

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048465.D
 Acq On : 06 May 2022 19:17
 Operator : SY/MD
 Sample : N2710-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXLA8

Quant Time: May 07 04:11:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:43:33 2022
 Response via : Initial Calibration

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

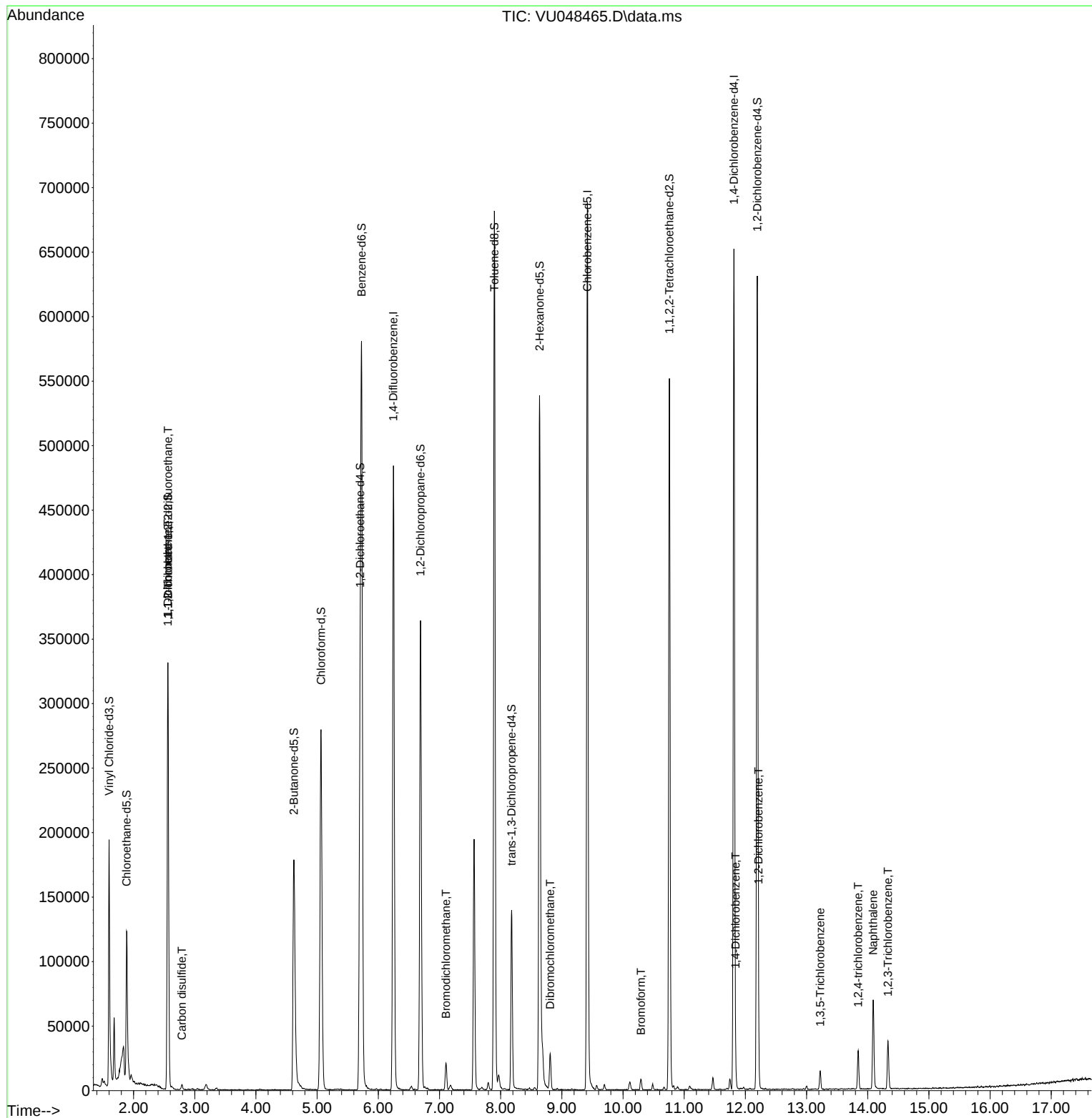
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	382494	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	373795	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	168193	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	148035	44.939	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.880%		
7) Chloroethane-d5	1.887	69	101812	47.358	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.720%		
11) 1,1-Dichloroethene-d2	2.562	63	197809	33.741	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.480%		
21) 2-Butanone-d5	4.620	46	270736	96.506	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.510%		
24) Chloroform-d	5.063	84	257734	45.046	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.100%		
26) 1,2-Dichloroethane-d4	5.703	65	176678	47.503	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.000%		
32) Benzene-d6	5.726	84	533023	46.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.860%		
36) 1,2-Dichloropropane-d6	6.690	67	176025	47.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.040%		
41) Toluene-d8	7.896	98	450750	44.869	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.740%		
43) trans-1,3-Dichloroprop...	8.179	79	77898	45.691	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.380%		
47) 2-Hexanone-d5	8.636	63	184344	102.824	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.820%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	274707	48.688	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.380%		
66) 1,2-Dichlorobenzene-d4	12.195	152	161965	48.631	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.260%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2087	0.736	ug/L #	24
12) 1,1-Dichloroethene	2.559	96	1576	0.588	ug/L #	1
14) Carbon disulfide	2.790	76	4768	0.574	ug/L	99
38) Bromodichloromethane	7.105	83	14233	3.254	ug/L	94
49) Dibromochloromethane	8.809	129	14498	4.156	ug/L	92
59) Bromoform	10.295	173	3919	1.643	ug/L #	92
65) 1,4-Dichlorobenzene	11.838	146	5360	0.962	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	4867	0.856	ug/L	94
69) 1,3,5-Trichlorobenzene	13.224	180	5095	1.296	ug/L	91
70) 1,2,4-trichlorobenzene	13.841	180	8784	2.574	ug/L	91
71) Naphthalene	14.089	128	59701	4.542	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	12594	3.469	ug/L	97

