

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070522\
 Data File : VU049615.D
 Acq On : 05 Jul 2022 14:00
 Operator : SY/MD
 Sample : N3564-27
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-16-2-4

Quant Time: Jul 06 07:47:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

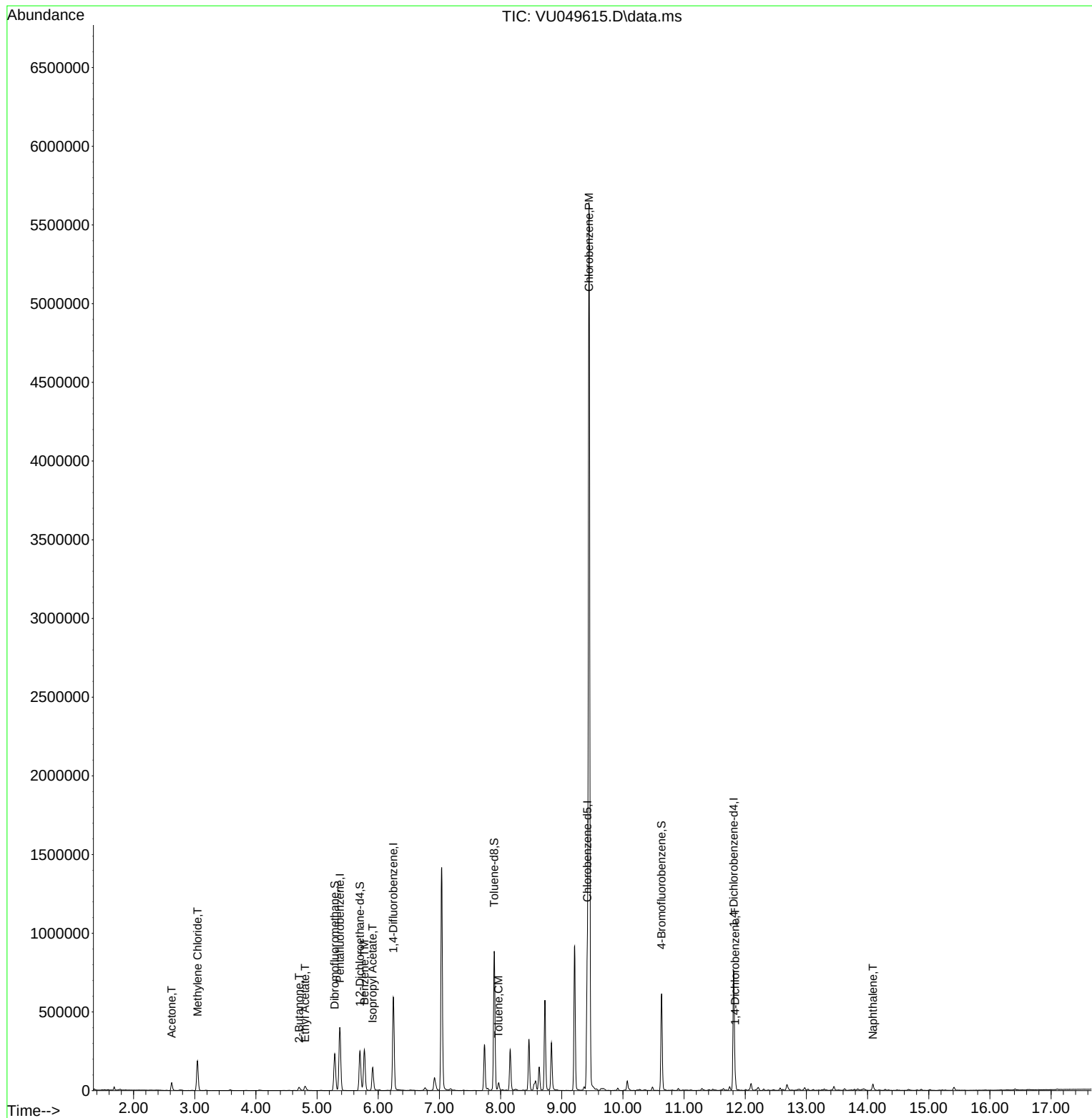
Internal Standards						
1) Pentafluorobenzene	5.372	168	274790	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	471813	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	438990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	199487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	184970	43.708	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.420%		
35) Dibromofluoromethane	5.288	113	149917	45.417	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.840%		
50) Toluene-d8	7.896	98	578375	49.125	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.260%		
62) 4-Bromofluorobenzene	10.632	95	208719	46.279	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.560%		
Target Compounds						
						Qvalue
16) Acetone	2.623	43	54621	25.594	ug/l	96
20) Methylene Chloride	3.044	84	87877	24.355	ug/l	89
25) 2-Butanone	4.706	43	31419	9.824	ug/l	94
37) Ethyl Acetate	4.806	43	38561	5.896	ug/l	# 93
40) Benzene	5.774	78	246355	17.048	ug/l	99
43) Isopropyl Acetate	5.909	43	153397	16.007	ug/l	97
52) Toluene	7.967	92	20164	2.348	ug/l	97
65) Chlorobenzene	9.446	112	2915274	324.836	ug/l	98
88) 1,4-Dichlorobenzene	11.835	146	26619	3.994	ug/l	89
95) Naphthalene	14.089	128	32686	3.756	ug/l	100

