

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048816.D
 Acq On : 02 Jun 2022 20:08
 Operator : SY/MD
 Sample : N3112-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WEST-DITCH-IN-20220527

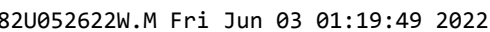
Quant Time: Jun 03 01:19:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

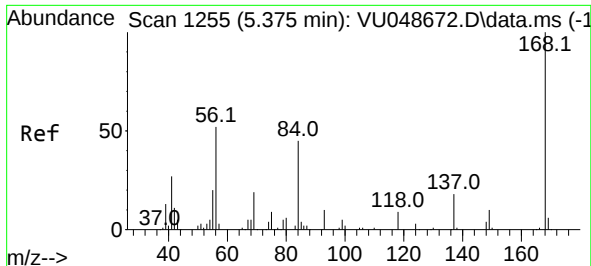
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.372	168	344224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	562876	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	498899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	214284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	235959	45.644	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.280%
35) Dibromofluoromethane	5.292	113	181579	45.217	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.440%
50) Toluene-d8	7.899	98	678735	47.151	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.300%
62) 4-Bromofluorobenzene	10.632	95	215403	39.567	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.140%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1899	0.374	ug/l	96
5) Bromomethane	1.848	94	322	Below Cal	#	54
6) Chloroethane	1.970	64	461	Below Cal	#	45
10) Methyl Iodide	2.726	142	41	3.012	ug/l #	90
11) Tert butyl alcohol	3.179	59	5132	3.916	ug/l #	28
13) Acrolein	2.491	56	68	Below Cal	#	49
16) Acetone	2.639	43	5407	2.052	ug/l #	82
18) Methyl Acetate	2.790	43	5803	0.877	ug/l #	51
25) 2-Butanone	4.729	43	1818	0.480	ug/l #	75
27) cis-1,2-Dichloroethene	4.668	96	12291	2.650	ug/l	83
31) Cyclohexane	5.372	56	7511	1.153	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	28213	4.814	ug/l #	50
37) Ethyl Acetate	4.729	43	1818	0.245	ug/l #	68
38) Carbon Tetrachloride	5.372	117	35898	5.339	ug/l #	17
44) Trichloroethene	6.542	130	19591	4.395	ug/l	99
76) 1,2,3-Trichloropropane	10.632	75	112161	16.234	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	112161	58.943	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.472	105	702	1.240	ug/l	75
89) n-Butylbenzene	12.211	91	114	2.194	ug/l #	34
95) Naphthalene	14.095	128	9319	3.057	ug/l #	95

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

Quant Time: Jun 03 01:19:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
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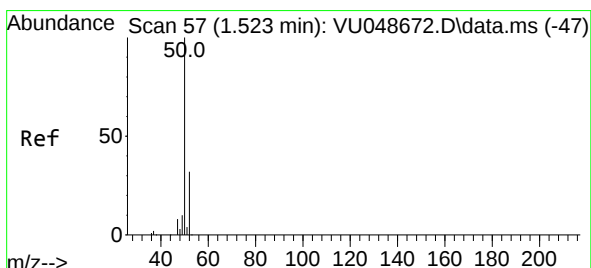
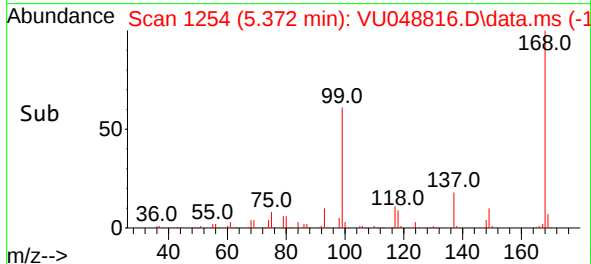
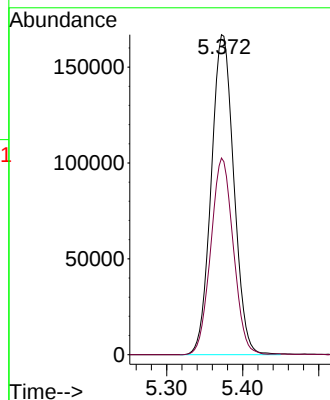
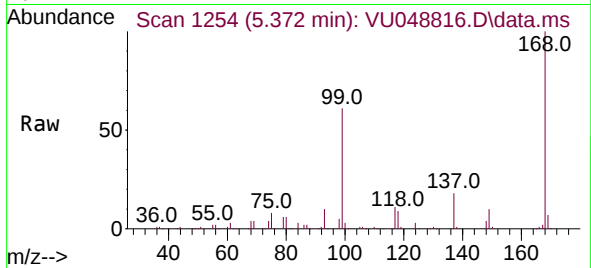




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

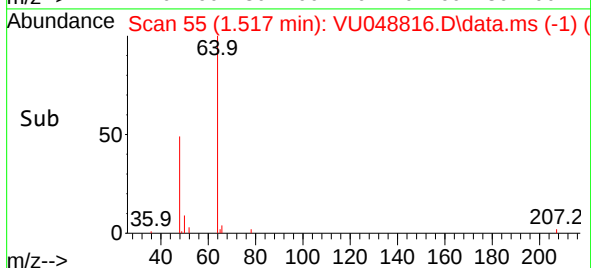
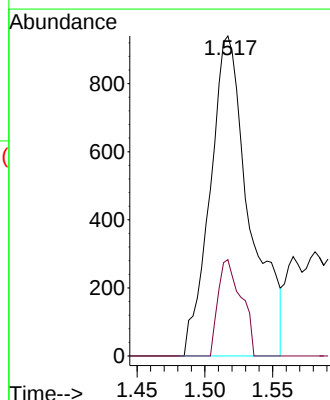
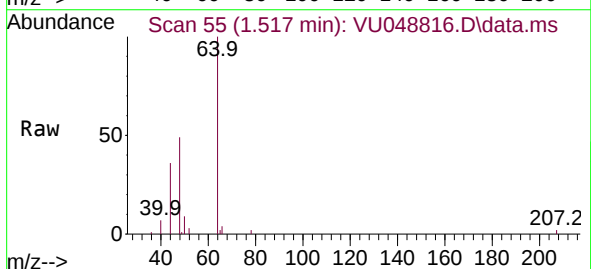
Instrument :
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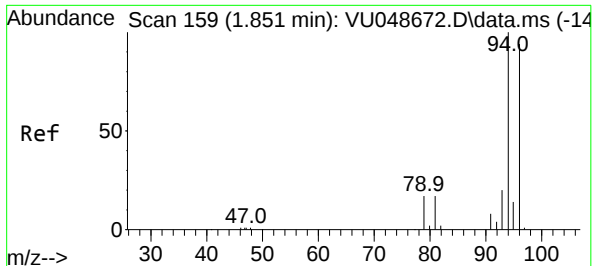
Tgt Ion:168 Resp: 344224
Ion Ratio Lower Upper
168 100
99 61.4 49.3 73.9



#3
Chloromethane
Concen: 0.374 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.006 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

Tgt Ion: 50 Resp: 1899
Ion Ratio Lower Upper
50 100
52 30.1 25.7 38.5





#5

Bromomethane

Concen: Below Cal

RT: 1.848 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048816.D

Acq: 02 Jun 2022 20:08

Instrument :

MSVOA_U

ClientSampleId :

