

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052098.D
 Acq On : 23 Nov 2022 19:36
 Operator : JC/MD
 Sample : N5684-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 04:15:40 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)

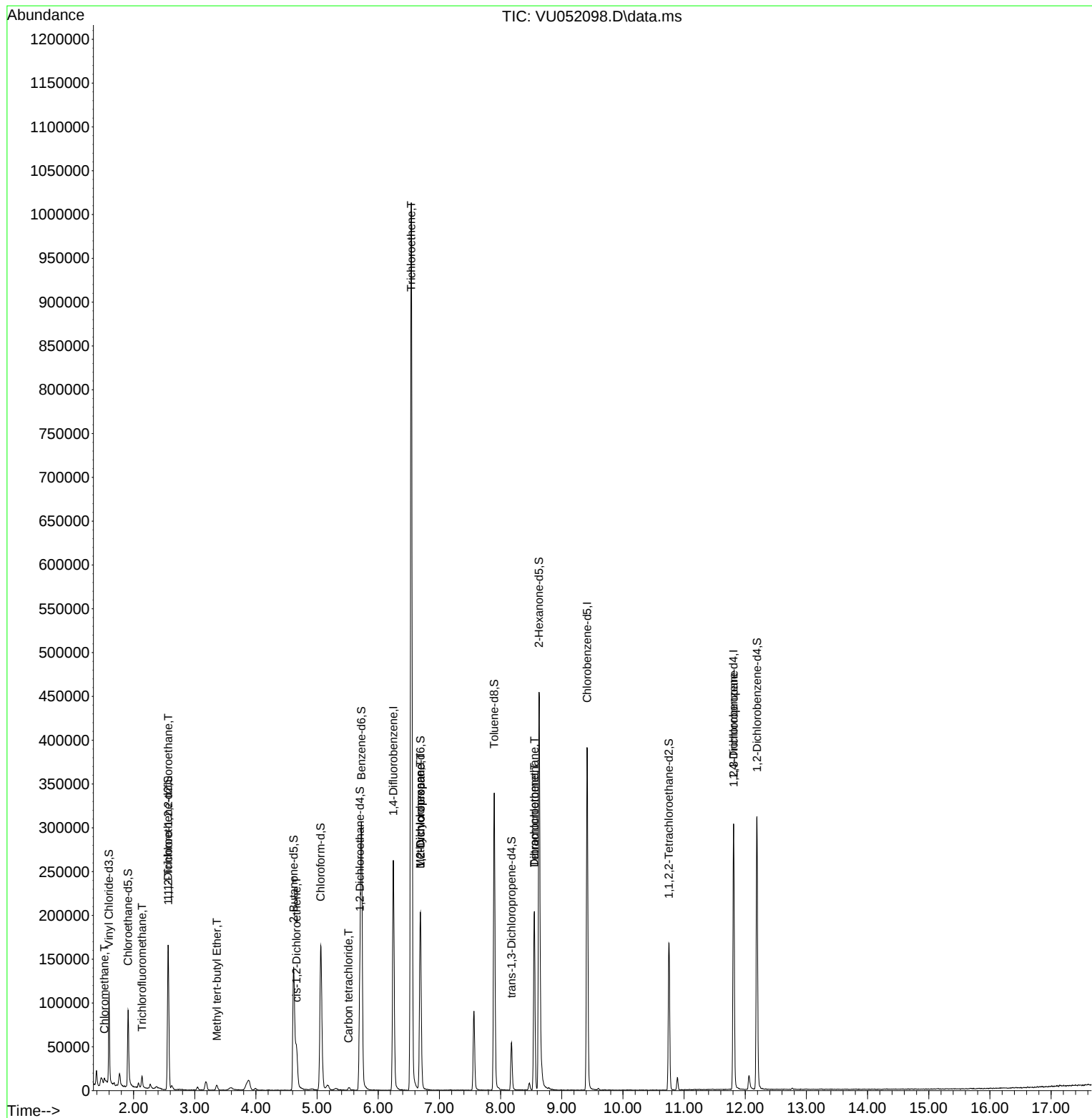
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	217911	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	227383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85423	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	80889	3.816	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.909	69	74054	4.498	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.565	65	30463	4.009	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.616	46	199342	51.884	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.760%
24) Chloroform-d	5.060	84	155356	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.700	65	78634	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.726	84	308747	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.690	67	103832	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.896	98	237487	3.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.179	79	31124	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.629	63	156049	48.368	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.740%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	86992	4.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	86438	5.285	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	4580	0.186	ug/L	91
9) Trichlorofluoromethane	2.137	101	8175	0.314	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1443	0.091	ug/L #	51
17) Methyl tert-butyl Ether	3.362	73	5232	0.148	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	21007	1.181	ug/L	97
31) Carbon tetrachloride	5.513	117	2046	0.095	ug/L	100
34) Trichloroethene	6.539	95	358511	19.424	ug/L	98
35) Methylcyclohexane	6.687	83	23914	0.901	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10400	0.543	ug/L #	88
47) Tetrachloroethene	8.552	164	46604	3.295	ug/L	95
49) Dibromochloromethane	8.552	129	44962	2.788	ug/L #	12
61) 1,2,3-Trichloropropane	11.812	75	9819	1.004	ug/L #	69