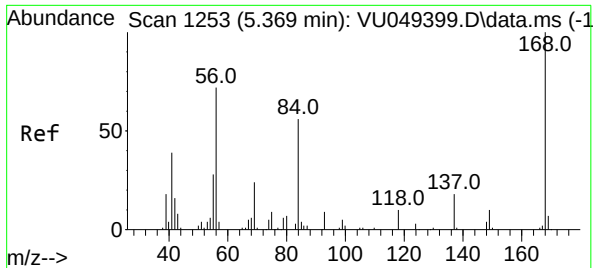
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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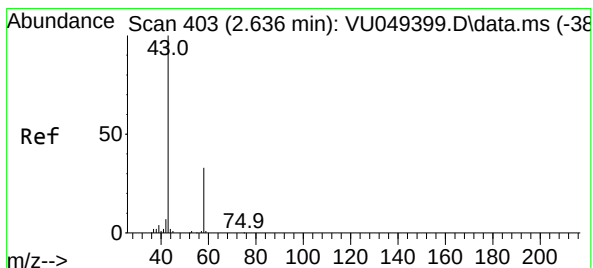
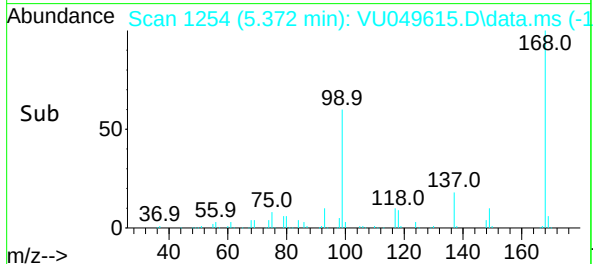
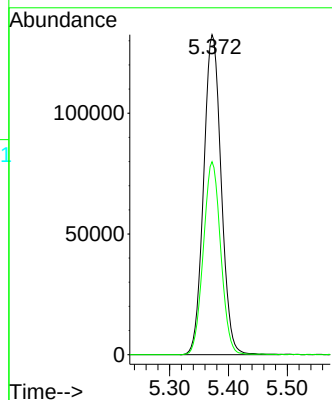
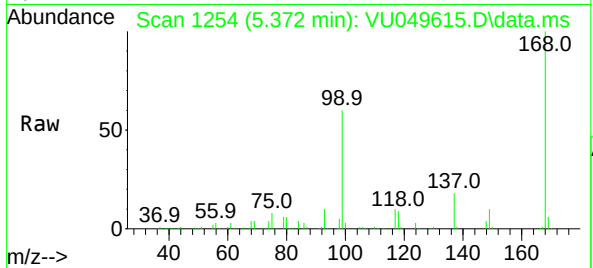




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049615.D
Acq: 05 Jul 2022 14:00

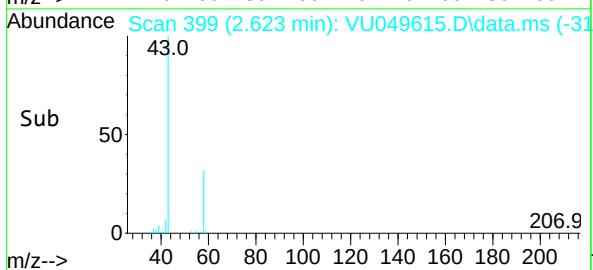
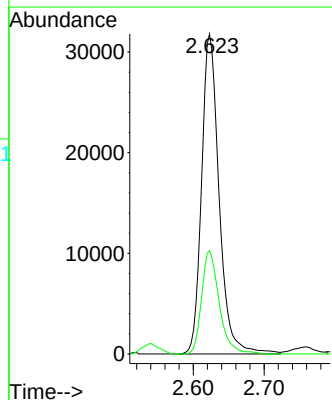
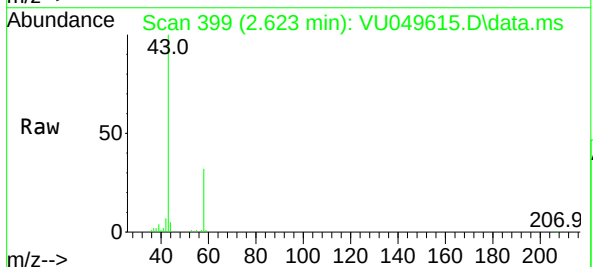
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-4

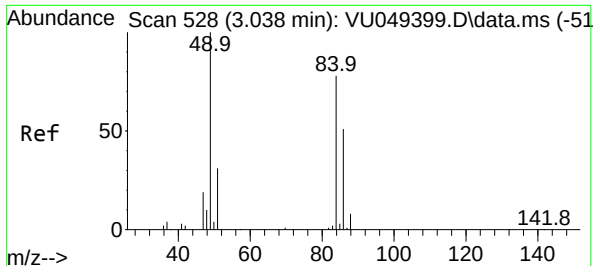
Tgt Ion:168 Resp: 274790
Ion Ratio Lower Upper
168 100
99 60.3 39.3 58.9#



#16
Acetone
Concen: 25.594 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.013 min
Lab File: VU049615.D
Acq: 05 Jul 2022 14:00

