

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045823.D
 Acq On : 16 Nov 2021 21:38
 Operator : SY/MD
 Sample : M4686-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG214

Quant Time: Nov 17 06:26:04 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)

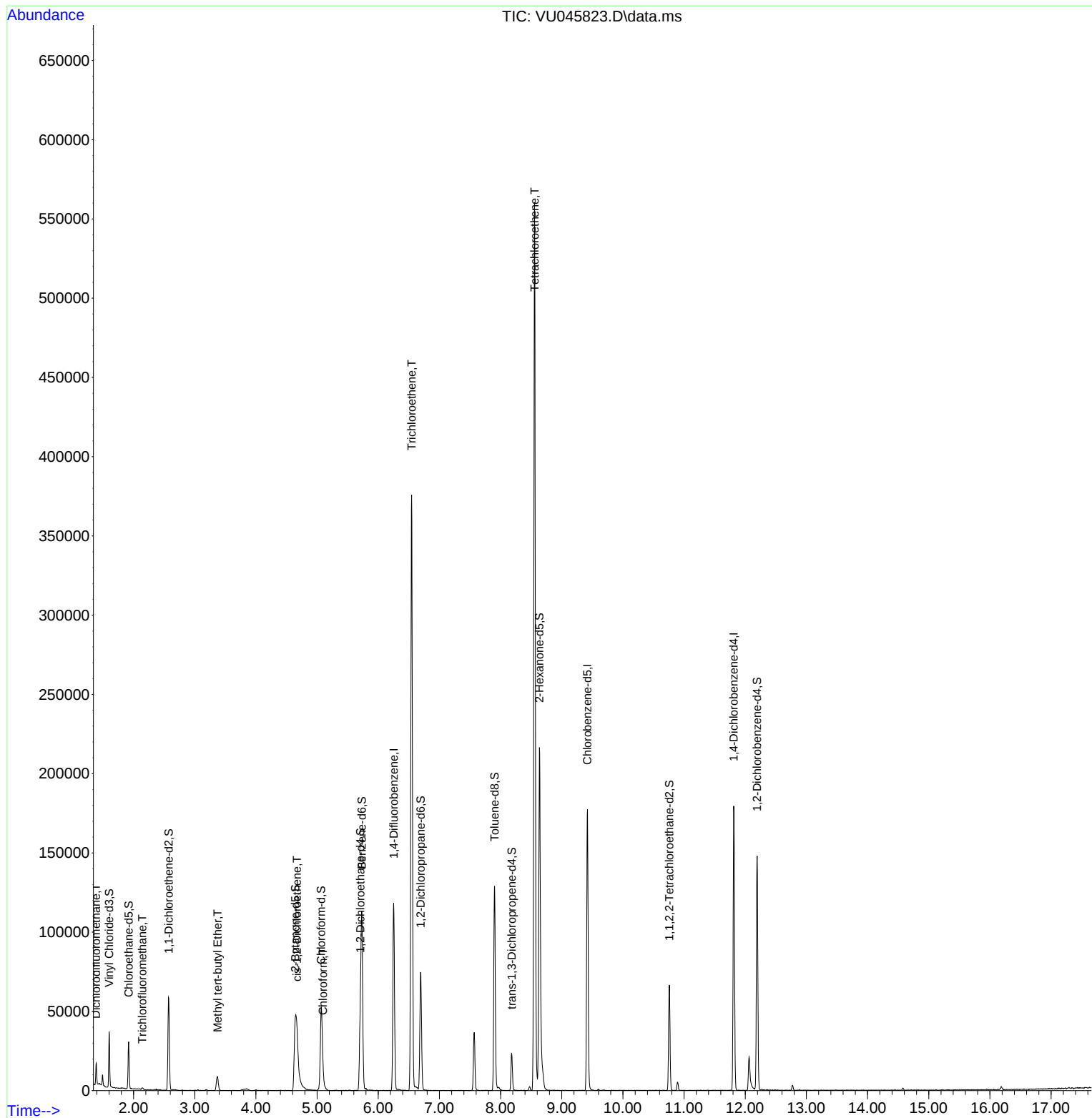
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94794	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99854	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24112	3.210	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.919	69	21327	3.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.575	65	11175	3.548	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.645	46	109882	54.595	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.180%
24) Chloroform-d	5.067	84	46139	3.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
26) 1,2-Dichloroethane-d4	5.707	65	32070	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.732	84	104702	3.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.694	67	35363	4.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.903	98	88452	3.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.182	79	13768	3.913	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.636	63	77631	49.025	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33677	4.600	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	37250	4.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	5698	0.738	ug/L	95
9) Trichlorofluoromethane	2.144	101	609	0.057	ug/L #	82
17) Methyl tert-butyl Ether	3.372	73	10509	0.688	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	5863	0.860	ug/L	96
25) Chloroform	5.096	83	8439	0.660	ug/L	96
34) Trichloroethene	6.546	95	129590	18.046	ug/L	98
47) Tetrachloroethene	8.555	164	122613	24.390	ug/L	95