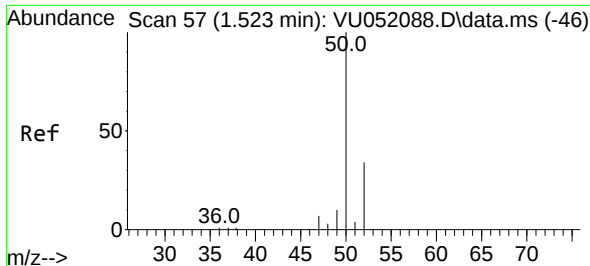
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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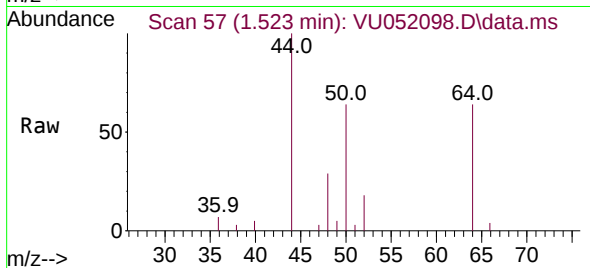
Quant Time: Nov 24 04:15:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 04:13:15 2022
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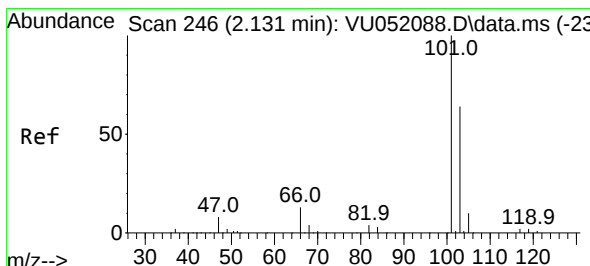
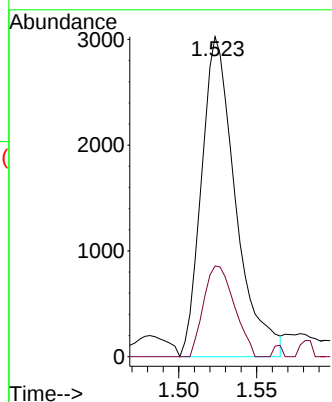
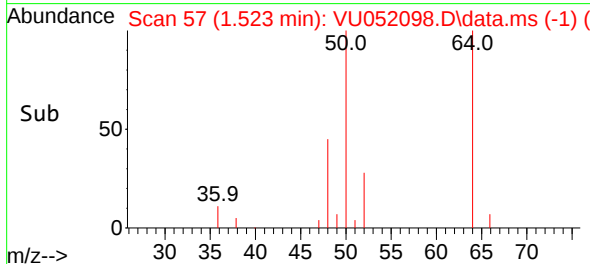


#3
Chloromethane
Concen: 0.186 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052098.D
Acq: 23 Nov 2022 19:36

