

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049122.D
 Acq On : 14 Jun 2022 18:32
 Operator : SY/MD
 Sample : N3278-16 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BF7

Quant Time: Jun 15 03:18:55 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)

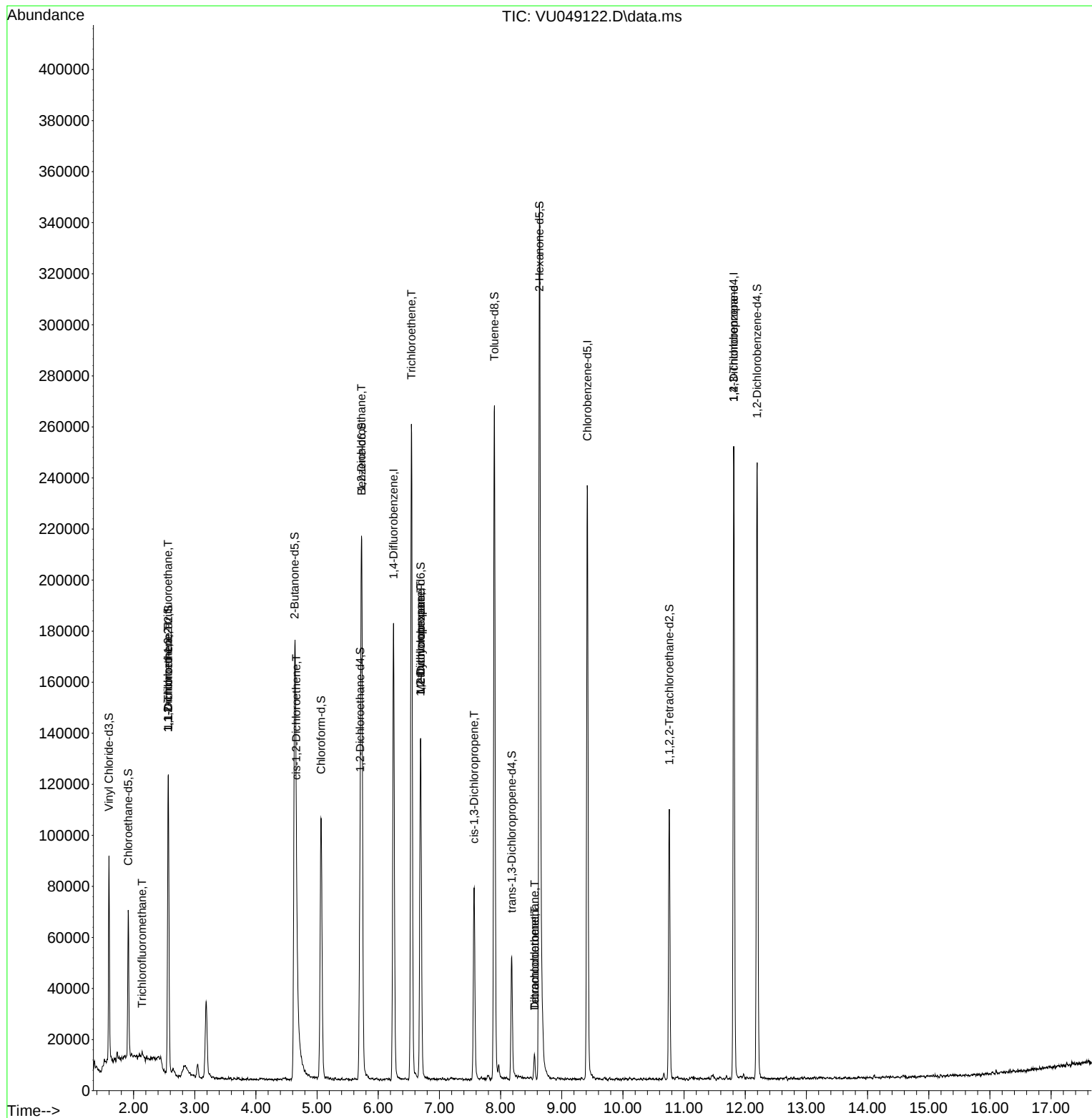
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	139703	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	128265	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62752	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57266	4.691	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.912	69	40025	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.568	65	22444	4.571	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	4.632	46	187706	57.590	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.180%
24) Chloroform-d	5.067	84	94111	4.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.703	65	53178	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.729	84	192494	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.693	67	66290	5.055	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.899	98	172676	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	8.182	79	28406	4.875	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.636	63	123362	52.488	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	53408	5.086	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	61609	5.116	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.137	101	1067	0.078	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	516	0.064	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1154	0.147	ug/L #	1
22) cis-1,2-Dichloroethene	4.661	96	559	0.057	ug/L #	60
27) 1,2-Dichloroethane	5.726	62	1113	0.098	ug/L #	74
34) Trichloroethene	6.542	95	89945	9.219	ug/L	99
35) Methylcyclohexane	6.693	83	14528	0.888	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	6759	0.645	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2097	0.132	ug/L #	70
47) Tetrachloroethene	8.555	164	2063	0.307	ug/L	88
49) Dibromochloromethane	8.555	129	1946	0.233	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	8488	1.206	ug/L #	69

