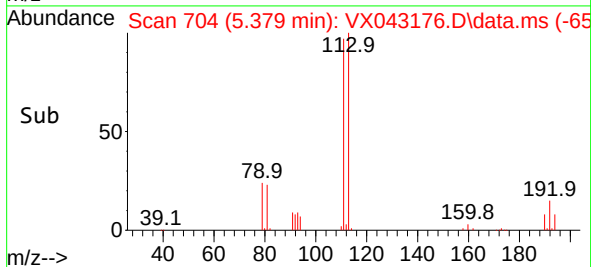
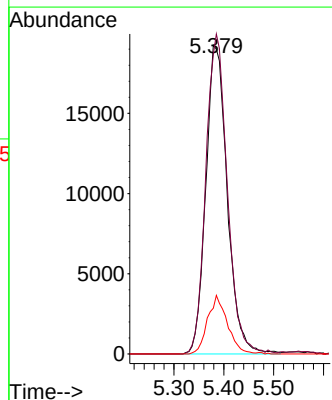
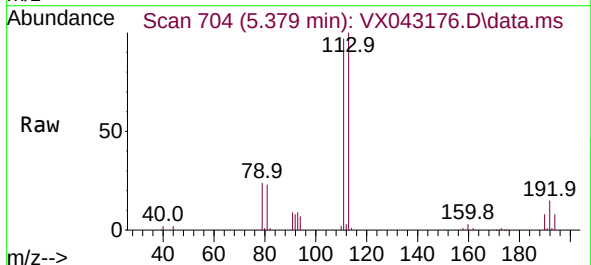
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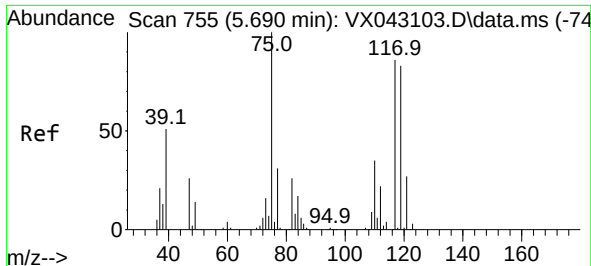
Tgt Ion:114 Resp: 171082
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.762 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

Tgt Ion:113 Resp: 57642
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 17.6 14.6 22.0





#36

1,1-Dichloropropene

Concen: 5.237 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.141 min

Lab File: VX043176.D

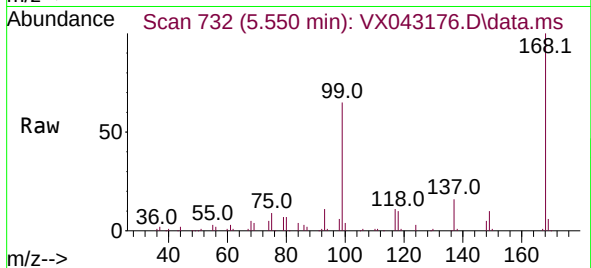
Acq: 26 Sep 2024 14:25

Instrument :

MSVOA_X

ClientSampleId :

MANHOLE-119-KEARNY



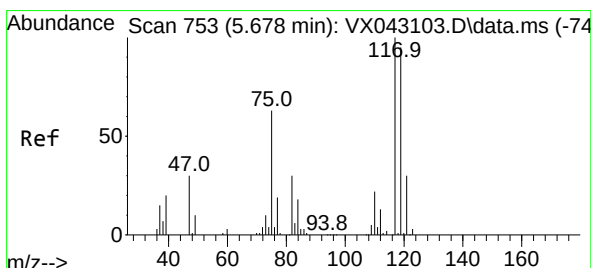
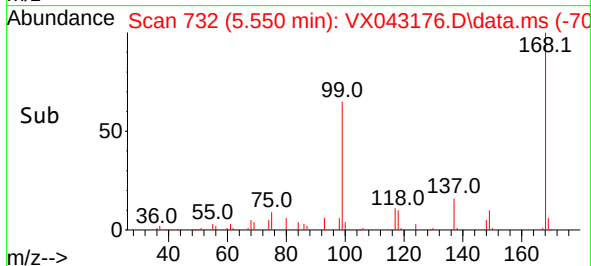
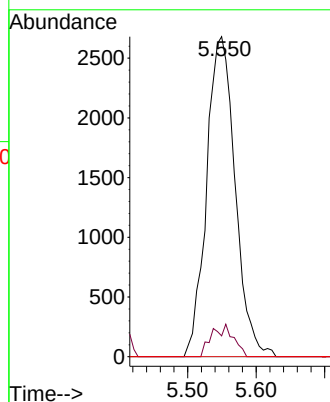
Tgt Ion: 75 Resp: 7766

