

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052049.D
 Acq On : 22 Nov 2022 18:49
 Operator : JC/MD
 Sample : N5684-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:49:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

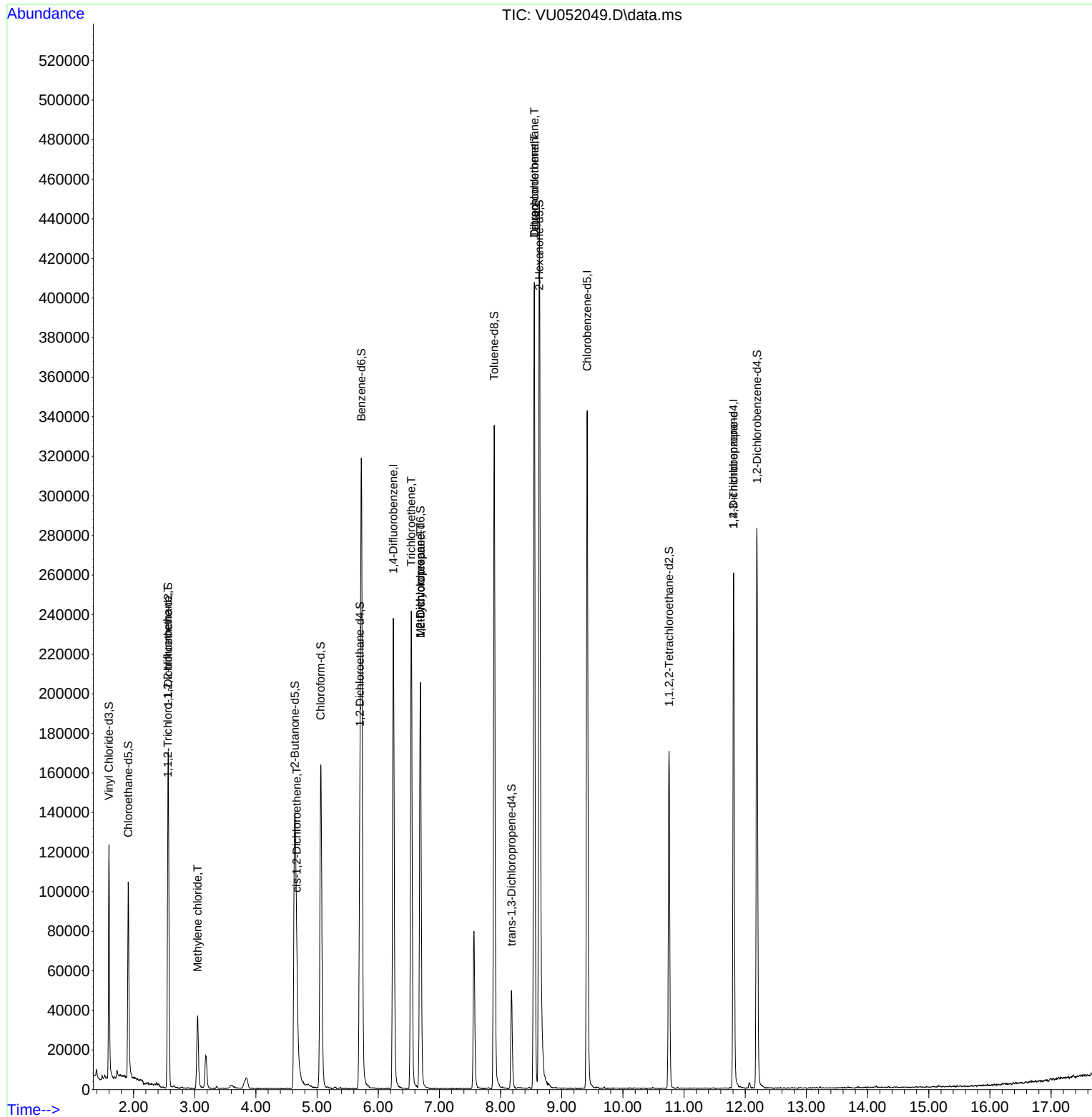
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	201332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	203673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	72415	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89797	4.585	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.800%	
7) Chloroethane-d5	1.912	69	79732	5.242	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.800%	
11) 1,1-Dichloroethene-d2	2.565	65	32084	4.571	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.400%	
20) 2-Butanone-d5	4.636	46	212294	59.805	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.600%	
24) Chloroform-d	5.060	84	157692	5.480	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.600%	
26) 1,2-Dichloroethane-d4	5.700	65	82500	5.676	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.600%	
32) Benzene-d6	5.726	84	309917	5.125	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
36) 1,2-Dichloropropane-d6	6.690	67	104848	5.603	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	112.000%	
41) Toluene-d8	7.896	98	235196	4.299	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	8.179	79	29105	4.268	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.632	63	158380	54.805	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.600%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	87140	5.371	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	78118	5.634	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.600%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	890	0.060	ug/L #	20
16) Methylene chloride	3.047	84	19343	0.979	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	10878	0.662	ug/L	94
34) Trichloroethene	6.539	95	85784	5.189	ug/L	99
35) Methylcyclohexane	6.690	83	23344	0.982	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10451	0.609	ug/L #	88
47) Tetrachloroethene	8.552	164	92870	7.330	ug/L	99
49) Dibromochloromethane	8.552	129	86764	6.007	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	8709	1.051	ug/L #	64

