

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049113.D
 Acq On : 14 Jun 2022 14:58
 Operator : SY/MD
 Sample : N3278-02 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BC9

Quant Time: Jun 15 03:16:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 03:15:08 2022
 Response via : Initial Calibration

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

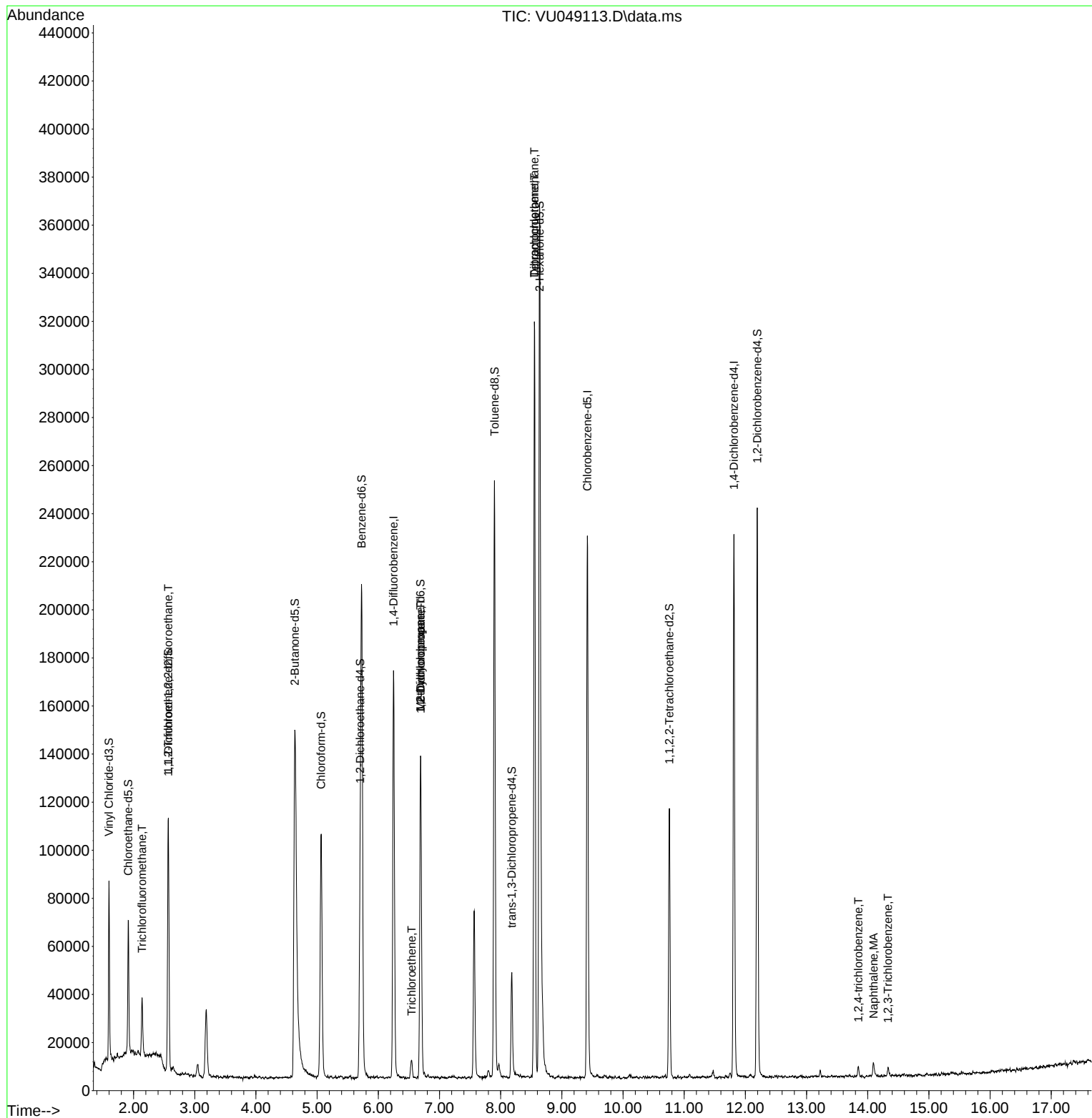
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	133046	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	125065	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57411	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52240	4.494	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.912	69	37490	4.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.568	65	20521	4.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.636	46	198180	63.846	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.700%
24) Chloroform-d	5.067	84	91866	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.703	65	54972	5.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.729	84	184446	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.690	67	65149	5.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.899	98	162376	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.182	79	25453	4.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.636	63	132610	57.866	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	58715	5.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	60674	5.507	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.137	101	15034	1.158	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	599	0.078	ug/L #	27
34) Trichloroethene	6.546	95	2363	0.248	ug/L	89
35) Methylcyclohexane	6.690	83	14604	0.915	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	7074	0.692	ug/L #	89
47) Tetrachloroethene	8.552	164	66259	10.101	ug/L	98
49) Dibromochloromethane	8.552	129	66456	8.171	ug/L #	10
70) 1,2,4-trichlorobenzene	13.848	180	1541	0.154	ug/L #	92
71) Naphthalene	14.095	128	5862	0.296	ug/L #	88
72) 1,2,3-Trichlorobenzene	14.330	180	1297	0.138	ug/L	97

