

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052094.D
 Acq On : 23 Nov 2022 17:38
 Operator : JC/MD
 Sample : N5684-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 04:14:50 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)

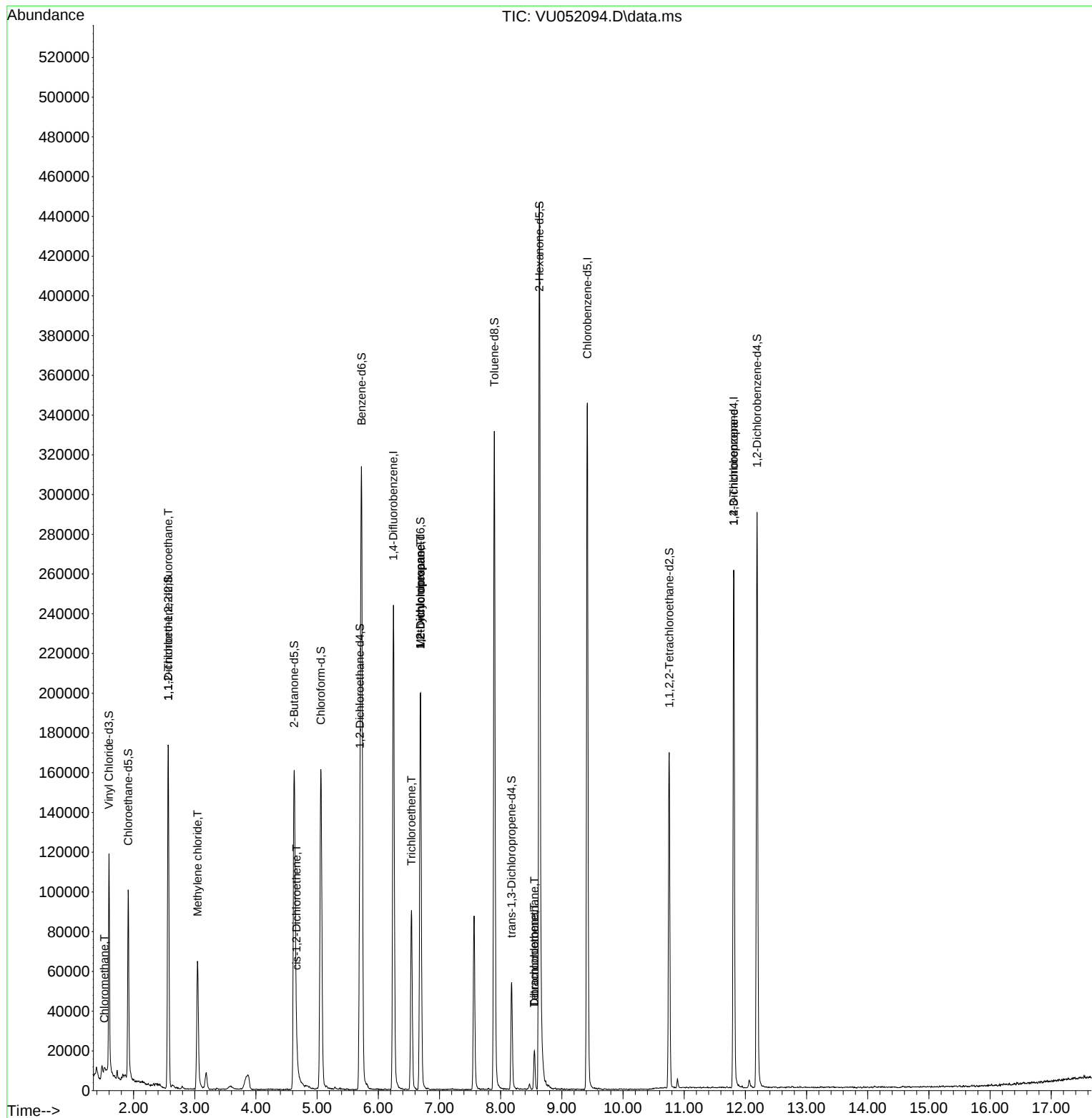
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	202447	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	201695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	74976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85590	4.346	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.912	69	76691	5.014	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.565	65	31330	4.439	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.623	46	205212	57.491	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.980%
24) Chloroform-d	5.060	84	155986	5.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.700	65	80787	5.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	5.726	84	312874	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.687	67	102448	5.528	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.600%
41) Toluene-d8	7.896	98	232225	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.179	79	32124	4.757	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.632	63	153679	53.700	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.400%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	86434	5.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	80285	5.593	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	2848	0.124	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	977	0.066	ug/L #	20
16) Methylene chloride	3.044	84	34739	1.748	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	1524	0.092	ug/L #	91
34) Trichloroethene	6.542	95	32355	1.976	ug/L	99
35) Methylcyclohexane	6.690	83	23586	1.001	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	9954	0.586	ug/L #	88
47) Tetrachloroethene	8.549	164	4735	0.377	ug/L	94
49) Dibromochloromethane	8.552	129	4520	0.316	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	8235	0.960	ug/L #	69

