

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045838.D
 Acq On : 17 Nov 2021 14:25
 Operator : SY/MD
 Sample : M4686-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 02:20:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

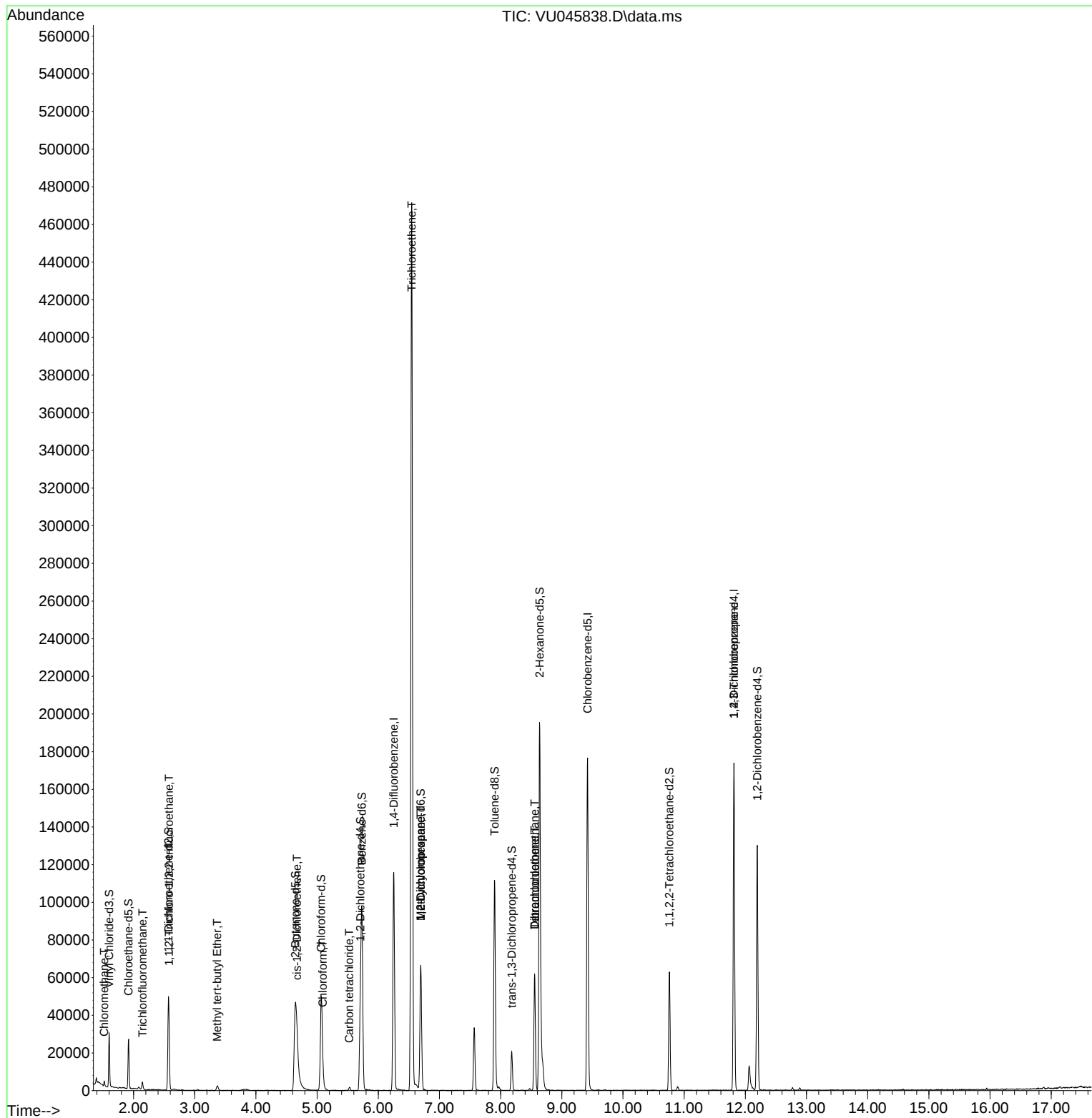
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92481	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98793	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	45230	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20014	2.731	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.600%
7) Chloroethane-d5	1.916	69	18721	3.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.200%
11) 1,1-Dichloroethene-d2	2.572	65	9590	3.121	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	4.646	46	105527	53.742	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.480%
24) Chloroform-d	5.067	84	44600	3.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
26) 1,2-Dichloroethane-d4	5.707	65	29884	4.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	5.732	84	93237	3.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.600%#
36) 1,2-Dichloropropane-d6	6.694	67	32264	3.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.200%
41) Toluene-d8	7.900	98	76930	3.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.600%#
43) trans-1,3-Dichloroprop...	8.182	79	12269	3.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.636	63	70742	45.154	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31357	4.329	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	32676	4.208	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1755	0.220	ug/L	97
9) Trichlorofluoromethane	2.144	101	2462	0.238	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	256	0.042	ug/L #	21
17) Methyl tert-butyl Ether	3.366	73	3102	0.208	ug/L #	92
22) cis-1,2-Dichloroethene	4.671	96	4074	0.612	ug/L	97
25) Chloroform	5.093	83	7823	0.627	ug/L	93
31) Carbon tetrachloride	5.527	117	1274	0.141	ug/L	92
34) Trichloroethene	6.546	95	161959	22.795	ug/L	98
35) Methylcyclohexane	6.694	83	7350	0.674	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	3280	0.452	ug/L #	88
47) Tetrachloroethene	8.555	164	13852	2.785	ug/L	96
49) Dibromochloromethane	8.555	129	13338	2.174	ug/L #	10
61) 1,2,3-Trichloropropane	11.813	75	5526	1.177	ug/L #	65