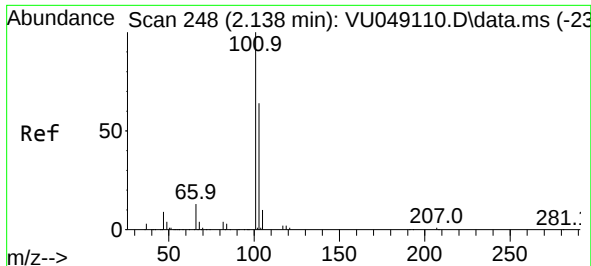
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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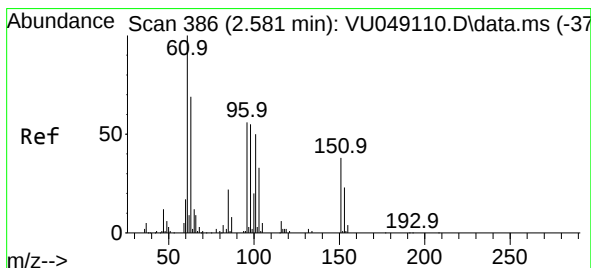
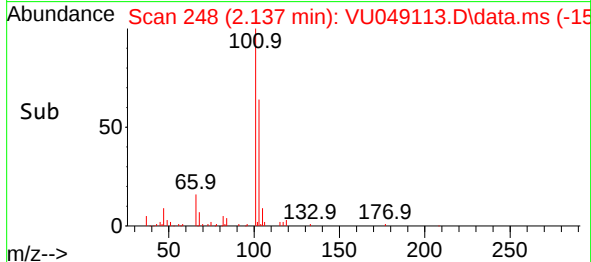
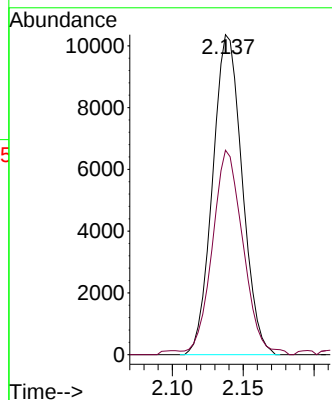
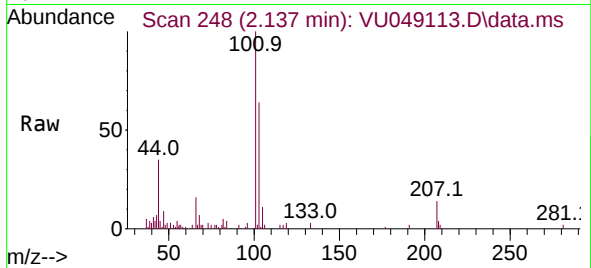




