

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045813.D
 Acq On : 16 Nov 2021 17:38
 Operator : SY/MD
 Sample : M4686-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z6

Quant Time: Nov 17 04:52:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 04:49:52 2021
 Response via : Initial Calibration

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

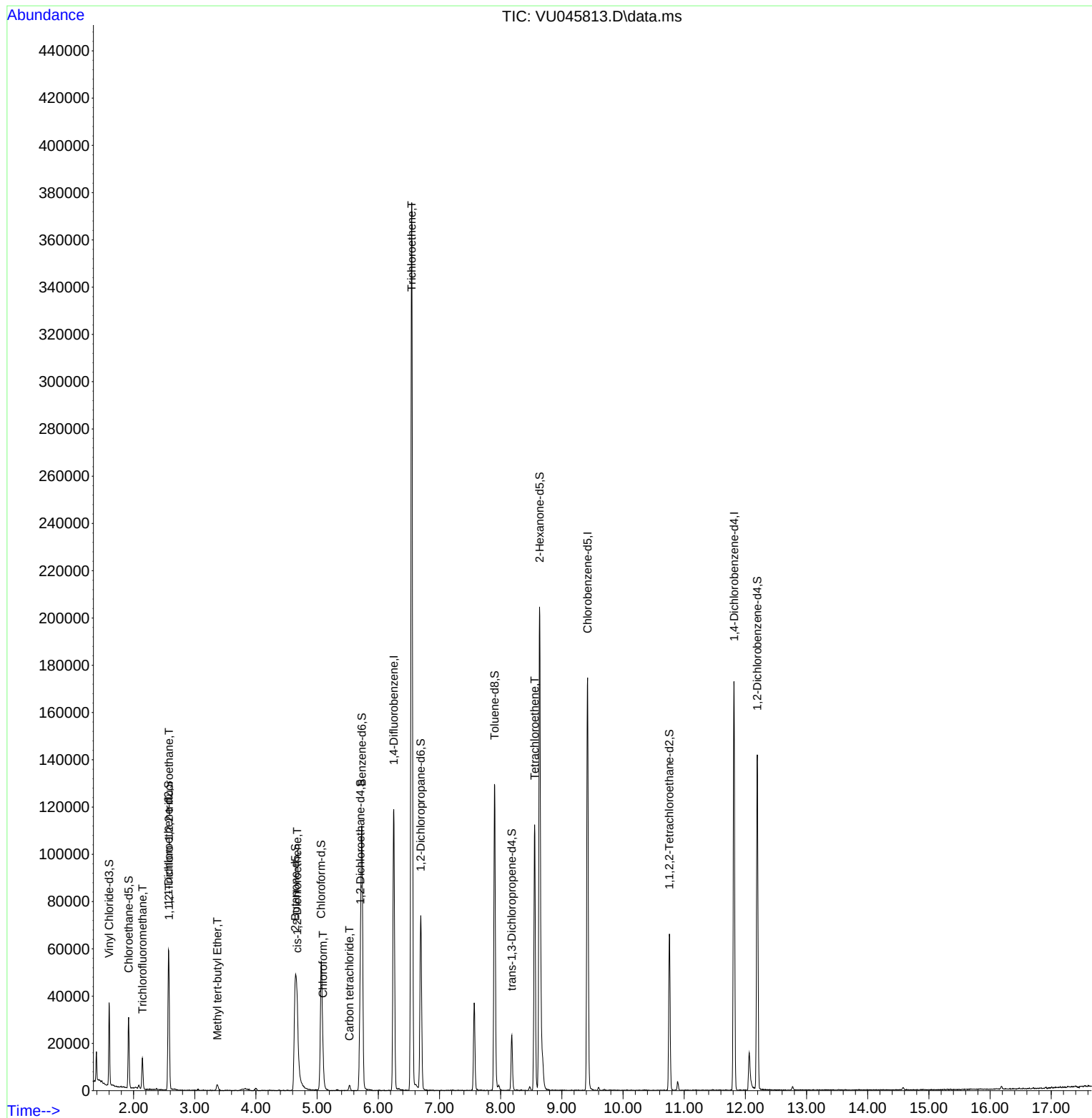
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94594	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98777	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	45332	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24484	3.267	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.919	69	21953	4.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.572	65	10962	3.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.645	46	106966	53.258	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.520%
24) Chloroform-d	5.067	84	47988	3.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	5.707	65	31957	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.732	84	104582	3.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	6.694	67	35992	4.198	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.899	98	88368	3.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.182	79	13885	3.990	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.636	63	75066	47.922	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.840%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33646	4.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	36226	4.654	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.144	101	8457	0.800	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	899	0.145	ug/L #	58
17) Methyl tert-butyl Ether	3.369	73	2735	0.179	ug/L #	84
22) cis-1,2-Dichloroethene	4.674	96	8182	1.202	ug/L	95
25) Chloroform	5.096	83	9426	0.739	ug/L	95
31) Carbon tetrachloride	5.530	117	1575	0.175	ug/L	85
34) Trichloroethene	6.546	95	127191	17.905	ug/L	98
47) Tetrachloroethene	8.555	164	24246	4.876	ug/L	97