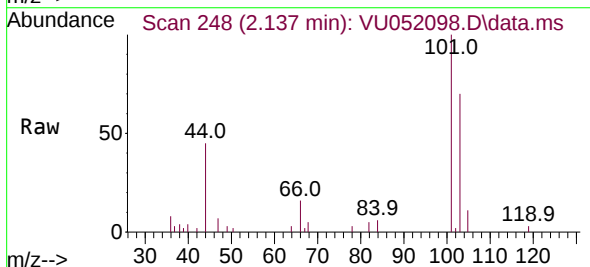
Instrument :
MSVOA_U
ClientSampleId :



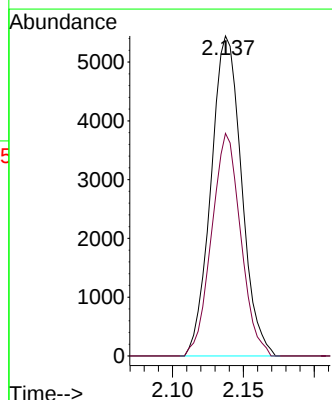
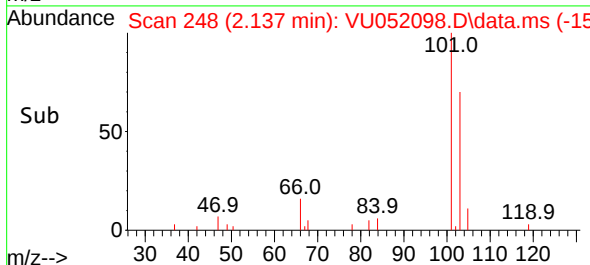
Tgt Ion: 50 Resp: 4580
Ion Ratio Lower Upper
50 100
52 28.4 23.4 43.4

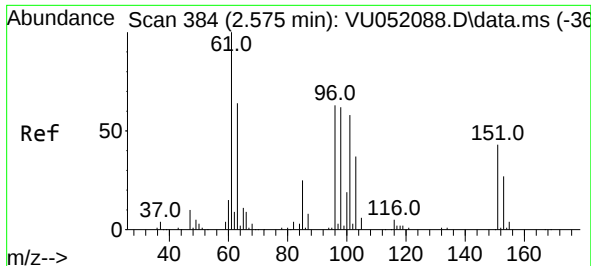


#9
Trichlorofluoromethane
Concen: 0.314 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.006 min
Lab File: VU052098.D
Acq: 23 Nov 2022 19:36



Tgt Ion: 101 Resp: 8175
Ion Ratio Lower Upper
101 100
103 66.2 51.6 77.4

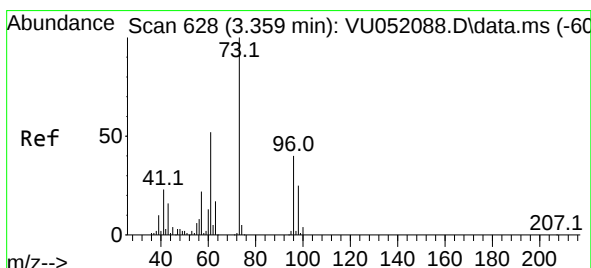
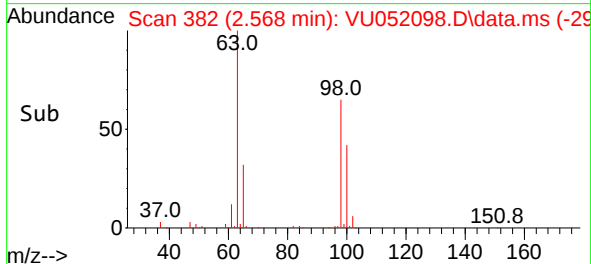
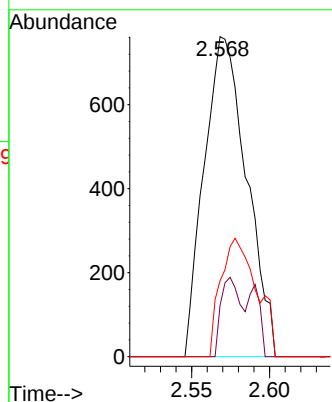
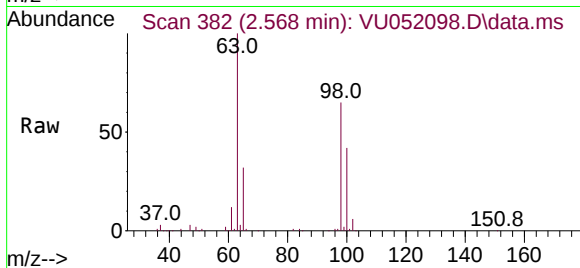




