

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013210.D
 Acq On : 18 Oct 2019 18:47
 Operator : SY/MD
 Sample : K5321-12MSD
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA6MSD

Manual Integrations
 APPROVED

MMDadoda
 11/1/2019 8:08:08 AM

Quant Time: Nov 01 02:58:31 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	458294	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	485839	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	241686	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	221775	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.58	69	177837	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	323010	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.60%
20) 2-Butanone-d5	3.98	46	433430	44.76	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.52%
24) Chloroform-d	4.40	84	428051	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	209460	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.09	84	876608	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.11	67	272950	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	737056	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.66	79	90495	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.14	63	368254	46.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	184746	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	274061	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.14	96	126942	3.449 ug/L #	83
13) Acetone	2.26	43	13753m	2.901 ug/L	
33) Benzene	5.14	78	758249	3.876 ug/L	100
34) Trichloroethene	5.96	95	189654	3.737 ug/L	98
38) Bromodichloromethane	6.56	83	8159	0.134 ug/L #	86
42) Toluene	7.43	91	790340	3.930 ug/L	99
47) Tetrachloroethene	8.02	164	229339	5.169 ug/L	98
51) Chlorobenzene	8.92	112	550582	4.258 ug/L	98

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

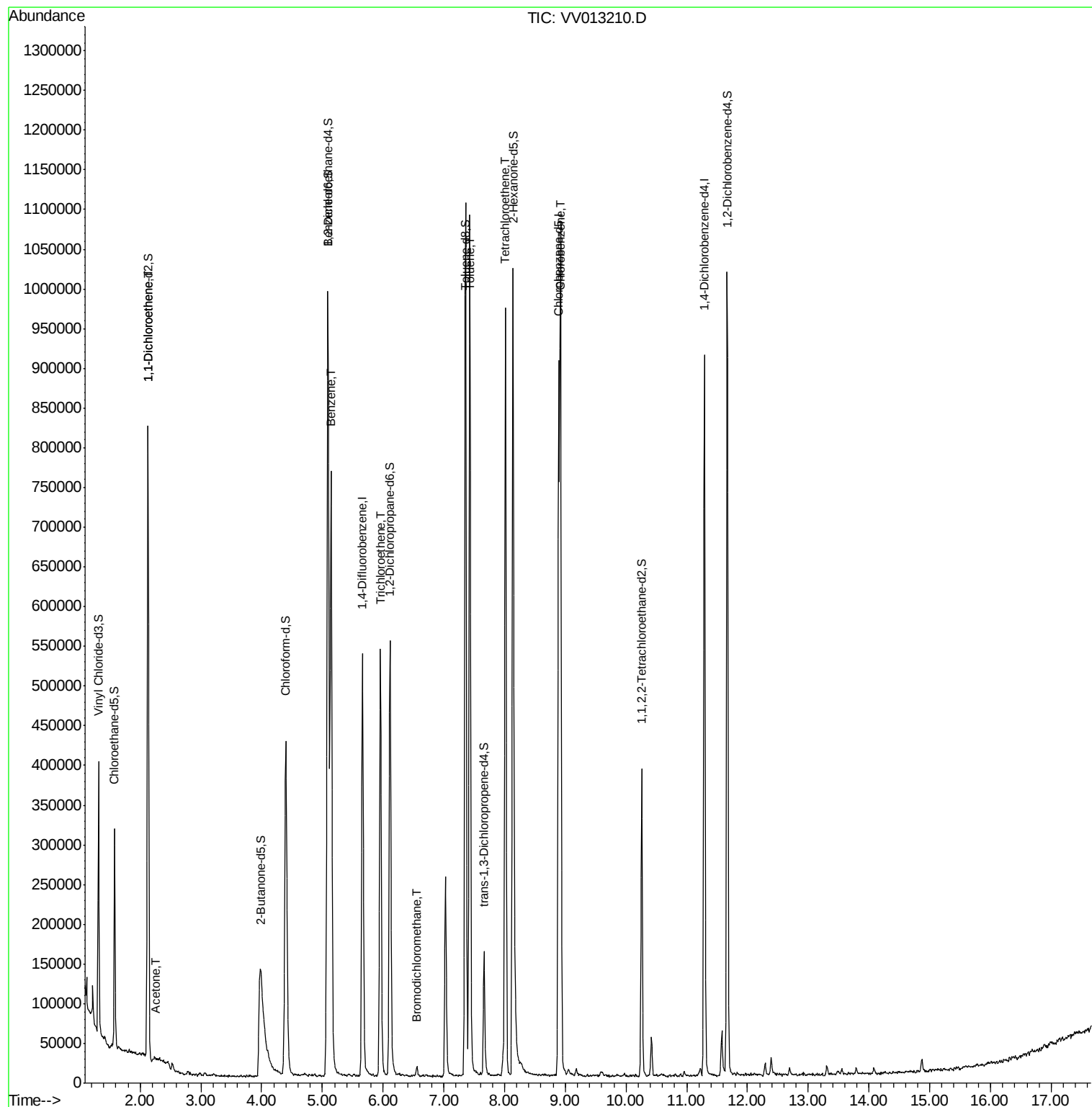
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
Data File : VV013210.D
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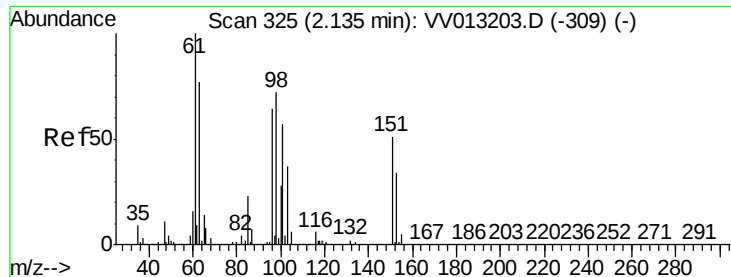
Instrument :
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Quant Title : TRACE VOA SOM01.0
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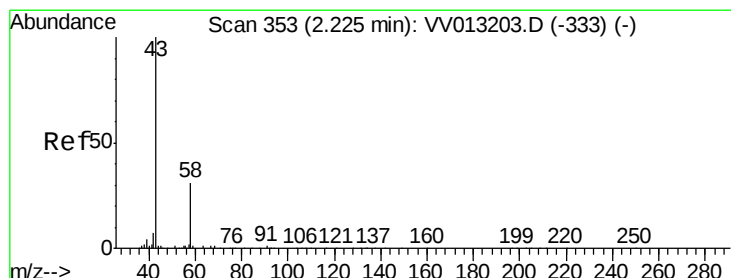
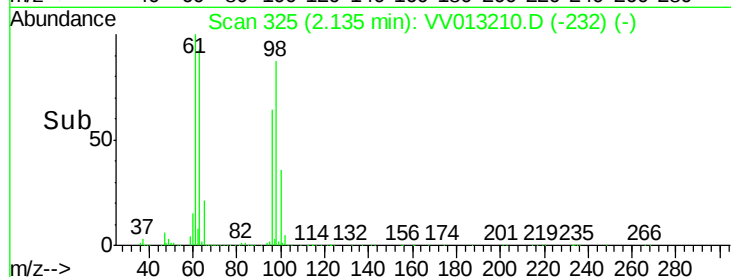
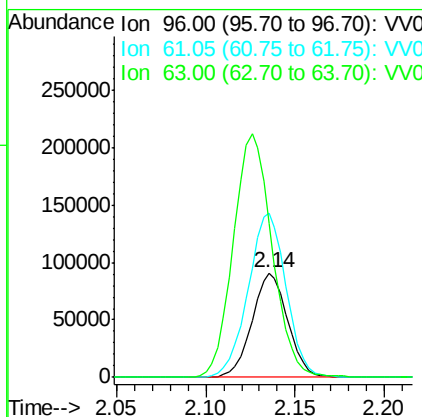
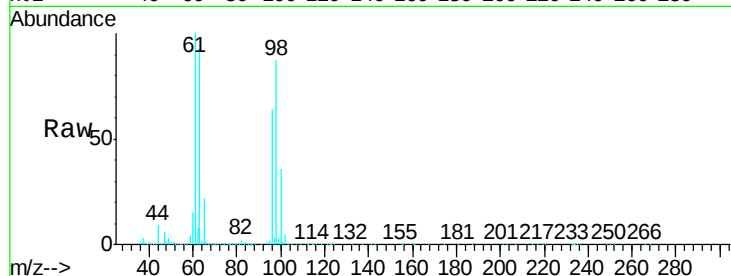
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 1,1-Dichloroethene
 Concen: 3.449 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV013210.D
 Acq: 18 Oct 2019 18:47

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA6MSD

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.1	109.8	204.0
63	146.9	72.6	134.8