#9
 Trichlorofluoromethane
 Concen: 1.158 ug/L
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU049113.D
 Acq: 14 Jun 2022 14:58

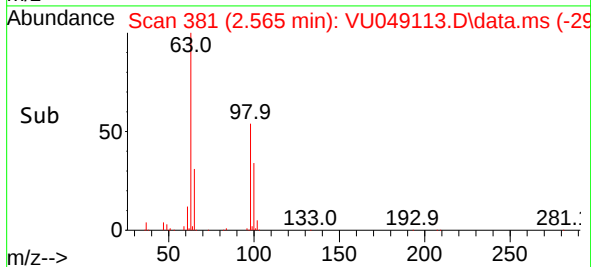
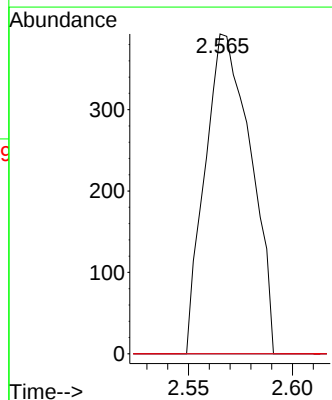
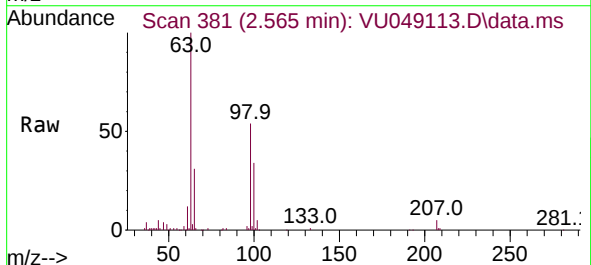
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BC9

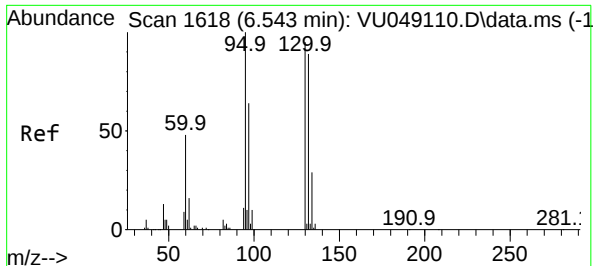
Tgt Ion:101 Resp: 15034
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.078 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU049113.D
 Acq: 14 Jun 2022 14:58

Tgt Ion:101 Resp: 599
 Ion Ratio Lower Upper
 101 100
 85 11.2 36.1 54.1#
 151 0.0 56.8 85.2#





#34

Trichloroethene

Concen: 0.248 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049113.D

Acq: 14 Jun 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

C0BC9

Tgt Ion: 95 Resp: 2363

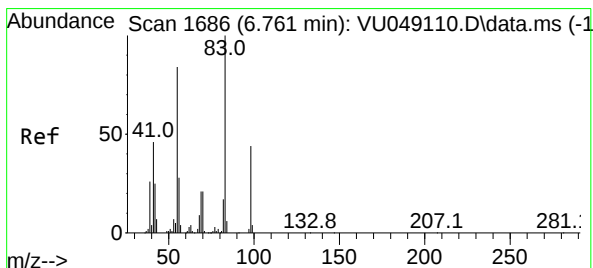
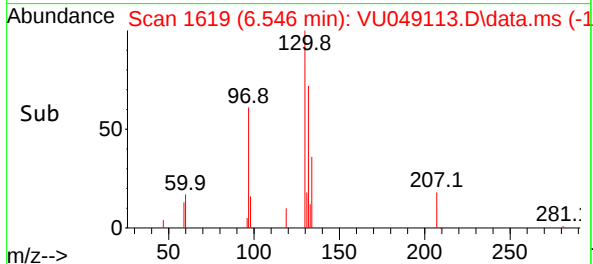
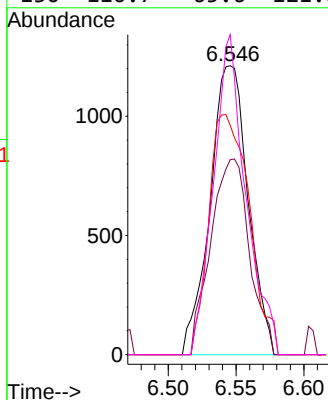
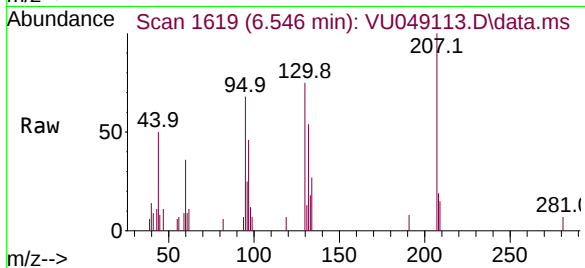
Ion Ratio Lower Upper