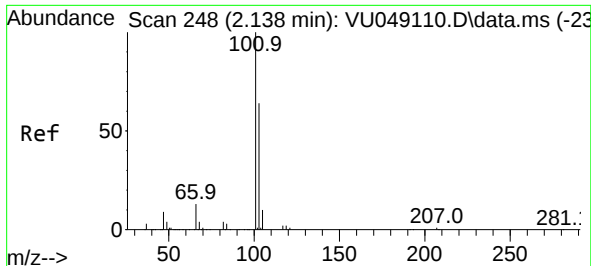
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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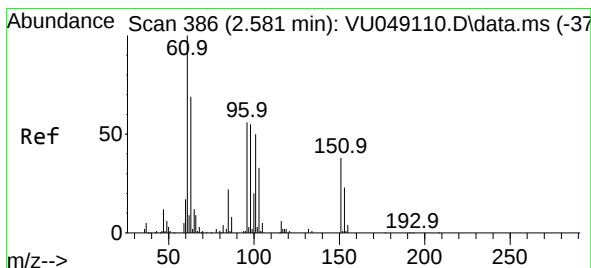
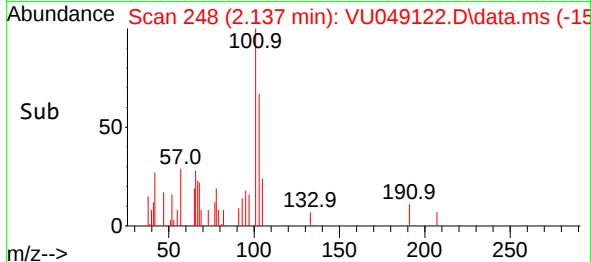
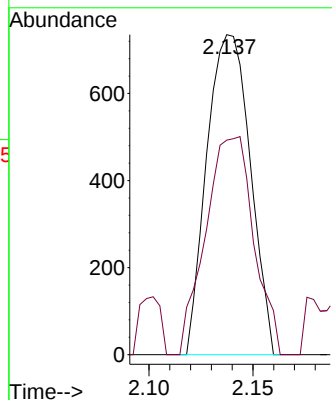
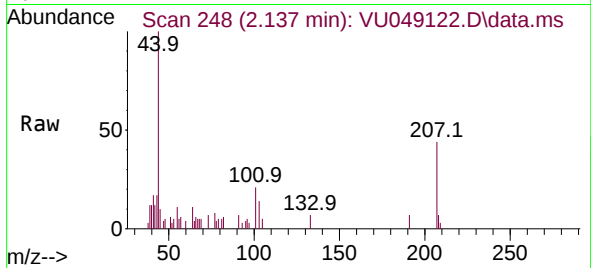




#9
 Trichlorofluoromethane
 Concen: 0.078 ug/L
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU049122.D
 Acq: 14 Jun 2022 18:32