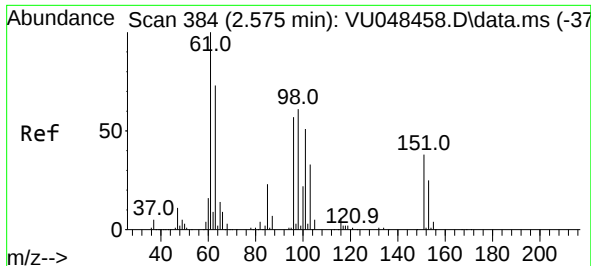
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 06 23:43:33 2022
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.736 ug/L

RT: 2.562 min Scan# 3

Delta R.T. -0.013 min

Lab File: VU048465.D

Acq: 06 May 2022 19:17

Instrument :

MSVOA_U

ClientSampleId :

EXLA8

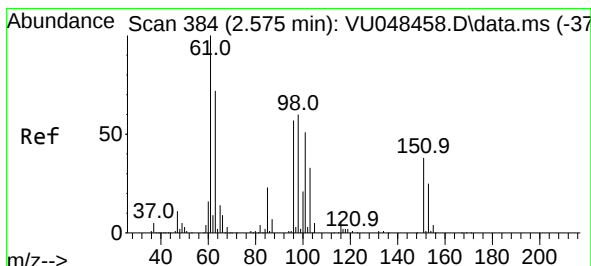
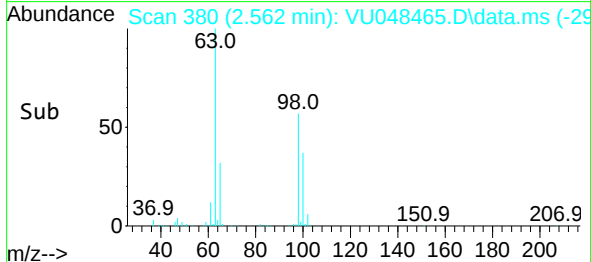
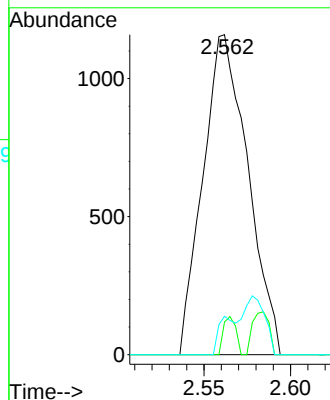
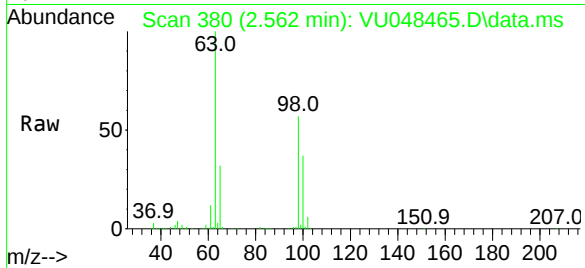
Tgt Ion:101 Resp: 2087

