

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013618.D
 Acq On : 14 Nov 2019 11:49
 Operator : SY/MD
 Sample : K5815-02MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5460MS

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 9:35:46 AM

Quant Time: Nov 15 03:04:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 02:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	289291	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	304835	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	123454	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104862	5.64	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.80%
7) Chloroethane-d5	1.58	69	86443	5.84	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.13	63	187574	5.90	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	118.00%
20) 2-Butanone-d5	3.96	46	258819	77.78	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	155.56%#
24) Chloroform-d	4.39	84	216409	6.79	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	135.80%#
26) 1,2-Dichloroethane-d4	5.08	65	112379	7.23	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	144.60%#
32) Benzene-d6	5.09	84	395903	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.11	67	127056	5.04	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	310616	4.17	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.66	79	47234	5.04	ug/L	-0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.14	63	183181	48.98	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89829	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	129971	5.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	107096	6.369	ug/L	87
13) Acetone	2.22	43	12106m	5.626	ug/L	
17) Methyl tert-butyl Ether	2.81	73	23342	0.593	ug/L	94
33) Benzene	5.14	78	499178	5.605	ug/L	100
34) Trichloroethene	5.96	95	120766	4.831	ug/L	94
42) Toluene	7.43	91	483043	4.994	ug/L	99
51) Chlorobenzene	8.92	112	341387	5.386	ug/L	99

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

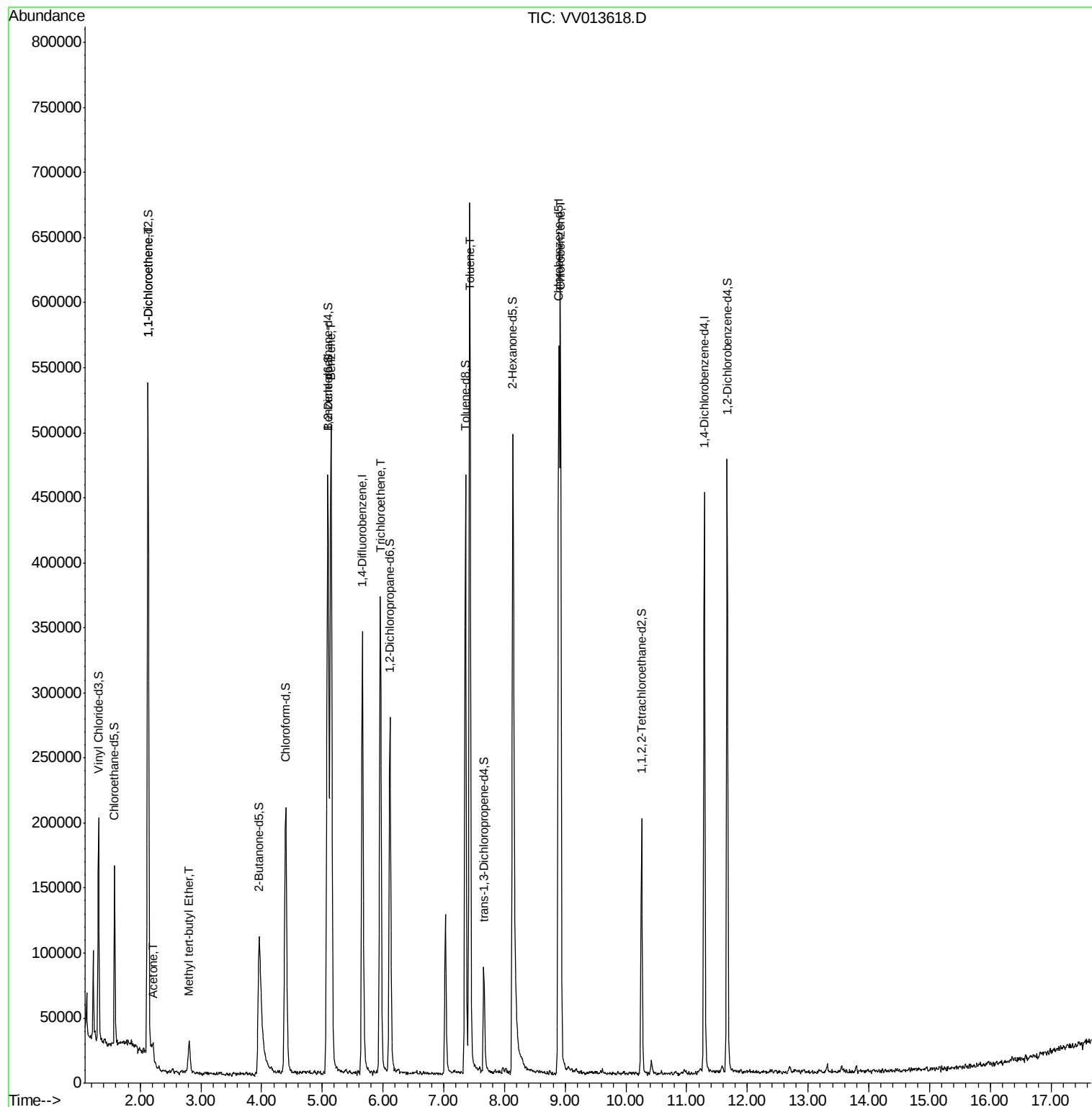
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Data File : VV013618.D
Acq On : 14 Nov 2019 11:49
Operator : SY/MD
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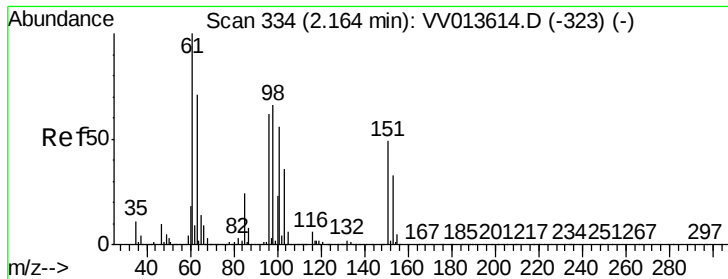
Instrument :
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ClientSampleId :
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Quant Time: Nov 15 03:04:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 02:40:46 2019
Response via : Initial Calibration