Ion Ratio Lower Upper

75 100

110 4.1 17.8 53.4#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 4.945 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX043176.D

Acq: 26 Sep 2024 14:25

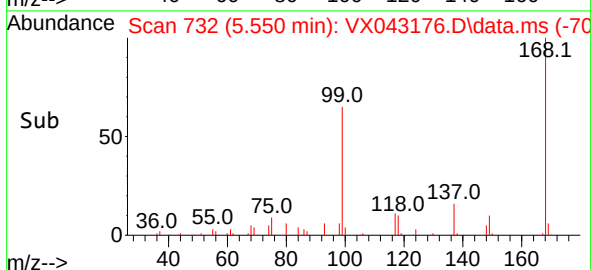
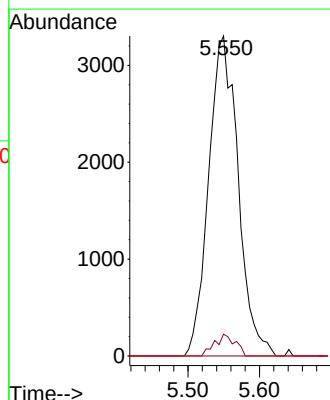
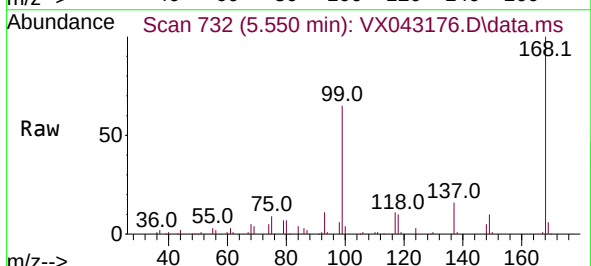
Tgt Ion: 117 Resp: 9446