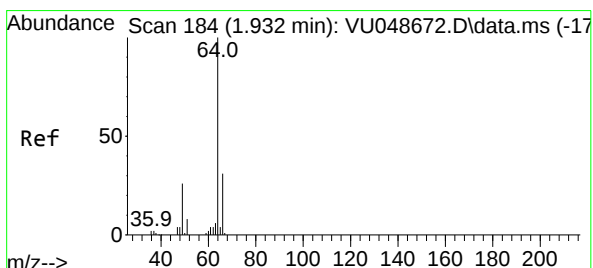
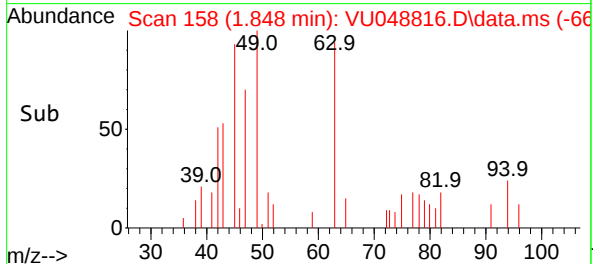
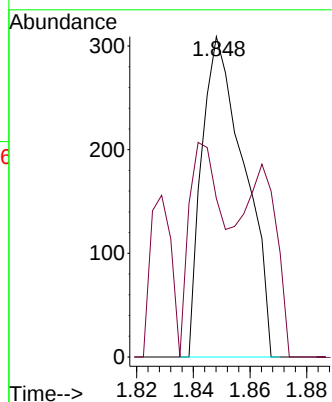
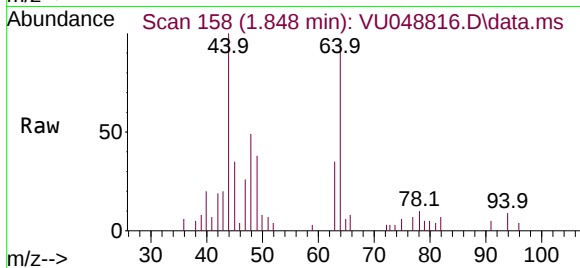
WEST-DITCH-IN-20220527

Tgt Ion: 94 Resp: 322

Ion Ratio Lower Upper

94 100

96 49.5 75.1 112.7#



#6

Chloroethane

Concen: Below Cal

RT: 1.970 min Scan# 196

Delta R.T. 0.038 min

Lab File: VU048816.D

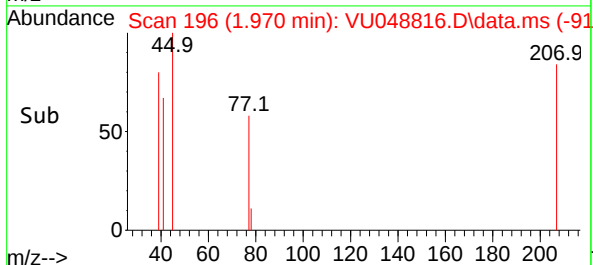
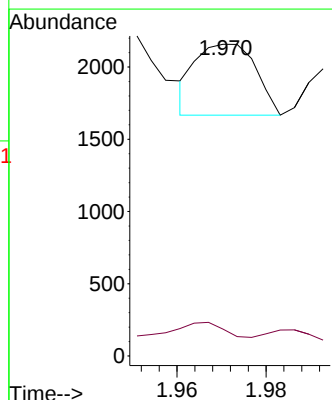
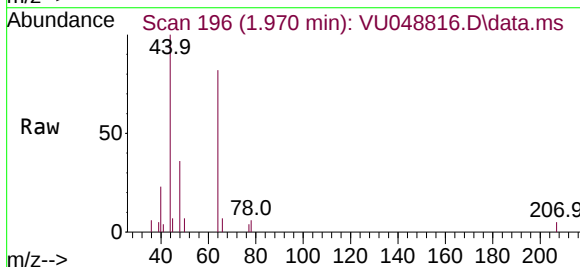
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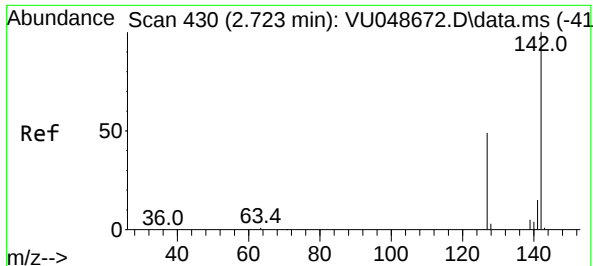
Tgt Ion: 64 Resp: 461

Ion Ratio Lower Upper

64 100

66 1.2 25.2 37.8#





#10

Methyl Iodide

Concen: 3.012 ug/l

RT: 2.726 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU048816.D

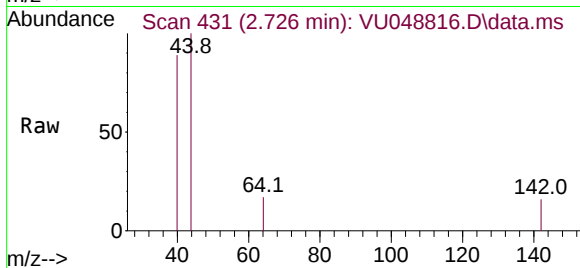
Acq: 02 Jun 2022 20:08

Instrument :

MSVOA_U

ClientSampleId :

WEST-DITCH-IN-20220527



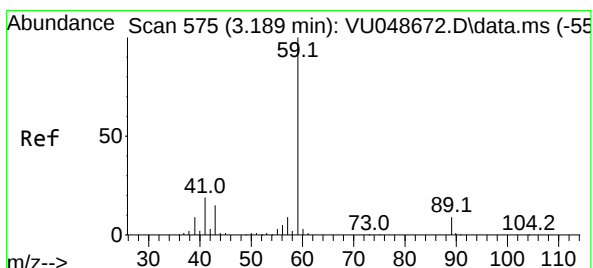
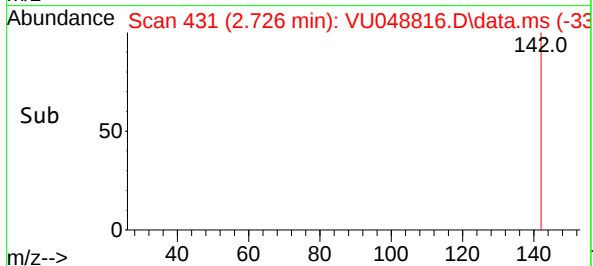
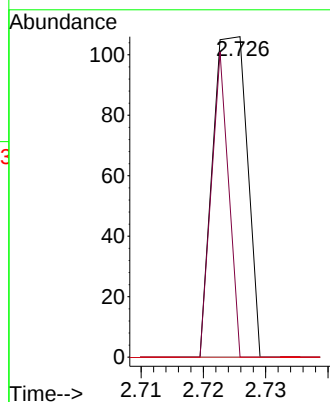
Tgt Ion:142 Resp: 41

Ion Ratio Lower Upper

142 100

127 46.3 38.4 57.6

141 0.0 11.5 17.3#



#11

Tert butyl alcohol

Concen: 3.916 ug/l

RT: 3.179 min Scan# 572

Delta R.T. -0.010 min

Lab File: VU048816.D

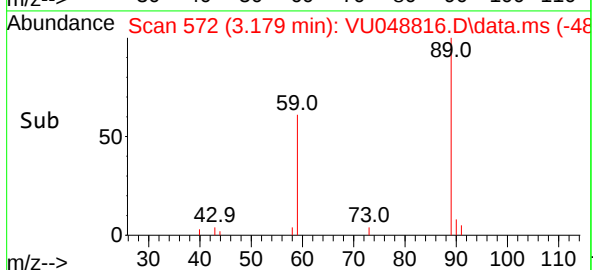
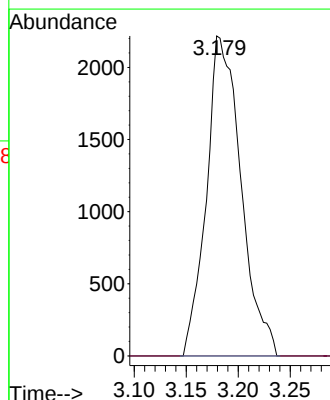
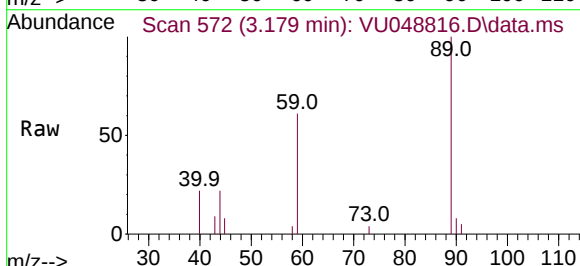
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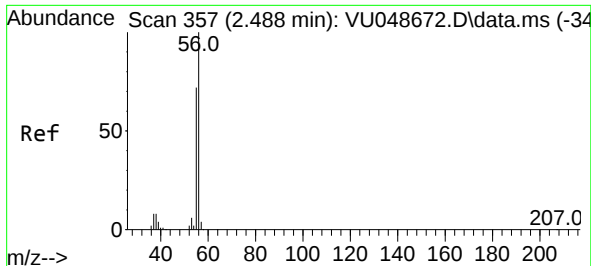
Tgt Ion: 59 Resp: 5132

