

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045832.D
 Acq On : 17 Nov 2021 12:01
 Operator : SY/MD
 Sample : M4686-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

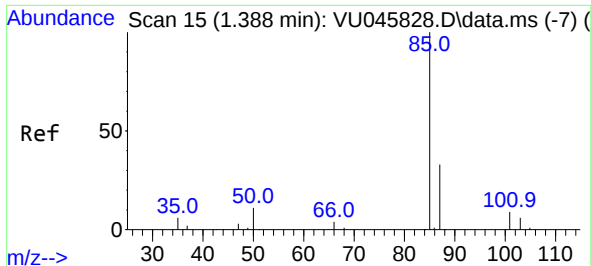
Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z8

Quant Time: Nov 18 02:18:53 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	86103	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	91538	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41813	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	20815	3.051	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.919	69	19672	3.961	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.575	65	9621	3.363	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	4.649	46	109867	60.097	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.200%
24) Chloroform-d	5.067	84	45227	3.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	5.706	65	30793	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.732	84	96528	3.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.694	67	33364	4.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.899	98	81051	3.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.182	79	12912	4.003	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.636	63	74074	51.028	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32803	4.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	34184	4.761	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	11164	1.592	ug/L	96
9) Trichlorofluoromethane	2.144	101	3718	0.386	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1839	0.326	ug/L #	80
12) 1,1-Dichloroethene	2.588	96	3248	0.609	ug/L #	9
19) 1,1-Dichloroethane	3.880	63	4483	0.419	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	4844	0.782	ug/L	96
25) Chloroform	5.092	83	9941	0.856	ug/L	99
34) Trichloroethene	6.546	95	57082	8.671	ug/L	97
47) Tetrachloroethene	8.555	164	26762	5.807	ug/L	96

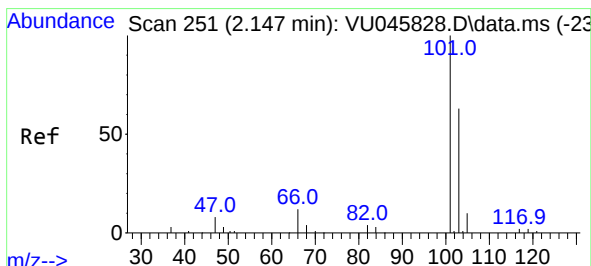
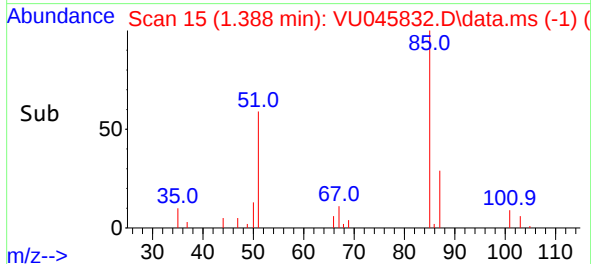
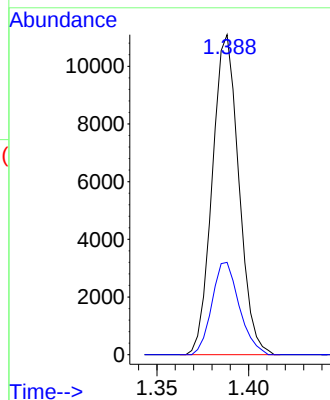
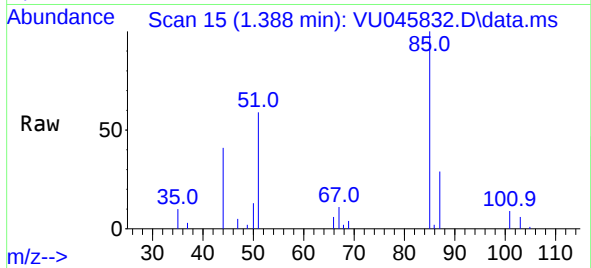
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 1.592 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045832.D
Acq: 17 Nov 2021 12:01

