

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031325.D
 Acq On : 14 Sep 2022 22:59
 Operator : JC/MD
 Sample : N4446-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WELL-01RE

Quant Time: Sep 15 06:07:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

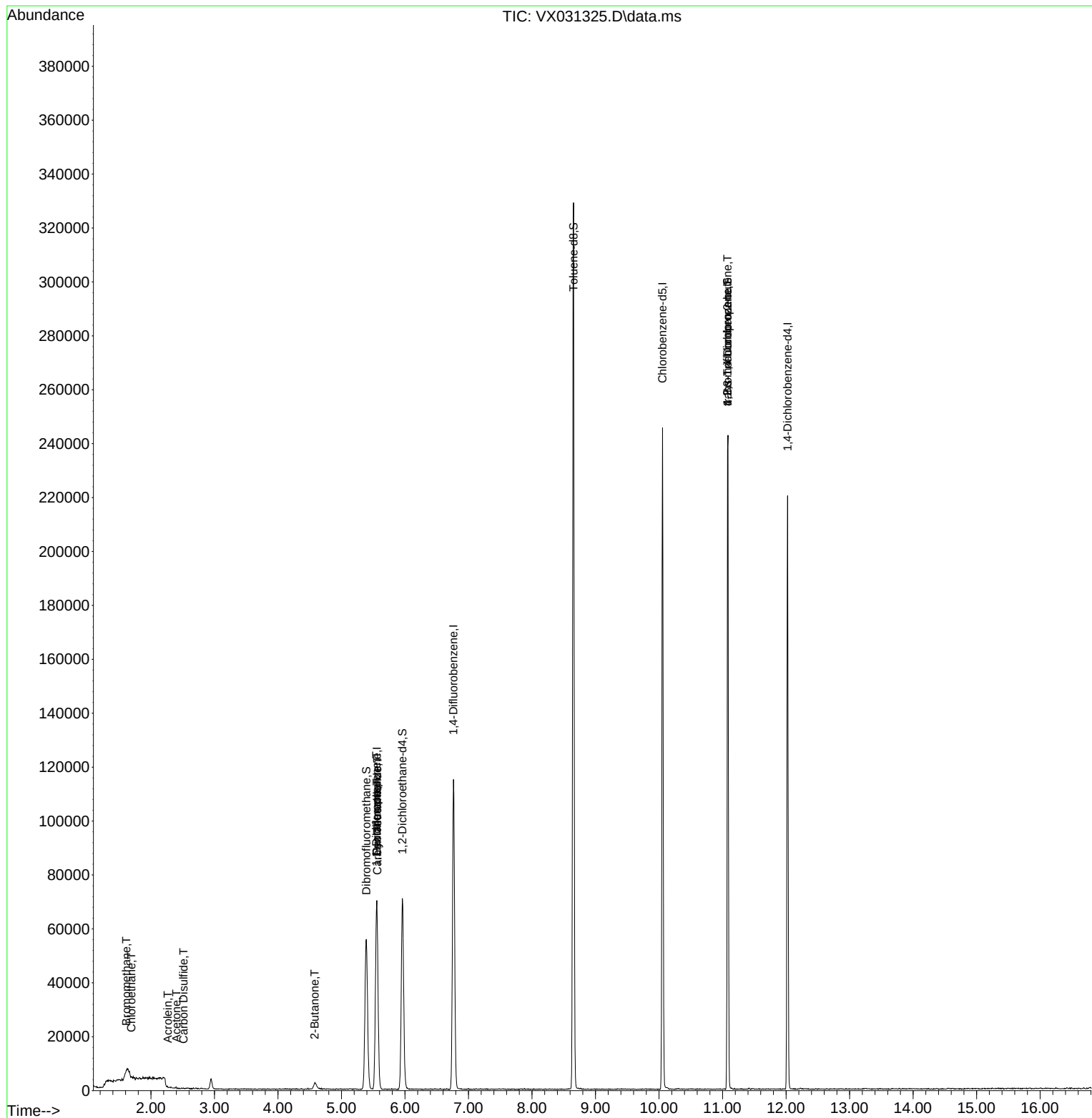
Internal Standards						
1) Pentafluorobenzene	5.556	168	61569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	109728	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65397	43.274	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.540%
35) Dibromofluoromethane	5.391	113	46777	39.658	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	79.320%
50) Toluene-d8	8.653	98	183591	41.495	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	82.980%#
62) 4-Bromofluorobenzene	11.079	95	59543	36.750	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	73.500%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	99	Below Cal	#	72
5) Bromomethane	1.611	94	240	0.298	ug/l #	21
6) Chloroethane	1.691	64	264	0.331	ug/l #	43
11) Tert butyl alcohol	2.947	59	2278	Below Cal	#	73
13) Acrolein	2.264	56	36	0.206	ug/l #	1
16) Acetone	2.398	43	786	1.218	ug/l	98
17) Carbon Disulfide	2.514	76	52	0.904	ug/l #	75
20) Methylene Chloride	2.806	84	153	Below Cal	#	33
21) trans-1,2-Dichloroethene	3.081	96	47	Below Cal	#	1
25) 2-Butanone	4.574	43	538	0.506	ug/l #	49
31) Cyclohexane	5.556	56	1914	1.179	ug/l #	49
36) 1,1-Dichloropropene	5.550	75	5943	3.681	ug/l #	46
38) Carbon Tetrachloride	5.562	117	6689	3.812	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	35160	34.749	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35160	96.151	ug/l #	11

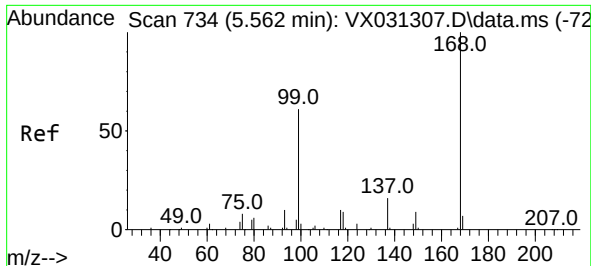
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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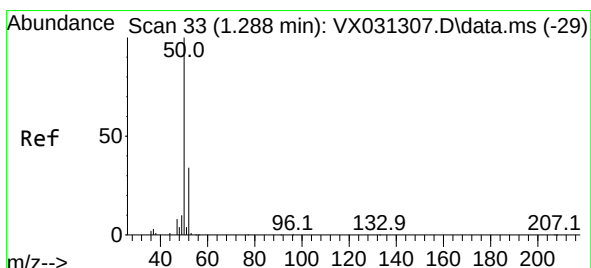
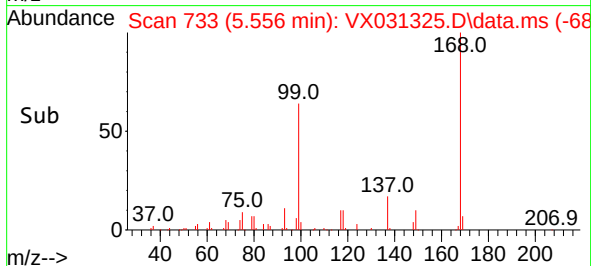
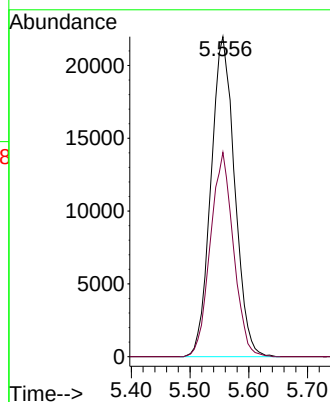
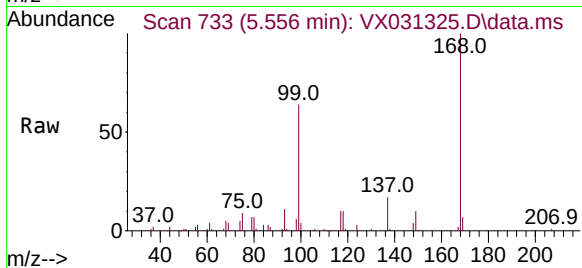