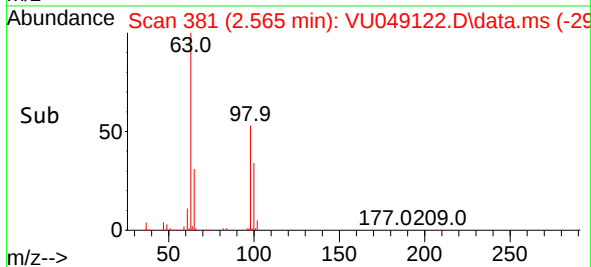
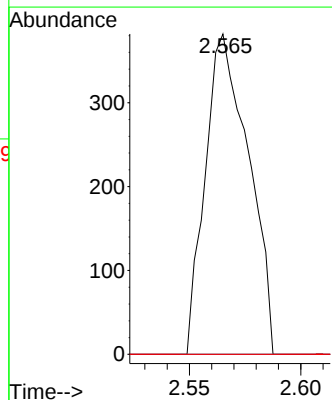
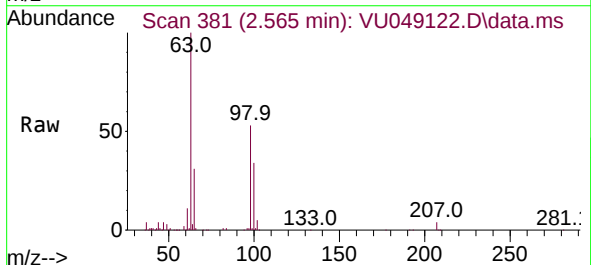
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BF7

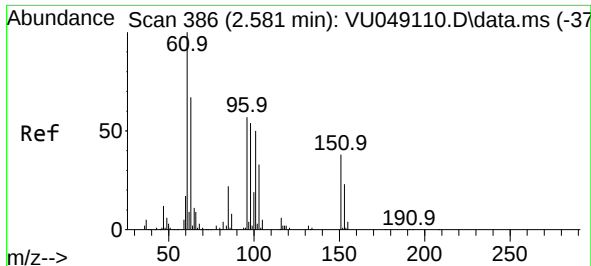
Tgt Ion:101 Resp: 1067
 Ion Ratio Lower Upper
 101 100
 103 75.8 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.064 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU049122.D
 Acq: 14 Jun 2022 18:32

Tgt Ion:101 Resp: 516
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#

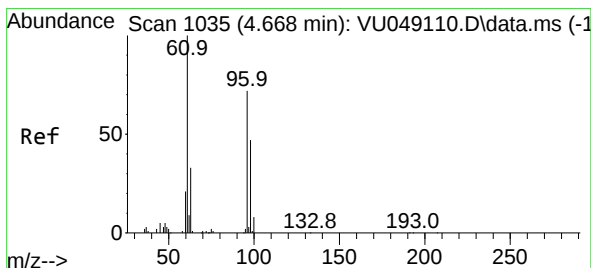
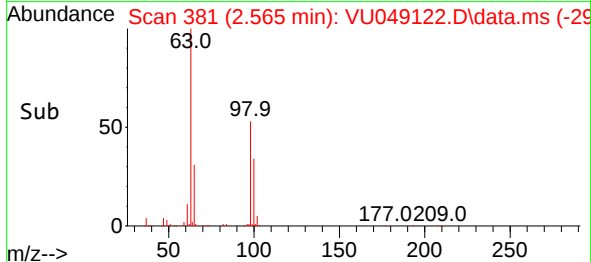
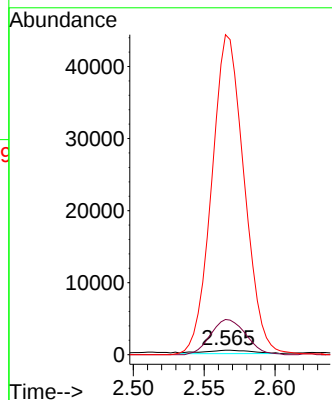
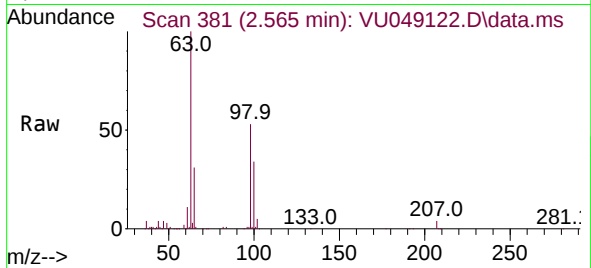