Ion Ratio Lower Upper

59 100

57 0.0 39.7 59.5#

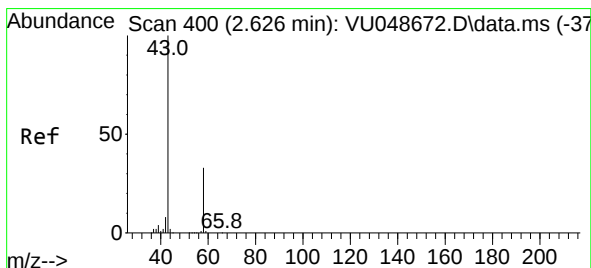
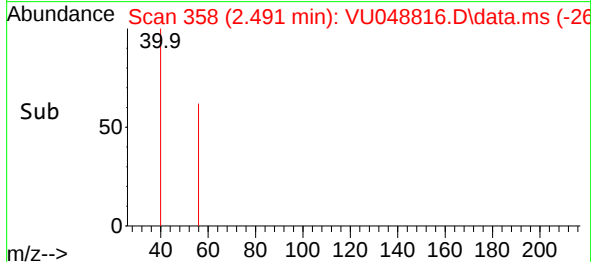
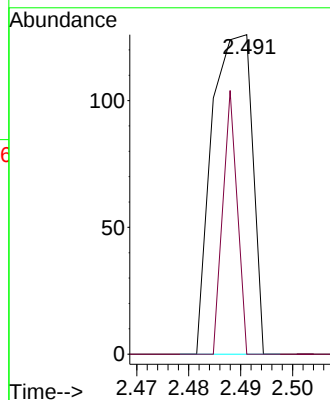
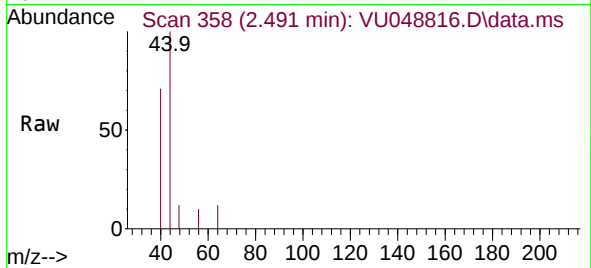




#13
Acrolein
Concen: Below Cal
RT: 2.491 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

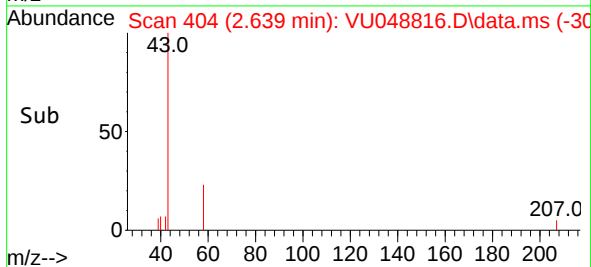
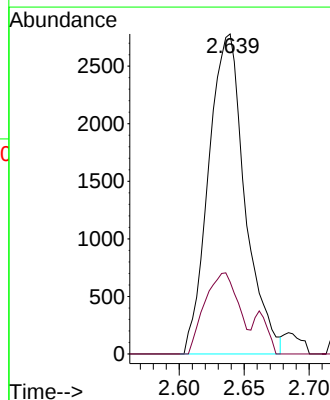
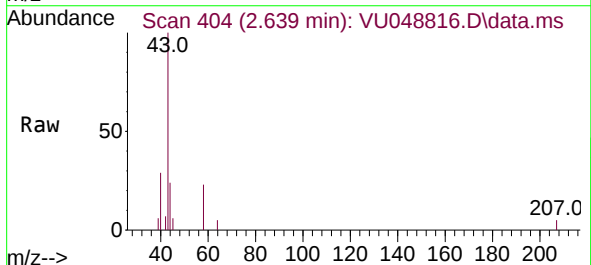
Instrument :
MSVOA_U
ClientSampleId :
WEST-DITCH-IN-20220527

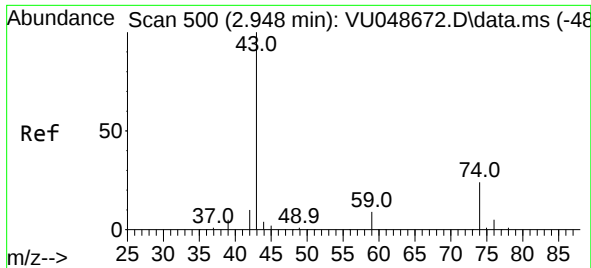
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 29.4 57.7 86.5#



#16
Acetone
Concen: 2.052 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.013 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

Tgt Ion: 43 Resp: 5407
Ion Ratio Lower Upper
43 100
58 22.5 26.3 39.5#

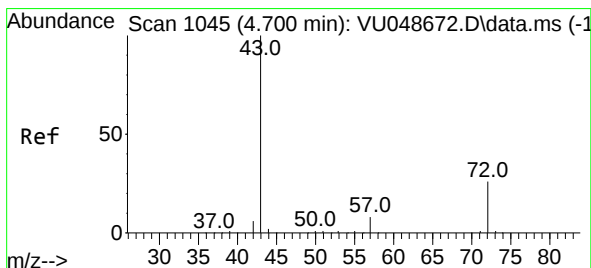
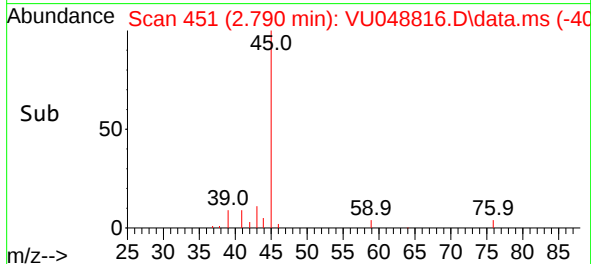
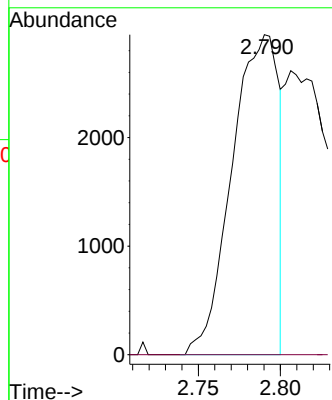
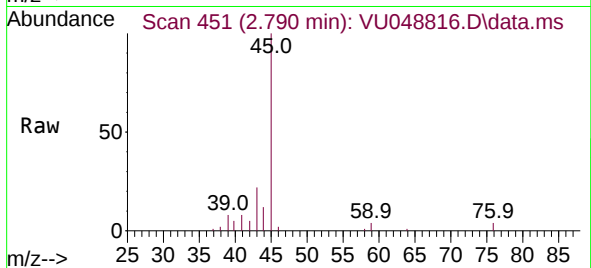




#18
Methyl Acetate
Concen: 0.877 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.158 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

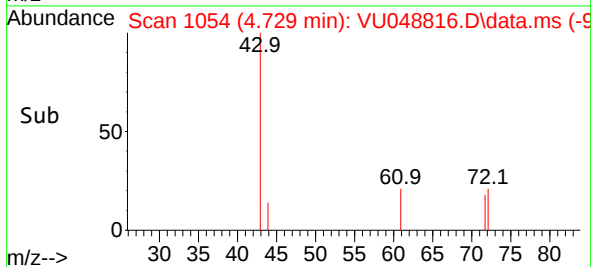
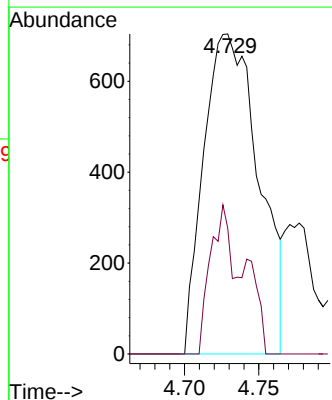
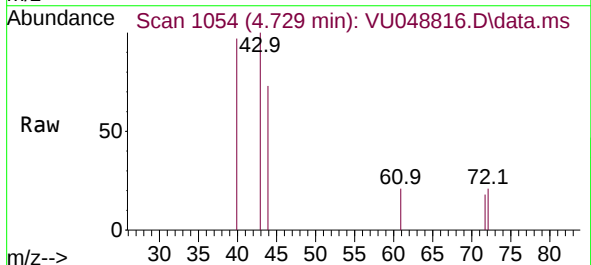
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WEST-DITCH-IN-20220527

