

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111921\
 Data File : VU045897.D
 Acq On : 19 Nov 2021 16:11
 Operator : SY/MD
 Sample : M4752-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1X1

Quant Time: Nov 22 03:54:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 22 03:50:15 2021
 Response via : Initial Calibration

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

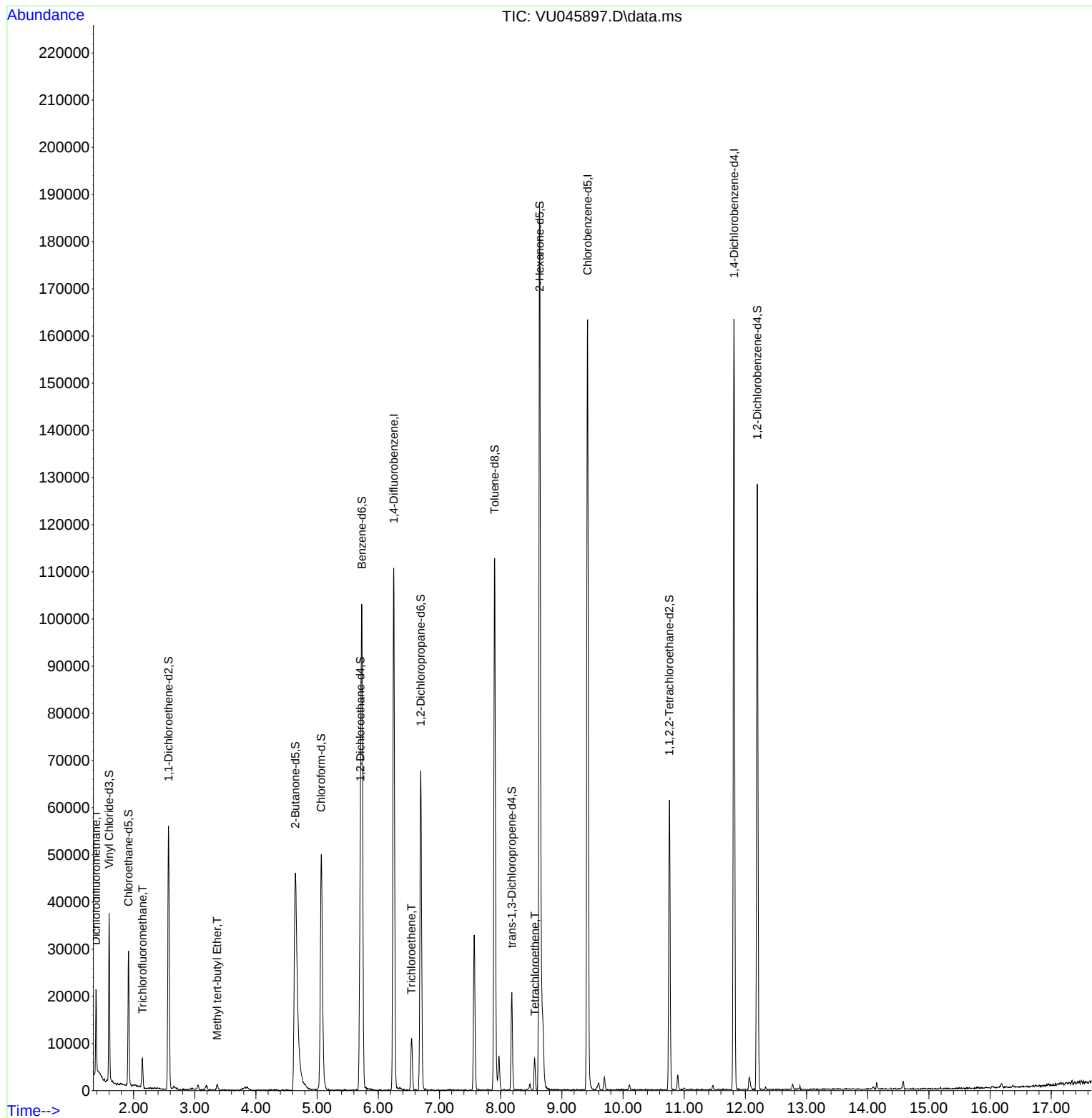
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	88815	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93923	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	43564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	24534	3.487	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.915	69	20337	3.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.571	65	10530	3.568	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.645	46	100623	53.360	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.720%
24) Chloroform-d	5.066	84	45057	3.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	5.706	65	30087	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.732	84	95686	3.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	6.693	67	32386	3.973	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.400%
41) Toluene-d8	7.902	98	78758	3.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
43) trans-1,3-Dichloroprop...	8.182	79	12139	3.668	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.635	63	67094	45.046	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30870	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	33614	4.494	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	9799	1.355	ug/L	97
9) Trichlorofluoromethane	2.144	101	4050	0.408	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	1598	0.112	ug/L #	72
34) Trichloroethene	6.542	95	3833	0.567	ug/L	95
47) Tetrachloroethene	8.558	164	1456	0.308	ug/L	94

