

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052095.D
 Acq On : 23 Nov 2022 18:08
 Operator : JC/MD
 Sample : N5684-09DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 04:15:02 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)

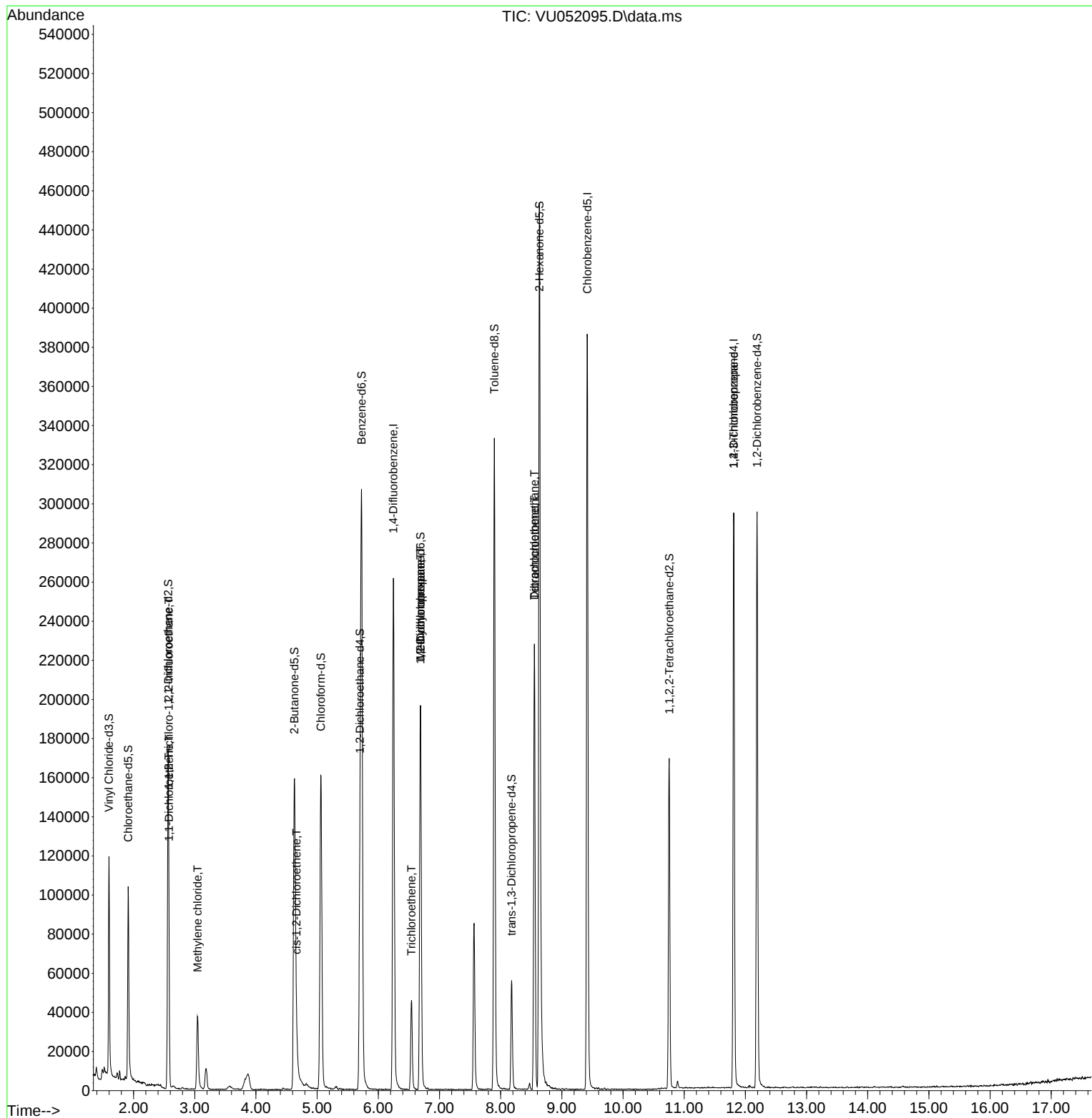
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	219563	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	227149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	82933	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	83438	3.907	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.912	69	77111	4.649	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.565	65	32860	4.292	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.629	46	197562	51.033	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.060%
24) Chloroform-d	5.060	84	152949	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.700	65	80104	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.726	84	304690	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.687	67	101891	4.882	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.896	98	231379	3.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.179	79	32251	4.241	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.632	63	158306	49.118	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.240%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	87027	4.810	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	81302	5.120	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	865	0.054	ug/L #	20
12) 1,1-Dichloroethene	2.578	96	2941	0.185	ug/L #	1
16) Methylene chloride	3.044	84	20320	0.943	ug/L	96
22) cis-1,2-Dichloroethene	4.662	96	1405	0.078	ug/L #	67
34) Trichloroethene	6.542	95	15769	0.855	ug/L	95
35) Methylcyclohexane	6.690	83	22957	0.866	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	9981	0.521	ug/L #	88
47) Tetrachloroethene	8.552	164	51960	3.677	ug/L	95
49) Dibromochloromethane	8.552	129	48900	3.036	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	9960	1.049	ug/L #	66

