

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023092.D
 Acq On : 01 Jul 2021 18:01
 Operator : JC/MD
 Sample : M2852-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MANHOLE-WC-D

Quant Time: Jul 02 04:31:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

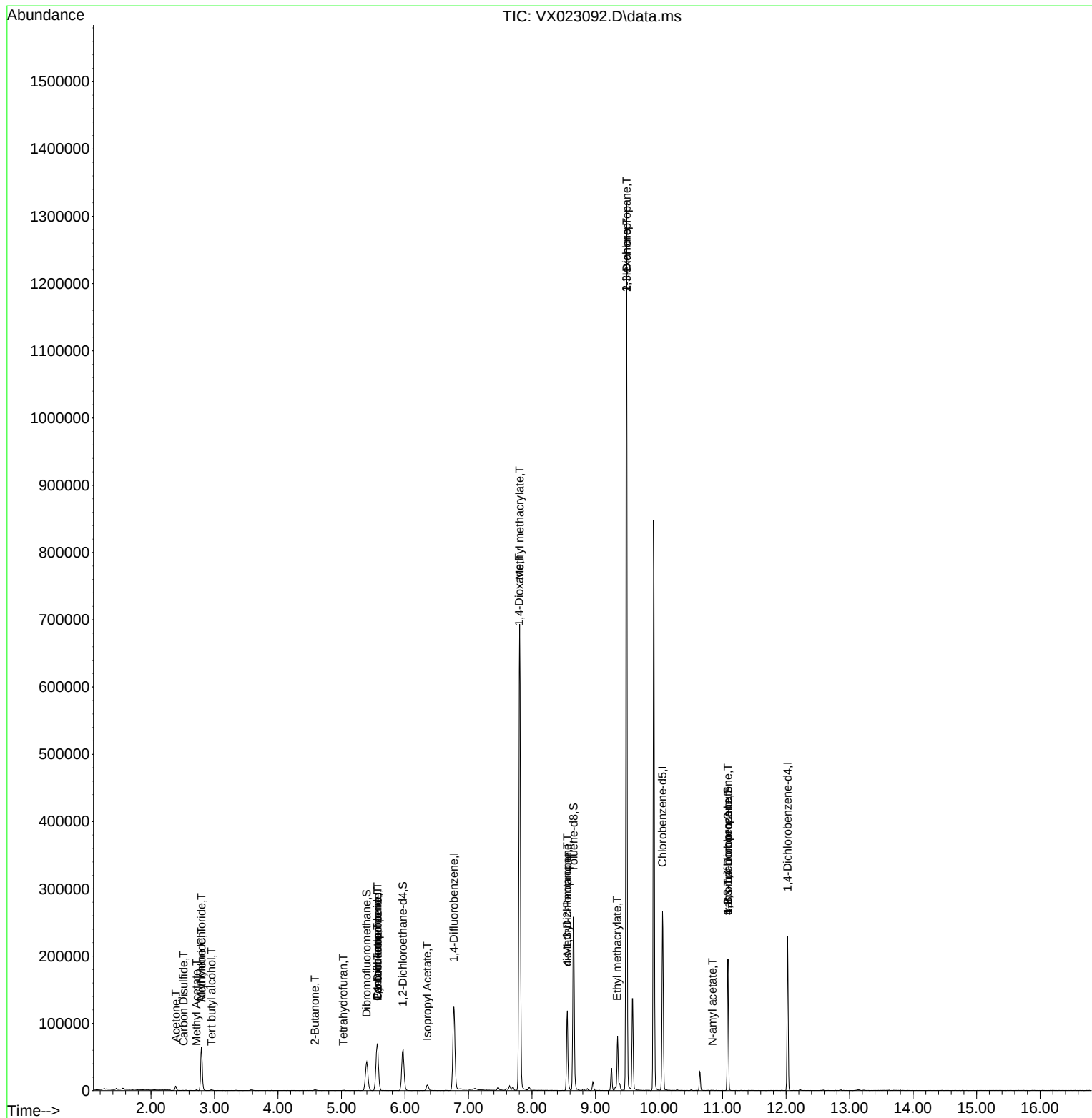
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

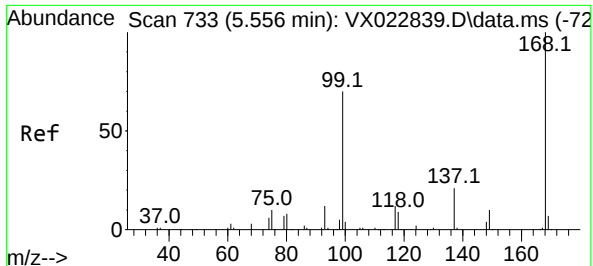
Internal Standards						
1) Pentafluorobenzene	5.568	168	50344	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.769	114	106953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61073	66.846	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 133.700%#			
35) Dibromofluoromethane	5.397	113	35001	51.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.060%			
50) Toluene-d8	8.653	98	138809	52.148	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.300%			
62) 4-Bromofluorobenzene	11.085	95	52145	52.491	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.980%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	825	4.333	ug/l #	73
14) Allyl chloride	2.794	41	1111	0.895	ug/l #	29
16) Acetone	2.392	43	6717	16.584	ug/l #	84
17) Carbon Disulfide	2.514	76	42	3.538	ug/l #	75
18) Methyl Acetate	2.715	43	811	0.814	ug/l	97
20) Methylene Chloride	2.794	84	24415	30.538	ug/l #	83
25) 2-Butanone	4.580	43	1495	2.374	ug/l #	82
29) Tetrahydrofuran	5.025	42	369	0.911	ug/l #	35
31) Cyclohexane	5.562	56	2192	1.699	ug/l #	26
36) 1,1-Dichloropropene	5.568	75	6404	5.637	ug/l #	50
38) Carbon Tetrachloride	5.568	117	6894	7.235	ug/l #	15
43) Isopropyl Acetate	6.348	43	11399	5.388	ug/l #	88
48) Methyl methacrylate	7.805	41	65473	66.867	ug/l #	37
49) 1,4-Dioxane	7.799	88	22	1.044	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	42003	31.900	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	16450	13.442	ug/l #	74
56) Ethyl methacrylate	9.342	69	516	2.913	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	9889	6.847	ug/l #	42
59) 2-Hexanone	9.488	43	162085	162.260	ug/l #	42
74) N-amyl acetate	10.841	43	342	2.250	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	31394	33.825	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	31394	85.976	ug/l #	12

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

Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-WC-D

Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-WC-D

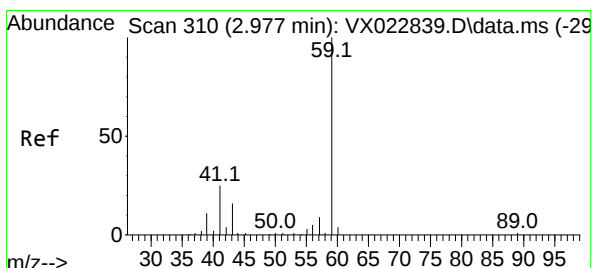
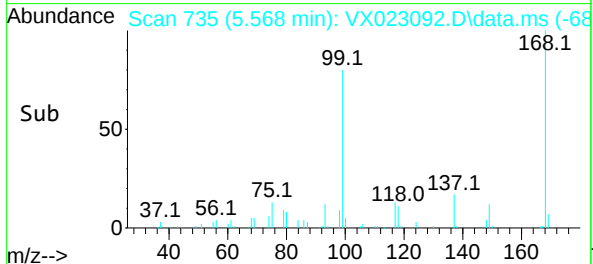
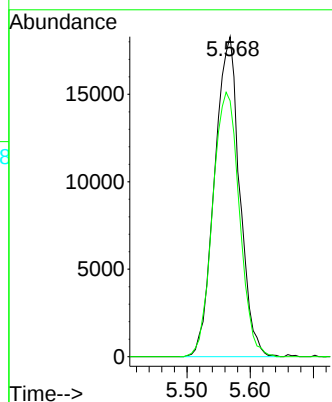
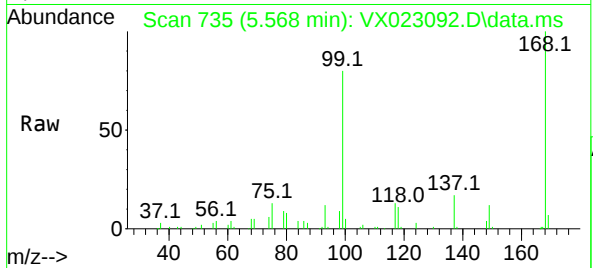