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.091 ug/L
RT: 2.568 min Scan# 310
Delta R.T. -0.007 min
Lab File: VU052098.D
Acq: 23 Nov 2022 19:36

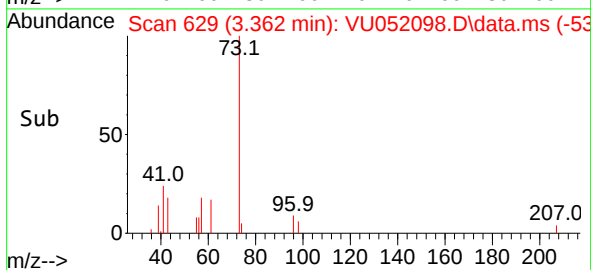
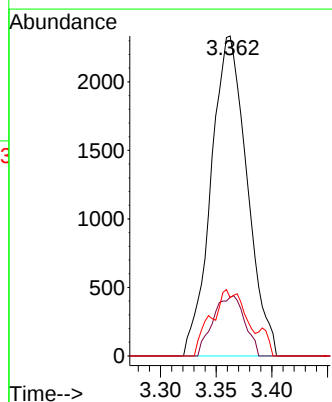
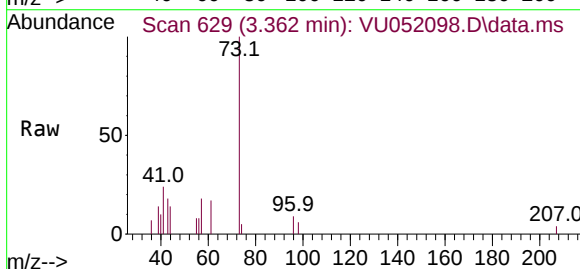
Instrument :
MSVOA_U
ClientSampleId :

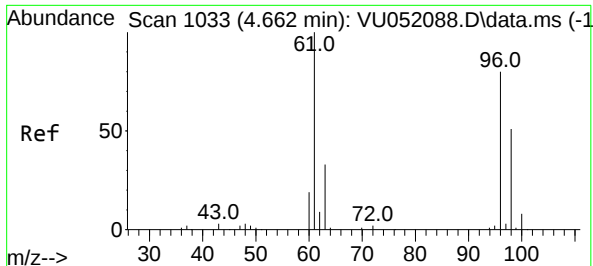
Tgt Ion:101 Resp: 1443
Ion Ratio Lower Upper
101 100
85 11.8 33.8 50.6#
151 31.3 58.6 88.0#



#17
Methyl tert-butyl Ether
Concen: 0.148 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU052098.D
Acq: 23 Nov 2022 19:36

Tgt Ion: 73 Resp: 5232
Ion Ratio Lower Upper
73 100
43 16.6 13.2 19.8
57 19.6 17.8 26.8





#22

cis-1,2-Dichloroethene

Concen: 1.181 ug/L

RT: 4.665 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052098.D

Acq: 23 Nov 2022 19:36

Instrument :

MSVOA_U

ClientSampleId :

