

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045844.D
 Acq On : 17 Nov 2021 16:52
 Operator : SY/MD
 Sample : M4686-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG213

Quant Time: Nov 18 02:21:46 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)

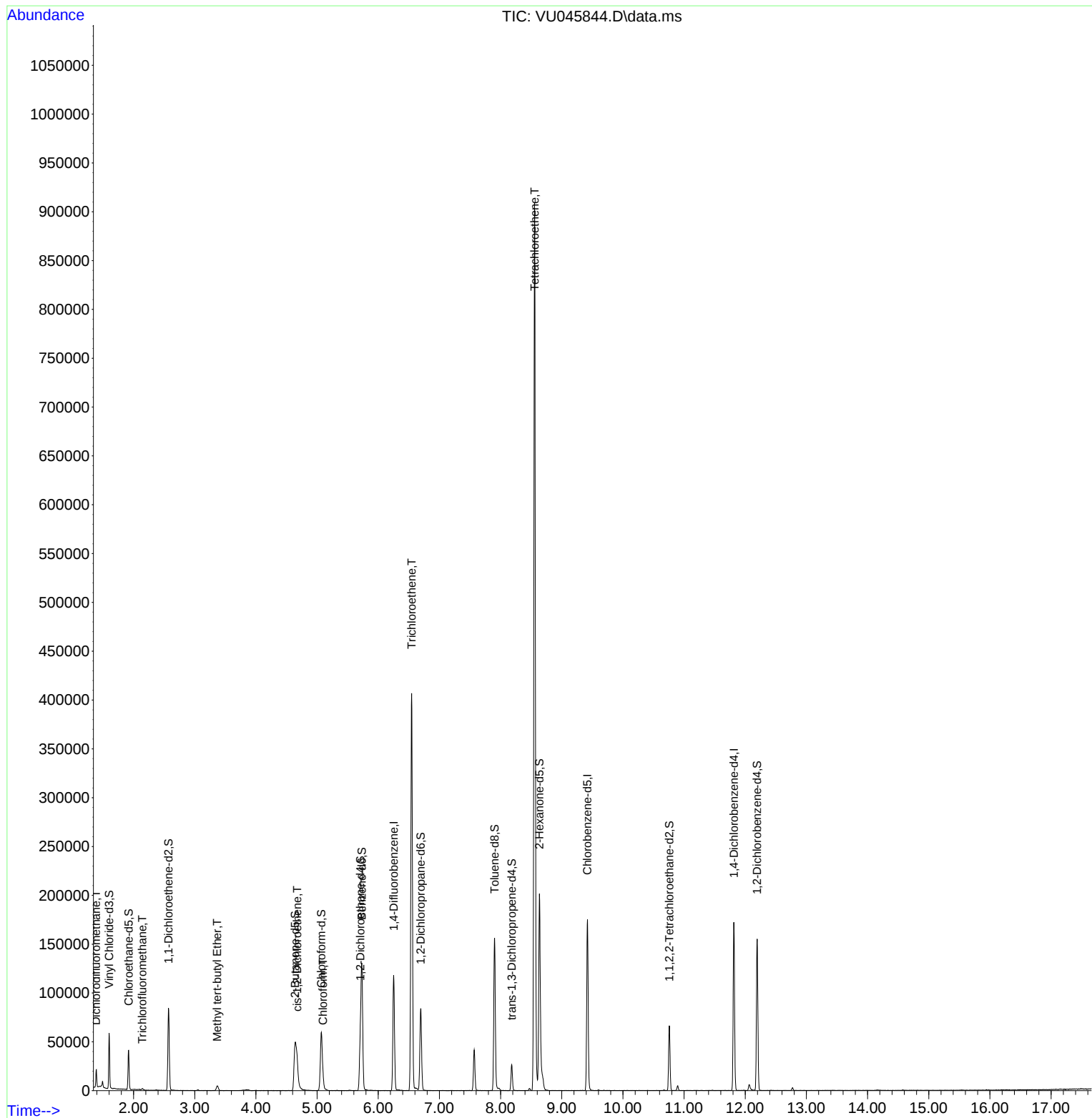
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92844	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98258	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	44968	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39224	5.332	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.600%
7) Chloroethane-d5	1.919	69	29185	5.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.000%
11) 1,1-Dichloroethene-d2	2.571	65	16009	5.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.800%
20) 2-Butanone-d5	4.642	46	98632	50.034	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.060%
24) Chloroform-d	5.070	84	52205	4.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.706	65	35321	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.732	84	123992	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.693	67	40717	4.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.902	98	107828	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.182	79	15572	4.498	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.635	63	69616	44.677	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.360%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32708	4.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	39580	5.126	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	4672	0.618	ug/L	99
9) Trichlorofluoromethane	2.144	101	818	0.079	ug/L	90
17) Methyl tert-butyl Ether	3.366	73	5932	0.396	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	8028	1.202	ug/L	86
25) Chloroform	5.095	83	10568	0.844	ug/L	98
34) Trichloroethene	6.546	95	138641	19.620	ug/L	98
47) Tetrachloroethene	8.555	164	198595	40.145	ug/L	96