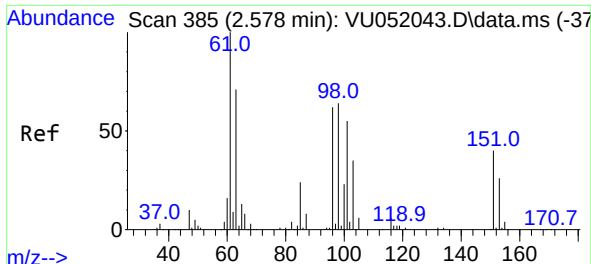
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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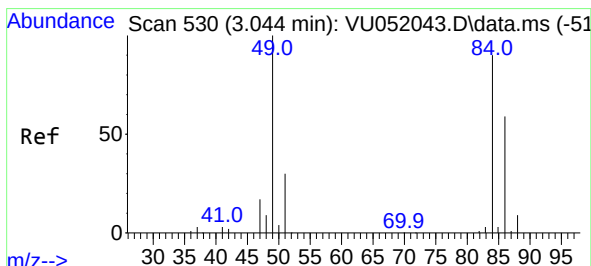
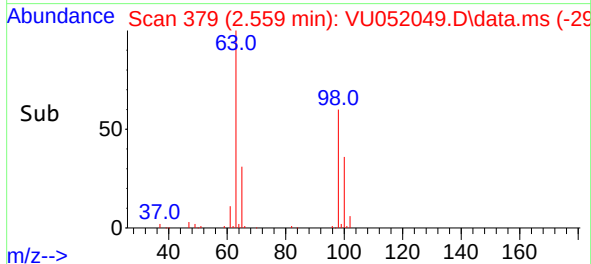
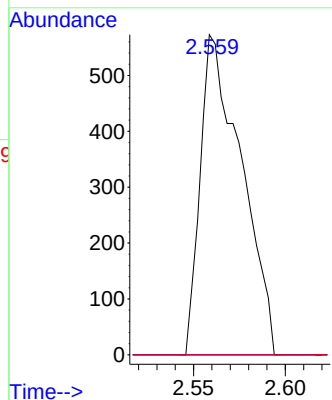
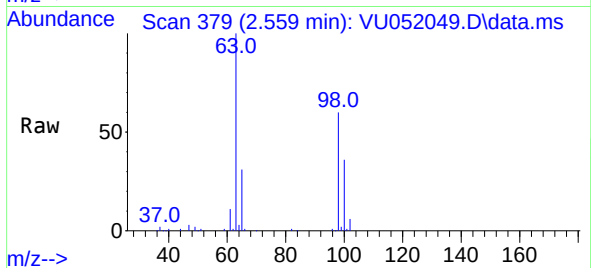




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU052049.D
Acq: 22 Nov 2022 18:49

