

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013209.D
 Acq On : 18 Oct 2019 18:23
 Operator : SY/MD
 Sample : K5321-11MS
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA6MS

Manual Integrations
 APPROVED

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 11/1/2019 8:08:04 AM

Quant Time: Nov 01 02:54:42 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	447586	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	475477	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	233997	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	210550	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	174015	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	311339	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.60%
20) 2-Butanone-d5	3.98	46	444264	46.98	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.96%
24) Chloroform-d	4.40	84	409843	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.08	65	202702	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.09	84	851048	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.11	67	262679	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	714074	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.66	79	90717	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.14	63	355335	45.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	179444	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	265711	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.14	96	126291	3.513	ug/L #	83
13) Acetone	2.25	43	10138m	2.189	ug/L	
33) Benzene	5.14	78	731771	3.822	ug/L	100
34) Trichloroethene	5.96	95	182597	3.677	ug/L	99
38) Bromodichloromethane	6.56	83	7894	0.132	ug/L #	95
42) Toluene	7.43	91	762737	3.875	ug/L	99
47) Tetrachloroethene	8.02	164	229491	5.285	ug/L	96
51) Chlorobenzene	8.92	112	532748	4.210	ug/L	99

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

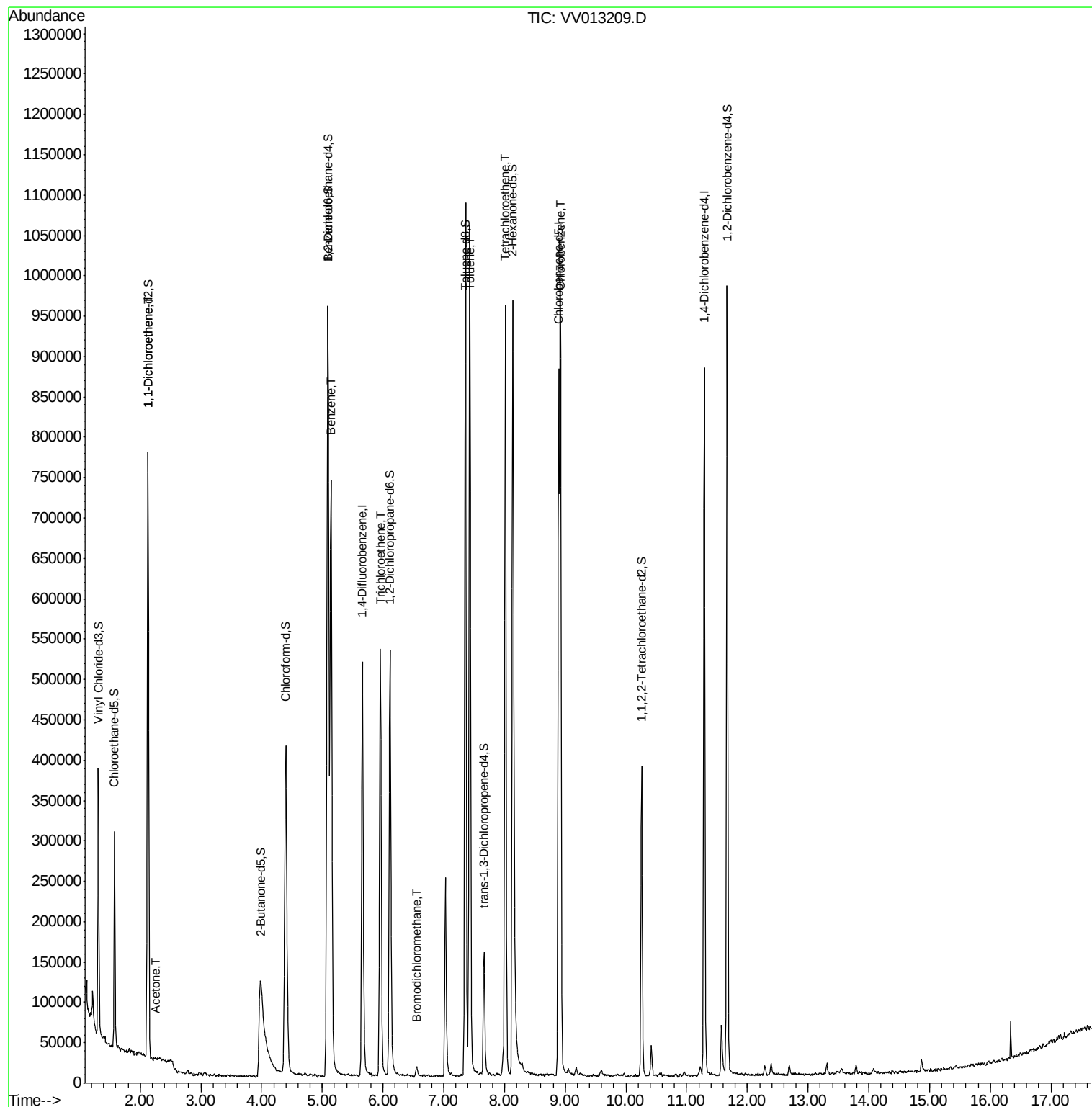
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
Data File : VV013209.D
Acq On : 18 Oct 2019 18:23
Operator : SY/MD
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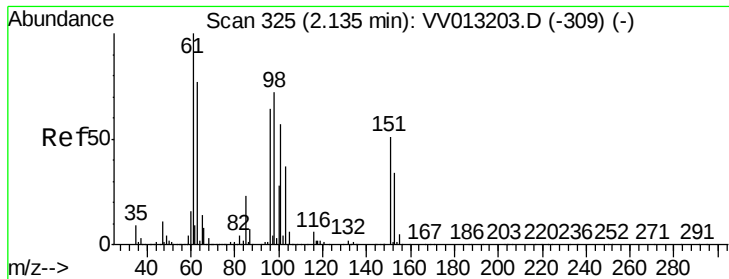
Instrument :
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Quant Time: Nov 01 02:54:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 02:14:39 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.513 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV013209.D

