

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052097.D
 Acq On : 23 Nov 2022 19:08
 Operator : JC/MD
 Sample : N5684-11DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 04:15:28 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)

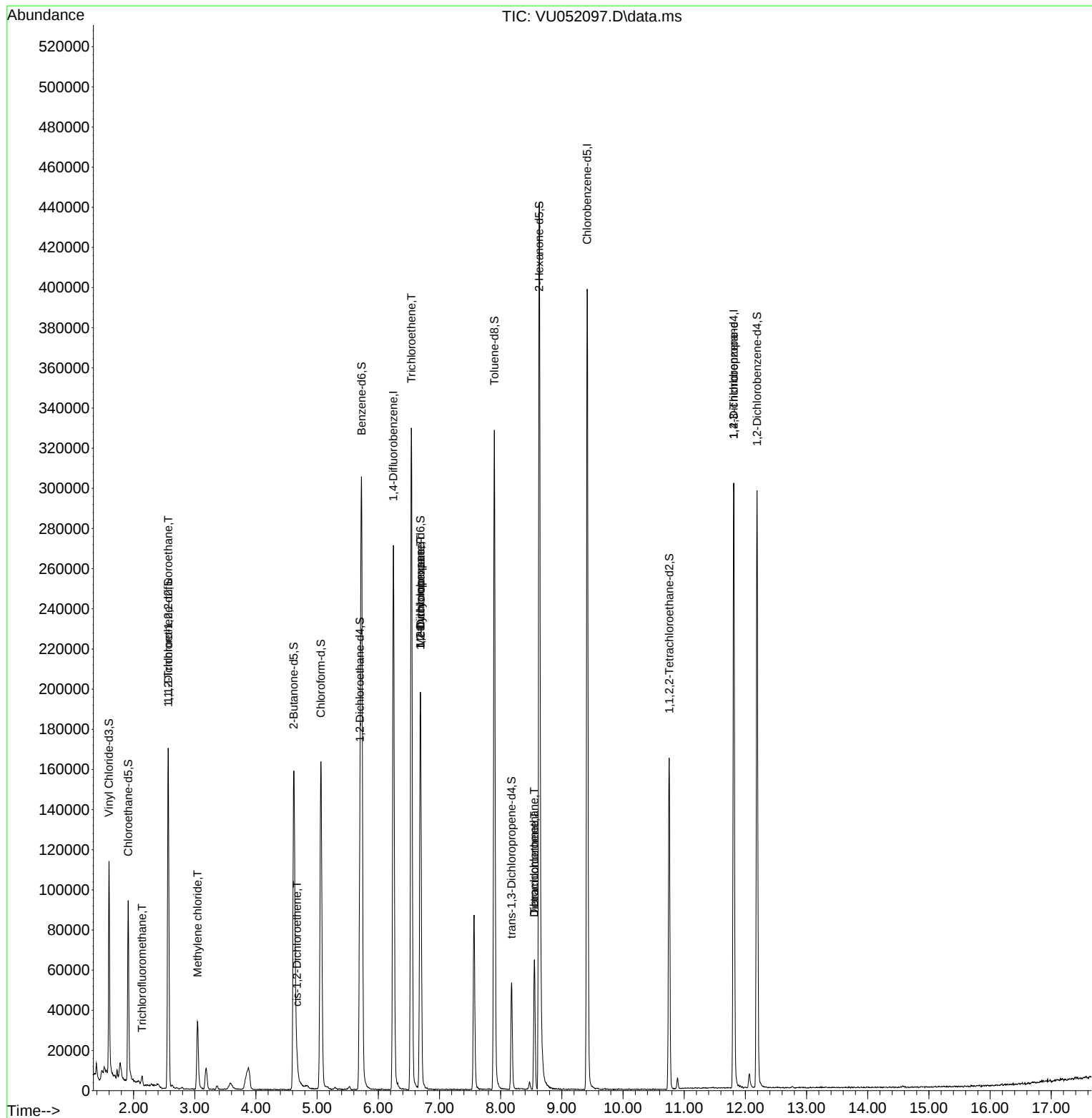
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	223371	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	232180	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	87371	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82813	3.811	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.912	69	73563	4.359	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.565	65	32731	4.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.616	46	202651	51.456	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.920%
24) Chloroform-d	5.060	84	152259	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.700	65	80561	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.726	84	302509	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.687	67	101927	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.896	98	233346	3.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.179	79	31587	4.063	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.629	63	156006	47.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.720%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	86176	4.659	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	85508	5.112	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.137	101	2340	0.088	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1031	0.063	ug/L #	20
16) Methylene chloride	3.044	84	18507	0.844	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	3177	0.174	ug/L	91
34) Trichloroethene	6.539	95	118636	6.295	ug/L	99
35) Methylcyclohexane	6.687	83	23413	0.864	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10224	0.523	ug/L #	88
47) Tetrachloroethene	8.552	164	15618	1.081	ug/L	98
49) Dibromochloromethane	8.549	129	14386	0.874	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10606	1.061	ug/L #	69