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

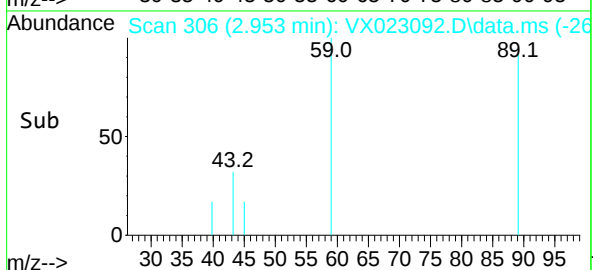
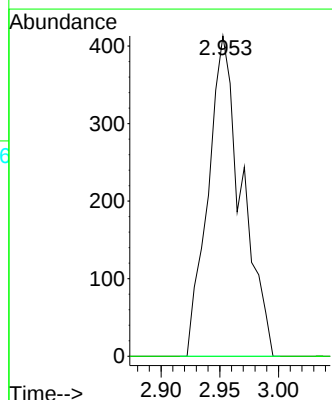
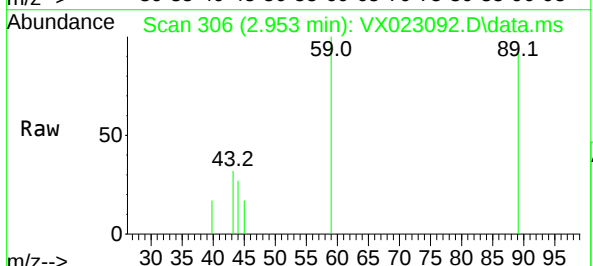
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-WC-D

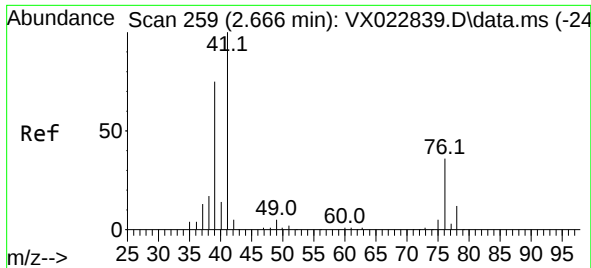
Tgt Ion:168 Resp: 50344
Ion Ratio Lower Upper
168 100
99 80.0 45.8 68.6#



#11
Tert butyl alcohol
Concen: 4.333 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Tgt Ion: 59 Resp: 825
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

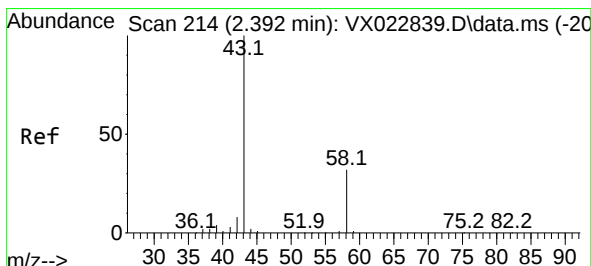
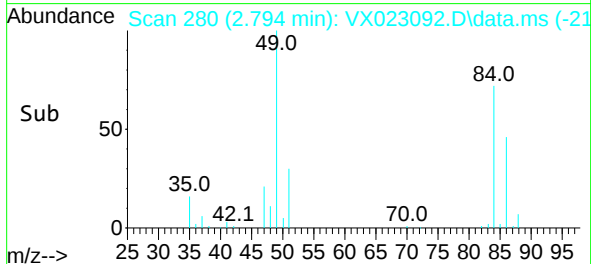
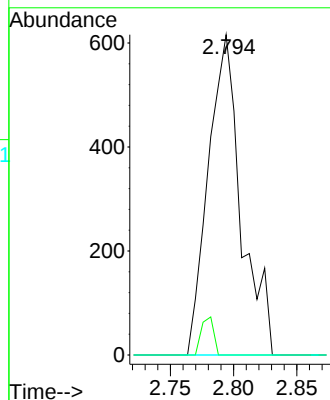
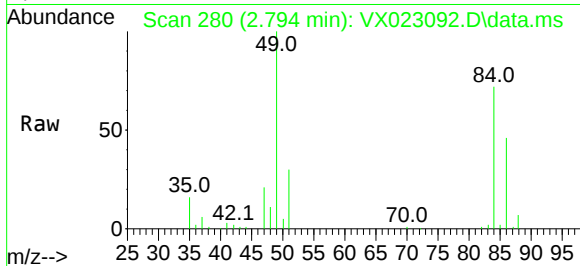




#14
 Allyl chloride
 Concen: 0.895 ug/l
 RT: 2.794 min Scan# 280
 Delta R.T. 0.128 min
 Lab File: VX023092.D
 Acq: 01 Jul 2021 18:01

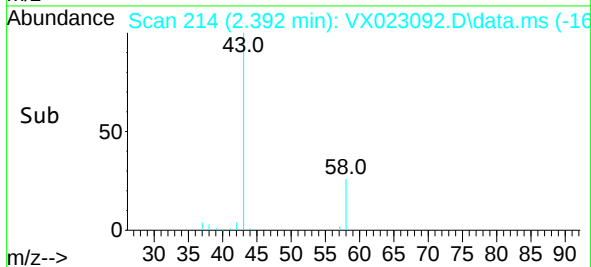
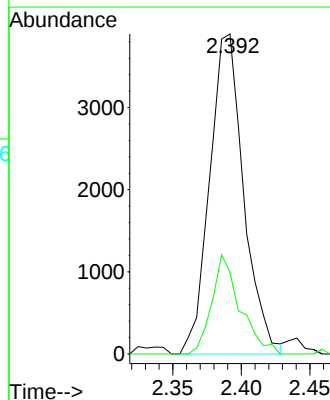
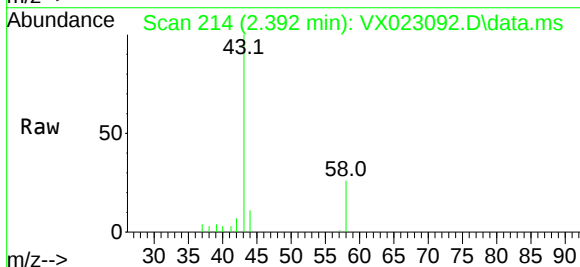
Instrument :
 MSVOA_X
 ClientSampleId :
 MANHOLE-WC-D

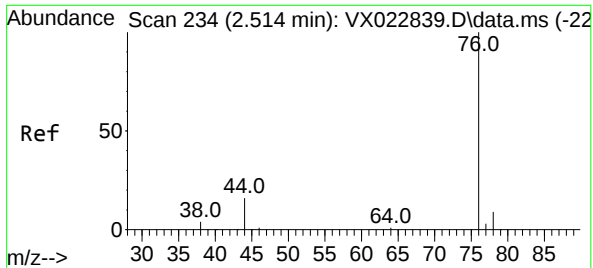
Tgt Ion: 41 Resp: 1111
 Ion Ratio Lower Upper
 41 100
 39 4.5 51.6 77.4#
 76 0.0 30.5 45.7#



#16
 Acetone
 Concen: 16.584 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VX023092.D
 Acq: 01 Jul 2021 18:01

Tgt Ion: 43 Resp: 6717
 Ion Ratio Lower Upper
 43 100
 58 25.5 27.8 41.8#

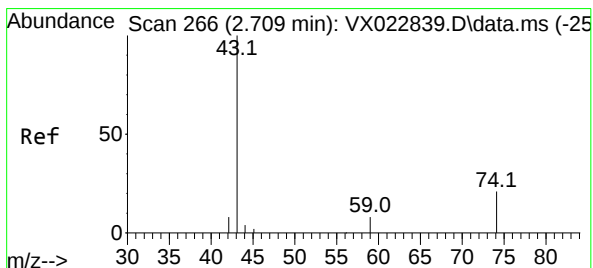
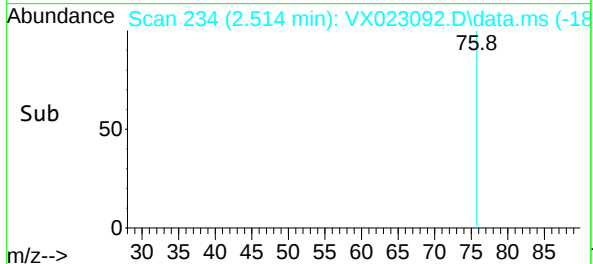
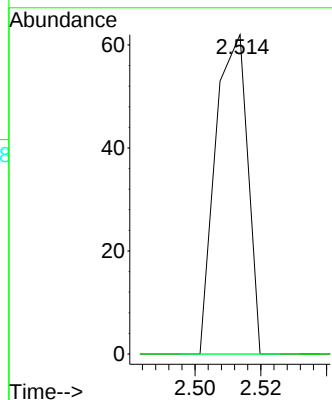
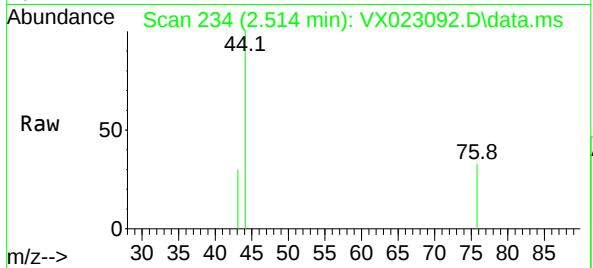




#17
Carbon Disulfide
Concen: 3.538 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

