

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045818.D
 Acq On : 16 Nov 2021 19:38
 Operator : SY/MD
 Sample : M4686-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG201

Quant Time: Nov 17 06:11:22 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)

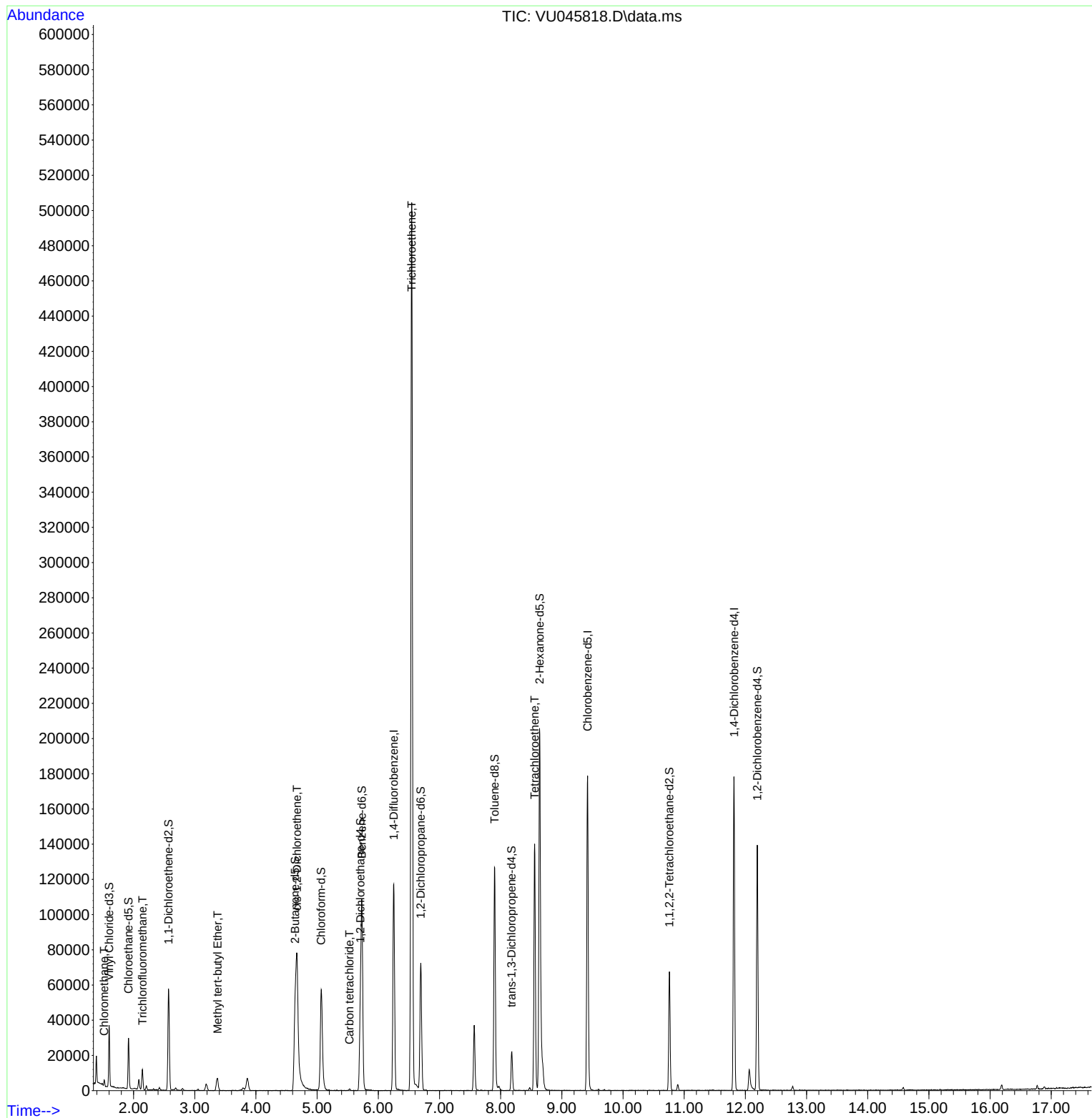
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93855	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	45833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	23132	3.111	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.200%
7) Chloroethane-d5	1.916	69	21170	3.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.571	65	11005	3.529	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	4.642	46	109073	54.735	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.480%
24) Chloroform-d	5.067	84	49544	3.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.706	65	31416	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.732	84	101288	3.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	6.693	67	35080	4.065	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.902	98	85467	3.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
43) trans-1,3-Dichloroprop...	8.179	79	13529	3.862	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.636	63	74400	47.190	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.380%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32799	4.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	35796	4.549	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2436	0.301	ug/L	96
9) Trichlorofluoromethane	2.144	101	7300	0.696	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	6912	0.457	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	22164	3.282	ug/L	97
31) Carbon tetrachloride	5.530	117	567	0.062	ug/L	98
34) Trichloroethene	6.546	95	171731	24.018	ug/L	99
47) Tetrachloroethene	8.555	164	29971	5.988	ug/L	97