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031325.D
Acq: 14 Sep 2022 22:59

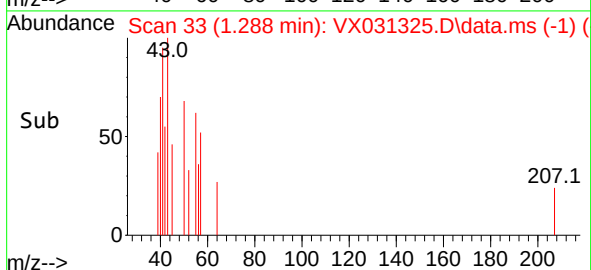
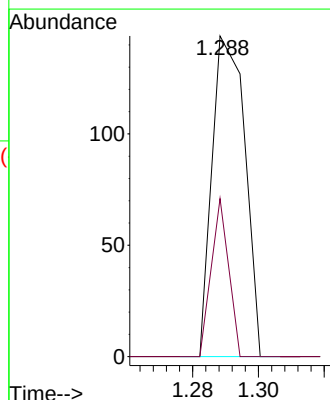
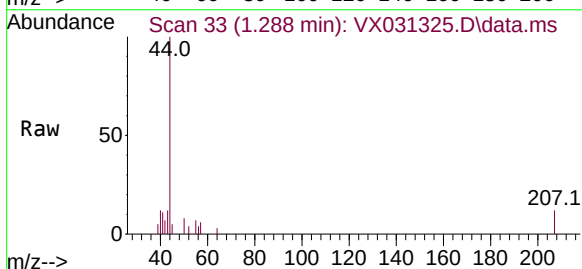
Instrument :
MSVOA_X
ClientSampleId :
WELL-01RE

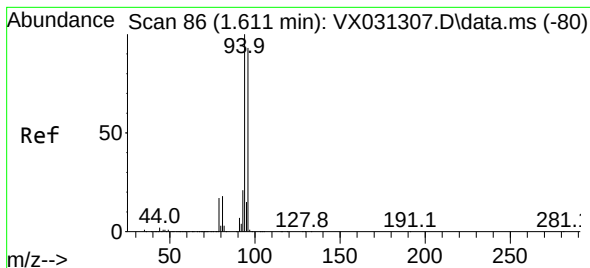
Tgt Ion:168 Resp: 61569
Ion Ratio Lower Upper
168 100
99 63.9 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031325.D
Acq: 14 Sep 2022 22:59

Tgt Ion: 50 Resp: 99
Ion Ratio Lower Upper
50 100
52 49.3 26.9 40.3#





#5

Bromomethane

Concen: 0.298 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX031325.D

Acq: 14 Sep 2022 22:59

Instrument :

MSVOA_X

ClientSampleId :

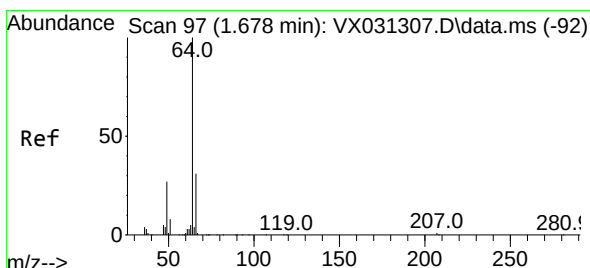
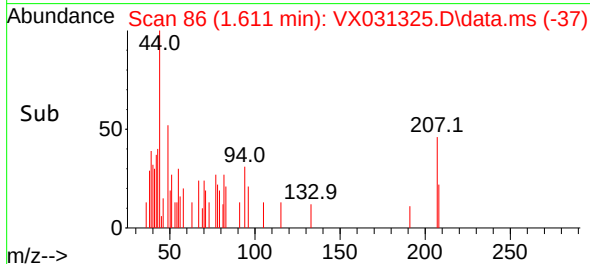
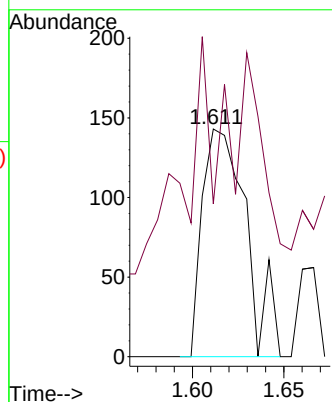
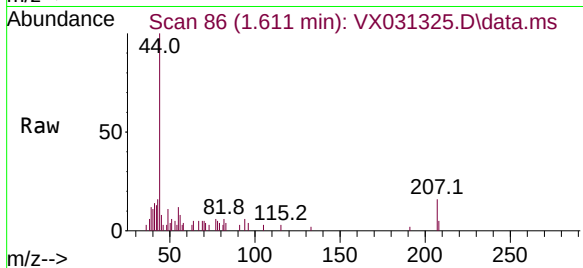
WELL-01RE

Tgt Ion: 94 Resp: 240

Ion Ratio Lower Upper

94 100

96 17.5 74.4 111.6#



#6

Chloroethane

Concen: 0.331 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.013 min

Lab File: VX031325.D

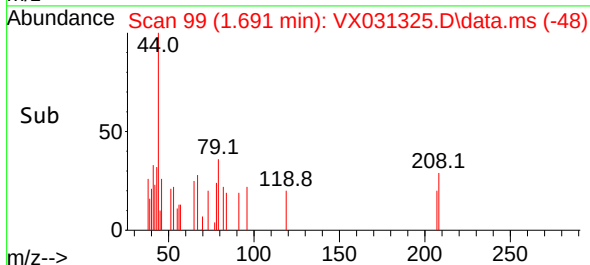
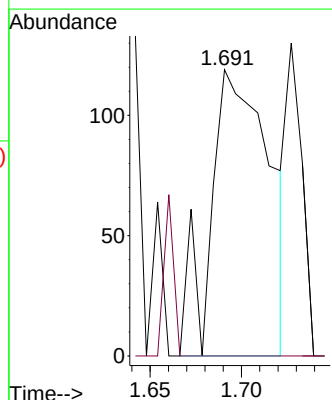
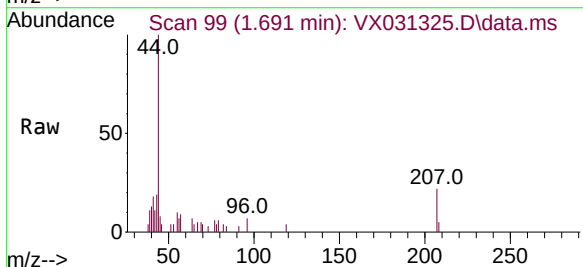
Acq: 14 Sep 2022 22:59