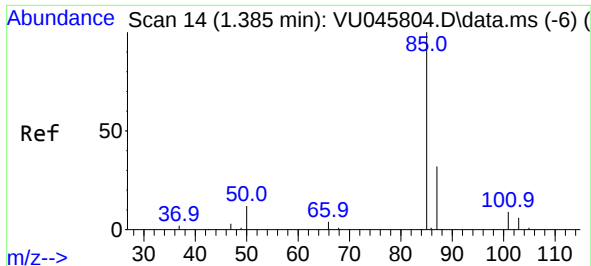
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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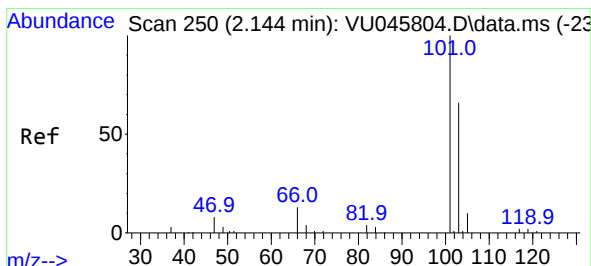
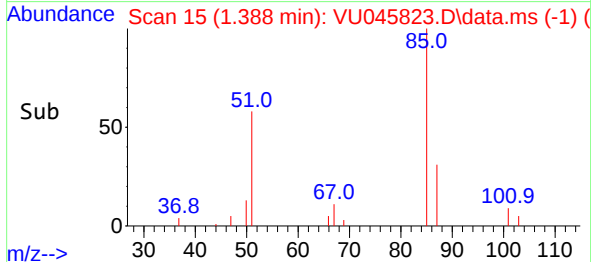
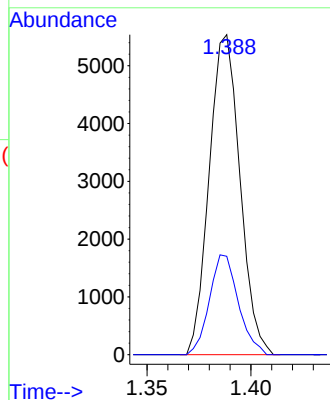
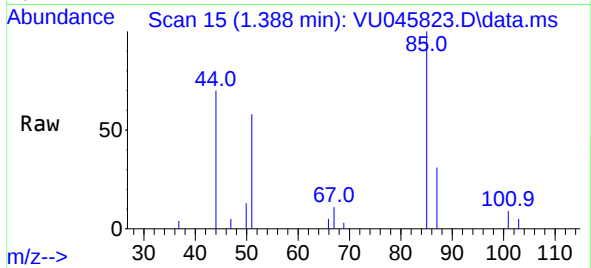




#2
Dichlorodifluoromethane
Concen: 0.738 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045823.D
Acq: 16 Nov 2021 21:38