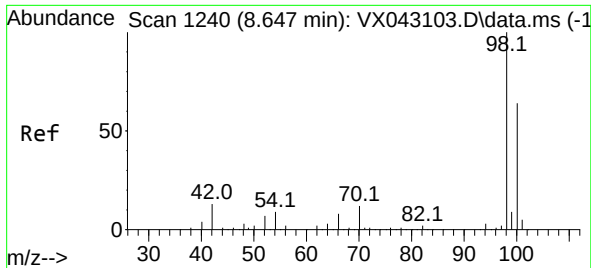
Ion Ratio Lower Upper

117 100

119 6.8 75.5 113.3#

121 0.0 24.2 36.2#

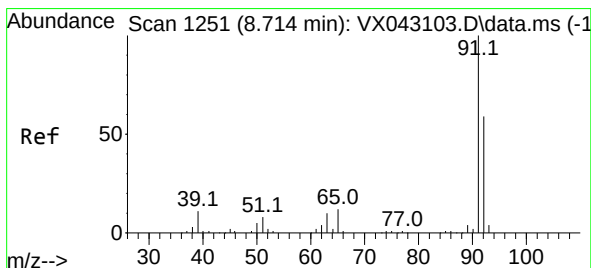
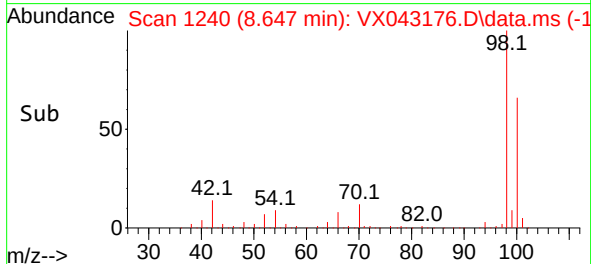
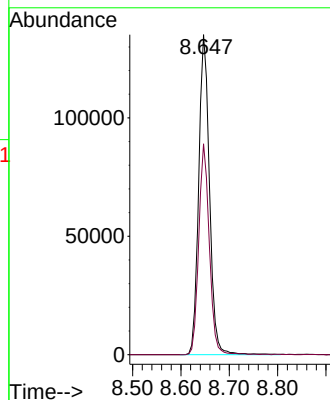
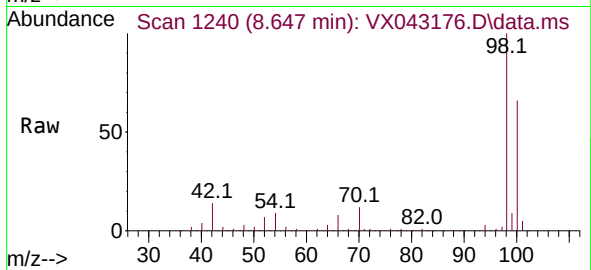




#50
Toluene-d8
Concen: 51.094 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

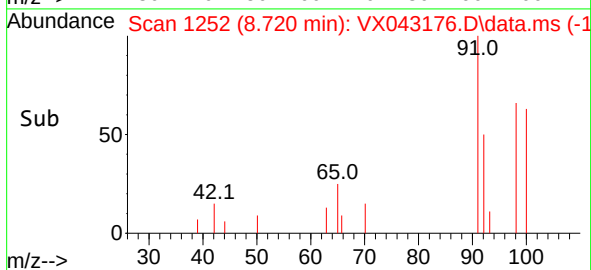
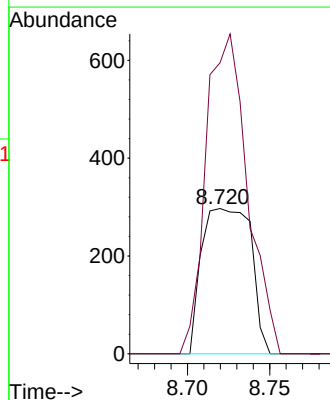
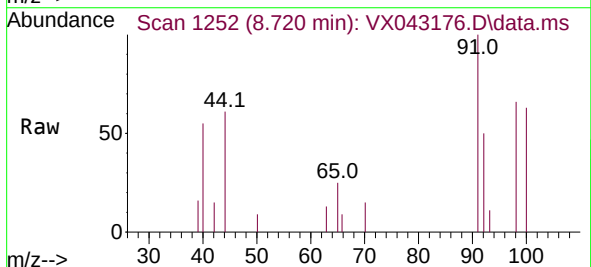
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-119-KEARNY

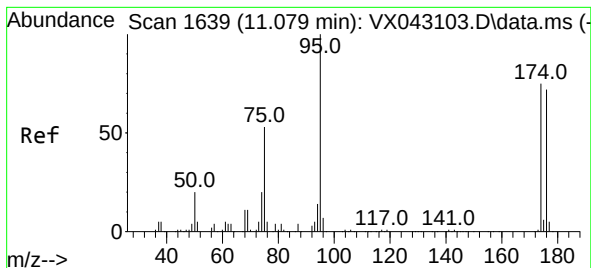
Tgt Ion: 98 Resp: 208623
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#52
Toluene
Concen: 0.220 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