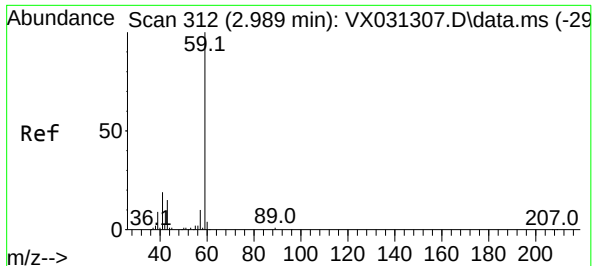
Tgt Ion: 64 Resp: 264

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX031325.D

Acq: 14 Sep 2022 22:59

Instrument :

MSVOA_X

ClientSampleId :

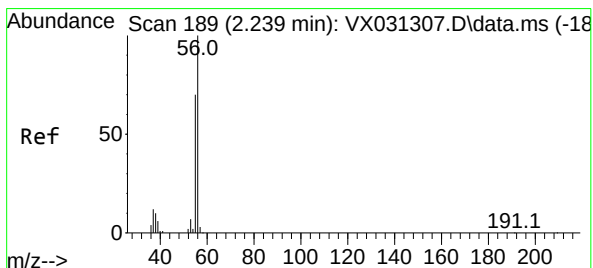
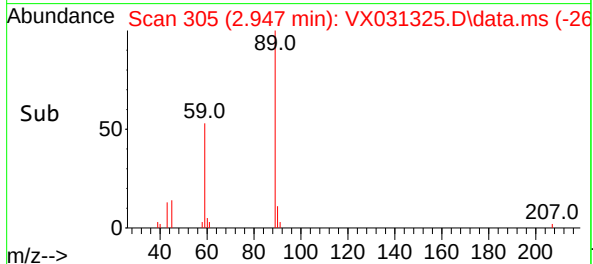
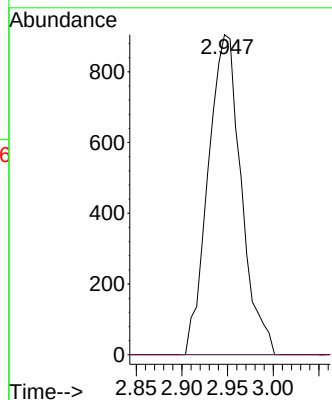
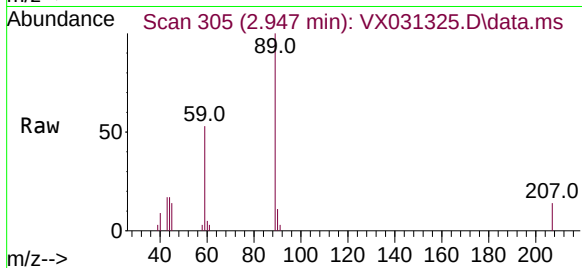
WELL-01RE

Tgt Ion: 59 Resp: 2278

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: 0.206 ug/l

RT: 2.264 min Scan# 193

Delta R.T. 0.025 min

Lab File: VX031325.D

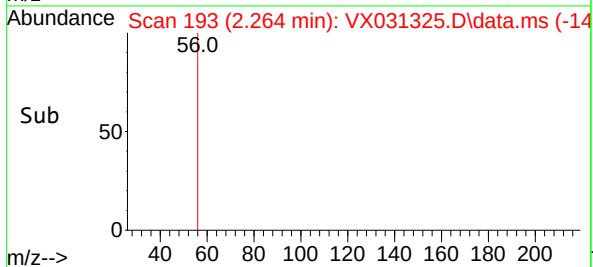
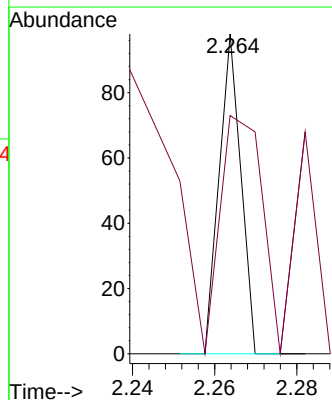
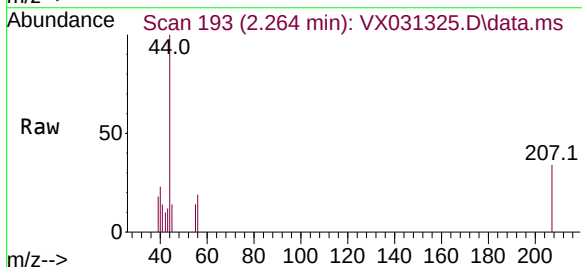
Acq: 14 Sep 2022 22:59

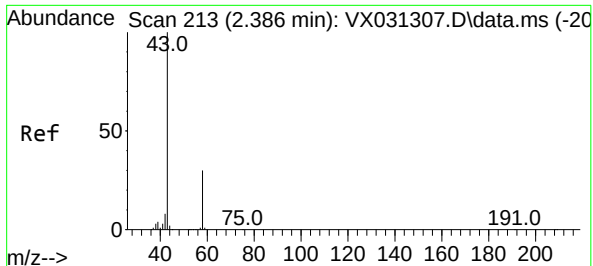
Tgt Ion: 56 Resp: 36

Ion Ratio Lower Upper

56 100

55 211.1 56.0 84.0#

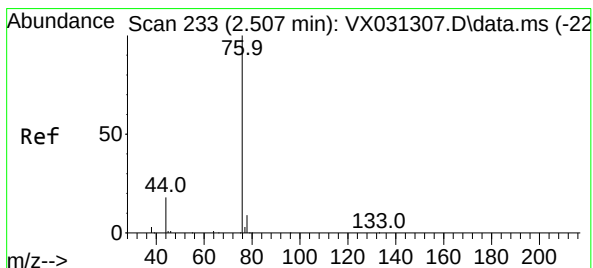
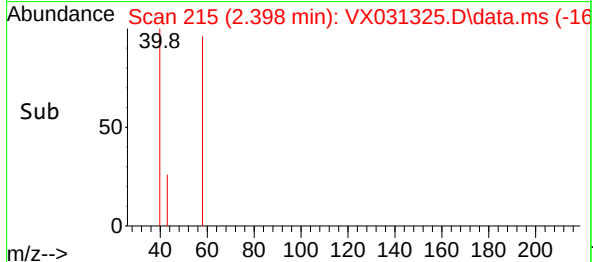
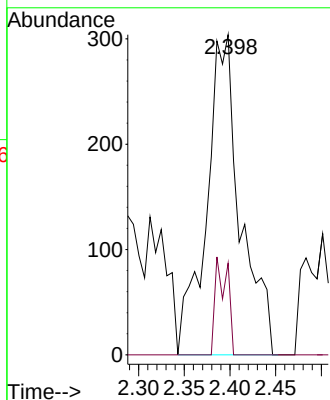
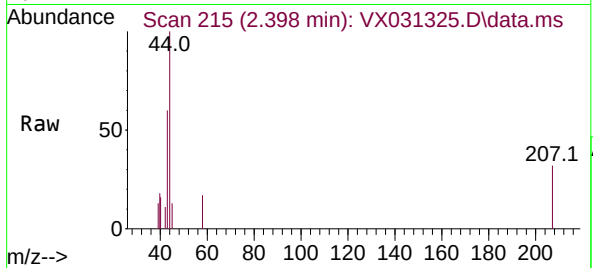