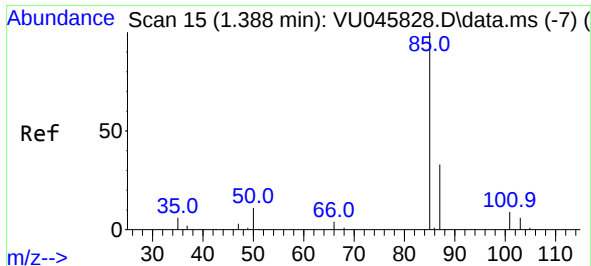
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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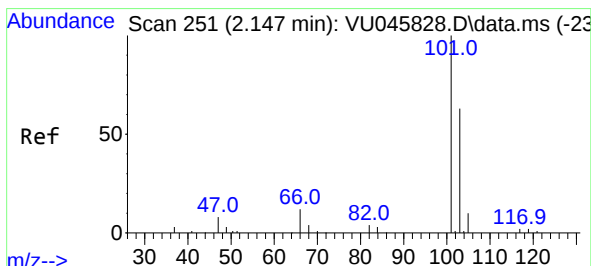
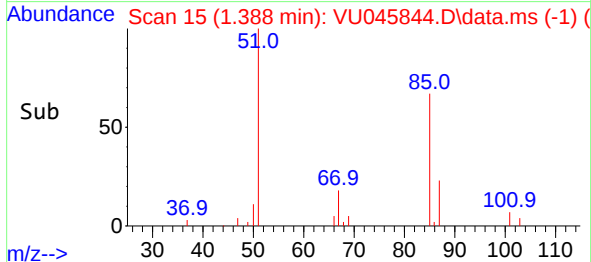
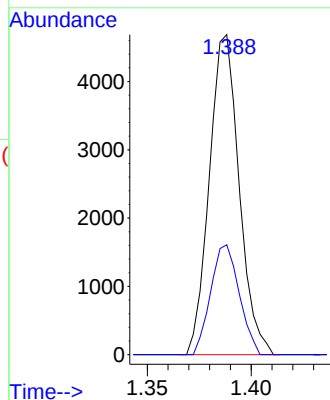
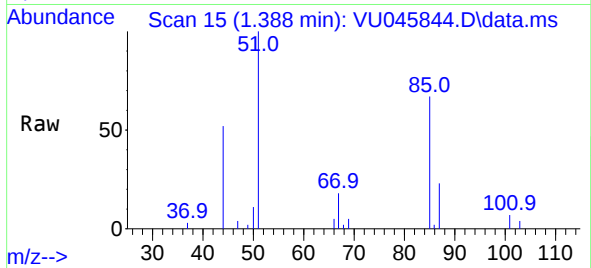




#2
Dichlorodifluoromethane
Concen: 0.618 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045844.D
Acq: 17 Nov 2021 16:52

