

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013233.D
 Acq On : 19 Oct 2019 04:53
 Operator : SY/MD
 Sample : K5457-17
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K22

Manual Integrations
 APPROVED

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 11/1/2019 8:08:41 AM

Quant Time: Nov 01 04:24:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 02:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	395458	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	433401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	213029	5.00	ug/L	0.00

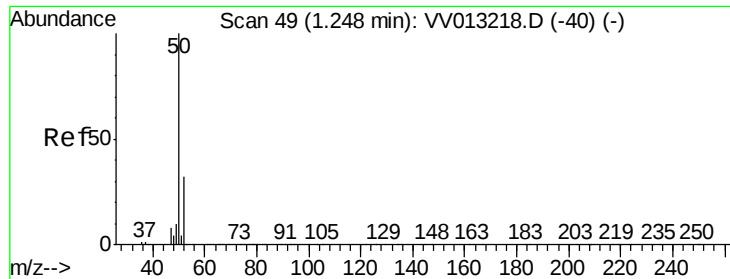
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	208649	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.58	69	172336	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.13	63	259607	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	3.96	46	482308	57.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.44%
24) Chloroform-d	4.40	84	422567	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.08	65	204261	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.09	84	836966	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.12	67	258701	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.36	98	688769	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.66	79	81764	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.14	63	321379	45.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	178374	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	261926	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	3865m	0.081	ug/L
12) 1,1-Dichloroethene	2.14	96	31137	0.980	ug/L # 1
19) 1,1-Dichloroethane	3.23	63	9288	0.123	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	20926	0.489	ug/L # 96
25) Chloroform	4.42	83	50991	0.640	ug/L 93
31) Carbon tetrachloride	4.87	117	74337	1.254	ug/L 100
34) Trichloroethene	5.96	95	85204	1.882	ug/L 95
47) Tetrachloroethene	8.02	164	49974	1.263	ug/L 98

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



#3

Chloromethane

Concen: 0.081 ug/L m

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV013233.D

Acq: 19 Oct 2019 04:53

Instrument :

MSVOA_V

ClientSampleId :

C0K22

Tgt Ion: 50 Resp: 3865

Ion Ratio Lower Upper

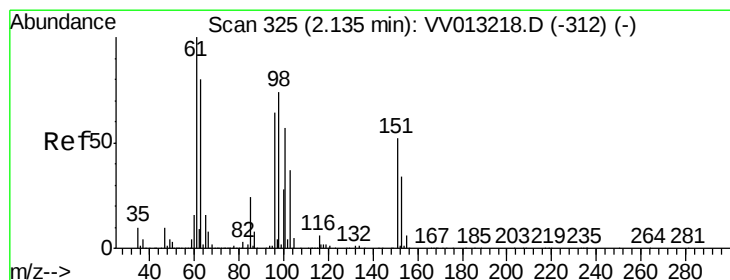
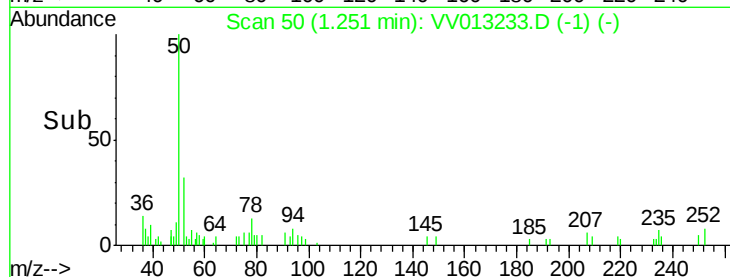
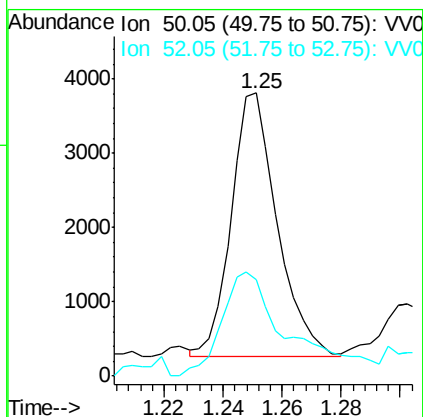
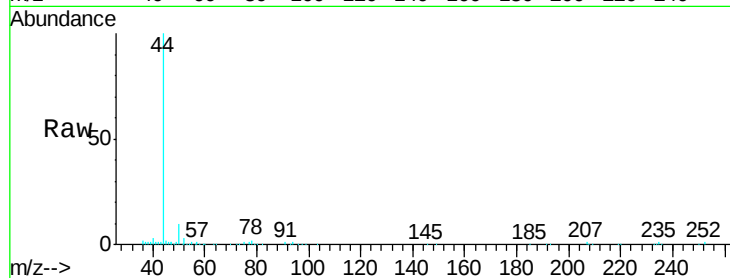
50 100