#16
 Acetone
 Concen: 1.218 ug/l
 RT: 2.398 min Scan# 213
 Delta R.T. 0.012 min
 Lab File: VX031325.D
 Acq: 14 Sep 2022 22:59

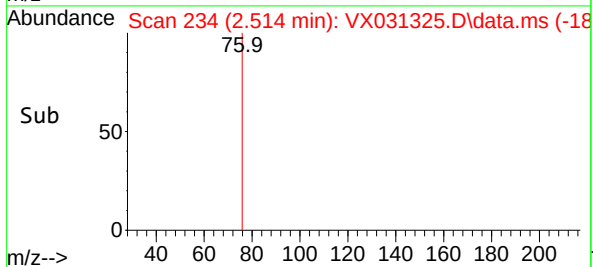
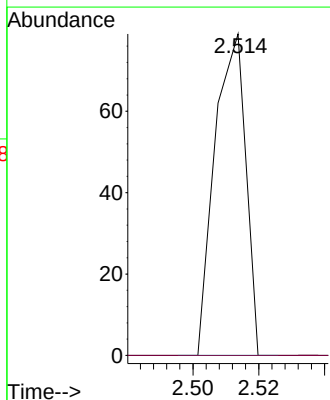
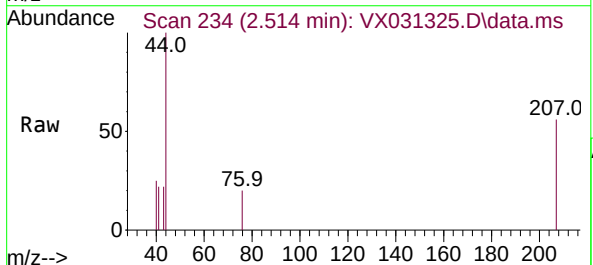
Instrument :
 MSVOA_X
 ClientSampleId :
 WELL-01RE

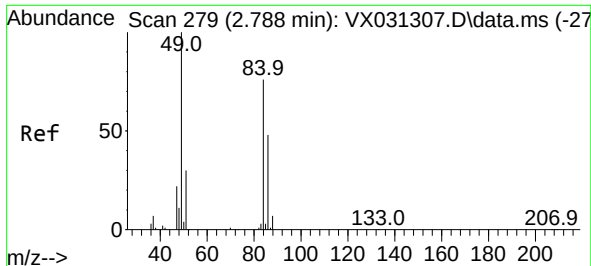
Tgt Ion: 43 Resp: 786
 Ion Ratio Lower Upper
 43 100
 58 28.6 23.8 35.8



#17
 Carbon Disulfide
 Concen: 0.904 ug/l
 RT: 2.514 min Scan# 234
 Delta R.T. 0.007 min
 Lab File: VX031325.D
 Acq: 14 Sep 2022 22:59

Tgt Ion: 76 Resp: 52
 Ion Ratio Lower Upper
 76 100
 78 0.0 7.2 10.8#

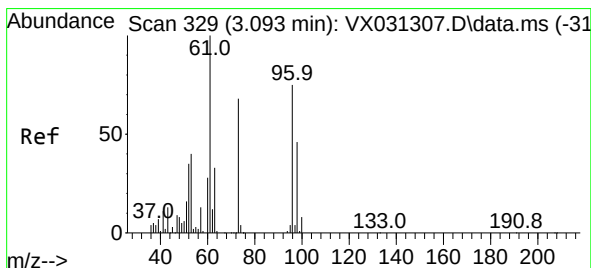
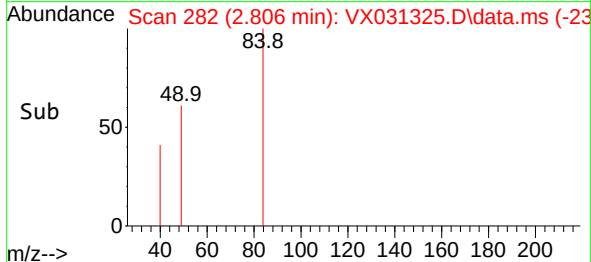
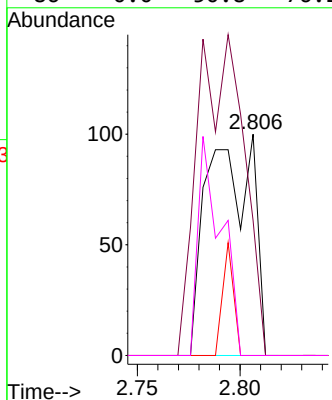
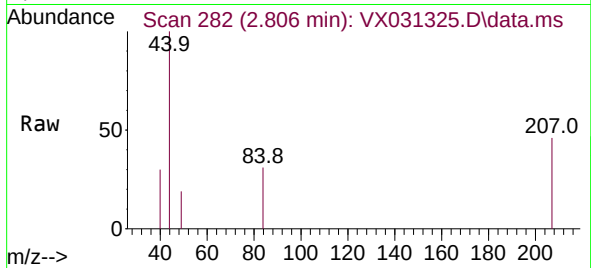




#20
Methylene Chloride
Concen: Below Cal
RT: 2.806 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX031325.D
Acq: 14 Sep 2022 22:59

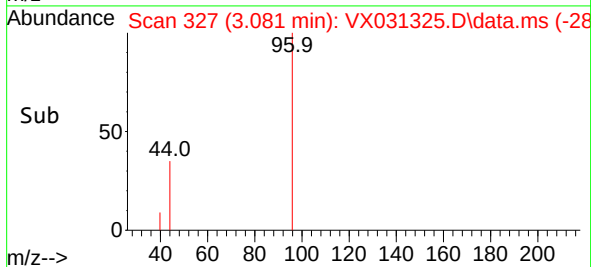
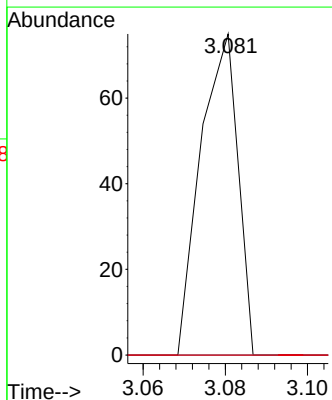
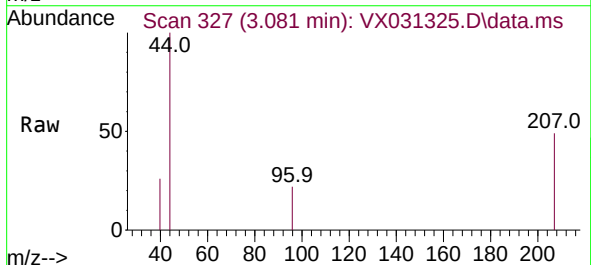
Instrument :
MSVOA_X
ClientSampleId :
WELL-01RE