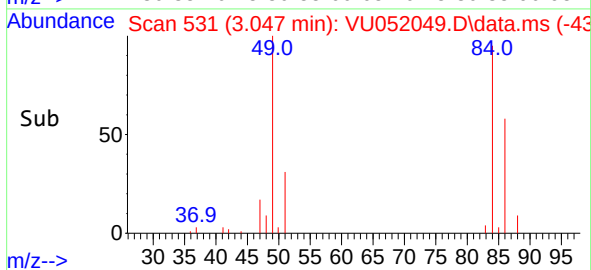
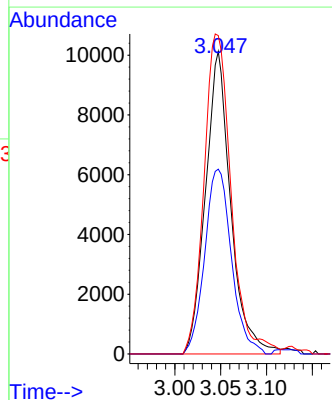
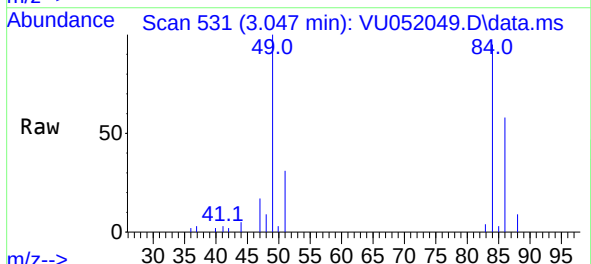
Instrument :
MSVOA_U
ClientSampleId :

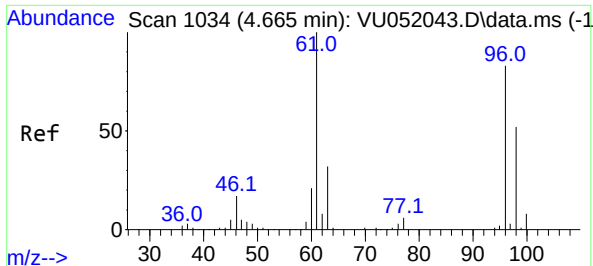
Tgt Ion:101 Resp: 890
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#16
Methylene chloride
Concen: 0.979 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU052049.D
Acq: 22 Nov 2022 18:49

Tgt Ion: 84 Resp: 19343
Ion Ratio Lower Upper
84 100
86 61.1 43.8 81.4
49 105.3 75.9 141.1





#22

cis-1,2-Dichloroethene

Concen: 0.662 ug/L

RT: 4.668 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU052049.D

Acq: 22 Nov 2022 18:49

Instrument :

MSVOA_U

ClientSampleId :

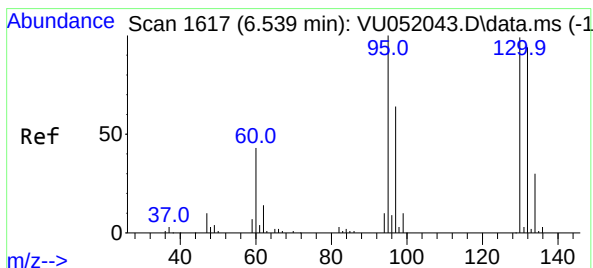
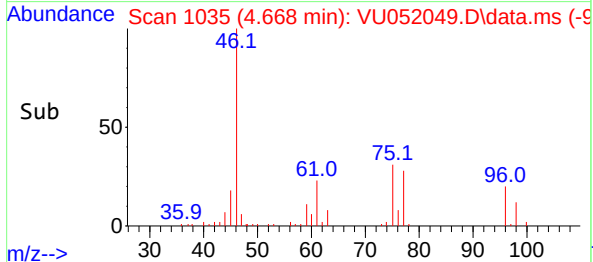
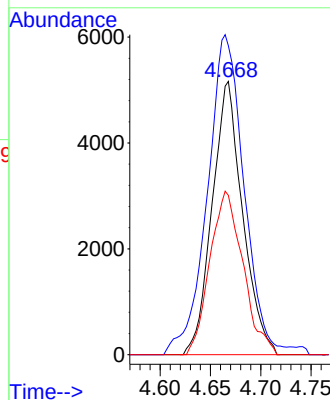
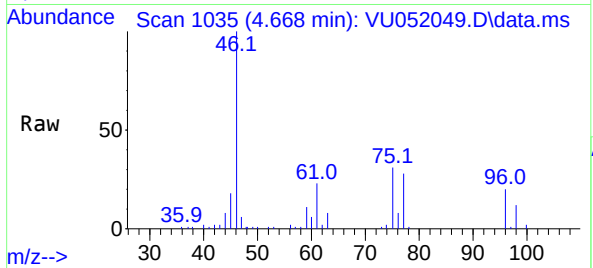
Tgt Ion: 96 Resp: 10878