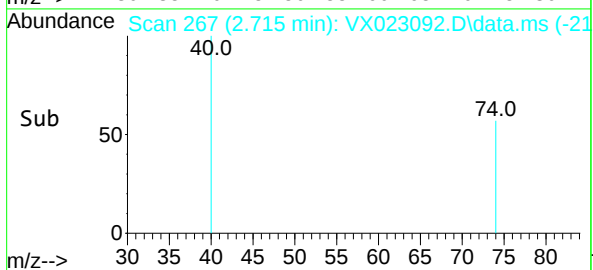
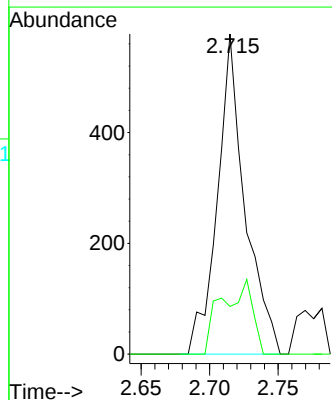
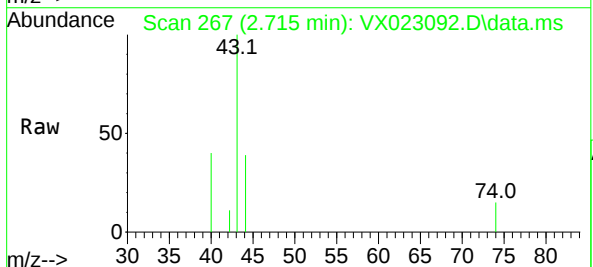
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-WC-D

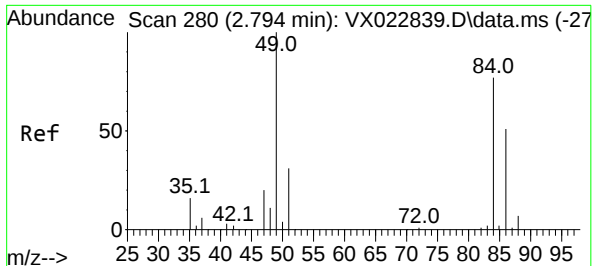
Tgt Ion: 76 Resp: 42
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.814 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
74 25.9 21.9 32.9





#20

Methylene Chloride

Concen: 30.538 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023092.D

Acq: 01 Jul 2021 18:01

Tgt Ion: 84 Resp: 24415

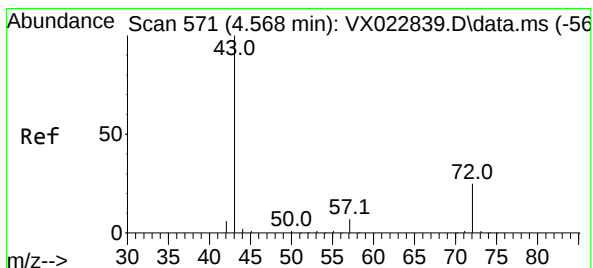
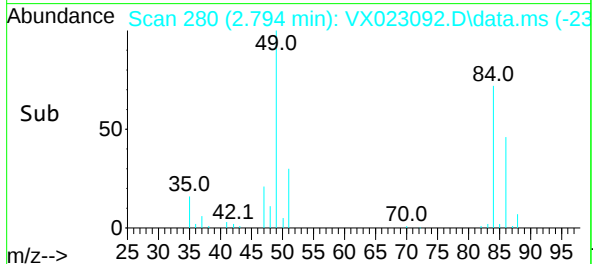
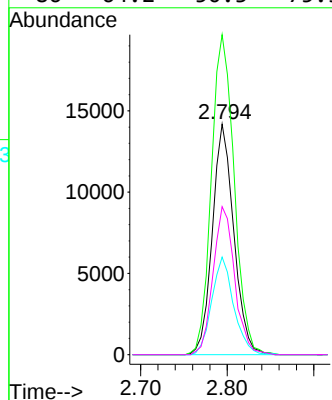
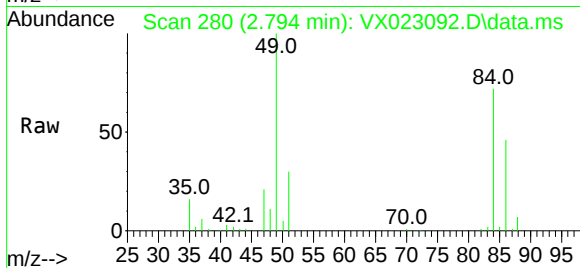
Ion Ratio Lower Upper

84 100

49 138.8 88.6 132.8#

51 42.3 27.0 40.6#

86 64.2 50.3 75.5



#25

2-Butanone

Concen: 2.374 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX023092.D

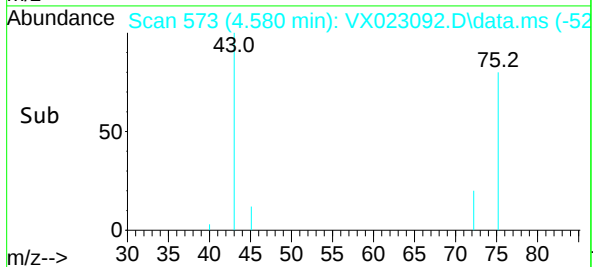
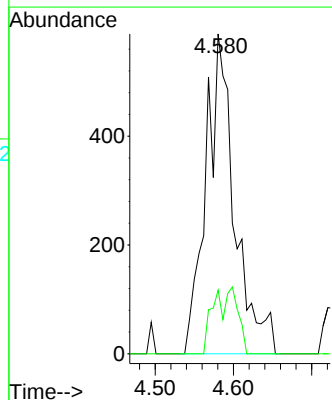
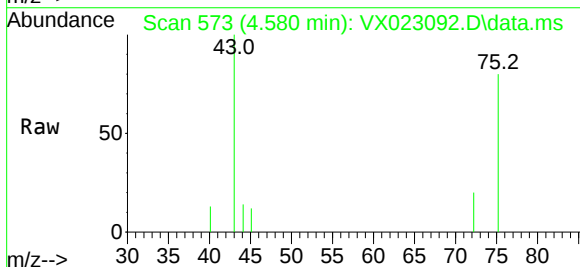
Acq: 01 Jul 2021 18:01

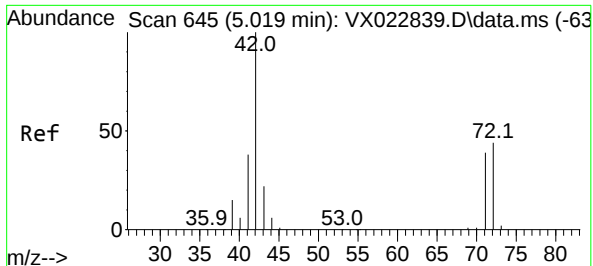
Tgt Ion: 43 Resp: 1495

Ion Ratio Lower Upper

43 100

72 19.9 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.911 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.006 min

Lab File: VX023092.D

Acq: 01 Jul 2021 18:01

Tgt Ion: 42 Resp: 369

Ion Ratio Lower Upper

42 100

72 10.0 41.7 62.5#

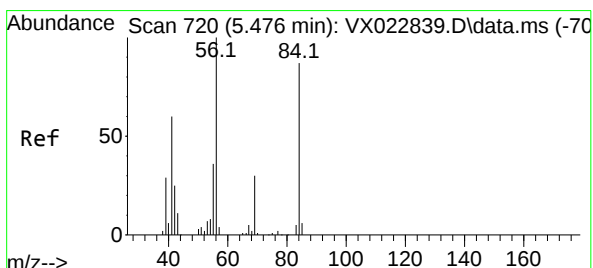
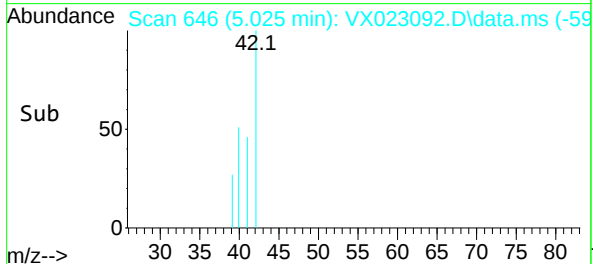
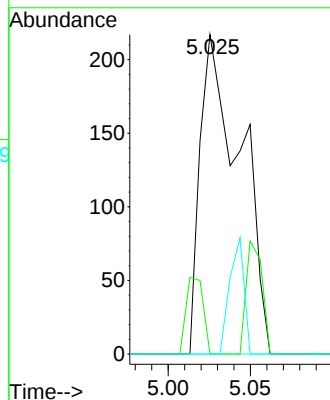
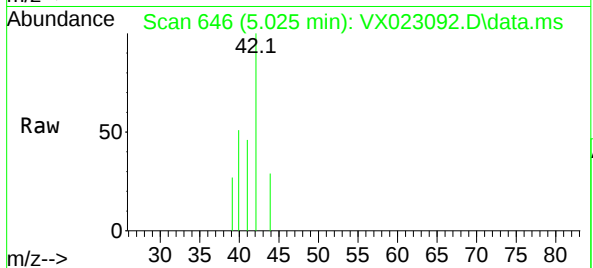
71 0.0 38.4 57.6#

Instrument :

MSVOA_X

ClientSampleId :