Acq: 18 Oct 2019 18:23

Instrument :

MSVOA_V

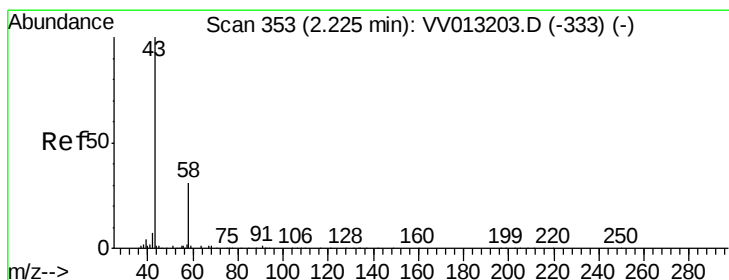
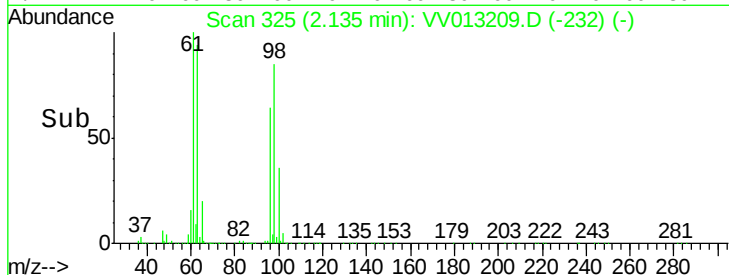
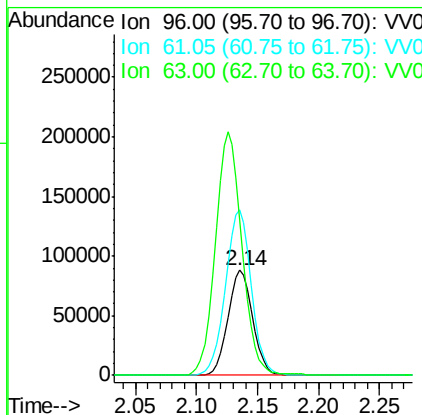
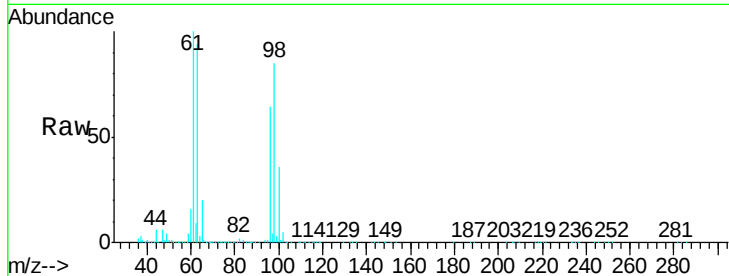
ClientSampleId :