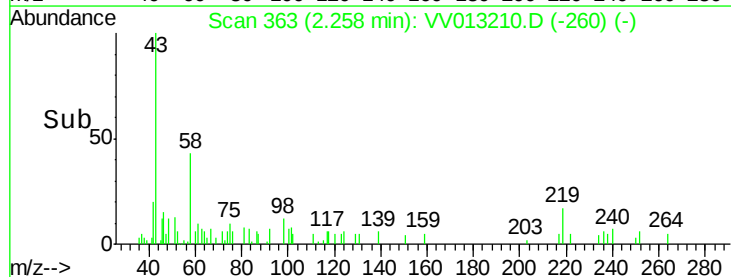
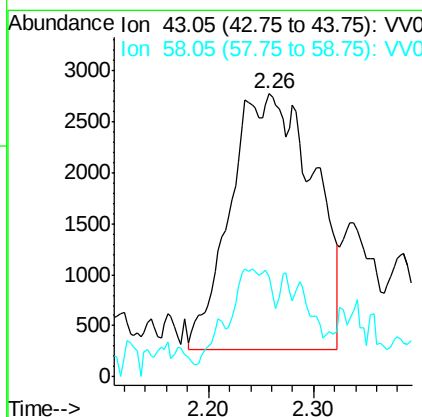
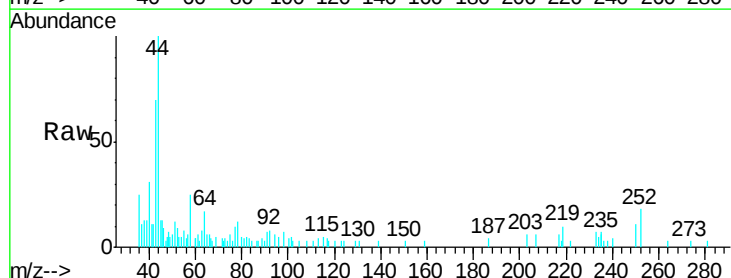
Manual Integrations
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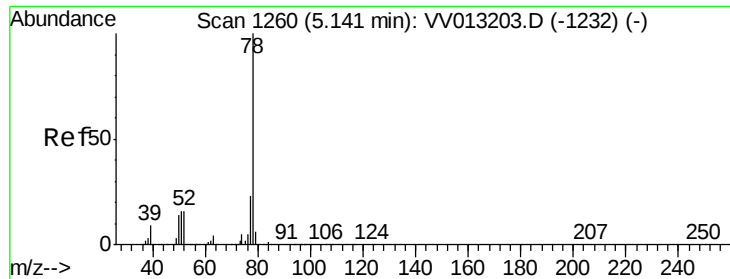
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#13
 Acetone
 Concen: 2.901 ug/L m
 RT: 2.26 min Scan# 363
 Delta R.T. 0.03 min
 Lab File: VV013210.D
 Acq: 18 Oct 2019 18:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	5.9	0.0	52.4





#33

Benzene

Concen: 3.876 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV013210.D

Acq: 18 Oct 2019 18:47

Instrument :

MSVOA_V

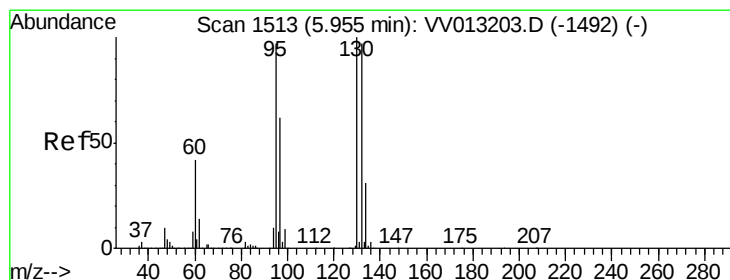
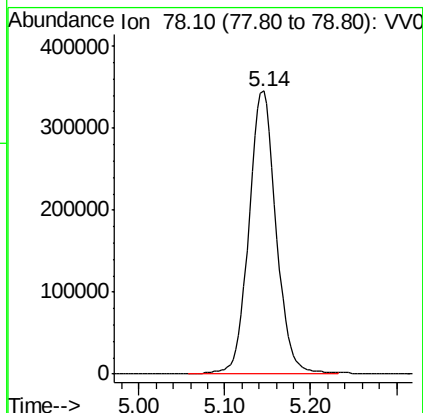
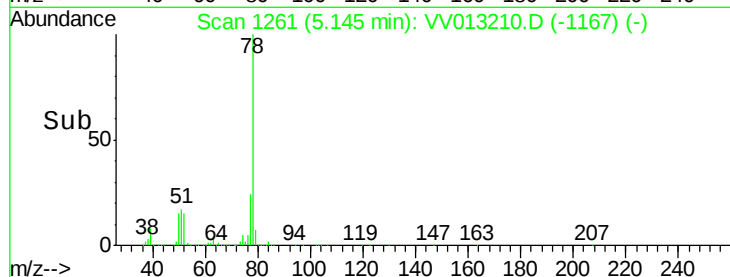
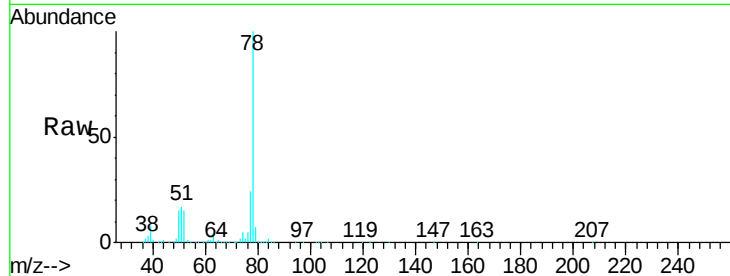
ClientSampleId :