Tgt Ion: 43 Resp: 54621
Ion Ratio Lower Upper
43 100
58 32.2 27.5 41.3





#20

Methylene Chloride

Concen: 24.355 ug/l

RT: 3.044 min Scan# 51

Delta R.T. 0.006 min

Lab File: VU049615.D

Acq: 05 Jul 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

WC-16-2-4

Tgt Ion: 84 Resp: 87877

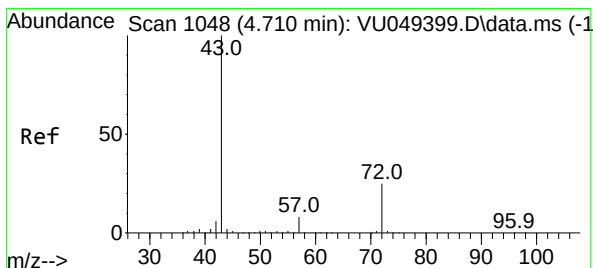
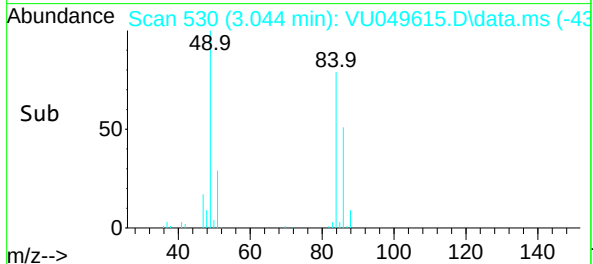
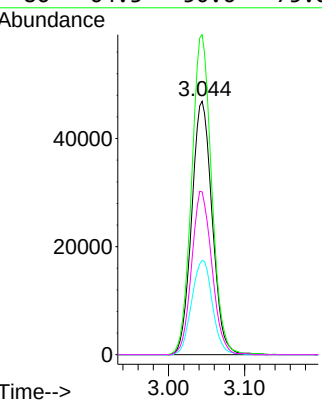
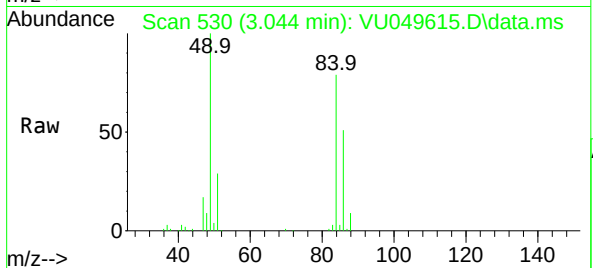
Ion Ratio Lower Upper

84 100

49 126.3 86.6 129.8

51 37.2 26.6 40.0

86 64.3 50.6 75.8



#25

2-Butanone

Concen: 9.824 ug/l

RT: 4.706 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU049615.D

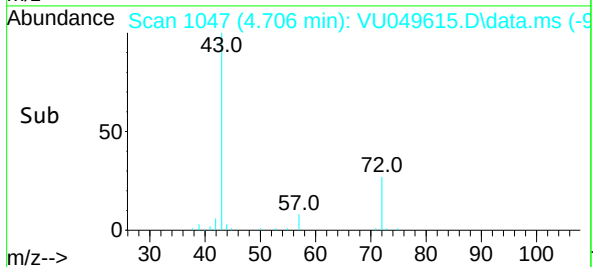
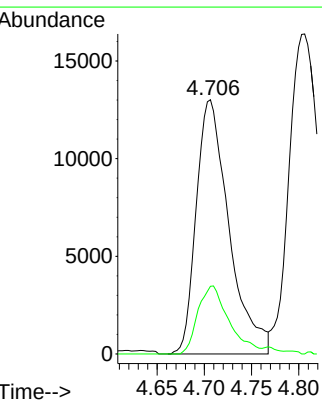
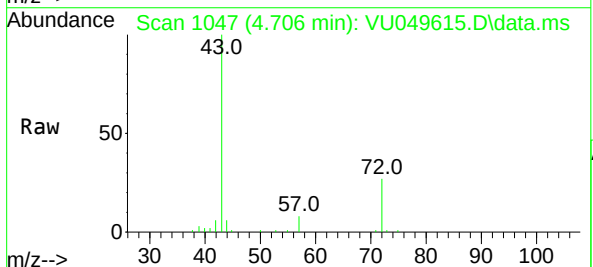
Acq: 05 Jul 2022 14:00

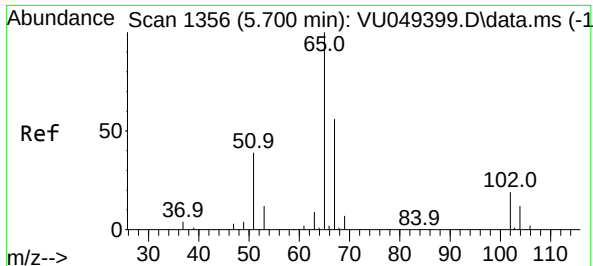
Tgt Ion: 43 Resp: 31419

Ion Ratio Lower Upper

43 100

72 26.6 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 43.708 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049615.D

Acq: 05 Jul 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

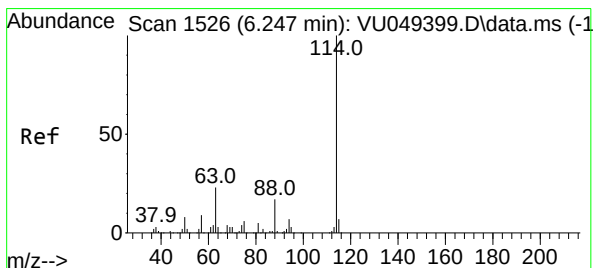
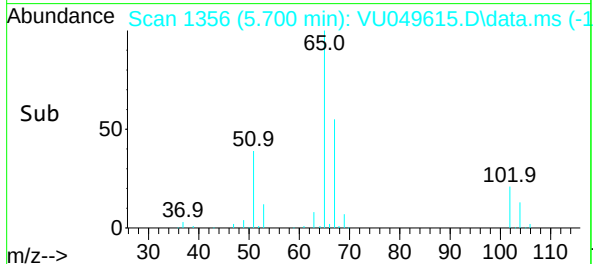
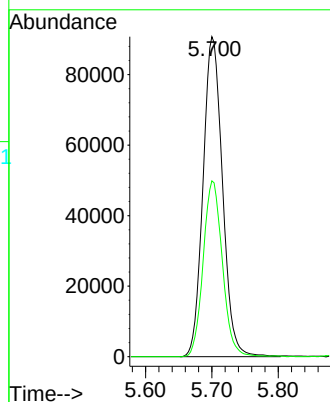
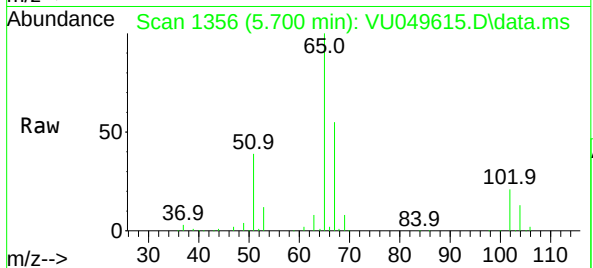
WC-16-2-4