Ion Ratio Lower Upper

101 100

85 3.3 34.8 52.2#

151 4.5 60.7 91.1#



#12

1,1-Dichloroethene

Concen: 0.588 ug/L

RT: 2.559 min Scan# 379

Delta R.T. -0.016 min

Lab File: VU048465.D

Acq: 06 May 2022 19:17

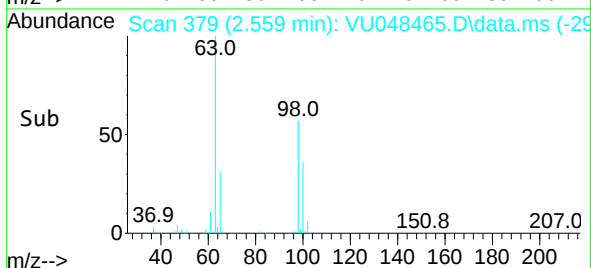
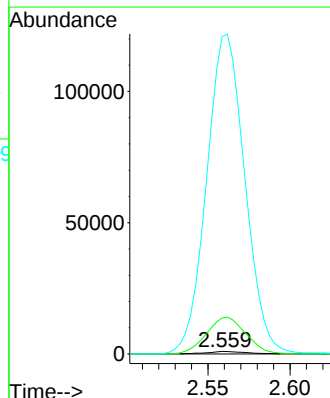
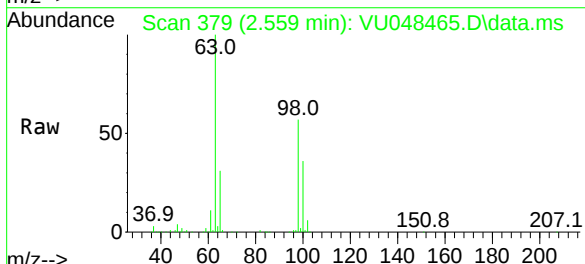
Tgt Ion: 96 Resp: 1576