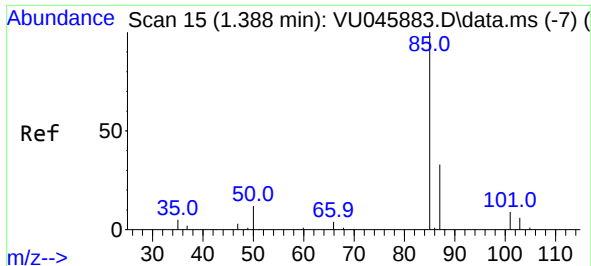
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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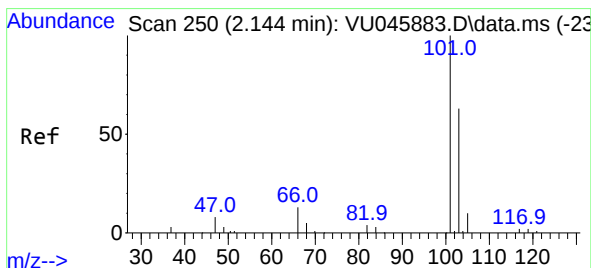
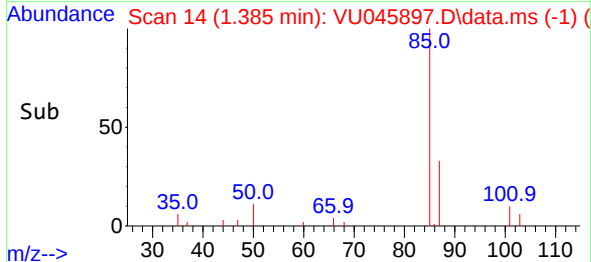
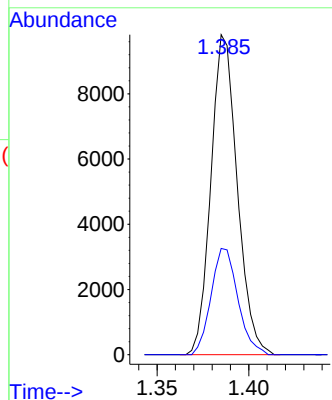
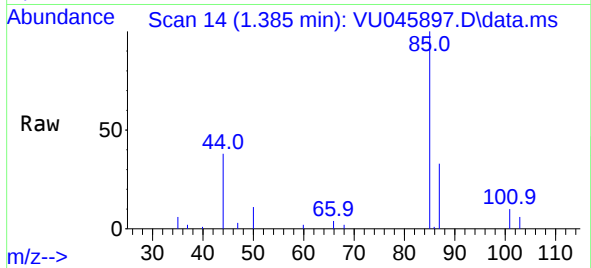




#2
Dichlorodifluoromethane
Concen: 1.355 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU045897.D
Acq: 19 Nov 2021 16:11

