

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111519\
 Data File : VV013645.D
 Acq On : 15 Nov 2019 18:23
 Operator : SY/MD
 Sample : K5856-02MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQG0MS

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 9:32:33 AM

Quant Time: Nov 16 00:28:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 23:49:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	342994	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	338437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149056	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106929	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.58	69	94978	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.13	63	203410	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.20%
20) 2-Butanone-d5	3.93	46	268100	54.72	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.44%
24) Chloroform-d	4.39	84	229619	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	116850	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.09	84	467249	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.11	67	142222	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.36	98	394891	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.66	79	48931	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.13	63	197818	48.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	94838	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	155116	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	108204	5.280	ug/L	87
13) Acetone	2.20	43	5056m	1.636	ug/L	
22) cis-1,2-Dichloroethene	3.96	96	27442	1.046	ug/L #	89
33) Benzene	5.14	78	509148	4.970	ug/L	100
34) Trichloroethene	5.96	95	184653	6.735	ug/L	97
42) Toluene	7.43	91	518703	4.739	ug/L	99
47) Tetrachloroethene	8.02	164	3929	0.155	ug/L	82
51) Chlorobenzene	8.92	112	345004	4.754	ug/L	98

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

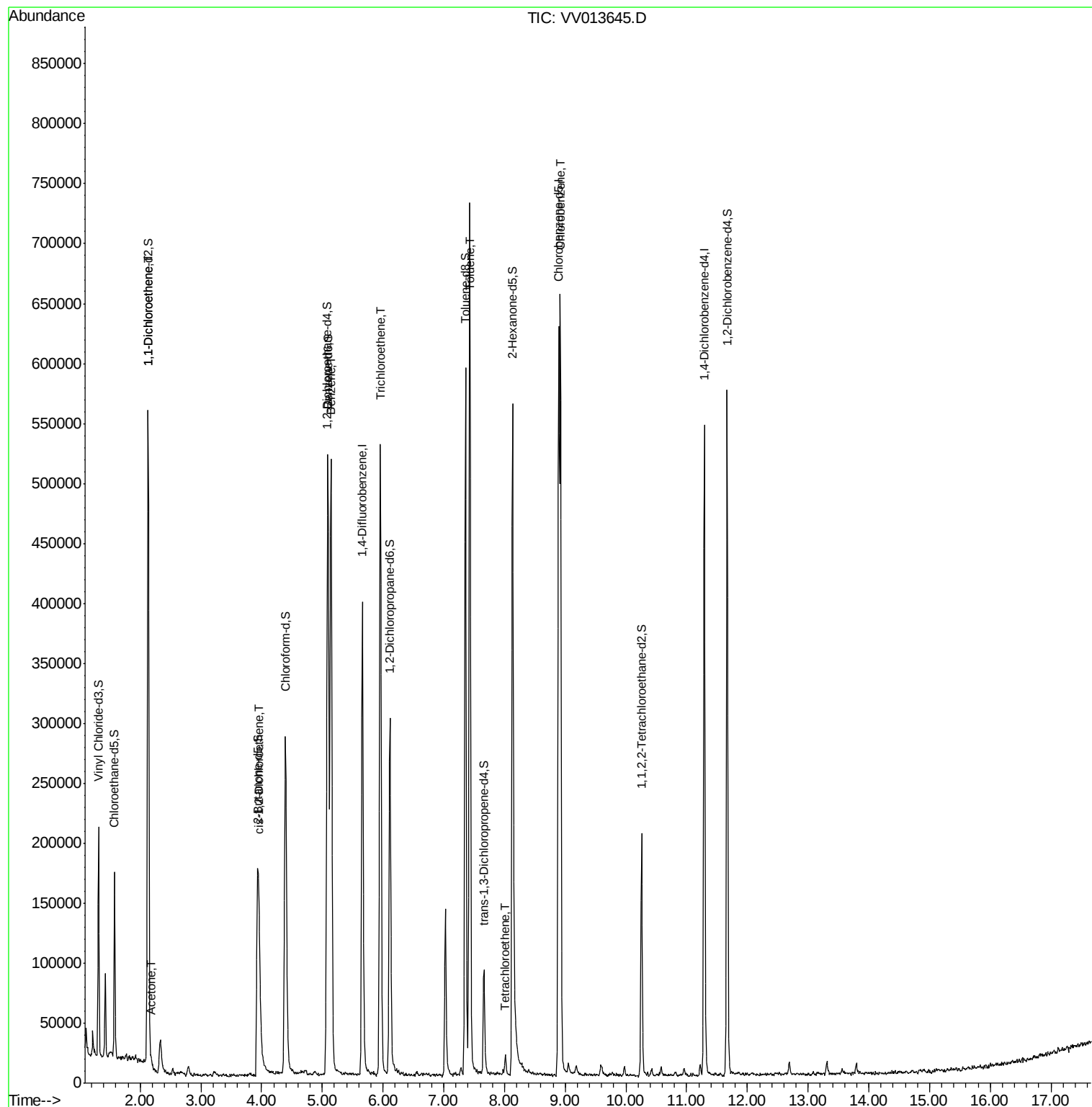
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV111519\
Data File : VV013645.D
Acq On : 15 Nov 2019 18:23
Operator : SY/MD
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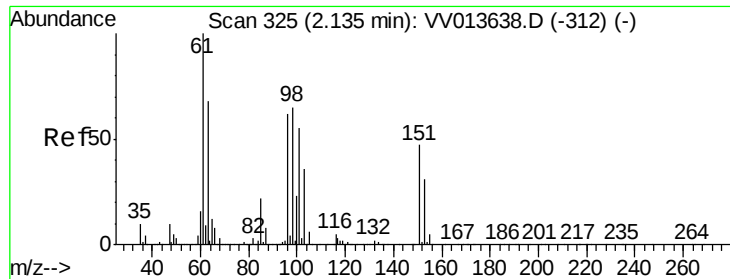
Instrument :
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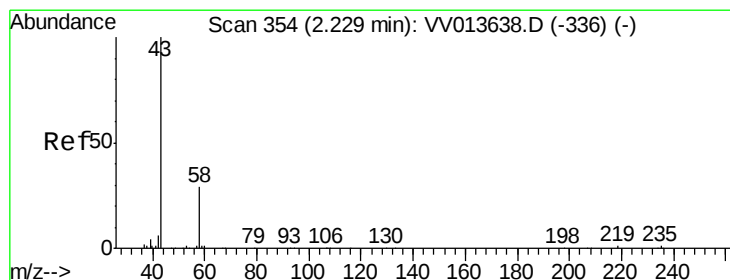
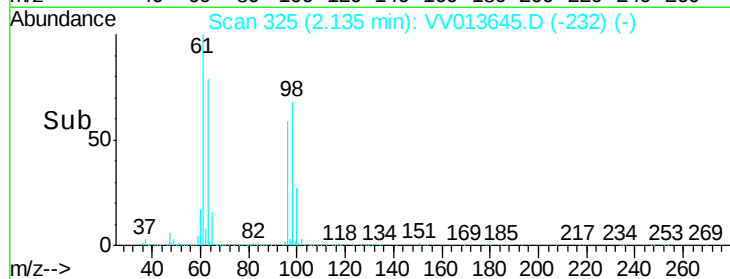
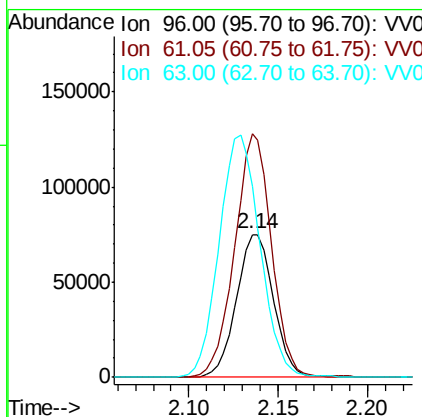
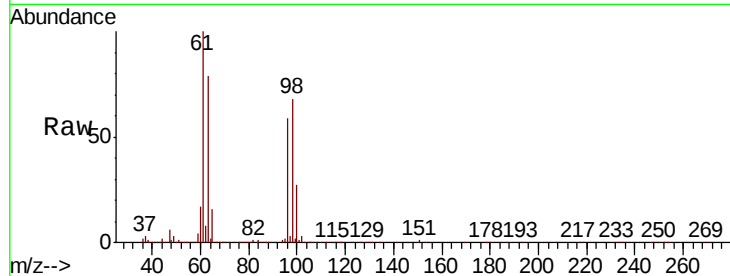
#12
 1,1-Dichloroethene
 Concen: 5.280 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV013645.D
 Acq: 15 Nov 2019 18:23