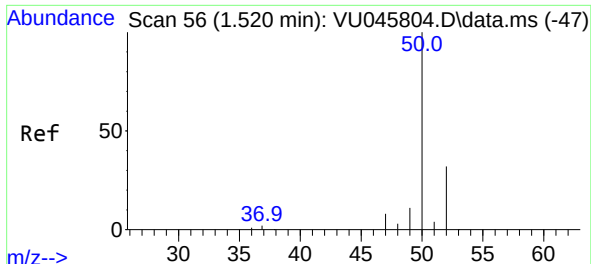
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
Data File : VU045818.D
Acq On : 16 Nov 2021 19:38
Operator : SY/MD
Sample : M4686-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG201

Quant Time: Nov 17 06:11:22 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

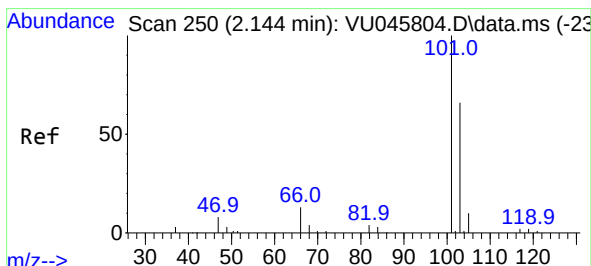
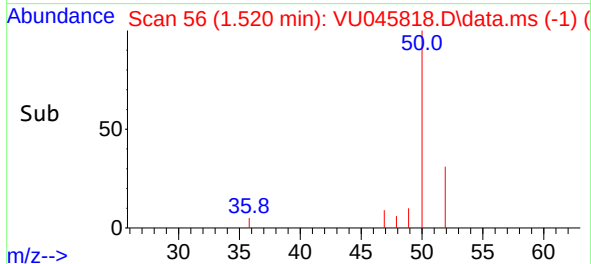
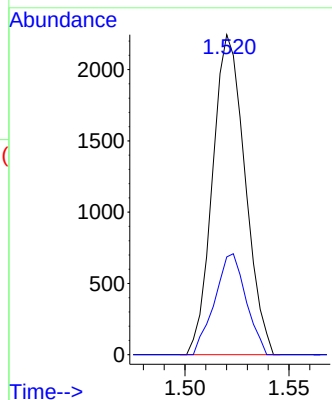
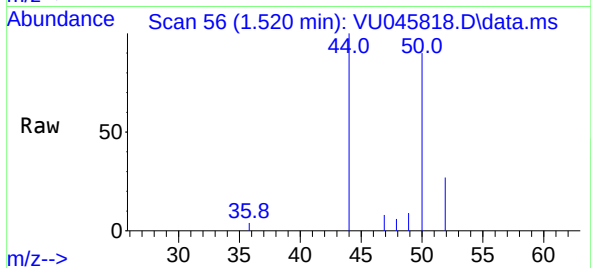




#3
Chloromethane
Concen: 0.301 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU045818.D
Acq: 16 Nov 2021 19:38

