

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045815.D
 Acq On : 16 Nov 2021 18:26
 Operator : SY/MD
 Sample : M4686-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z8

Quant Time: Nov 17 04:52:32 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)

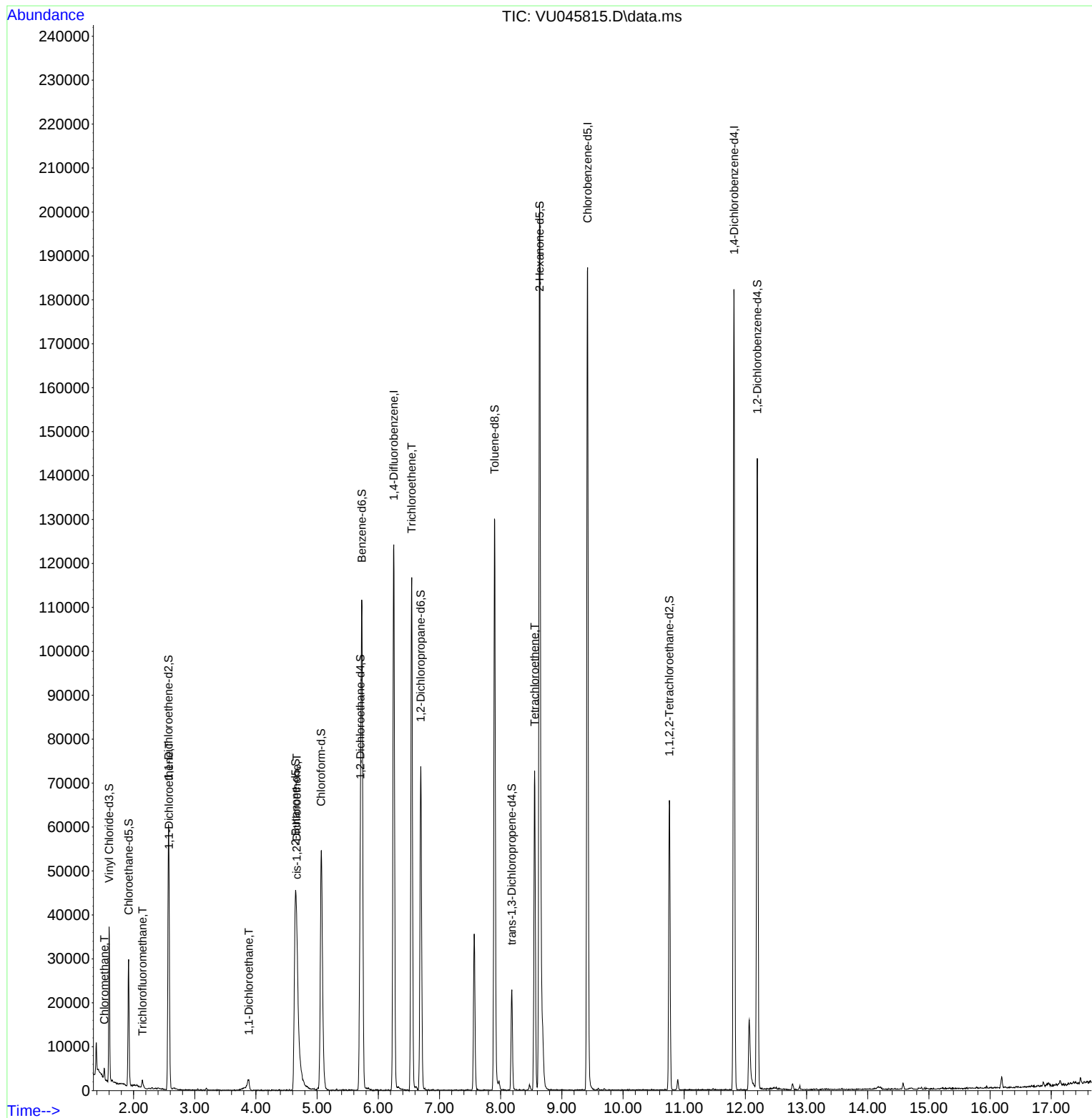
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97817	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	47190	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24295	3.135	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.919	69	20838	3.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.572	65	11303	3.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.649	46	107075	51.556	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.120%
24) Chloroform-d	5.067	84	49092	3.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
26) 1,2-Dichloroethane-d4	5.706	65	32141	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.732	84	103575	3.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.200%
36) 1,2-Dichloropropane-d6	6.694	67	34790	3.844	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.899	98	86574	3.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	8.182	79	13736	3.738	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.636	63	74947	45.318	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32916	4.305	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	36583	4.515	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1926	0.228	ug/L	90
9) Trichlorofluoromethane	2.144	101	894	0.082	ug/L	92
12) 1,1-Dichloroethene	2.581	96	1506	0.249	ug/L #	1
19) 1,1-Dichloroethane	3.883	63	3319	0.273	ug/L	90
22) cis-1,2-Dichloroethene	4.668	96	3944	0.560	ug/L	95
34) Trichloroethene	6.546	95	39208	5.228	ug/L	99
47) Tetrachloroethene	8.555	164	15723	2.995	ug/L	92