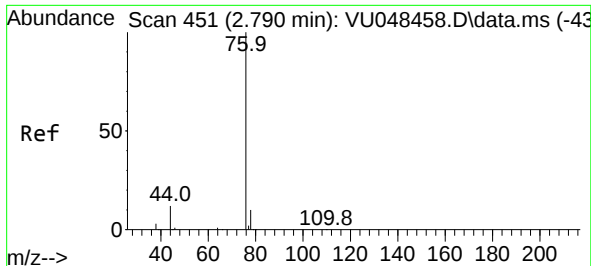
Ion Ratio Lower Upper

96 100

61 1428.6 124.5 231.3#

63 12575.2 92.5 171.9#

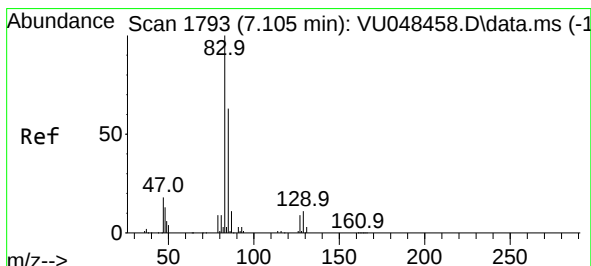
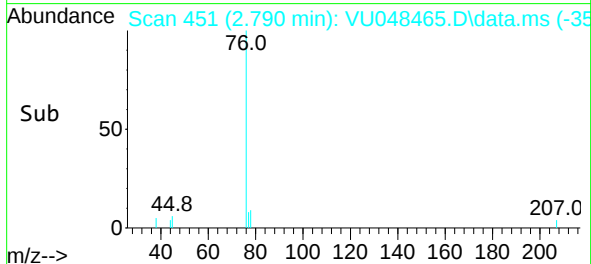
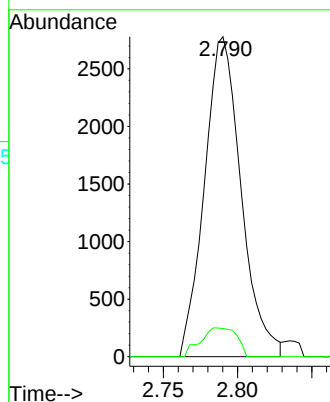
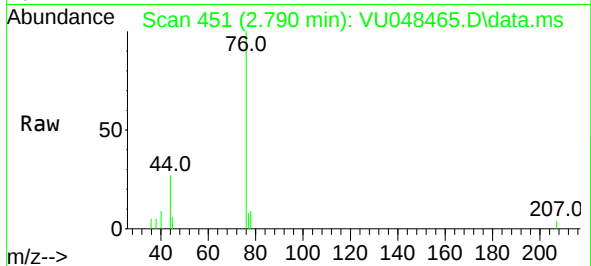




#14
Carbon disulfide
Concen: 0.574 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU048465.D
Acq: 06 May 2022 19:17

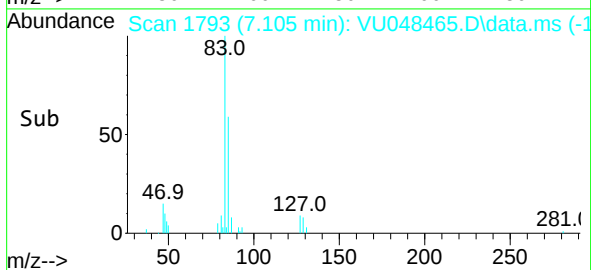
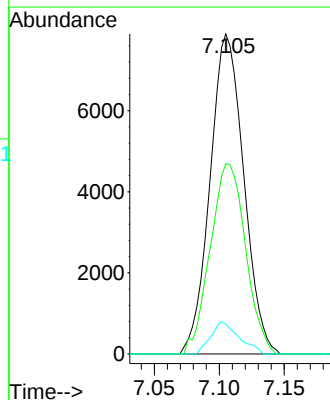
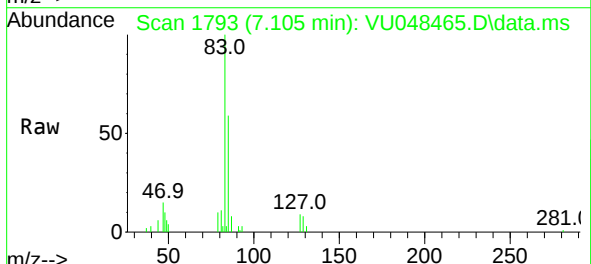
Instrument :
MSVOA_U
ClientSampleId :
EXLA8

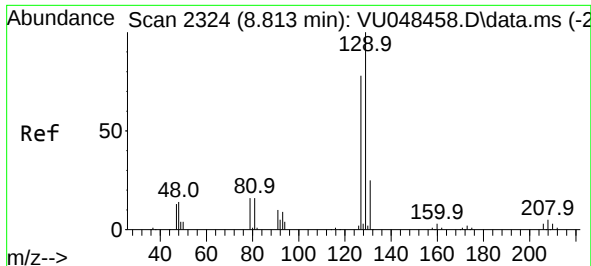
Tgt Ion: 76 Resp: 4768
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#38
Bromodichloromethane
Concen: 3.254 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU048465.D
Acq: 06 May 2022 19:17

Tgt Ion: 83 Resp: 14233
Ion Ratio Lower Upper
83 100
85 59.5 45.5 84.5
127 9.3 6.9 10.3

