

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049115.D
 Acq On : 14 Jun 2022 15:45
 Operator : SY/MD
 Sample : N3278-04 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 03:17:22 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)

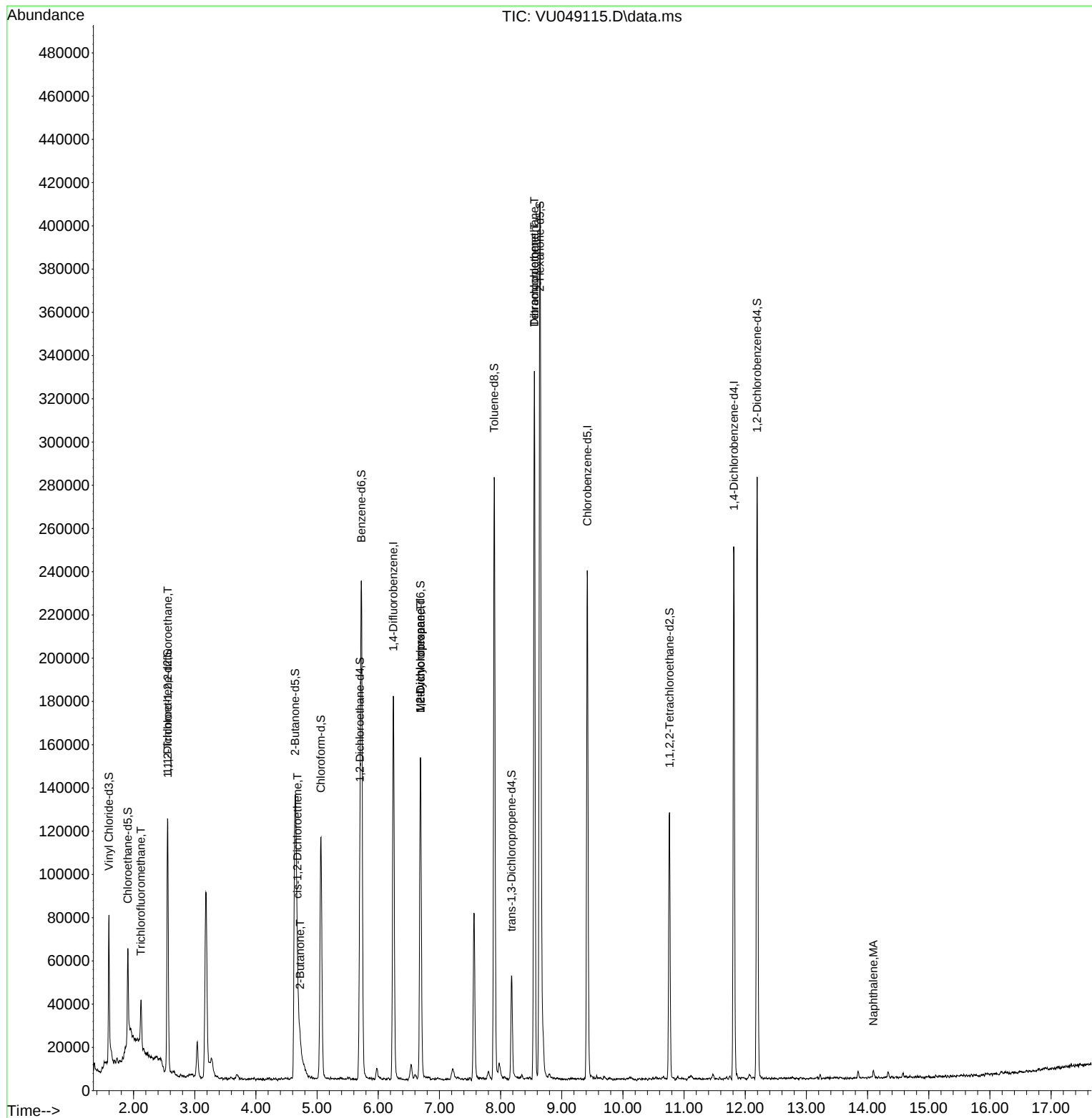
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	141131	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	128752	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	61559	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56701	4.598	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.000%	
7) Chloroethane-d5	1.906	69	30390	3.640	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.800%	
11) 1,1-Dichloroethene-d2	2.556	65	22702	4.577	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	4.639	46	212149	64.431	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	128.860%	
24) Chloroform-d	5.063	84	103267	5.337	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.800%	
26) 1,2-Dichloroethane-d4	5.700	65	61588	5.803	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.000%	
32) Benzene-d6	5.726	84	205234	5.291	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.800%	
36) 1,2-Dichloropropane-d6	6.690	67	72742	5.526	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.600%	
41) Toluene-d8	7.896	98	181495	5.197	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
43) trans-1,3-Dichloroprop...	8.179	79	28485	4.871	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.400%	
46) 2-Hexanone-d5	8.642	63	157088	66.585	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	133.160%#	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	63074	5.984	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	69974	5.924	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.400%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.121	101	13091	0.951	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	643	0.079	ug/L #	21
21) 2-Butanone	4.723	43	8931	2.874	ug/L	81
22) cis-1,2-Dichloroethene	4.678	96	1148	0.117	ug/L #	89
35) Methylcyclohexane	6.690	83	15730	0.958	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	7732	0.734	ug/L #	89
47) Tetrachloroethene	8.552	164	69210	10.249	ug/L	98
49) Dibromochloromethane	8.552	129	70158	8.380	ug/L #	10
71) Naphthalene	14.095	128	3534	0.166	ug/L #	90