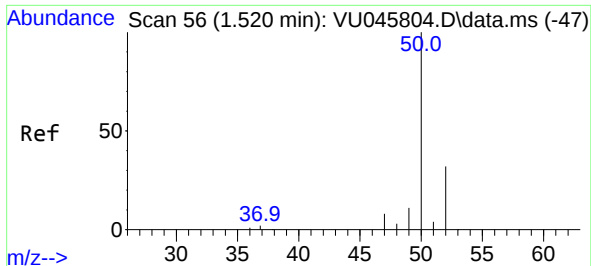
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

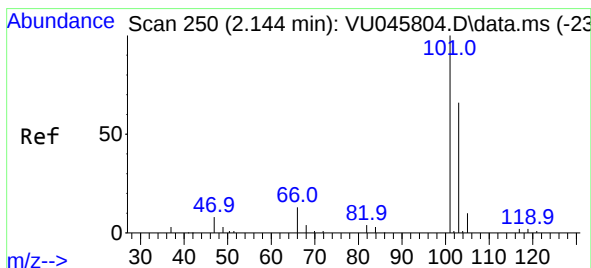
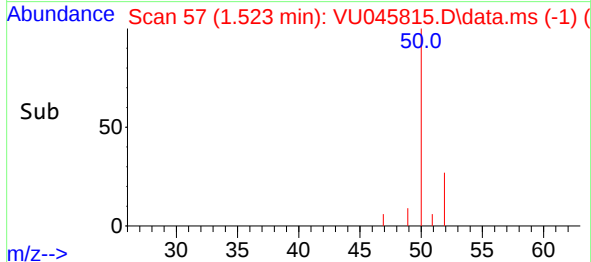
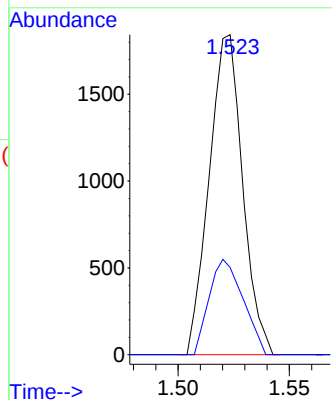
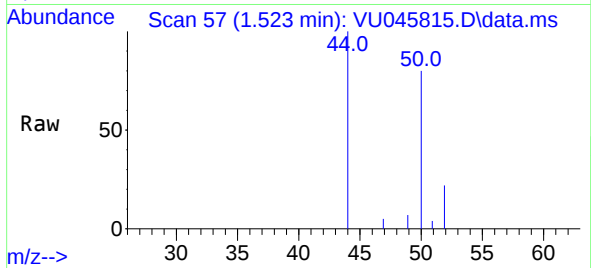




#3
Chloromethane
Concen: 0.228 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045815.D
Acq: 16 Nov 2021 18:26