E0AA6MS

Tgt Ion:	96	Resp:	126291
Ion Ratio	Lower	Upper	
96	100		
61	157.0	109.8	204.0
63	147.6	72.6	134.8#

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#13

Acetone

Concen: 2.189 ug/L m

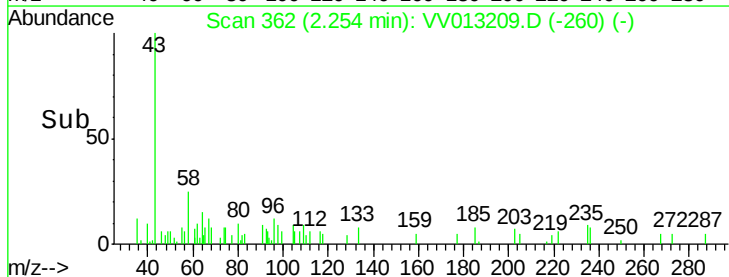
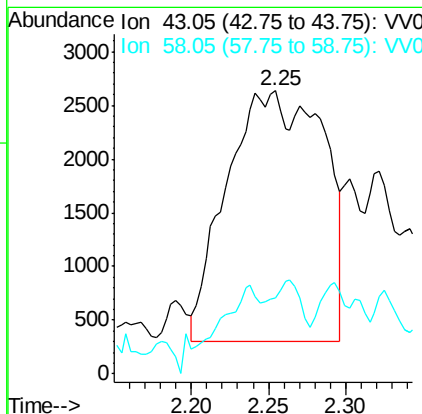
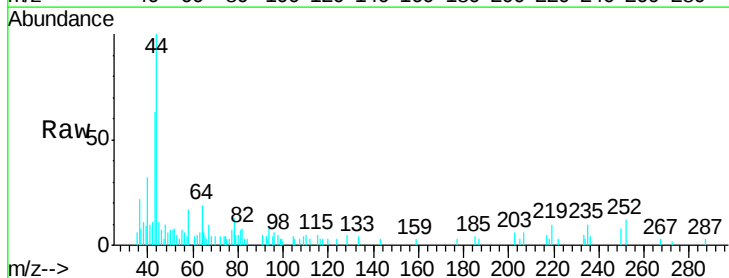
RT: 2.25 min Scan# 362