MANHOLE-WC-D



#31

Cyclohexane

Concen: 1.699 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX023092.D

Acq: 01 Jul 2021 18:01

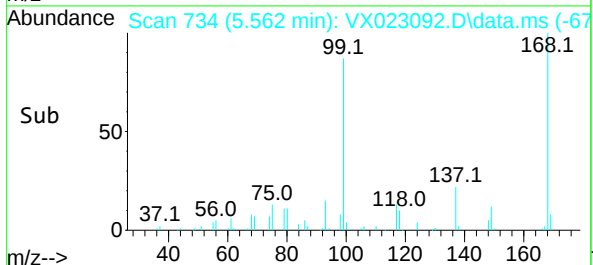
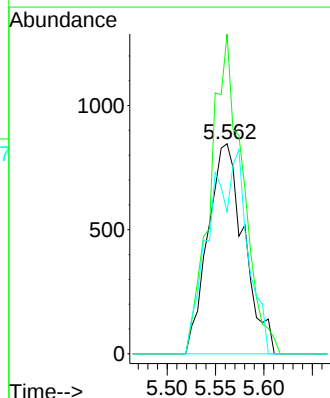
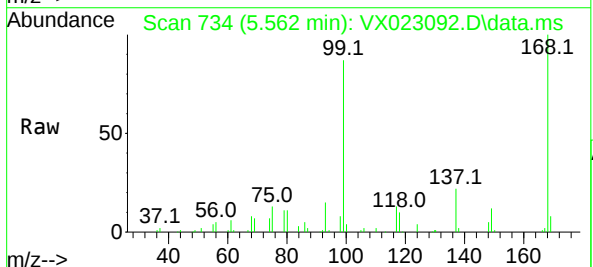
Tgt Ion: 56 Resp: 2192

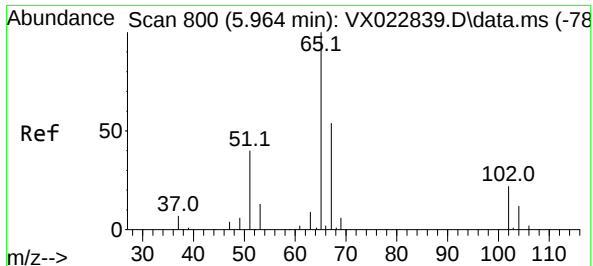
Ion Ratio Lower Upper

56 100

69 152.2 25.3 37.9#

84 67.6 71.4 107.0#



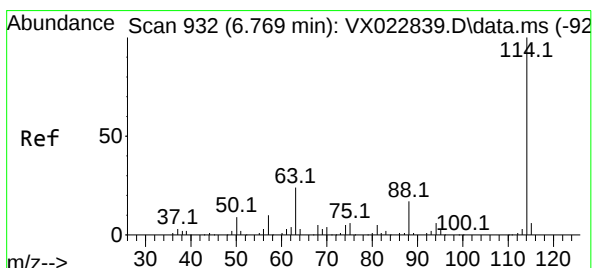
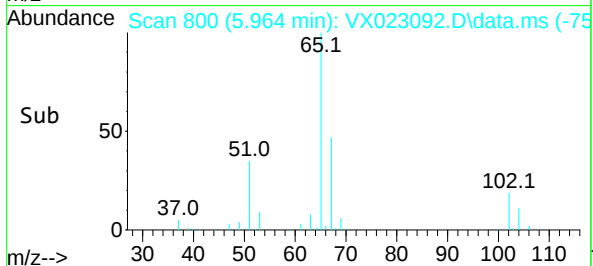
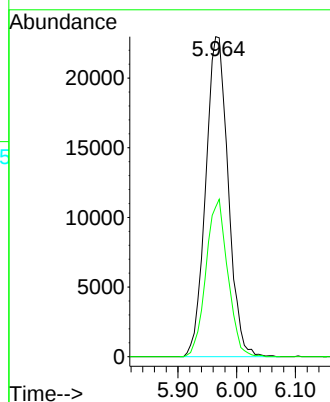
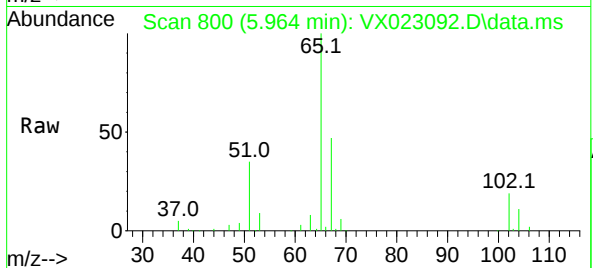


#33

1,2-Dichloroethane-d4
Concen: 66.846 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-WC-D

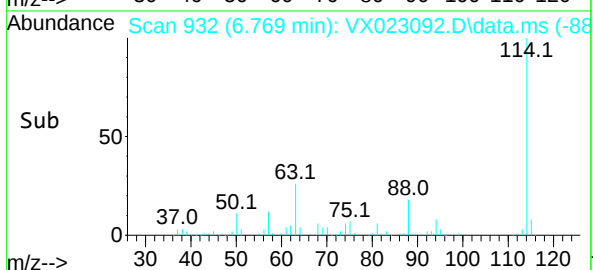
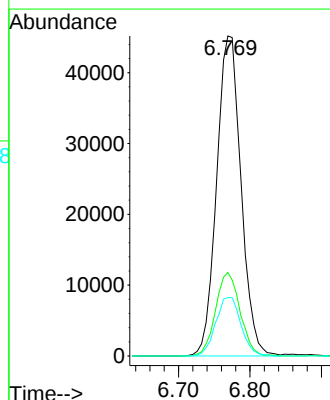
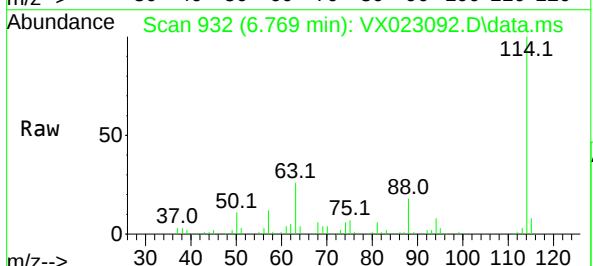
Tgt Ion: 65 Resp: 61073
Ion Ratio Lower Upper
65 100
67 47.7 0.0 105.4

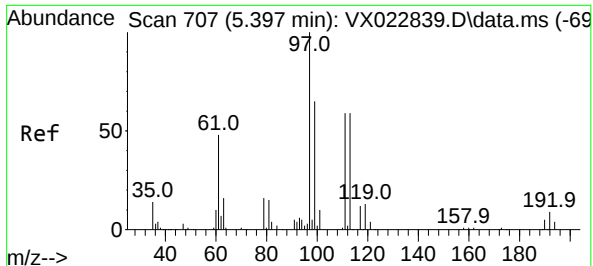


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Tgt Ion: 114 Resp: 106953
Ion Ratio Lower Upper
114 100
63 26.1 0.0 40.8
88 18.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.534 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023092.D

Acq: 01 Jul 2021 18:01

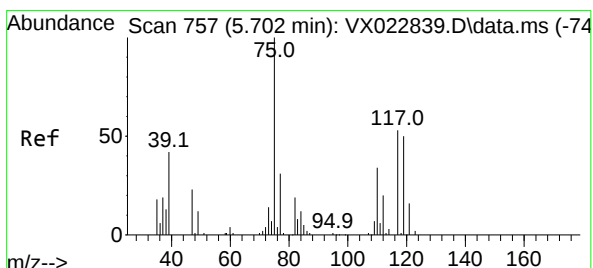
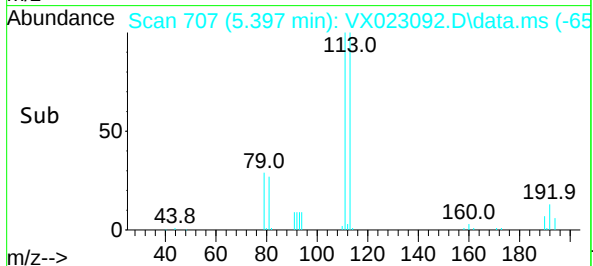
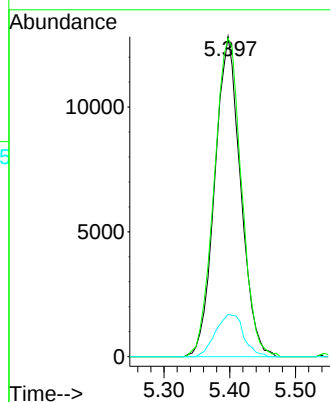
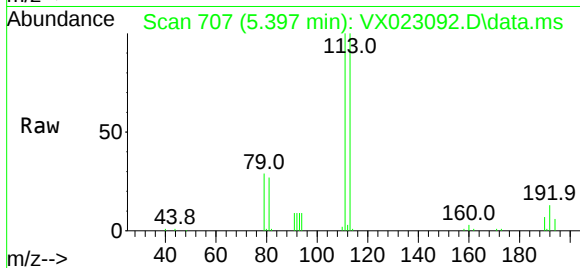
Tgt Ion:113 Resp: 35001