Tgt Ion: 65 Resp: 184970

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049615.D

Acq: 05 Jul 2022 14:00

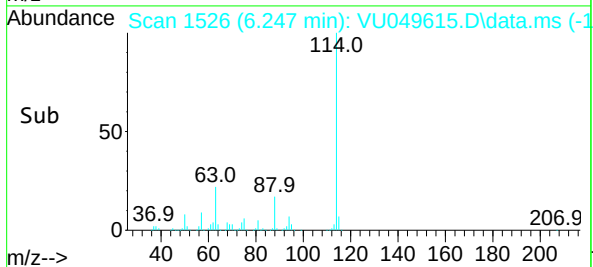
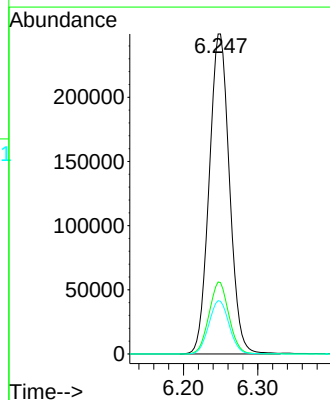
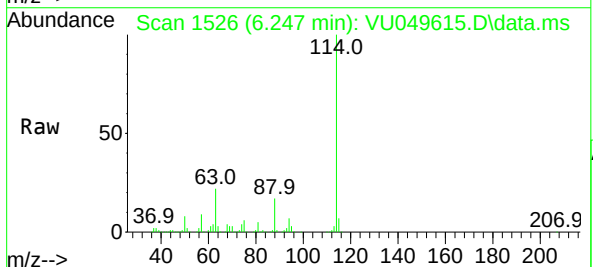
Tgt Ion: 114 Resp: 471813

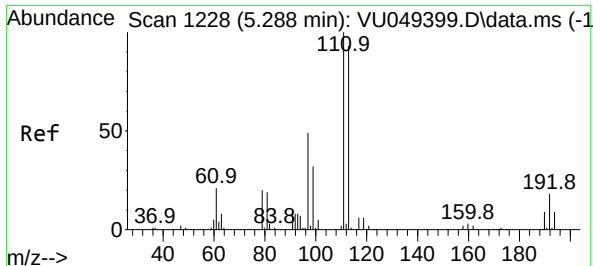
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

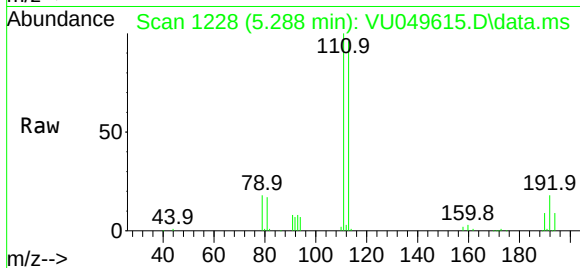
88 16.7 0.0 29.2



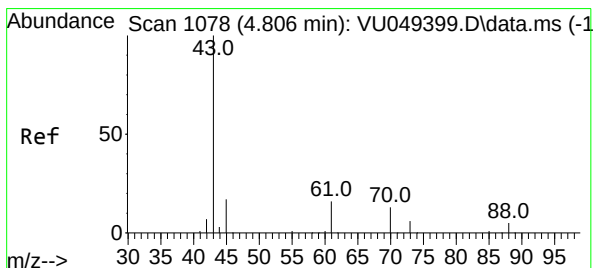
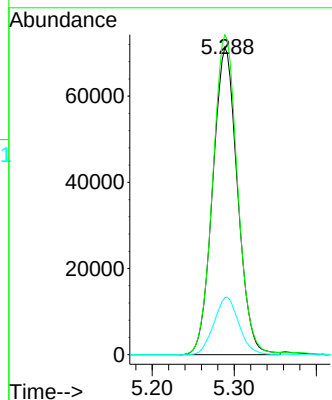
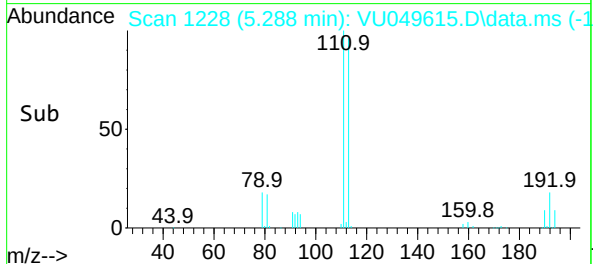


#35
Dibromofluoromethane
Concen: 45.417 ug/l
RT: 5.288 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049615.D
Acq: 05 Jul 2022 14:00

Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-4

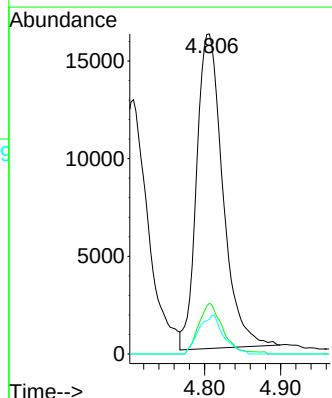
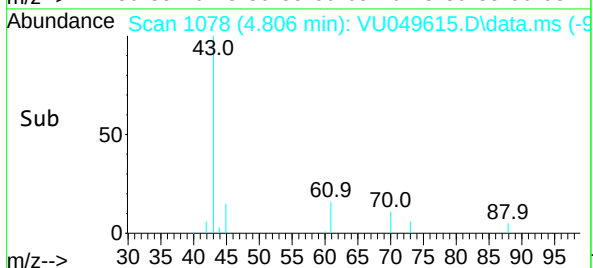
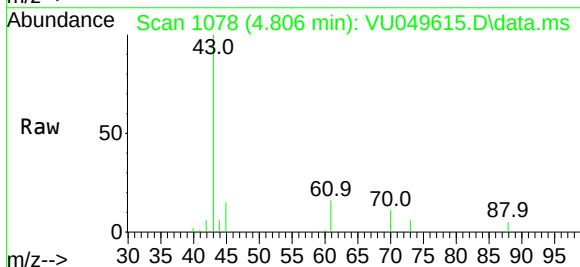