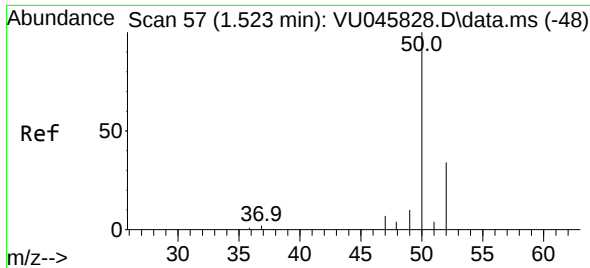
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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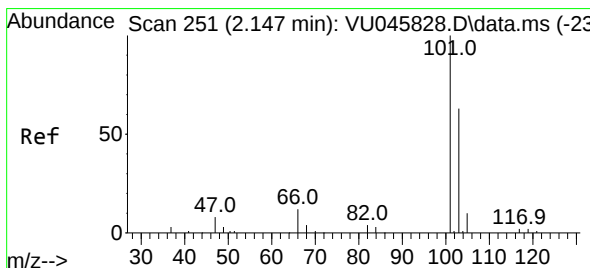
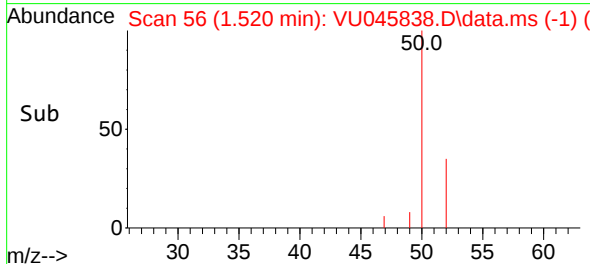
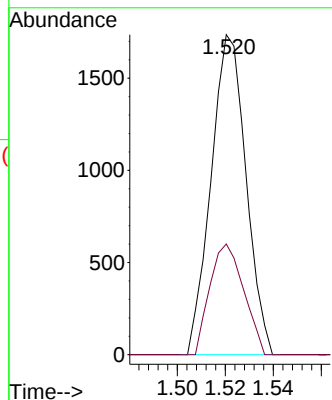
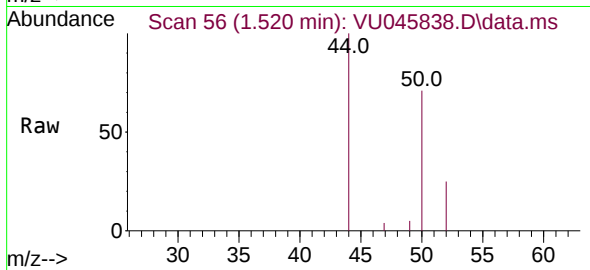




#3
Chloromethane
Concen: 0.220 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045838.D
Acq: 17 Nov 2021 14:25