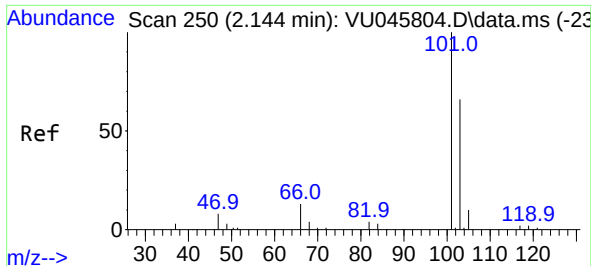
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 04:49:52 2021
Response via : Initial Calibration

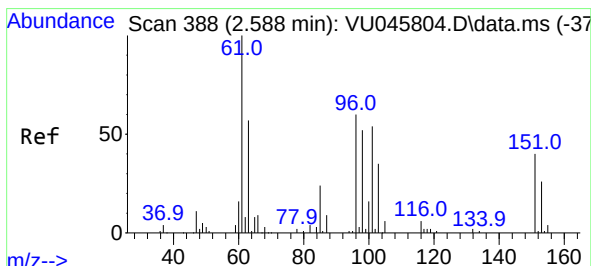
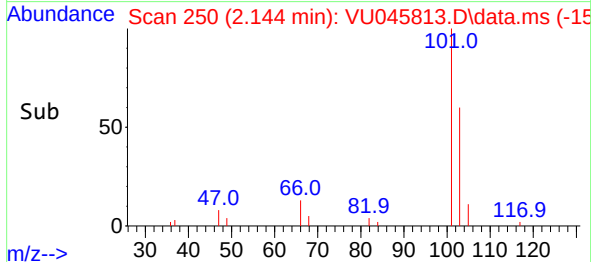
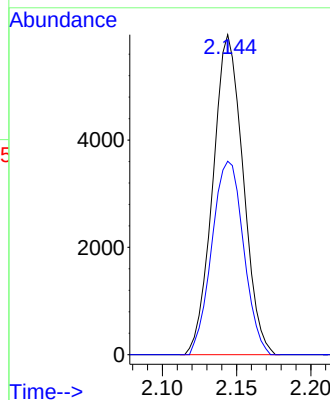
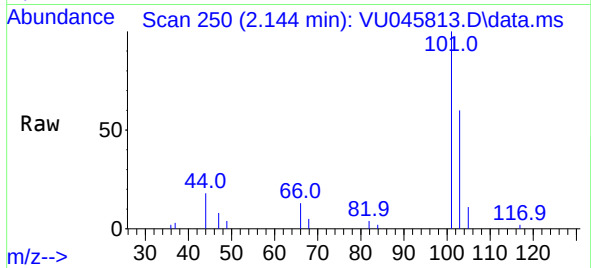




#9
 Trichlorofluoromethane
 Concen: 0.800 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU045813.D
 Acq: 16 Nov 2021 17:38

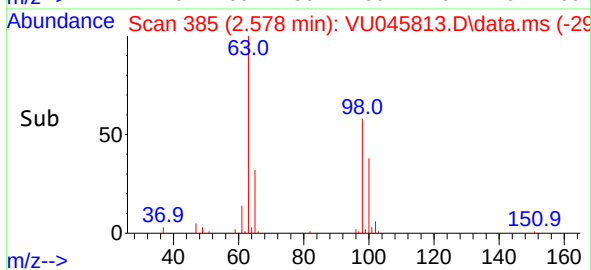
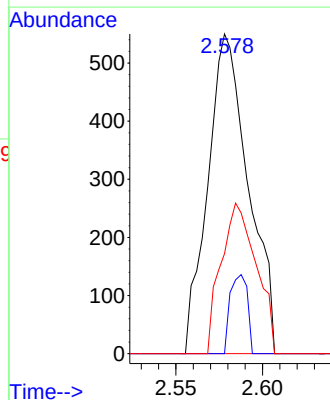
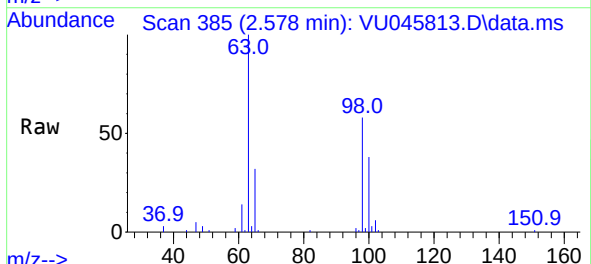
Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z6