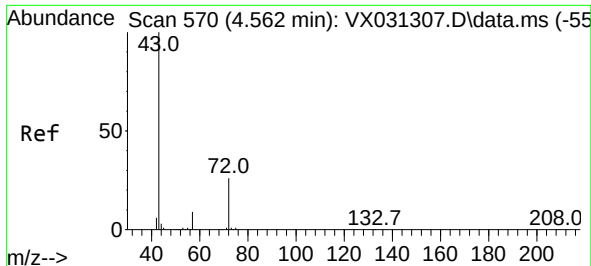
Tgt Ion: 84 Resp: 153
Ion Ratio Lower Upper
84 100
49 61.0 105.9 158.9#
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.081 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX031325.D
Acq: 14 Sep 2022 22:59

Tgt Ion: 96 Resp: 47
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#

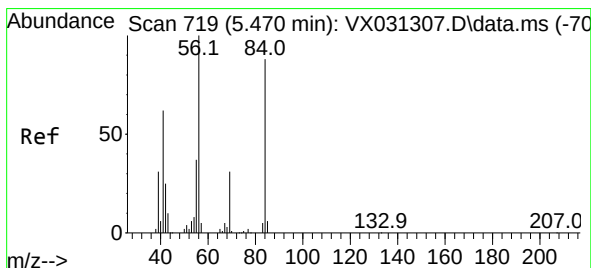
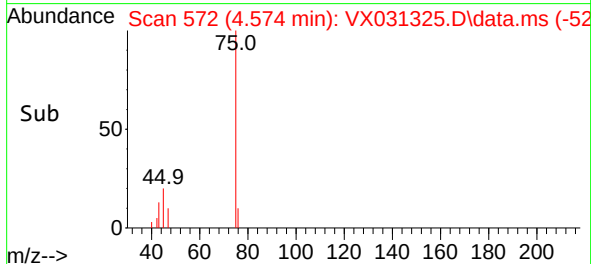
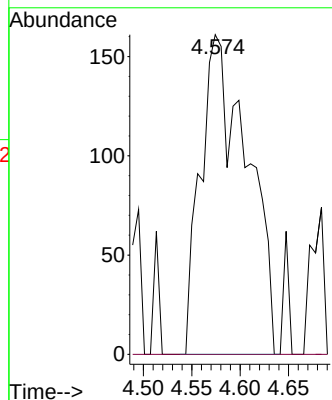
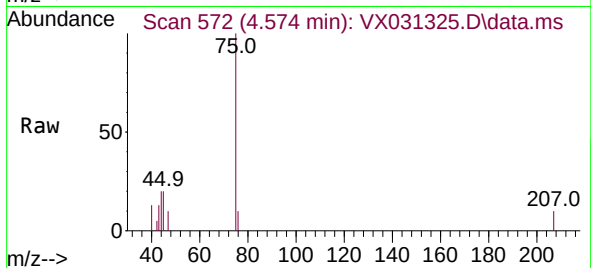




#25
2-Butanone
Concen: 0.506 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX031325.D
Acq: 14 Sep 2022 22:59

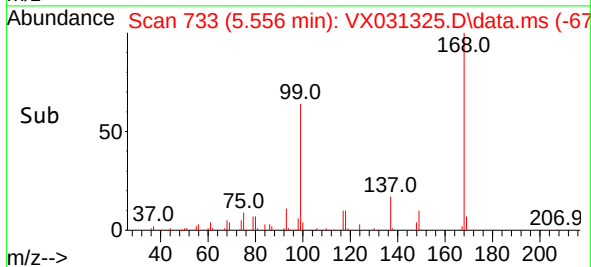
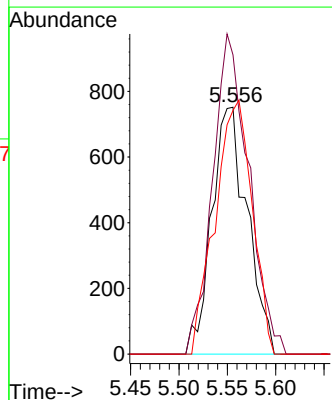
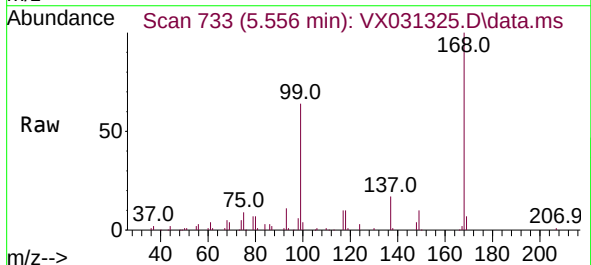
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MSVOA_X
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WELL-01RE

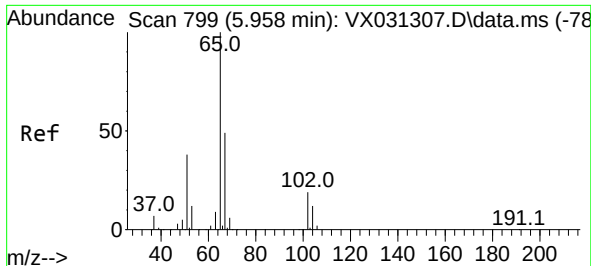
Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX031325.D
Acq: 14 Sep 2022 22:59

Tgt Ion: 56 Resp: 1914
Ion Ratio Lower Upper
56 100
69 121.1 25.1 37.7#
84 98.7 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 43.274 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031325.D

Acq: 14 Sep 2022 22:59

Instrument :

MSVOA_X

ClientSampleId :

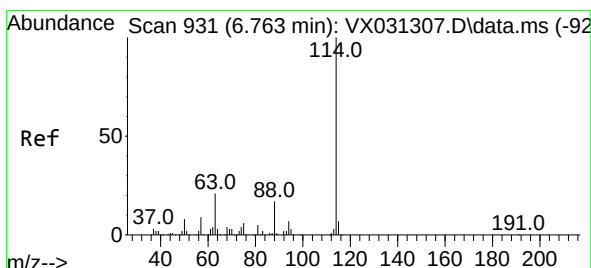
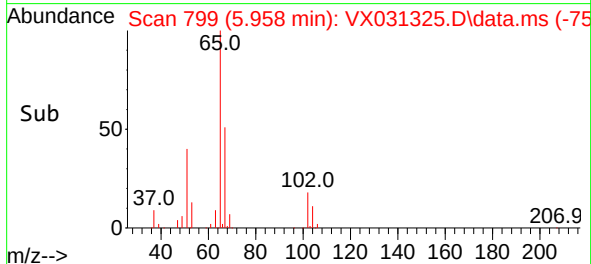
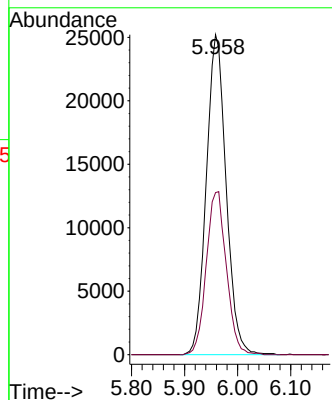
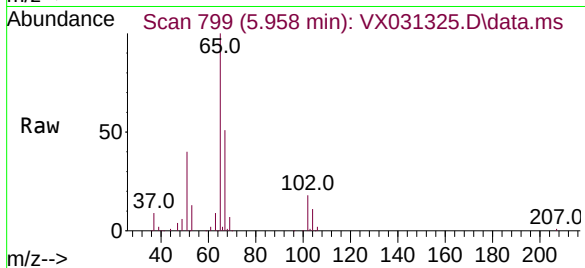
WELL-01RE