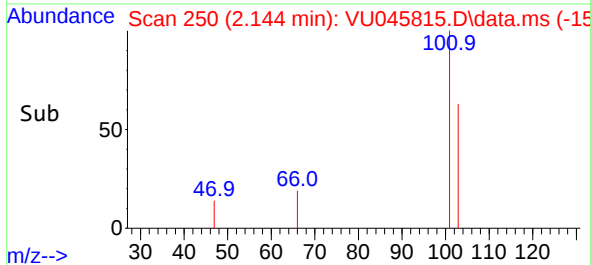
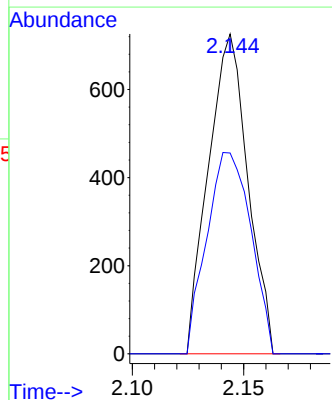
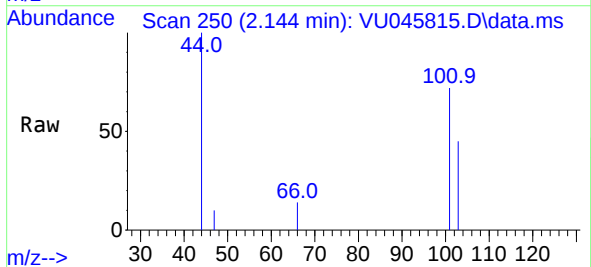
Instrument :
MSVOA_U
ClientSampleId :
BG1Z8

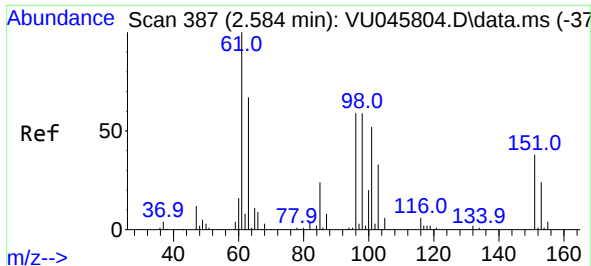
Tgt Ion: 50 Resp: 1926
Ion Ratio Lower Upper
50 100
52 27.2 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.082 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU045815.D
Acq: 16 Nov 2021 18:26

Tgt Ion:101 Resp: 894
Ion Ratio Lower Upper
101 100
103 70.4 51.5 77.3





#12

1,1-Dichloroethene

Concen: 0.249 ug/L

RT: 2.581 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU045815.D

Acq: 16 Nov 2021 18:26

Instrument :

MSVOA_U

ClientSampleId :

BG1Z8

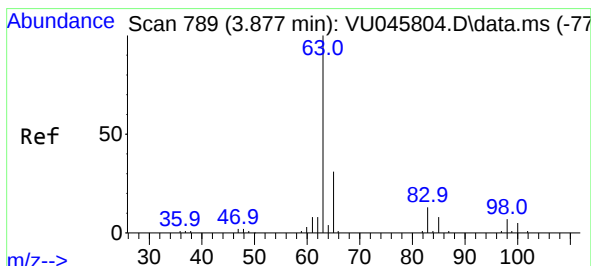
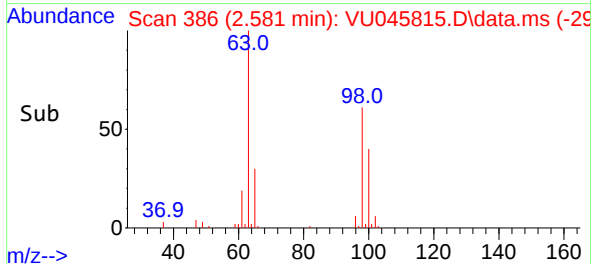
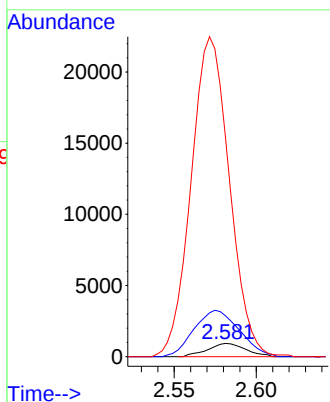
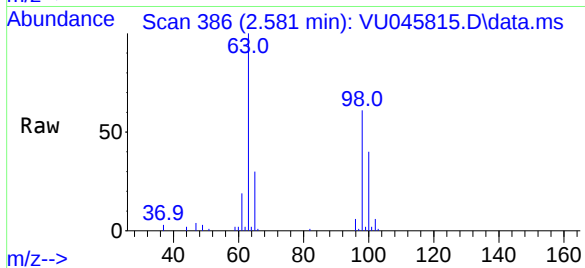
Tgt Ion: 96 Resp: 1506

