

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052099.D
 Acq On : 23 Nov 2022 20:04
 Operator : JC/MD
 Sample : N5684-16DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

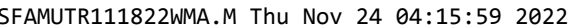
Quant Time: Nov 24 04:15:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:13:15 2022
 Response via : Initial Calibration

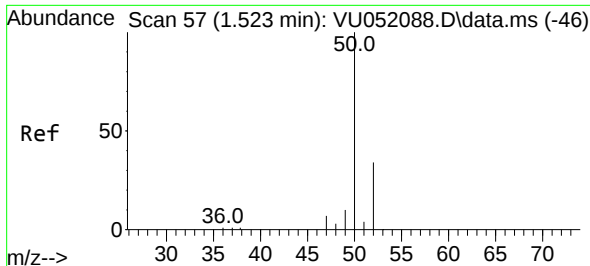
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	218482	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	228676	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	86815	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	81750	3.847	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.912	69	76774	4.651	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.565	65	32082	4.211	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.620	46	209508	54.387	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.780%
24) Chloroform-d	5.060	84	159659	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.700	65	82263	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.726	84	312487	4.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.687	67	105972	5.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.896	98	244007	3.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.179	79	33458	4.370	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.632	63	161638	49.817	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.640%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	89723	4.925	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	86260	5.190	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	3931	0.159	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1092	0.068	ug/L #	26
12) 1,1-Dichloroethene	2.578	96	2822	0.178	ug/L #	1
16) Methylene chloride	3.044	84	18667	0.871	ug/L	96
19) 1,1-Dichloroethane	3.874	63	4866	0.159	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	5167	0.290	ug/L	87
34) Trichloroethene	6.539	95	143340	7.722	ug/L	99
35) Methylcyclohexane	6.690	83	24310	0.910	ug/L #	20
47) Tetrachloroethene	8.552	164	33059	2.324	ug/L	93
49) Dibromochloromethane	8.552	129	29940	1.846	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	9707	0.977	ug/L #	68

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

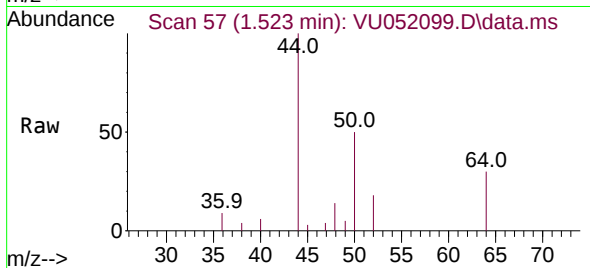
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 04:13:15 2022
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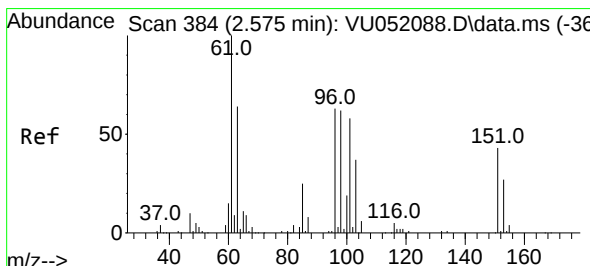
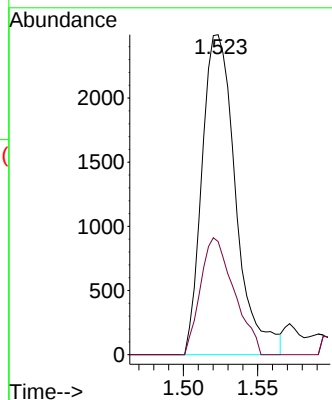
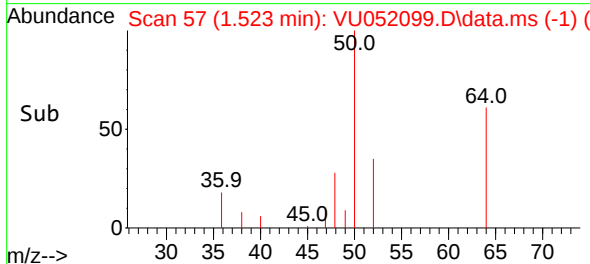