Tgt Ion: 65 Resp: 65397

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031325.D

Acq: 14 Sep 2022 22:59

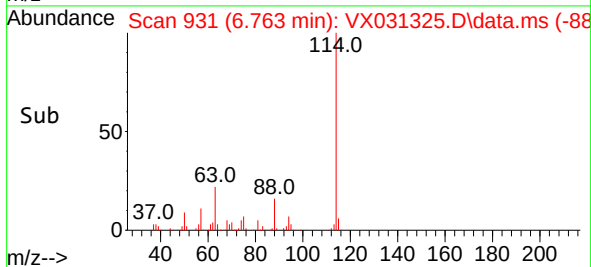
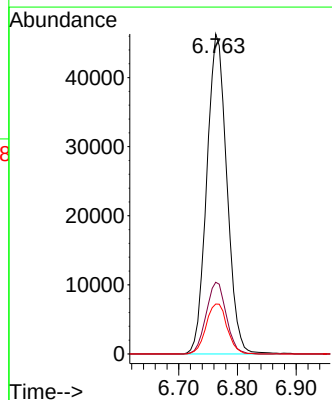
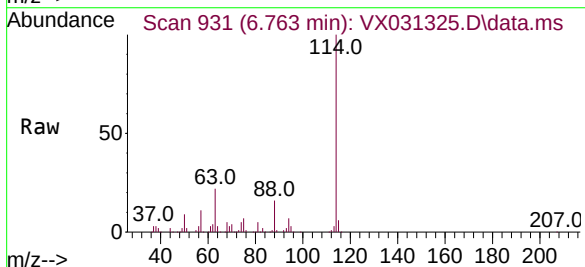
Tgt Ion: 114 Resp: 109728

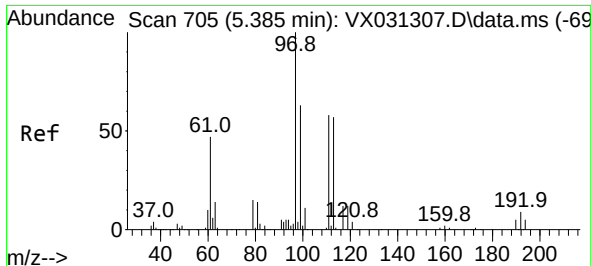
Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.6

88 15.6 0.0 33.0

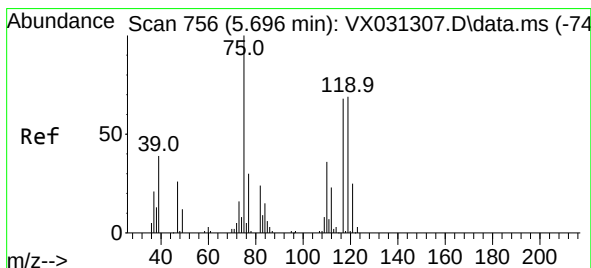
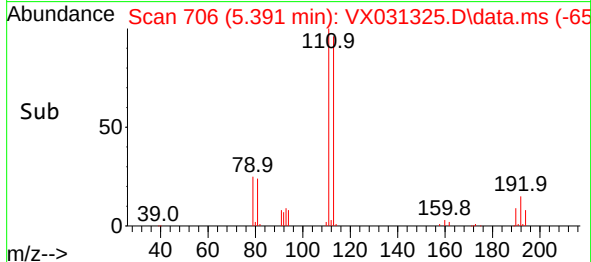
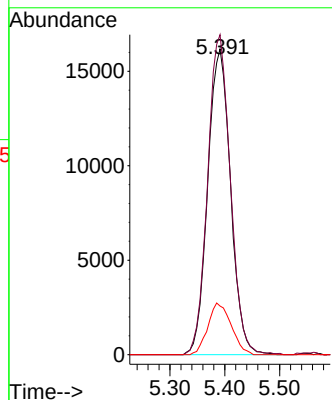
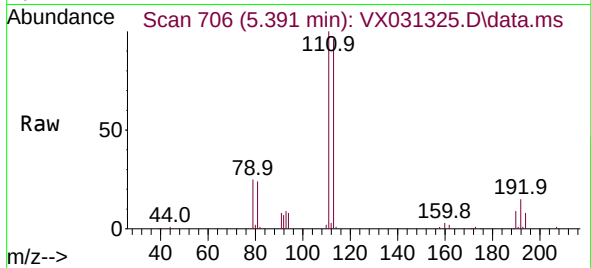




#35
Dibromofluoromethane
Concen: 39.658 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX031325.D
Acq: 14 Sep 2022 22:59

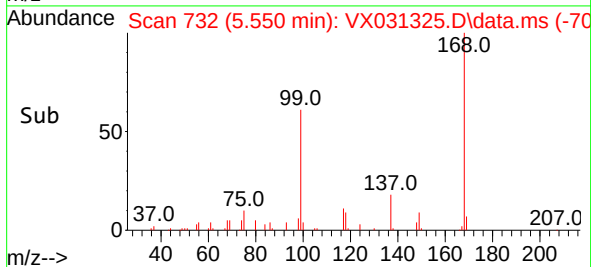
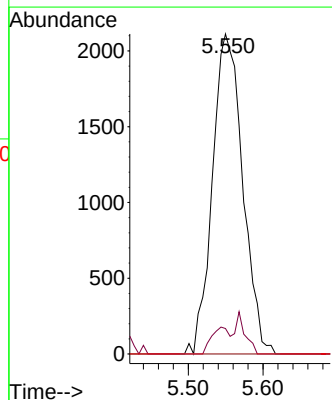
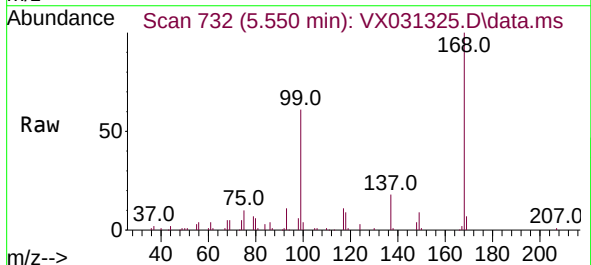
Instrument :
MSVOA_X
ClientSampleId :
WELL-01RE

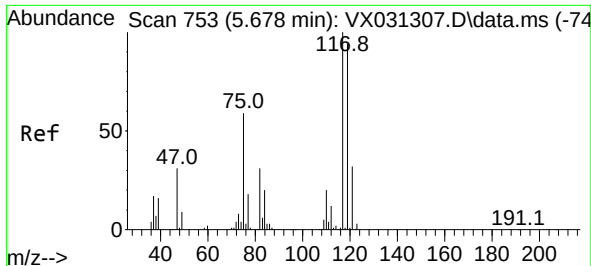
Tgt Ion:113 Resp: 46777
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 17.3 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.681 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX031325.D
Acq: 14 Sep 2022 22:59