Tgt Ion: 92 Resp: 620
Ion Ratio Lower Upper
92 100
91 185.2 135.9 203.9

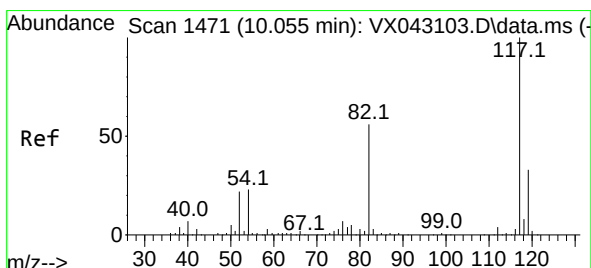
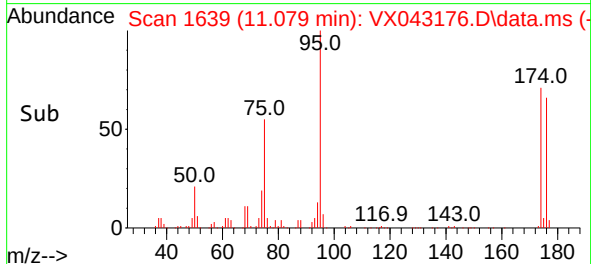
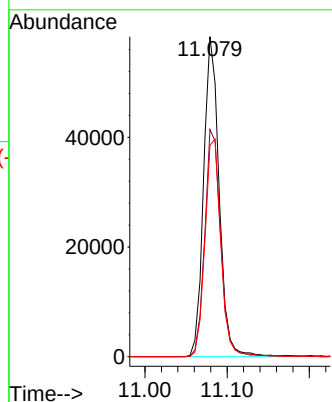
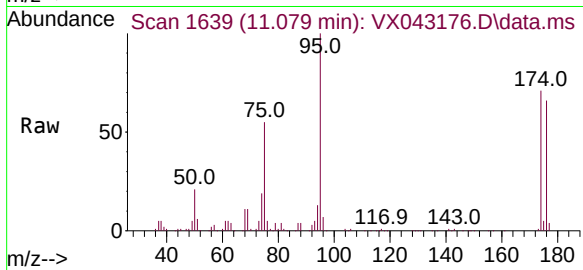




#62
4-Bromofluorobenzene
Concen: 46.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

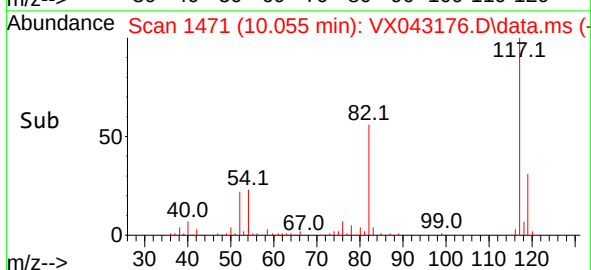
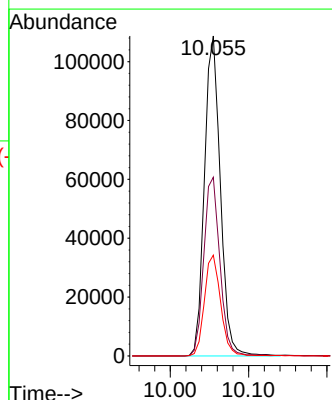
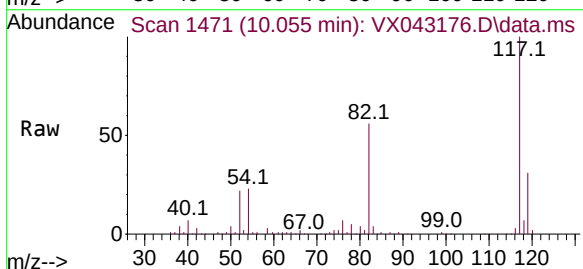
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-119-KEARNY

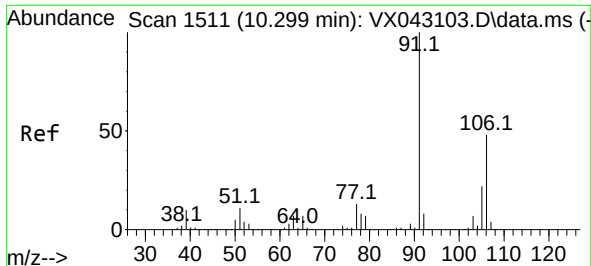
Tgt Ion: 95 Resp: 76562
Ion Ratio Lower Upper
95 100
174 72.8 0.0 146.0
176 69.5 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

Tgt Ion: 117 Resp: 153324
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 31.5 26.3 39.5