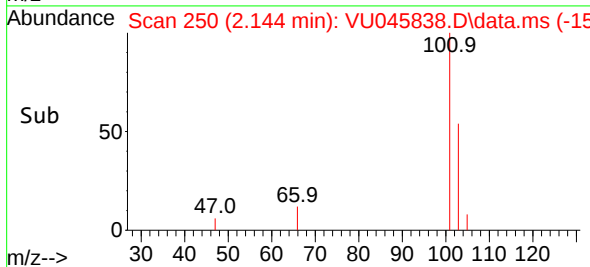
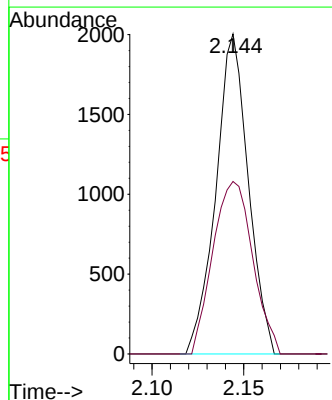
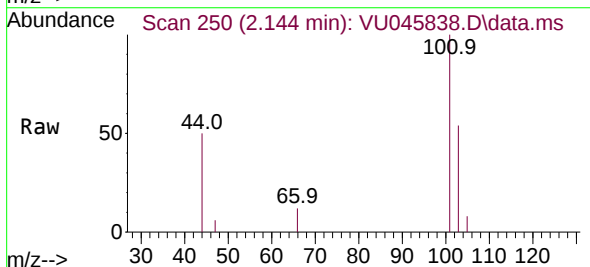
Instrument :
MSVOA_U
ClientSampleId :

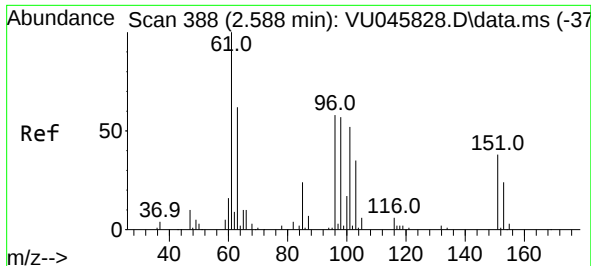
Tgt Ion: 50 Resp: 1755
Ion Ratio Lower Upper
50 100
52 34.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.238 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU045838.D
Acq: 17 Nov 2021 14:25

Tgt Ion:101 Resp: 2462
Ion Ratio Lower Upper
101 100
103 66.3 51.5 77.3

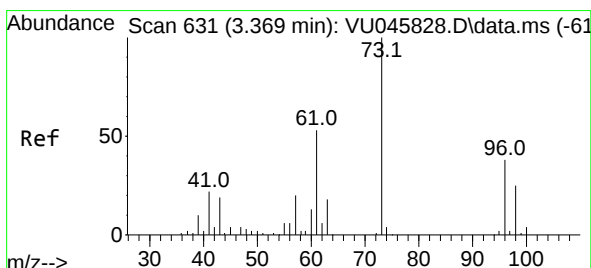
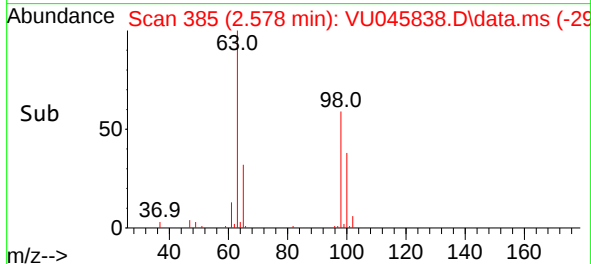
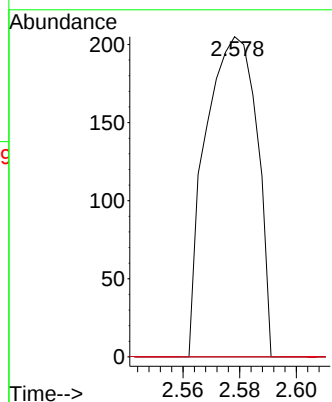
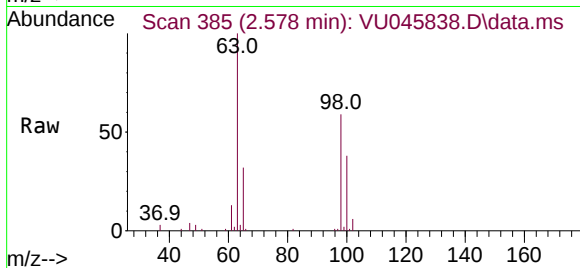




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.042 ug/L
RT: 2.578 min Scan# 31
Delta R.T. -0.009 min
Lab File: VU045838.D
Acq: 17 Nov 2021 14:25