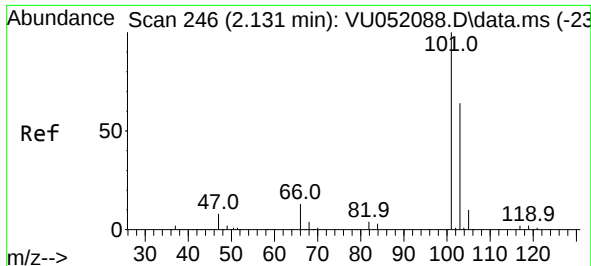
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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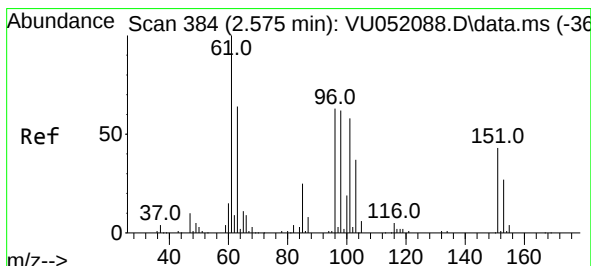
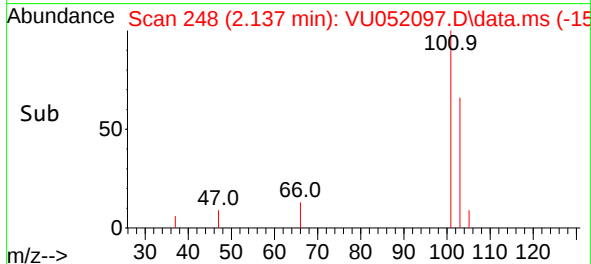
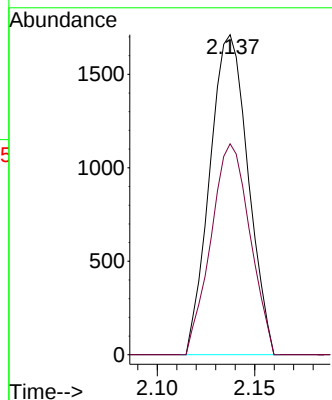
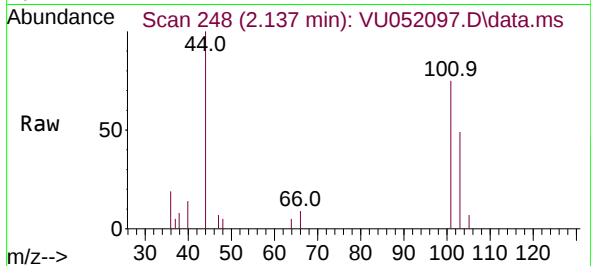




#9
Trichlorofluoromethane
Concen: 0.088 ug/L
RT: 2.137 min Scan# 246
Delta R.T. 0.006 min
Lab File: VU052097.D
Acq: 23 Nov 2022 19:08