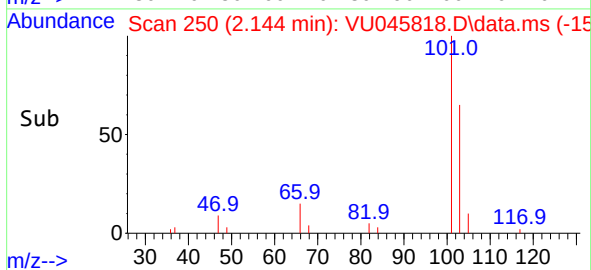
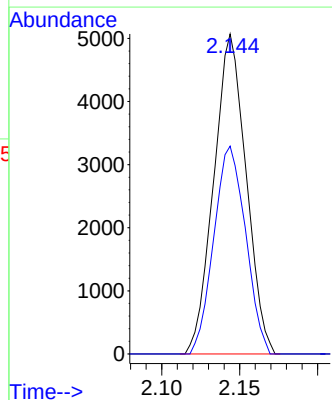
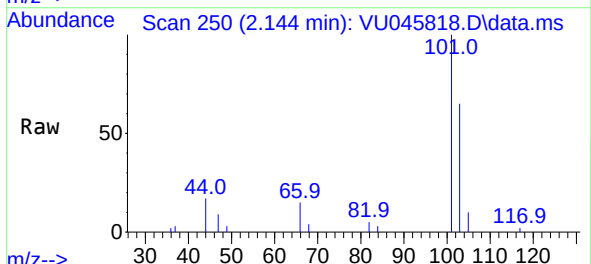
Instrument :
MSVOA_U
ClientSampleId :
BG201

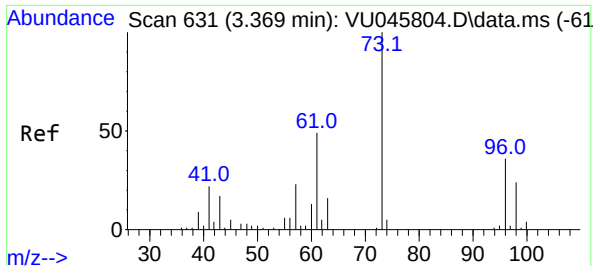
Tgt Ion: 50 Resp: 2436
Ion Ratio Lower Upper
50 100
52 30.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.696 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU045818.D
Acq: 16 Nov 2021 19:38

Tgt Ion: 101 Resp: 7300
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3

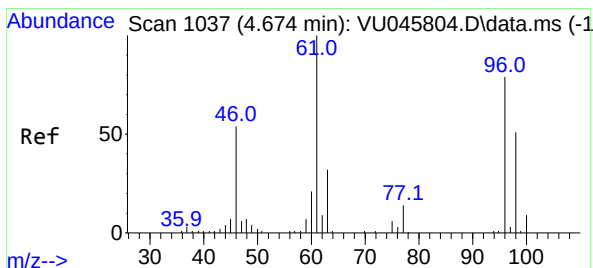
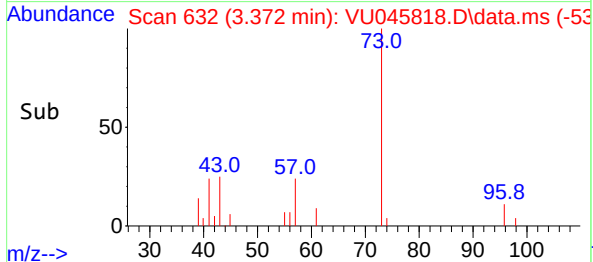
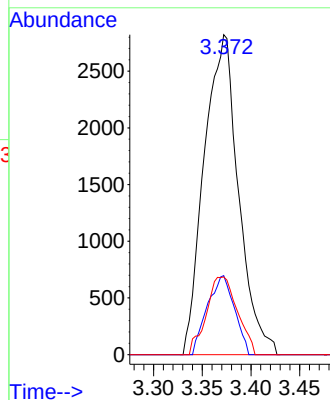
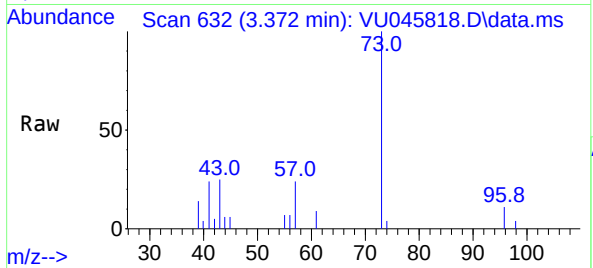




