

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102119\
 Data File : VV013267.D
 Acq On : 22 Oct 2019 01:22
 Operator : SY/MD
 Sample : K5457-09
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K14

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 9:00:49 AM

Quant Time: Oct 22 05:20:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 22 03:42:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	471981	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	501143	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	253038	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	159823	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.58	69	143467	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.13	63	210021	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.98	46	423933	63.44	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.88%
24) Chloroform-d	4.40	84	373313	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.08	65	183619	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	722458	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.12	67	230969	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	567107	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	7.66	79	51112	2.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.40%
46) 2-Hexanone-d5	8.14	63	247441	37.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	160890	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	234913	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	3584	0.079	ug/L	100
12) 1,1-Dichloroethene	2.14	96	36709	0.989	ug/L #	13
13) Acetone	2.27	43	10809m	3.128	ug/L	
14) Carbon disulfide	2.31	76	91230	0.856	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	7061	0.082	ug/L #	80
19) 1,1-Dichloroethane	3.23	63	10445	0.147	ug/L #	87
22) cis-1,2-Dichloroethene	3.96	96	274633	5.865	ug/L #	86
29) 1,1,1-Trichloroethane	4.65	97	8703	0.117	ug/L #	76
34) Trichloroethene	5.96	95	114075	2.222	ug/L	98
47) Tetrachloroethene	8.02	164	18239	0.391	ug/L	95

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

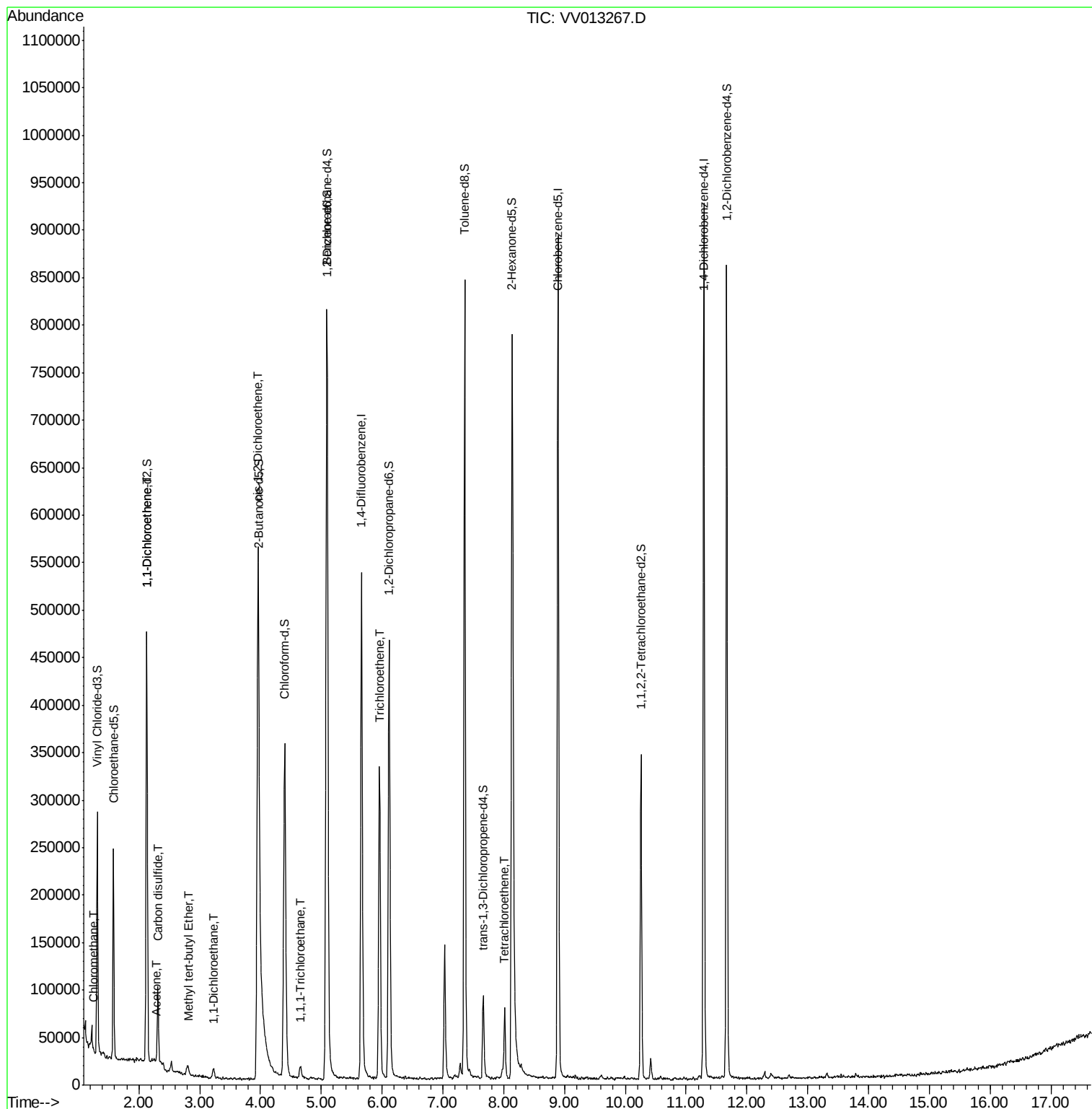
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102119\
Data File : VV013267.D
Acq On : 22 Oct 2019 01:22
Operator : SY/MD
Sample : K5457-09
Misc : 25.00ML/MSVOA V/WATER
ALS Vial : 29 Sample Multiplier: 1