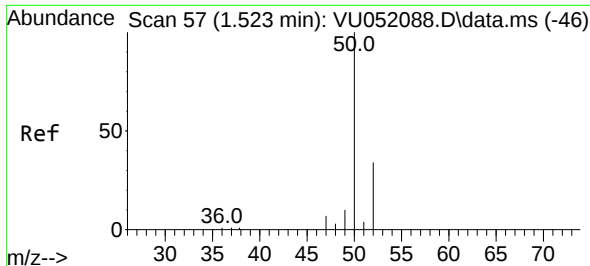
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
Data File : VU052094.D
Acq On : 23 Nov 2022 17:38
Operator : JC/MD
Sample : N5684-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 24 04:14:50 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

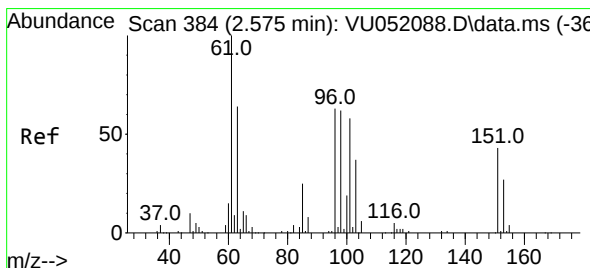
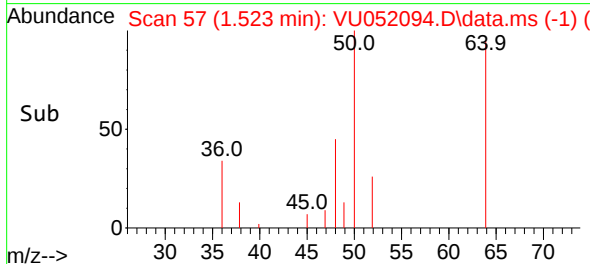
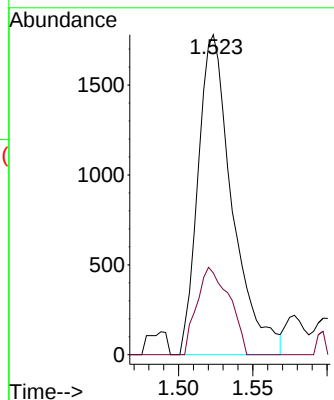
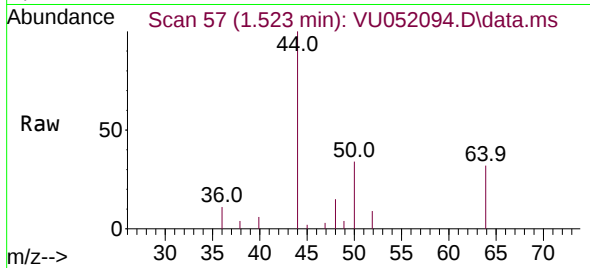