#12
1,1-Dichloroethene
Concen: 0.147 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU049122.D
Acq: 14 Jun 2022 18:32

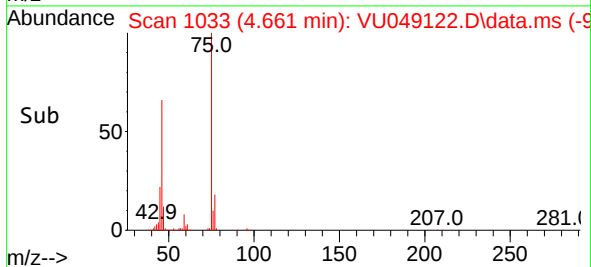
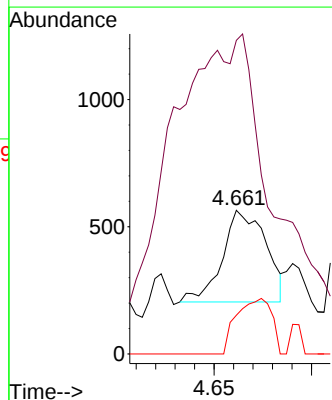
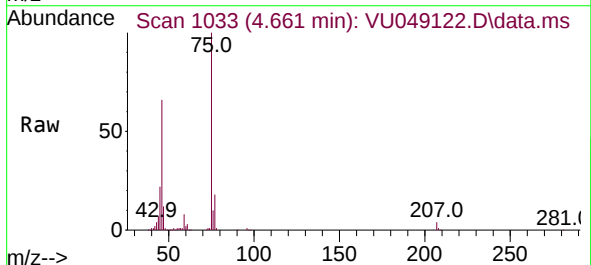
Instrument :
MSVOA_U
ClientSampleId :
C0BF7

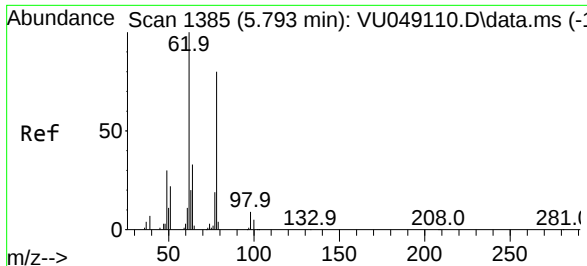
Tgt Ion: 96 Resp: 1154
Ion Ratio Lower Upper
96 100
61 773.1 127.2 236.2#
63 7040.3 94.7 175.9#



#22
cis-1,2-Dichloroethene
Concen: 0.057 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.007 min
Lab File: VU049122.D
Acq: 14 Jun 2022 18:32

Tgt Ion: 96 Resp: 559
Ion Ratio Lower Upper
96 100
61 183.5 99.5 184.9
98 22.6 44.8 83.2#