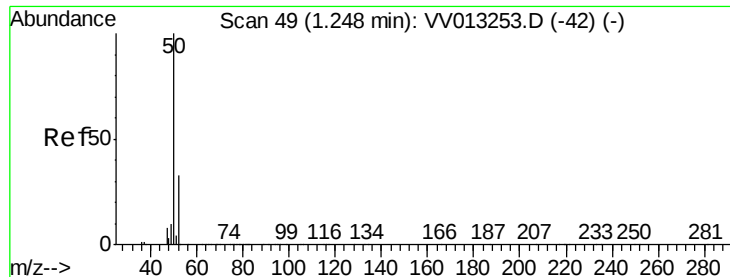
Instrument :
MSVOA_V
ClientSampleId :
C0K14

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Quant Time: Oct 22 05:20:24 2019
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.079 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV013267.D

Acq: 22 Oct 2019 01:22

Instrument :

MSVOA_V

ClientSampleId :

C0K14

Tot Ion: 50 Resp: 3584

Ion Ratio Lower Upper

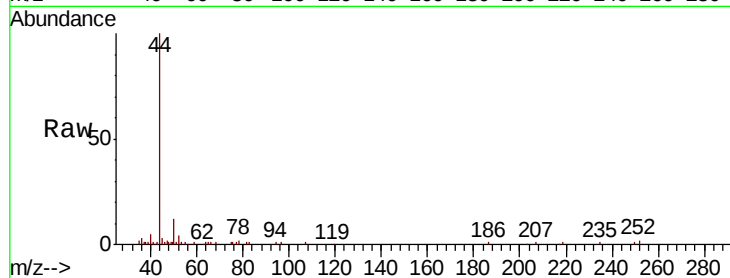
50 100

52 33.3 23.3 43.3

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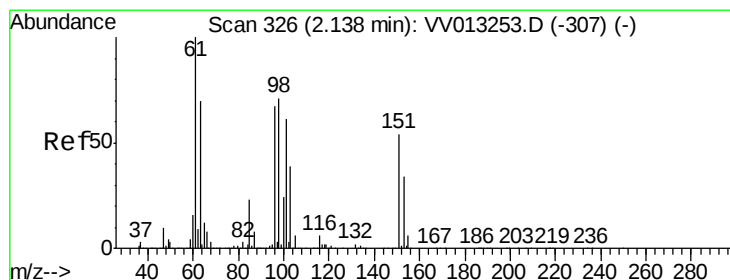
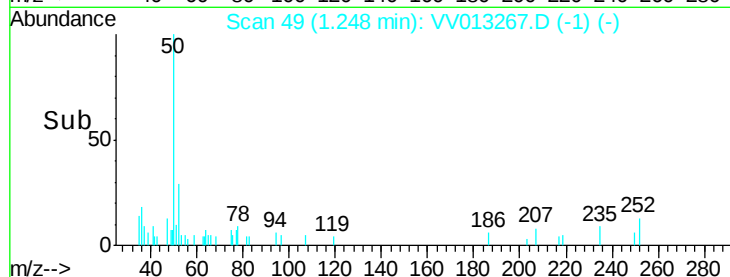
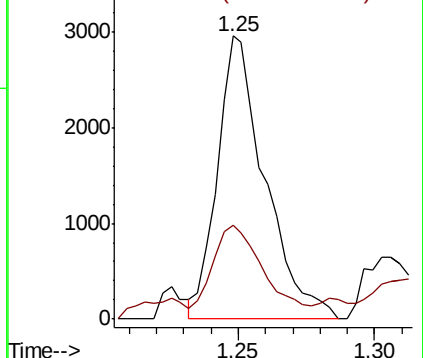