95 100

97 67.5 45.3 84.1

132 79.4 61.5 114.3

130 110.7 65.6 121.8



#35

Methylcyclohexane

Concen: 0.915 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049113.D

Acq: 14 Jun 2022 14:58

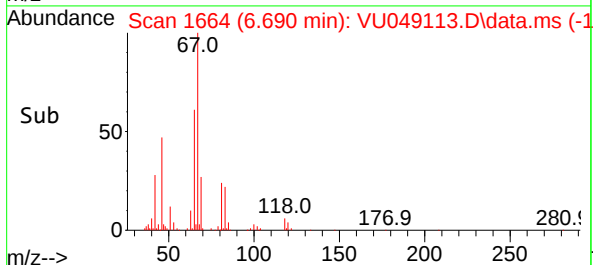
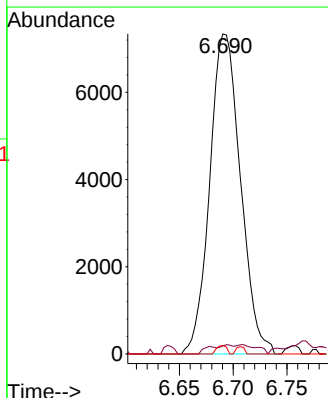
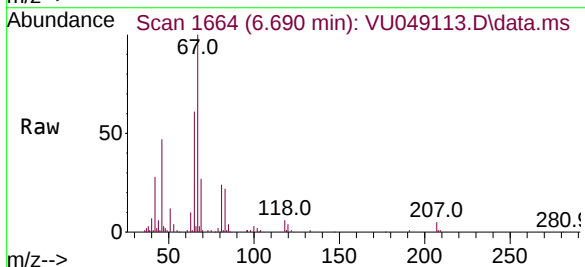
Tgt Ion: 83 Resp: 14604