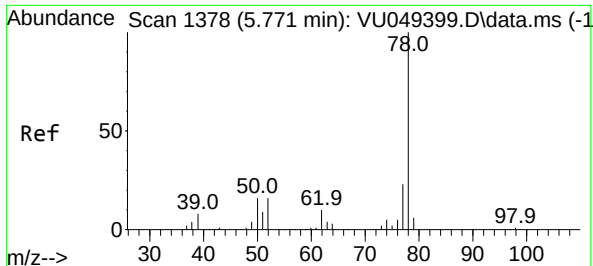
Tgt Ion:113 Resp: 149917
Ion Ratio Lower Upper
113 100
111 103.9 82.1 123.1
192 18.8 18.0 27.0



#37
Ethyl Acetate
Concen: 5.896 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU049615.D
Acq: 05 Jul 2022 14:00

Tgt Ion: 43 Resp: 38561
Ion Ratio Lower Upper
43 100
61 14.8 9.5 14.3#
70 11.6 7.5 11.3#

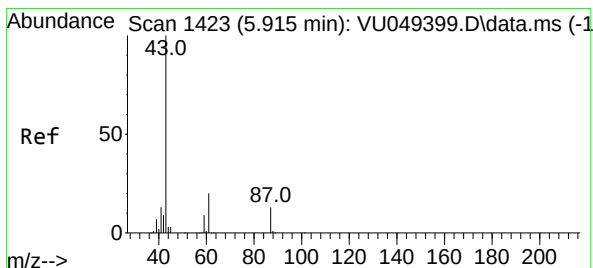
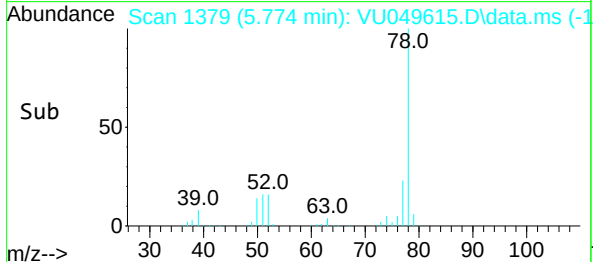
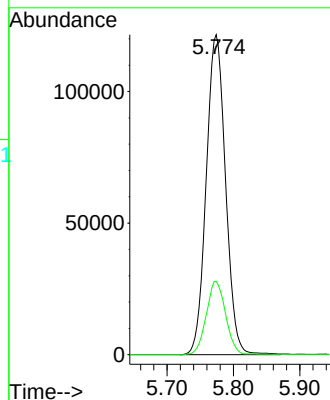
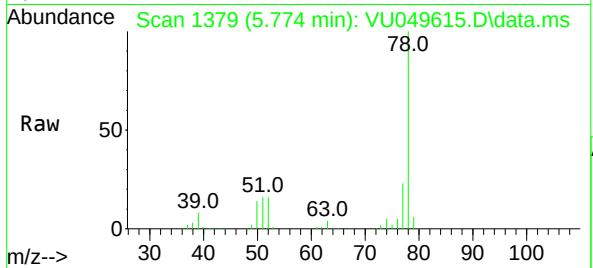




#40
Benzene
Concen: 17.048 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049615.D
Acq: 05 Jul 2022 14:00

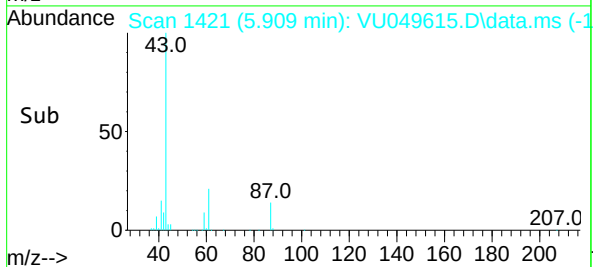
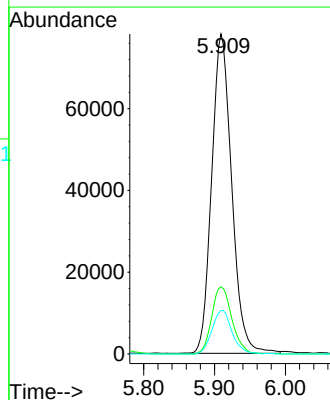
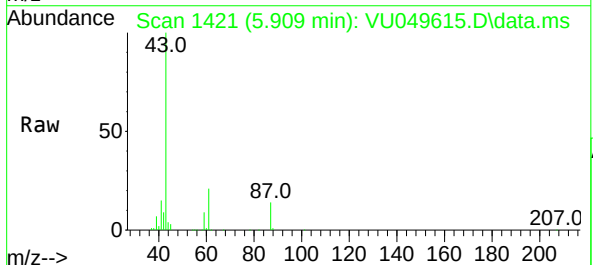
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-4

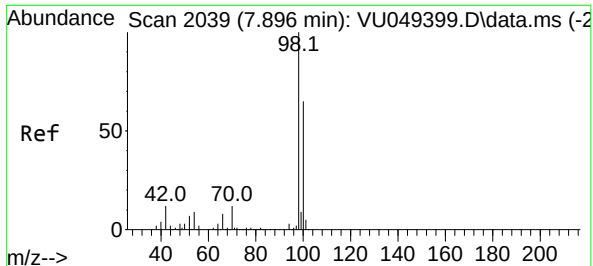
Tgt Ion: 78 Resp: 246355
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2