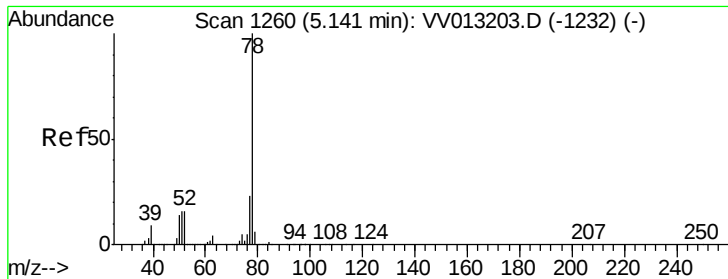
Delta R.T. 0.03 min

Lab File: VV013209.D

Acq: 18 Oct 2019 18:23

Tgt Ion:	43	Resp:	10138
Ion Ratio	Lower	Upper	
43	100		
58	7.7	0.0	52.4





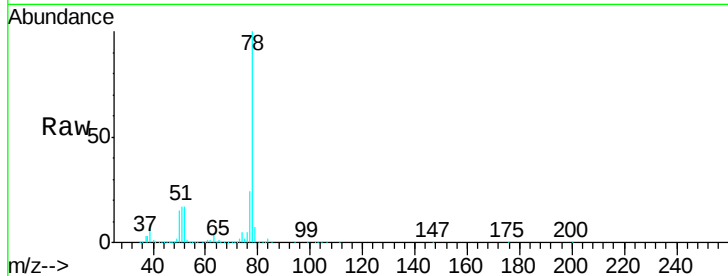
#33
Benzene
Concen: 3.822 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013209.D
Acq: 18 Oct 2019 18:23

Instrument :
MSVOA_V
ClientSampleId :
E0AA6MS

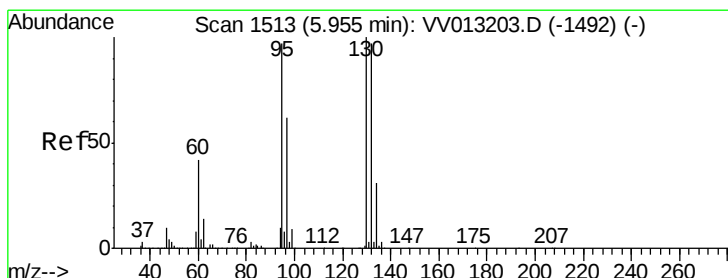
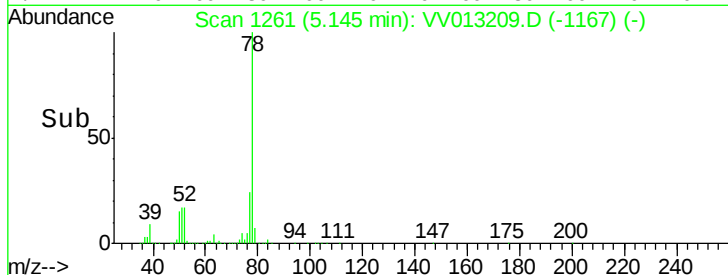
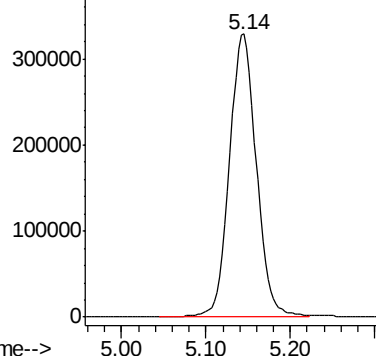
Tgt Ion: 78 Resp: 731771

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Abundance Ion 78.10 (77.80 to 78.80): VV0