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQG0MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	170.2	112.5	208.9
63	133.7	76.9	142.7

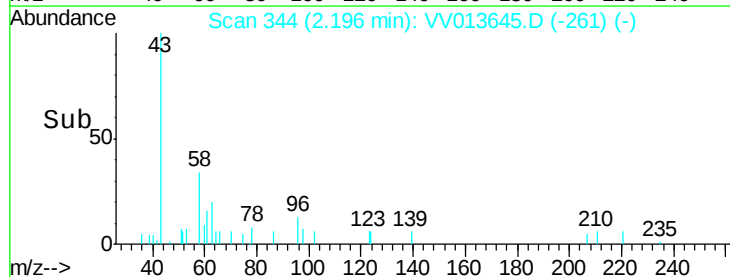
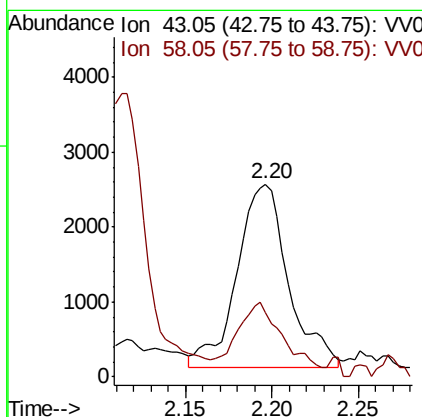
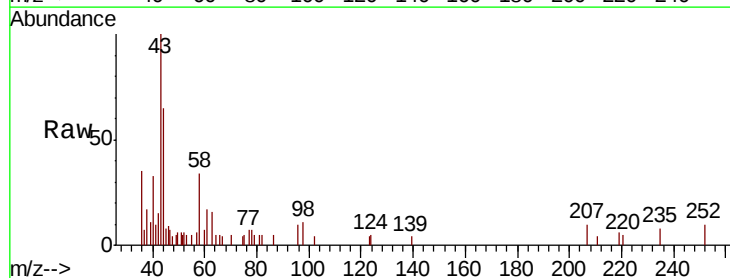
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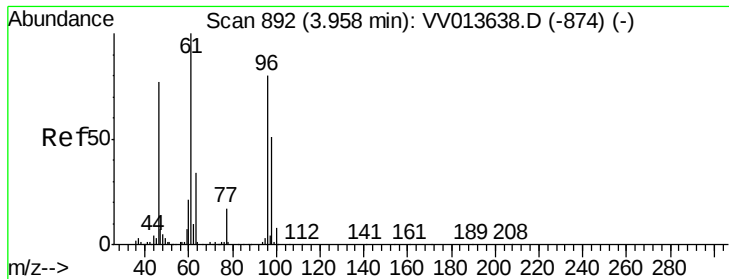
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#13
 Acetone
 Concen: 1.636 ug/L m
 RT: 2.20 min Scan# 344
 Delta R.T. -0.03 min
 Lab File: VV013645.D
 Acq: 15 Nov 2019 18:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	19.4	0.0	17.0#