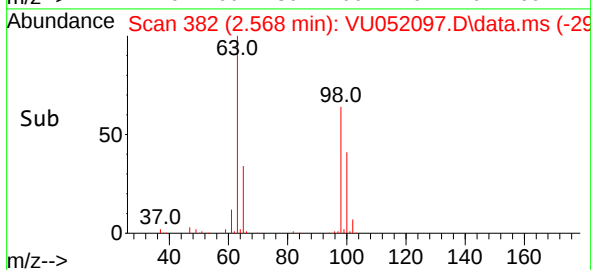
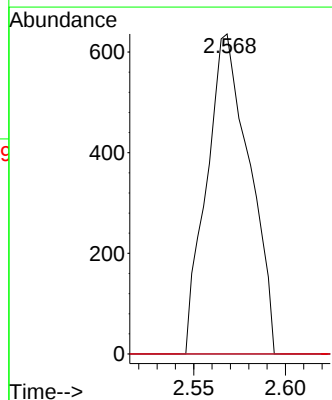
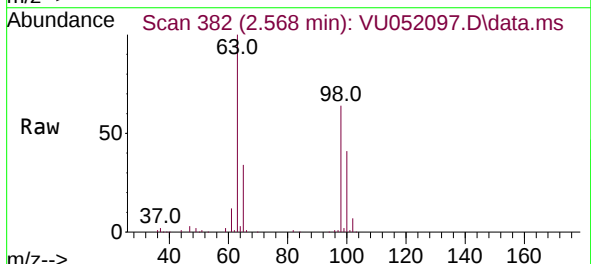
Instrument :
MSVOA_U
ClientSampleId :

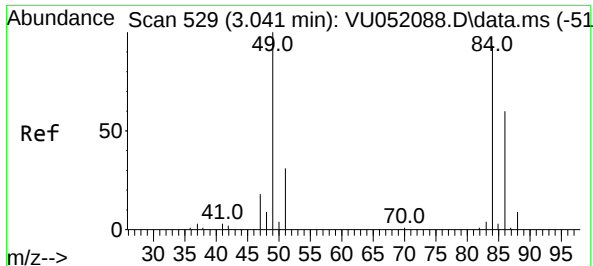
Tgt Ion:101 Resp: 2340
Ion Ratio Lower Upper
101 100
103 67.0 51.6 77.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.063 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.007 min
Lab File: VU052097.D
Acq: 23 Nov 2022 19:08

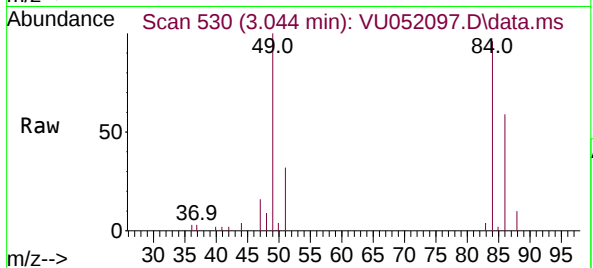
Tgt Ion:101 Resp: 1031
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



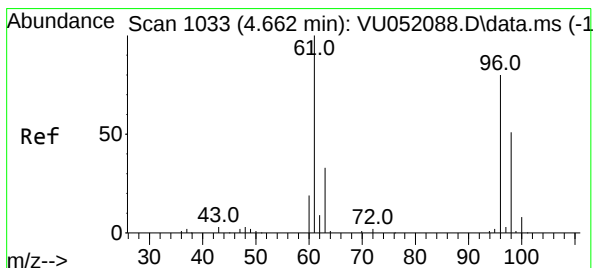
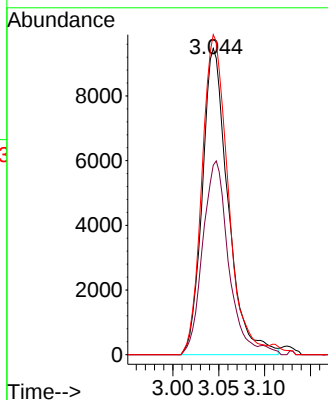
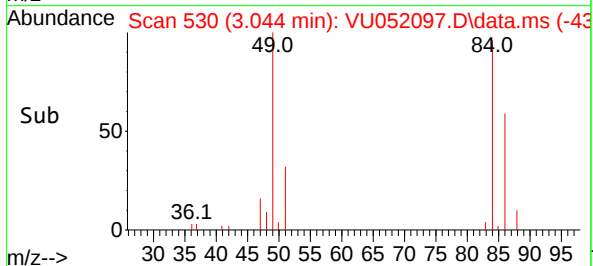