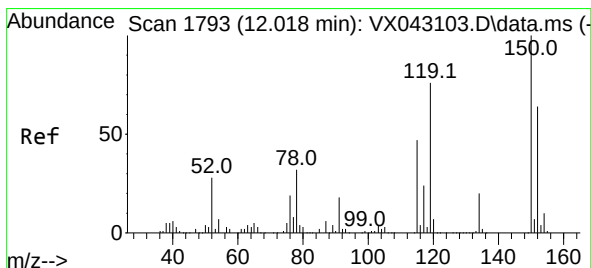
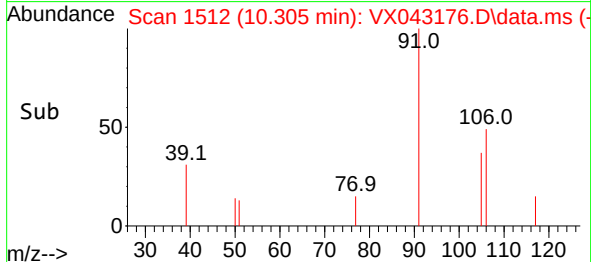
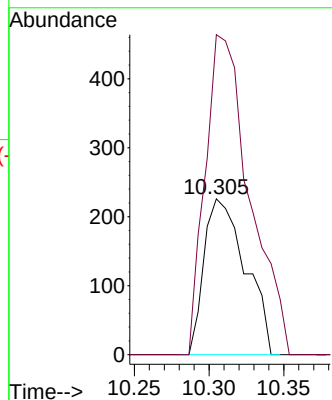
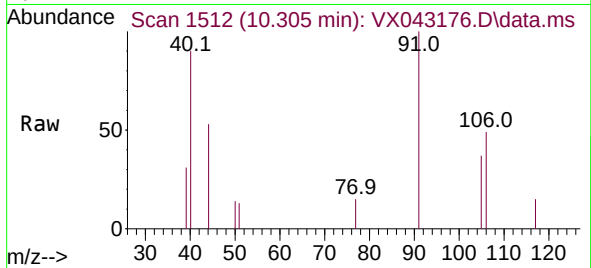




#68
m/p-Xylenes
Concen: 0.204 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

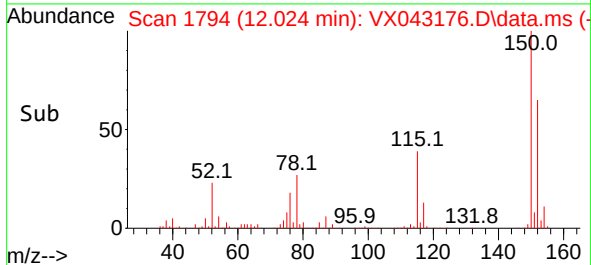
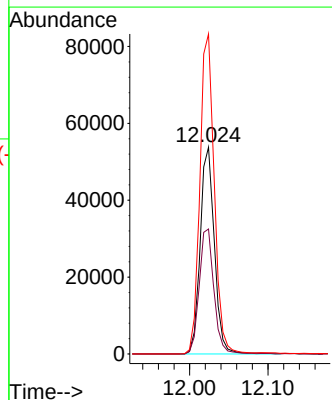
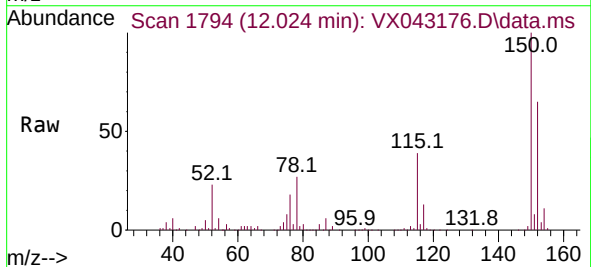
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-119-KEARNY

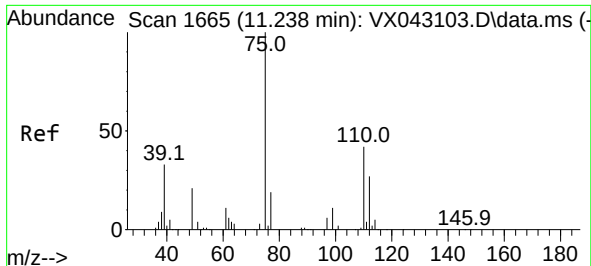
Tgt Ion:106 Resp: 435
Ion Ratio Lower Upper
106 100
91 220.5 167.5 251.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