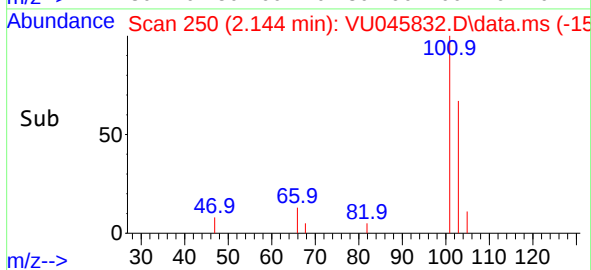
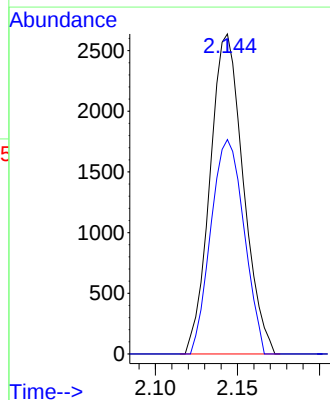
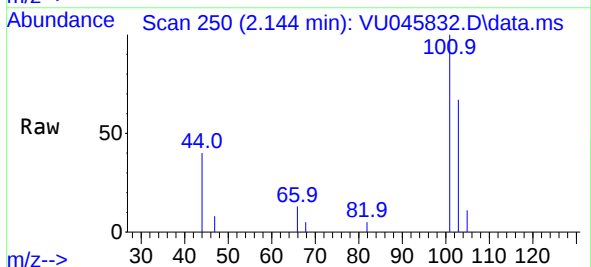
Instrument :
MSVOA_U
ClientSampleId :
BG1Z8

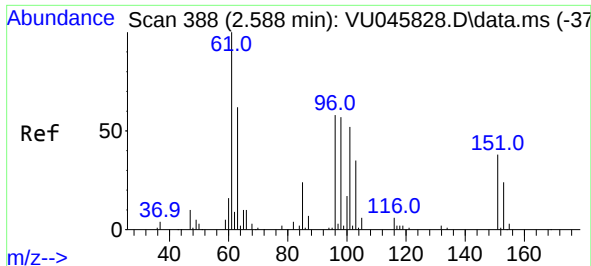
Tgt Ion: 85 Resp: 11164
Ion Ratio Lower Upper
85 100
87 29.7 25.8 38.6



#9
Trichlorofluoromethane
Concen: 0.386 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU045832.D
Acq: 17 Nov 2021 12:01

Tgt Ion:101 Resp: 3718
Ion Ratio Lower Upper
101 100
103 66.5 51.5 77.3

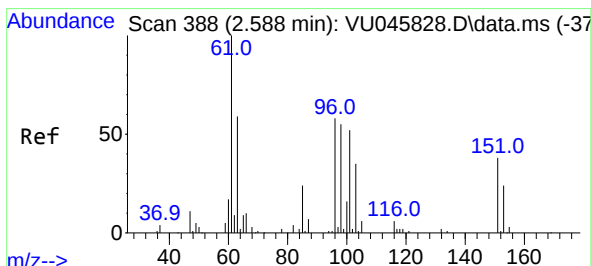
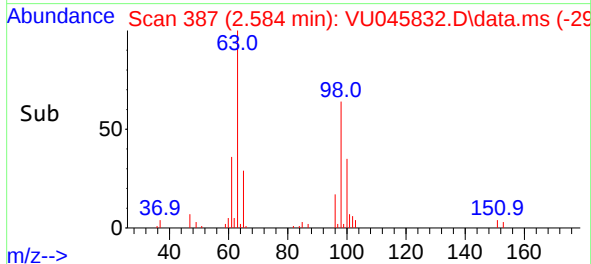
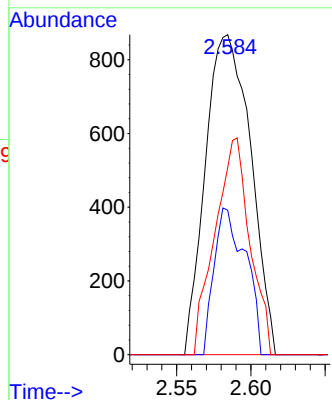
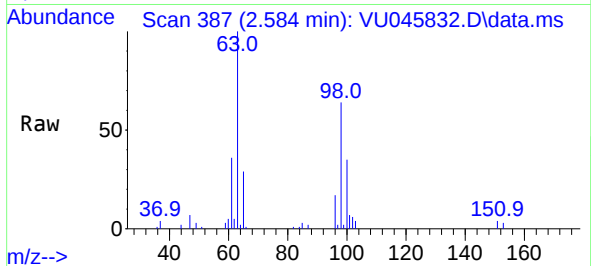




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.326 ug/L
RT: 2.584 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU045832.D
Acq: 17 Nov 2021 12:01