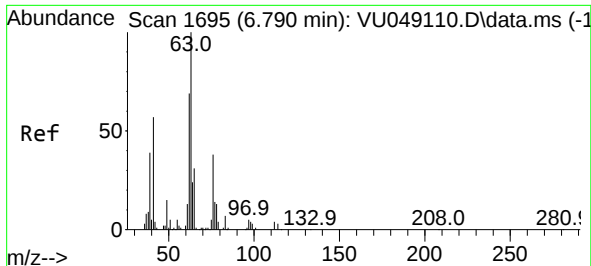
Ion Ratio Lower Upper

83 100

55 1.2 66.9 100.3#

98 0.9 35.5 53.3#

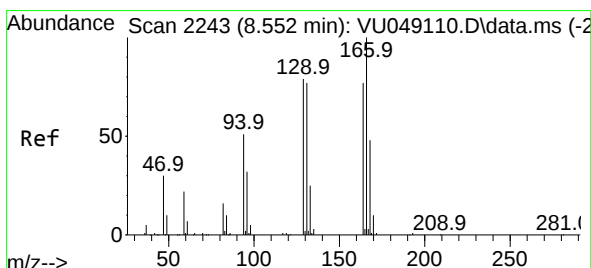
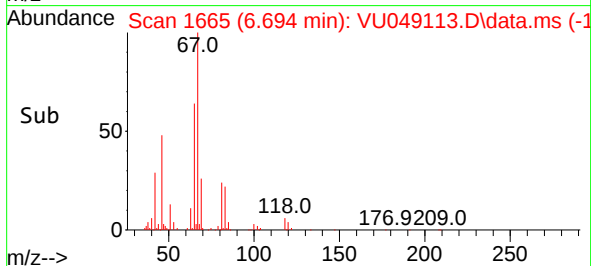
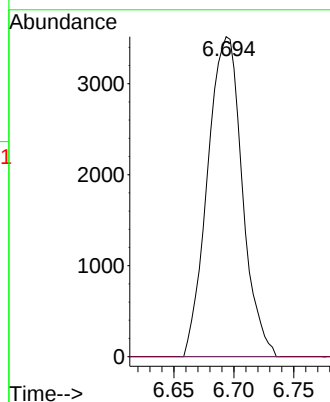
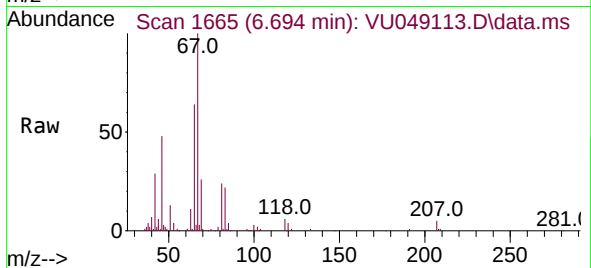




#37
1,2-Dichloropropane
Concen: 0.692 ug/L
RT: 6.694 min Scan# 11
Delta R.T. -0.097 min
Lab File: VU049113.D
Acq: 14 Jun 2022 14:58

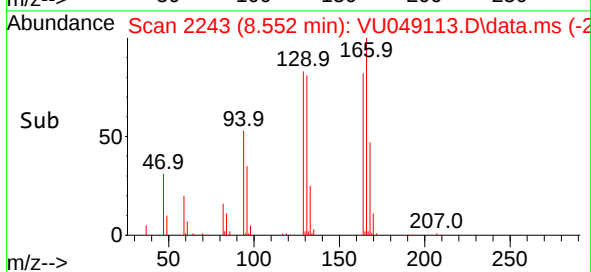
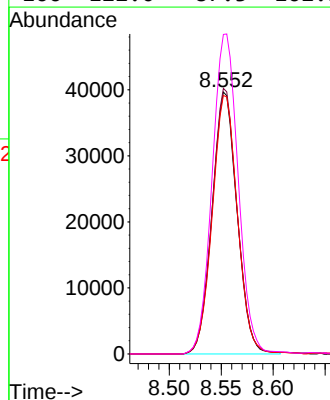
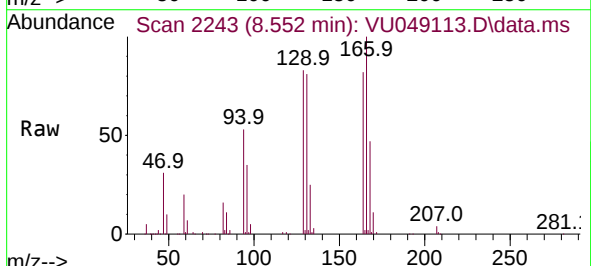
Instrument :
MSVOA_U
ClientSampleId :
C0BC9

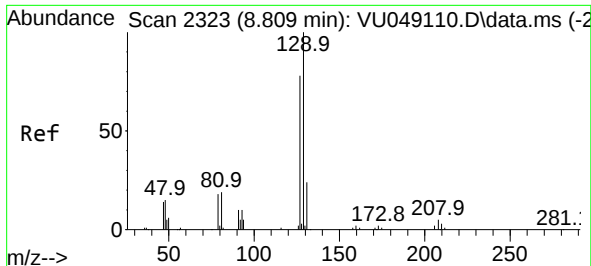
Tgt Ion: 63 Resp: 7074
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#47
Tetrachloroethene
Concen: 10.101 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049113.D
Acq: 14 Jun 2022 14:58