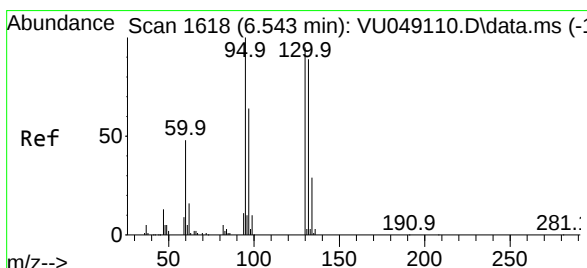
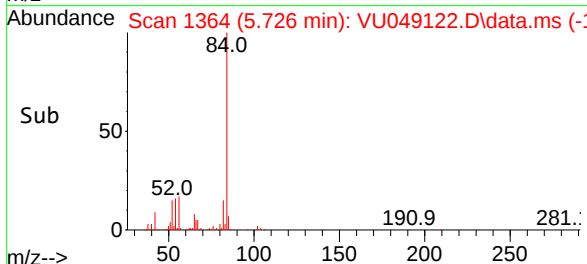
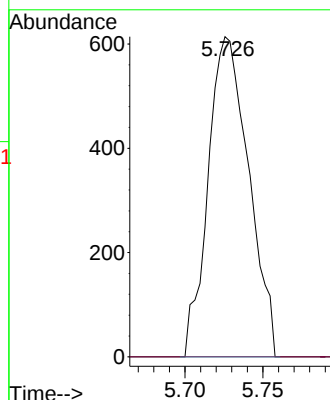
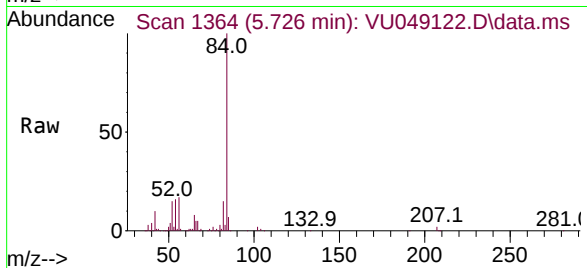




#27
1,2-Dichloroethane
Concen: 0.098 ug/L
RT: 5.726 min Scan# 1113
Delta R.T. -0.068 min
Lab File: VU049122.D
Acq: 14 Jun 2022 18:32

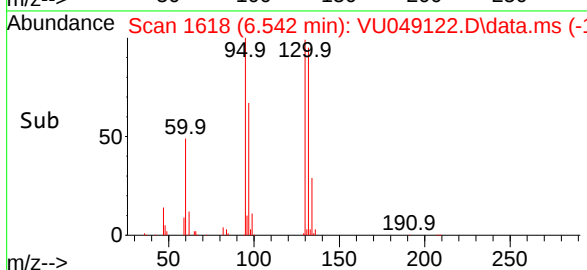
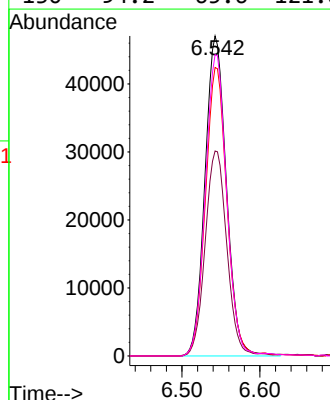
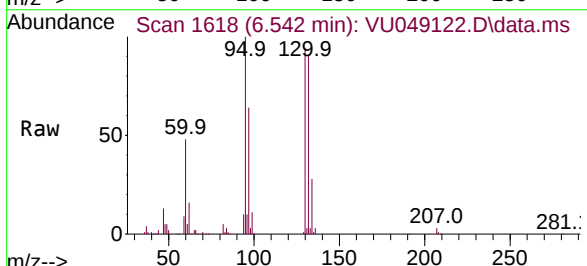
Instrument :
MSVOA_U
ClientSampleId :
C0BF7

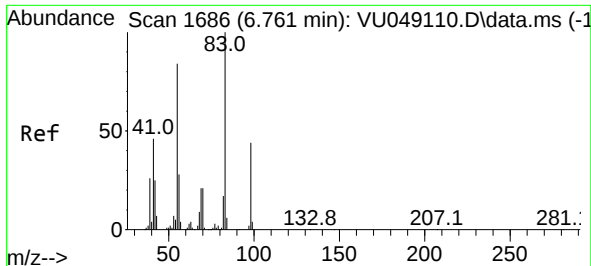
Tgt Ion: 62 Resp: 1113
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#



#34
Trichloroethene
Concen: 9.219 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049122.D
Acq: 14 Jun 2022 18:32

Tgt Ion: 95 Resp: 89945
Ion Ratio Lower Upper
95 100
97 64.1 45.3 84.1
132 90.2 61.5 114.3
130 94.2 65.6 121.8