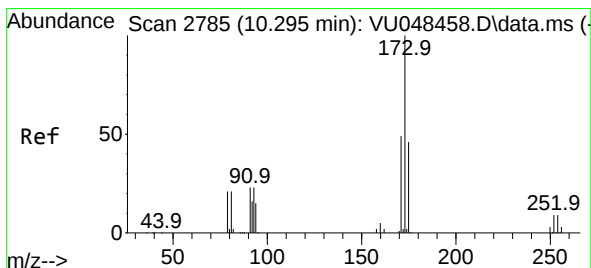
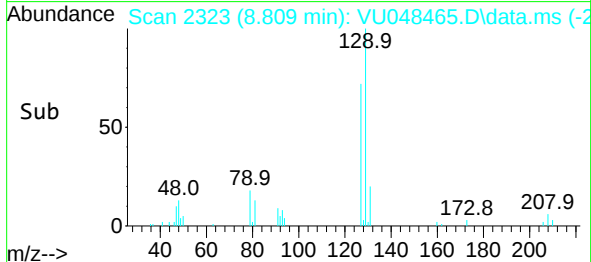
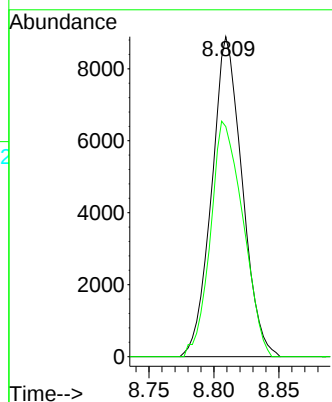
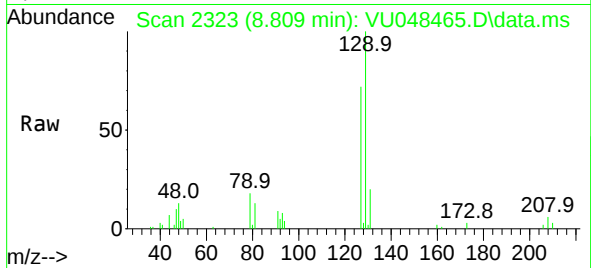




#49
Dibromochloromethane
Concen: 4.156 ug/L
RT: 8.809 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048465.D
Acq: 06 May 2022 19:17

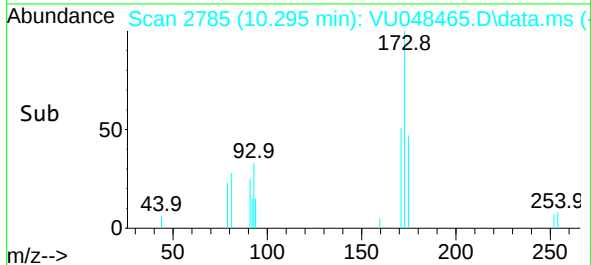
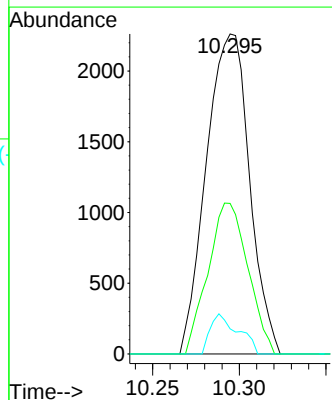
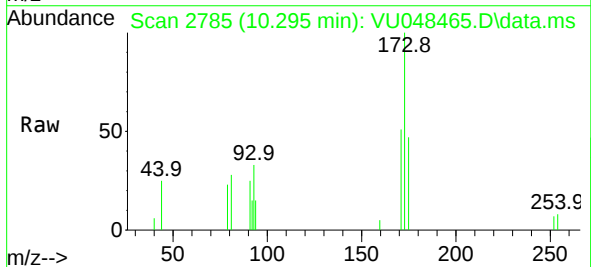
Instrument :
MSVOA_U
ClientSampleId :
EXLA8

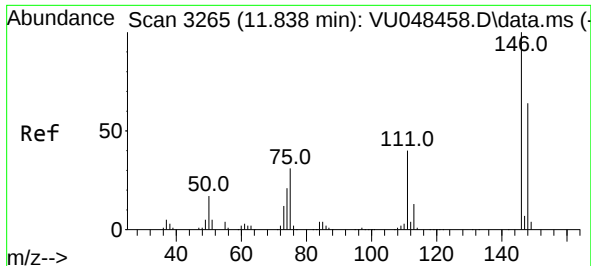
Tgt Ion:129 Resp: 14498
Ion Ratio Lower Upper
129 100
127 71.9 55.2 102.4