#3
Chloromethane
Concen: 0.159 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052099.D
Acq: 23 Nov 2022 20:04

Instrument :
MSVOA_U
ClientSampleId :

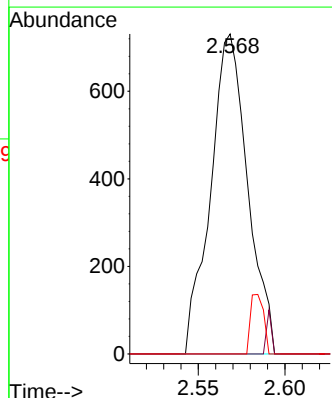
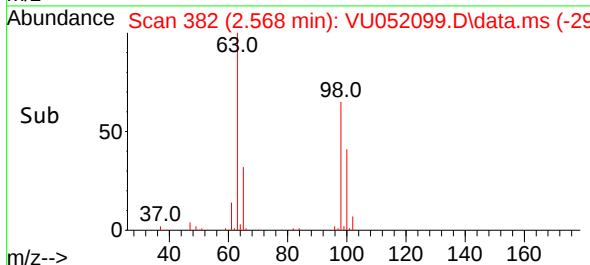
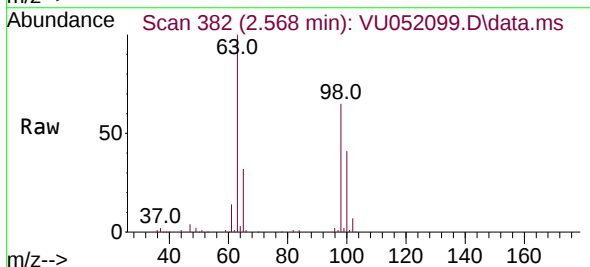


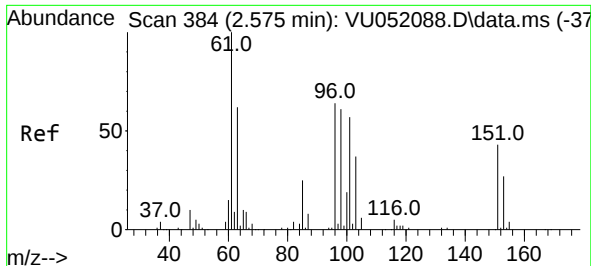
Tgt Ion: 50 Resp: 3931
Ion Ratio Lower Upper
50 100
52 35.3 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.007 min
Lab File: VU052099.D
Acq: 23 Nov 2022 20:04

Tgt Ion: 101 Resp: 1092
Ion Ratio Lower Upper
101 100
85 1.7 33.8 50.6#
151 6.6 58.6 88.0#





#12

1,1-Dichloroethene

Concen: 0.178 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU052099.D

Acq: 23 Nov 2022 20:04

Instrument :

MSVOA_U

ClientSampleId :