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Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.989 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013267.D

Acq: 22 Oct 2019 01:22

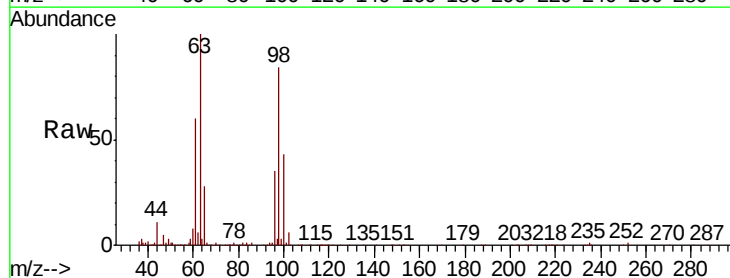
Tgt Ion: 96 Resp: 36709

Ion Ratio Lower Upper

96 100

61 171.2 104.0 193.1

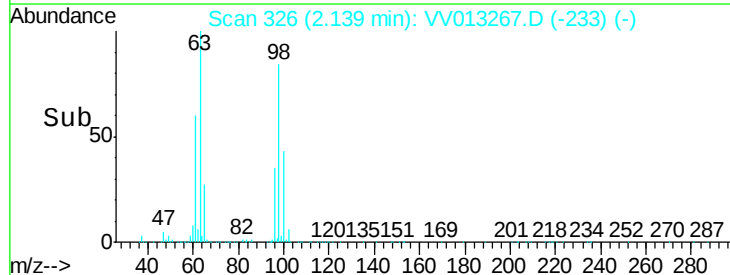
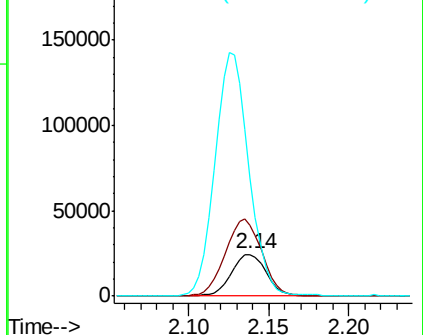
63 284.5 67.1 124.5#

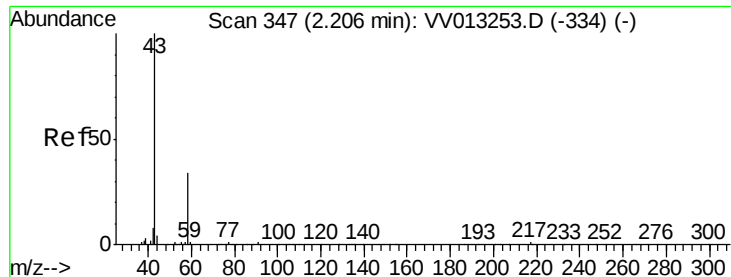


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.128 ug/L m

RT: 2.27 min Scan# 368

Delta R.T. 0.07 min

Lab File: VV013267.D

Acq: 22 Oct 2019 01:22

Instrument :