Ion Ratio Lower Upper

96 100

61 308.6 124.7 231.5#

63 1660.8 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 0.273 ug/L

RT: 3.883 min Scan# 791

Delta R.T. 0.006 min

Lab File: VU045815.D

Acq: 16 Nov 2021 18:26

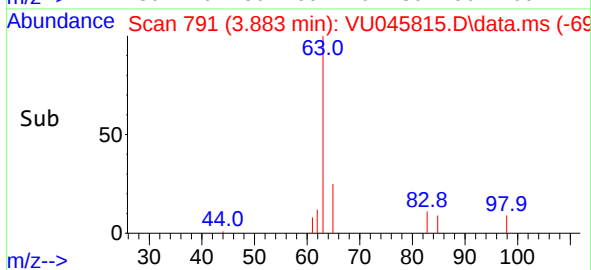
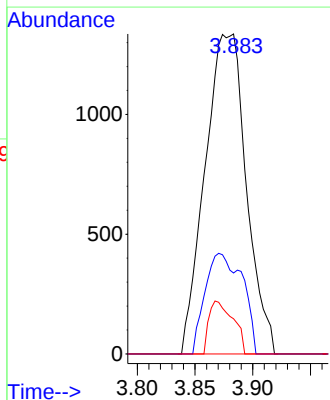
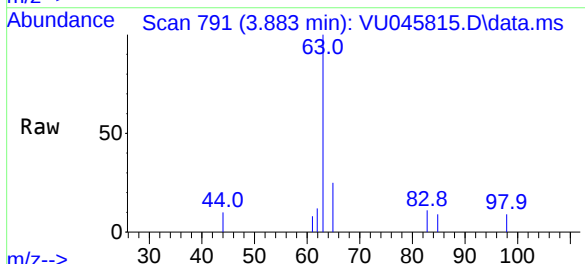
Tgt Ion: 63 Resp: 3319

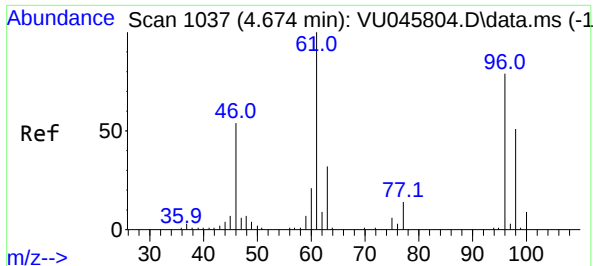
Ion Ratio Lower Upper

63 100

65 25.3 22.3 41.5

83 11.0 9.6 17.8

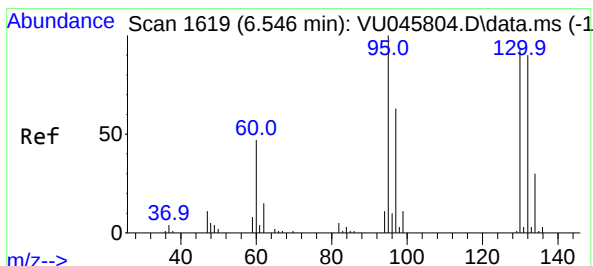
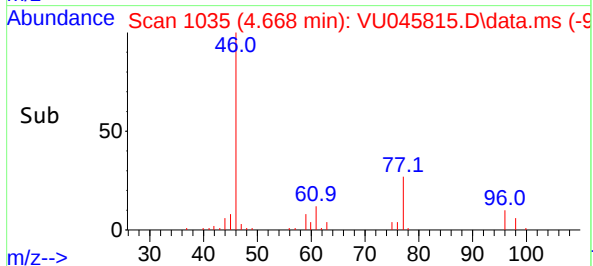
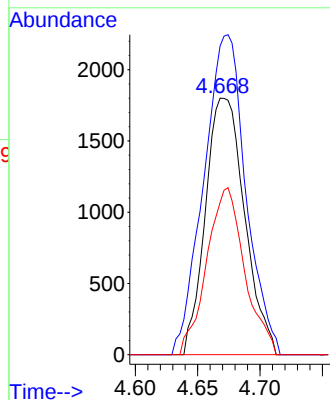
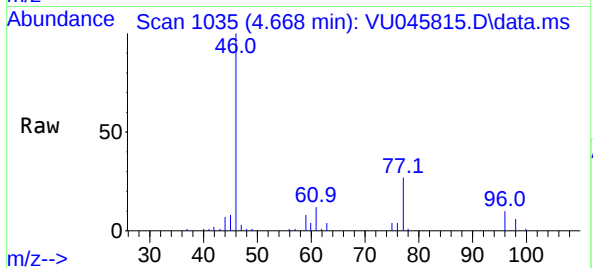