#3
Chloromethane
Concen: 0.124 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052094.D
Acq: 23 Nov 2022 17:38

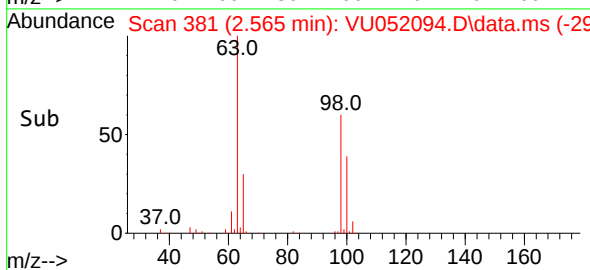
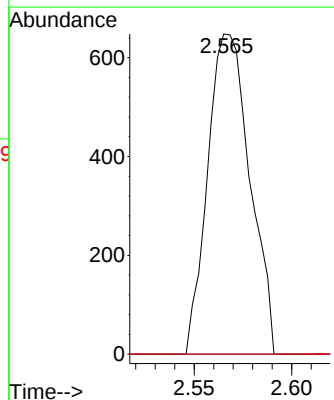
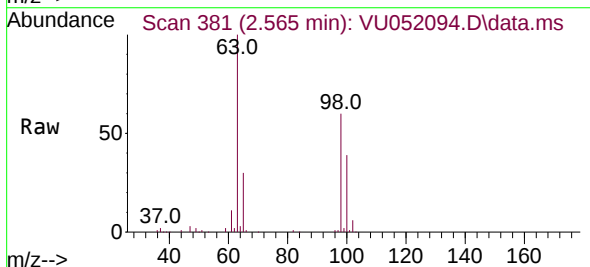
Instrument :
MSVOA_U
ClientSampleId :

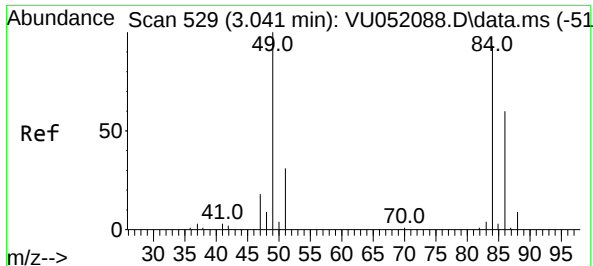
Tgt Ion: 50 Resp: 2848
Ion Ratio Lower Upper
50 100
52 25.6 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.066 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU052094.D
Acq: 23 Nov 2022 17:38

Tgt Ion: 101 Resp: 977
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#

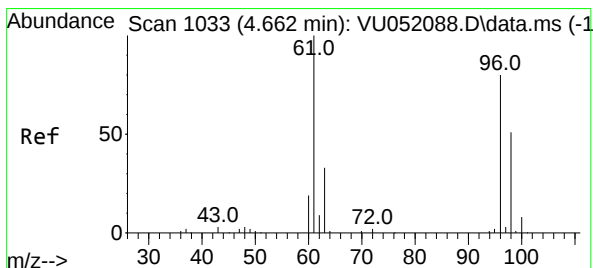
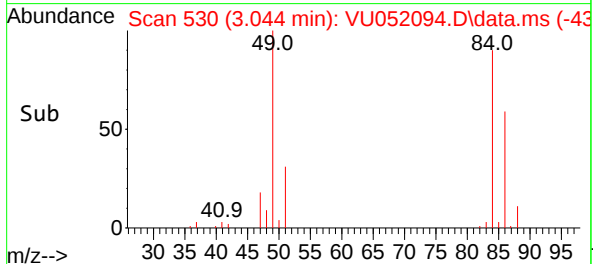
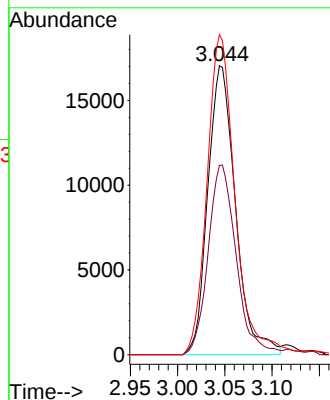
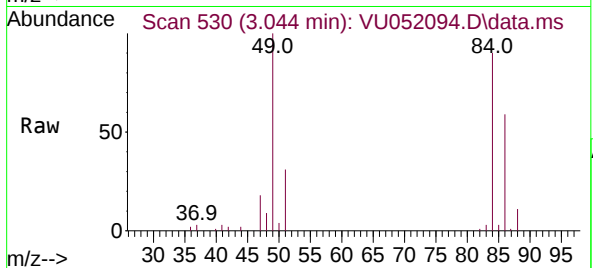