Ion Ratio Lower Upper

96 100

61 113.1 85.1 158.1

98 58.3 42.8 79.6



#34

Trichloroethene

Concen: 5.189 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU052049.D

Acq: 22 Nov 2022 18:49

Tgt Ion: 95 Resp: 85784

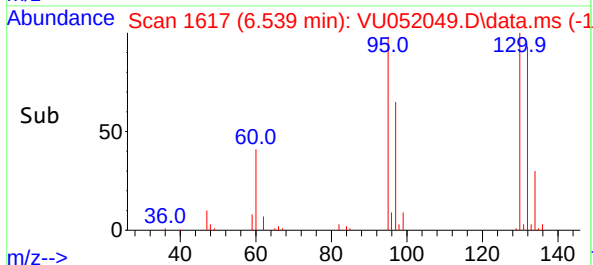
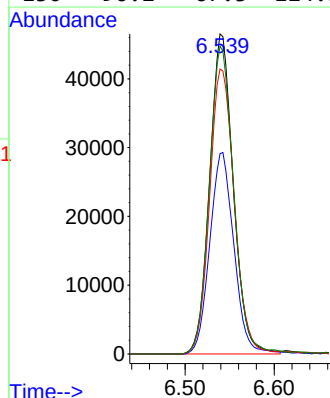
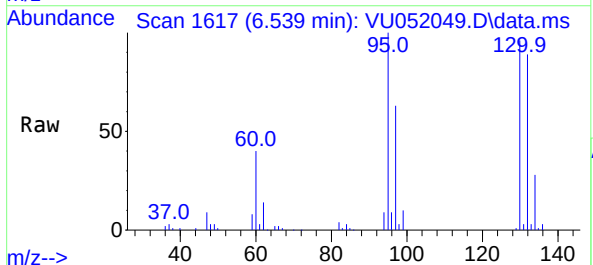
Ion Ratio Lower Upper

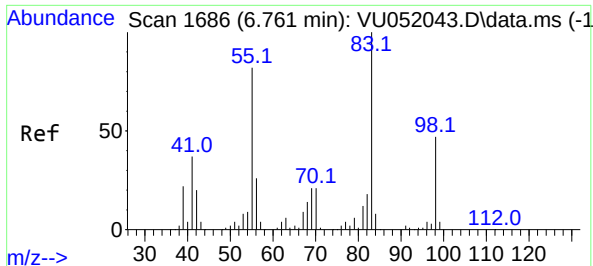
95 100

97 62.6 43.7 81.1

132 89.1 64.3 119.3

130 96.2 67.3 124.9





#35

Methylcyclohexane

Concen: 0.982 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU052049.D

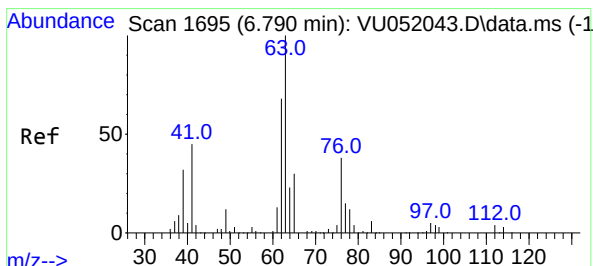
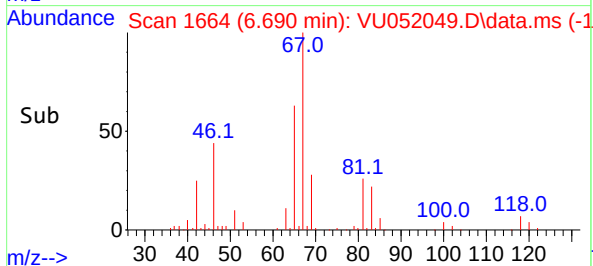
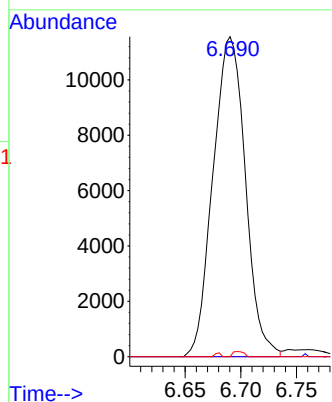
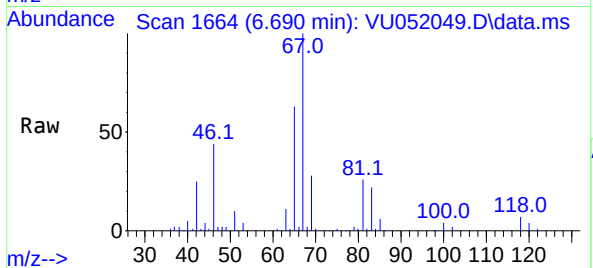
Acq: 22 Nov 2022 18:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 23344
Ion Ratio	Lower Upper
83 100	
55 0.1	60.8 91.2#
98 0.5	35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.609 ug/L