MSVOA_V

ClientSampleId :

C0K14

Tot Ion: 43 Resp: 10809

Ion Ratio Lower Upper

43 100

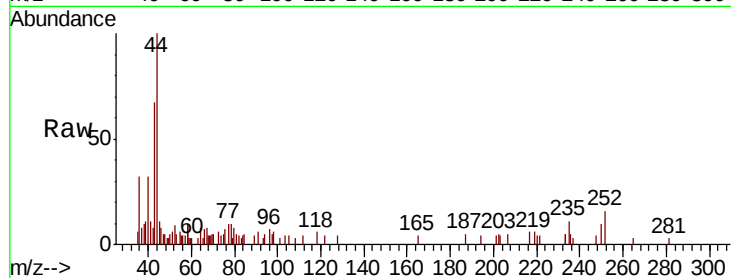
58 8.2 0.0 26.2

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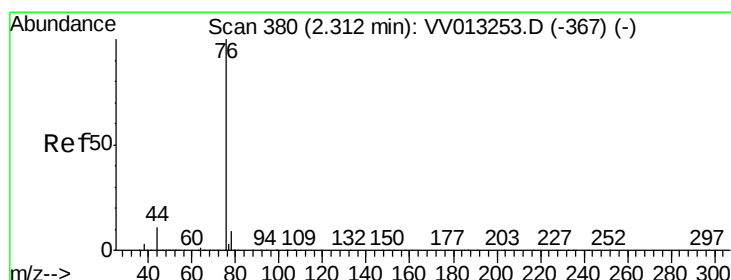
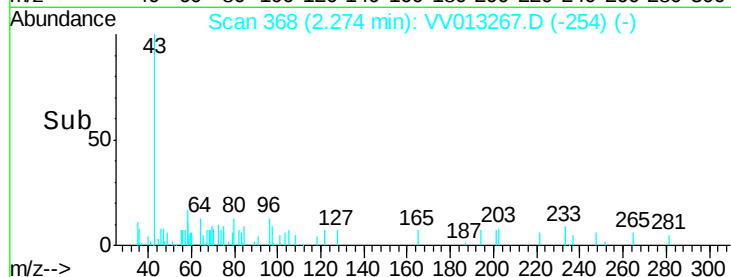
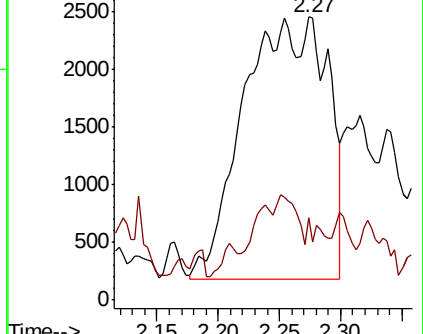
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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.856 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV013267.D