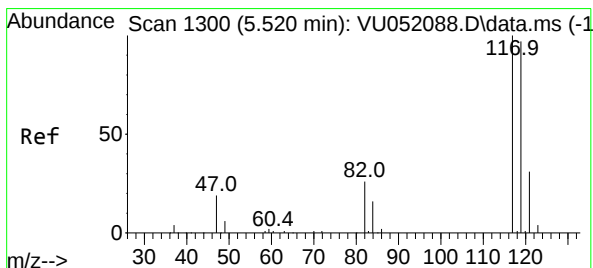
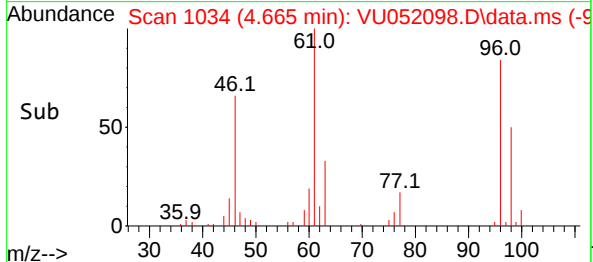
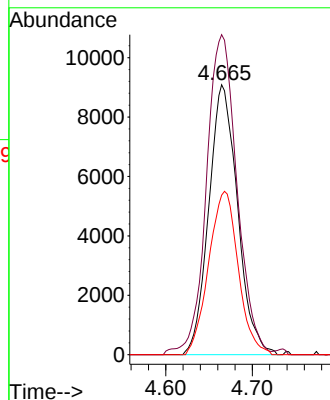
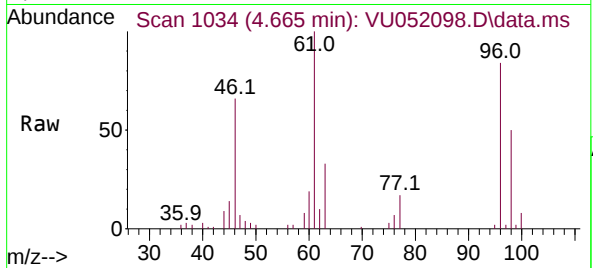
Tgt Ion: 96 Resp: 21007

Ion Ratio Lower Upper

96 100

61 118.6 85.1 158.1

98 59.1 42.8 79.6



#31

Carbon tetrachloride

Concen: 0.095 ug/L

RT: 5.513 min Scan# 1298

Delta R.T. -0.007 min

Lab File: VU052098.D

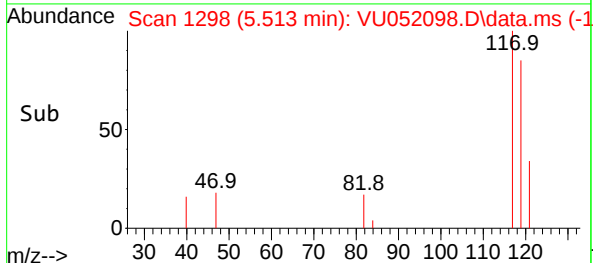
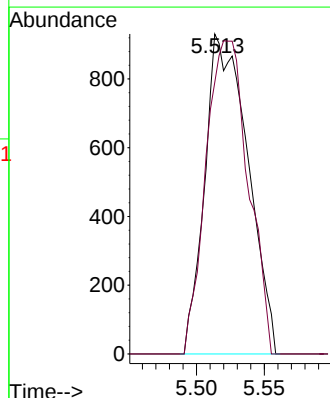
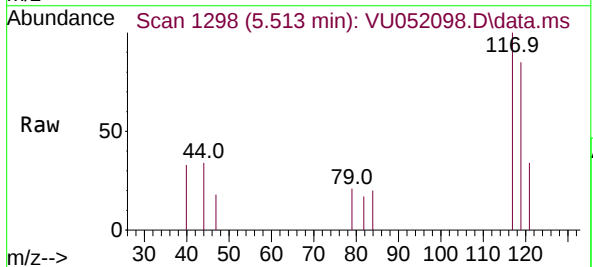
Acq: 23 Nov 2022 19:36