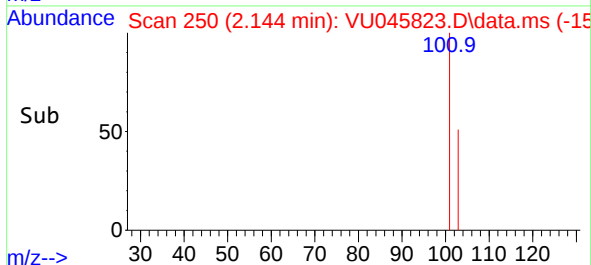
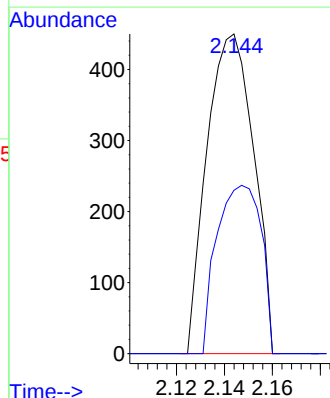
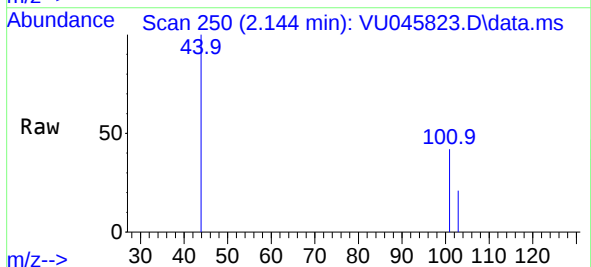
Instrument :
MSVOA_U
ClientSampleId :
BG214

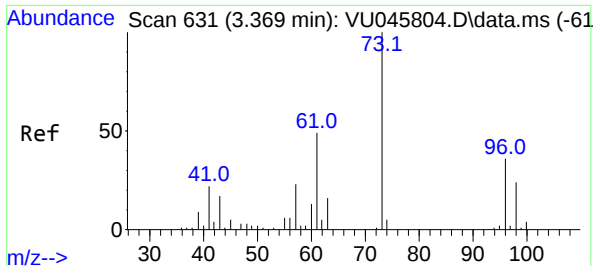
Tgt Ion: 85 Resp: 5698
Ion Ratio Lower Upper
85 100
87 29.3 25.8 38.6



#9
Trichlorofluoromethane
Concen: 0.057 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU045823.D
Acq: 16 Nov 2021 21:38

Tgt Ion:101 Resp: 609
Ion Ratio Lower Upper
101 100
103 49.9 51.5 77.3#

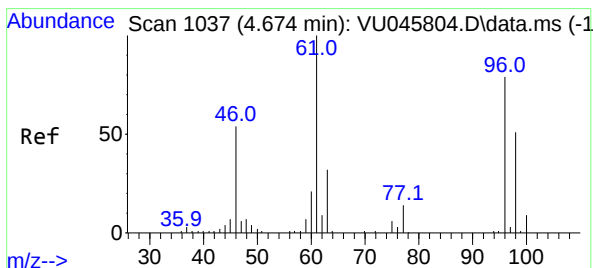
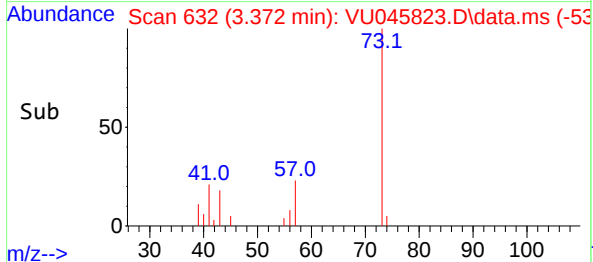
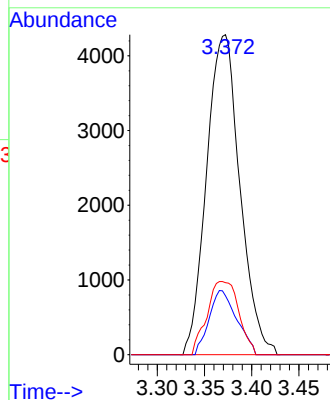
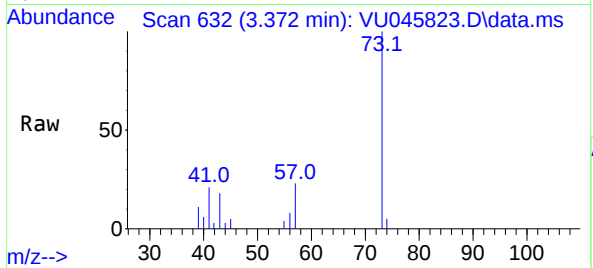




#17
Methyl tert-butyl Ether
Concen: 0.688 ug/L
RT: 3.372 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045823.D
Acq: 16 Nov 2021 21:38