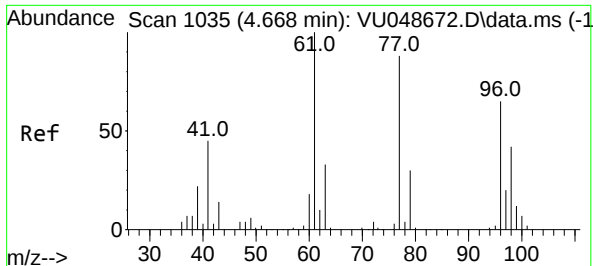
Tgt Ion: 43 Resp: 5803
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#25
2-Butanone
Concen: 0.480 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.029 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
72 39.3 21.1 31.7#

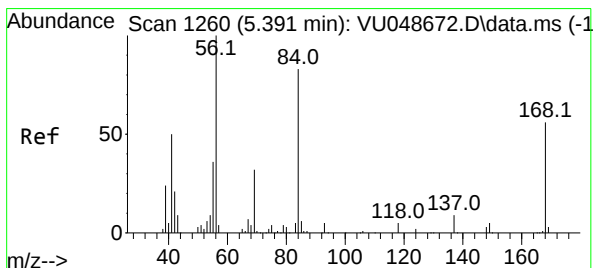
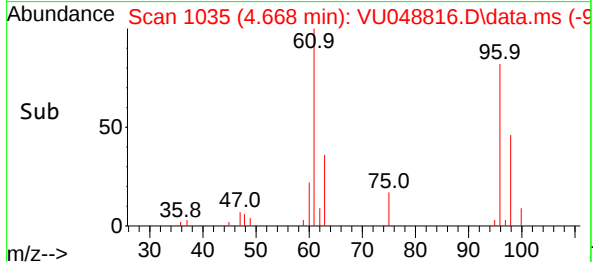
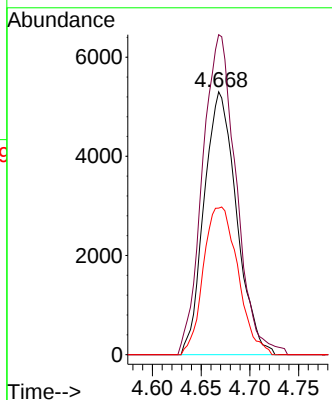
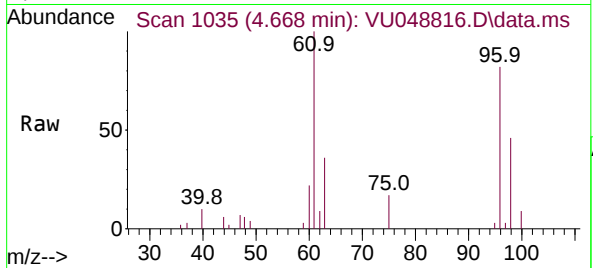




#27
 cis-1,2-Dichloroethene
 Concen: 2.650 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU048816.D
 Acq: 02 Jun 2022 20:08

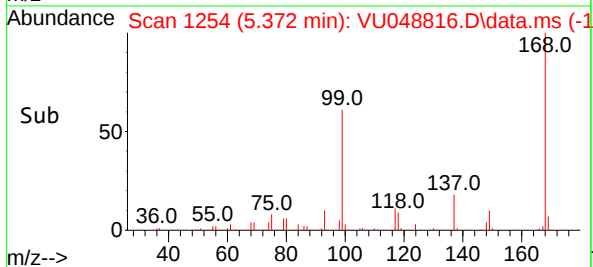
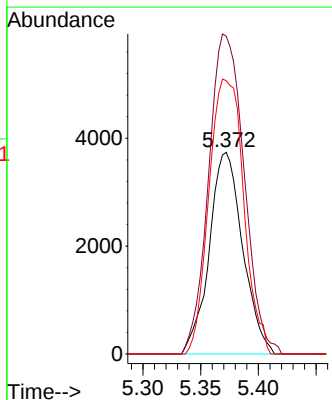
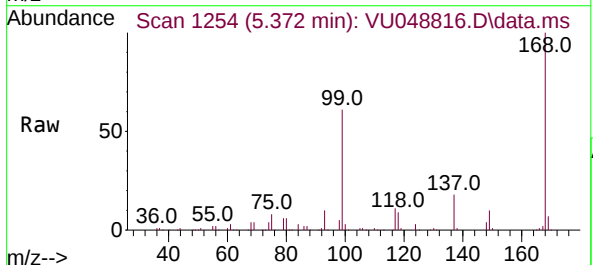
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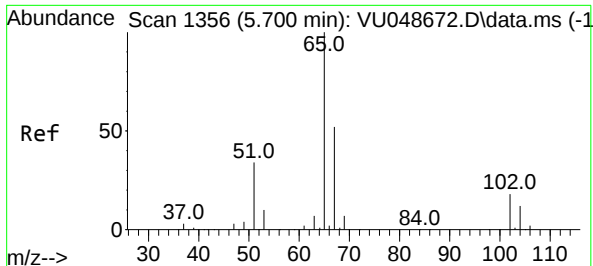
Tgt Ion: 96	Resp: 12291
Ion Ratio	Lower Upper
96 100	
61 126.1	0.0 306.2
98 59.6	0.0 130.4



#31
 Cyclohexane
 Concen: 1.153 ug/l
 RT: 5.372 min Scan# 1254
 Delta R.T. -0.019 min
 Lab File: VU048816.D
 Acq: 02 Jun 2022 20:08

Tgt Ion: 56	Resp: 7511		
Ion Ratio	Lower	Upper	
56	100		
69	157.6	25.6	38.4#
84	135.5	66.2	99.4#





#33

1,2-Dichloroethane-d4

Concen: 45.644 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048816.D

Acq: 02 Jun 2022 20:08

Instrument :

MSVOA_U

ClientSampleId :

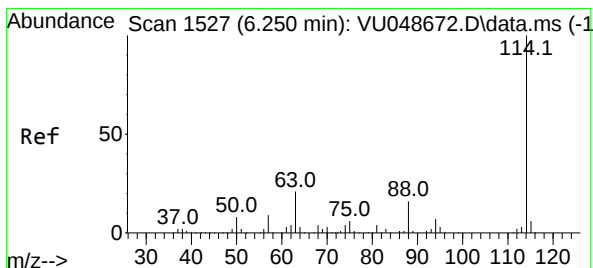
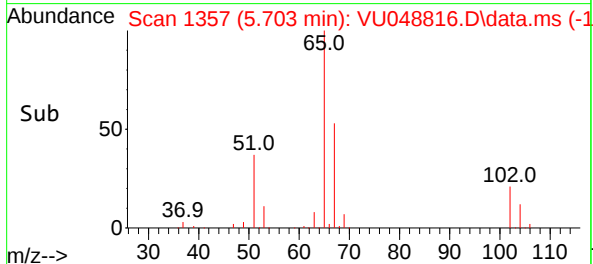
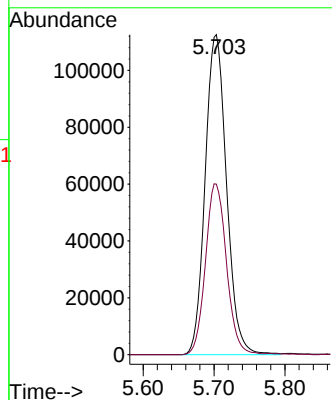
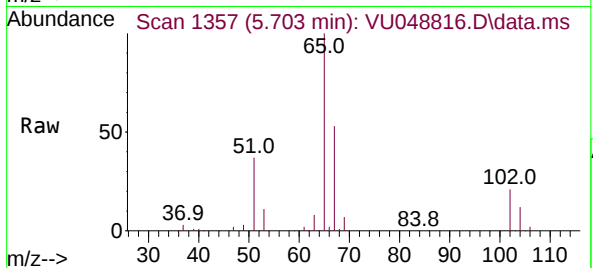
WEST-DITCH-IN-20220527