#22
cis-1,2-Dichloroethene
Concen: 0.560 ug/L
RT: 4.668 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VU045815.D
Acq: 16 Nov 2021 18:26

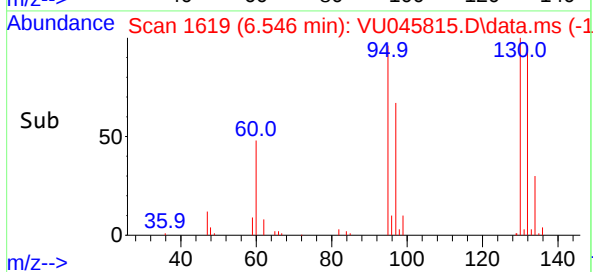
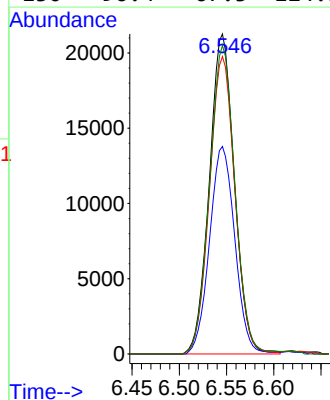
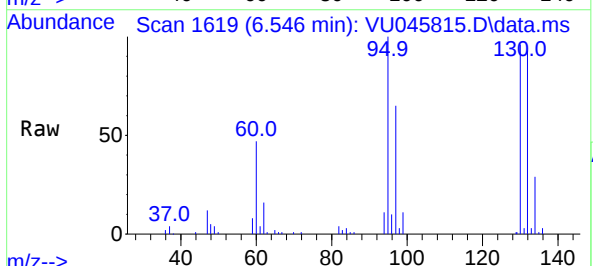
Instrument :
MSVOA_U
ClientSampleId :
BG1Z8

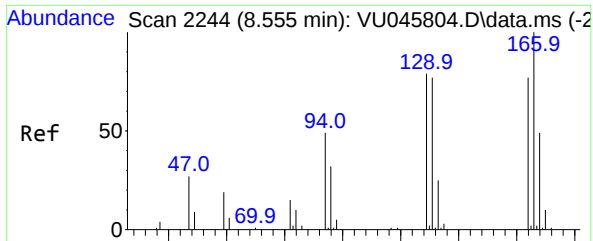
Tgt Ion: 96	Resp: 3944		
Ion Ratio	Lower	Upper	
96	100		
61	120.3	88.5	164.3
98	59.3	44.4	82.5



#34
Trichloroethene
Concen: 5.228 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045815.D
Acq: 16 Nov 2021 18:26

Tgt Ion: 95	Resp: 39208
Ion Ratio	Lower Upper
95 100	
97 64.8	46.5 86.5
132 93.0	65.1 120.9
130 96.4	67.3 124.9





#47
Tetrachloroethene
Concen: 2.995 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045815.D
Acq: 16 Nov 2021 18:26

Instrument :
MSVOA_U
ClientSampleId :
BG1Z8

Tgt Ion:164 Resp: 15723

Ion	Ratio	Lower	Upper
164	100		
129	90.1	71.8	133.4
131	96.1	68.5	127.3
166	122.4	94.1	174.8