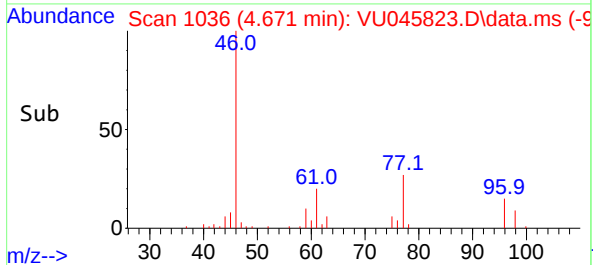
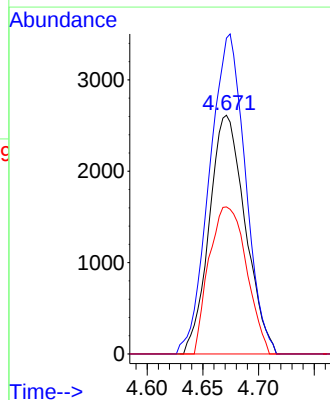
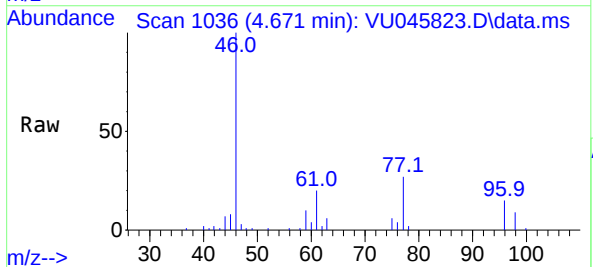
Instrument :
MSVOA_U
ClientSampleId :
BG214

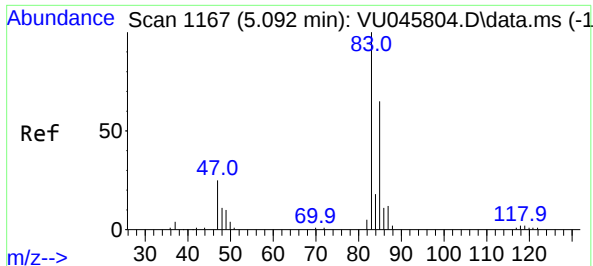
Tgt Ion: 73 Resp: 10509
Ion Ratio Lower Upper
73 100
43 16.6 14.8 22.2
57 21.8 17.4 26.0



#22
cis-1,2-Dichloroethene
Concen: 0.860 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU045823.D
Acq: 16 Nov 2021 21:38

Tgt Ion: 96 Resp: 5863
Ion Ratio Lower Upper
96 100
61 132.3 88.5 164.3
98 61.6 44.4 82.5





#25

Chloroform

Concen: 0.660 ug/L

RT: 5.096 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU045823.D

Acq: 16 Nov 2021 21:38

Instrument :

MSVOA_U

ClientSampleId :

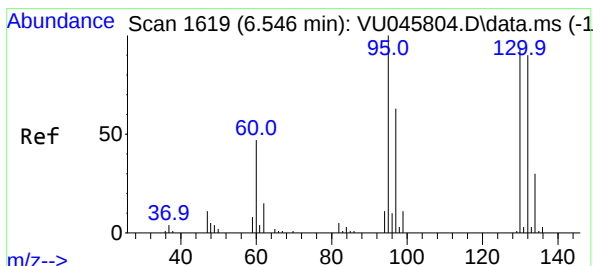
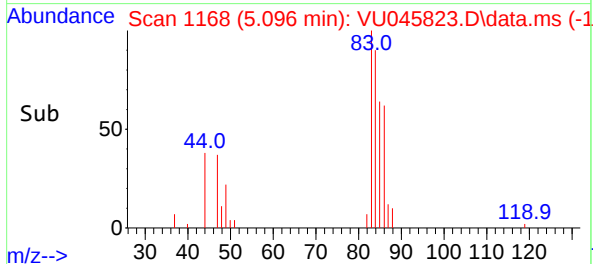
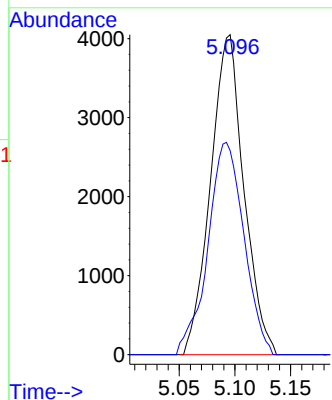
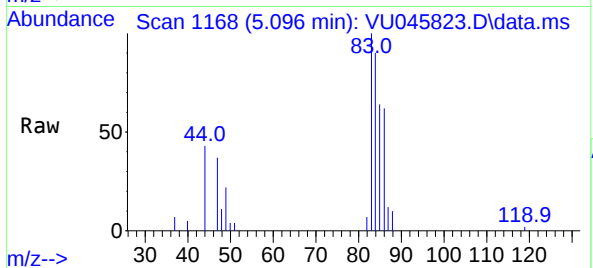
BG214