#16
Methylene chloride
Concen: 1.748 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052094.D
Acq: 23 Nov 2022 17:38

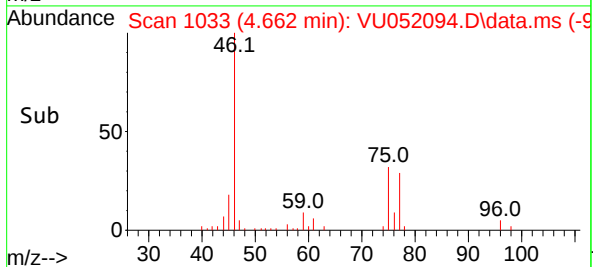
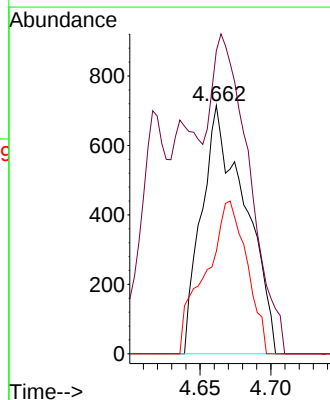
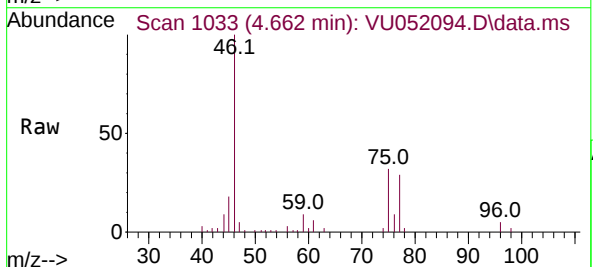
Instrument :
MSVOA_U
ClientSampleId :

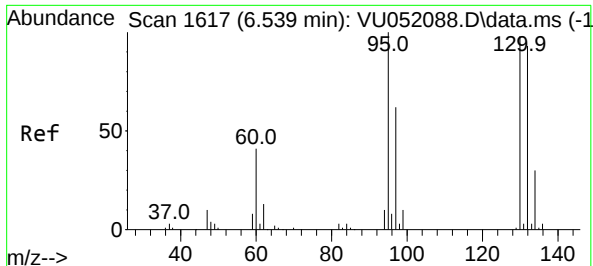
Tgt Ion: 84 Resp: 34739
Ion Ratio Lower Upper
84 100
86 65.5 43.8 81.4
49 110.7 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 0.092 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052094.D
Acq: 23 Nov 2022 17:38

Tgt Ion: 96 Resp: 1524
Ion Ratio Lower Upper
96 100
61 122.1 85.1 158.1
98 41.3 42.8 79.6#