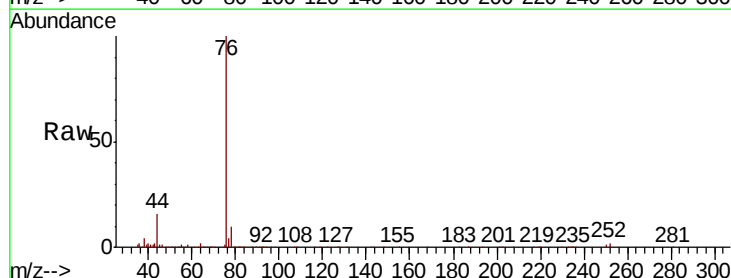
Acq: 22 Oct 2019 01:22

Tgt Ion: 76 Resp: 91230

Ion Ratio Lower Upper

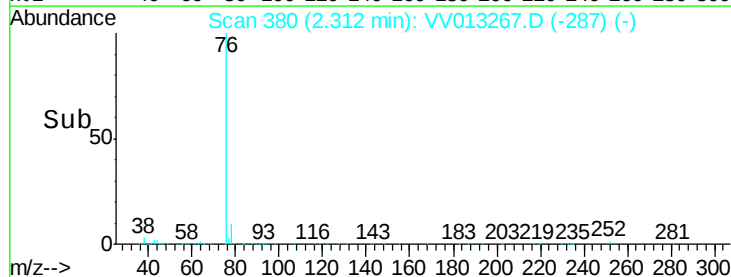
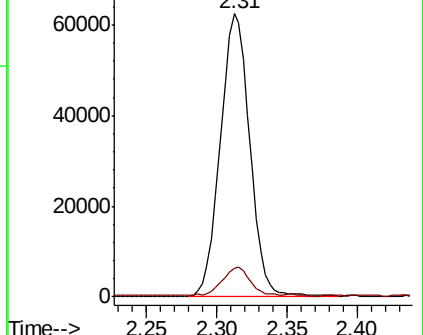
76 100

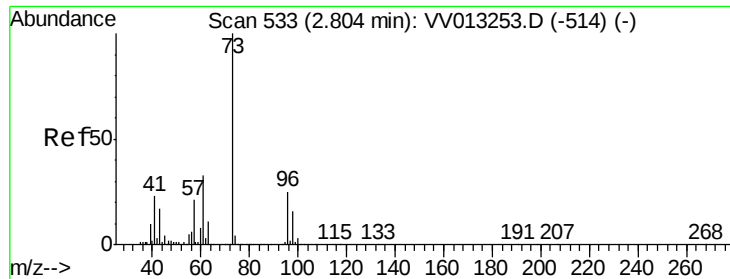
78 10.0 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





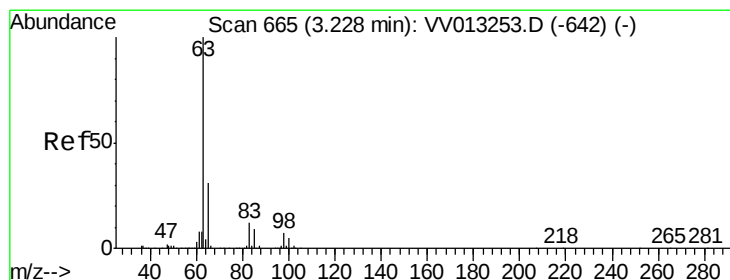
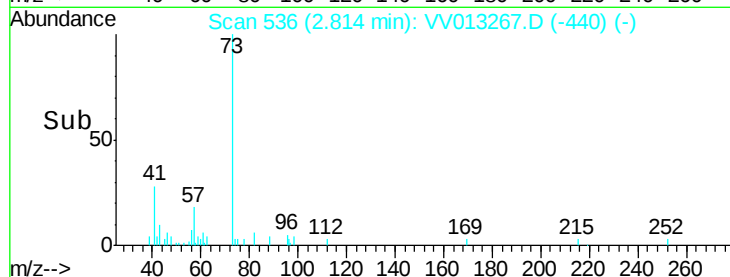
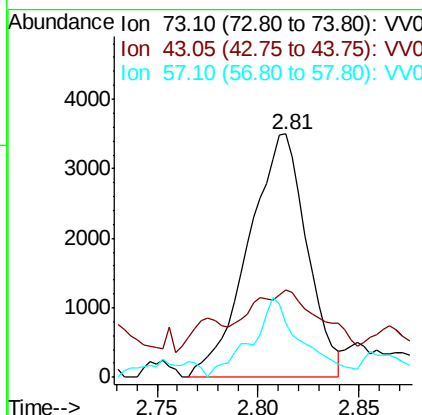
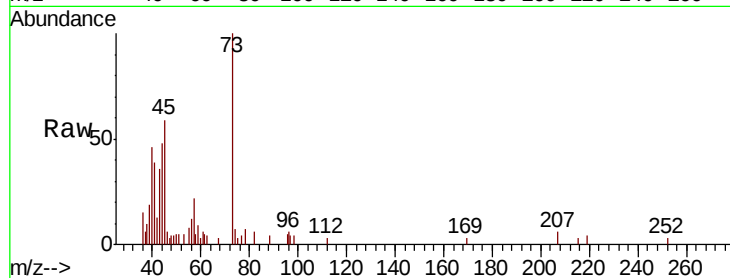
#17
Methvl tert-butvl Ether
Concen: 0.082 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.01 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Instrument :
MSVOA_V
ClientSampleId :
C0K14