#17
Methyl tert-butyl Ether
Concen: 0.457 ug/L
RT: 3.372 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045818.D
Acq: 16 Nov 2021 19:38

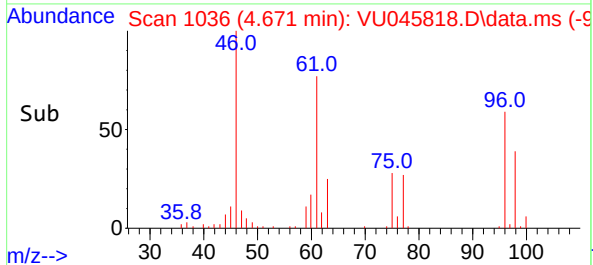
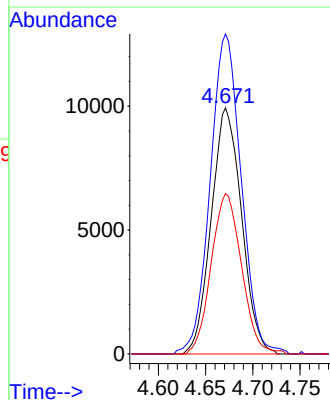
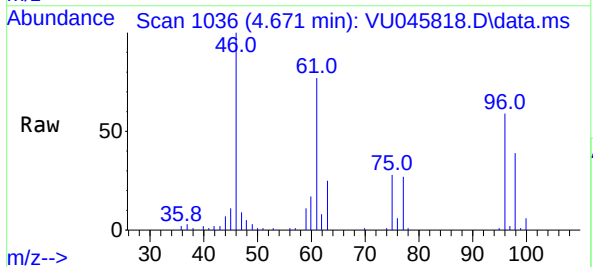
Instrument :
MSVOA_U
ClientSampleId :
BG201

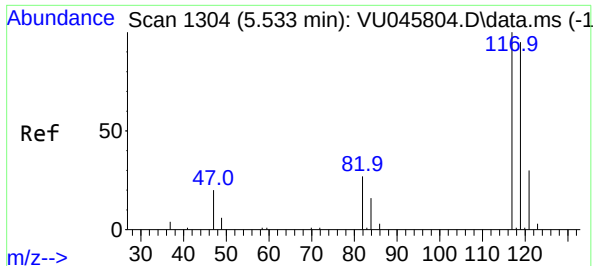
Tgt Ion: 73 Resp: 6912
Ion Ratio Lower Upper
73 100
43 19.5 14.8 22.2
57 21.9 17.4 26.0



#22
cis-1,2-Dichloroethene
Concen: 3.282 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU045818.D
Acq: 16 Nov 2021 19:38

Tgt Ion: 96 Resp: 22164
Ion Ratio Lower Upper
96 100
61 130.0 88.5 164.3
98 65.2 44.4 82.5

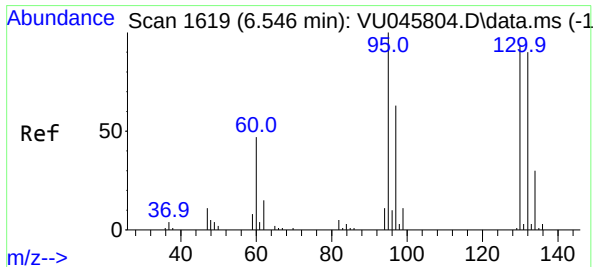
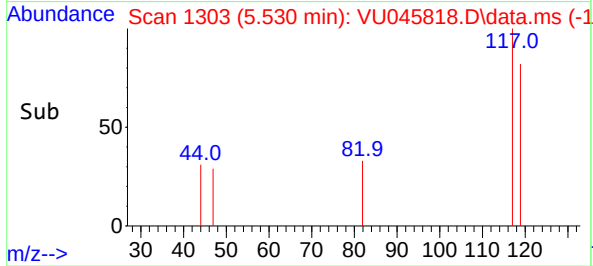
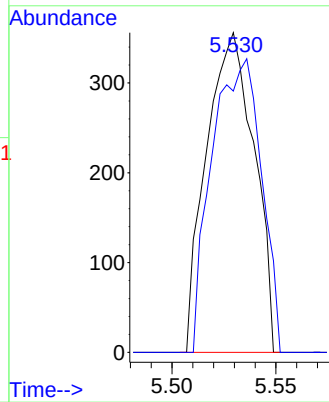
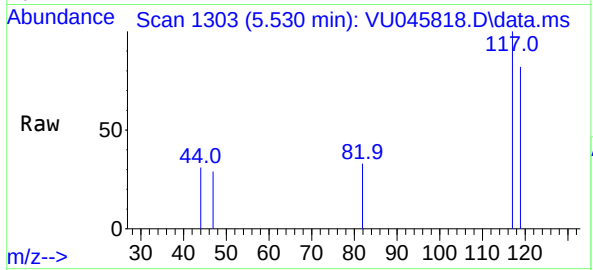