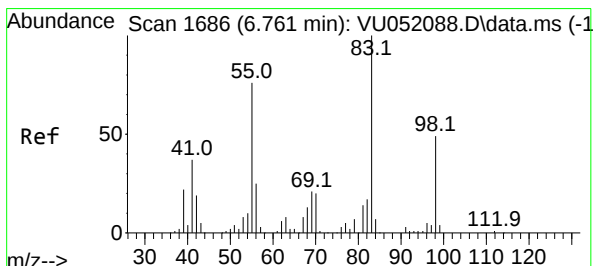
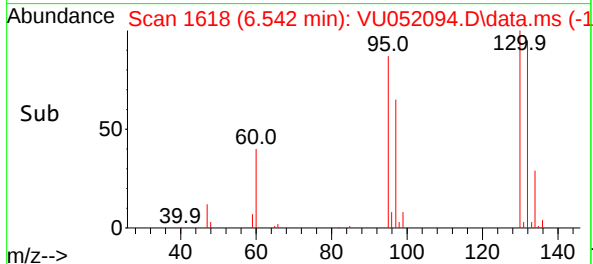
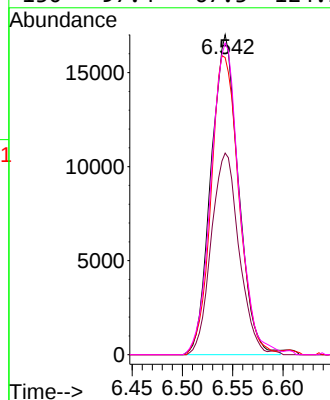
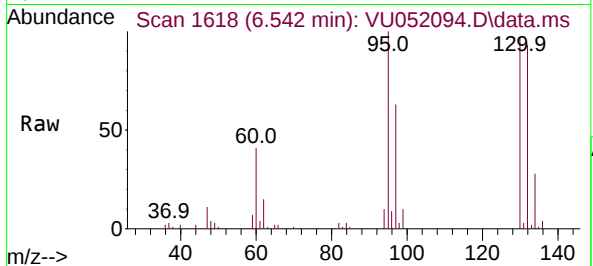




#34
Trichloroethene
Concen: 1.976 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU052094.D
Acq: 23 Nov 2022 17:38

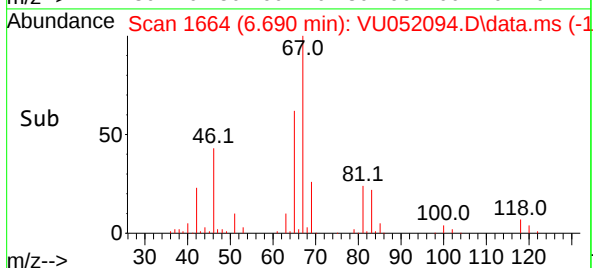
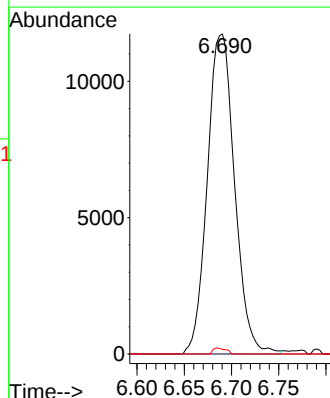
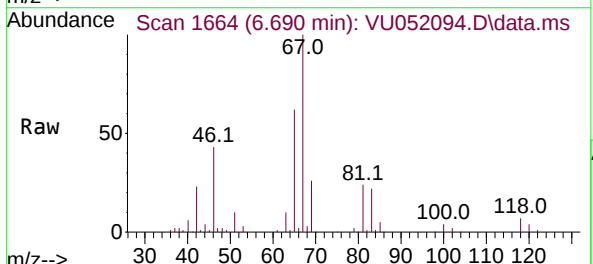
Instrument :
MSVOA_U
ClientSampleId :

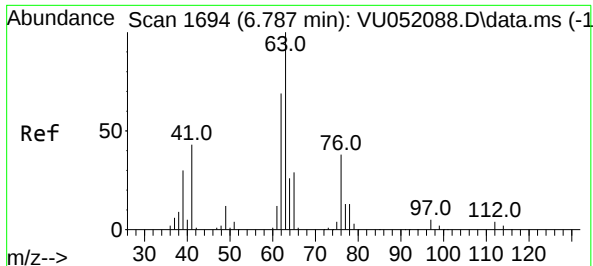
Tgt Ion: 95 Resp: 32355
Ion Ratio Lower Upper
95 100
97 63.0 43.7 81.1
132 92.8 64.3 119.3
130 97.4 67.3 124.9