E0AA6MSD

Tgt Ion: 78 Resp: 758249

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#34

Trichloroethene

Concen: 3.737 ug/L

RT: 5.96 min Scan# 1513

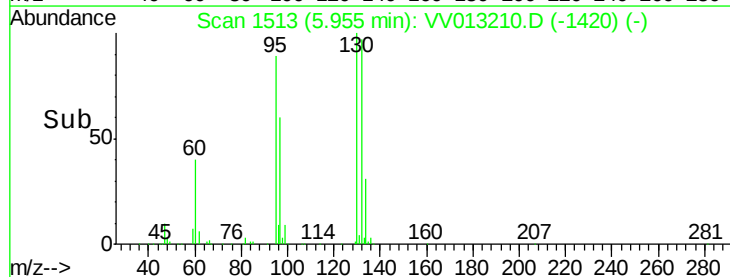
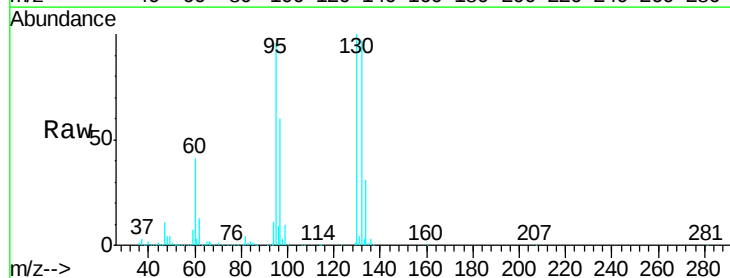
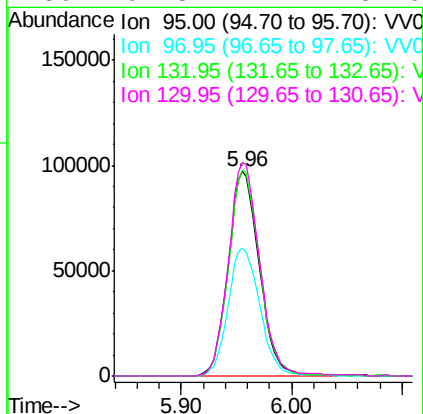
Delta R.T. 0.00 min

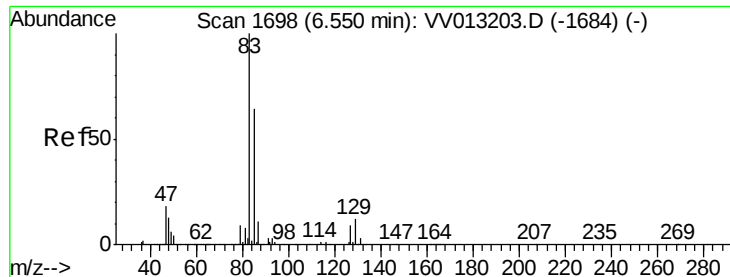
Lab File: VV013210.D

Acq: 18 Oct 2019 18:47

Tgt Ion: 95 Resp: 189654

Ion	Ratio	Lower	Upper
95	100		
97	62.3	44.7	82.9
132	100.8	68.9	127.9
130	104.3	72.7	134.9