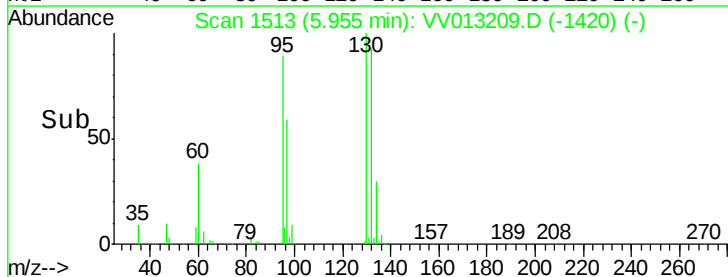
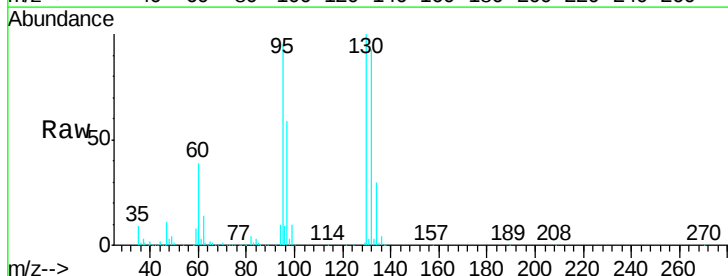
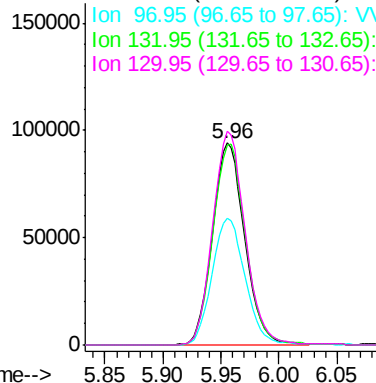


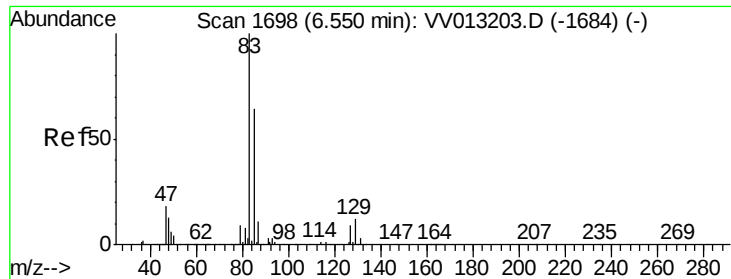
#34
Trichloroethene
Concen: 3.677 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013209.D
Acq: 18 Oct 2019 18:23

Tgt Ion: 95 Resp: 182597

Ion	Ratio	Lower	Upper
95	100		
97	62.5	44.7	82.9
132	98.7	68.9	127.9
130	105.7	72.7	134.9

Abundance Ion 95.00 (94.70 to 95.70): VV0





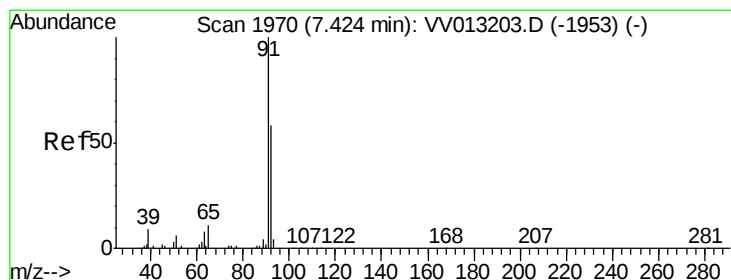
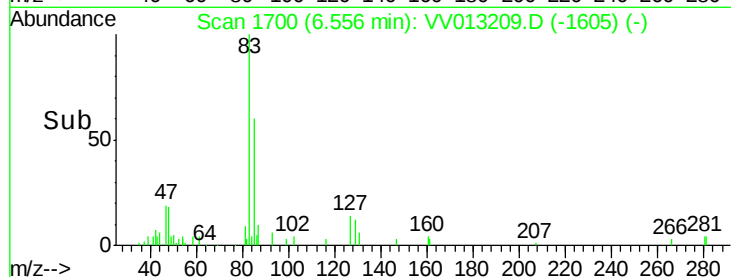
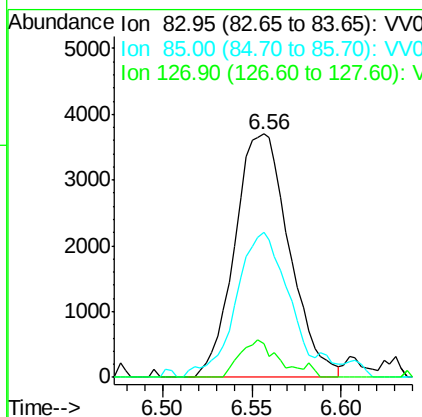
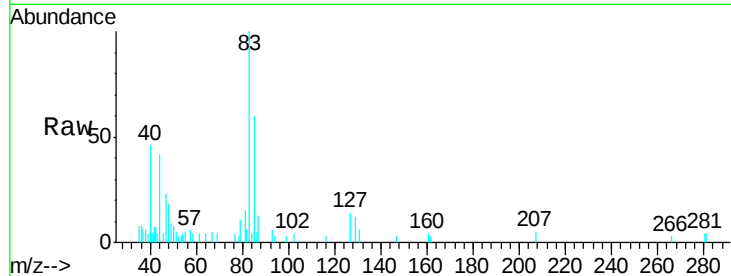
#38
 Bromodichloromethane
 Concen: 0.132 ug/L
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.01 min
 Lab File: VV013209.D
 Acq: 18 Oct 2019 18:23