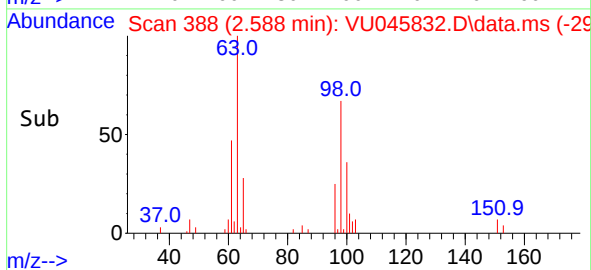
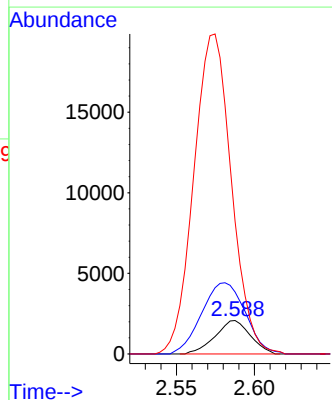
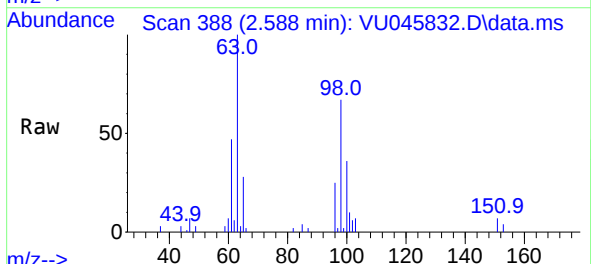
Instrument :
MSVOA_U
ClientSampleId :
BG1Z8

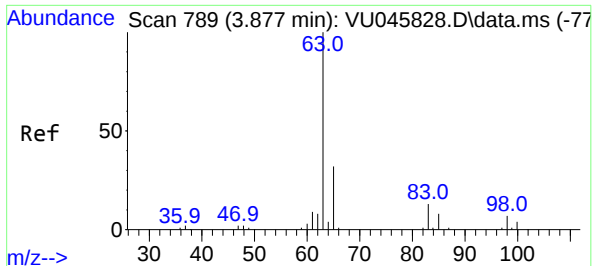
Tgt Ion:101 Resp: 1839
Ion Ratio Lower Upper
101 100
85 31.6 34.6 51.8#
151 52.3 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 0.609 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU045832.D
Acq: 17 Nov 2021 12:01

Tgt Ion: 96 Resp: 3248
Ion Ratio Lower Upper
96 100
61 184.8 124.7 231.5
63 396.4 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.419 ug/L

RT: 3.880 min Scan# 79

Delta R.T. 0.003 min

Lab File: VU045832.D

Acq: 17 Nov 2021 12:01

Instrument :

MSVOA_U

ClientSampleId :

BG1Z8

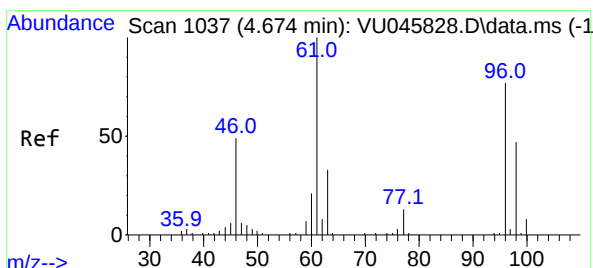
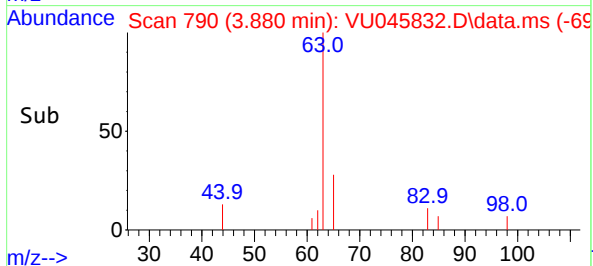
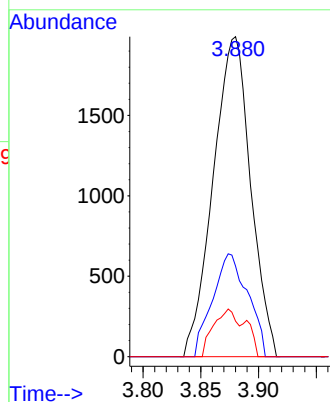
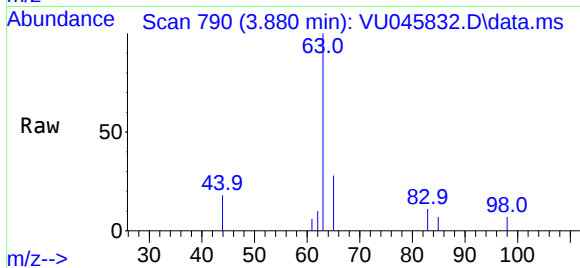
Tgt Ion: 63 Resp: 4483