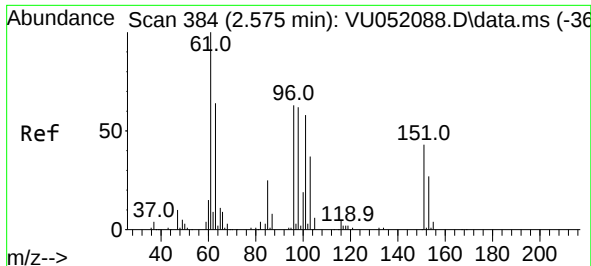
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 04:13:15 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.054 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU052095.D

Acq: 23 Nov 2022 18:08

Instrument :

MSVOA_U

ClientSampleId :

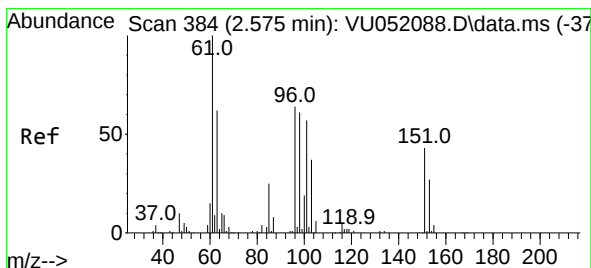
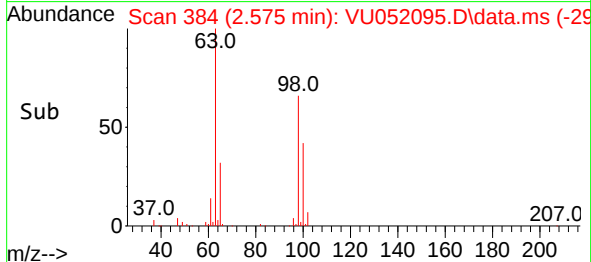
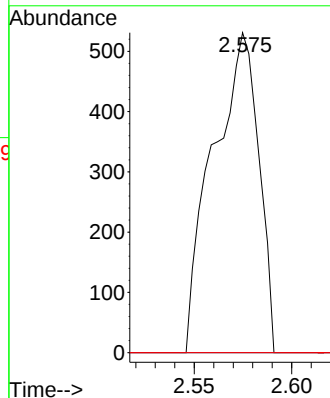
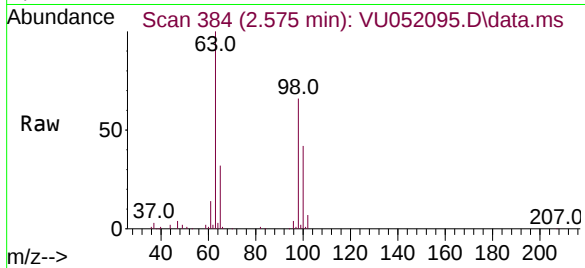
Tgt Ion:101 Resp: 865