#59
Bromoform
Concen: 1.643 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU048465.D
Acq: 06 May 2022 19:17

Tgt Ion:173 Resp: 3919
Ion Ratio Lower Upper
173 100
175 43.5 39.1 58.7
254 6.0 7.3 10.9#

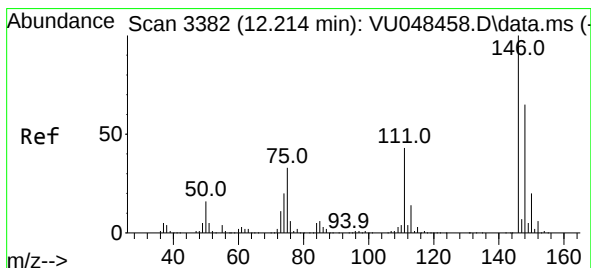
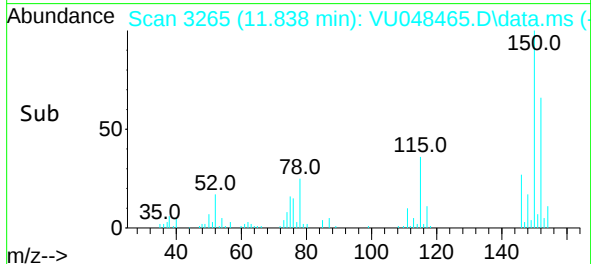
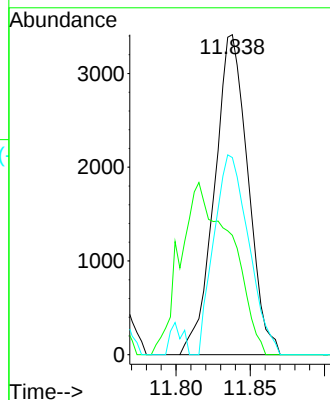
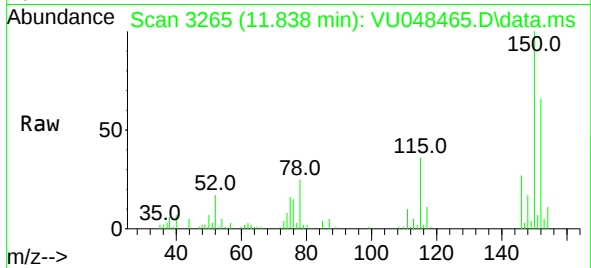




#65
1,4-Dichlorobenzene
Concen: 0.962 ug/L
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048465.D
Acq: 06 May 2022 19:17

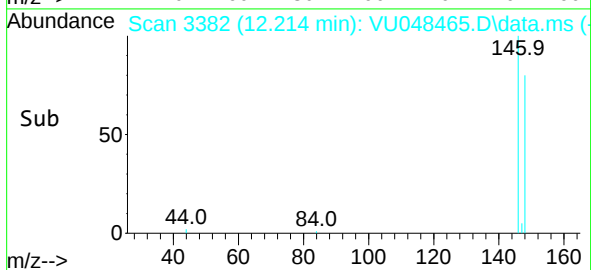
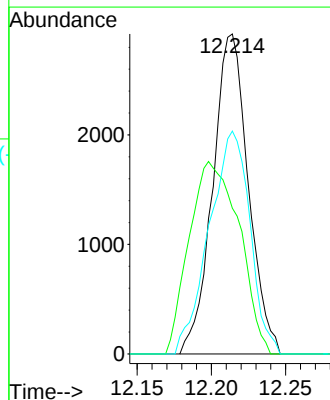
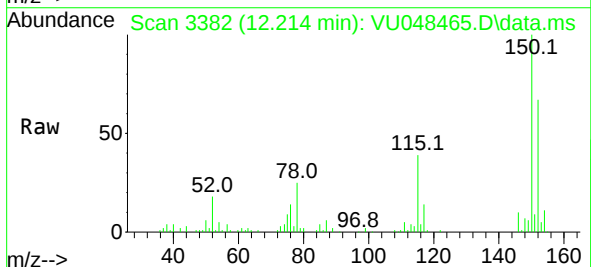
Instrument :
MSVOA_U
ClientSampleId :
EXLA8