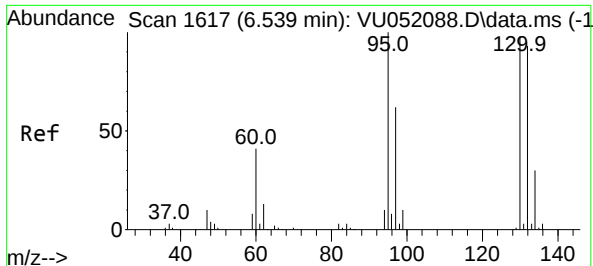
Tgt Ion: 117 Resp: 2046

Ion Ratio Lower Upper

117 100

119 96.7 77.2 115.8

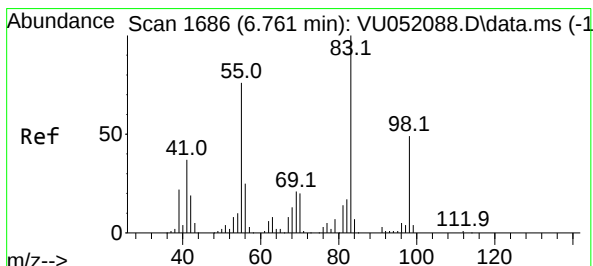
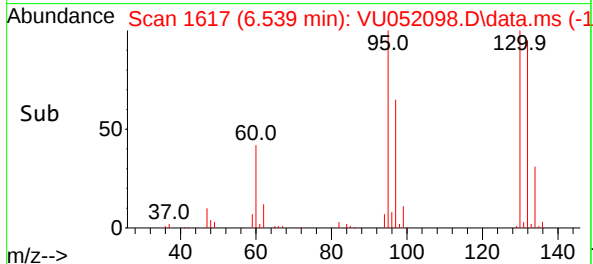
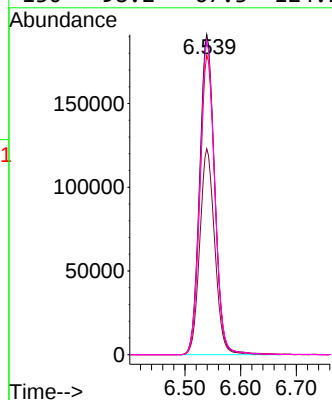
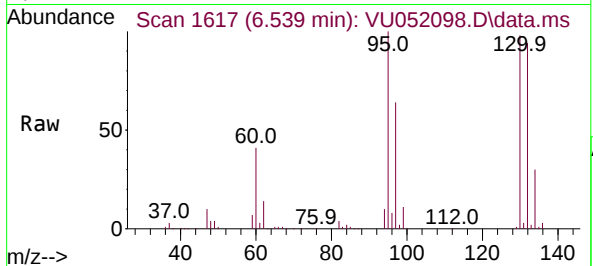




#34
Trichloroethene
Concen: 19.424 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052098.D
Acq: 23 Nov 2022 19:36

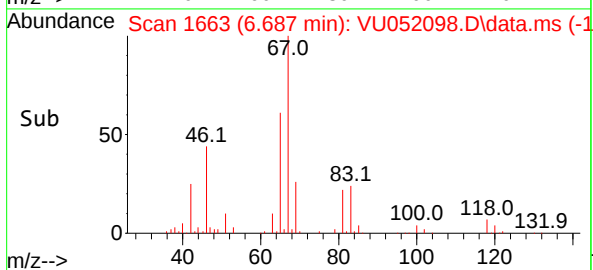
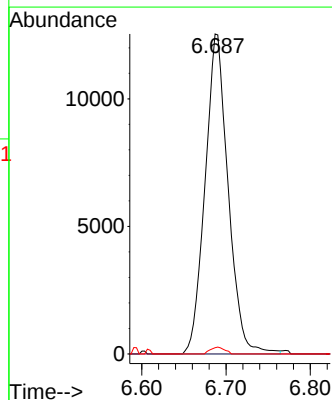
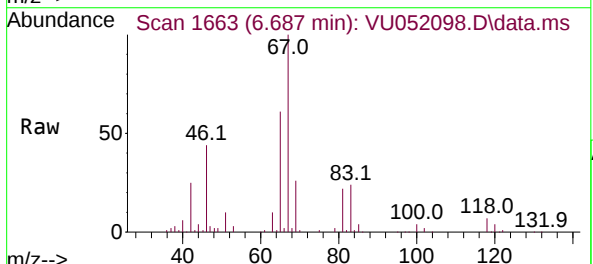
Instrument :
MSVOA_U
ClientSampleId :