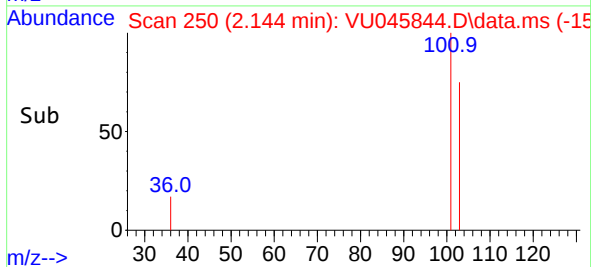
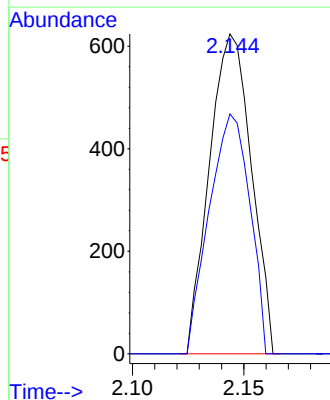
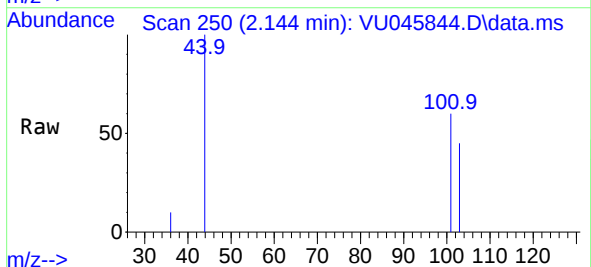
Instrument :
MSVOA_U
ClientSampleId :
BG213

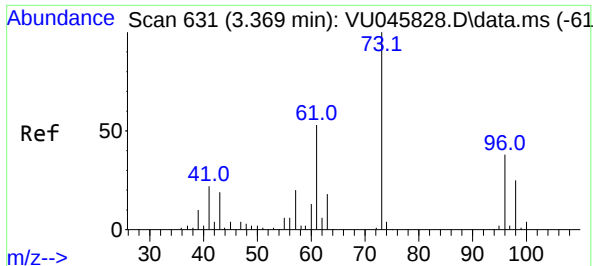
Tgt Ion: 85 Resp: 4672
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.6



#9
Trichlorofluoromethane
Concen: 0.079 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU045844.D
Acq: 17 Nov 2021 16:52

Tgt Ion:101 Resp: 818
Ion Ratio Lower Upper
101 100
103 72.4 51.5 77.3

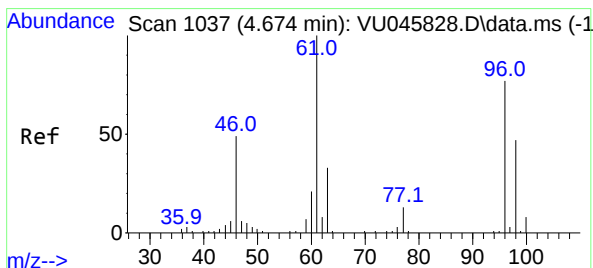
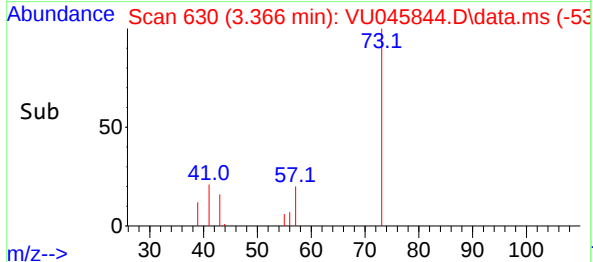
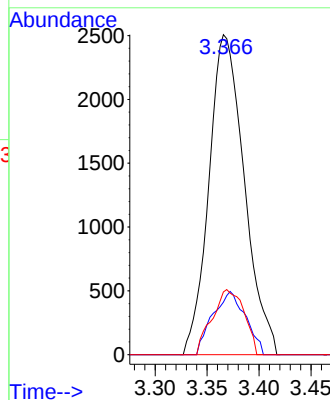
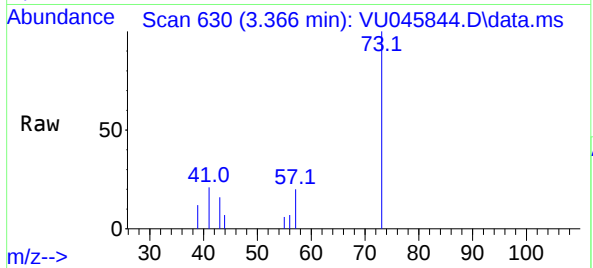