#22

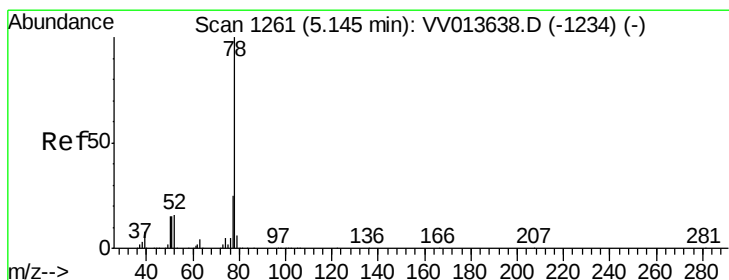
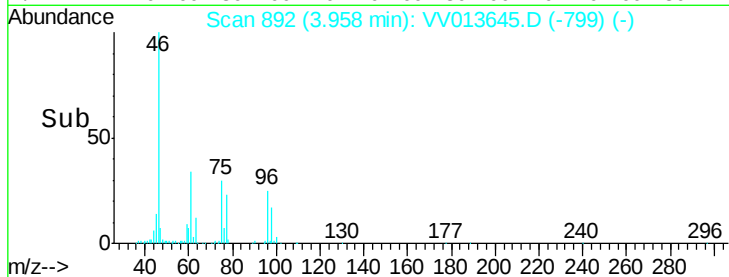
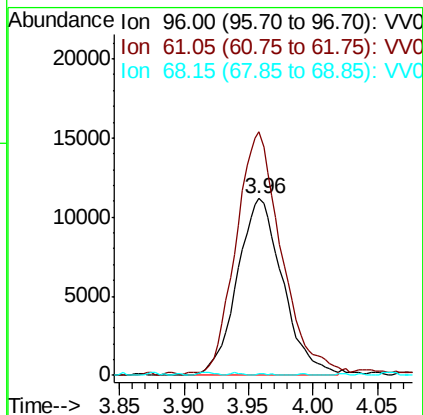
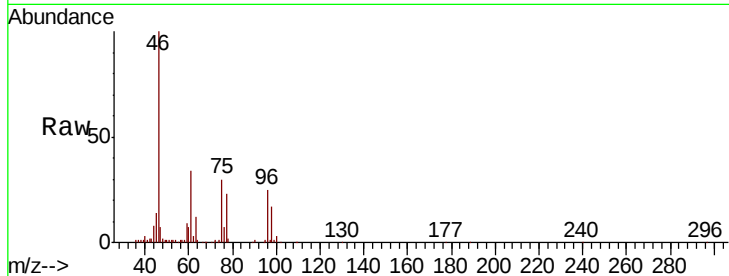
cis-1,2-Dichloroethene
 Concen: 1.046 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV013645.D
 Acq: 15 Nov 2019 18:23

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQG0MS

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	138.0	87.7	162.9	
68	1.0	0.1	0.3	

Manual Integrations
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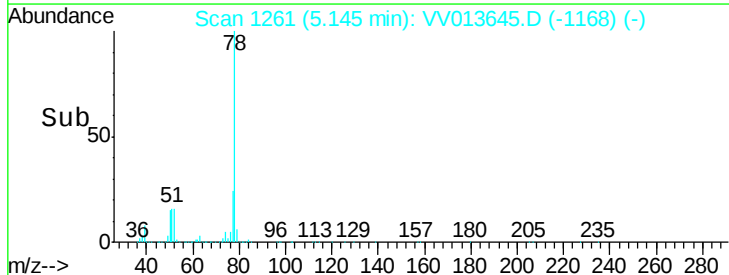
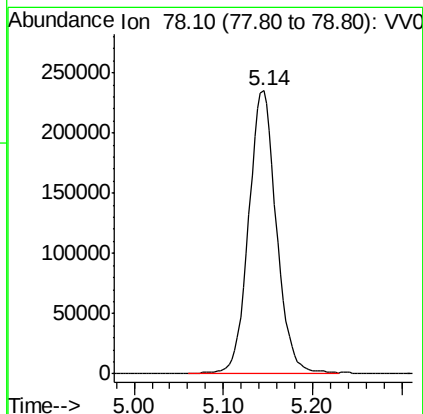
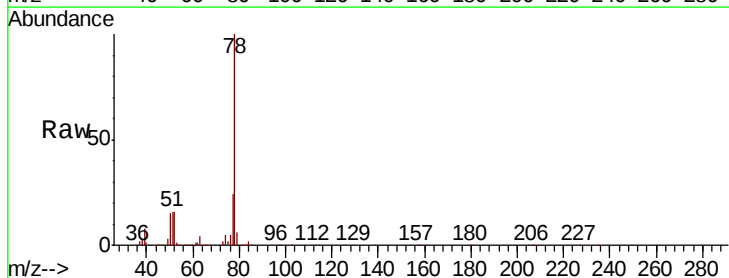
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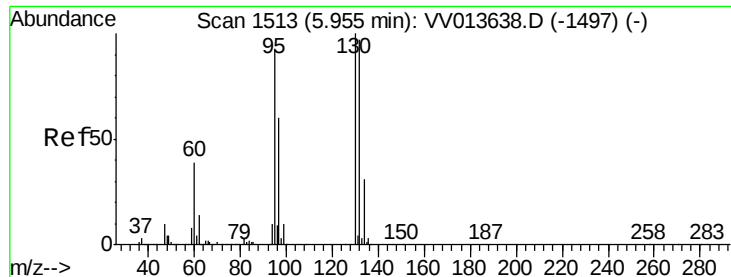