Tgt Ion: 65 Resp: 235959

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048816.D

Acq: 02 Jun 2022 20:08

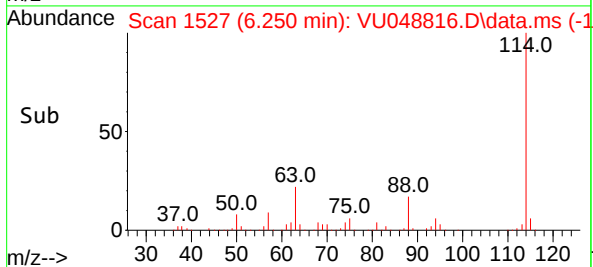
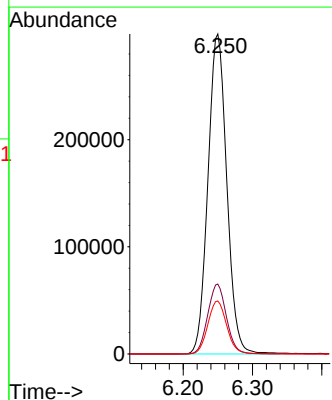
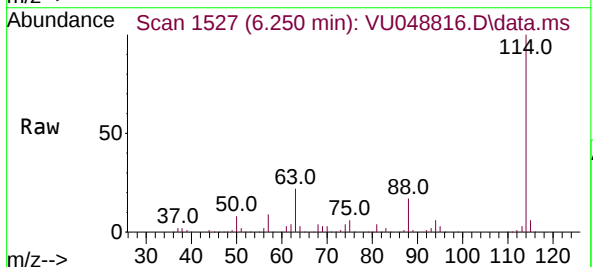
Tgt Ion: 114 Resp: 562876

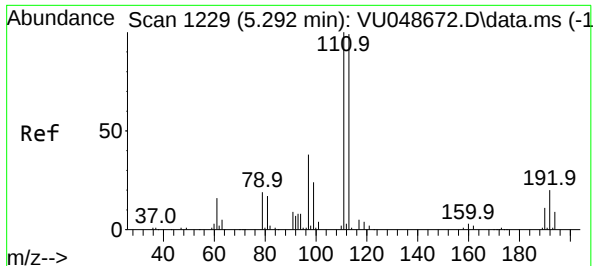
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.6

88 16.5 0.0 32.2

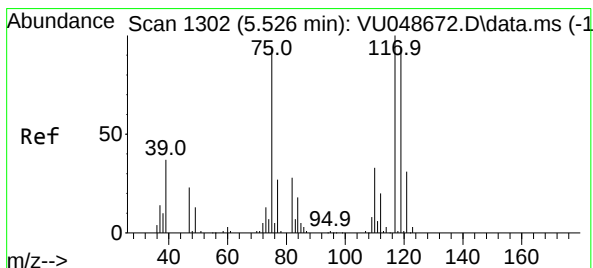
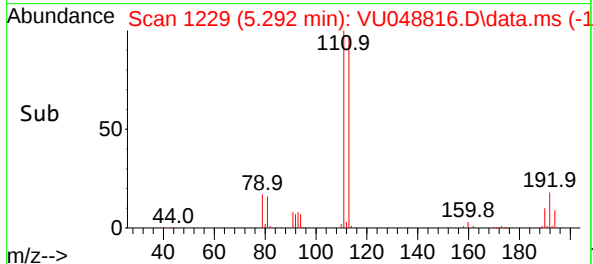
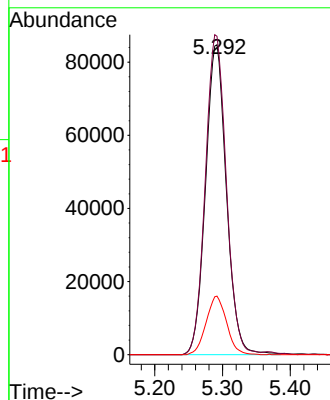
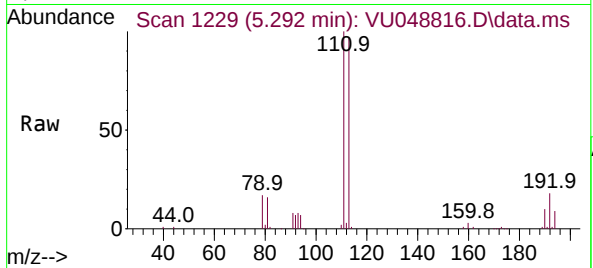




#35
Dibromofluoromethane
Concen: 45.217 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

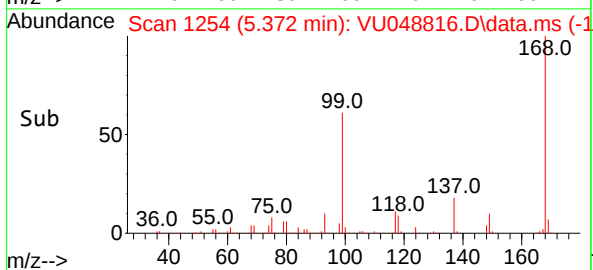
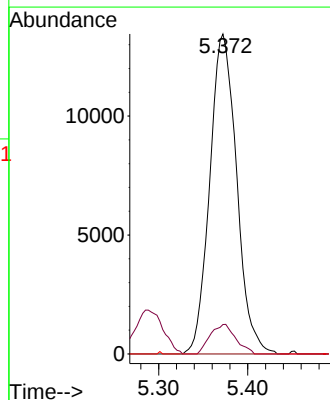
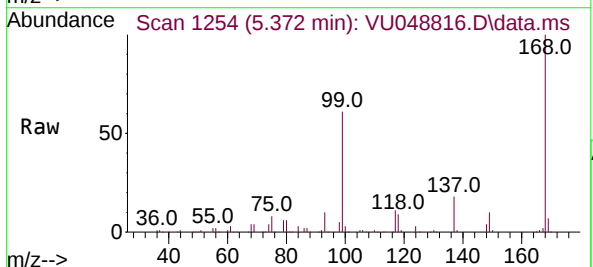
Instrument :
MSVOA_U
ClientSampleId :
WEST-DITCH-IN-20220527

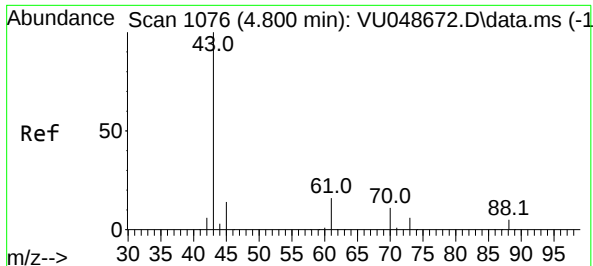
Tgt Ion:113 Resp: 181579
Ion Ratio Lower Upper
113 100
111 103.5 80.7 121.1
192 18.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.814 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

Tgt Ion: 75 Resp: 28213
Ion Ratio Lower Upper
75 100
110 8.8 17.4 52.3#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.245 ug/l

RT: 4.729 min Scan# 1054

Delta R.T. -0.071 min

Lab File: VU048816.D

Acq: 02 Jun 2022 20:08

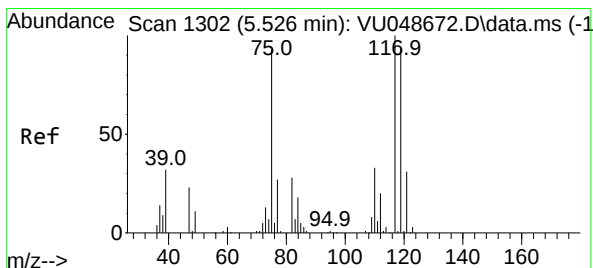
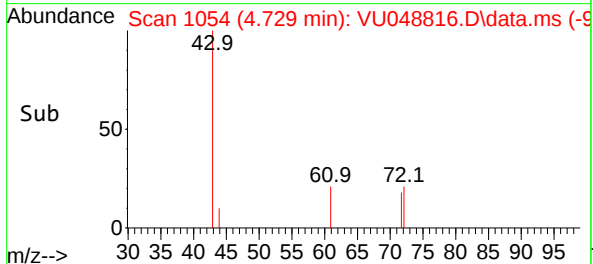
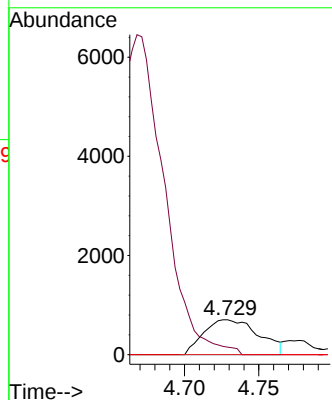
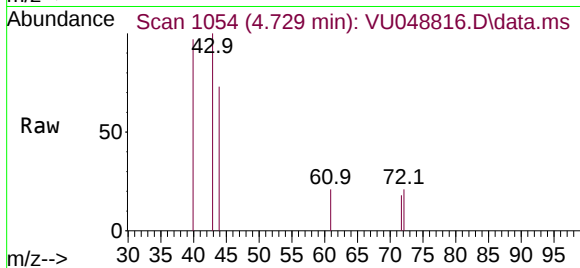
Instrument :