#31
Carbon tetrachloride
Concen: 0.062 ug/L
RT: 5.530 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045818.D
Acq: 16 Nov 2021 19:38

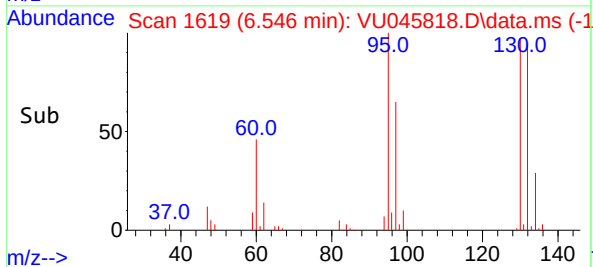
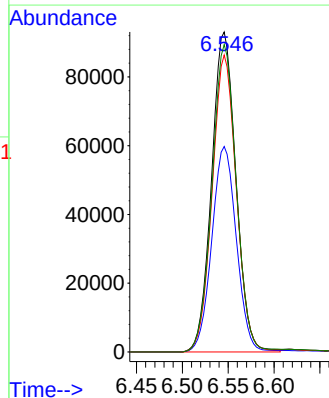
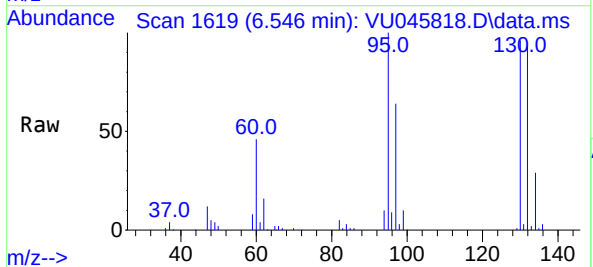
Instrument :
MSVOA_U
ClientSampleId :
BG201

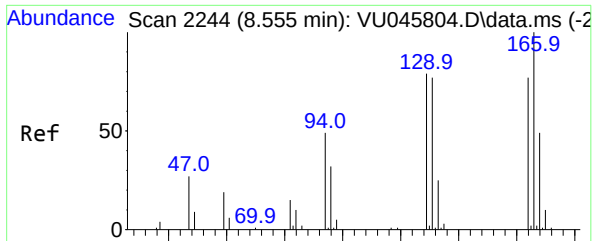
Tgt Ion:117 Resp: 567
Ion Ratio Lower Upper
117 100
119 95.2 77.5 116.3



#34
Trichloroethene
Concen: 24.018 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045818.D
Acq: 16 Nov 2021 19:38

Tgt Ion: 95 Resp: 171731
Ion Ratio Lower Upper
95 100
97 64.2 46.5 86.5
132 92.8 65.1 120.9
130 96.1 67.3 124.9





#47
Tetrachloroethene
Concen: 5.988 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045818.D
Acq: 16 Nov 2021 19:38

Instrument :
MSVOA_U
ClientSampleId :
BG201

Tgt Ion:164 Resp: 29971

Ion	Ratio	Lower	Upper
164	100		
129	104.2	71.8	133.4
131	98.4	68.5	127.3
166	128.0	94.1	174.8