#35

Methylcyclohexane

Concen: 0.888 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU049122.D

Acq: 14 Jun 2022 18:32

Instrument :

MSVOA_U

ClientSampleId :

C0BF7

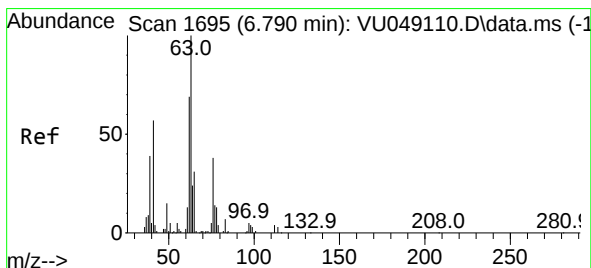
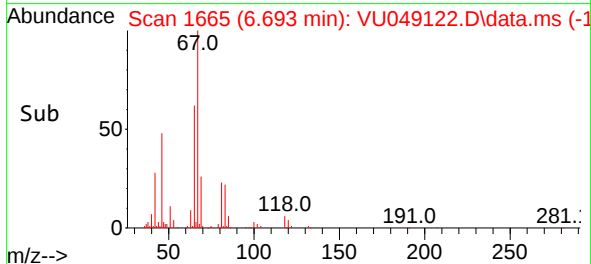
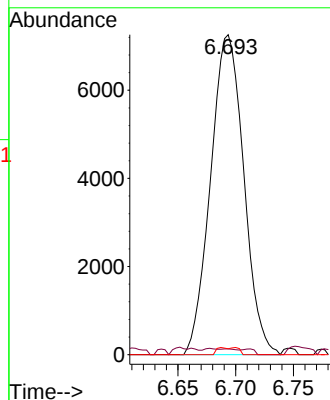
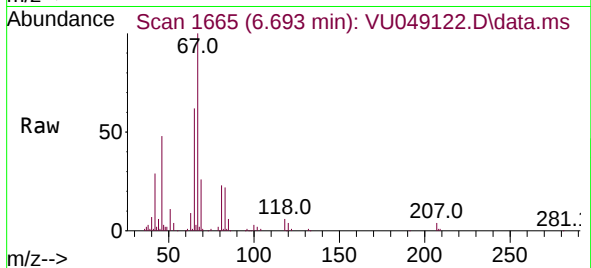
Tgt Ion: 83 Resp: 14528

Ion Ratio Lower Upper

83 100

55 0.6 66.9 100.3#

98 0.6 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.645 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049122.D

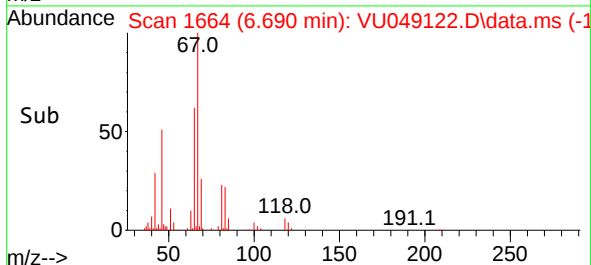
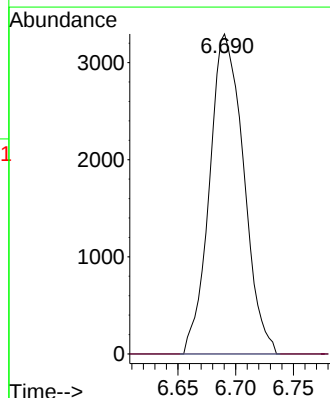
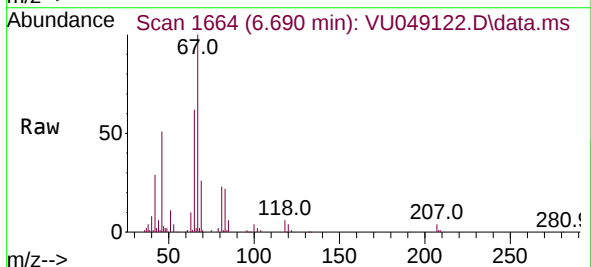
Acq: 14 Jun 2022 18:32