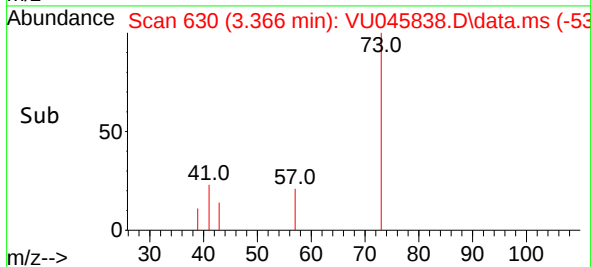
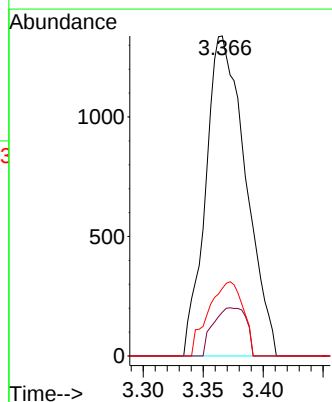
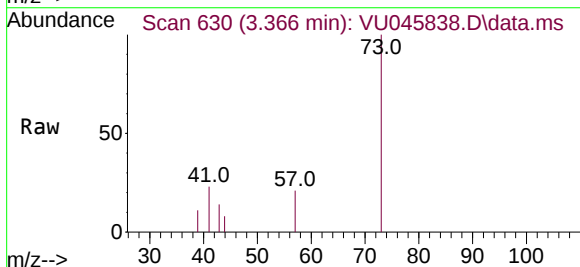
Instrument :
MSVOA_U
ClientSampleId :

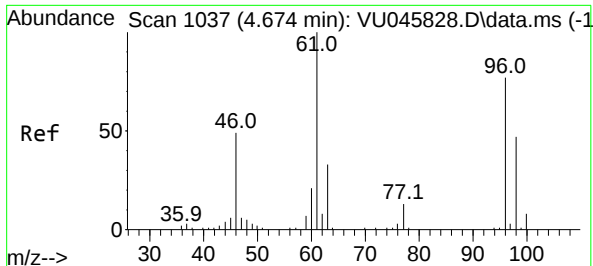
Tgt Ion:101 Resp: 256
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#17
Methyl tert-butyl Ether
Concen: 0.208 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU045838.D
Acq: 17 Nov 2021 14:25

Tgt Ion: 73 Resp: 3102
Ion Ratio Lower Upper
73 100
43 12.4 14.8 22.2#
57 20.0 17.4 26.0





#22

cis-1,2-Dichloroethene

Concen: 0.612 ug/L

RT: 4.671 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VU045838.D

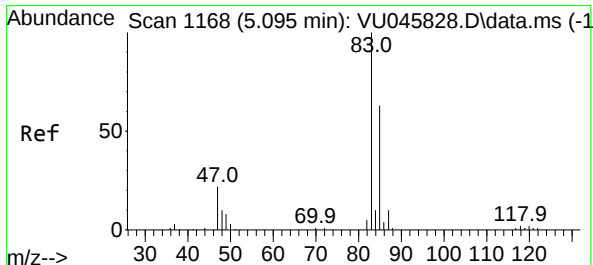
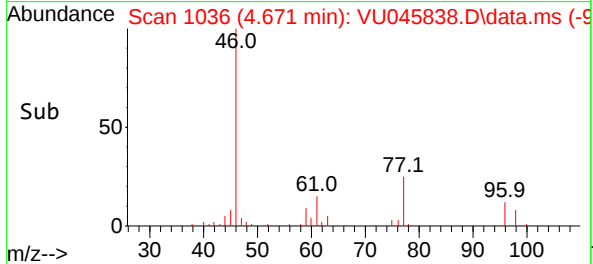
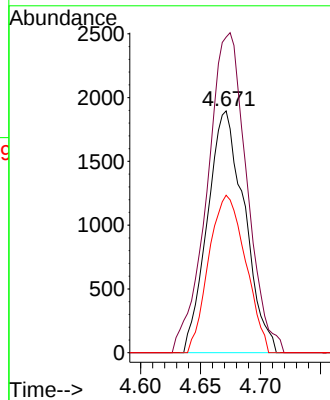
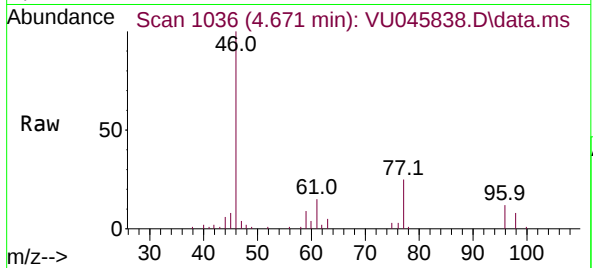
Acq: 17 Nov 2021 14:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96	Resp: 4074
Ion Ratio	Lower Upper
96 100	
61 130.5	88.5 164.3
98 65.1	44.4 82.5