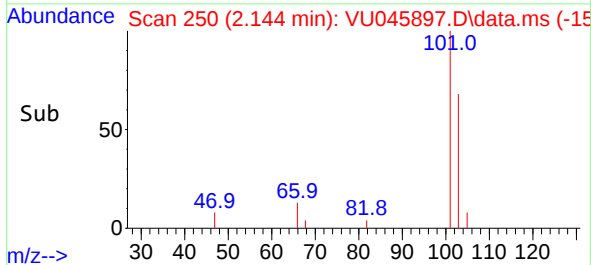
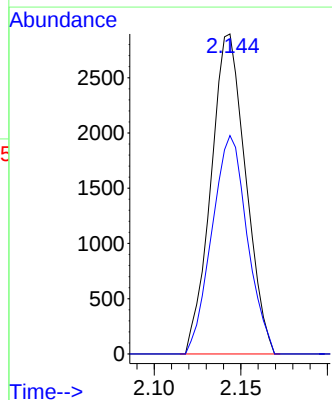
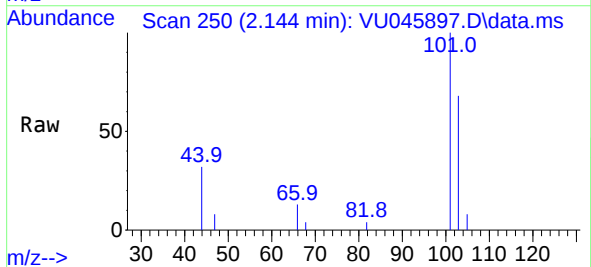
Instrument :
MSVOA_U
ClientSampleId :
BG1X1

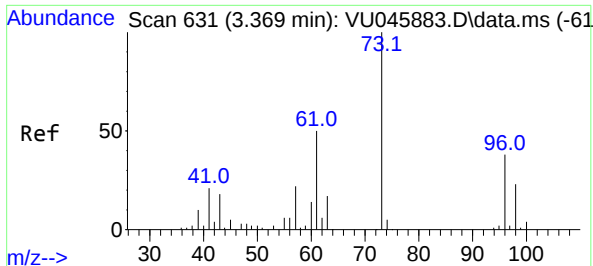
Tgt Ion: 85 Resp: 9799
Ion Ratio Lower Upper
85 100
87 33.9 25.8 38.6



#9
Trichlorofluoromethane
Concen: 0.408 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU045897.D
Acq: 19 Nov 2021 16:11

Tgt Ion:101 Resp: 4050
Ion Ratio Lower Upper
101 100
103 69.2 51.5 77.3

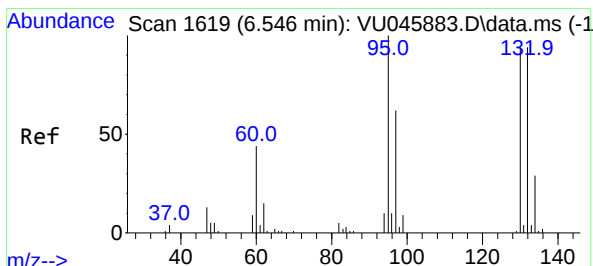
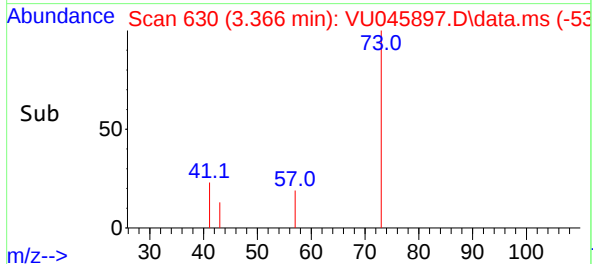
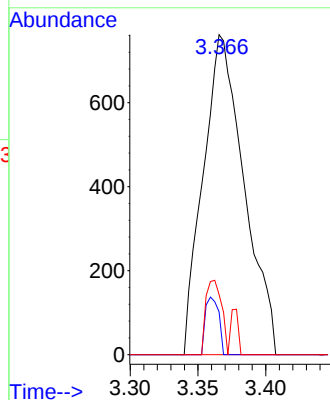
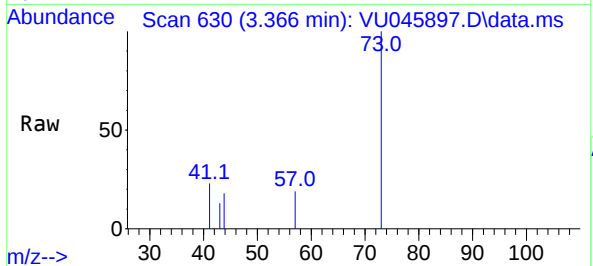