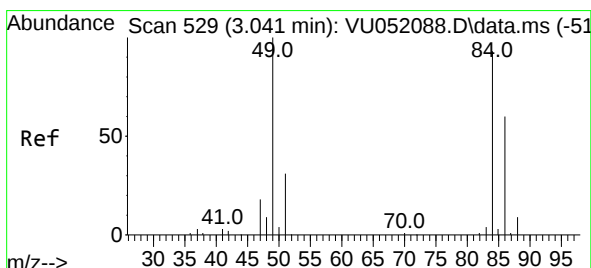
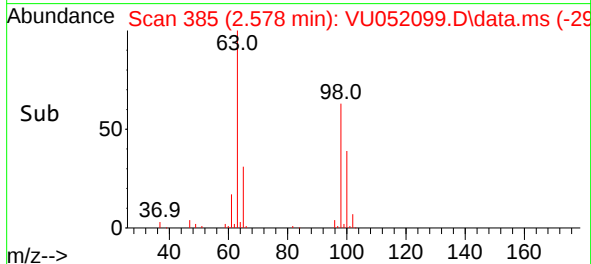
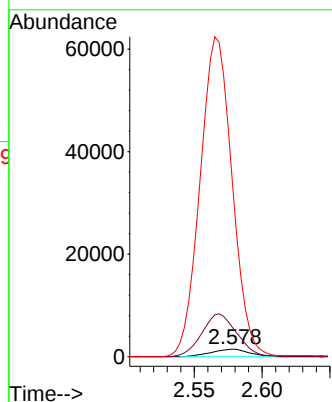
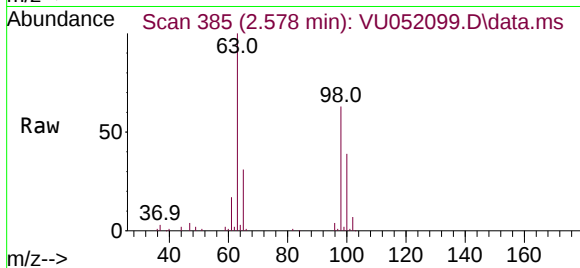
Tgt Ion: 96 Resp: 2822

Ion Ratio Lower Upper

96 100

61 394.5 114.8 213.2#

63 2363.9 93.7 174.1#



#16

Methylene chloride

Concen: 0.871 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU052099.D

Acq: 23 Nov 2022 20:04

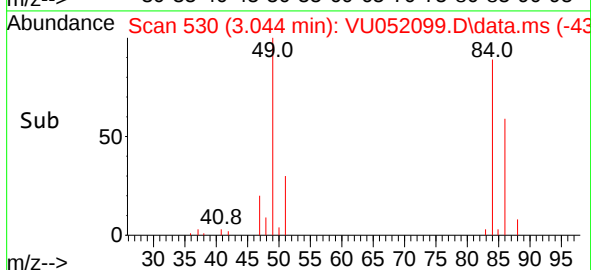
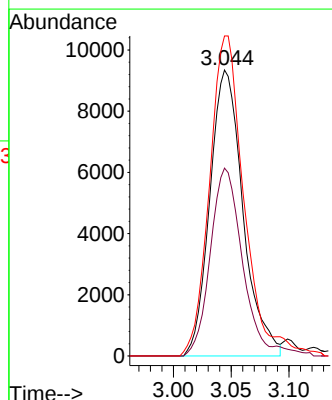
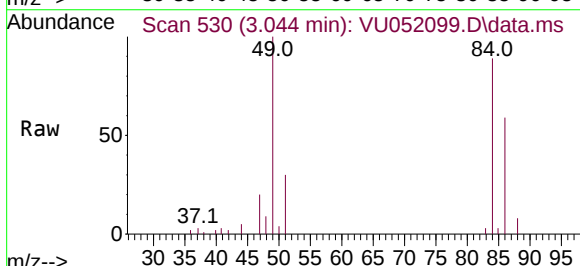
Tgt Ion: 84 Resp: 18667