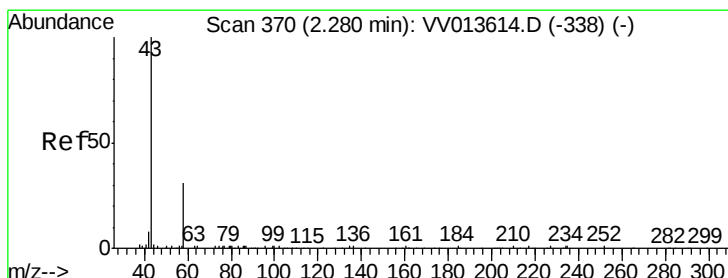
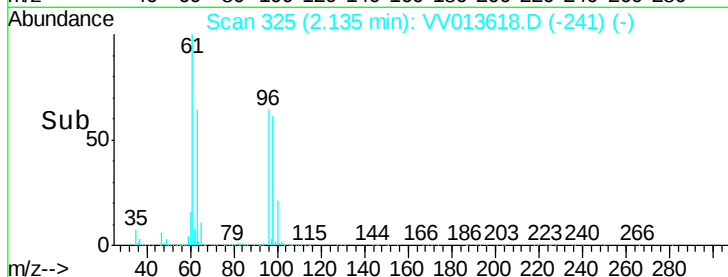
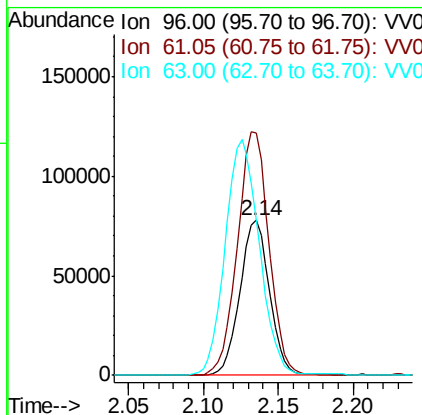
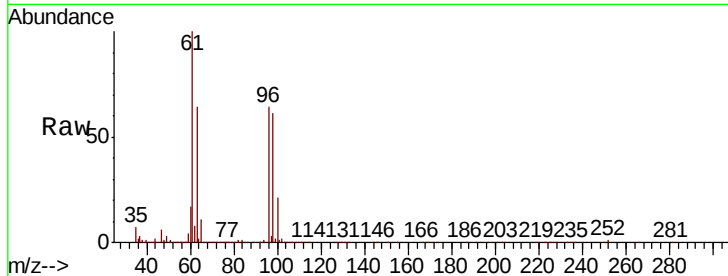
#12
1,1-Dichloroethene
Concen: 6.369 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.03 min
Lab File: VV013618.D
Acq: 14 Nov 2019 11:49