Tgt Ion:152 Resp: 67850
Ion Ratio Lower Upper
152 100
115 62.6 43.7 131.1
150 156.8 0.0 344.6

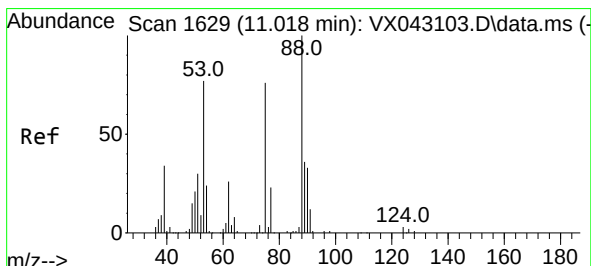
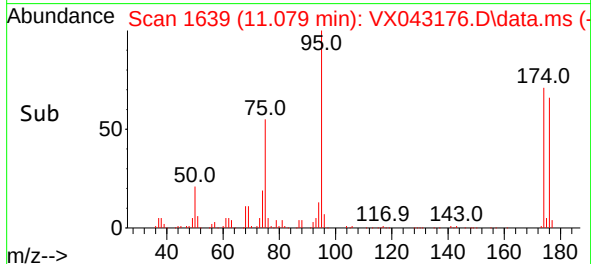
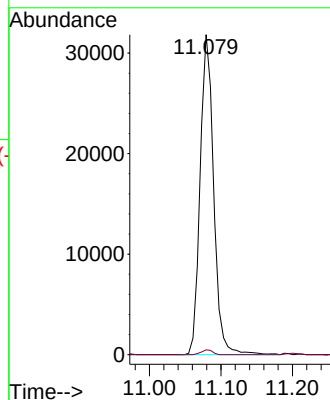
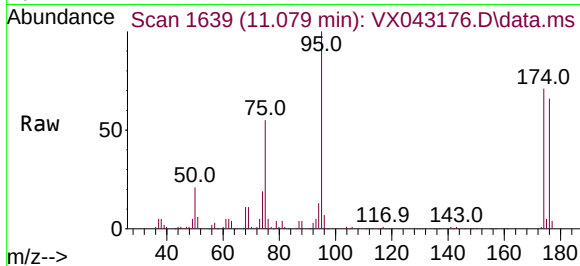




#76
1,2,3-Trichloropropane
Concen: 29.025 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

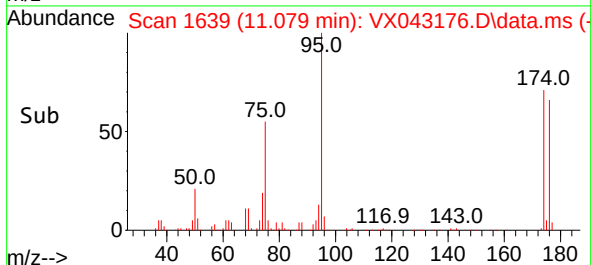
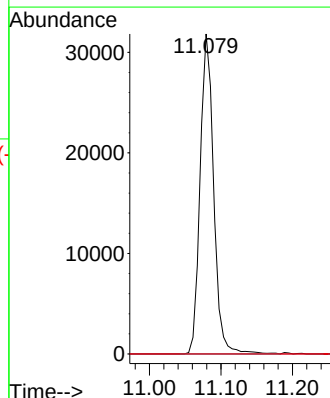
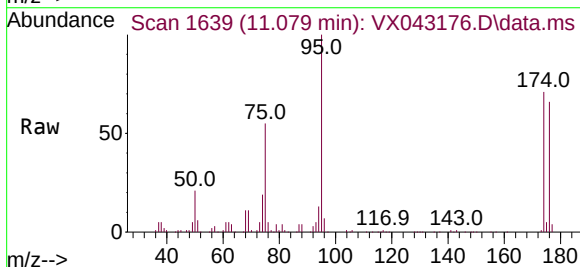
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-119-KEARNY