Tot Ion	Ratio	Lower	Upper
73	100		
43	26.1	13.1	19.7#
57	28.5	16.4	24.6#

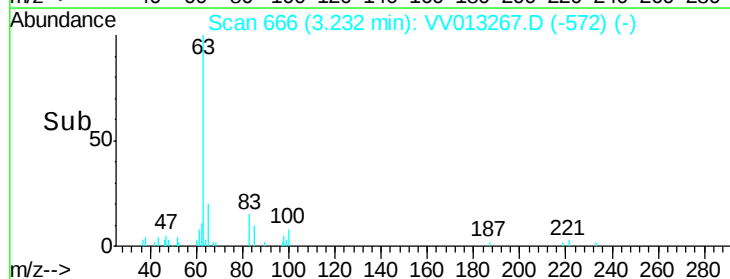
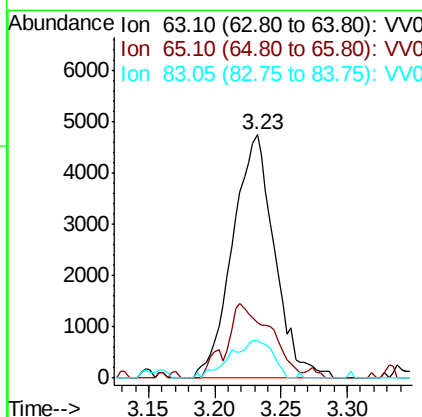
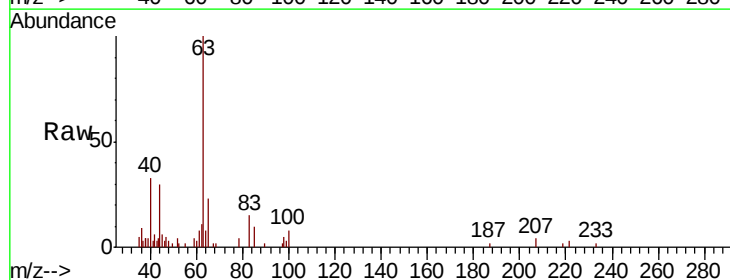
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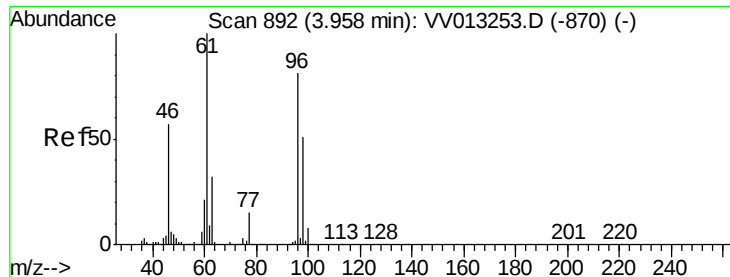
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#19
1,1-Dichloroethane
Concen: 0.147 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Tgt Ion	Ratio	Lower	Upper
63	100		
65	22.5	23.0	42.8#
83	15.3	10.2	19.0