#38

Bromodichloromethane

Concen: 0.134 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.01 min

Lab File: VV013210.D

Acq: 18 Oct 2019 18:47

Instrument :

MSVOA_V

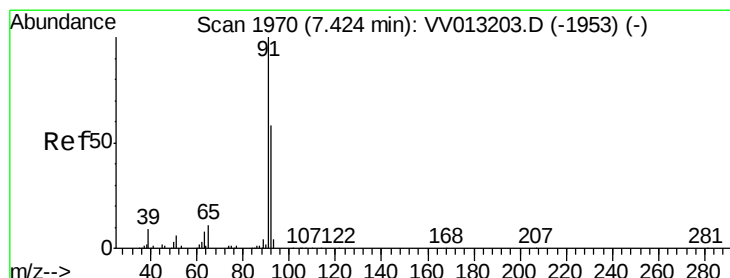
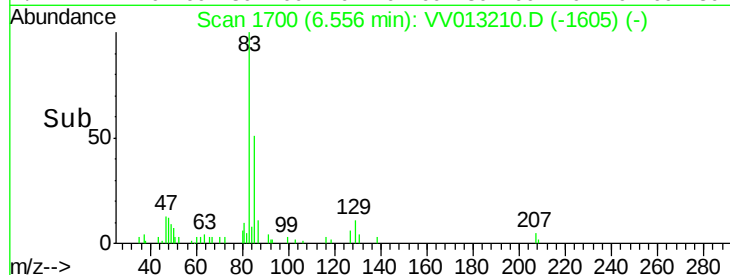
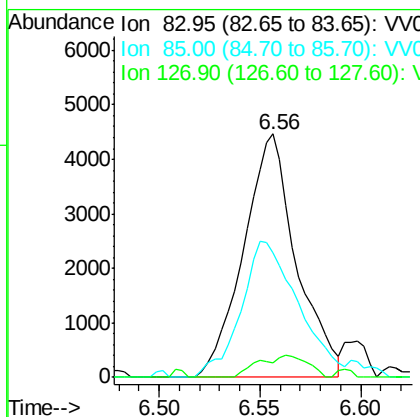
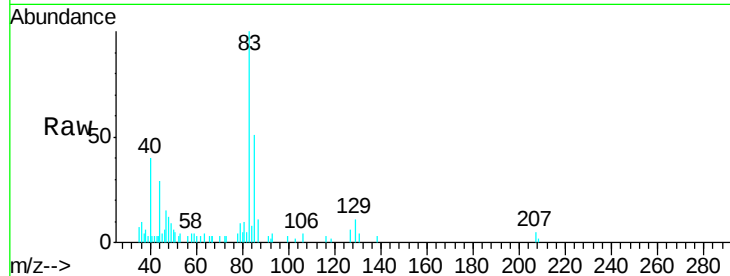
ClientSampleId :

E0AA6MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
85	51.3	44.0	81.6
127	6.2	7.0	10.6

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#42

Toluene

Concen: 3.930 ug/L

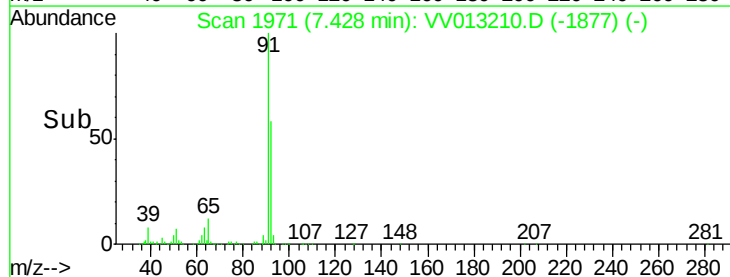
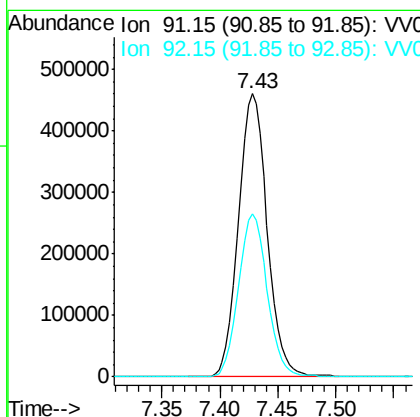
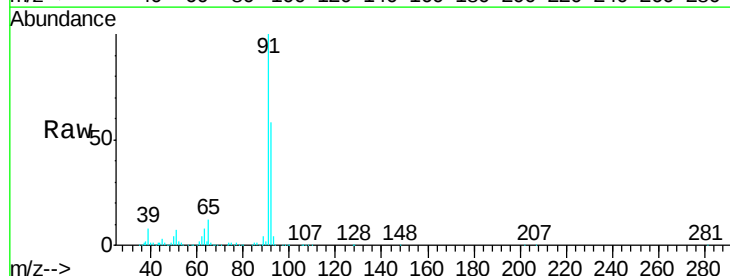
RT: 7.43 min Scan# 1971