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 58.6 88.0#



#12

1,1-Dichloroethene

Concen: 0.185 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU052095.D

Acq: 23 Nov 2022 18:08

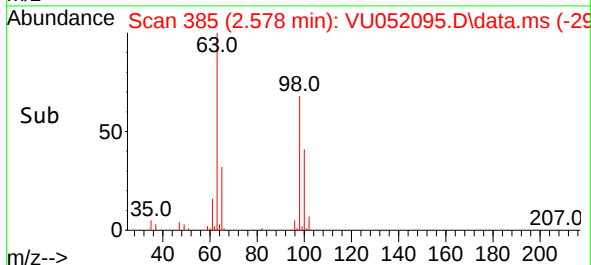
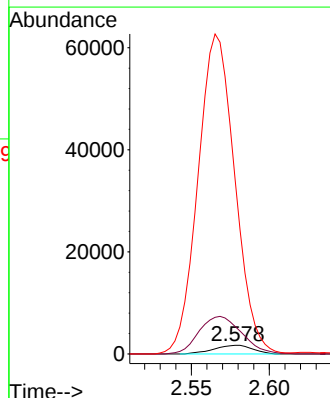
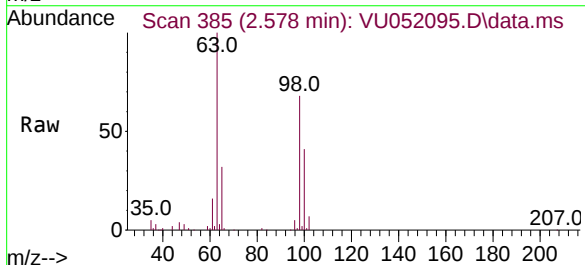
Tgt Ion: 96 Resp: 2941