Instrument :
MSVOA_V
ClientSampleId :
A5460MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.6	115.6	214.6
63	99.8	87.2	162.0

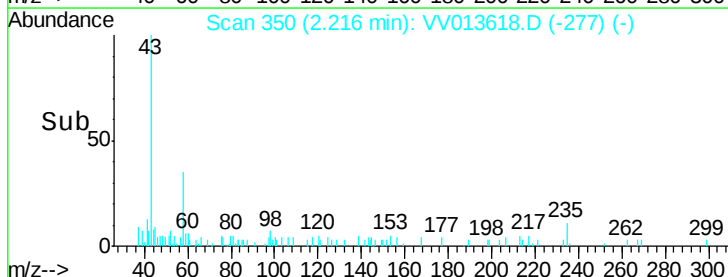
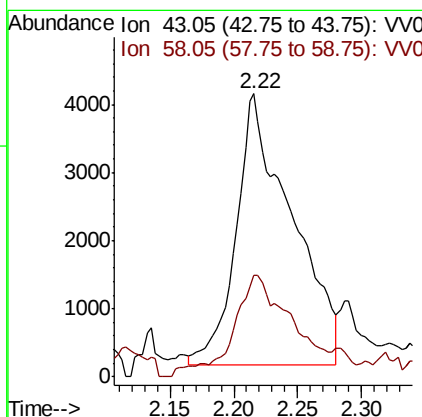
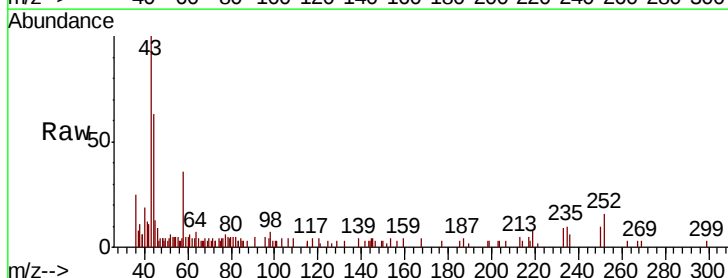
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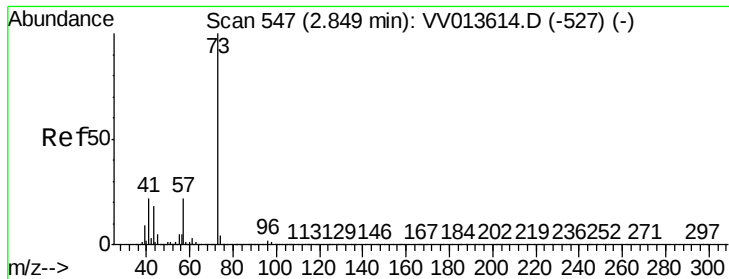
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#13
Acetone
Concen: 5.626 ug/L m
RT: 2.22 min Scan# 350
Delta R.T. -0.06 min
Lab File: VV013618.D
Acq: 14 Nov 2019 11:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	2.1	0.0	28.8