#43
Isopropyl Acetate
Concen: 16.007 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VU049615.D
Acq: 05 Jul 2022 14:00

Tgt Ion: 43 Resp: 153397
Ion Ratio Lower Upper
43 100
61 21.2 17.4 26.0
87 13.6 12.6 18.8

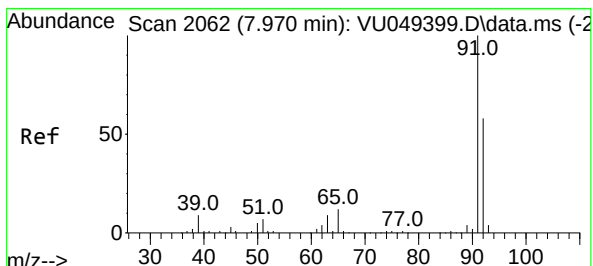
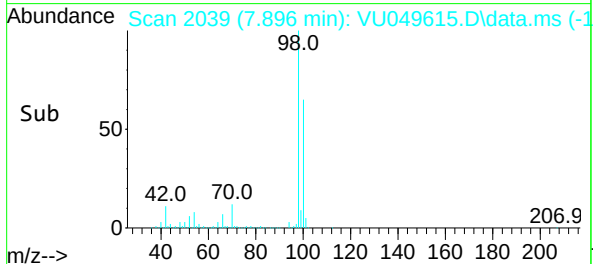
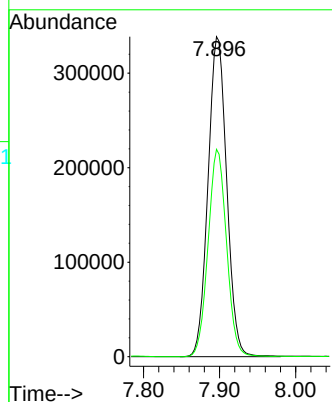
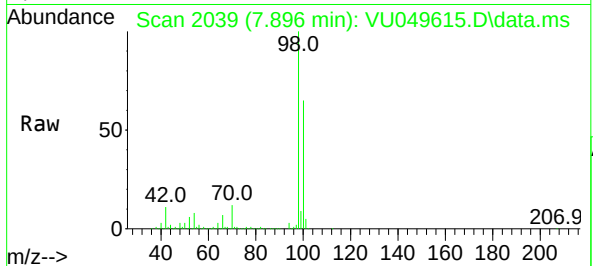




#50
Toluene-d8
Concen: 49.125 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049615.D
Acq: 05 Jul 2022 14:00

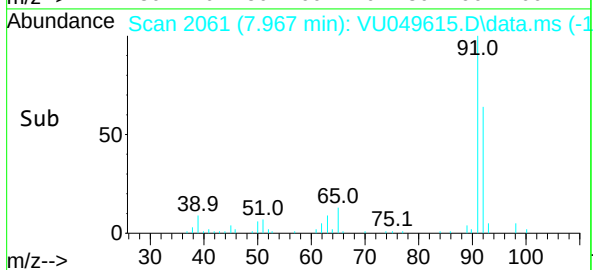
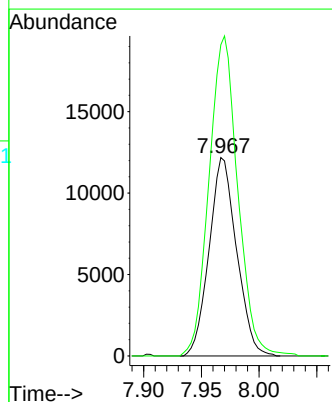
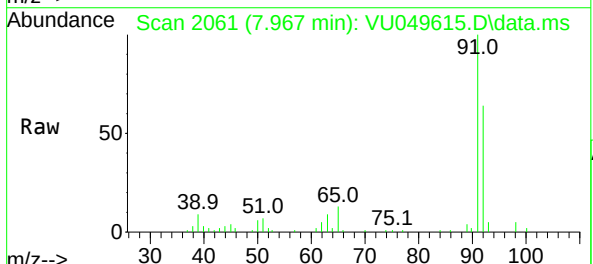
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ClientSampleId :
WC-16-2-4

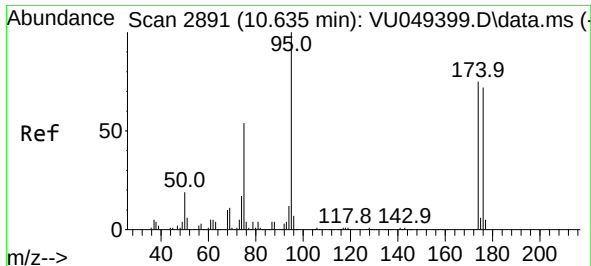
Tgt Ion: 98 Resp: 578375
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#52
Toluene
Concen: 2.348 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VU049615.D
Acq: 05 Jul 2022 14:00