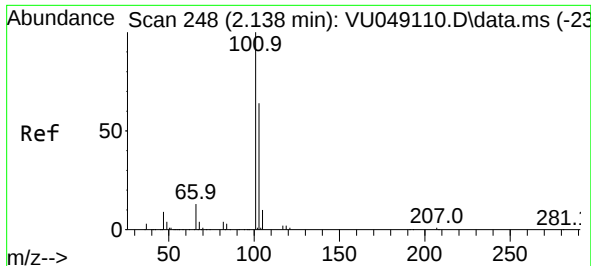
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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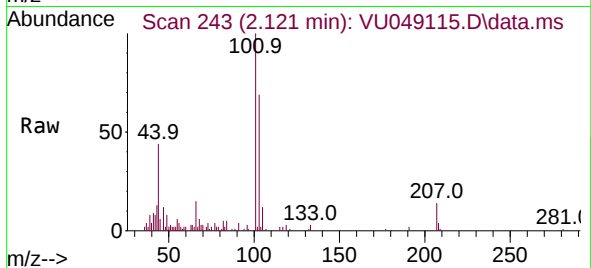
Quant Time: Jun 15 03:17:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
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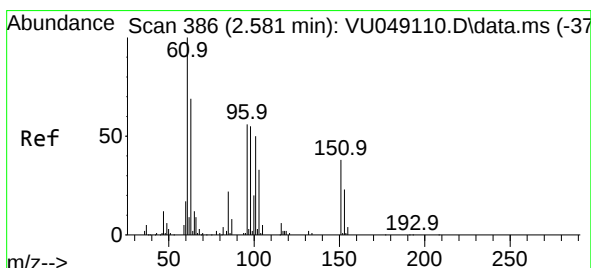
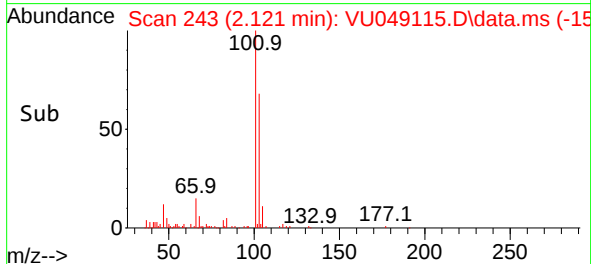
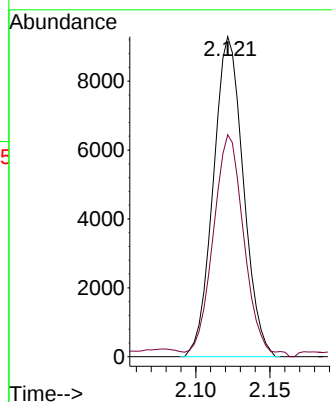


#9
 Trichlorofluoromethane
 Concen: 0.951 ug/L
 RT: 2.121 min Scan# 24
 Delta R.T. -0.016 min
 Lab File: VU049115.D
 Acq: 14 Jun 2022 15:45

Instrument :
 MSVOA_U
 ClientSampleId :