#25

Chloroform

Concen: 0.627 ug/L

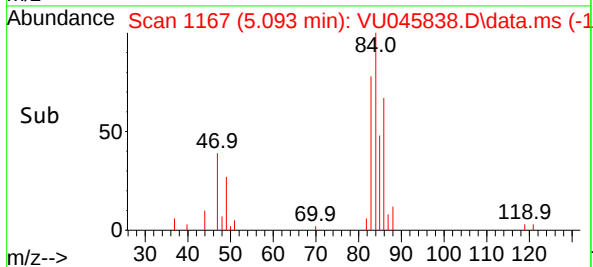
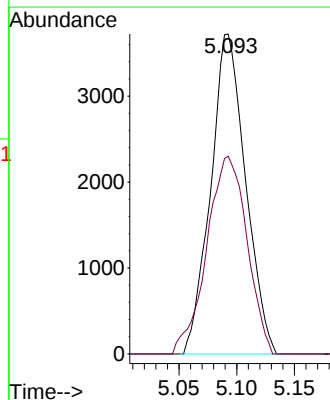
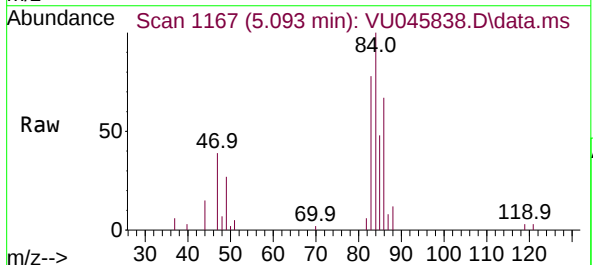
RT: 5.093 min Scan# 1167

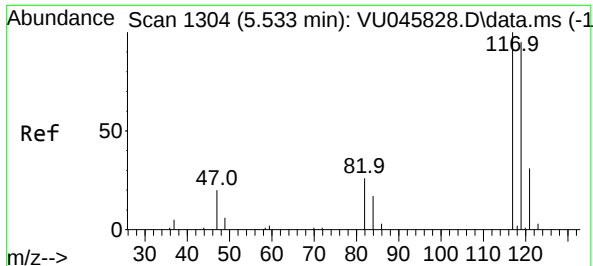
Delta R.T. -0.003 min

Lab File: VU045838.D

Acq: 17 Nov 2021 14:25

Tgt Ion: 83	Resp: 7823
Ion Ratio	Lower Upper
83 100	
85 61.8	46.9 87.1

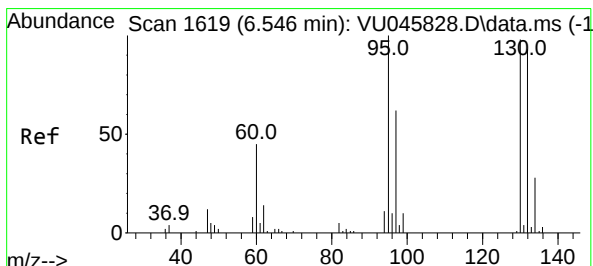
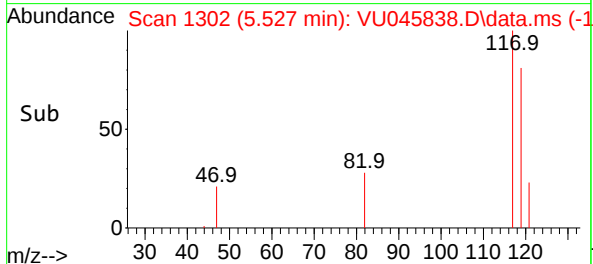
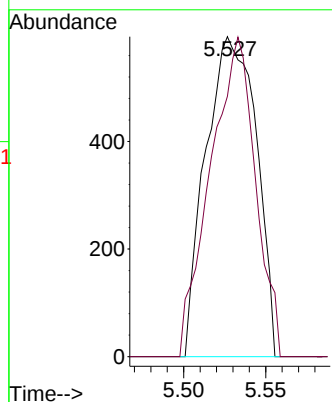
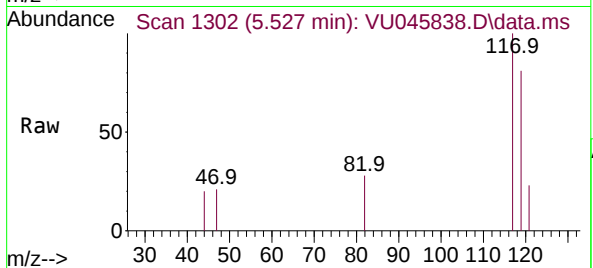