#33

Benzene
 Concen: 4.970 ug/L
 RT: 5.14 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VV013645.D
 Acq: 15 Nov 2019 18:23

Tgt Ion: 78 Resp: 509148





#34

Trichloroethene

Concen: 6.735 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV013645.D

Acq: 15 Nov 2019 18:23

Instrument :

MSVOA_V

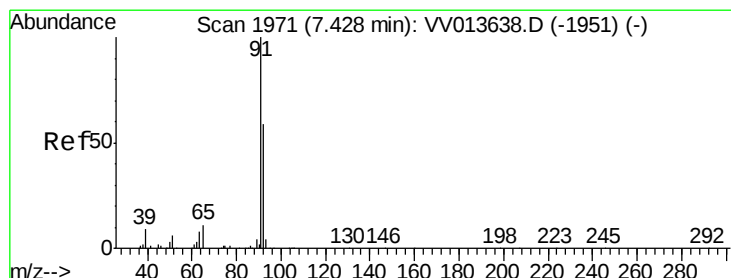
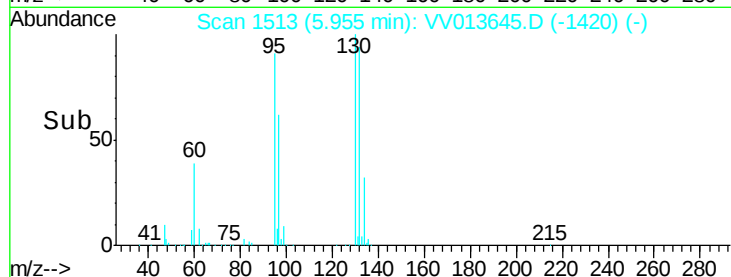
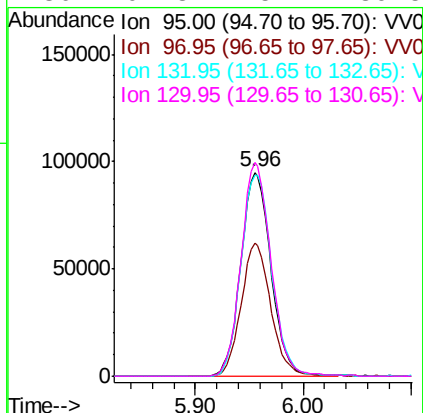
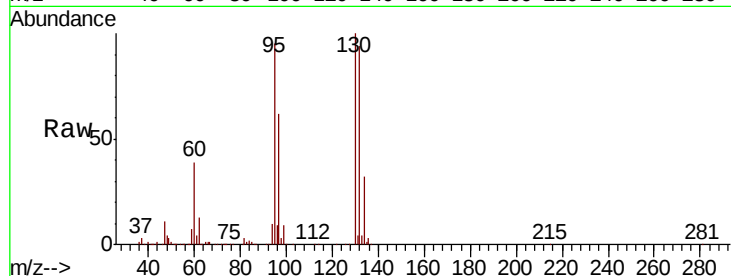
ClientSampleId :

GAQG0MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		184653		
97	65.4	44.8	83.2		
132	98.3	72.9	135.3		
130	104.8	75.1	139.5		

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#42

Toluene

Concen: 4.739 ug/L

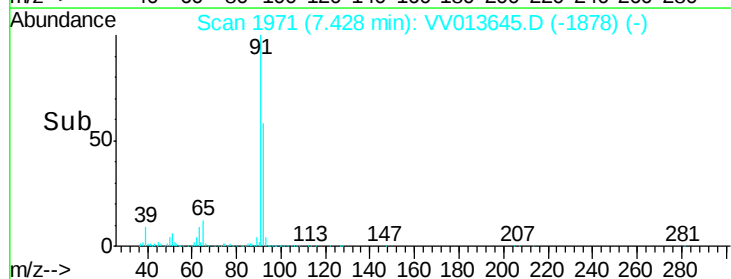
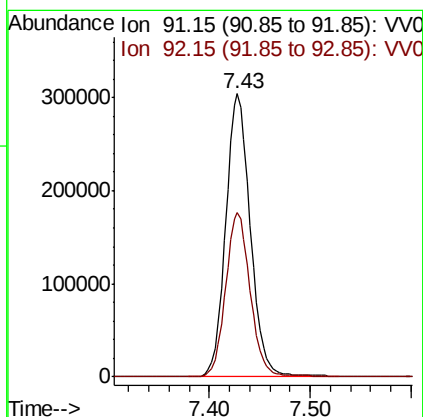
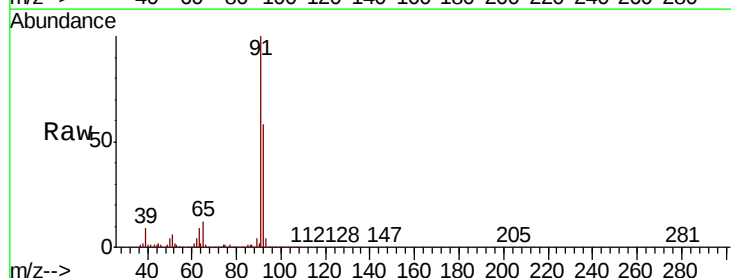
RT: 7.43 min Scan# 1971