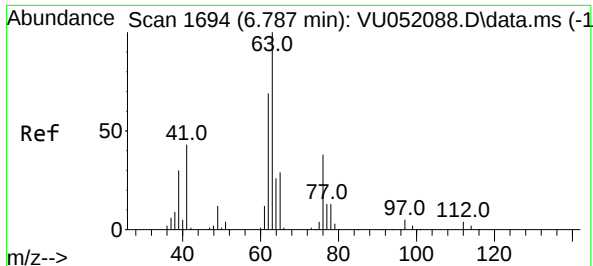
Tgt Ion: 95 Resp: 358511
Ion Ratio Lower Upper
95 100
97 64.3 43.7 81.1
132 93.6 64.3 119.3
130 98.2 67.3 124.9



#35
Methylcyclohexane
Concen: 0.901 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052098.D
Acq: 23 Nov 2022 19:36

Tgt Ion: 83 Resp: 23914
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 1.3 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.543 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU052098.D

Acq: 23 Nov 2022 19:36

Instrument :

MSVOA_U

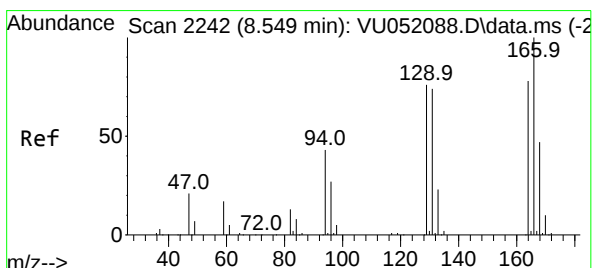
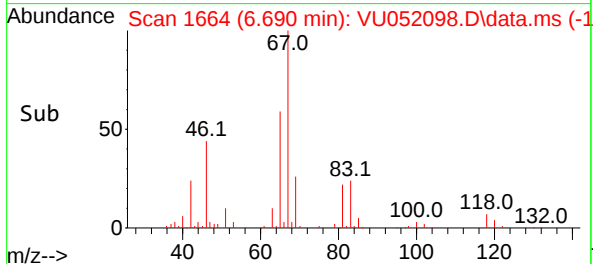
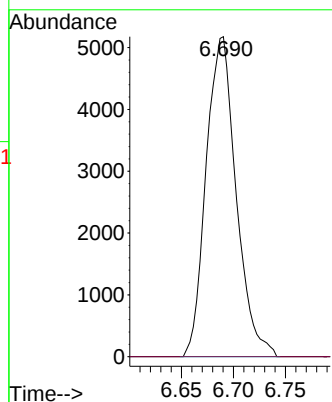
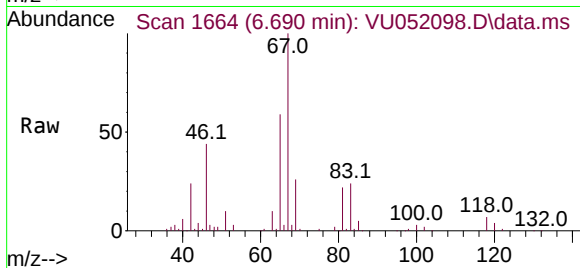
ClientSampleId :

Tgt Ion: 63 Resp: 10400

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 3.295 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VU052098.D