#31
Carbon tetrachloride
Concen: 0.141 ug/L
RT: 5.527 min Scan# 117
Delta R.T. -0.006 min
Lab File: VU045838.D
Acq: 17 Nov 2021 14:25

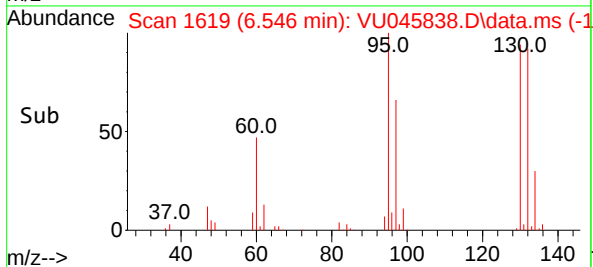
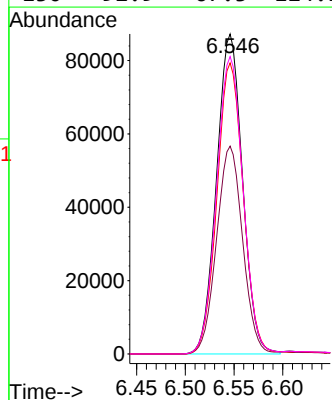
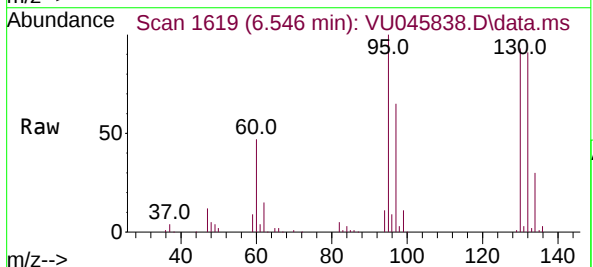
Instrument :
MSVOA_U
ClientSampleId :

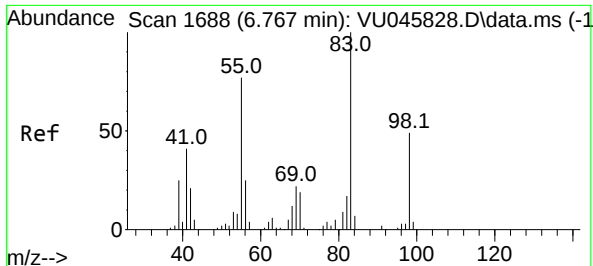
Tgt Ion:117 Resp: 1274
Ion Ratio Lower Upper
117 100
119 89.2 77.5 116.3



#34
Trichloroethene
Concen: 22.795 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045838.D
Acq: 17 Nov 2021 14:25

Tgt Ion: 95 Resp: 161959
Ion Ratio Lower Upper
95 100
97 65.0 46.5 86.5
132 91.0 65.1 120.9
130 92.9 67.3 124.9

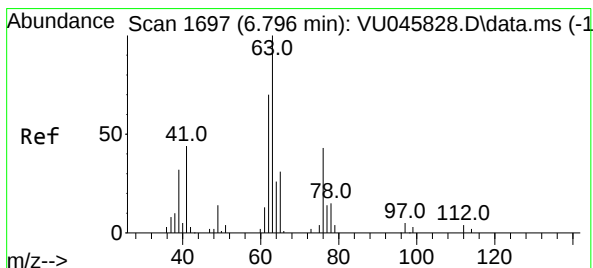
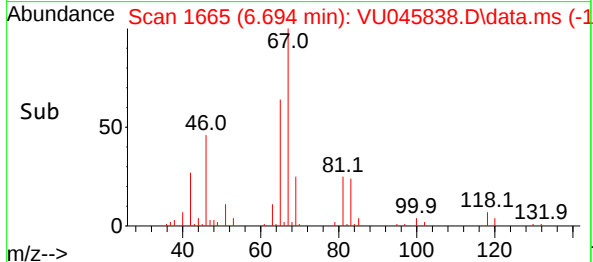
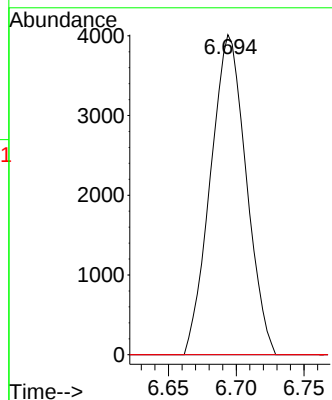
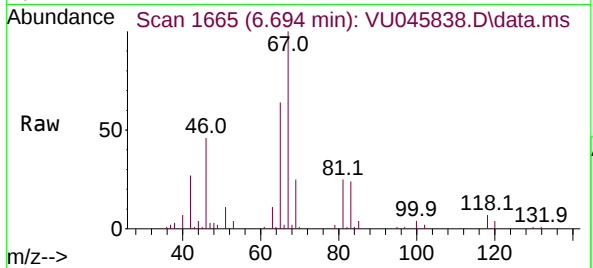