#22

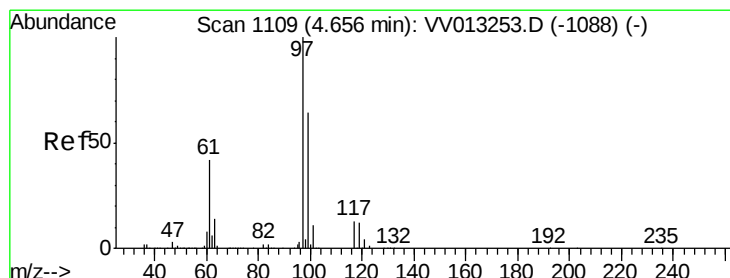
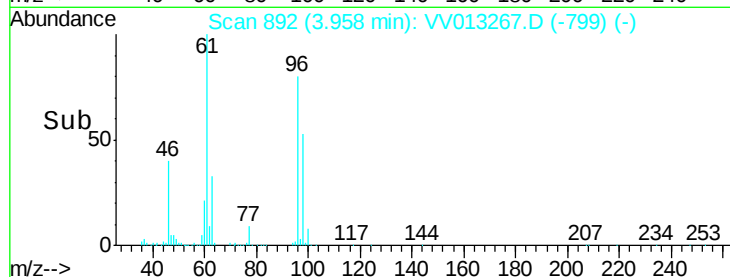
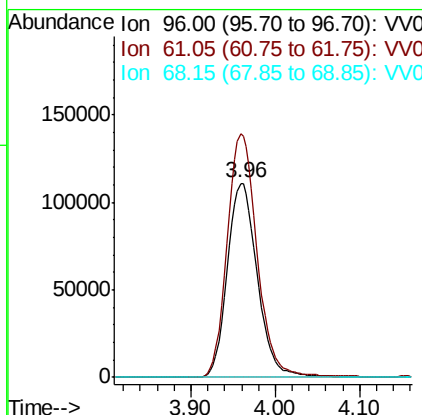
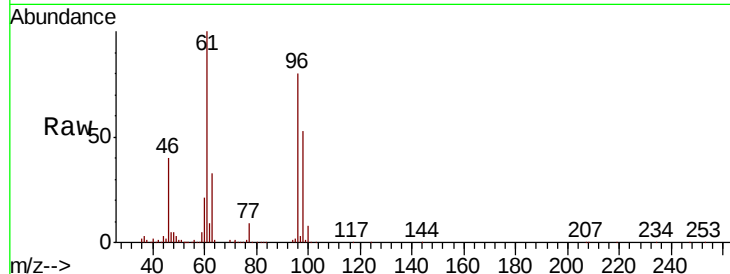
cis-1,2-Dichloroethene
Concen: 5.865 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Instrument :
MSVOA_V
ClientSampleId :
C0K14

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.6	77.3	143.7
68	0.0	0.1	0.1#

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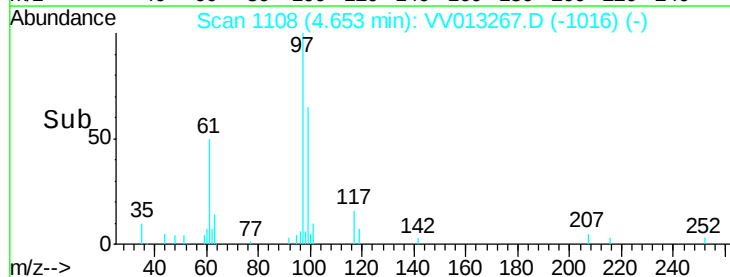
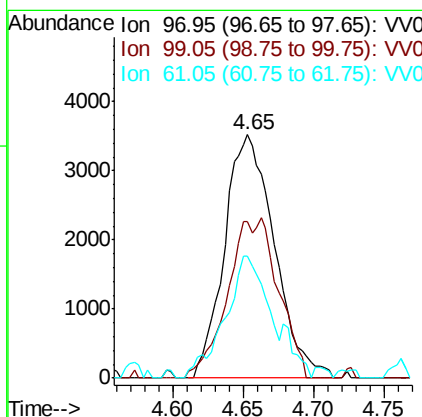
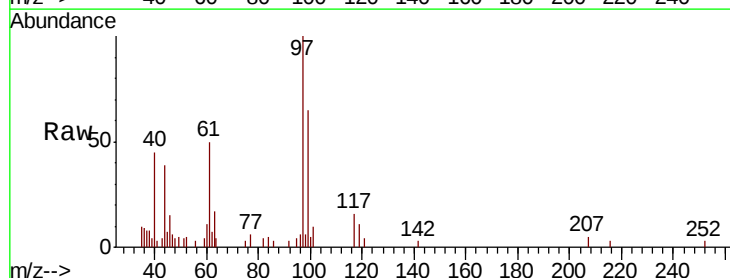
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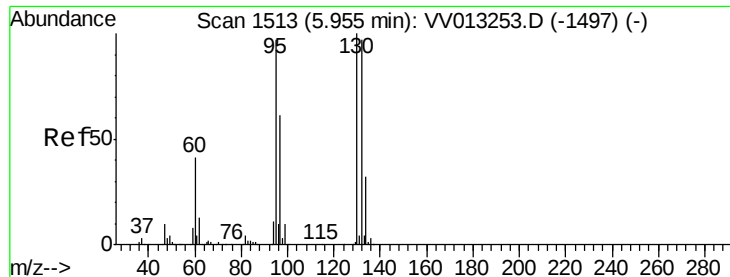