Tgt Ion: 83 Resp: 8439

Ion Ratio Lower Upper

83 100

85 63.8 46.9 87.1



#34

Trichloroethene

Concen: 18.046 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045823.D

Acq: 16 Nov 2021 21:38

Tgt Ion: 95 Resp: 129590

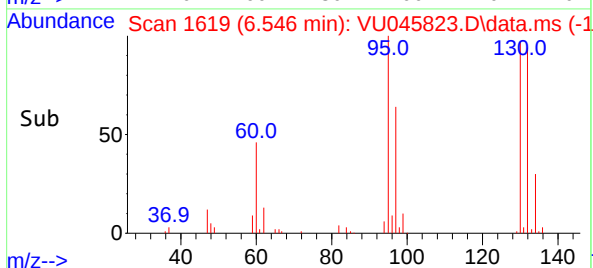
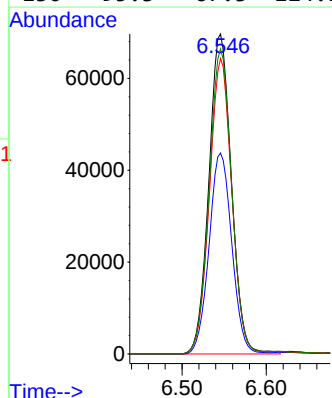
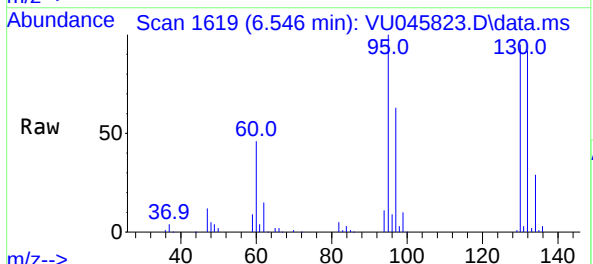
Ion Ratio Lower Upper

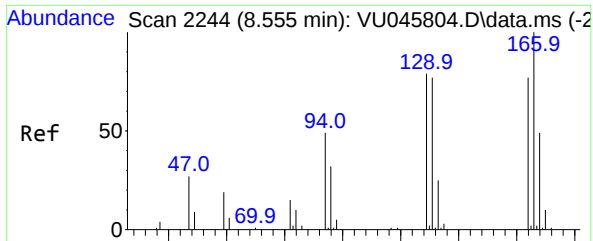
95 100

97 62.8 46.5 86.5

132 92.3 65.1 120.9

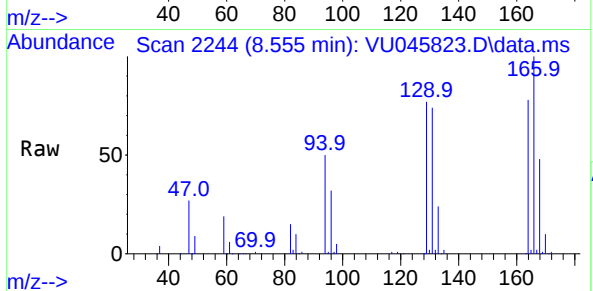
130 95.3 67.3 124.9





#47
Tetrachloroethene
Concen: 24.390 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045823.D
Acq: 16 Nov 2021 21:38

Instrument :
MSVOA_U
ClientSampleId :
BG214



Tgt Ion:164 Resp: 122613

Ion	Ratio	Lower	Upper
164	100		
129	98.6	71.8	133.4
131	94.0	68.5	127.3
166	127.6	94.1	174.8