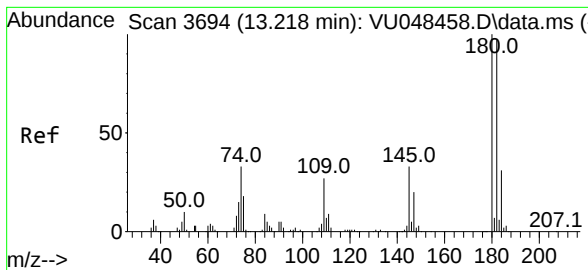
Tgt Ion:146 Resp: 5360
Ion Ratio Lower Upper
146 100
111 37.3 28.4 52.8
148 61.6 43.4 80.6



#67
1,2-Dichlorobenzene
Concen: 0.856 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048465.D
Acq: 06 May 2022 19:17

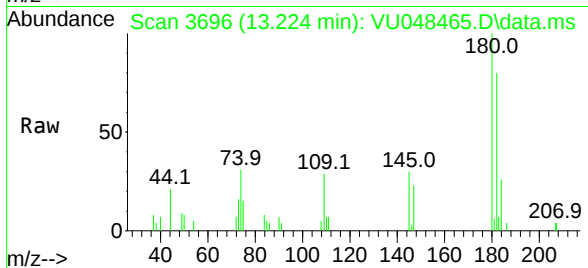
Tgt Ion:146 Resp: 4867
Ion Ratio Lower Upper
146 100
111 45.6 34.9 52.3
148 69.6 50.8 76.2



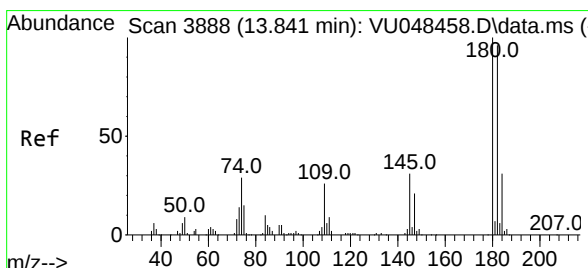
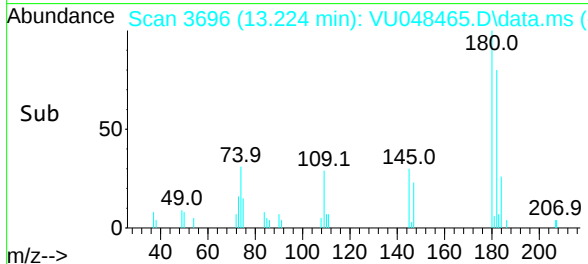
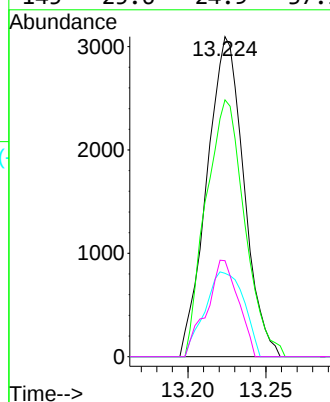


#69
 1,3,5-Trichlorobenzene
 Concen: 1.296 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.006 min
 Lab File: VU048465.D
 Acq: 06 May 2022 19:17

Instrument :
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 ClientSampleId :
 EXLA8

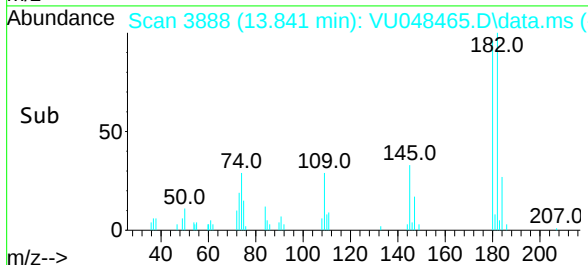
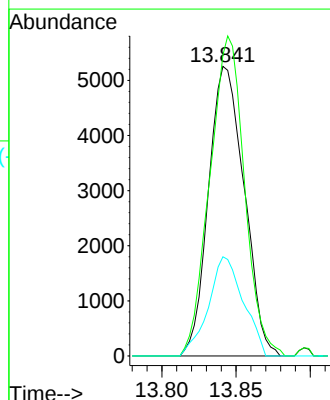
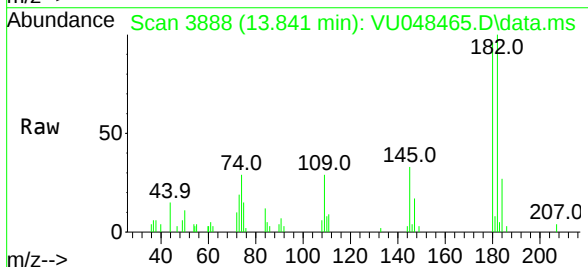