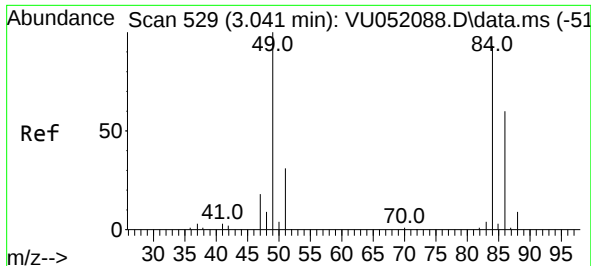
Ion Ratio Lower Upper

96 100

61 320.6 114.8 213.2#

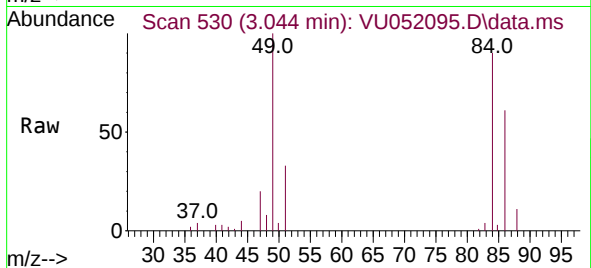
63 2034.4 93.7 174.1#



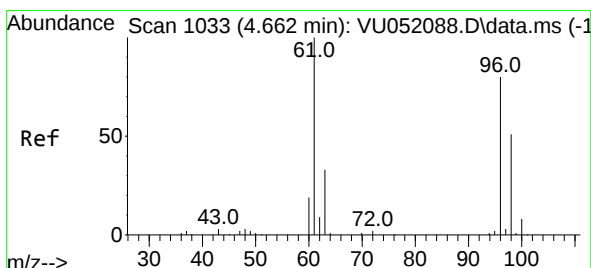
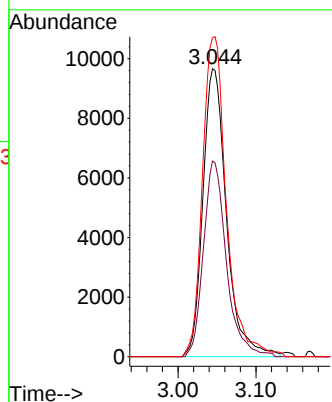
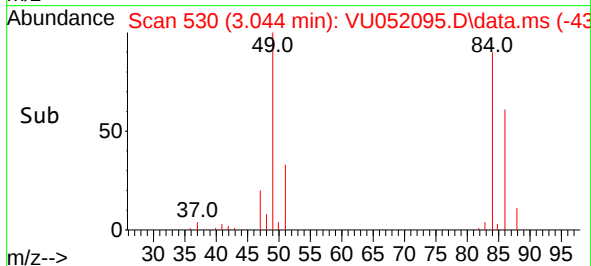


#16
Methylene chloride
Concen: 0.943 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052095.D
Acq: 23 Nov 2022 18:08

Instrument :
MSVOA_U
ClientSampleId :

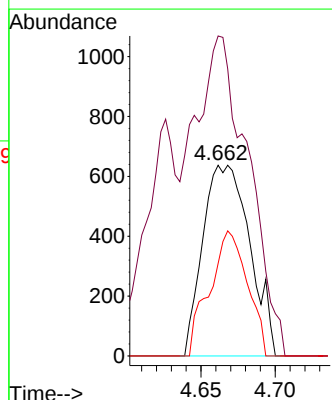
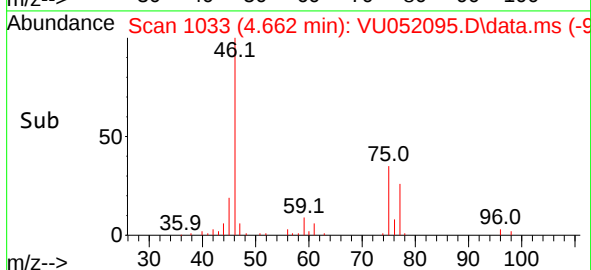
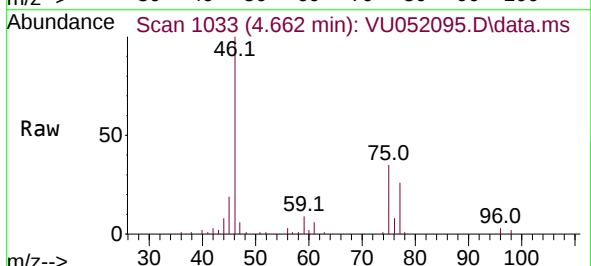


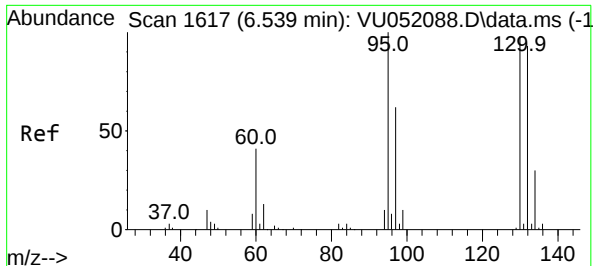
Tgt Ion: 84 Resp: 20320
Ion Ratio Lower Upper
84 100
86 67.9 43.8 81.4
49 110.8 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 0.078 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052095.D
Acq: 23 Nov 2022 18:08

Tgt Ion: 96 Resp: 1405
Ion Ratio Lower Upper
96 100
61 167.8 85.1 158.1#
98 48.5 42.8 79.6