MSVOA_U

ClientSampleId :

WEST-DITCH-IN-20220527

Tgt Ion:	43	Resp:	1818
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.7	17.5#
70	0.0	8.4	12.6#



#38

Carbon Tetrachloride

Concen: 5.339 ug/l

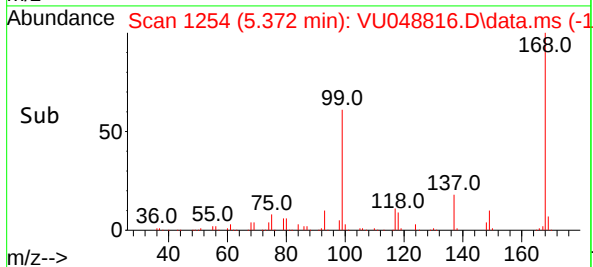
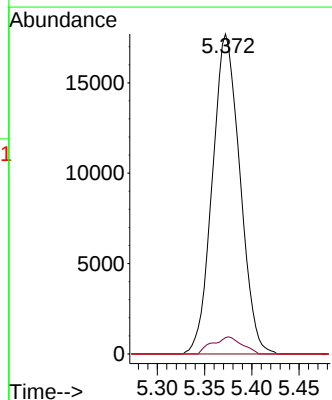
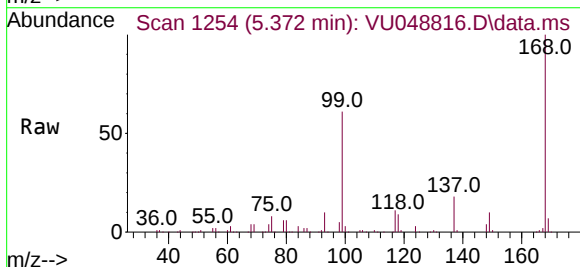
RT: 5.372 min Scan# 1254

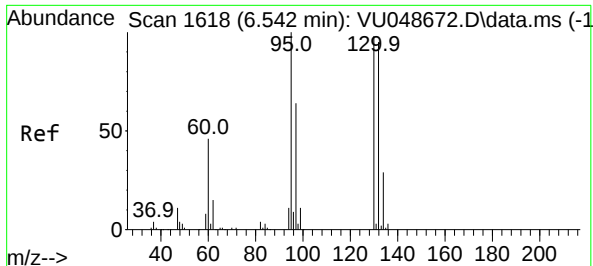
Delta R.T. -0.154 min

Lab File: VU048816.D

Acq: 02 Jun 2022 20:08

Tgt Ion:	117	Resp:	35898
Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.4	113.2#
121	0.0	24.6	36.8#

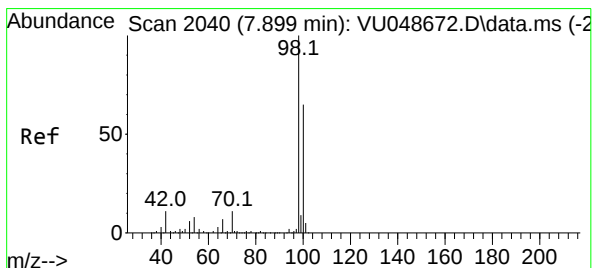
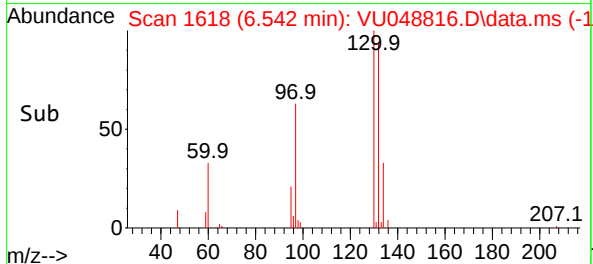
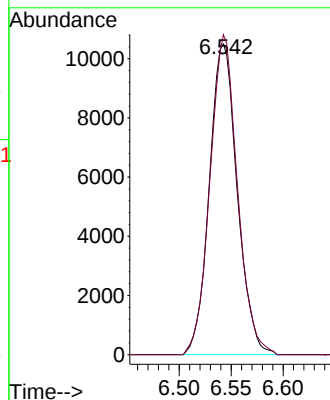
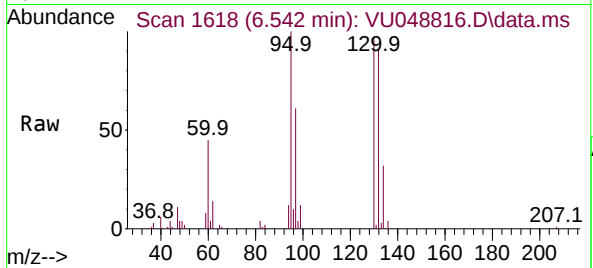




#44
Trichloroethene
Concen: 4.395 ug/l
RT: 6.542 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

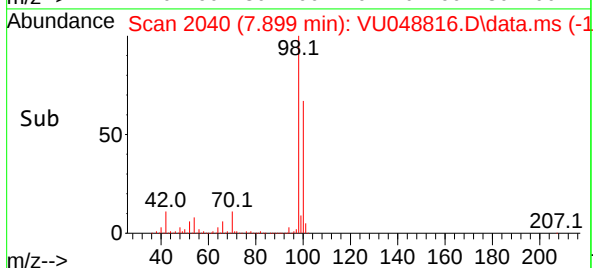
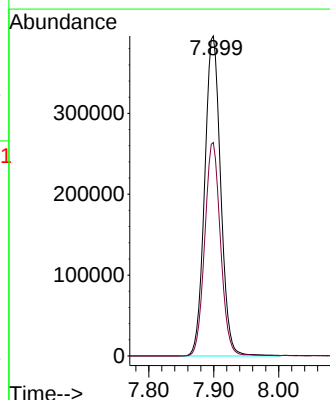
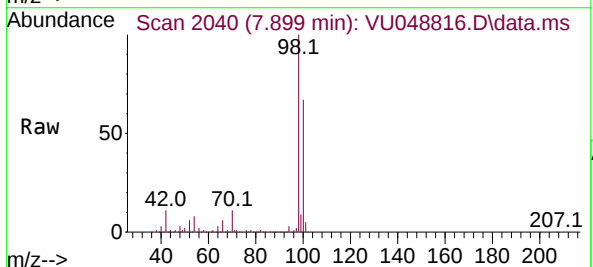
Instrument :
MSVOA_U
ClientSampleId :
WEST-DITCH-IN-20220527

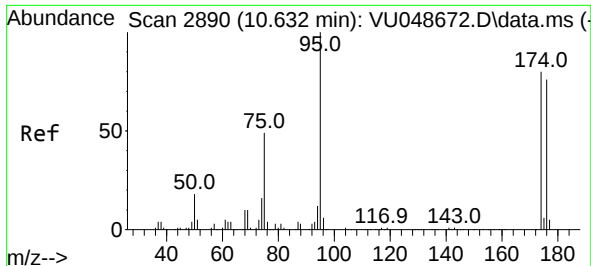
Tgt Ion:130 Resp: 19591
Ion Ratio Lower Upper
130 100
95 103.0 0.0 204.8



#50
Toluene-d8
Concen: 47.151 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