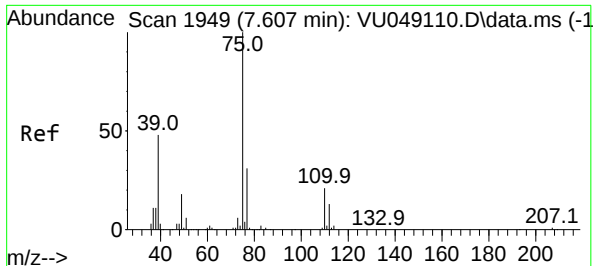
Tgt Ion: 63 Resp: 6759

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.132 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU049122.D

Acq: 14 Jun 2022 18:32

Instrument :

MSVOA_U

ClientSampleId :

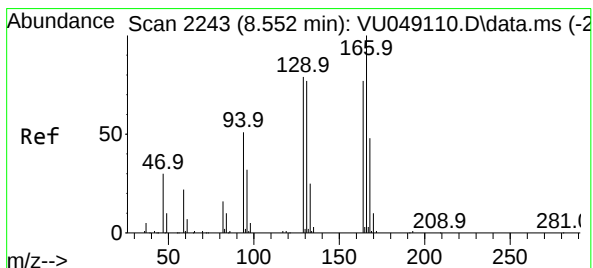
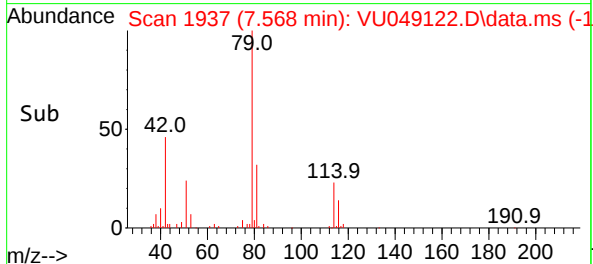
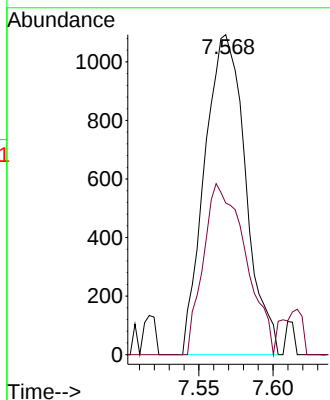
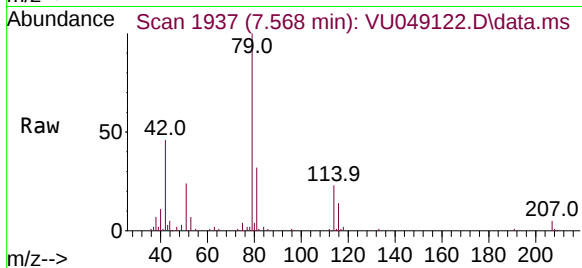
C0BF7

Tgt Ion: 75 Resp: 2097

Ion Ratio Lower Upper

75 100

77 47.4 21.8 40.4#



#47

Tetrachloroethene

Concen: 0.307 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU049122.D

Acq: 14 Jun 2022 18:32

Tgt Ion: 164 Resp: 2063

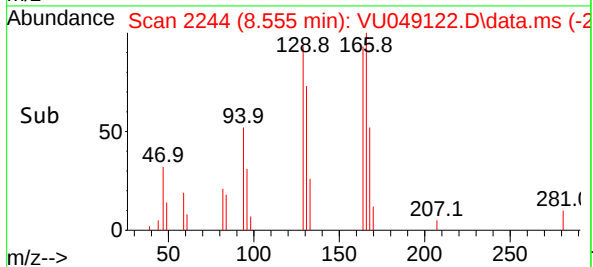
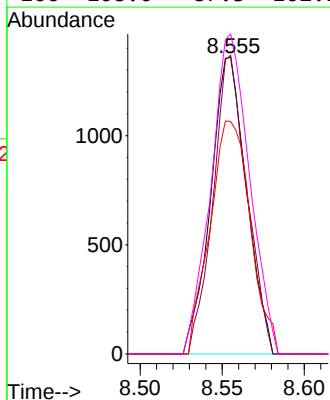
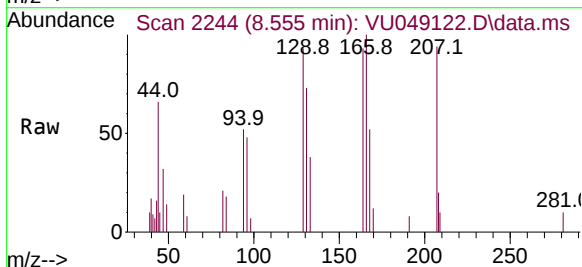
Ion Ratio Lower Upper