Tgt Ion: 92 Resp: 20164
Ion Ratio Lower Upper
92 100
91 168.4 138.2 207.4

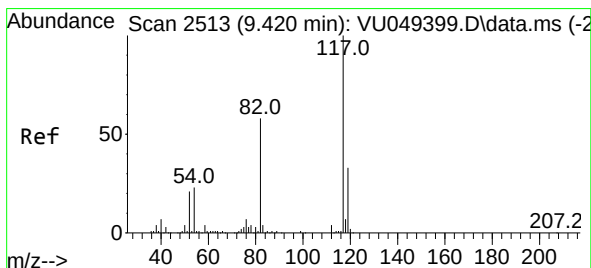
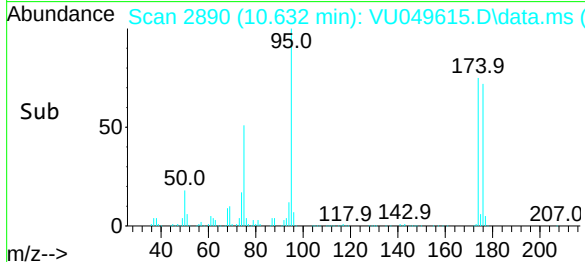
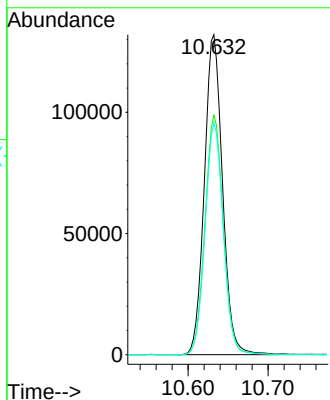
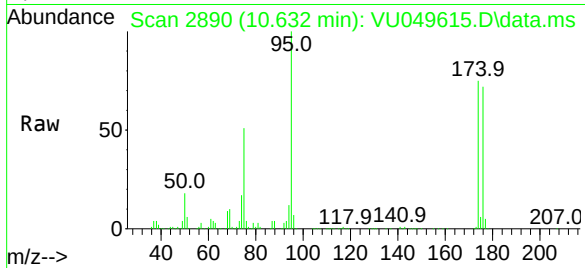




#62
4-Bromofluorobenzene
Concen: 46.279 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049615.D
Acq: 05 Jul 2022 14:00

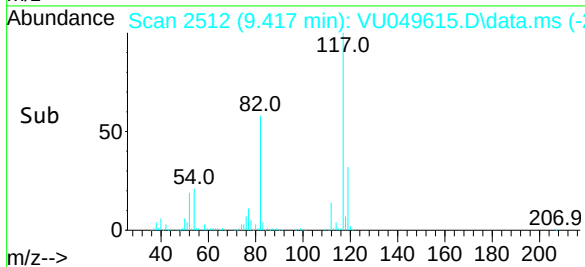
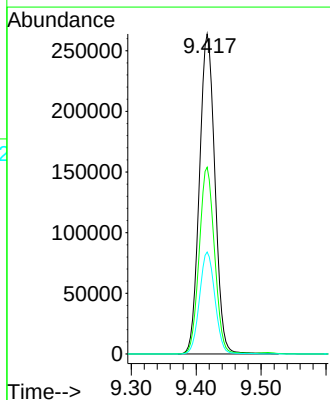
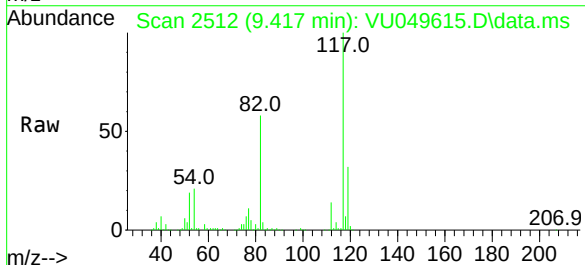
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-4

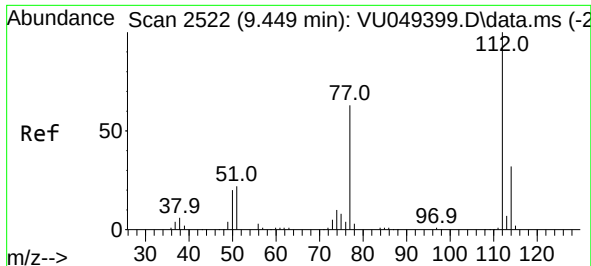
Tgt Ion: 95 Resp: 208719
Ion Ratio Lower Upper
95 100
174 75.6 0.0 182.0
176 72.5 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049615.D
Acq: 05 Jul 2022 14:00

Tgt Ion: 117 Resp: 438990
Ion Ratio Lower Upper
117 100
82 58.3 41.7 62.5
119 31.9 25.7 38.5

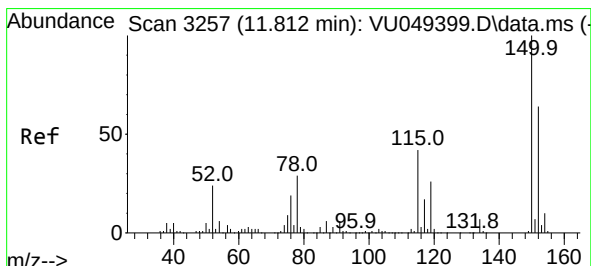
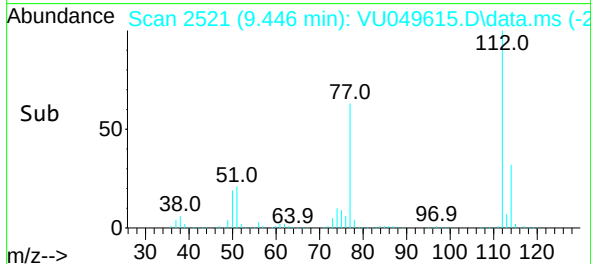
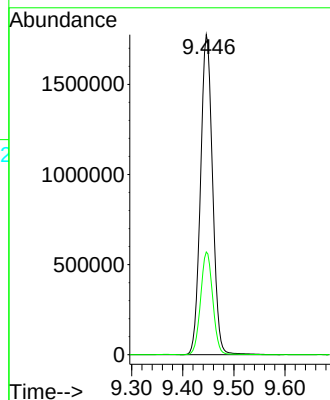
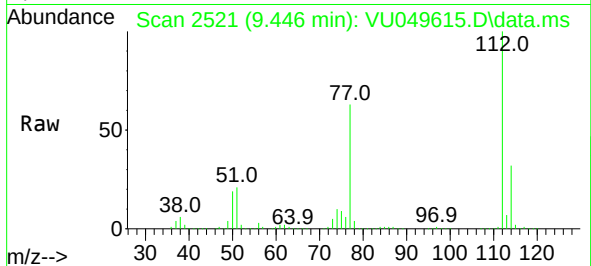