Tgt Ion: 98 Resp: 678735
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4

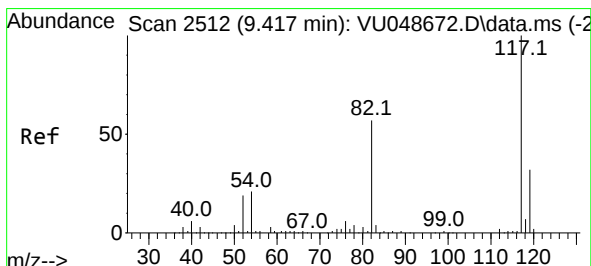
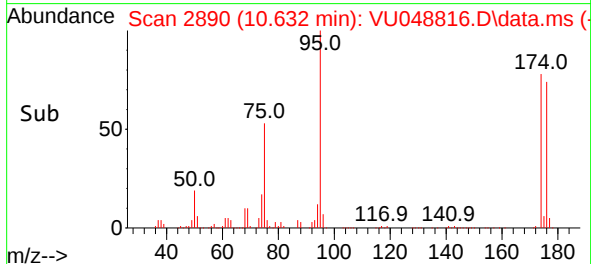
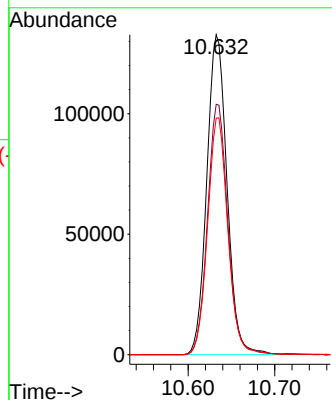
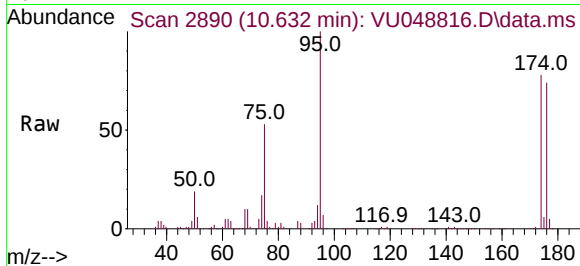




#62
4-Bromofluorobenzene
Concen: 39.567 ug/l
RT: 10.632 min Scan# 215403
Delta R.T. 0.000 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

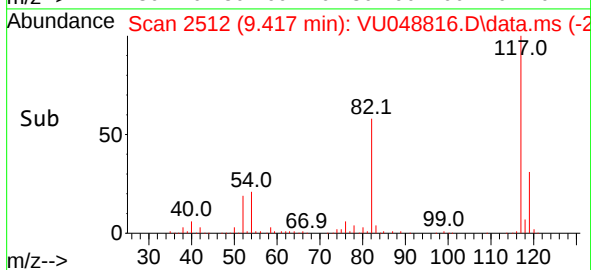
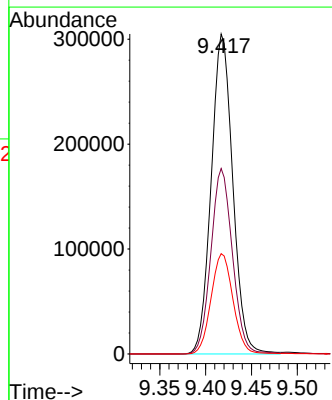
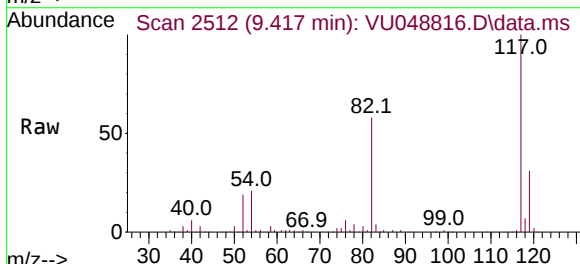
Instrument : MSVOA_U
ClientSampleId : WEST-DITCH-IN-20220527

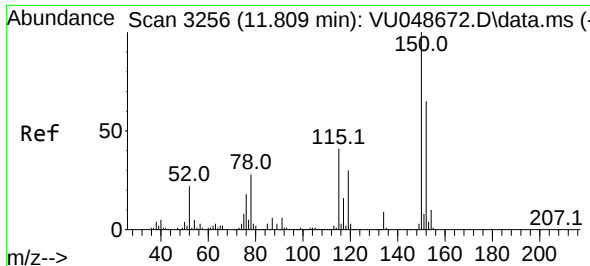
Tgt Ion: 95 Resp: 215403
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.4
176 74.4 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

Tgt Ion: 117 Resp: 498899
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 31.4 25.4 38.2

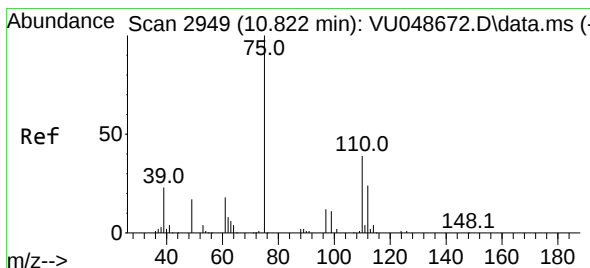
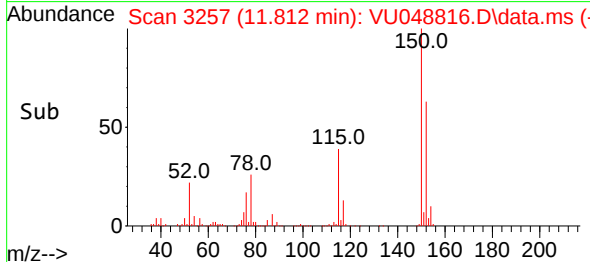
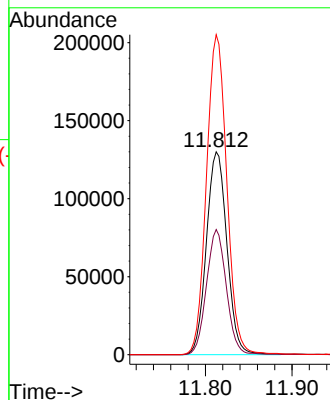
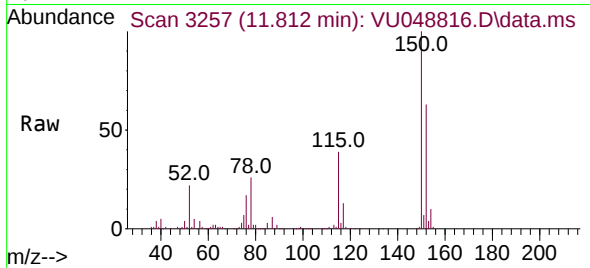




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

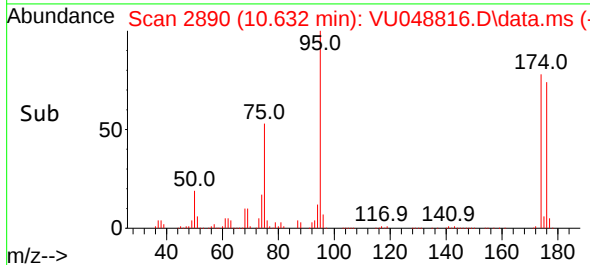
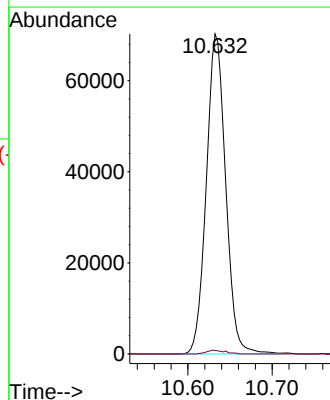
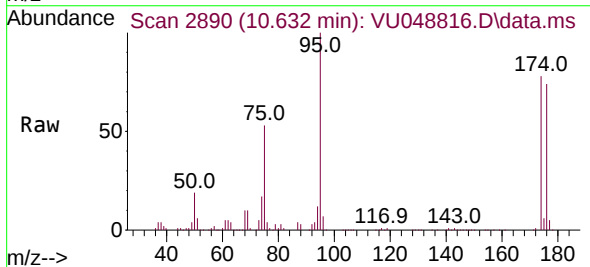
Instrument :
MSVOA_U
ClientSampleId :
WEST-DITCH-IN-20220527