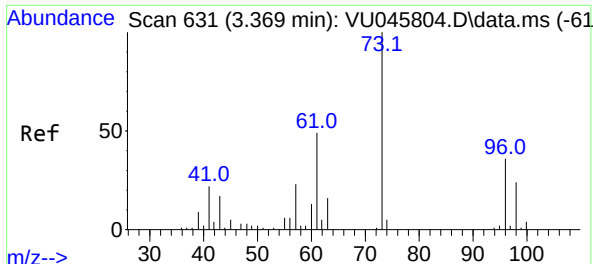
Tgt Ion:101 Resp: 8457
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.145 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU045813.D
 Acq: 16 Nov 2021 17:38

Tgt Ion:101 Resp: 899
 Ion Ratio Lower Upper
 101 100
 85 10.3 34.6 51.8#
 151 40.7 56.1 84.1#

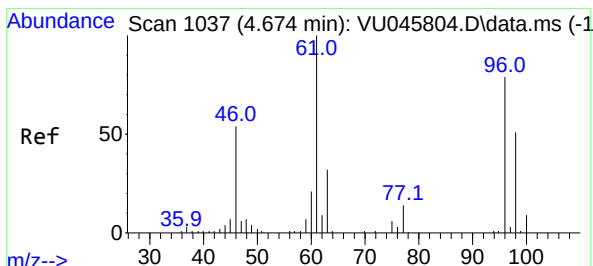
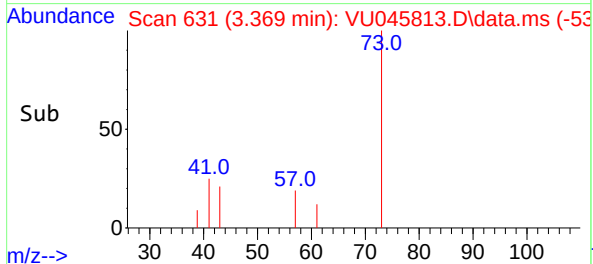
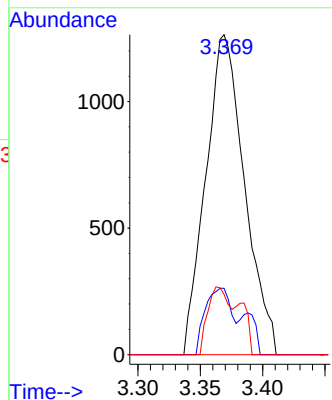
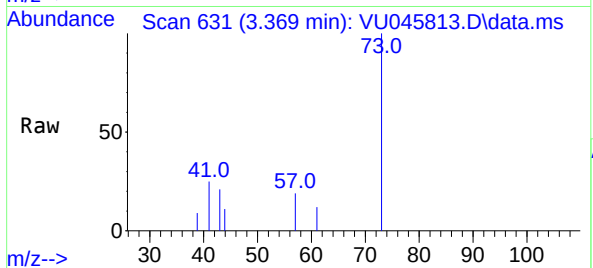




#17
Methyl tert-butyl Ether
Concen: 0.179 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045813.D
Acq: 16 Nov 2021 17:38

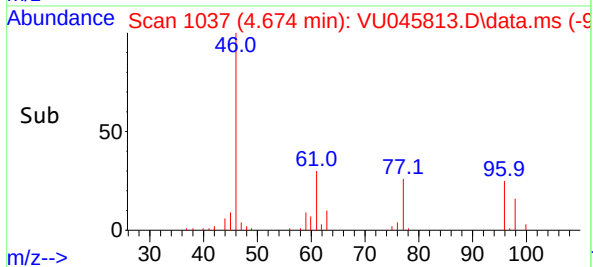
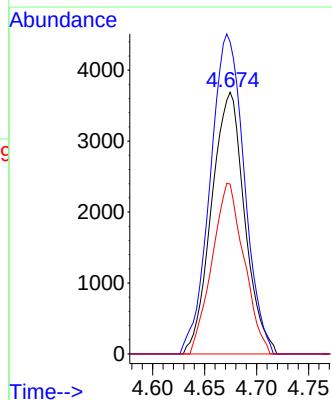
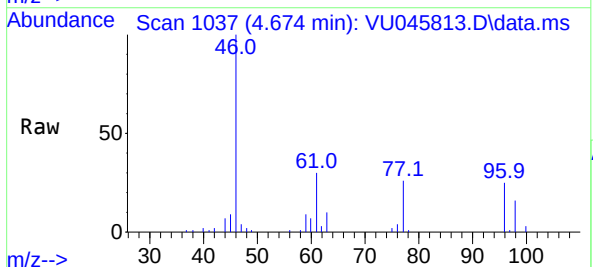
Instrument :
MSVOA_U
ClientSampleId :
BG1Z6