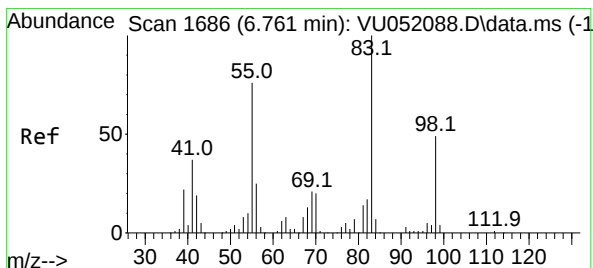
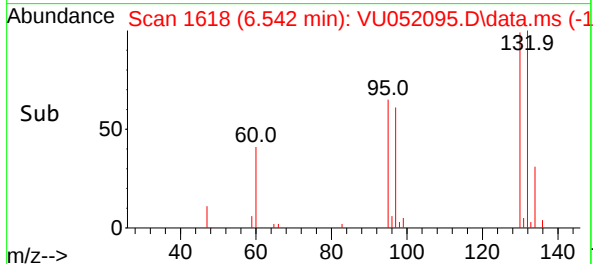
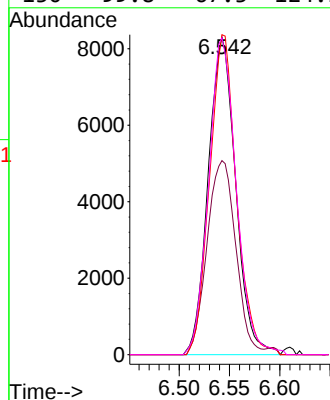
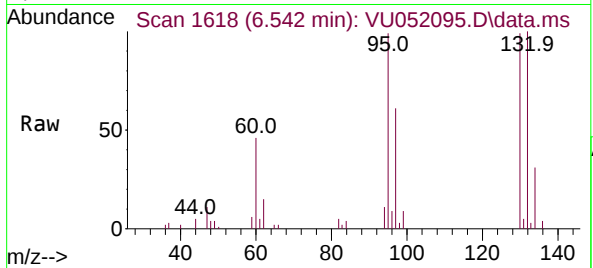


#34
Trichloroethene
Concen: 0.855 ug/L
RT: 6.542 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU052095.D
Acq: 23 Nov 2022 18:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 15769

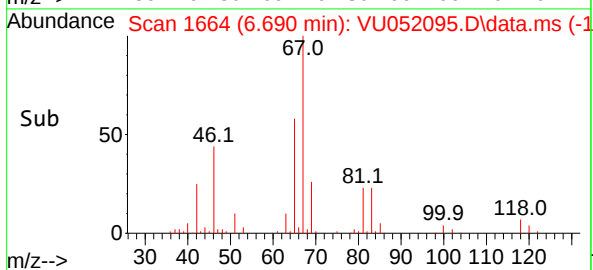
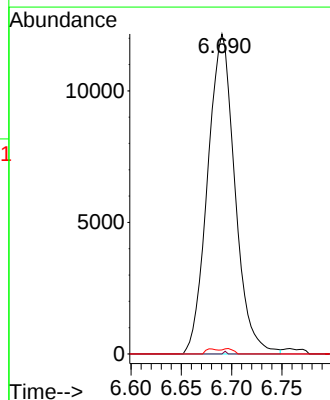
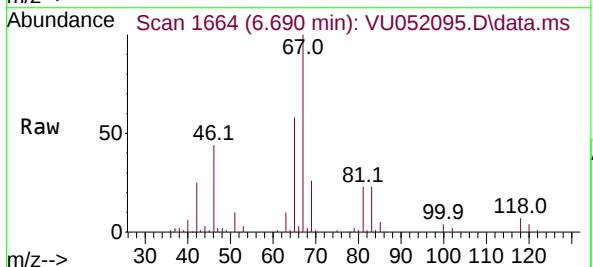
Ion	Ratio	Lower	Upper
95	100		
97	61.2	43.7	81.1
132	100.8	64.3	119.3
130	99.8	67.3	124.9