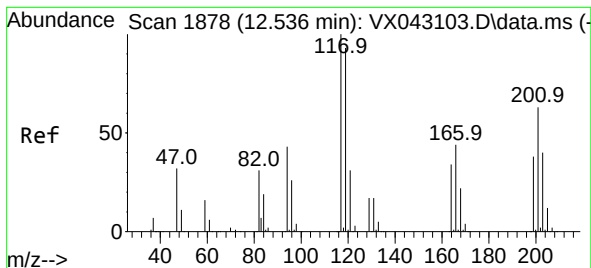
Tgt Ion: 75 Resp: 41870
Ion Ratio Lower Upper
75 100
77 1.3 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.155 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043176.D
Acq: 26 Sep 2024 14:25

Tgt Ion: 75 Resp: 41870
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#





#90

Hexachloroethane

Concen: 0.294 ug/l

RT: 12.701 min Scan# 1905

Delta R.T. 0.164 min

Lab File: VX043176.D

Acq: 26 Sep 2024 14:25

Instrument :

MSVOA_X

ClientSampleId :

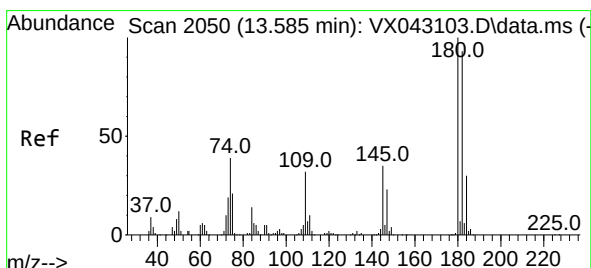
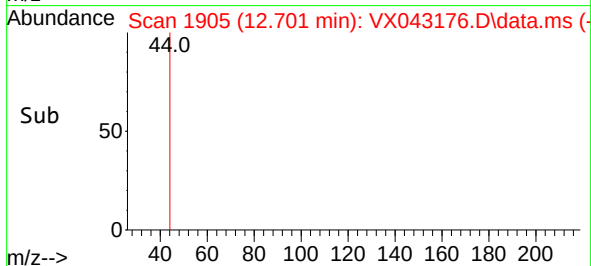
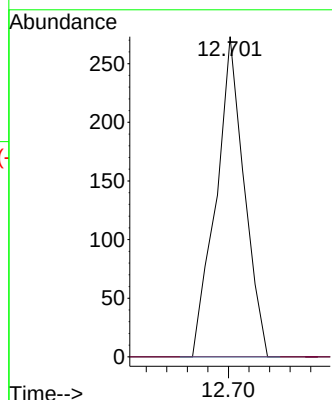
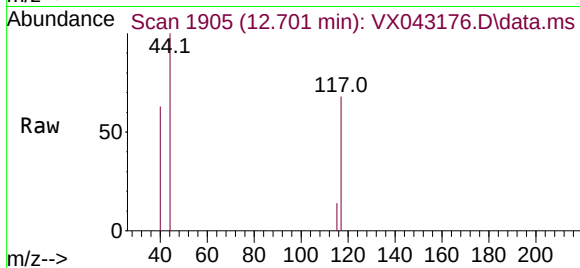
MANHOLE-119-KEARNY