Instrument :
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Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.8	44.0	81.6
127	13.9	7.0	10.6

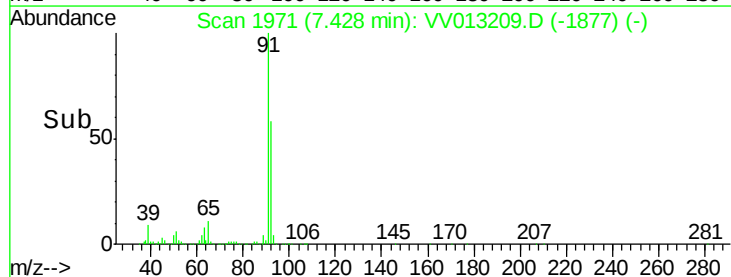
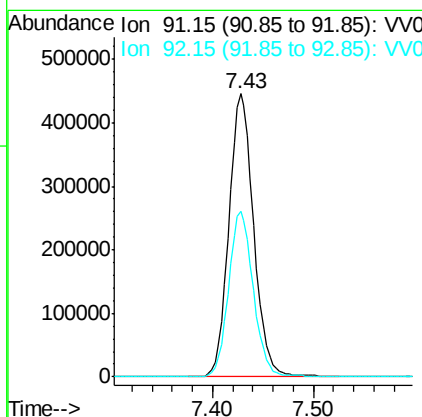
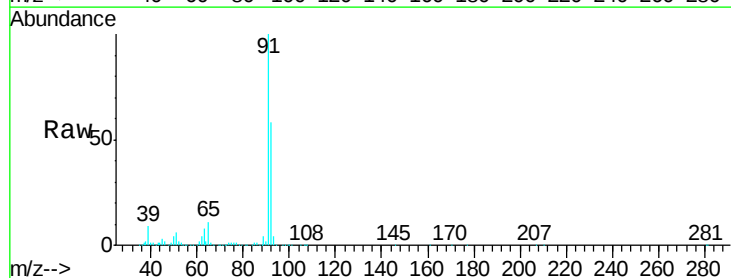
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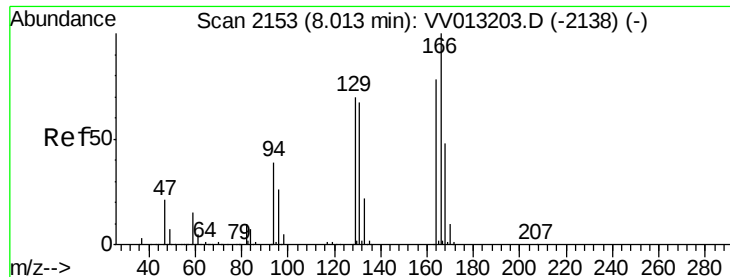
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#42
 Toluene
 Concen: 3.875 ug/L
 RT: 7.43 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: VV013209.D
 Acq: 18 Oct 2019 18:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.4	41.2	76.4