#29

1,1,1-Trichloroethane
Concen: 0.117 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV013267.D
Acq: 22 Oct 2019 01:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	34.6	51.7	77.5#
61	41.9	34.3	51.5





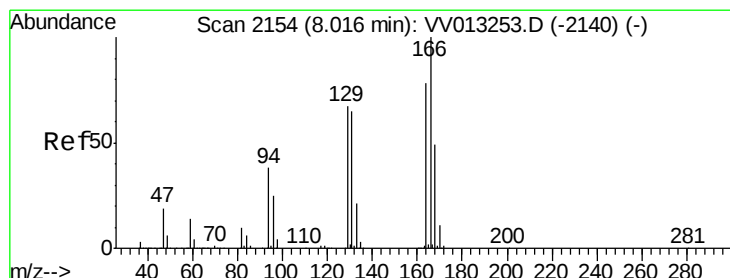
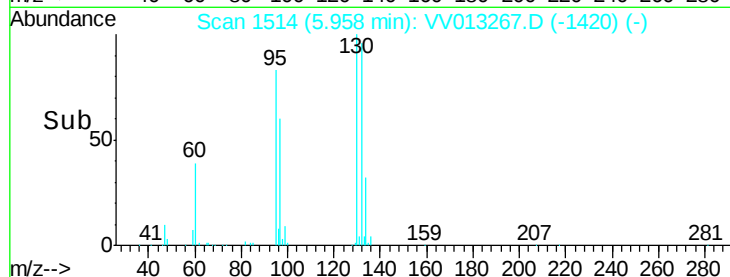
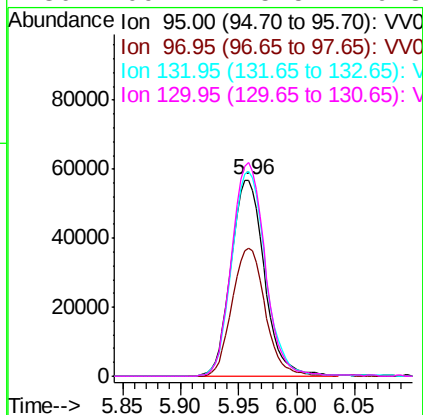
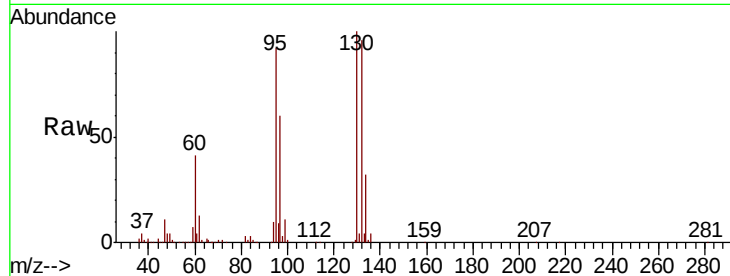
#34
 Trichloroethene
 Concen: 2.222 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV013267.D
 Acq: 22 Oct 2019 01:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K14

Tot Ion	95	Resp	114075
Ion Ratio	Lower	Upper	
95	100		
97	65.6	45.2	84.0
132	104.5	70.6	131.2
130	109.1	75.5	140.3

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#47
 Tetrachloroethene
 Concen: 0.391 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV013267.D
 Acq: 22 Oct 2019 01:22

Tgt Ion	164	Resp	18239
Ion Ratio	Lower	Upper	
164	100		
129	80.9	61.0	113.2
131	85.4	57.5	106.9
166	119.2	87.8	163.0