Tgt Ion:117 Resp: 259

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#93

1,2,4-Trichlorobenzene

Concen: 0.271 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX043176.D

Acq: 26 Sep 2024 14:25

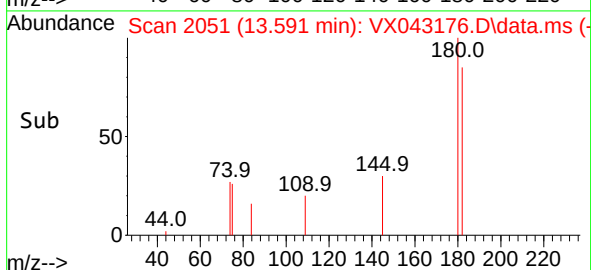
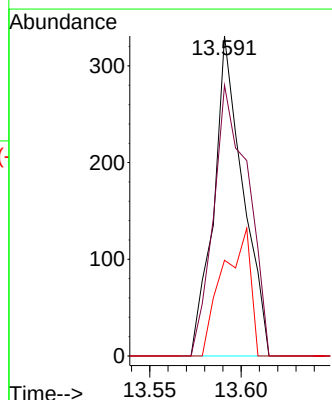
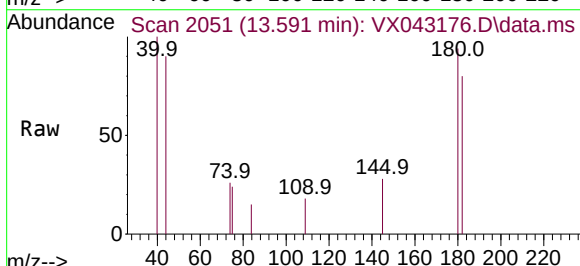
Tgt Ion:180 Resp: 368

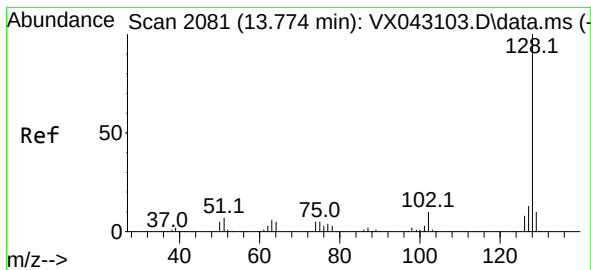
Ion Ratio Lower Upper

180 100

182 99.7 46.7 140.0

145 38.0 17.0 50.9





#95

Naphthalene

Concen: 0.697 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX043176.D

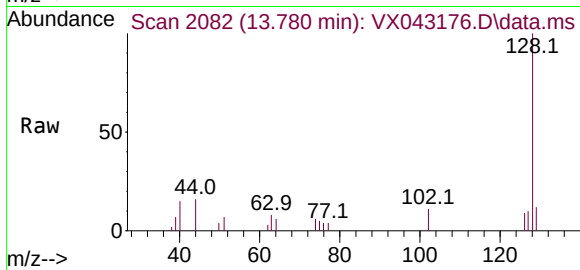
Acq: 26 Sep 2024 14:25

Instrument :

MSVOA_X

ClientSampleId :

MANHOLE-119-KEARNY



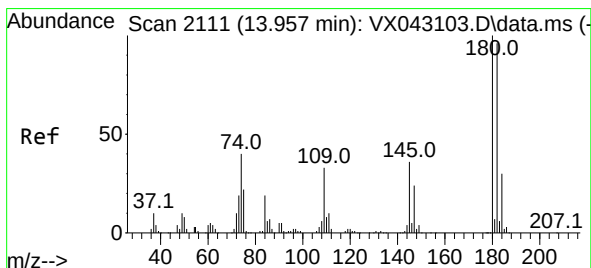
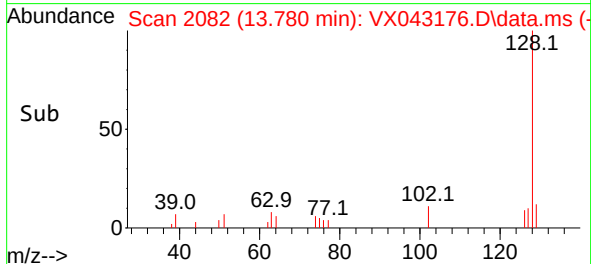
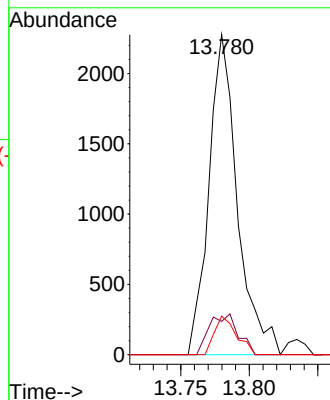
Tgt Ion:128 Resp: 3293

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 9.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.341 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX043176.D

Acq: 26 Sep 2024 14:25

Tgt Ion:180 Resp: 461

Ion Ratio Lower Upper

180 100

182 115.2 47.8 143.4

145 29.7 17.7 53.1