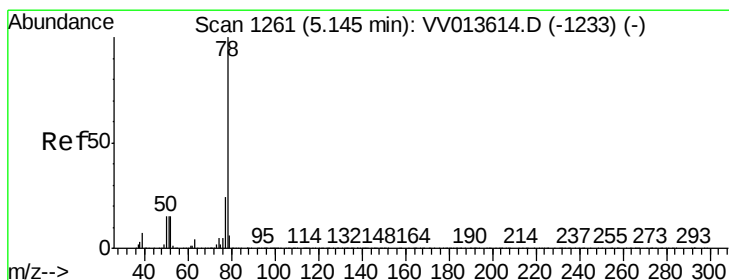
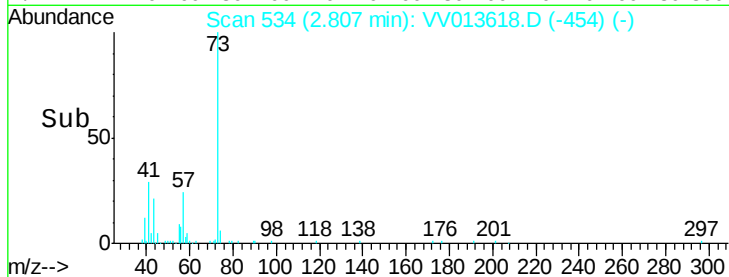
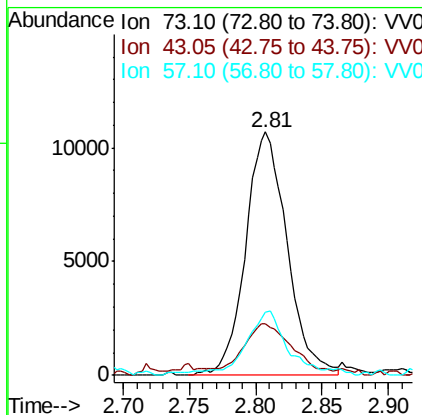
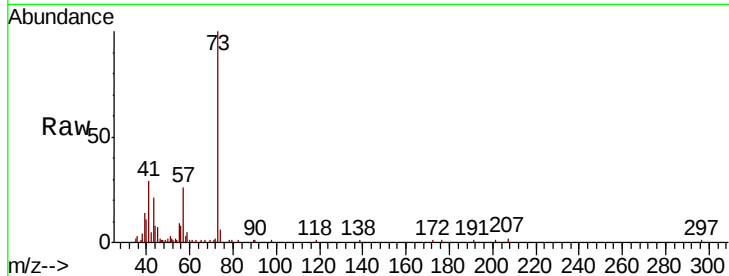
#17
Methvl tert-butvl Ether
Concen: 0.593 ug/L
RT: 2.81 min Scan# 534
Delta R.T. -0.04 min
Lab File: VV013618.D
Acq: 14 Nov 2019 11:49