Acq: 23 Nov 2022 19:36

Tgt Ion: 164 Resp: 46604

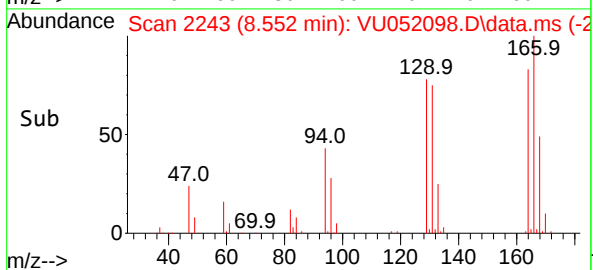
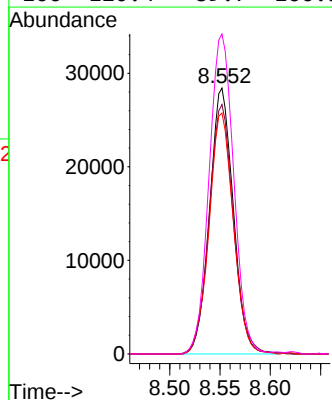
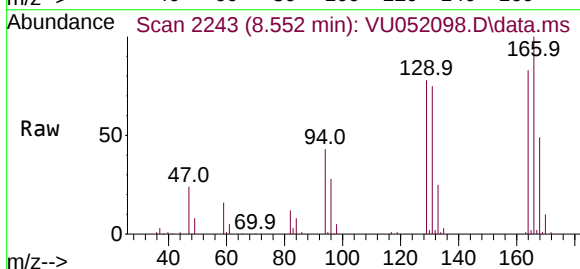
Ion Ratio Lower Upper

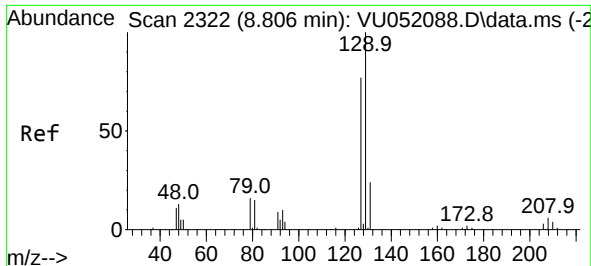
164 100

129 93.8 67.4 125.2

131 90.6 67.1 124.7

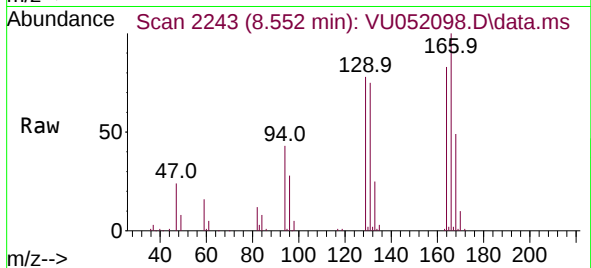
166 120.4 89.7 166.5



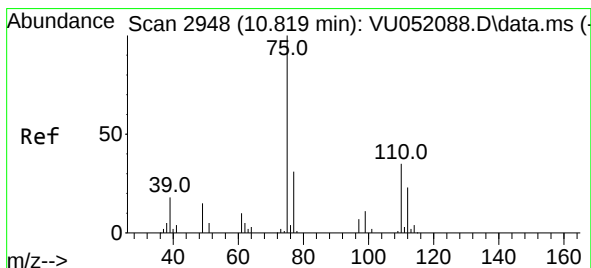
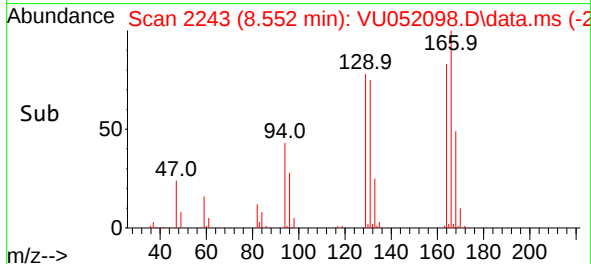
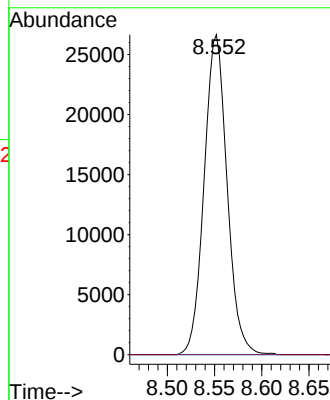


#49
Dibromochloromethane
Concen: 2.788 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU052098.D
Acq: 23 Nov 2022 19:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 44962
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#



#61
1,2,3-Trichloropropane
Concen: 1.004 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.993 min
Lab File: VU052098.D
Acq: 23 Nov 2022 19:36

Tgt Ion: 75 Resp: 9819
Ion Ratio Lower Upper
75 100
110 1.6 28.3 42.5#
77 31.2 26.2 39.2