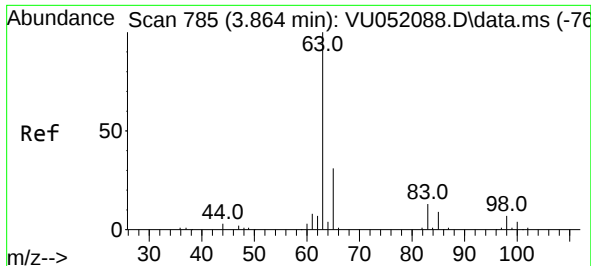
Ion Ratio Lower Upper

84 100

86 65.7 43.8 81.4

49 111.9 75.9 141.1

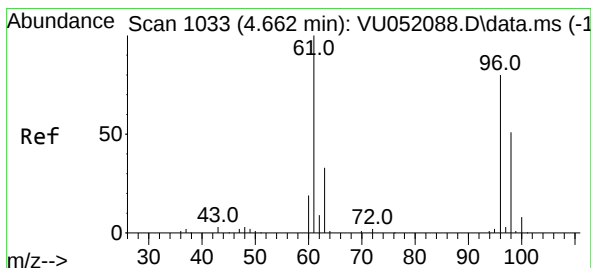
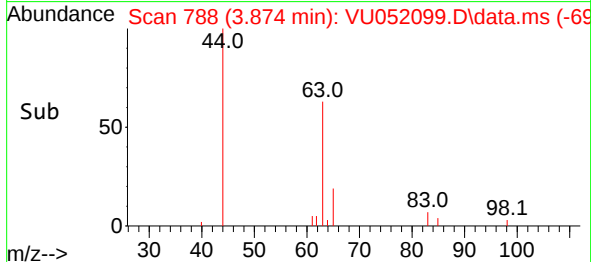
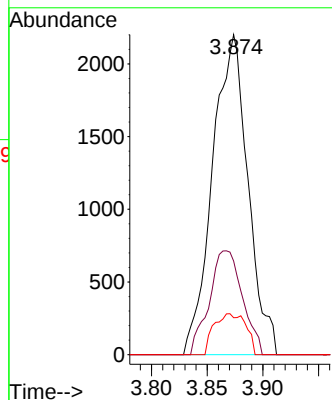
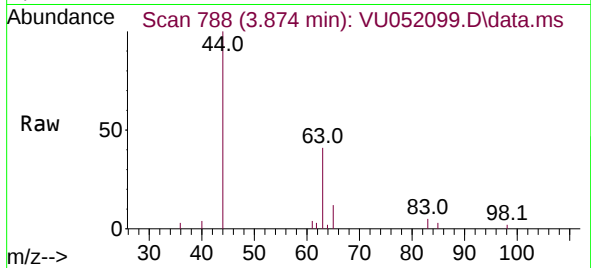




#19
1,1-Dichloroethane
Concen: 0.159 ug/L
RT: 3.874 min Scan# 71
Delta R.T. 0.010 min
Lab File: VU052099.D
Acq: 23 Nov 2022 20:04

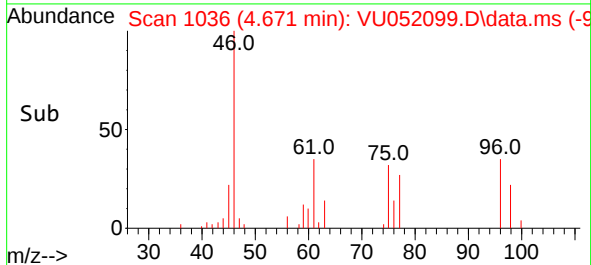
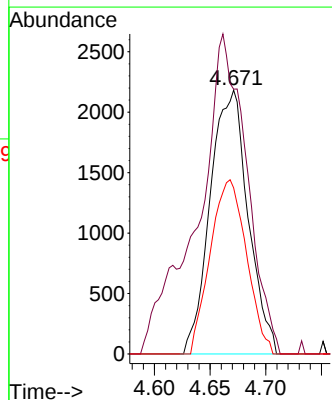
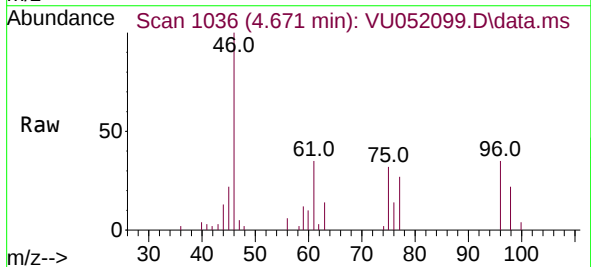
Instrument :
MSVOA_U
ClientSampleId :