Ion Ratio Lower Upper

113 100

111 105.1 81.9 122.9

192 14.4 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.637 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX023092.D

Acq: 01 Jul 2021 18:01

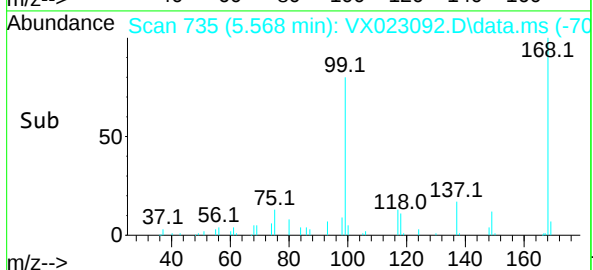
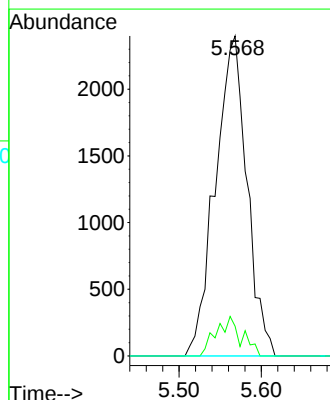
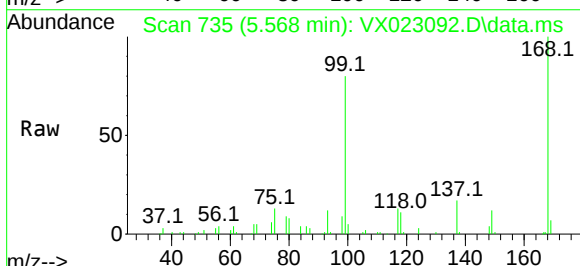
Tgt Ion: 75 Resp: 6404

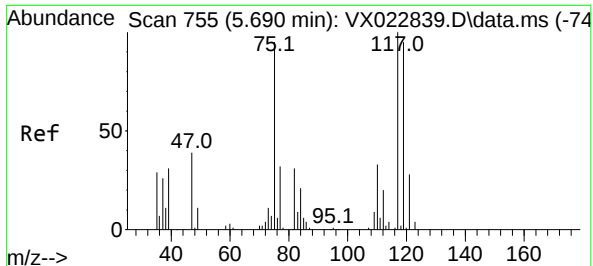
Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.4#

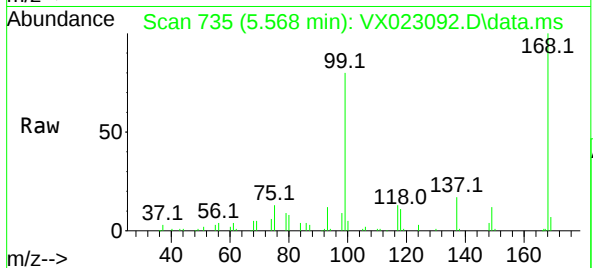
77 0.0 25.3 37.9#



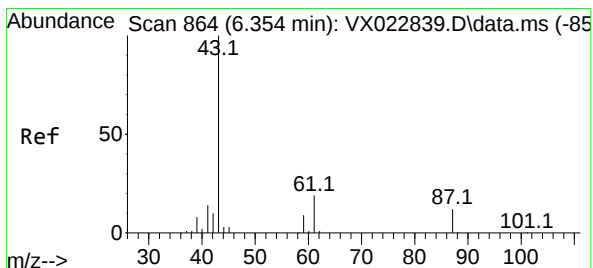
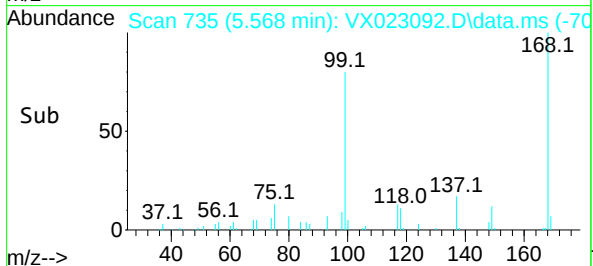
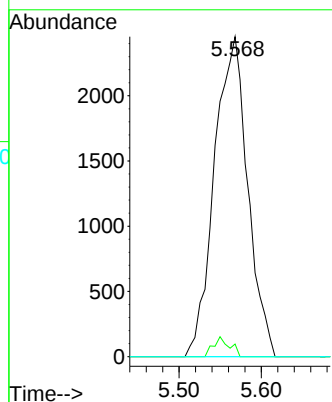


#38
Carbon Tetrachloride
Concen: 7.235 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-WC-D

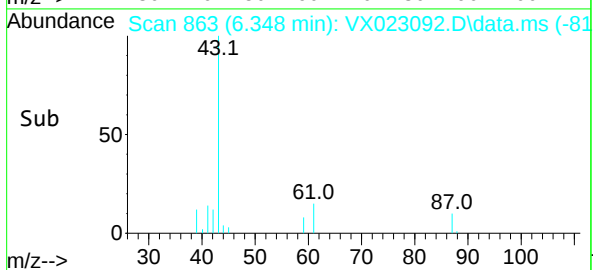
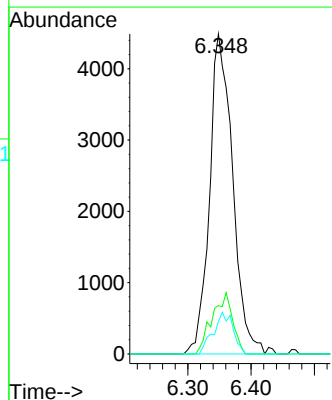
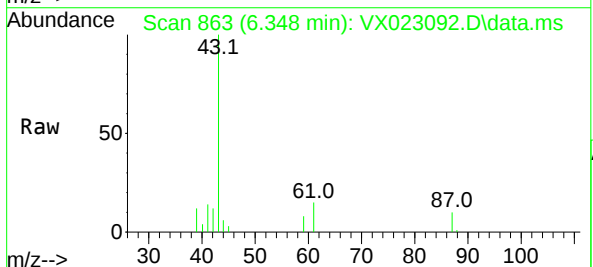


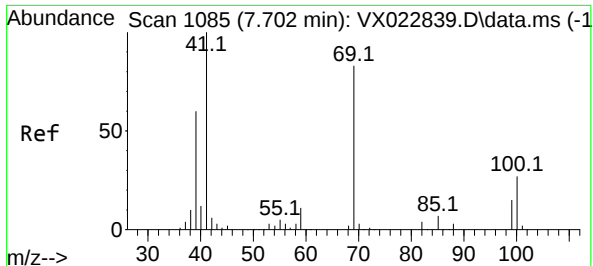
Tgt Ion:117 Resp: 6894
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 5.388 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Tgt Ion: 43 Resp: 11399
Ion Ratio Lower Upper
43 100
61 16.9 18.2 27.4#
87 11.1 12.5 18.7#

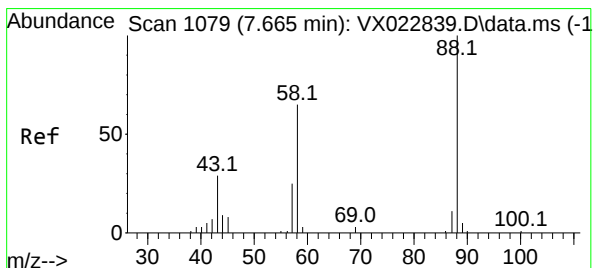
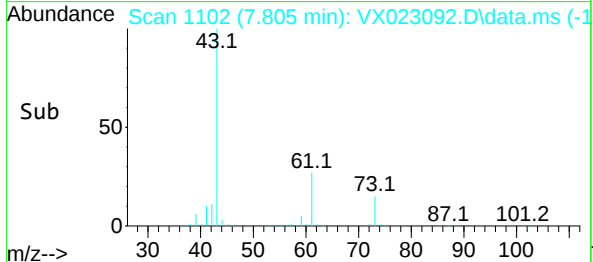
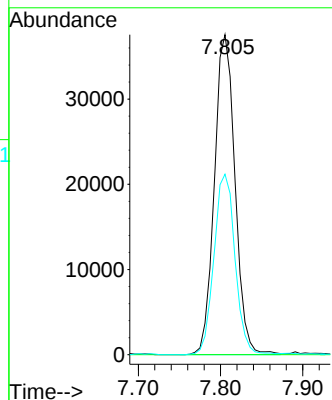
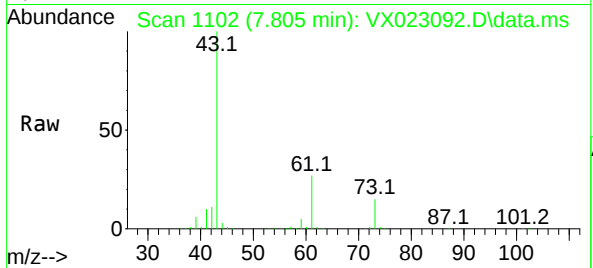




#48
Methyl methacrylate
Concen: 66.867 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.103 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