#35
Methylcyclohexane
Concen: 0.674 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045838.D
Acq: 17 Nov 2021 14:25

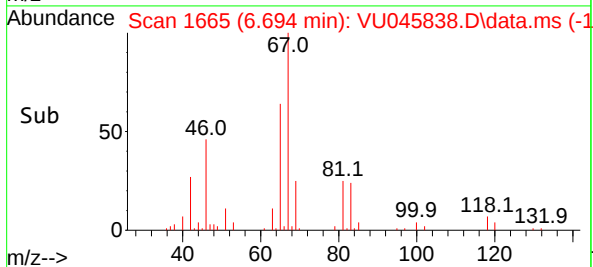
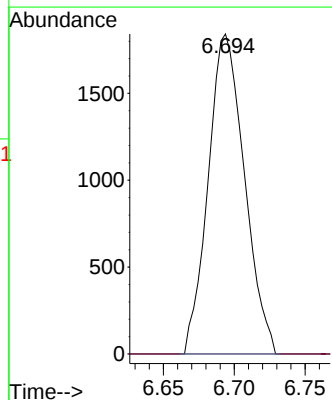
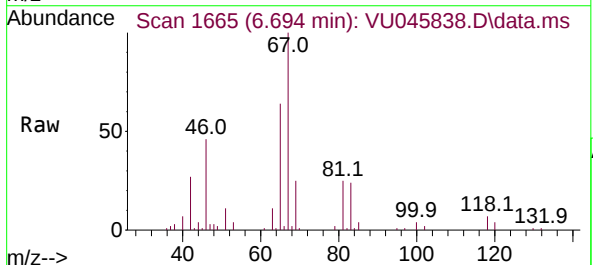
Instrument :
MSVOA_U
ClientSampleId :

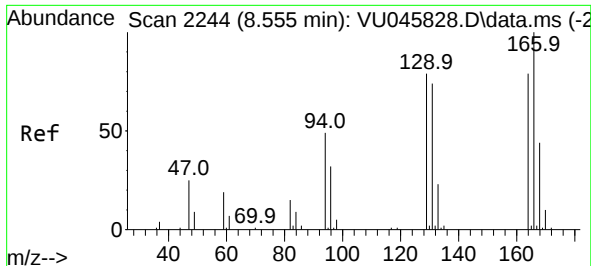
Tgt Ion: 83 Resp: 7350
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.452 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045838.D
Acq: 17 Nov 2021 14:25

Tgt Ion: 63 Resp: 3280
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 2.785 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU045838.D