52 34.0 23.0 42.8

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#12

1,1-Dichloroethene

Concen: 0.980 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013233.D

Acq: 19 Oct 2019 04:53

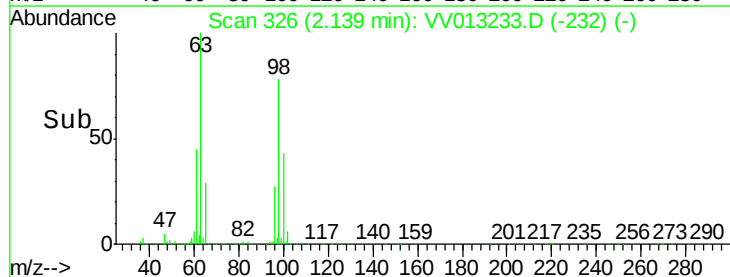
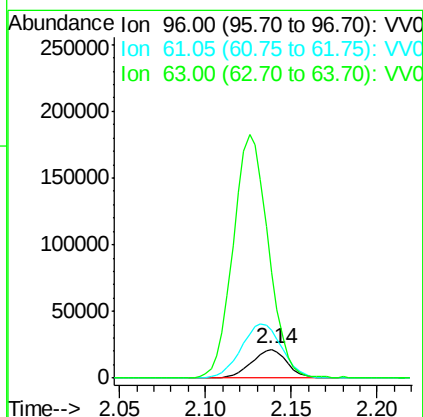
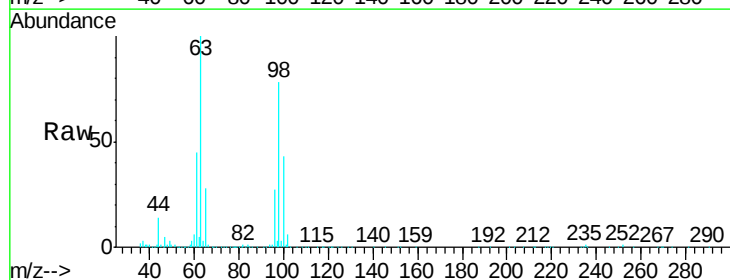
Tgt Ion: 96 Resp: 31137