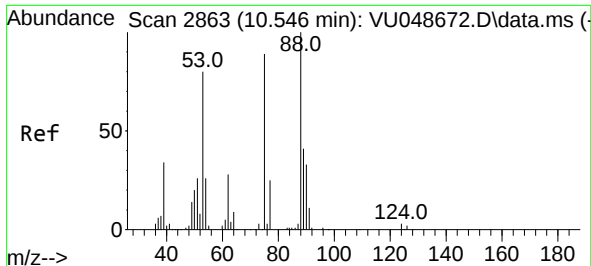
Tgt Ion:152 Resp: 214284
Ion Ratio Lower Upper
152 100
115 59.6 41.8 125.4
150 156.2 0.0 341.0



#76
1,2,3-Trichloropropane
Concen: 16.234 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

Tgt Ion: 75 Resp: 112161
Ion Ratio Lower Upper
75 100
77 1.1 14.8 44.3#

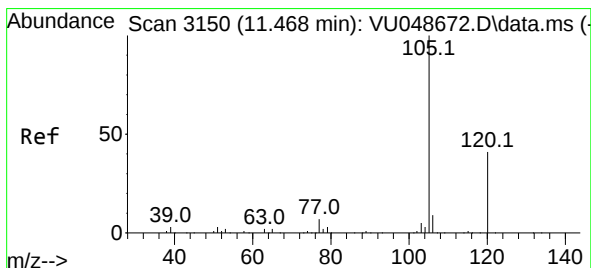
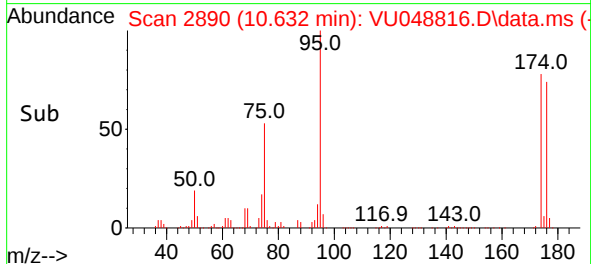
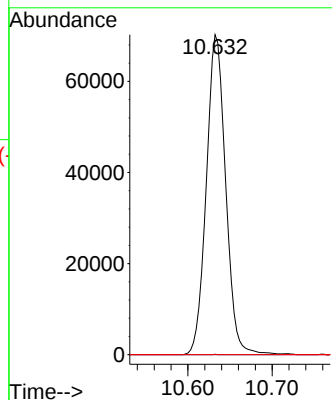
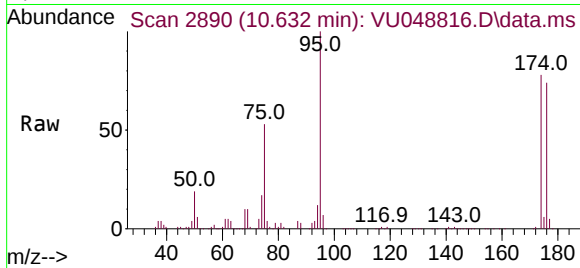




#81
trans-1,4-Dichloro-2-butene
Concen: 58.943 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

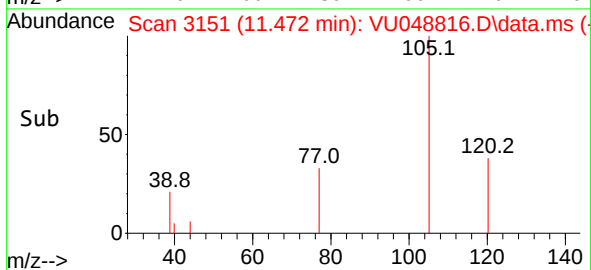
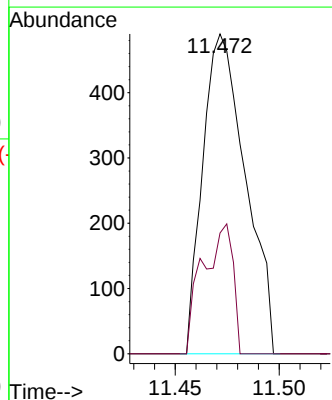
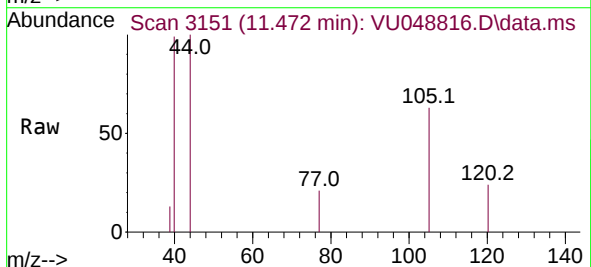
Instrument :
MSVOA_U
ClientSampleId :
WEST-DITCH-IN-20220527

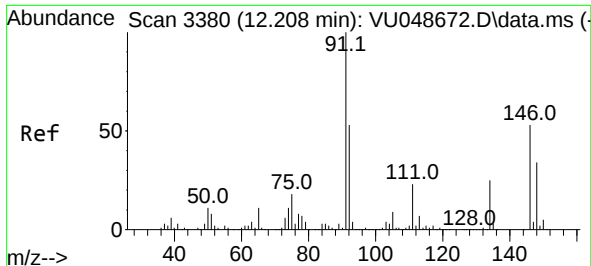
Tgt Ion: 75 Resp: 112161
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.240 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.004 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

Tgt Ion: 105 Resp: 702
Ion Ratio Lower Upper
105 100
120 28.5 22.5 67.5

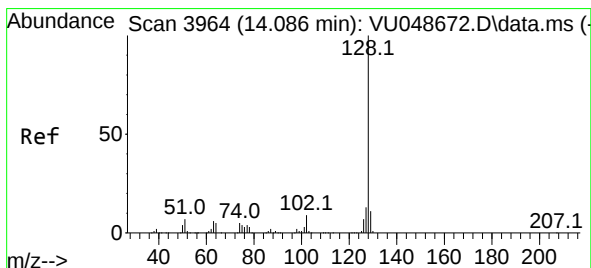
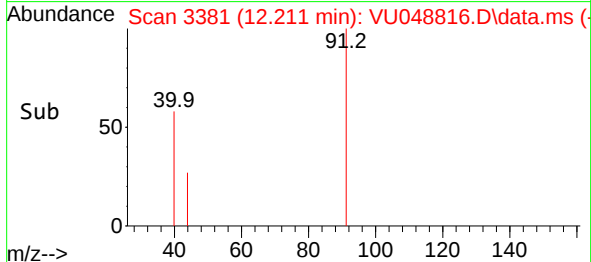
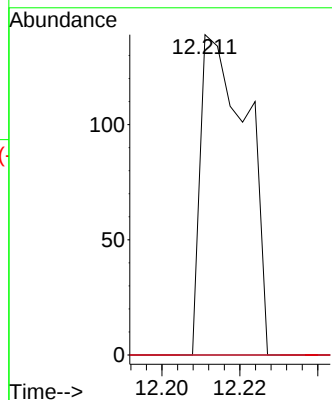
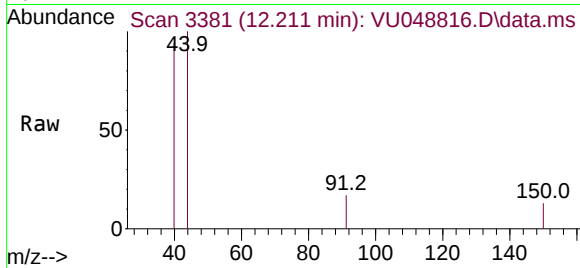




#89
n-Butylbenzene
Concen: 2.194 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

Instrument :
MSVOA_U
ClientSampleId :
WEST-DITCH-IN-20220527

Tgt Ion: 91 Resp: 114
Ion Ratio Lower Upper
91 100
92 0.0 25.9 77.8#
134 0.0 12.5 37.5#



#95
Naphthalene
Concen: 3.057 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU048816.D
Acq: 02 Jun 2022 20:08

Tgt Ion:128 Resp: 9319
Ion Ratio Lower Upper
128 100
127 11.8 10.2 15.4
129 7.8 8.7 13.1#