#16
Methylene chloride
Concen: 0.844 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052097.D
Acq: 23 Nov 2022 19:08

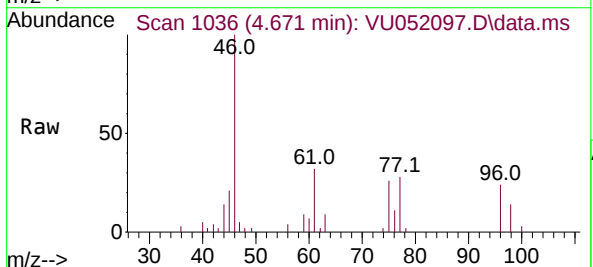
Instrument :
MSVOA_U
ClientSampleId :



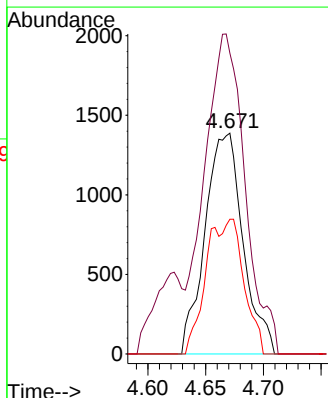
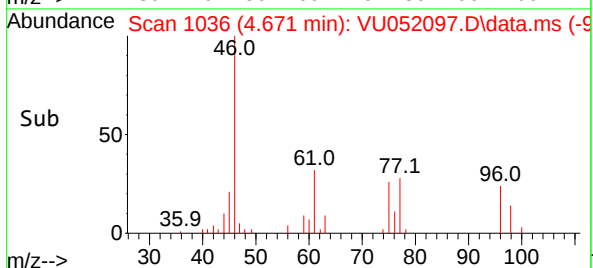
Tgt Ion: 84 Resp: 18507
Ion Ratio Lower Upper
84 100
86 61.9 43.8 81.4
49 104.5 75.9 141.1

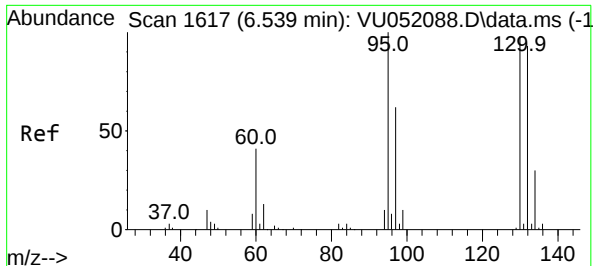


#22
cis-1,2-Dichloroethene
Concen: 0.174 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.009 min
Lab File: VU052097.D
Acq: 23 Nov 2022 19:08



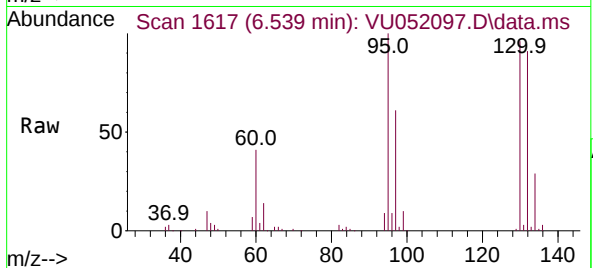
Tgt Ion: 96 Resp: 3177
Ion Ratio Lower Upper
96 100
61 136.2 85.1 158.1
98 61.0 42.8 79.6