#65
Chlorobenzene
Concen: 324.836 ug/l
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049615.D
Acq: 05 Jul 2022 14:00

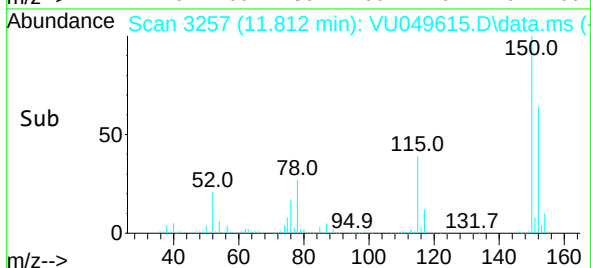
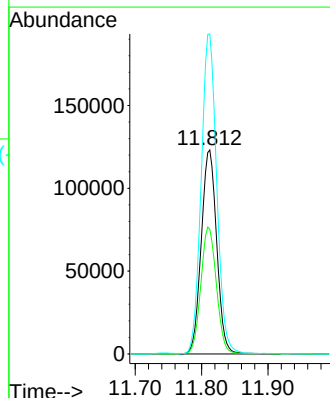
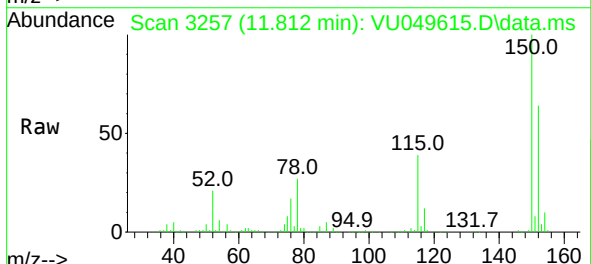
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-4

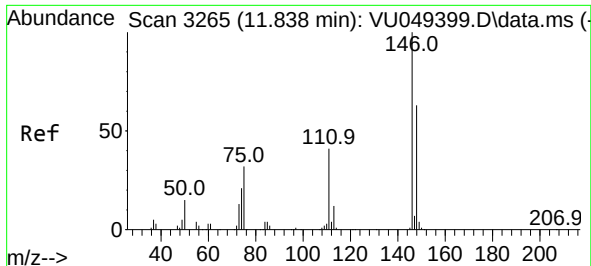
Tgt Ion:112 Resp: 2915274
Ion Ratio Lower Upper
112 100
114 32.1 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049615.D
Acq: 05 Jul 2022 14:00

Tgt Ion:152 Resp: 199487
Ion Ratio Lower Upper
152 100
115 62.5 37.0 110.9
150 157.2 0.0 342.2

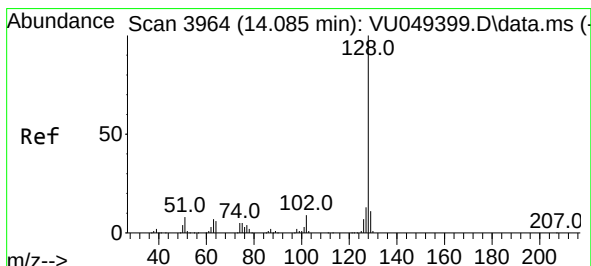
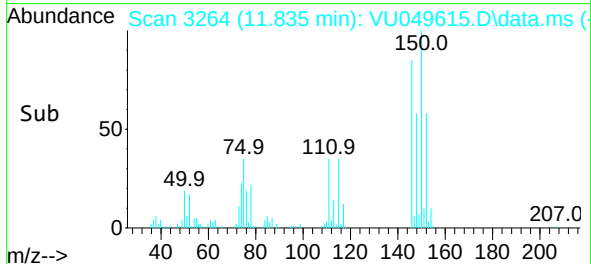
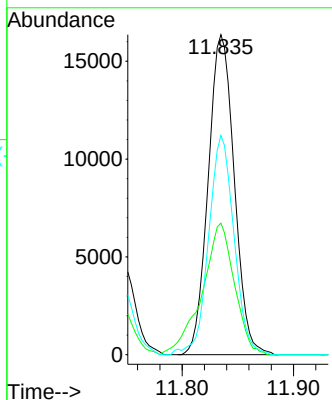
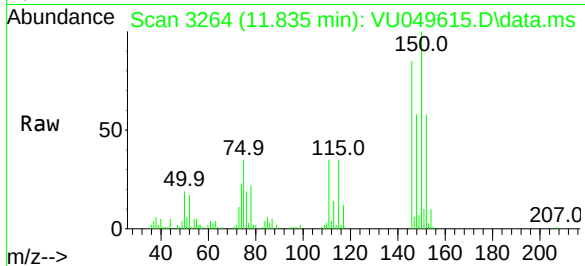




#88
 1,4-Dichlorobenzene
 Concen: 3.994 ug/l
 RT: 11.835 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049615.D
 Acq: 05 Jul 2022 14:00

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-16-2-4

Tgt Ion:146 Resp: 26619
 Ion Ratio Lower Upper
 146 100
 111 51.0 18.5 55.5
 148 66.9 31.9 95.7



#95
 Naphthalene
 Concen: 3.756 ug/l
 RT: 14.089 min Scan# 3965
 Delta R.T. 0.003 min
 Lab File: VU049615.D
 Acq: 05 Jul 2022 14:00

Tgt Ion:128 Resp: 32686
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.3 15.5
 129 10.8 8.6 13.0