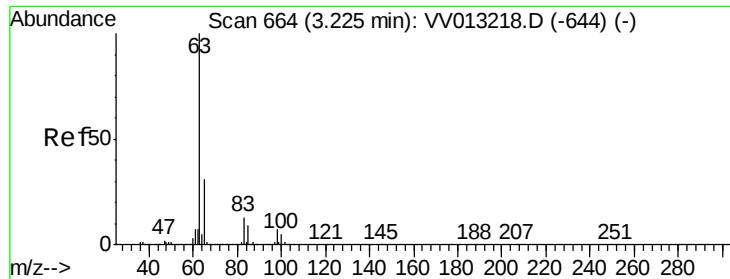
Ion Ratio Lower Upper

96 100

61 165.0 109.8 204.0

63 366.5 72.6 134.8#





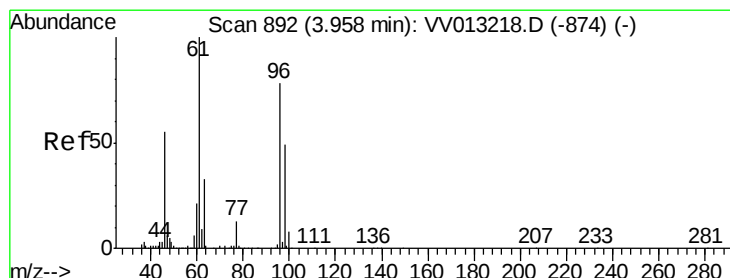
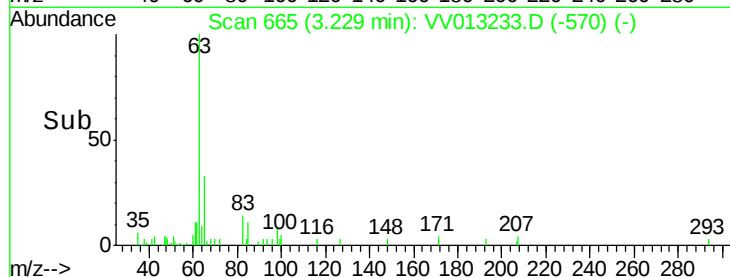
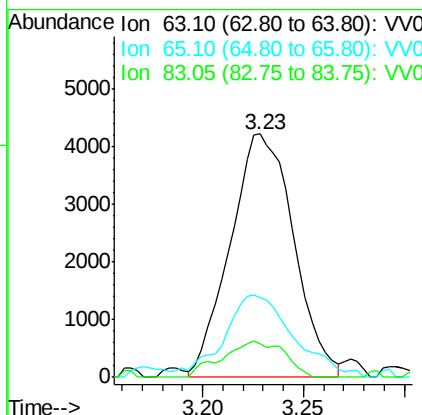
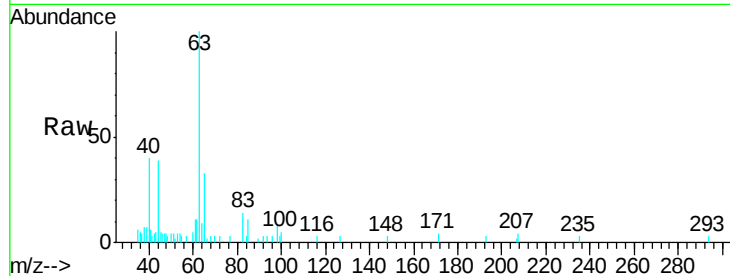
#19
 1,1-Dichloroethane
 Concen: 0.123 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: VV013233.D
 Acq: 19 Oct 2019 04:53

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K22

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.5	41.7
83	13.7	9.5	17.7

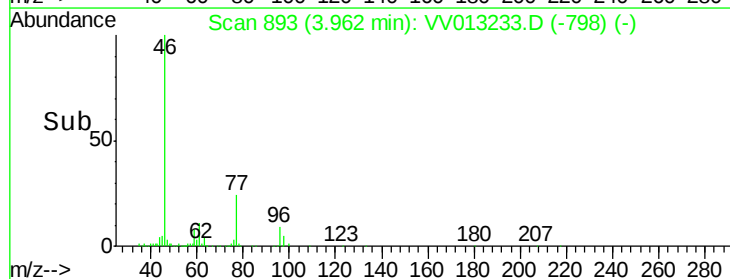
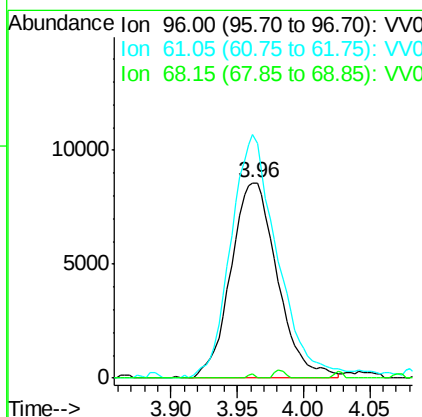
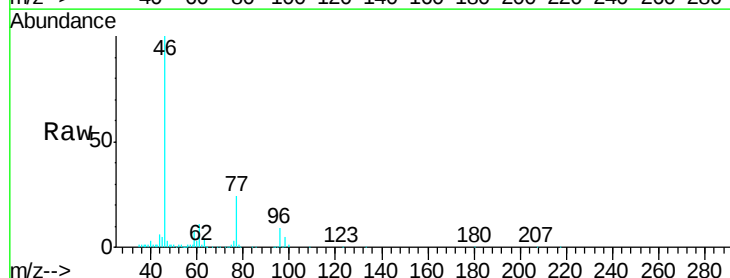
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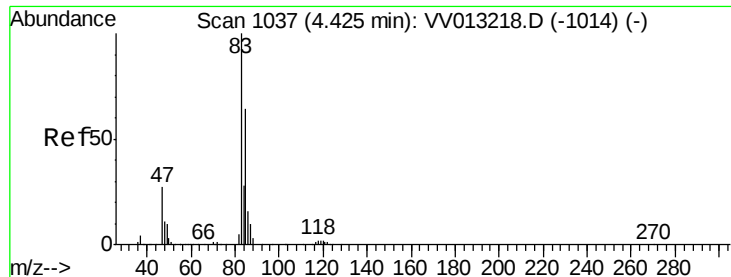
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#22
 cis-1,2-Dichloroethene
 Concen: 0.489 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VV013233.D
 Acq: 19 Oct 2019 04:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.8	90.6	168.2
68	2.1	0.1	0.1#