Tgt Ion: 75 Resp: 5943
Ion Ratio Lower Upper
75 100
110 4.9 17.5 52.5#
77 0.0 24.9 37.3#

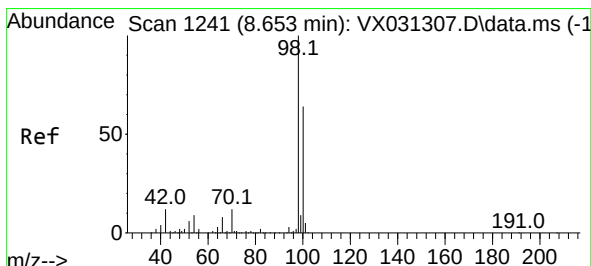
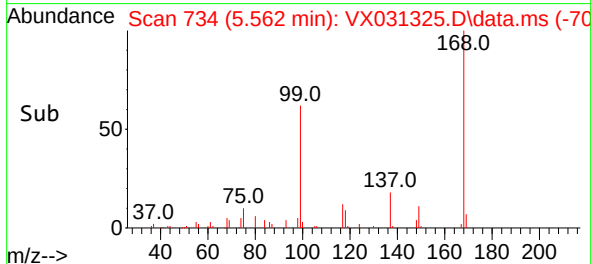
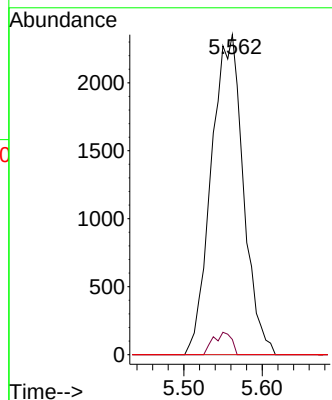
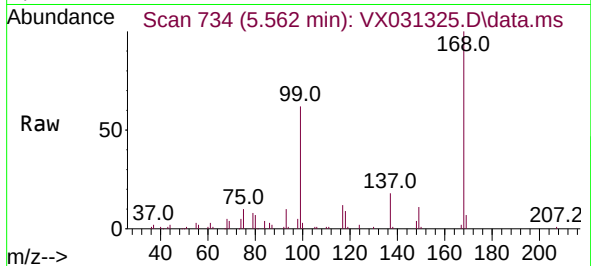




#38
Carbon Tetrachloride
Concen: 3.812 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX031325.D
Acq: 14 Sep 2022 22:59

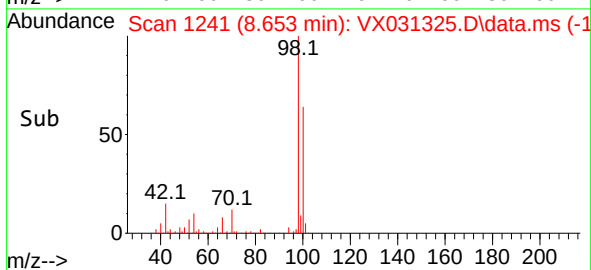
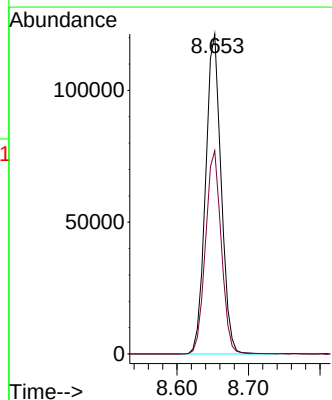
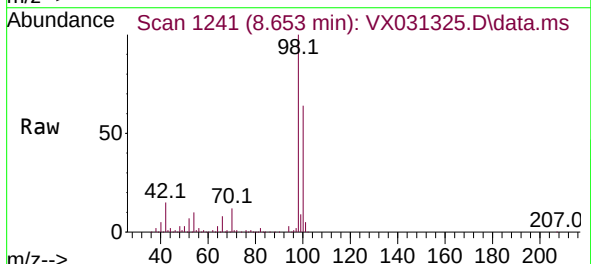
Instrument :
MSVOA_X
ClientSampleId :
WELL-01RE

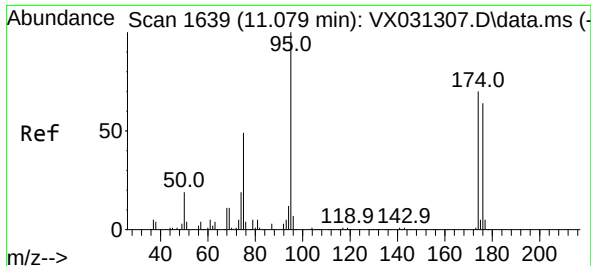
Tgt Ion:117 Resp: 6689
Ion Ratio Lower Upper
117 100
119 4.7 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 41.495 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031325.D
Acq: 14 Sep 2022 22:59

Tgt Ion: 98 Resp: 183591
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7

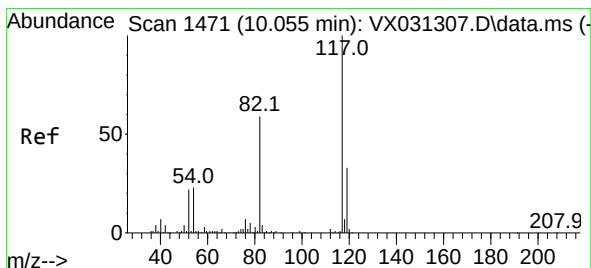
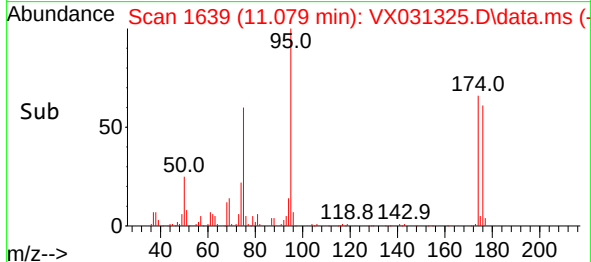
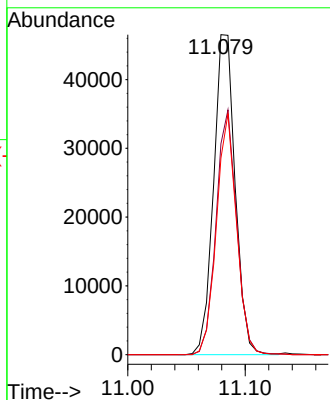
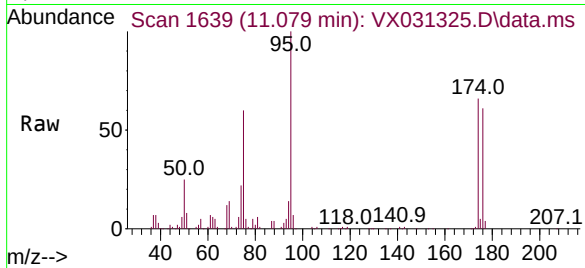




#62
4-Bromofluorobenzene
Concen: 36.750 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031325.D
Acq: 14 Sep 2022 22:59