#35
Methylcyclohexane
Concen: 1.001 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052094.D
Acq: 23 Nov 2022 17:38

Tgt Ion: 83 Resp: 23586
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 0.9 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.586 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU052094.D

Acq: 23 Nov 2022 17:38

Instrument :

MSVOA_U

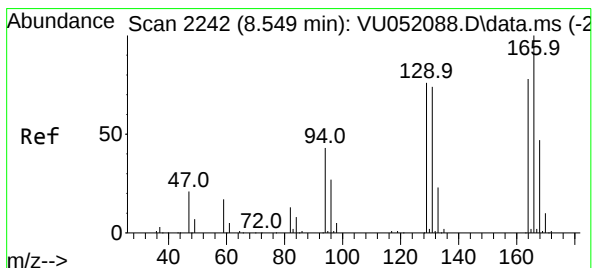
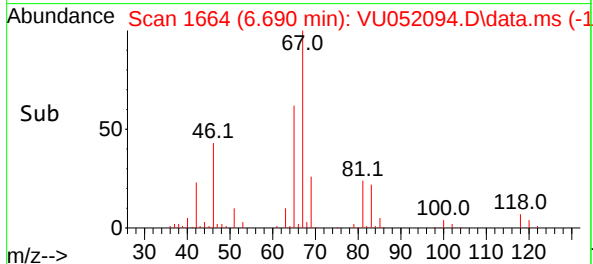
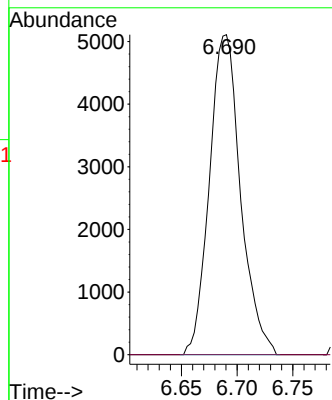
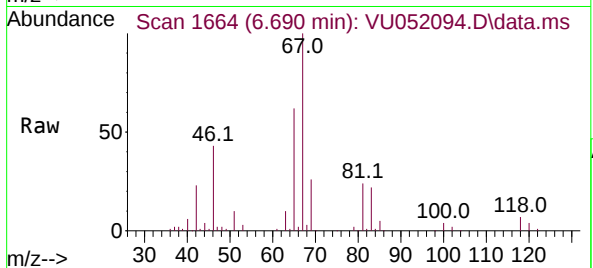
ClientSampleId :

Tgt Ion: 63 Resp: 9954

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 0.377 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VU052094.D

Acq: 23 Nov 2022 17:38

Tgt Ion: 164 Resp: 4735

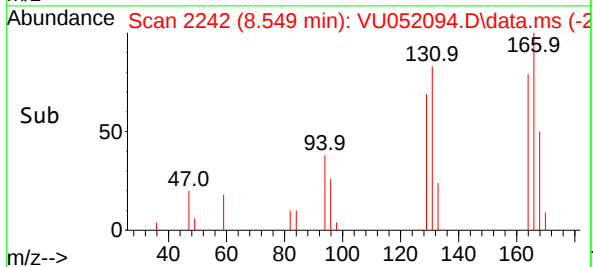
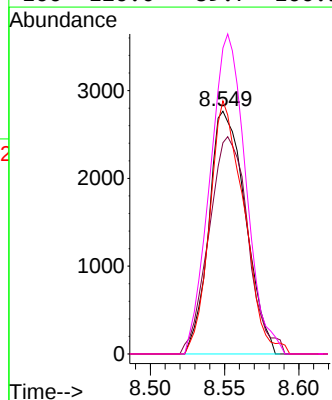
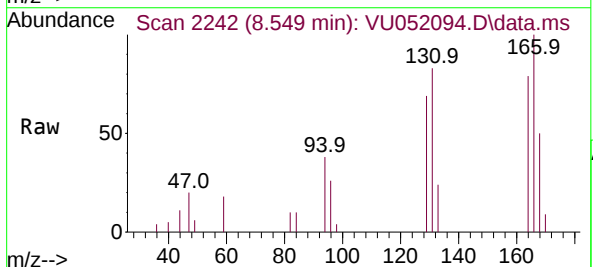
Ion Ratio Lower Upper