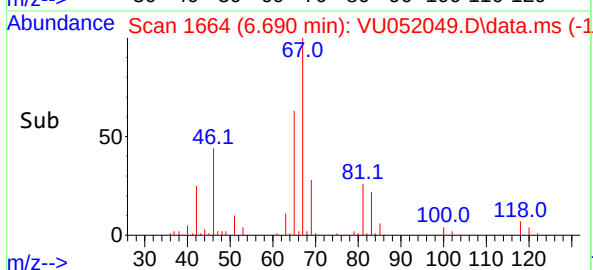
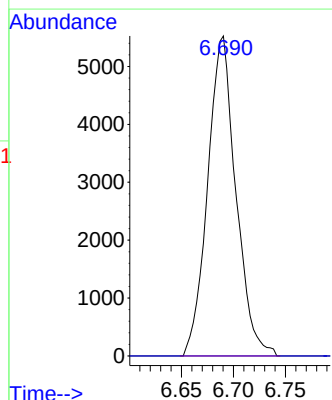
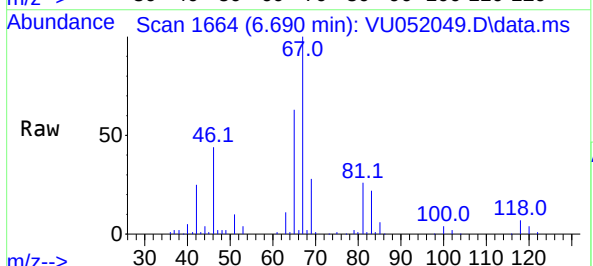
RT: 6.690 min Scan# 1664

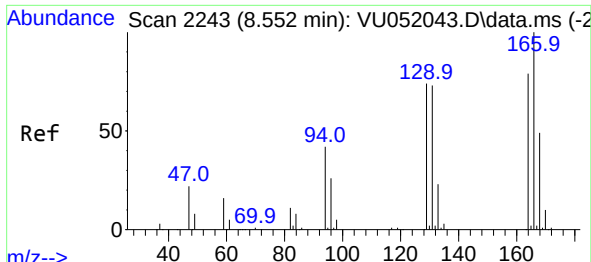
Delta R.T. -0.096 min

Lab File: VU052049.D

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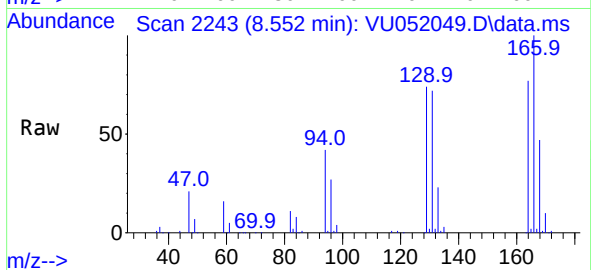
Tgt Ion: 63	Resp: 10451
Ion Ratio	Lower Upper
63 100	
112 0.0	3.3 4.9#