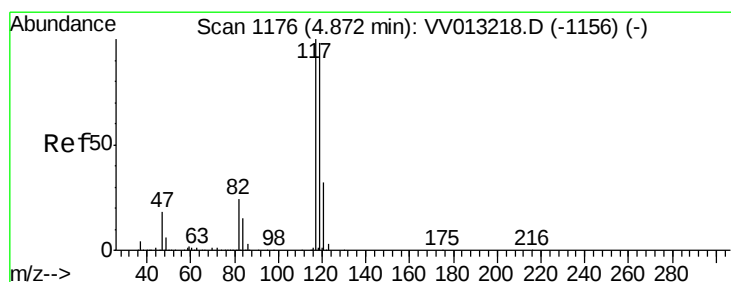
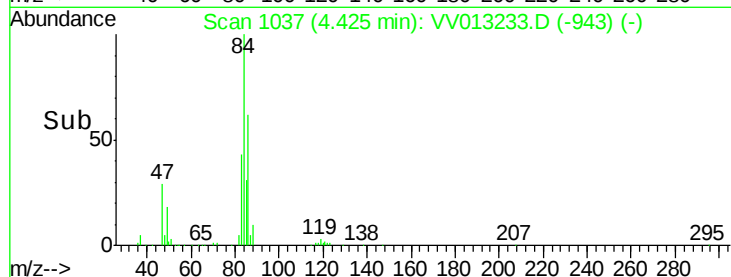
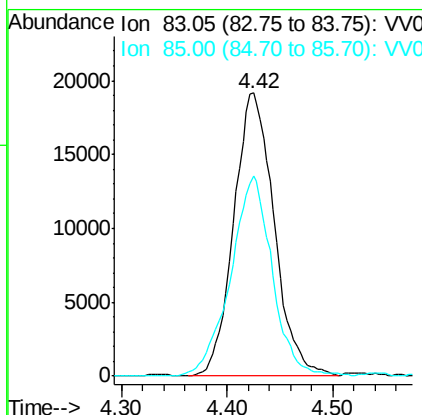
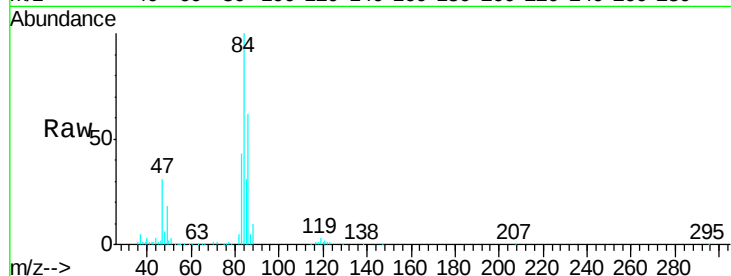
#25
Chloroform
Concen: 0.640 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013233.D
Acq: 19 Oct 2019 04:53

Instrument :
MSVOA_V
ClientSampleId :
C0K22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.8	45.5	84.5

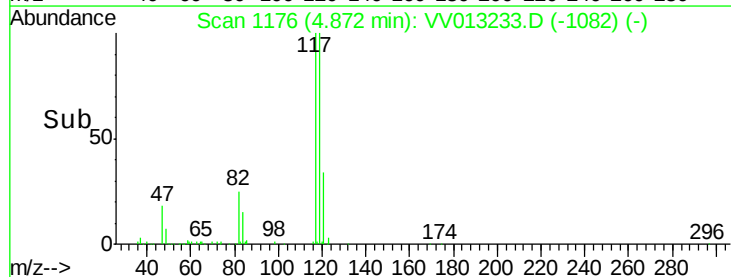
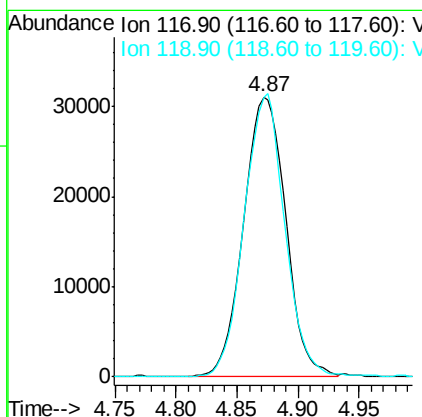
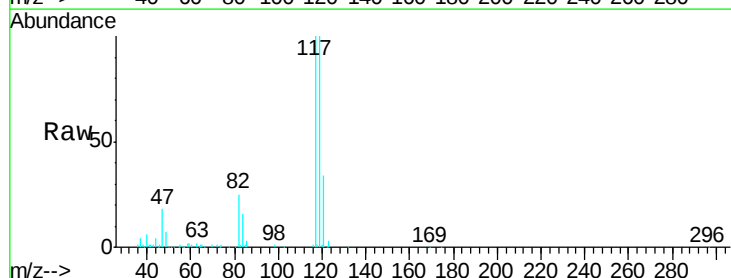
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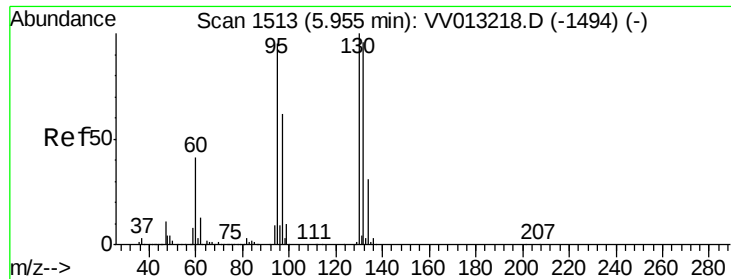
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#31
Carbon tetrachloride
Concen: 1.254 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VV013233.D
Acq: 19 Oct 2019 04:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.9	116.9