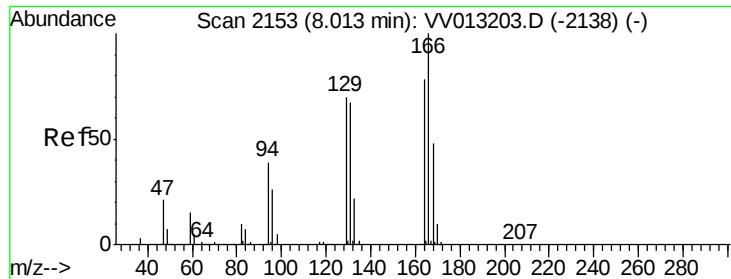
Delta R.T. 0.00 min

Lab File: VV013210.D

Acq: 18 Oct 2019 18:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.7	41.2	76.4





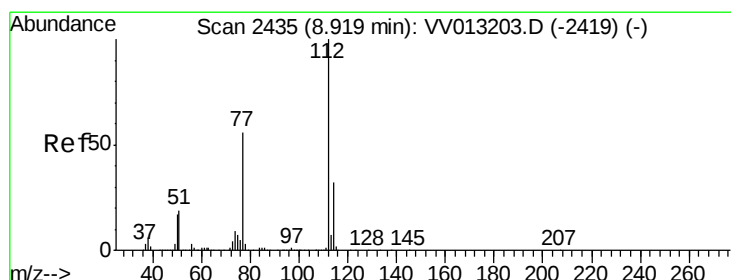
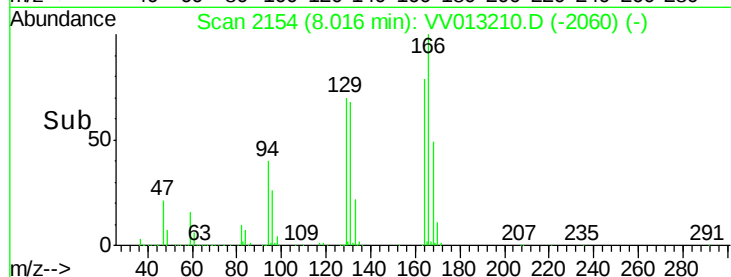
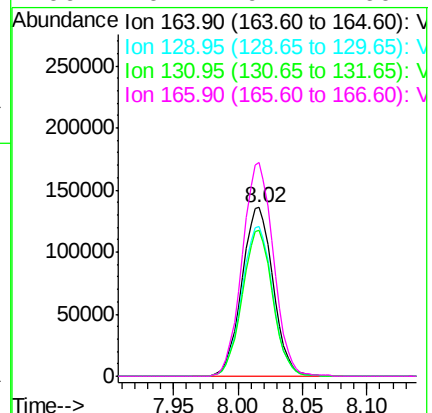
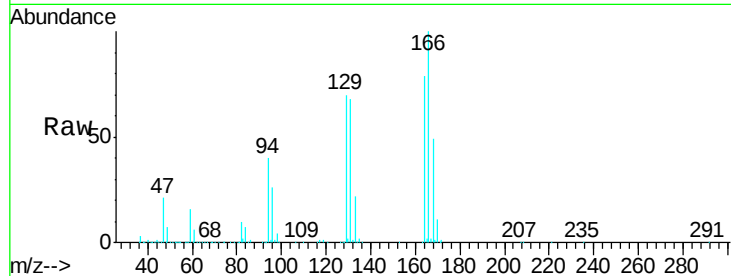
#47
Tetrachloroethene
Concen: 5.169 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
E0AA6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	229339		
129	88.6	62.2	115.4	
131	86.0	59.9	111.3	
166	126.4	91.1	169.1	

Manual Integrations
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#51
Chlorobenzene
Concen: 4.258 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV013210.D
Acq: 18 Oct 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	550582		
114	31.8	22.6	42.0	
77	57.4	47.5	71.3	