#17
Methyl tert-butyl Ether
Concen: 0.396 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045844.D
Acq: 17 Nov 2021 16:52

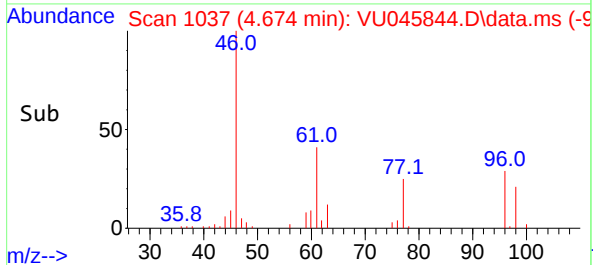
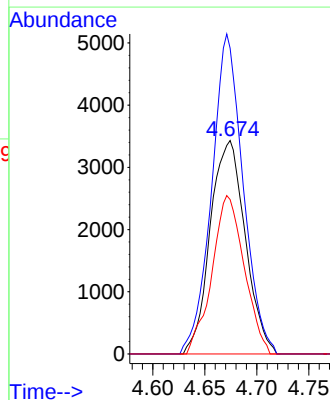
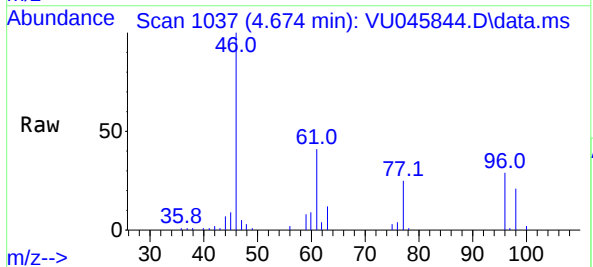
Instrument :
MSVOA_U
ClientSampleId :
BG213

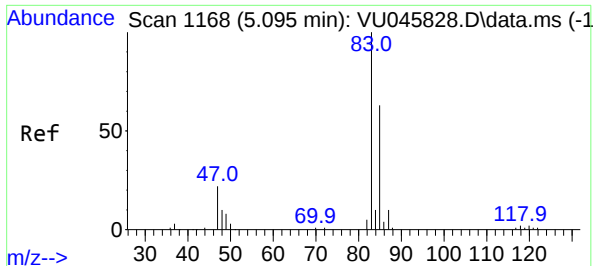
Tgt Ion: 73	Resp:	5932
Ion	Ratio	Lower Upper
73	100	
43	18.4	14.8 22.2
57	18.3	17.4 26.0



#22
cis-1,2-Dichloroethene
Concen: 1.202 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU045844.D
Acq: 17 Nov 2021 16:52

Tgt Ion: 96	Resp:	8028
Ion	Ratio	Lower Upper
96	100	
61	143.2	88.5 164.3
98	72.4	44.4 82.5

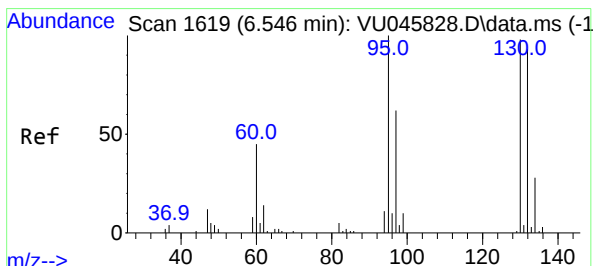
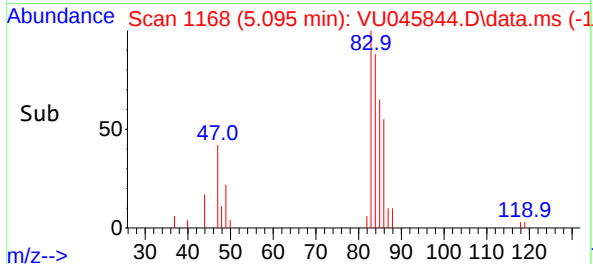
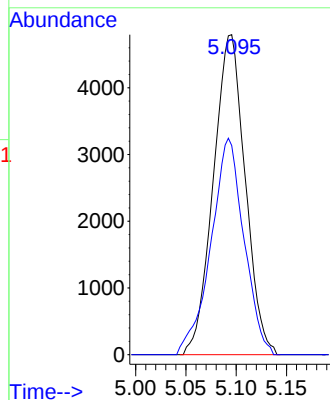
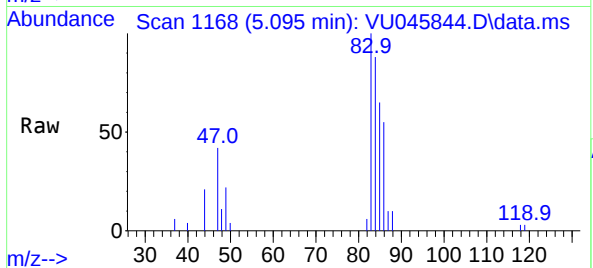