Instrument :
MSVOA_V
ClientSampleId :
A5460MS

Tot Ion	Ratio	Lower	Upper
73	100		
43	22.2	14.8	22.2
57	22.6	16.3	24.5

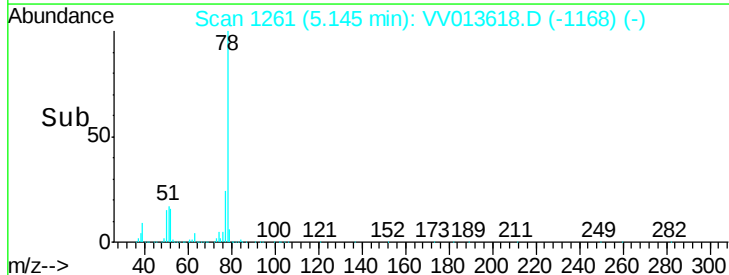
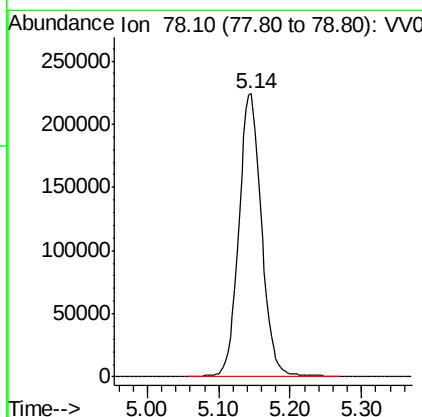
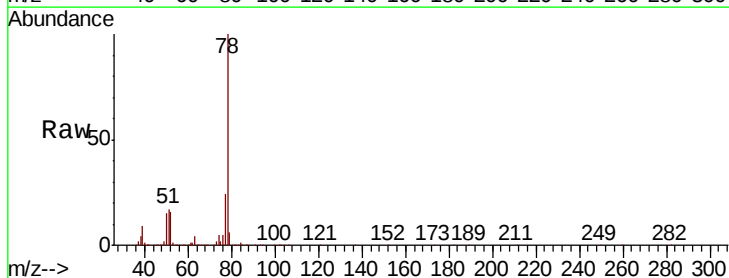
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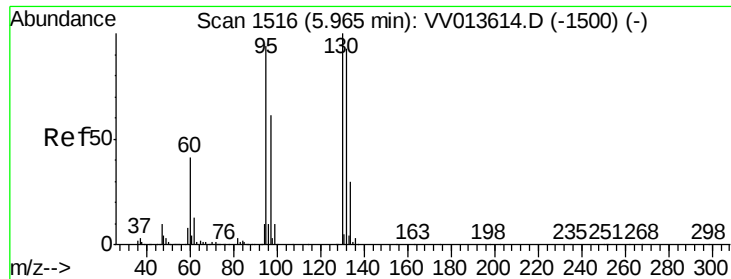
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#33
Benzene
Concen: 5.605 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV013618.D
Acq: 14 Nov 2019 11:49

Tgt Ion: 78 Resp: 499178





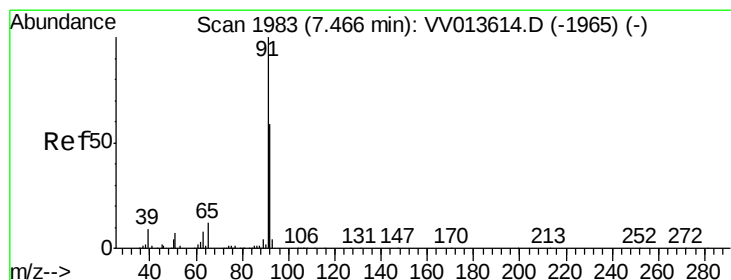
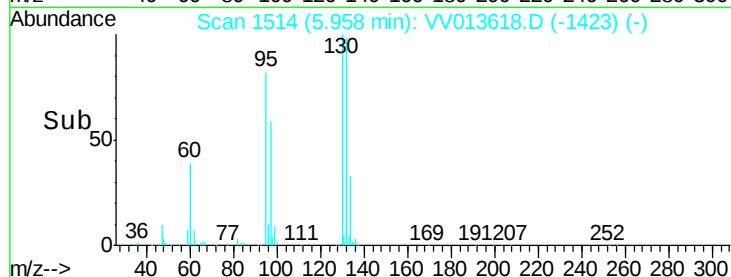
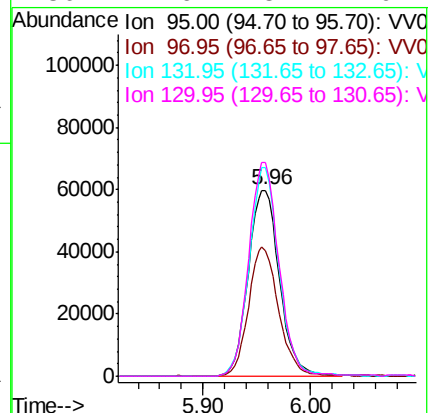
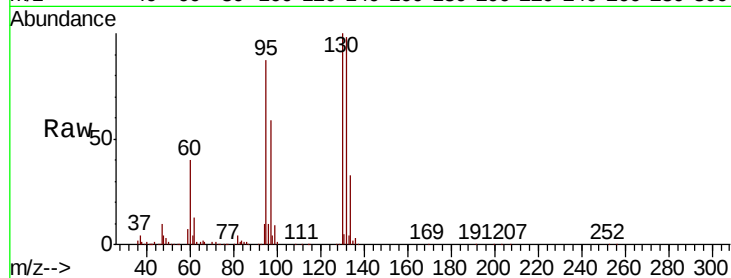
#34
 Trichloroethene
 Concen: 4.831 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: VV013618.D
 Acq: 14 Nov 2019 11:49