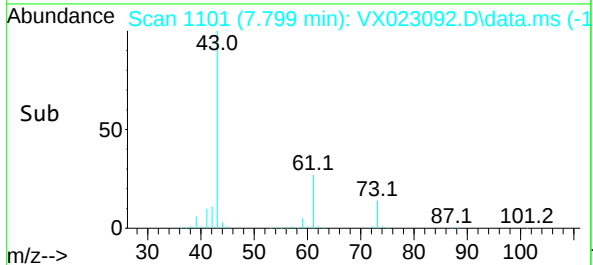
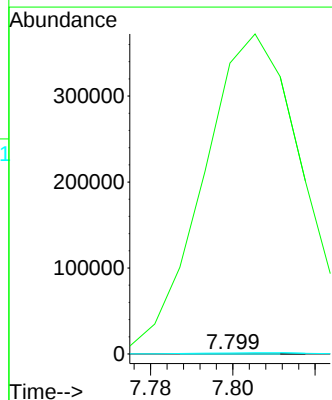
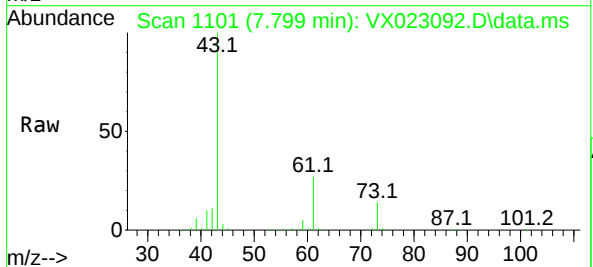
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-WC-D

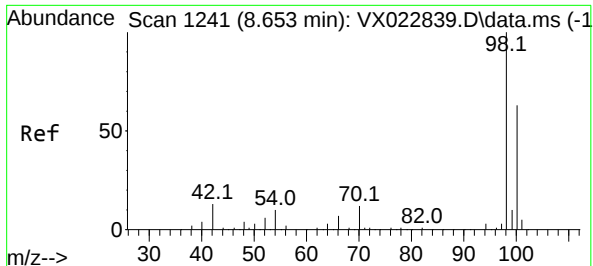
Tgt Ion: 41 Resp: 65473
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 57.8 44.6 67.0



#49
1,4-Dioxane
Concen: 1.044 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 2919331.8 23.2 34.8#
58 12322.7 55.0 82.4#

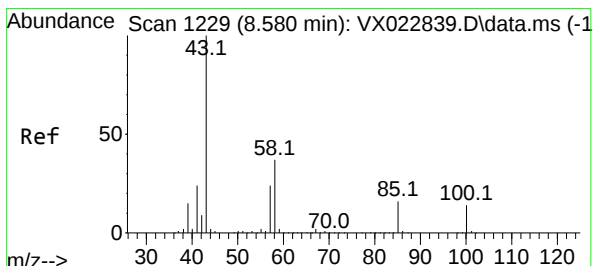
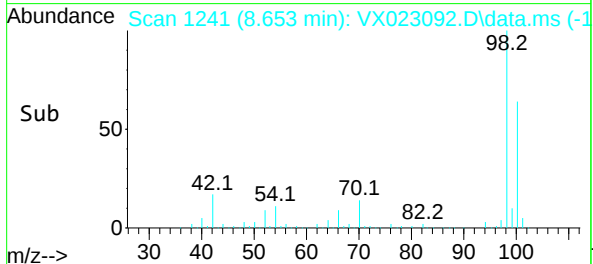
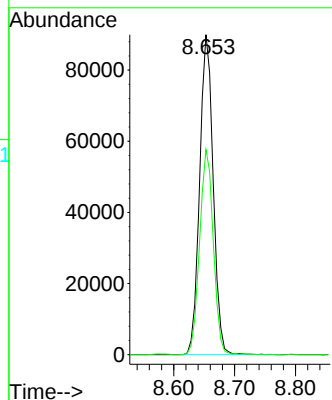
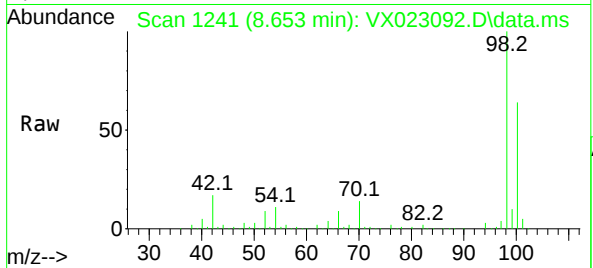




#50
Toluene-d8
Concen: 52.148 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

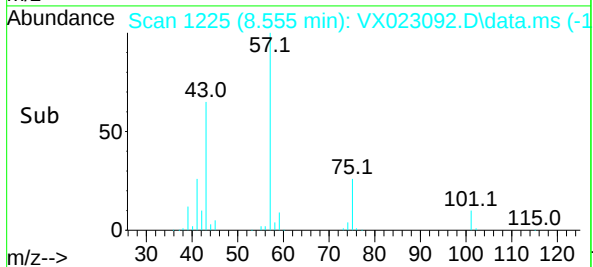
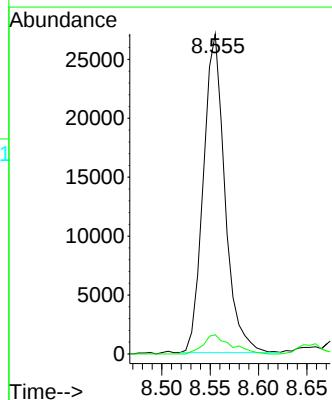
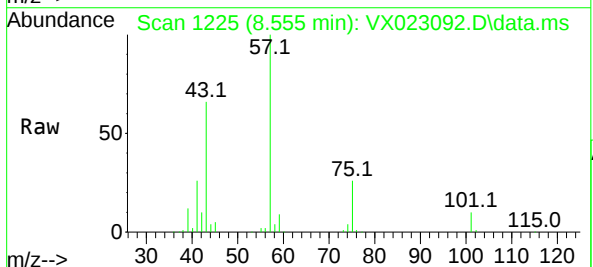
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-WC-D

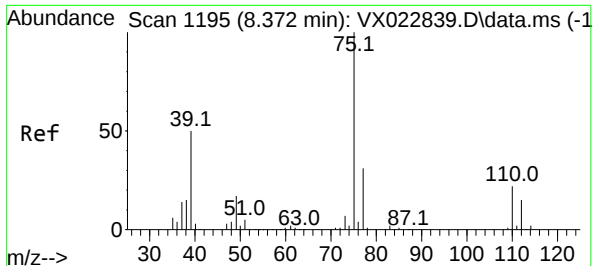
Tgt Ion: 98 Resp: 138809
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 31.900 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Tgt Ion: 43 Resp: 42003
Ion Ratio Lower Upper
43 100
58 7.7 35.4 53.0#

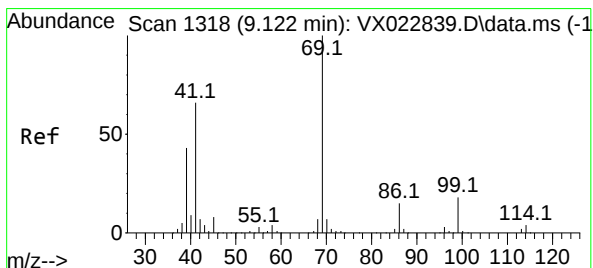
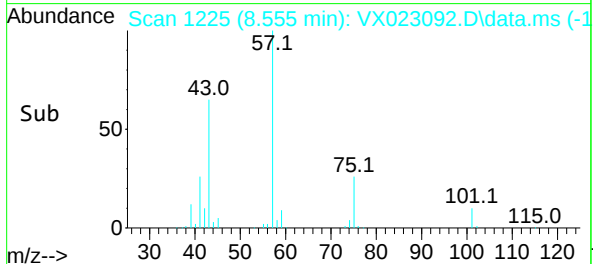
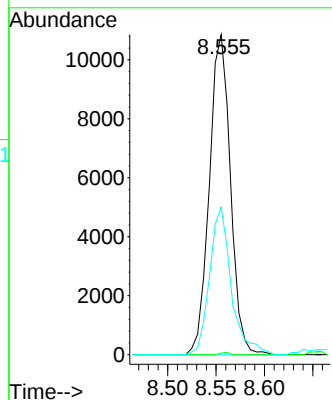
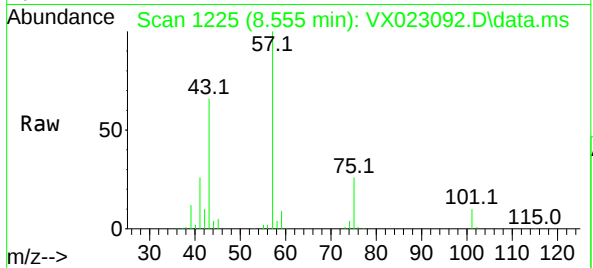




#54
cis-1,3-Dichloropropene
Concen: 13.442 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