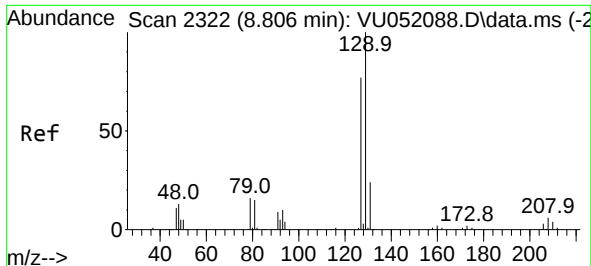
164 100

129 87.0 67.4 125.2

131 104.3 67.1 124.7

166 126.0 89.7 166.5





#49

Dibromochloromethane

Concen: 0.316 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU052094.D

Acq: 23 Nov 2022 17:38

Instrument :

MSVOA_U

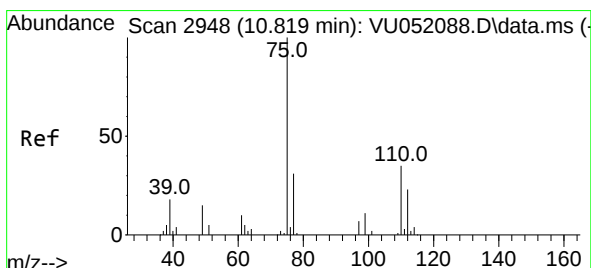
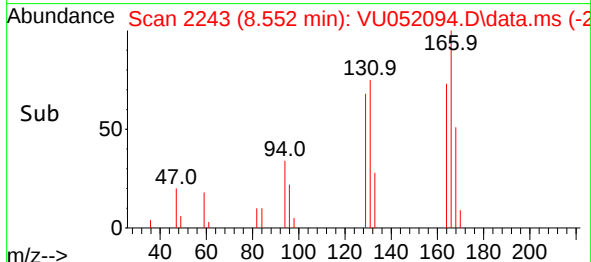
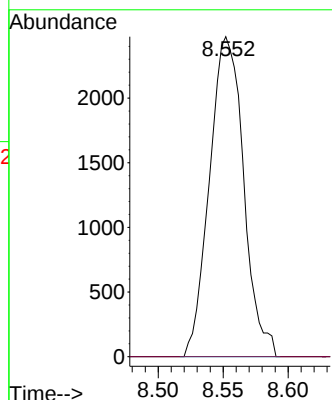
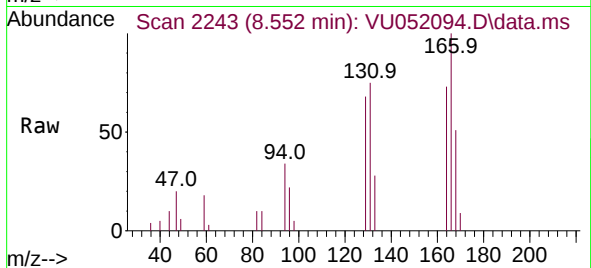
ClientSampleId :

Tgt Ion:129 Resp: 4520

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 0.960 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052094.D

Acq: 23 Nov 2022 17:38

Tgt Ion: 75 Resp: 8235

Ion Ratio Lower Upper

75 100

110 1.8 28.3 42.5#

77 33.8 26.2 39.2