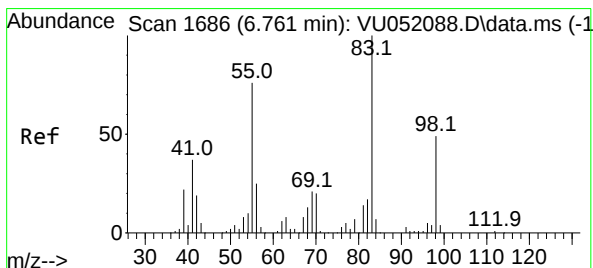
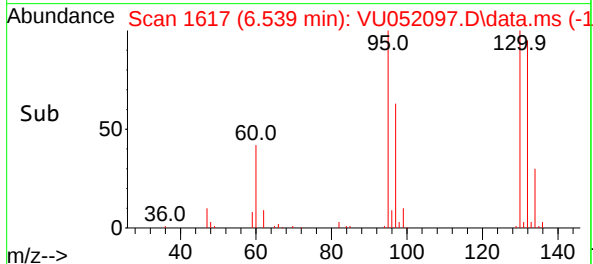
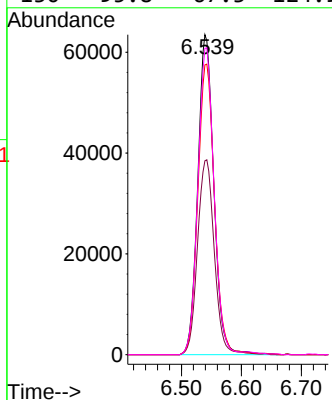
#34
Trichloroethene
Concen: 6.295 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052097.D
Acq: 23 Nov 2022 19:08

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 118636

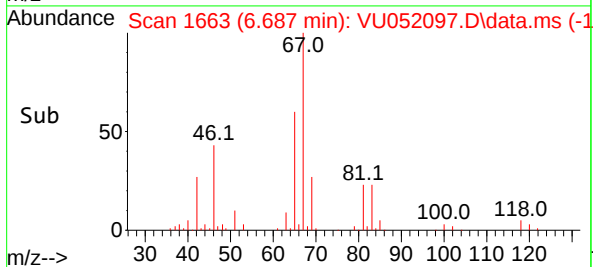
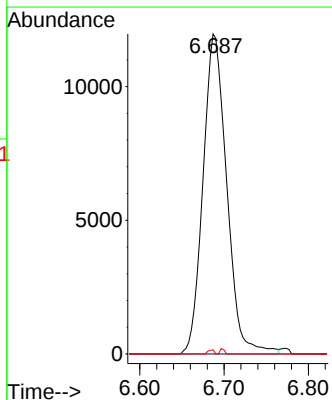
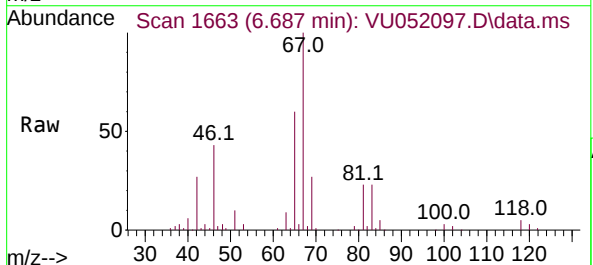
Ion	Ratio	Lower	Upper
95	100		
97	60.6	43.7	81.1
132	90.6	64.3	119.3
130	95.8	67.3	124.9