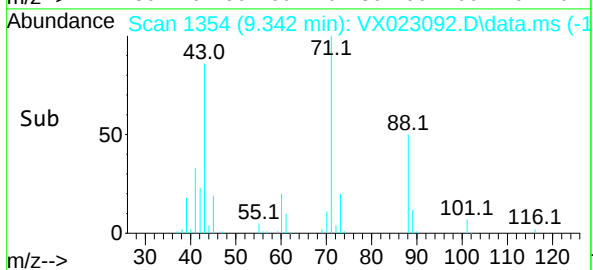
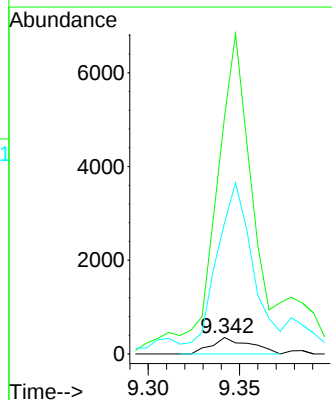
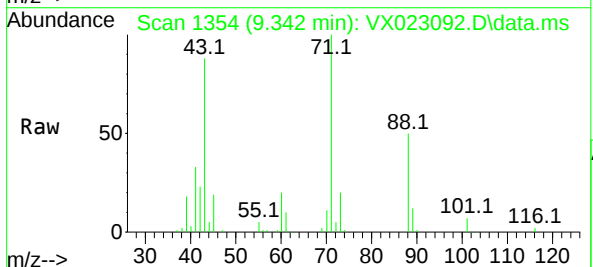
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-WC-D

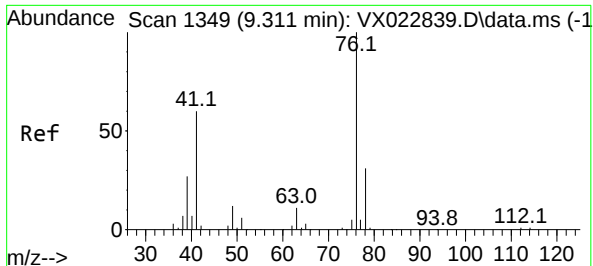
Tgt Ion: 75 Resp: 16450
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 46.1 35.1 52.7



#56
Ethyl methacrylate
Concen: 2.913 ug/l
RT: 9.342 min Scan# 1354
Delta R.T. 0.220 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Tgt Ion: 69 Resp: 516
Ion Ratio Lower Upper
69 100
41 1804.1 46.8 70.2#
39 866.9 24.7 37.1#



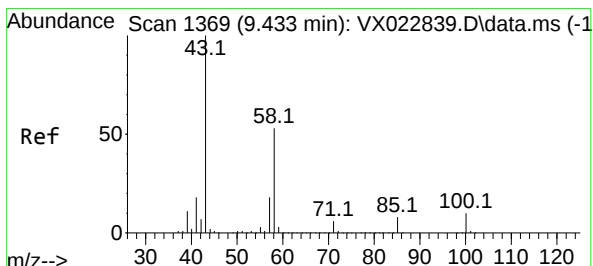
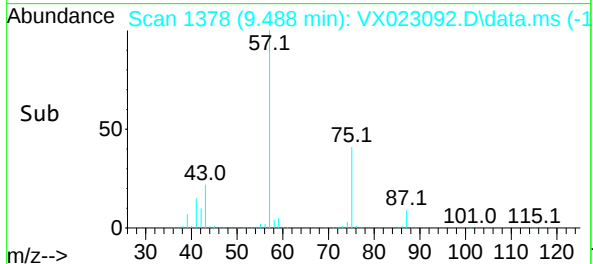
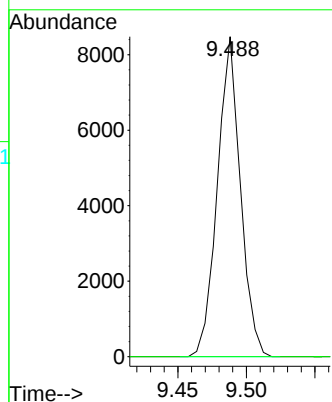
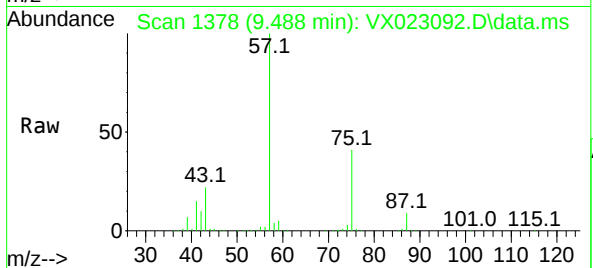


#57

1,3-Dichloropropane
Concen: 6.847 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-WC-D

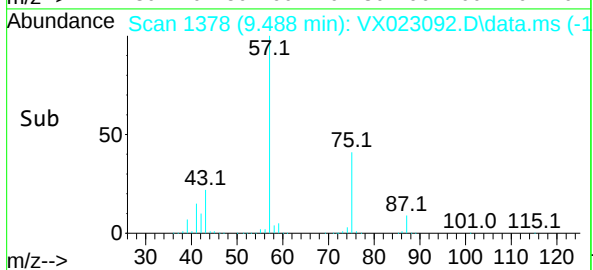
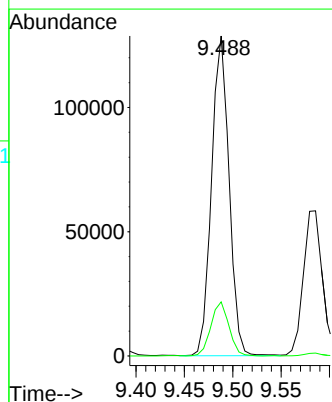
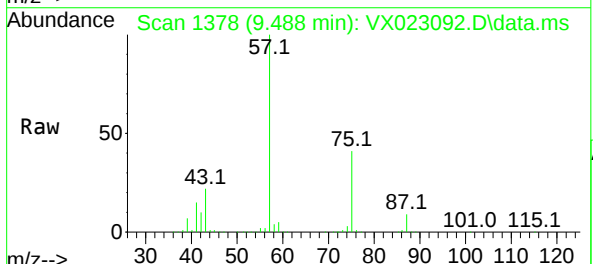
Tgt Ion: 76 Resp: 9889
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

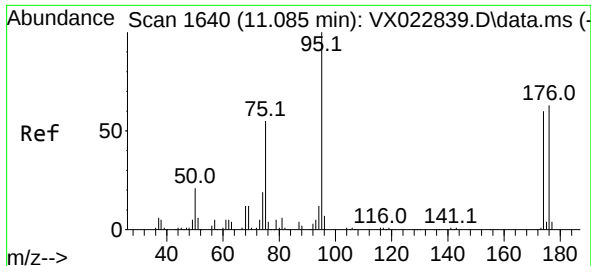


#59

2-Hexanone
Concen: 162.260 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Tgt Ion: 43 Resp: 162085
Ion Ratio Lower Upper
43 100
58 17.5 30.9 92.8#

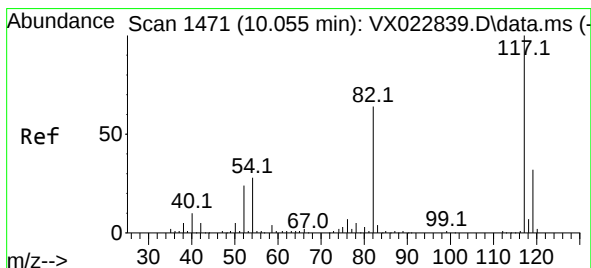
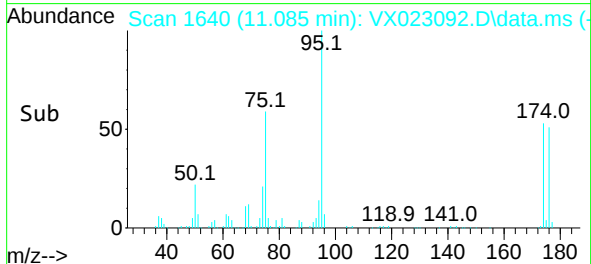
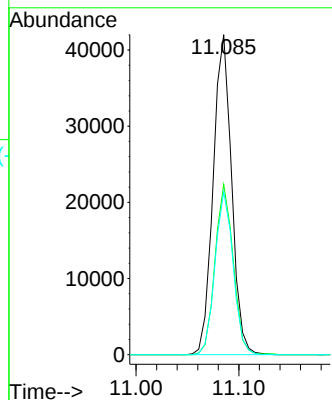
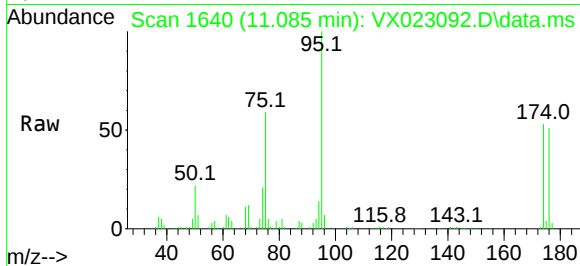




#62
4-Bromofluorobenzene
Concen: 52.491 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