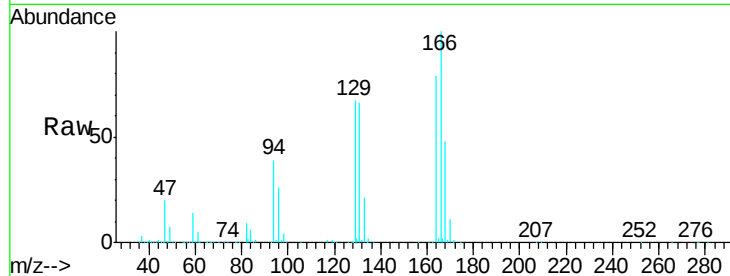
#47
Tetrachloroethene
Concen: 5.285 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013209.D
Acq: 18 Oct 2019 18:23

Instrument :
MSVOA_V
ClientSampleId :
E0AA6MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	229491		
129	84.1	62.2	115.4	
131	82.7	59.9	111.3	
166	126.0	91.1	169.1	

Manual Integrations
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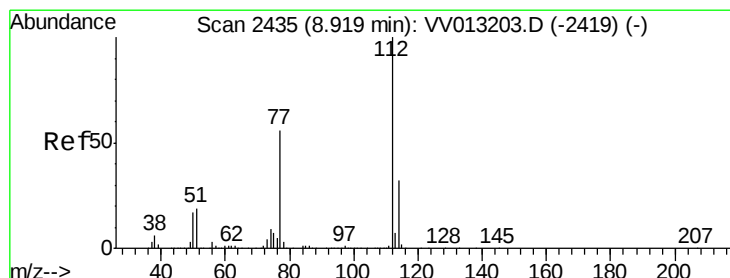
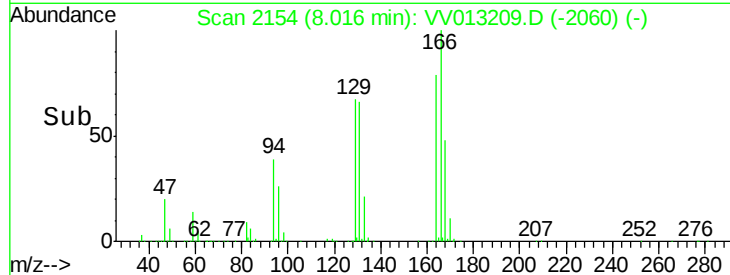
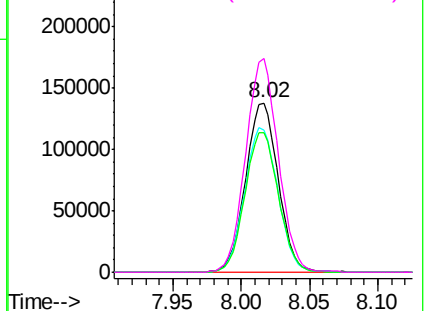


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

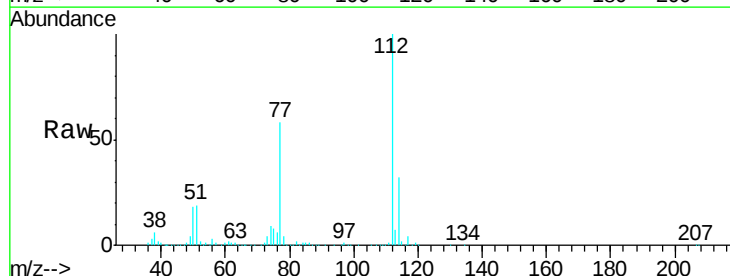
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51
Chlorobenzene
Concen: 4.210 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV013209.D
Acq: 18 Oct 2019 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	532748		
114	32.1	22.6	42.0	
77	58.0	47.5	71.3	



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