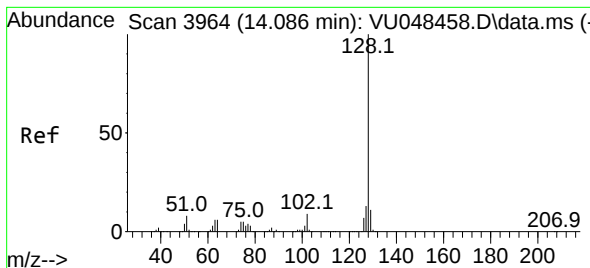
Tgt Ion:180 Resp: 5095
 Ion Ratio Lower Upper
 180 100
 182 84.1 75.7 113.5
 184 27.9 23.8 35.8
 145 25.6 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 2.574 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048465.D
 Acq: 06 May 2022 19:17

Tgt Ion:180 Resp: 8784
 Ion Ratio Lower Upper
 180 100
 182 107.1 77.1 115.7
 145 33.4 24.9 37.3





#71

Naphthalene

Concen: 4.542 ug/L

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU048465.D

Acq: 06 May 2022 19:17

Instrument :

MSVOA_U

ClientSampleId :

EXLA8

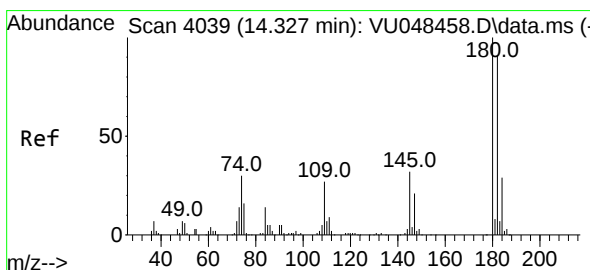
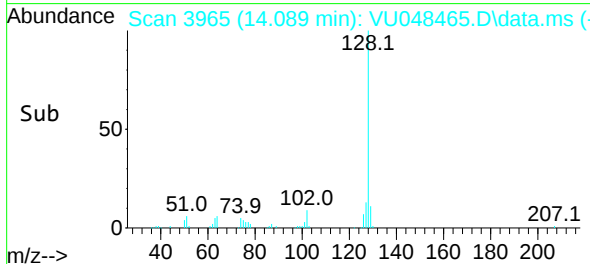
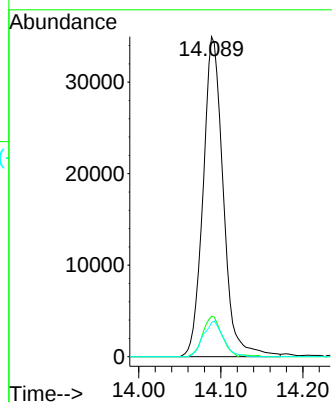
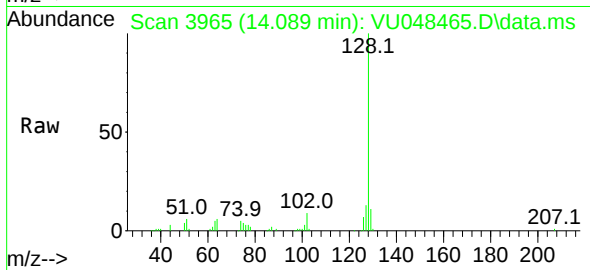
Tgt Ion:128 Resp: 59701

Ion Ratio Lower Upper

128 100

127 11.9 10.5 15.7

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 3.469 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU048465.D

Acq: 06 May 2022 19:17

Tgt Ion:180 Resp: 12594

Ion Ratio Lower Upper

180 100

182 91.5 75.4 113.2

145 31.0 26.4 39.6