Ion Ratio Lower Upper

63 100

65 28.3 22.3 41.5

83 11.1 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.782 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU045832.D

Acq: 17 Nov 2021 12:01

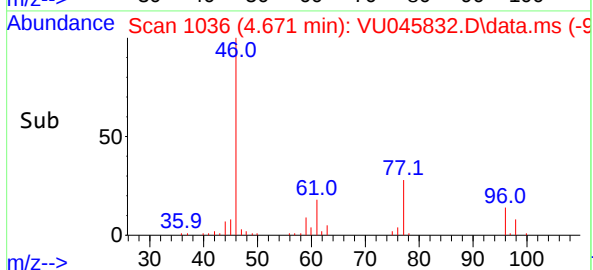
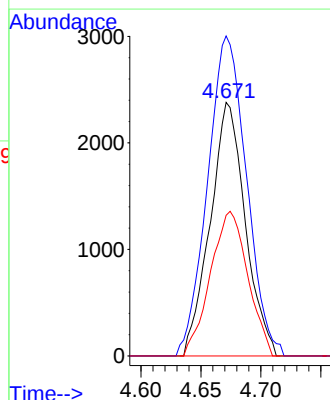
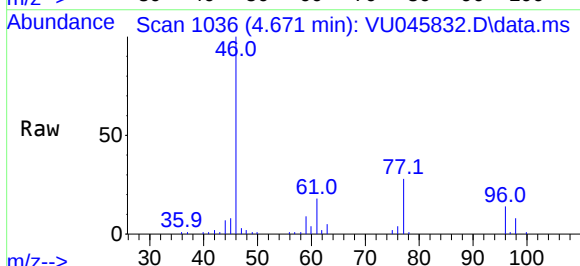
Tgt Ion: 96 Resp: 4844

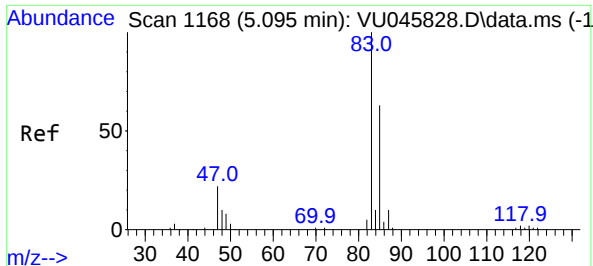
Ion Ratio Lower Upper

96 100

61 126.2 88.5 164.3

98 55.5 44.4 82.5

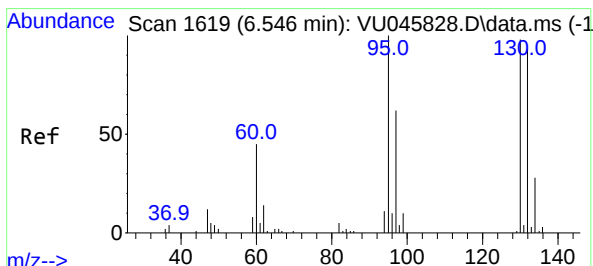
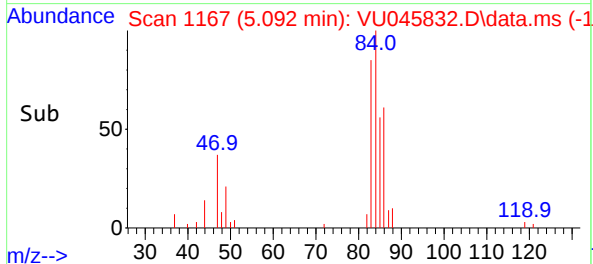
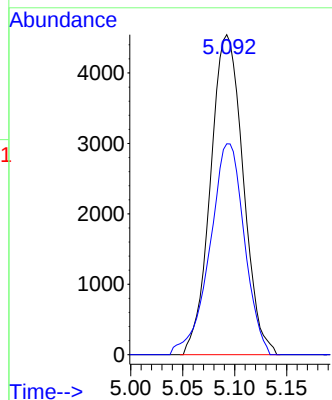
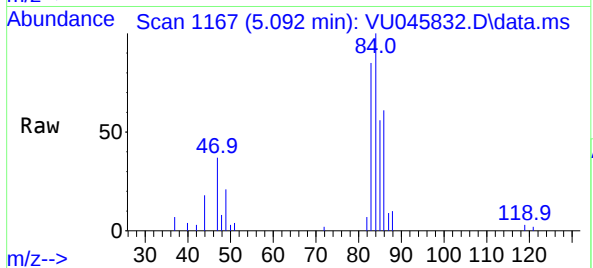