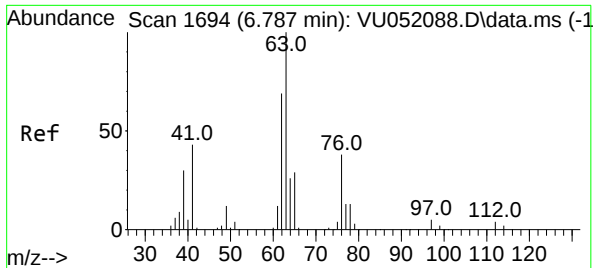


#35
Methylcyclohexane
Concen: 0.864 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052097.D
Acq: 23 Nov 2022 19:08

Tgt Ion: 83 Resp: 23413

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.8	91.2#
98	0.0	35.1	52.7#

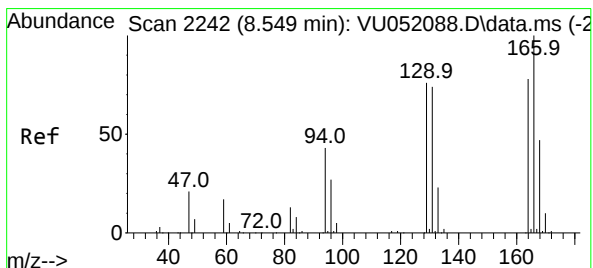
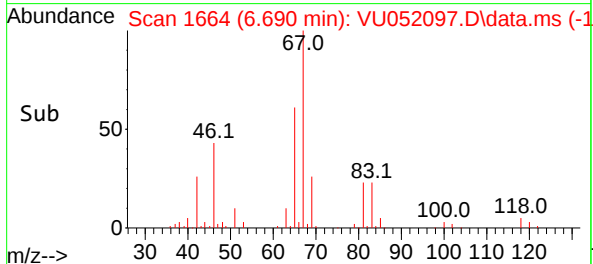
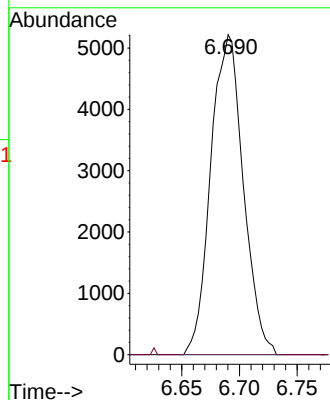
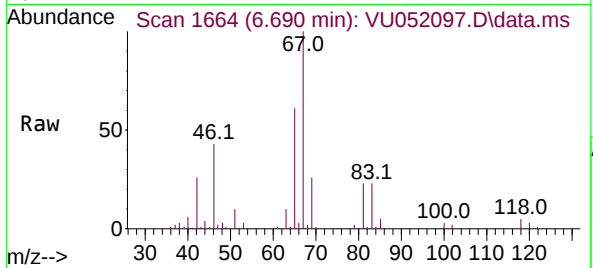




#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU052097.D
Acq: 23 Nov 2022 19:08

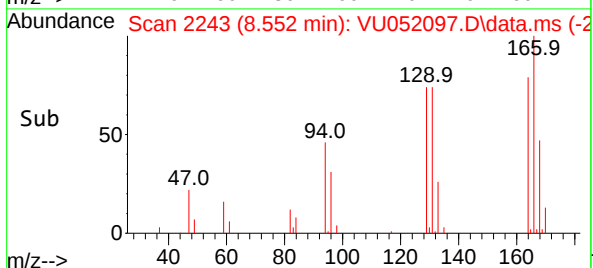
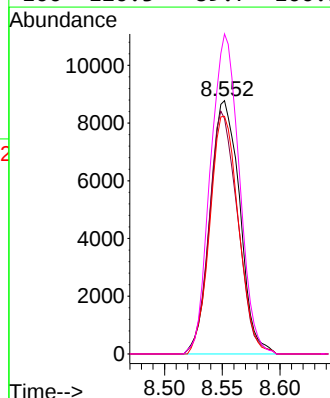
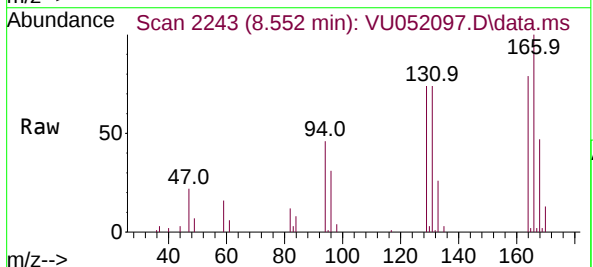
Instrument :
MSVOA_U
ClientSampleId :