Tgt Ion: 164 Resp: 66259
Ion Ratio Lower Upper
164 100
129 101.4 69.8 129.6
131 98.7 67.8 125.8
166 122.0 87.3 162.1

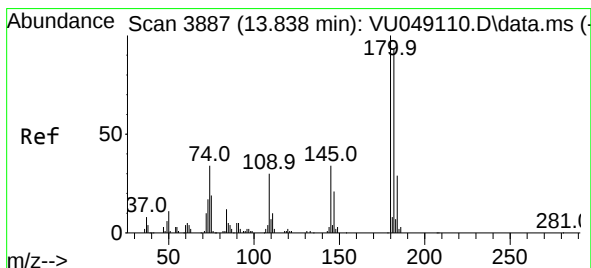
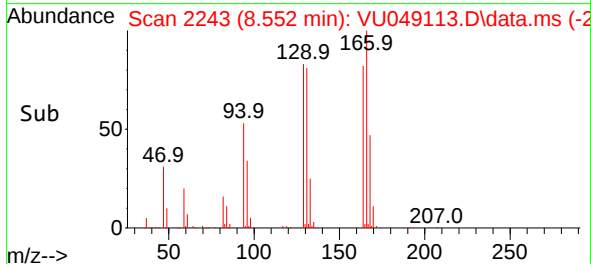
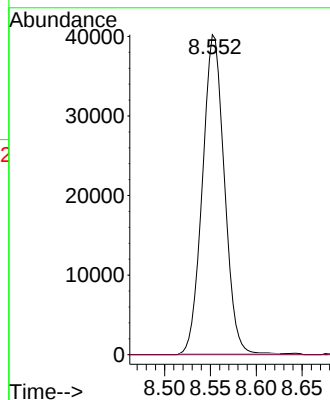
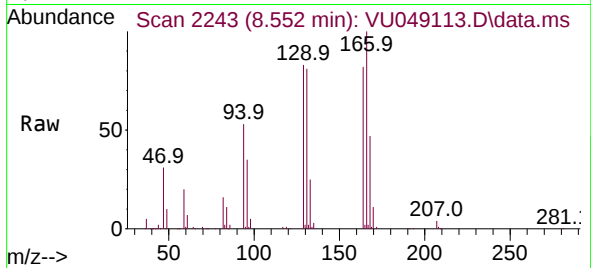




#49
Dibromochloromethane
Concen: 8.171 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU049113.D
Acq: 14 Jun 2022 14:58

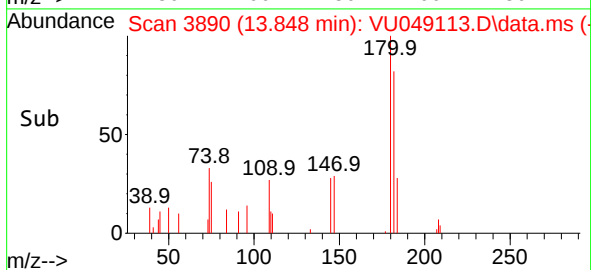
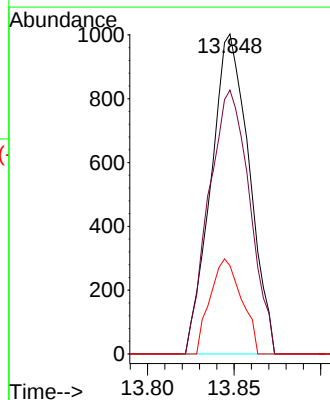
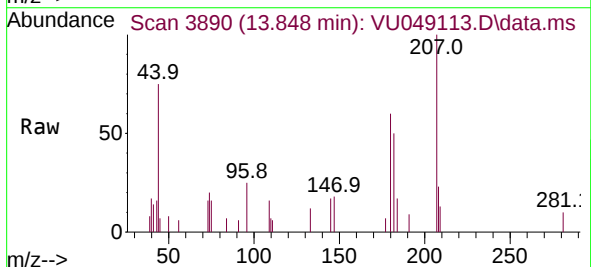
Instrument :
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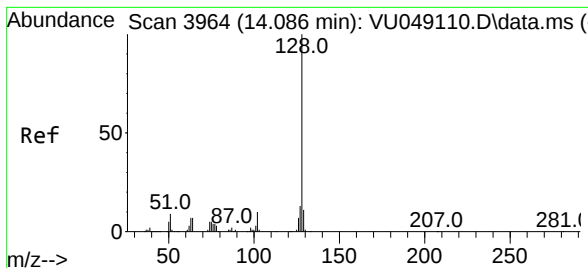
Tgt Ion:129 Resp: 66456
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#