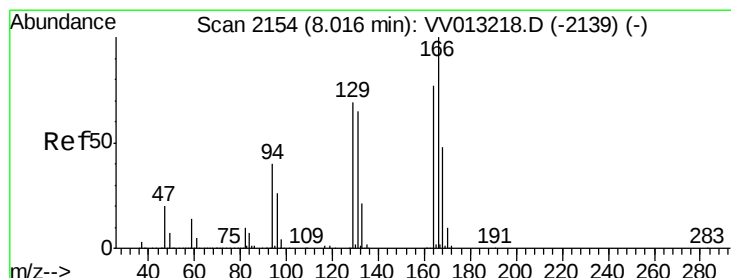
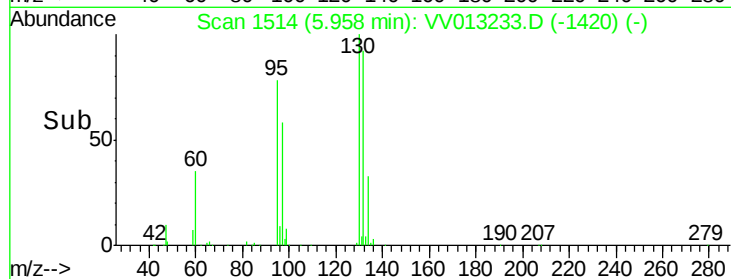
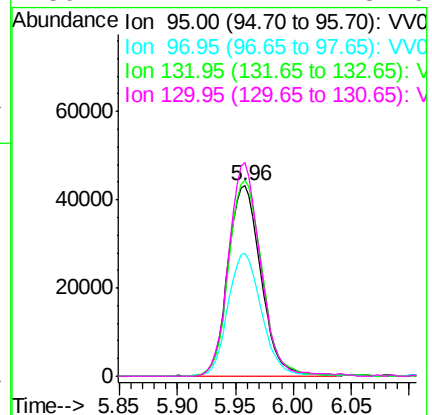
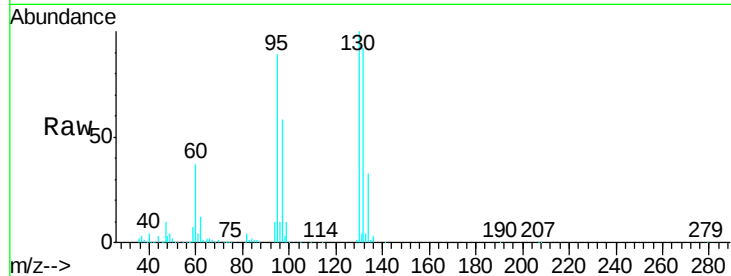
#34
 Trichloroethene
 Concen: 1.882 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV013233.D
 Acq: 19 Oct 2019 04:53

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K22

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	85204		
97	64.8	44.7	82.9	
132	103.0	68.9	127.9	
130	112.2	72.7	134.9	

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#47
 Tetrachloroethene
 Concen: 1.263 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV013233.D
 Acq: 19 Oct 2019 04:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49974		
129	84.4	62.2	115.4	
131	83.8	59.9	111.3	
166	130.7	91.1	169.1	