#25
Chloroform
Concen: 0.856 ug/L
RT: 5.092 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU045832.D
Acq: 17 Nov 2021 12:01

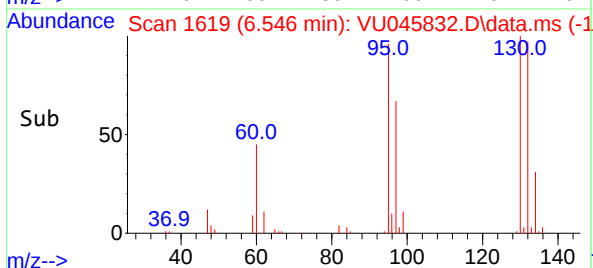
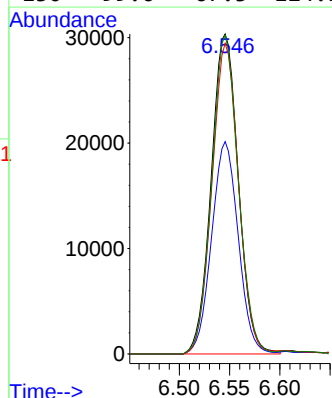
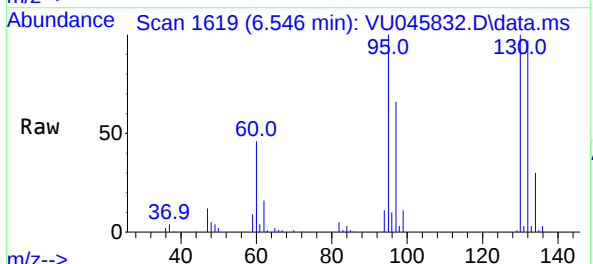
Instrument :
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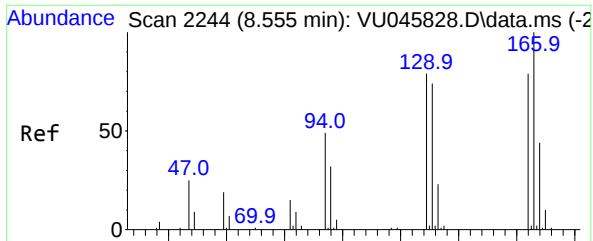
Tgt Ion: 83 Resp: 9941
Ion Ratio Lower Upper
83 100
85 65.9 46.9 87.1



#34
Trichloroethene
Concen: 8.671 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045832.D
Acq: 17 Nov 2021 12:01

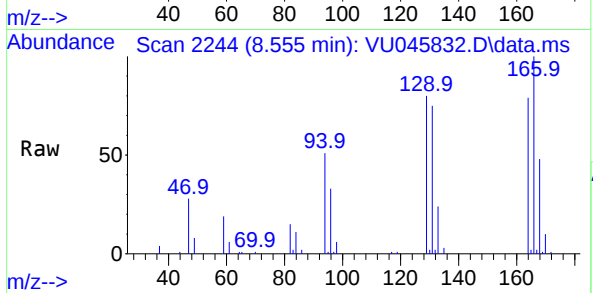
Tgt Ion: 95 Resp: 57082
Ion Ratio Lower Upper
95 100
97 66.3 46.5 86.5
132 97.1 65.1 120.9
130 99.6 67.3 124.9





#47
Tetrachloroethene
Concen: 5.807 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045832.D
Acq: 17 Nov 2021 12:01

Instrument :
MSVOA_U
ClientSampleId :
BG1Z8



Tgt Ion:164 Resp: 26762

Ion	Ratio	Lower	Upper
164	100		
129	100.6	71.8	133.4
131	95.1	68.5	127.3
166	126.3	94.1	174.8