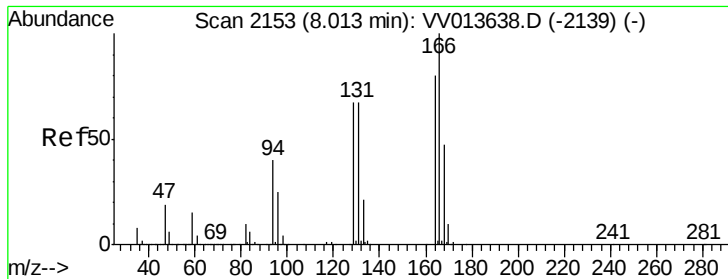
Delta R.T. -0.00 min

Lab File: VV013645.D

Acq: 15 Nov 2019 18:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		518703		
92	58.2	41.2	76.6		





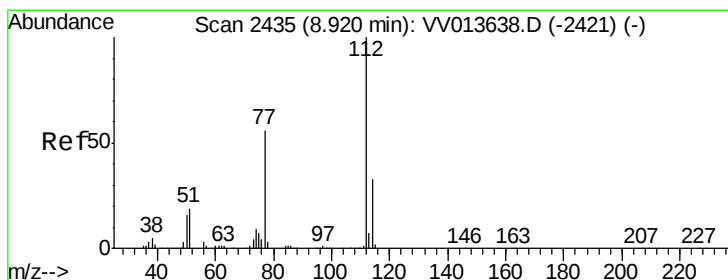
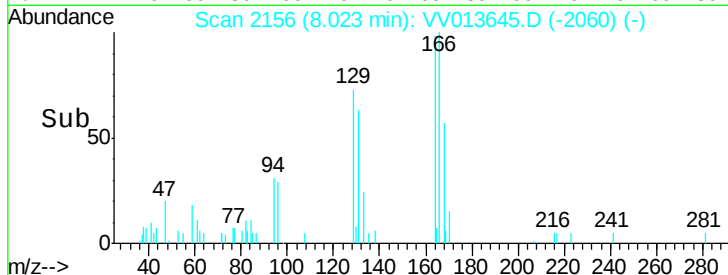
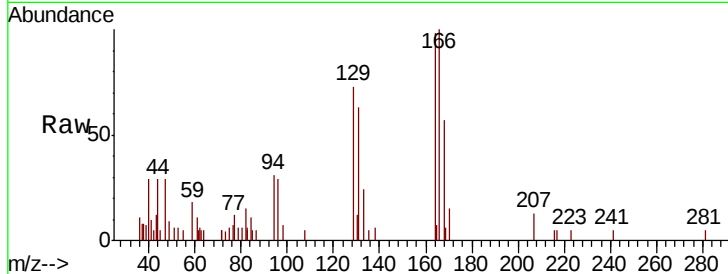
#47
Tetrachloroethene
Concen: 0.155 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.01 min
Lab File: VV013645.D
Acq: 15 Nov 2019 18:23

Instrument :
MSVOA_V
ClientSampleId :
GAQG0MS

Tot Ion	Ratio	Lower	Upper
164	100		
129	74.3	59.1	109.9
131	64.1	58.9	109.5
166	102.2	87.8	163.2

Manual Integrations
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#51
Chlorobenzene
Concen: 4.754 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VV013645.D
Acq: 15 Nov 2019 18:23

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.8	42.4
77	58.4	45.0	67.4