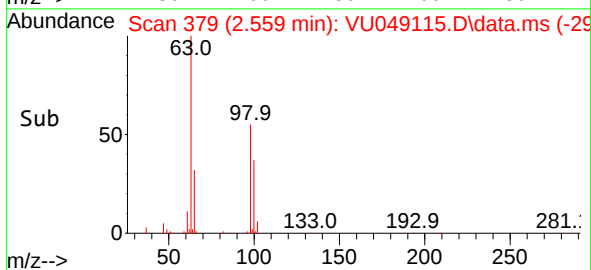
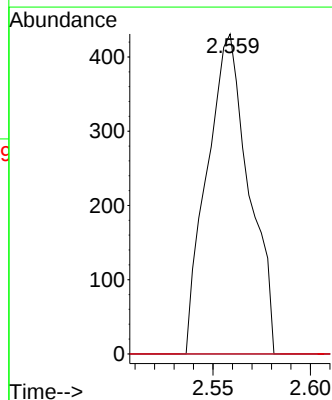
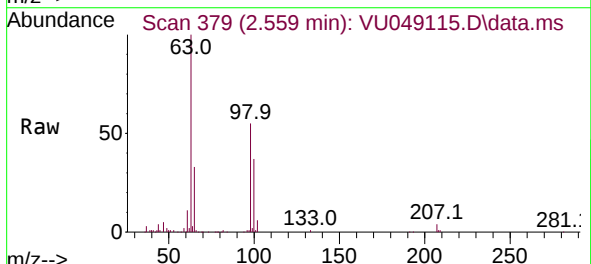


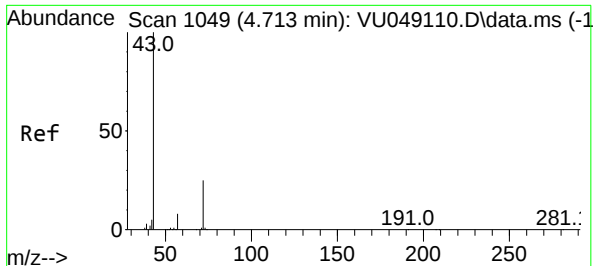
Tgt Ion:101 Resp: 13091
 Ion Ratio Lower Upper
 101 100
 103 71.0 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.079 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.023 min
 Lab File: VU049115.D
 Acq: 14 Jun 2022 15:45

Tgt Ion:101 Resp: 643
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#

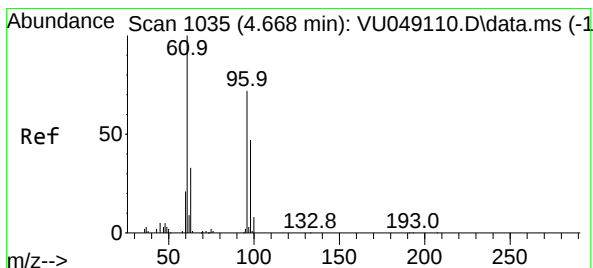
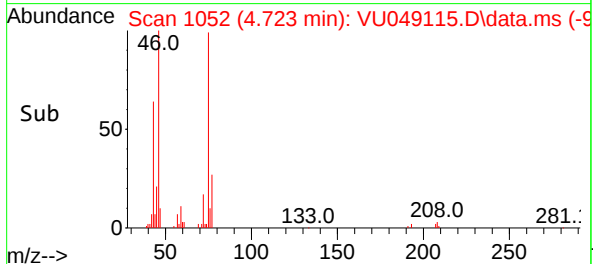
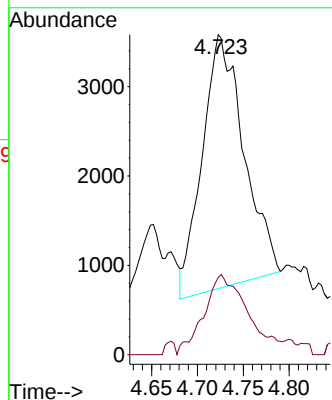
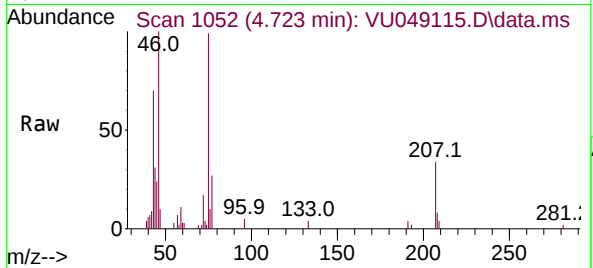