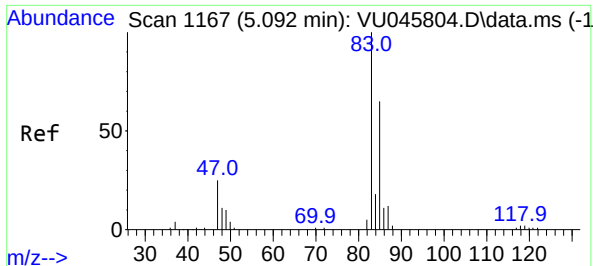
Tgt Ion: 73 Resp: 2735
Ion Ratio Lower Upper
73 100
43 14.1 14.8 22.2#
57 11.8 17.4 26.0#



#22
cis-1,2-Dichloroethene
Concen: 1.202 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU045813.D
Acq: 16 Nov 2021 17:38

Tgt Ion: 96 Resp: 8182
Ion Ratio Lower Upper
96 100
61 119.2 88.5 164.3
98 64.9 44.4 82.5

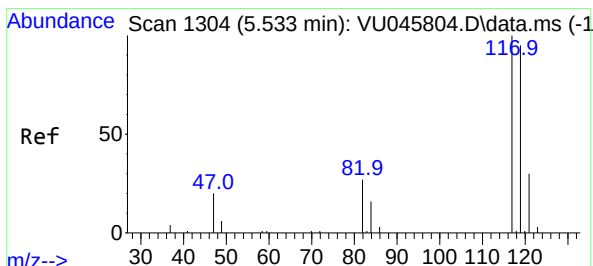
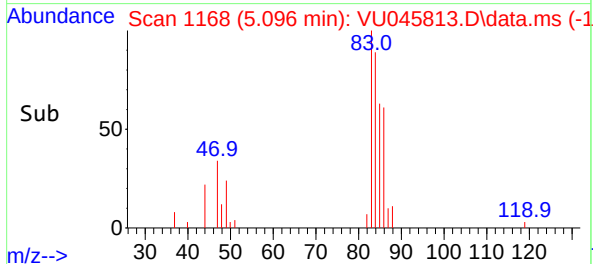
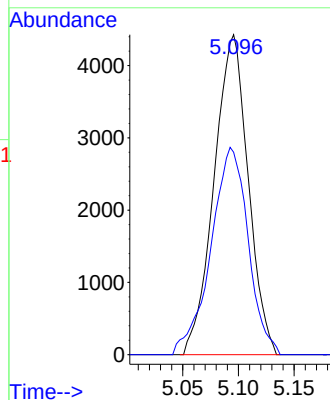
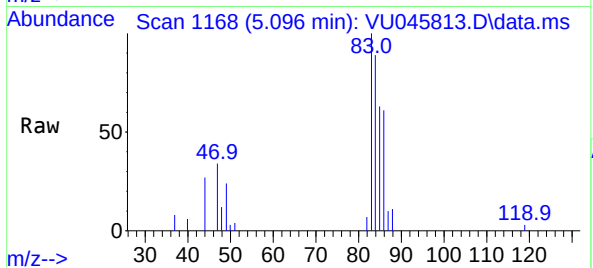




#25
Chloroform
Concen: 0.739 ug/L
RT: 5.096 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VU045813.D
Acq: 16 Nov 2021 17:38