Instrument :
 MSVOA_V
 ClientSampleId :
 A5460MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100				
97	67.6	47.0	87.4		
132	112.4	72.2	134.0		
130	114.6	75.7	140.7		

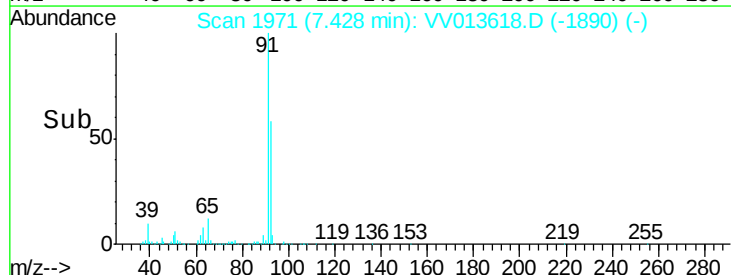
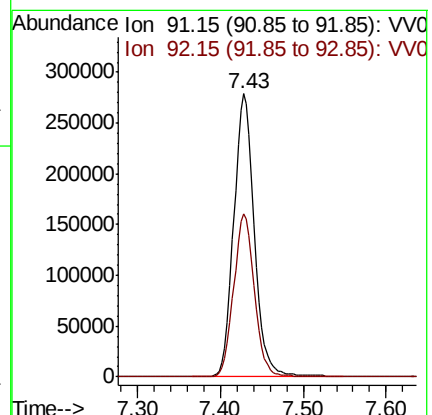
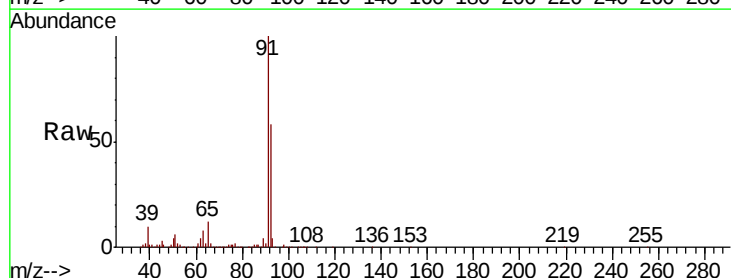
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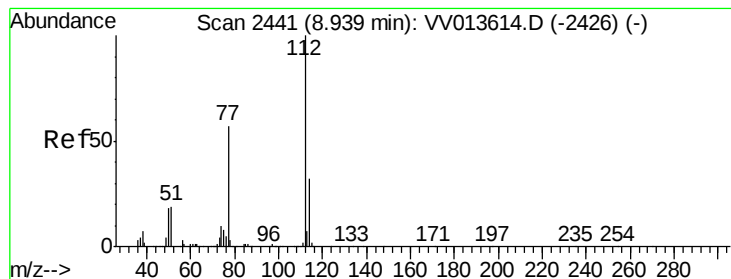
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#42
 Toluene
 Concen: 4.994 ug/L
 RT: 7.43 min Scan# 1971
 Delta R.T. -0.04 min
 Lab File: VV013618.D
 Acq: 14 Nov 2019 11:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	57.6	40.7	75.7		





#51
 Chlorobenzene
 Concen: 5.386 ug/L
 RT: 8.92 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: VV013618.D
 Acq: 14 Nov 2019 11:49

Instrument :
 MSVOA_V
 ClientSampleId :
 A5460MS

Tot Ion:	112	Resp:	341387
Ion Ratio	Lower	Upper	
112	100		
114	32.0	22.3	41.5
77	56.8	46.0	69.0

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