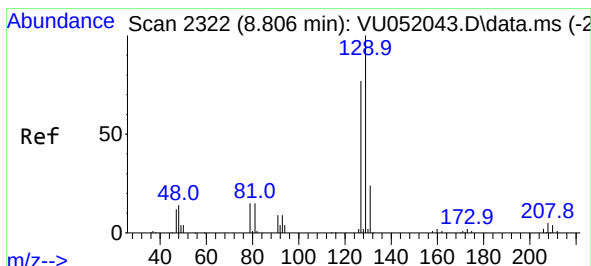
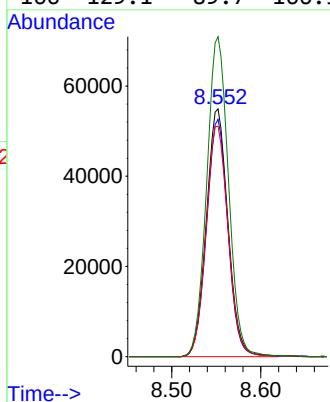
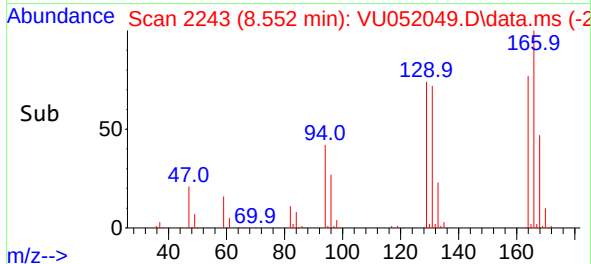


#47
Tetrachloroethene
Concen: 7.330 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU052049.D
Acq: 22 Nov 2022 18:49

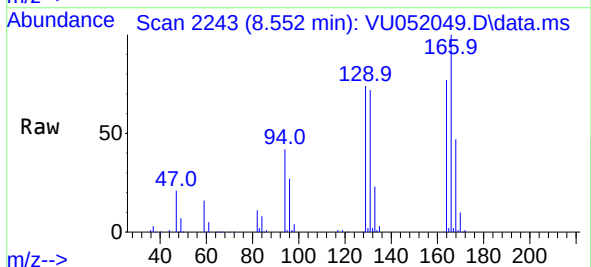
Instrument :
MSVOA_U
ClientSampleId :



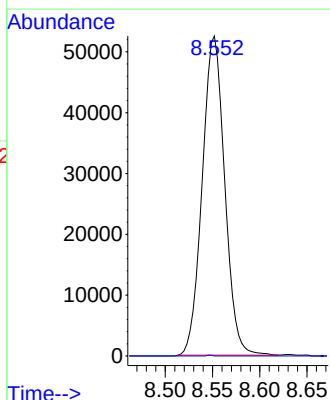
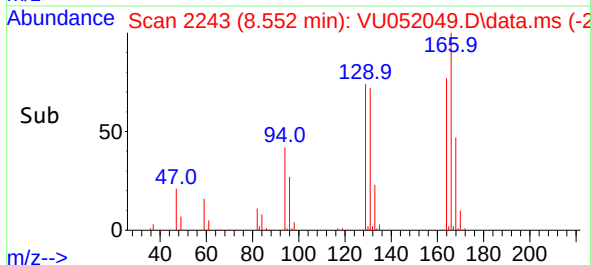
Tgt Ion:164 Resp: 92870
Ion Ratio Lower Upper
164 100
129 95.7 67.4 125.2
131 92.9 67.1 124.7
166 129.1 89.7 166.5

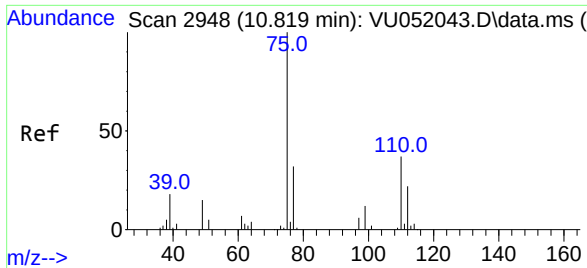


#49
Dibromochloromethane
Concen: 6.007 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU052049.D
Acq: 22 Nov 2022 18:49



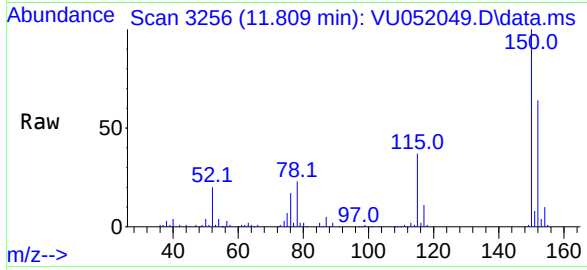
Tgt Ion:129 Resp: 86764
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.051 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052049.D
 Acq: 22 Nov 2022 18:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8709
 Ion Ratio Lower Upper
 75 100
 110 1.1 28.3 42.5#
 77 26.8 26.2 39.2