#21
2-Butanone
Concen: 2.874 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.010 min
Lab File: VU049115.D
Acq: 14 Jun 2022 15:45

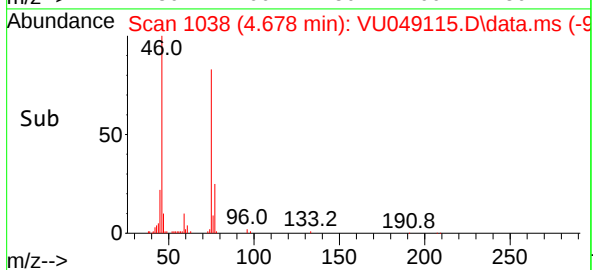
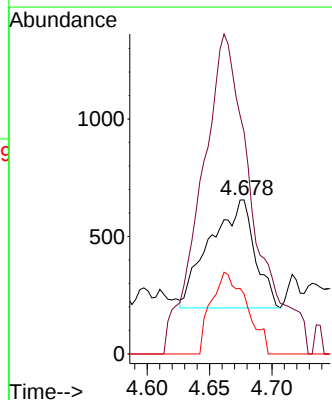
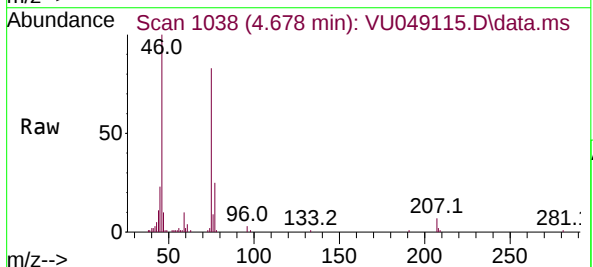
Instrument :
MSVOA_U
ClientSampleId :

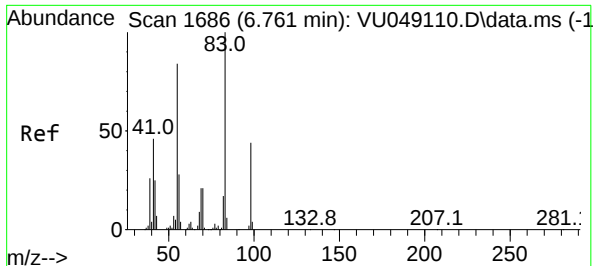
Tgt Ion: 43 Resp: 8931
Ion Ratio Lower Upper
43 100
72 33.6 12.2 36.6



#22
cis-1,2-Dichloroethene
Concen: 0.117 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.010 min
Lab File: VU049115.D
Acq: 14 Jun 2022 15:45

Tgt Ion: 96 Resp: 1148
Ion Ratio Lower Upper
96 100
61 144.2 99.5 184.9
98 39.0 44.8 83.2#





#35

Methylcyclohexane

Concen: 0.958 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049115.D

Acq: 14 Jun 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

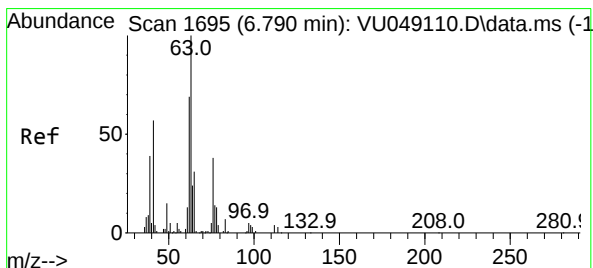
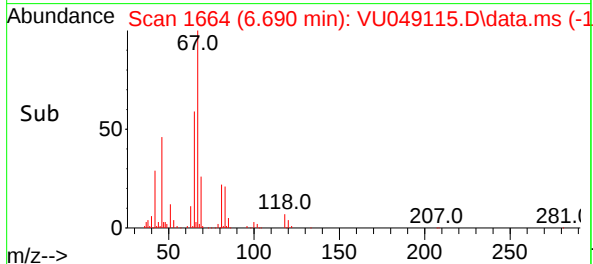
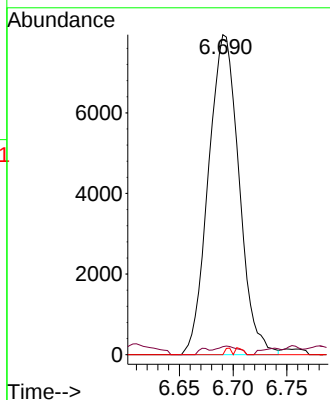
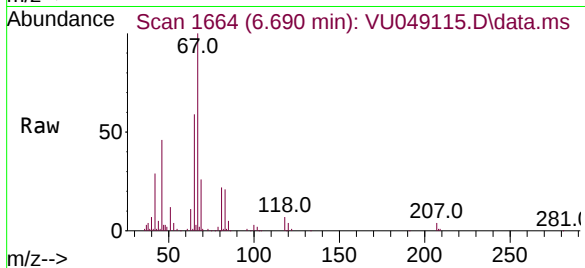
Tgt Ion: 83 Resp: 15730