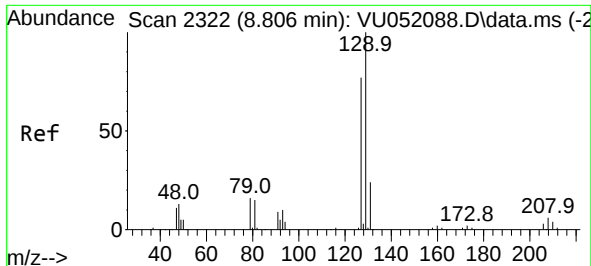
Tgt Ion: 63 Resp: 10224
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#47
Tetrachloroethene
Concen: 1.081 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052097.D
Acq: 23 Nov 2022 19:08

Tgt Ion: 164 Resp: 15618
Ion Ratio Lower Upper
164 100
129 92.9 67.4 125.2
131 93.8 67.1 124.7
166 126.3 89.7 166.5





#49

Dibromochloromethane

Concen: 0.874 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU052097.D

Acq: 23 Nov 2022 19:08

Instrument :

MSVOA_U

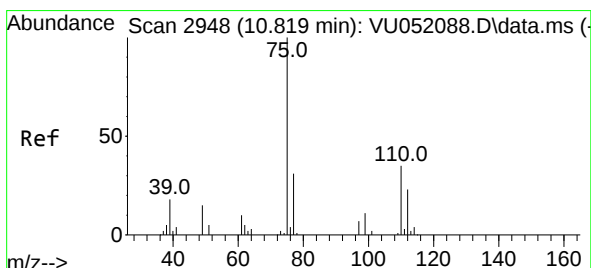
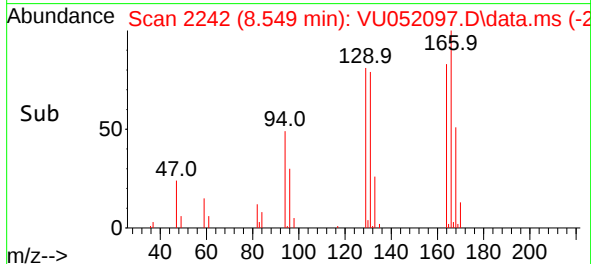
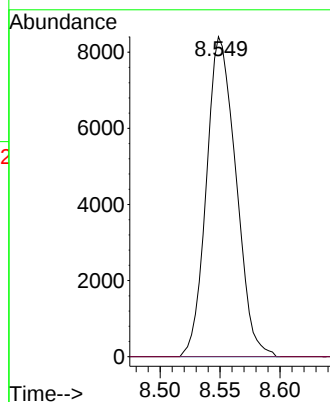
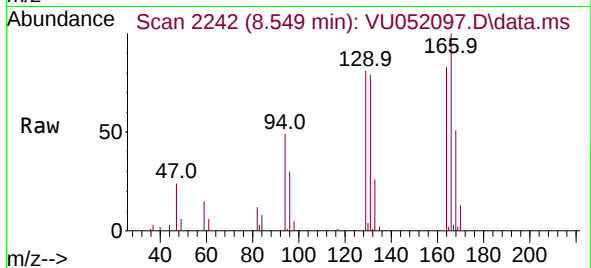
ClientSampleId :

Tgt Ion:129 Resp: 14386

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.061 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052097.D

Acq: 23 Nov 2022 19:08

Tgt Ion: 75 Resp: 10606

Ion Ratio Lower Upper

75 100

110 1.9 28.3 42.5#

77 31.6 26.2 39.2