#25
Chloroform
Concen: 0.844 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU045844.D
Acq: 17 Nov 2021 16:52

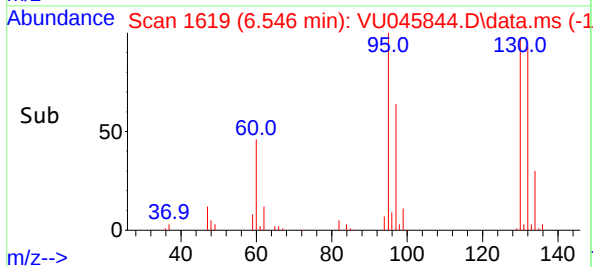
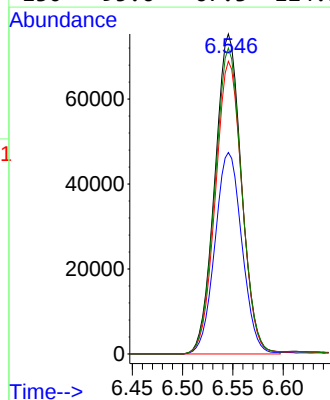
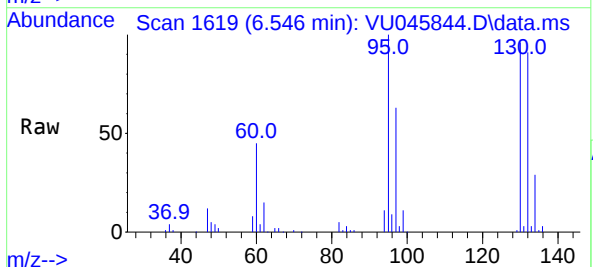
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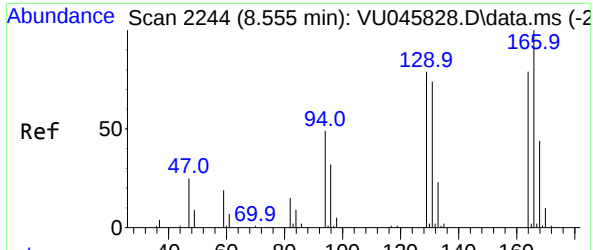
Tgt Ion: 83 Resp: 10568
Ion Ratio Lower Upper
83 100
85 65.4 46.9 87.1



#34
Trichloroethene
Concen: 19.620 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045844.D
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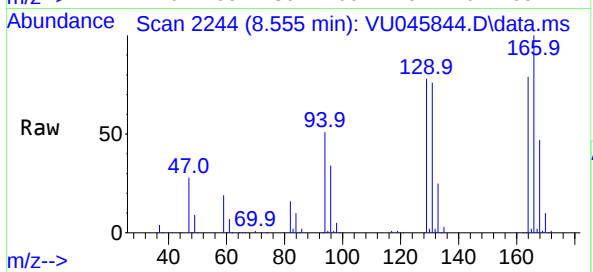
Tgt Ion: 95 Resp: 138641
Ion Ratio Lower Upper
95 100
97 62.9 46.5 86.5
132 91.5 65.1 120.9
130 95.6 67.3 124.9





#47
 Tetrachloroethene
 Concen: 40.145 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU045844.D
 Acq: 17 Nov 2021 16:52

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:164 Resp: 198595

Ion	Ratio	Lower	Upper
164	100		
129	98.6	71.8	133.4
131	96.6	68.5	127.3
166	126.5	94.1	174.8