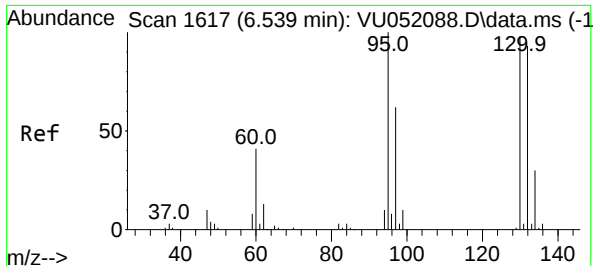
Tgt Ion: 63 Resp: 4866
Ion Ratio Lower Upper
63 100
65 29.3 22.2 41.2
83 11.5 9.2 17.0



#22
cis-1,2-Dichloroethene
Concen: 0.290 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VU052099.D
Acq: 23 Nov 2022 20:04

Tgt Ion: 96 Resp: 5167
Ion Ratio Lower Upper
96 100
61 100.4 85.1 158.1
98 62.9 42.8 79.6

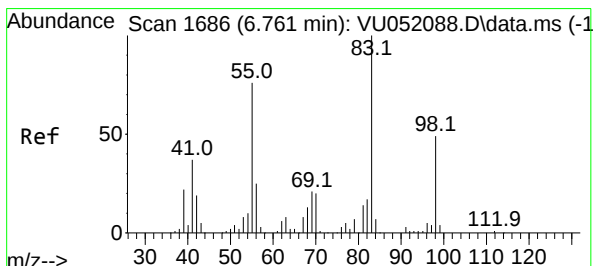
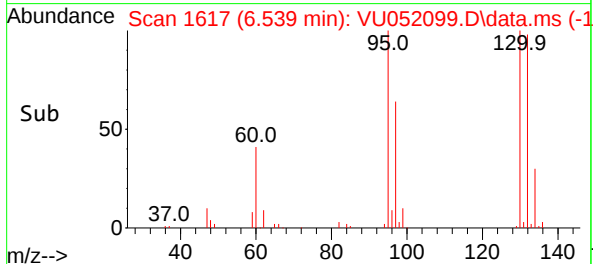
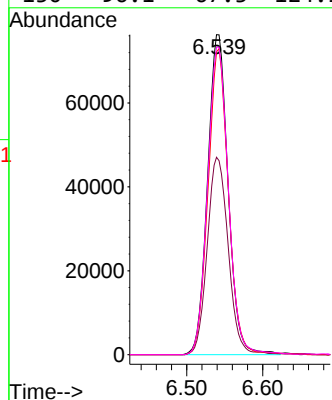
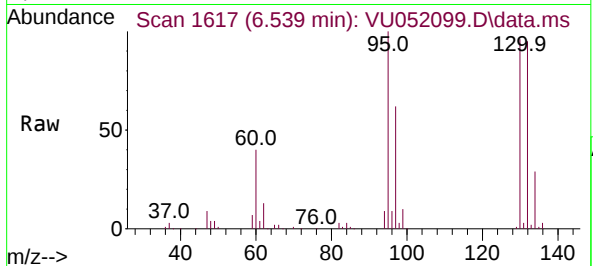




#34
Trichloroethene
Concen: 7.722 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052099.D
Acq: 23 Nov 2022 20:04