Ion Ratio Lower Upper

83 100

55 1.8 66.9 100.3#

98 0.4 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.734 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049115.D

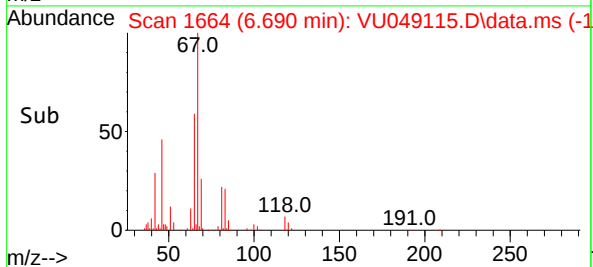
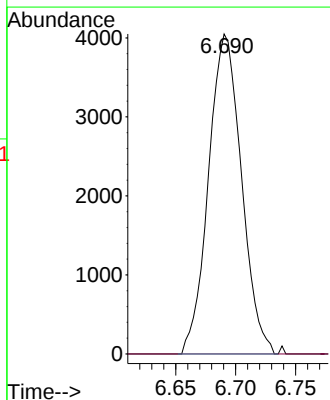
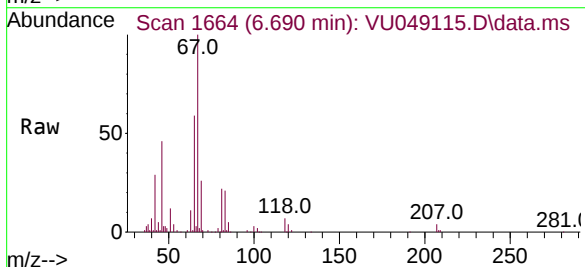
Acq: 14 Jun 2022 15:45

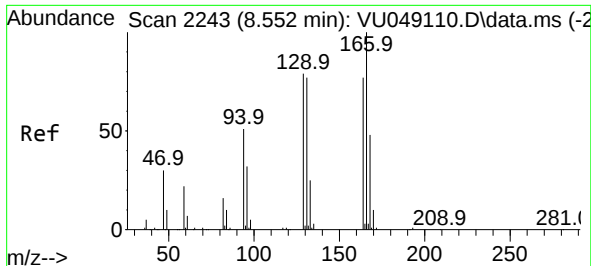
Tgt Ion: 63 Resp: 7732

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#

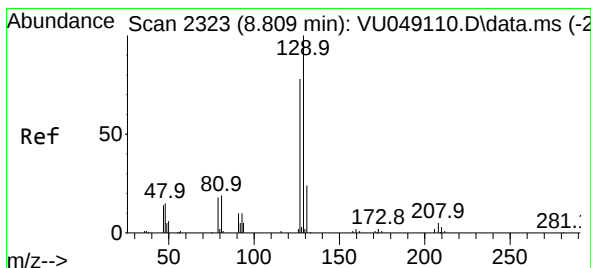
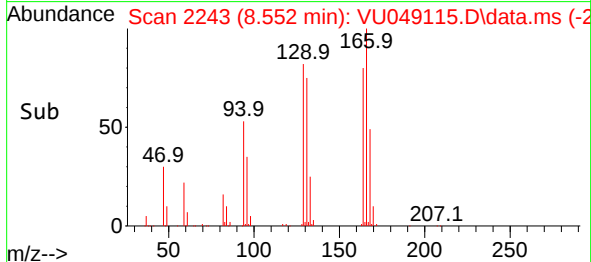
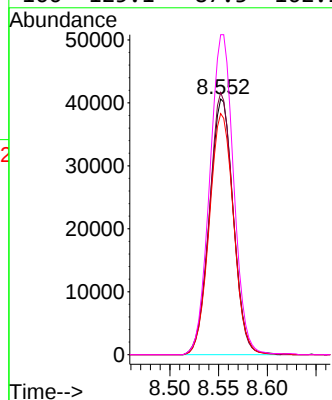
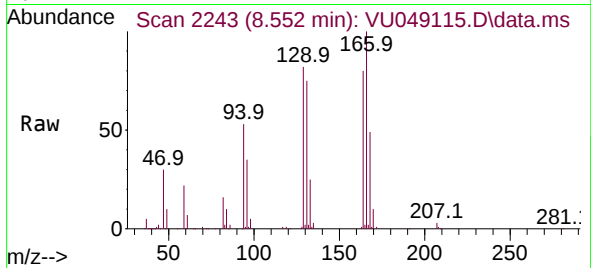