#70
1,2,4-trichlorobenzene
Concen: 0.154 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.010 min
Lab File: VU049113.D
Acq: 14 Jun 2022 14:58

Tgt Ion:180 Resp: 1541
Ion Ratio Lower Upper
180 100
182 87.9 74.6 112.0
145 24.5 26.1 39.1#





#71

Naphthalene

Concen: 0.296 ug/L

RT: 14.095 min Scan# 3967

Delta R.T. 0.010 min

Lab File: VU049113.D

Acq: 14 Jun 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

C0BC9

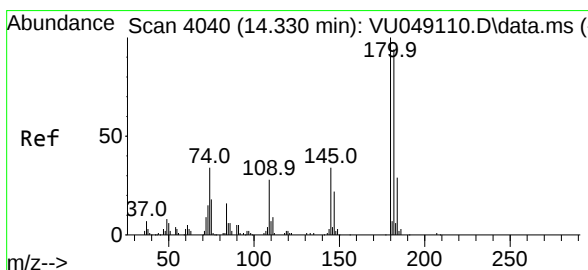
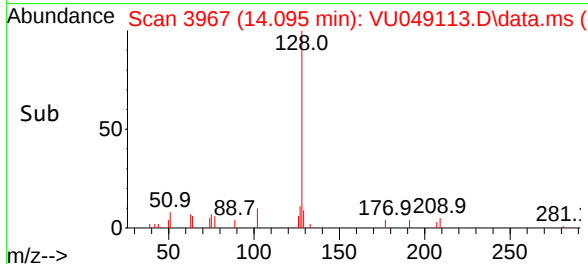
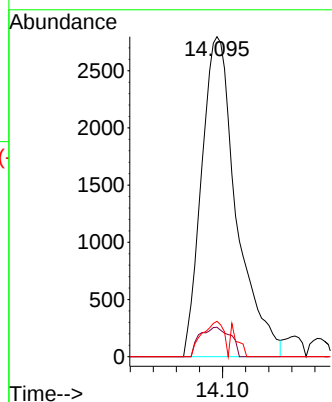
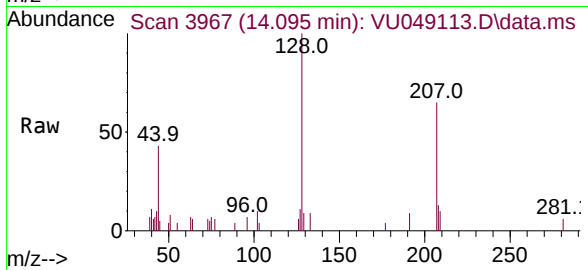
Tgt Ion:128 Resp: 5862

Ion Ratio Lower Upper

128 100

129 8.0 9.0 13.6#

127 6.8 10.2 15.4#



#72

1,2,3-Trichlorobenzene

Concen: 0.138 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU049113.D

Acq: 14 Jun 2022 14:58

Tgt Ion:180 Resp: 1297

Ion Ratio Lower Upper

180 100

182 98.5 75.6 113.4

145 34.2 27.9 41.9