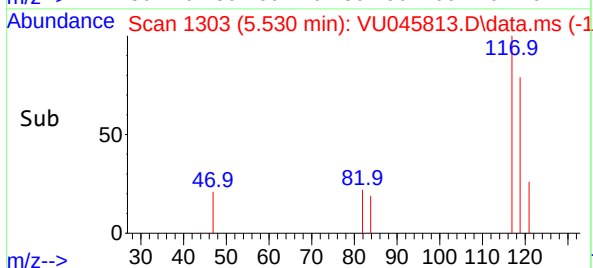
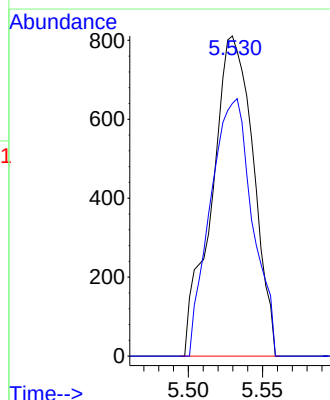
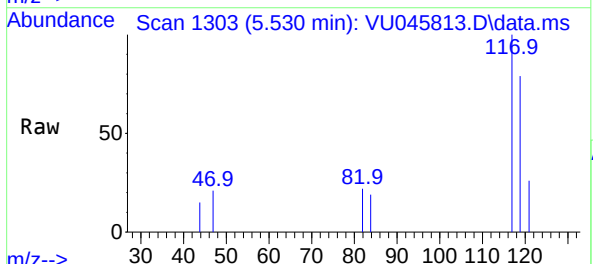
Instrument :
MSVOA_U
ClientSampleId :
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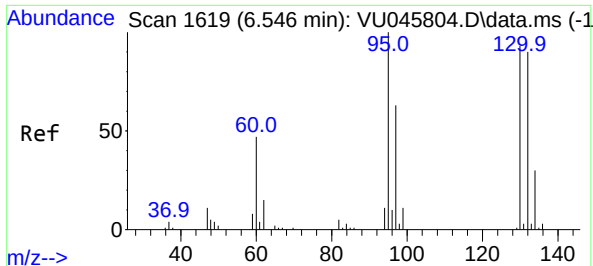
Tgt Ion: 83 Resp: 9426
Ion Ratio Lower Upper
83 100
85 63.3 46.9 87.1



#31
Carbon tetrachloride
Concen: 0.175 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU045813.D
Acq: 16 Nov 2021 17:38

Tgt Ion: 117 Resp: 1575
Ion Ratio Lower Upper
117 100
119 81.7 77.5 116.3

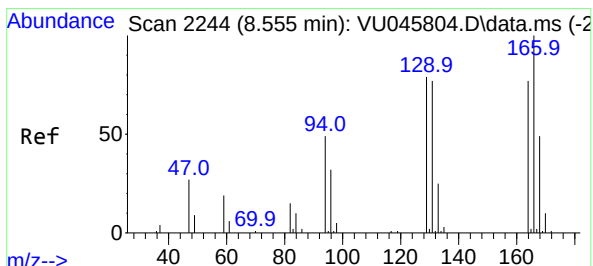
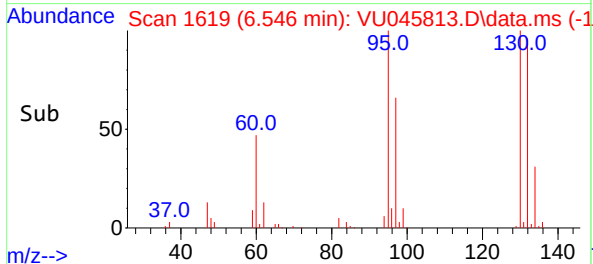
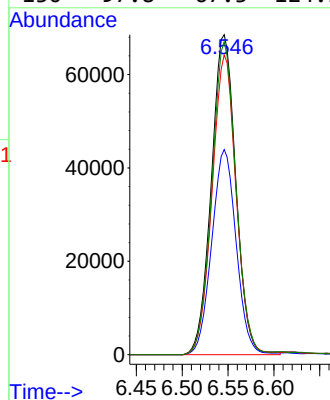
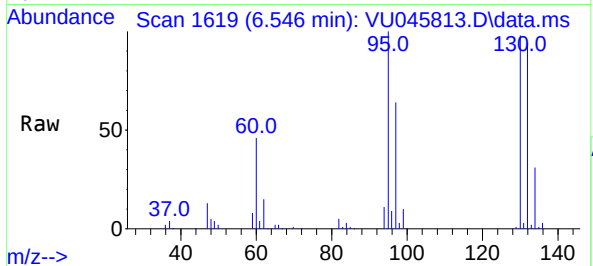




#34
Trichloroethene
Concen: 17.905 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045813.D
Acq: 16 Nov 2021 17:38

Instrument :
MSVOA_U
ClientSampleId :
BG1Z6

Tgt Ion: 95 Resp: 127191
Ion Ratio Lower Upper
95 100
97 64.1 46.5 86.5
132 93.6 65.1 120.9
130 97.8 67.3 124.9



#47
Tetrachloroethene
Concen: 4.876 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045813.D
Acq: 16 Nov 2021 17:38

Tgt Ion:164 Resp: 24246
Ion Ratio Lower Upper
164 100
129 101.9 71.8 133.4
131 96.2 68.5 127.3
166 128.2 94.1 174.8