Acq: 17 Nov 2021 14:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 13852

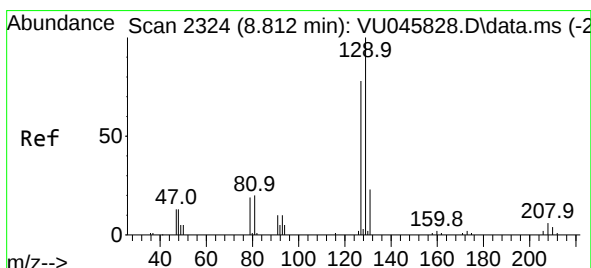
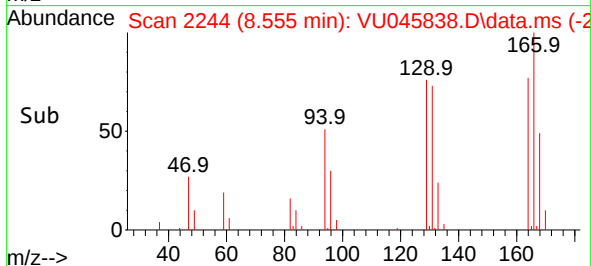
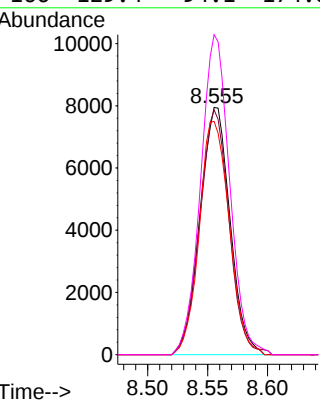
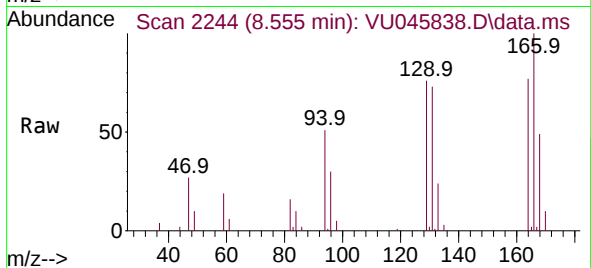
Ion Ratio Lower Upper

164 100

129 99.0 71.8 133.4

131 94.4 68.5 127.3

166 129.4 94.1 174.8



#49

Dibromochloromethane

Concen: 2.174 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU045838.D

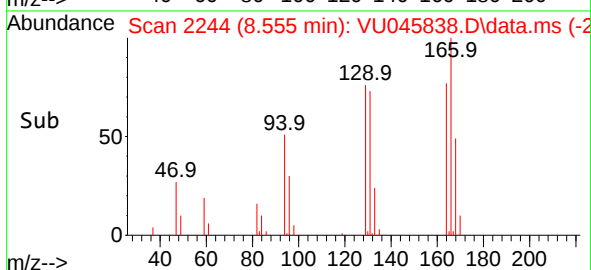
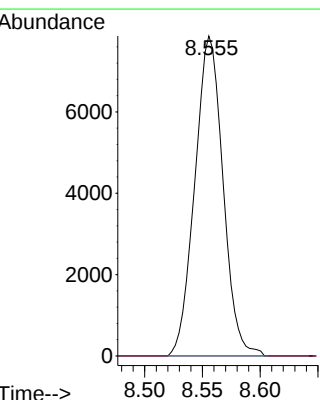
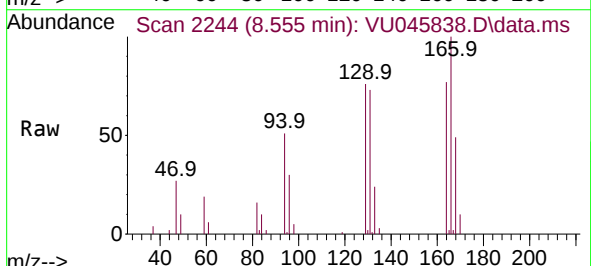
Acq: 17 Nov 2021 14:25

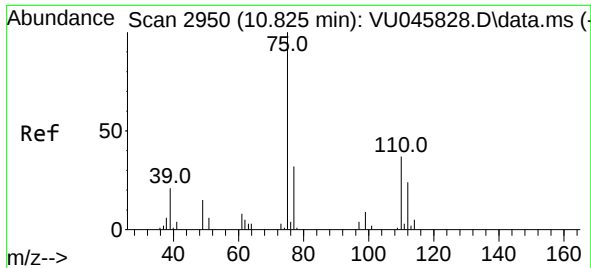
Tgt Ion:129 Resp: 13338

Ion Ratio Lower Upper

129 100

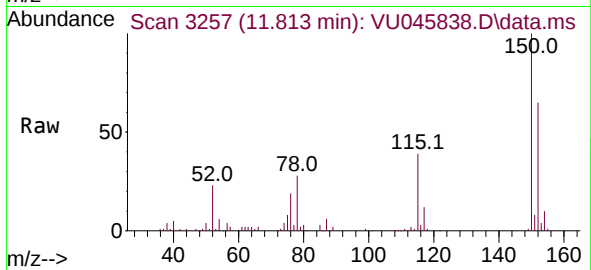
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.177 ug/L
 RT: 11.813 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU045838.D
 Acq: 17 Nov 2021 14:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5526
 Ion Ratio Lower Upper
 75 100
 110 1.7 29.9 44.9#
 77 34.9 25.5 38.3