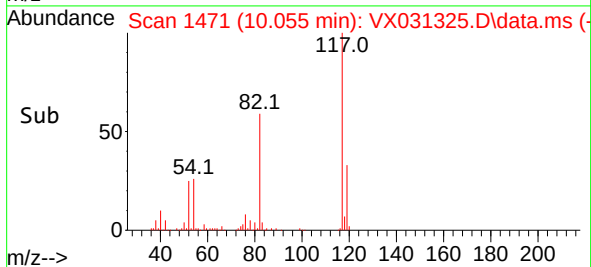
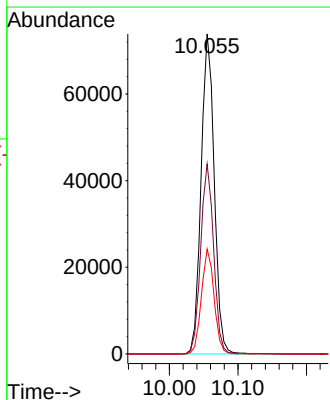
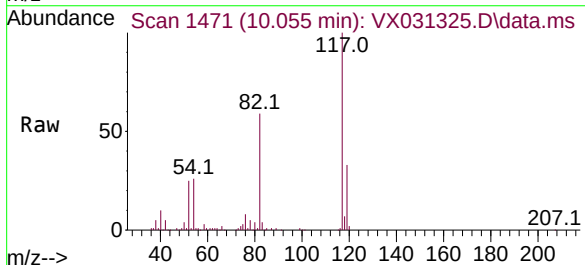
Instrument :
MSVOA_X
ClientSampleId :
WELL-01RE

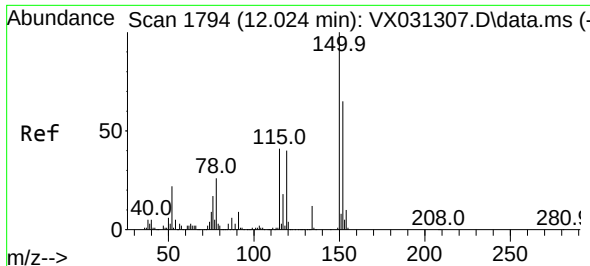
Tgt Ion: 95 Resp: 59543
Ion Ratio Lower Upper
95 100
174 72.8 0.0 153.2
176 70.1 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031325.D
Acq: 14 Sep 2022 22:59

Tgt Ion: 117 Resp: 98678
Ion Ratio Lower Upper
117 100
82 59.3 46.8 70.2
119 32.8 26.4 39.6

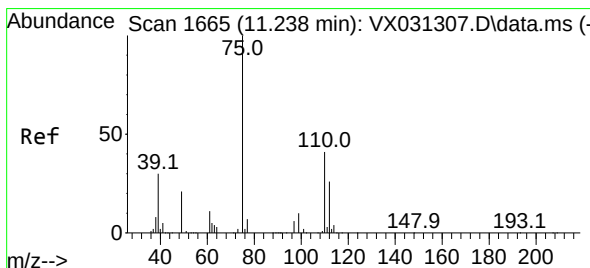
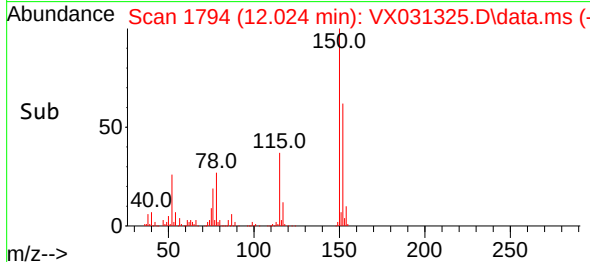
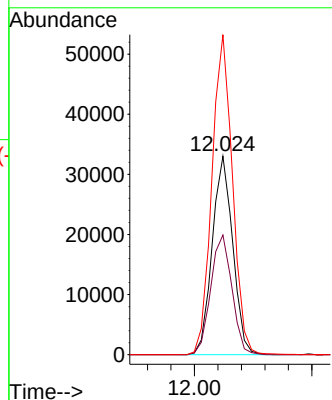
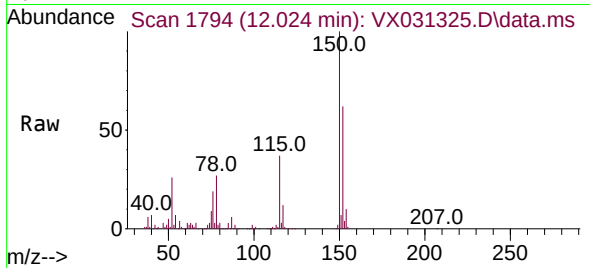




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031325.D
 Acq: 14 Sep 2022 22:59

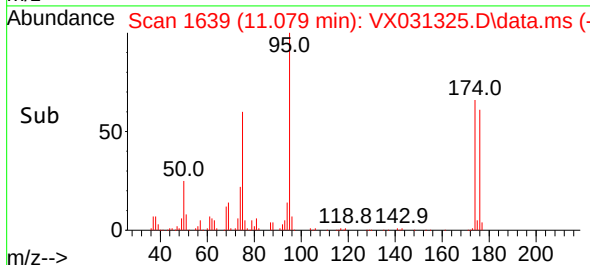
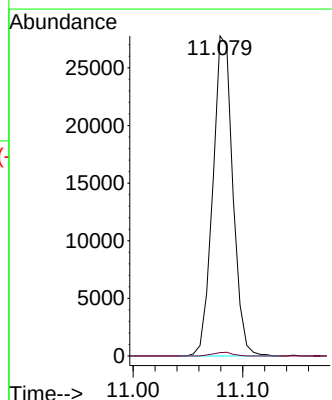
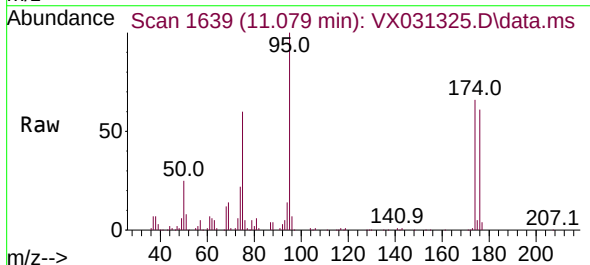
Instrument :
 MSVOA_X
 ClientSampleId :
 WELL-01RE

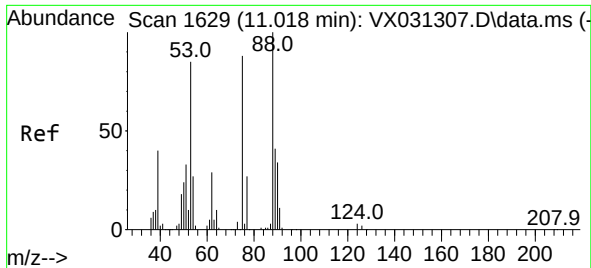
Tgt Ion:152 Resp: 40152
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.4 130.1
 150 161.1 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 34.749 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031325.D
 Acq: 14 Sep 2022 22:59

Tgt Ion: 75 Resp: 35160
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.151 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031325.D
 Acq: 14 Sep 2022 22:59

Instrument :
 MSVOA_X
 ClientSampleId :
 WELL-01RE

Tgt Ion: 75 Resp: 35160
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