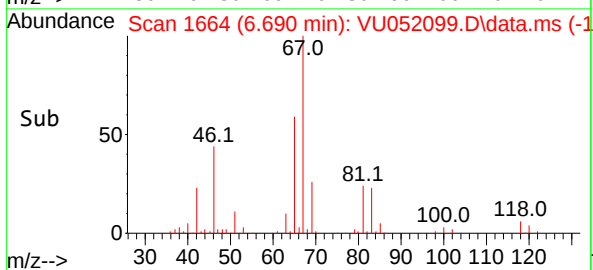
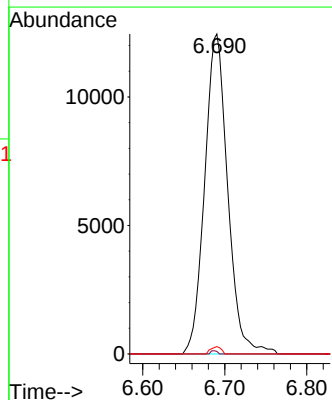
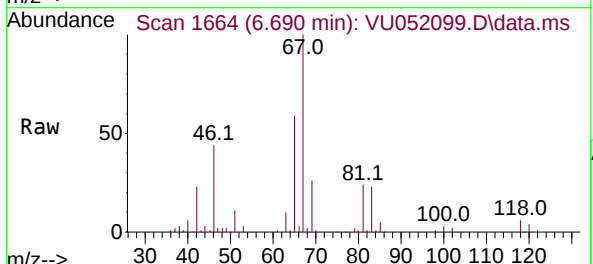
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ClientSampleId :

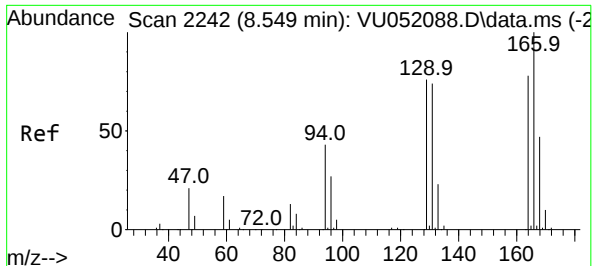
Tgt Ion: 95 Resp: 143340
Ion Ratio Lower Upper
95 100
97 61.7 43.7 81.1
132 94.7 64.3 119.3
130 96.1 67.3 124.9



#35
Methylcyclohexane
Concen: 0.910 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052099.D
Acq: 23 Nov 2022 20:04

Tgt Ion: 83 Resp: 24310
Ion Ratio Lower Upper
83 100
55 0.3 60.8 91.2#
98 1.0 35.1 52.7#





#47

Tetrachloroethene

Concen: 2.324 ug/L

RT: 8.552 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052099.D

Acq: 23 Nov 2022 20:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 33059

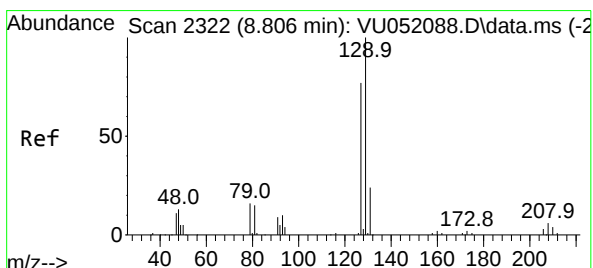
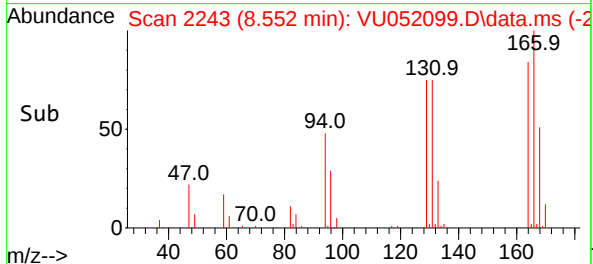
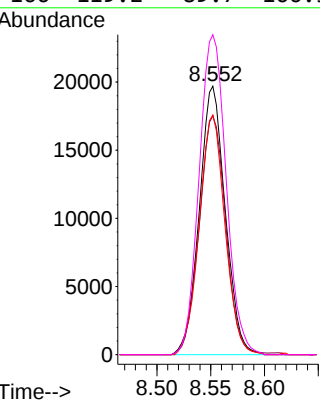
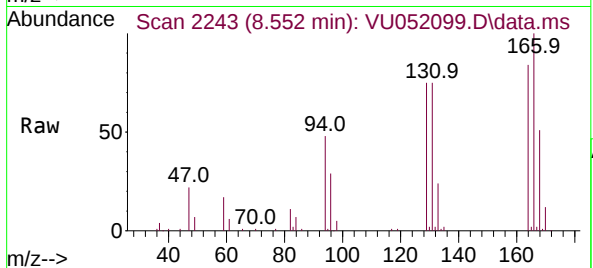
Ion Ratio Lower Upper