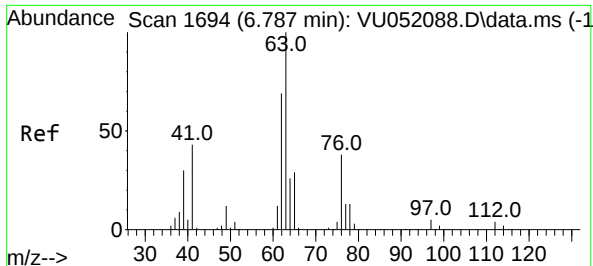


#35
Methylcyclohexane
Concen: 0.866 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052095.D
Acq: 23 Nov 2022 18:08

Tgt Ion: 83 Resp: 22957

Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.8	91.2#
98	0.7	35.1	52.7#

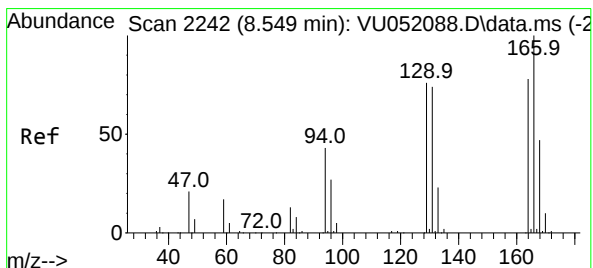
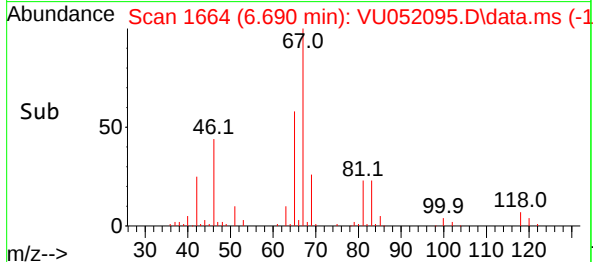
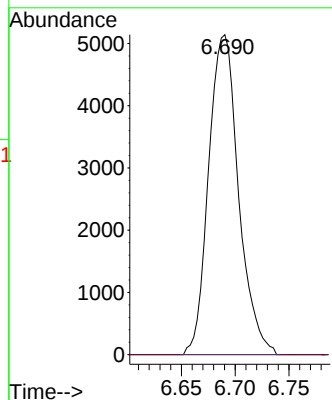
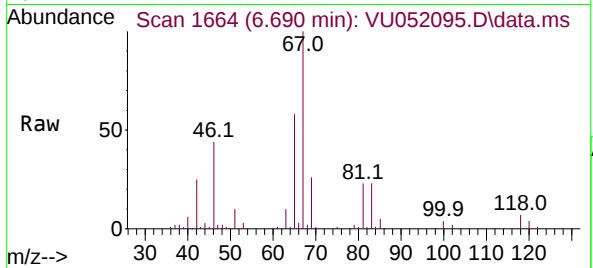




#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU052095.D
Acq: 23 Nov 2022 18:08

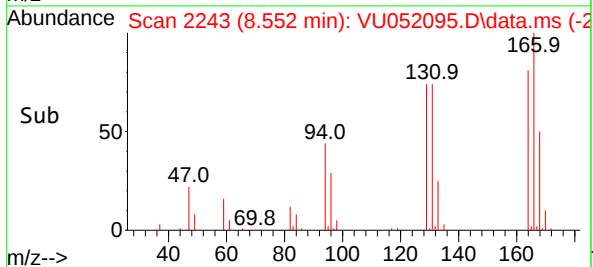
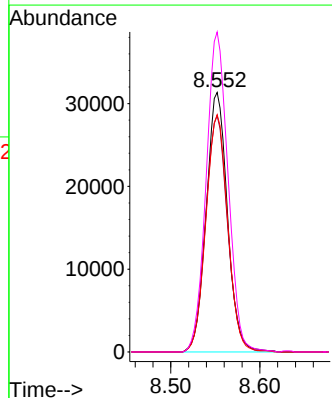
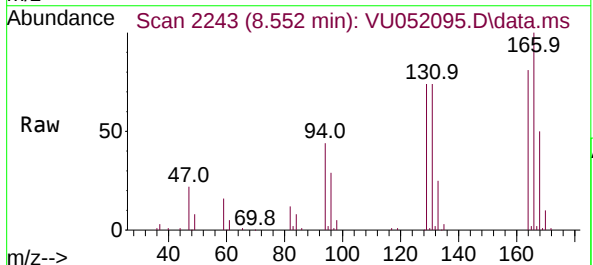
Instrument :
MSVOA_U
ClientSampleId :