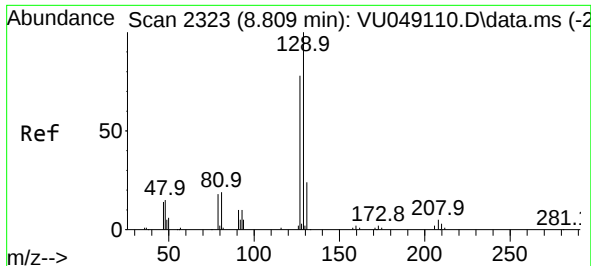
164 100

129 100.7 69.8 129.6

131 78.4 67.8 125.8

166 108.0 87.3 162.1





#49

Dibromochloromethane

Concen: 0.233 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU049122.D

Acq: 14 Jun 2022 18:32

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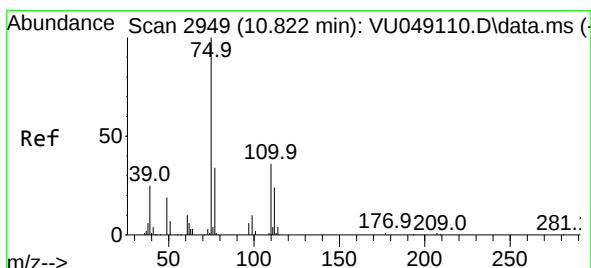
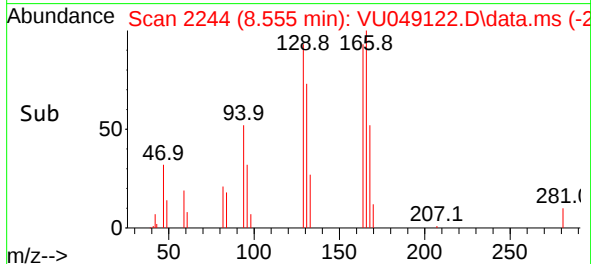
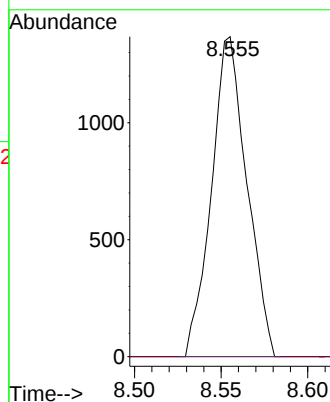
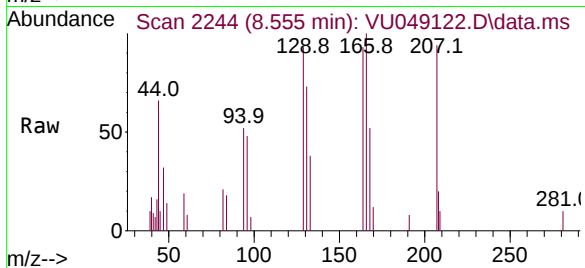
C0BF7

Tgt Ion:129 Resp: 1946

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



#61

1,2,3-Trichloropropane

Concen: 1.206 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049122.D

Acq: 14 Jun 2022 18:32

Tgt Ion: 75 Resp: 8488

Ion Ratio Lower Upper

75 100

110 1.6 29.0 43.4#

77 32.9 26.2 39.2