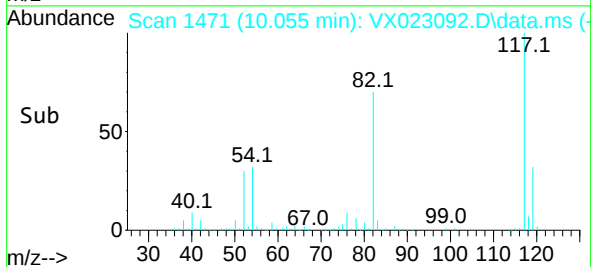
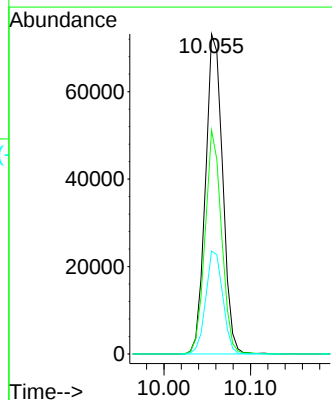
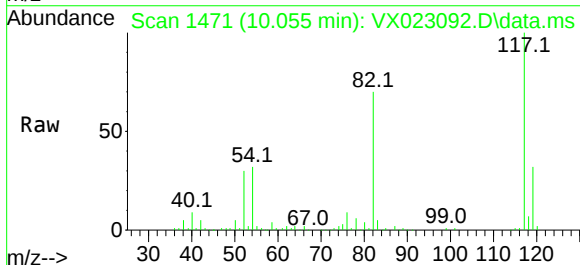
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-WC-D

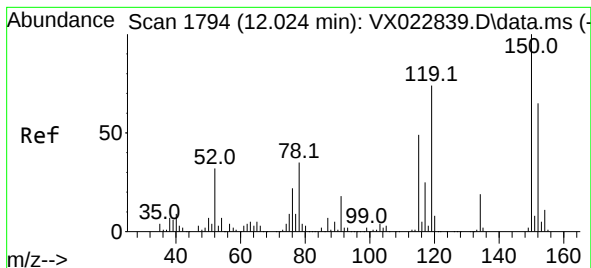
Tgt Ion: 95 Resp: 52145
Ion Ratio Lower Upper
95 100
174 52.5 0.0 154.6
176 50.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Tgt Ion: 117 Resp: 100734
Ion Ratio Lower Upper
117 100
82 69.9 47.4 71.2
119 32.2 26.6 39.8

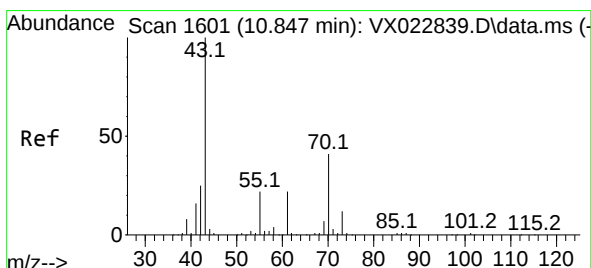
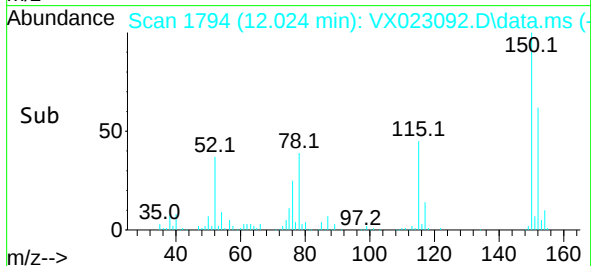
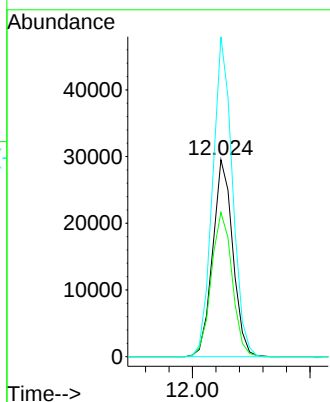
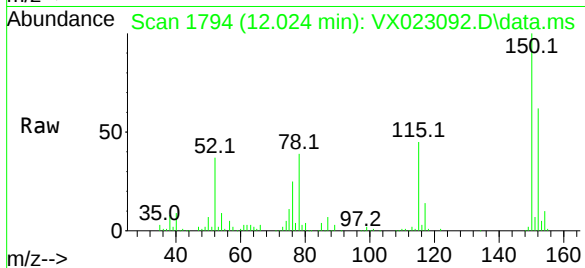




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

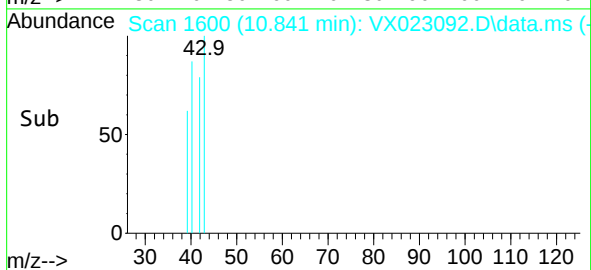
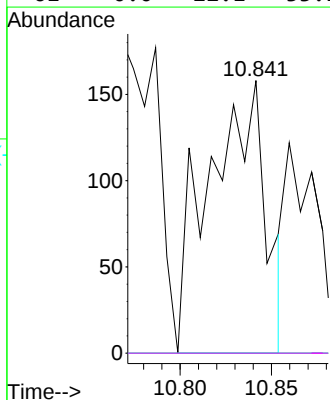
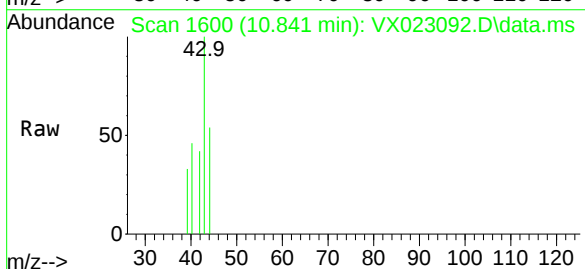
Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-WC-D

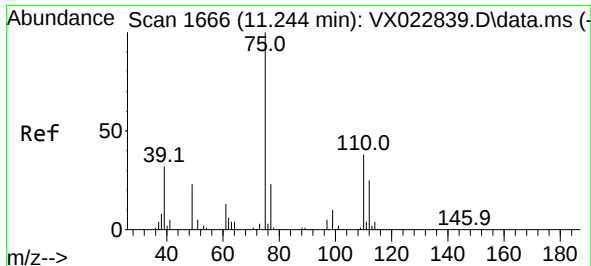
Tgt Ion:152 Resp: 35138
Ion Ratio Lower Upper
152 100
115 75.5 41.1 123.3
150 159.9 0.0 349.0



#74
N-ethyl acetate
Concen: 2.250 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Tgt Ion: 43 Resp: 342
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

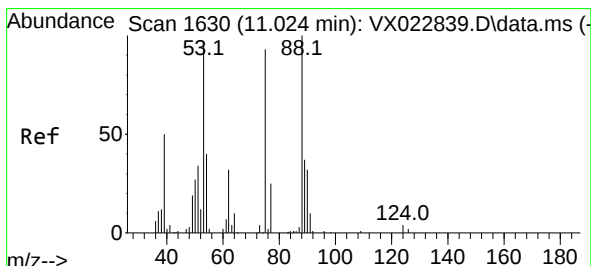
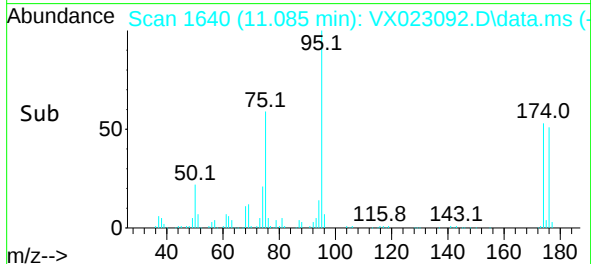
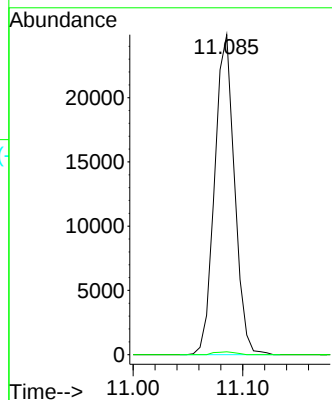
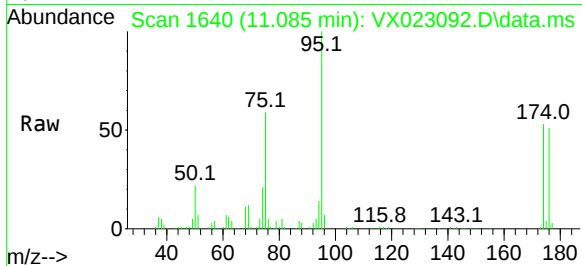




#76
1,2,3-Trichloropropane
Concen: 33.825 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Instrument :
MSVOA_X
ClientSampleId :
MANHOLE-WC-D

Tgt Ion: 75 Resp: 31394
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.976 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023092.D
Acq: 01 Jul 2021 18:01

Tgt Ion: 75 Resp: 31394
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