164 100

129 89.0 67.4 125.2

131 89.3 67.1 124.7

166 119.2 89.7 166.5



#49

Dibromochloromethane

Concen: 1.846 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.254 min

Lab File: VU052099.D

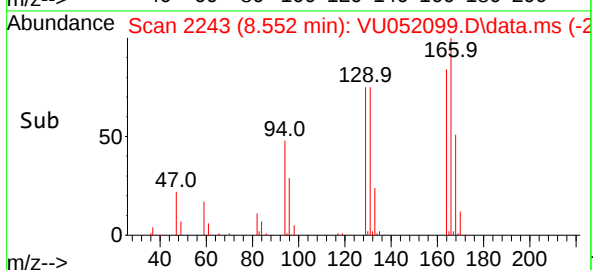
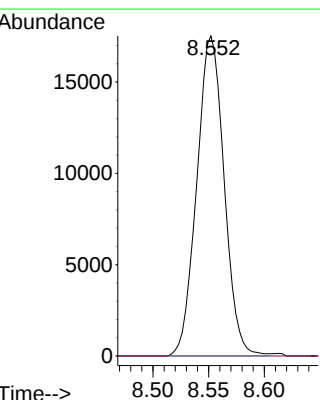
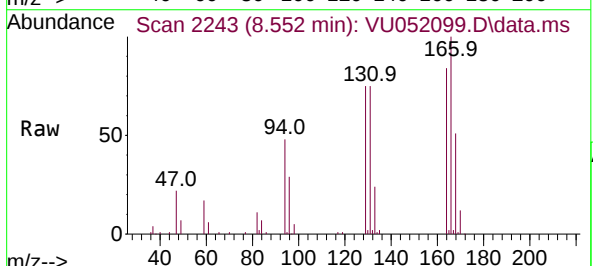
Acq: 23 Nov 2022 20:04

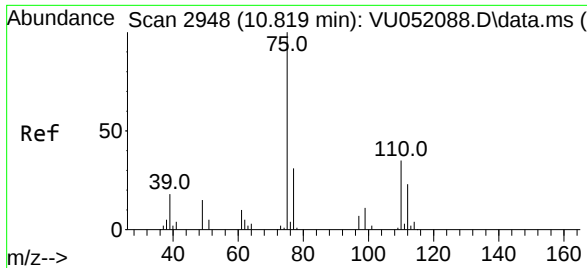
Tgt Ion:129 Resp: 29940

Ion Ratio Lower Upper

129 100

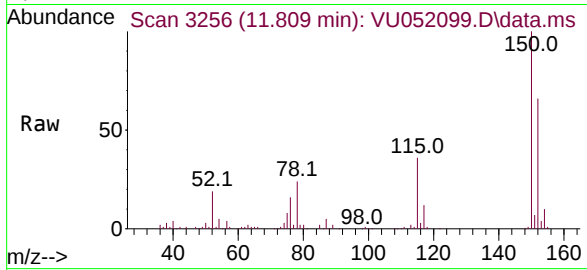
127 0.0 52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 0.977 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052099.D
 Acq: 23 Nov 2022 20:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9707
 Ion Ratio Lower Upper
 75 100
 110 2.4 28.3 42.5#
 77 29.8 26.2 39.2