#17
Methyl tert-butyl Ether
Concen: 0.112 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045897.D
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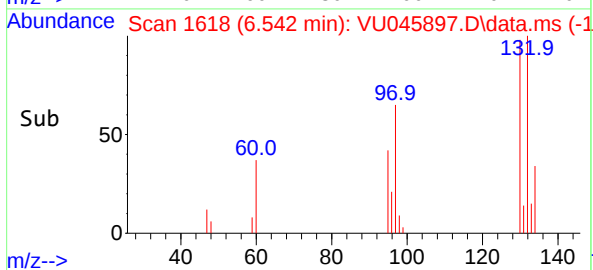
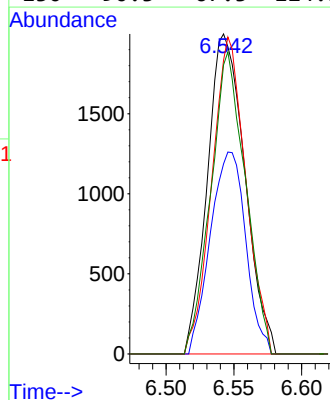
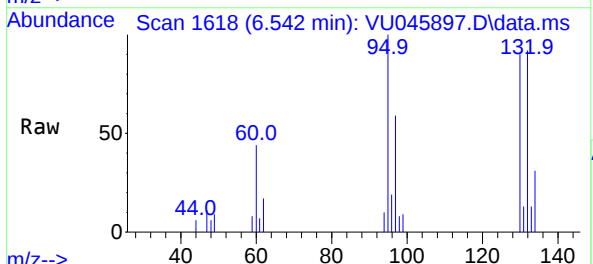
Instrument :
MSVOA_U
ClientSampleId :
BG1X1

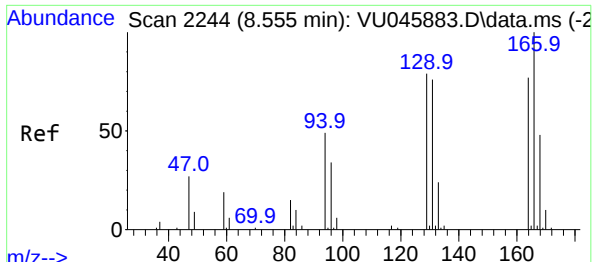
Tgt Ion: 73 Resp: 1598
Ion Ratio Lower Upper
73 100
43 5.8 14.8 22.2#
57 8.9 17.4 26.0#



#34
Trichloroethene
Concen: 0.567 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045897.D
Acq: 19 Nov 2021 16:11

Tgt Ion: 95 Resp: 3833
Ion Ratio Lower Upper
95 100
97 59.4 46.5 86.5
132 91.8 65.1 120.9
130 90.3 67.3 124.9





#47
 Tetrachloroethene
 Concen: 0.308 ug/L
 RT: 8.558 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU045897.D
 Acq: 19 Nov 2021 16:11

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1X1

Tgt Ion:164 Resp: 1456
 Ion Ratio Lower Upper
 164 100
 129 98.6 71.8 133.4
 131 88.1 68.5 127.3
 166 127.6 94.1 174.8