#47
Tetrachloroethene
Concen: 10.249 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049115.D
Acq: 14 Jun 2022 15:45

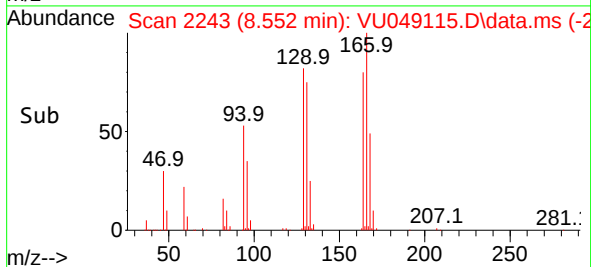
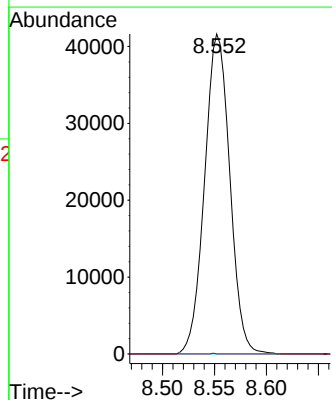
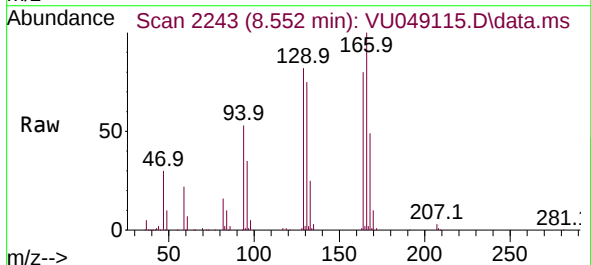
Instrument :
MSVOA_U
ClientSampleId :

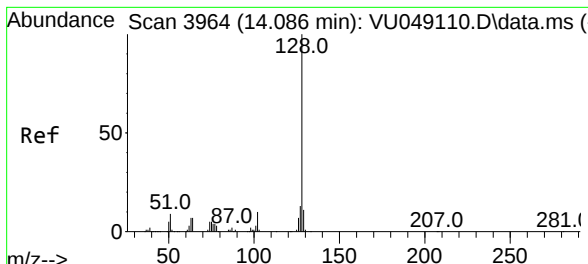
Tgt Ion:164 Resp: 69210
Ion Ratio Lower Upper
164 100
129 102.5 69.8 129.6
131 94.3 67.8 125.8
166 125.1 87.3 162.1



#49
Dibromochloromethane
Concen: 8.380 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU049115.D
Acq: 14 Jun 2022 15:45

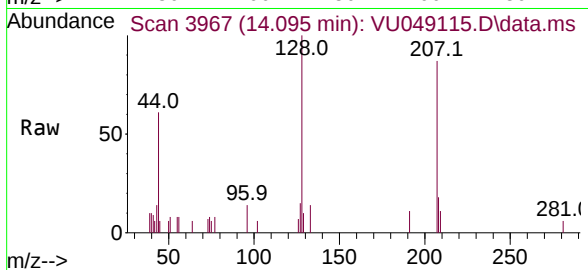
Tgt Ion:129 Resp: 70158
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#





#71
Naphthalene
Concen: 0.166 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.010 min
Lab File: VU049115.D
Acq: 14 Jun 2022 15:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	3534
Ion Ratio	Lower	Upper	
128	100		
129	6.9	9.0	13.6#
127	9.3	10.2	15.4#