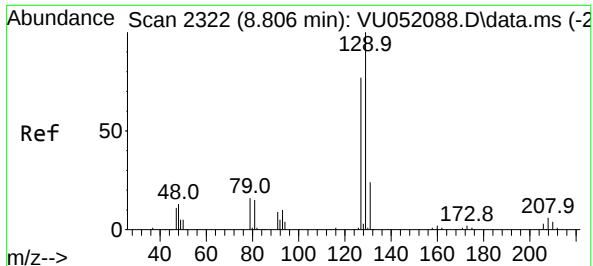
Tgt Ion: 63 Resp: 9981
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#47
Tetrachloroethene
Concen: 3.677 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052095.D
Acq: 23 Nov 2022 18:08

Tgt Ion: 164 Resp: 51960
Ion Ratio Lower Upper
164 100
129 91.1 67.4 125.2
131 91.4 67.1 124.7
166 123.3 89.7 166.5





#49

Dibromochloromethane

Concen: 3.036 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU052095.D

Acq: 23 Nov 2022 18:08

Instrument :

MSVOA_U

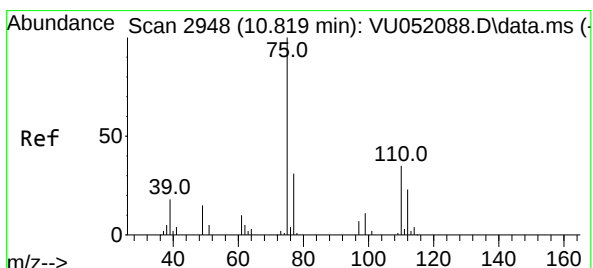
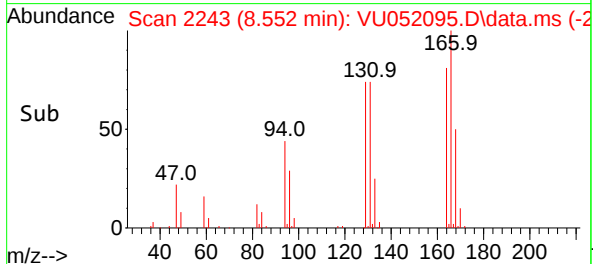
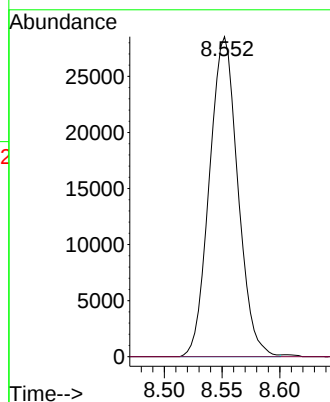
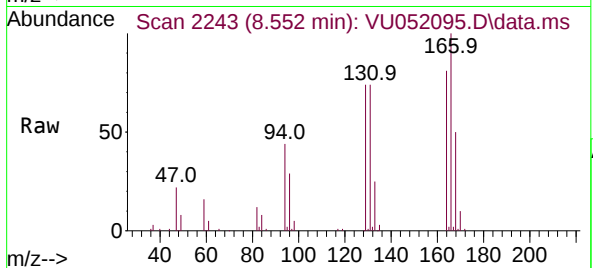
ClientSampleId :

Tgt Ion:129 Resp: 48900

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.049 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052095.D

Acq: 23 Nov 2022 18:08

Tgt Ion: 75 Resp: 9960

Ion Ratio Lower Upper

75 100

110 1.9 28.3 42.5#

77 27.8 26.2 39.2

