

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012420\
 Data File : VV014396.D
 Acq On : 24 Jan 2020 18:22
 Operator : SY/MD
 Sample : L1253-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC2

Manual Integrations
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 1/27/2020 2:57:03 PM

Quant Time: Jan 27 09:07:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 25 00:18:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	932283	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	856024	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	394958	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	240891	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.59	69	218860	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.14	63	262156	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	3.93	46	834473	53.25	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.50%
24) Chloroform-d	4.40	84	569270	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.08	65	285181	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.10	84	1050833	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.12	67	367607	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.36	98	827980	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	7.66	79	129133	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.13	63	766807	51.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.38%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	293252	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	334671	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.32	76	24913	0.135	ug/L	96
16) Methylene chloride	2.54	84	11867	0.175	ug/L	90
18) trans-1,2-Dichloroethene	2.79	96	130042	2.077	ug/L	94
19) 1,1-Dichloroethane	3.23	63	234227	1.909	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	23589311m	343.704	ug/L	
25) Chloroform	4.42	83	244972	2.085	ug/L	98
27) 1,2-Dichloroethane	5.18	62	11740	0.167	ug/L #	69
29) 1,1,1-Trichloroethane	4.66	97	262171	2.573	ug/L	100
33) Benzene	5.15	78	19243	0.073	ug/L	100
34) Trichloroethene	5.95	95	19268886m	284.423	ug/L	
45) 1,1,2-Trichloroethane	7.88	97	46967	1.105	ug/L	97
47) Tetrachloroethene	8.02	164	46444	1.003	ug/L	96

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

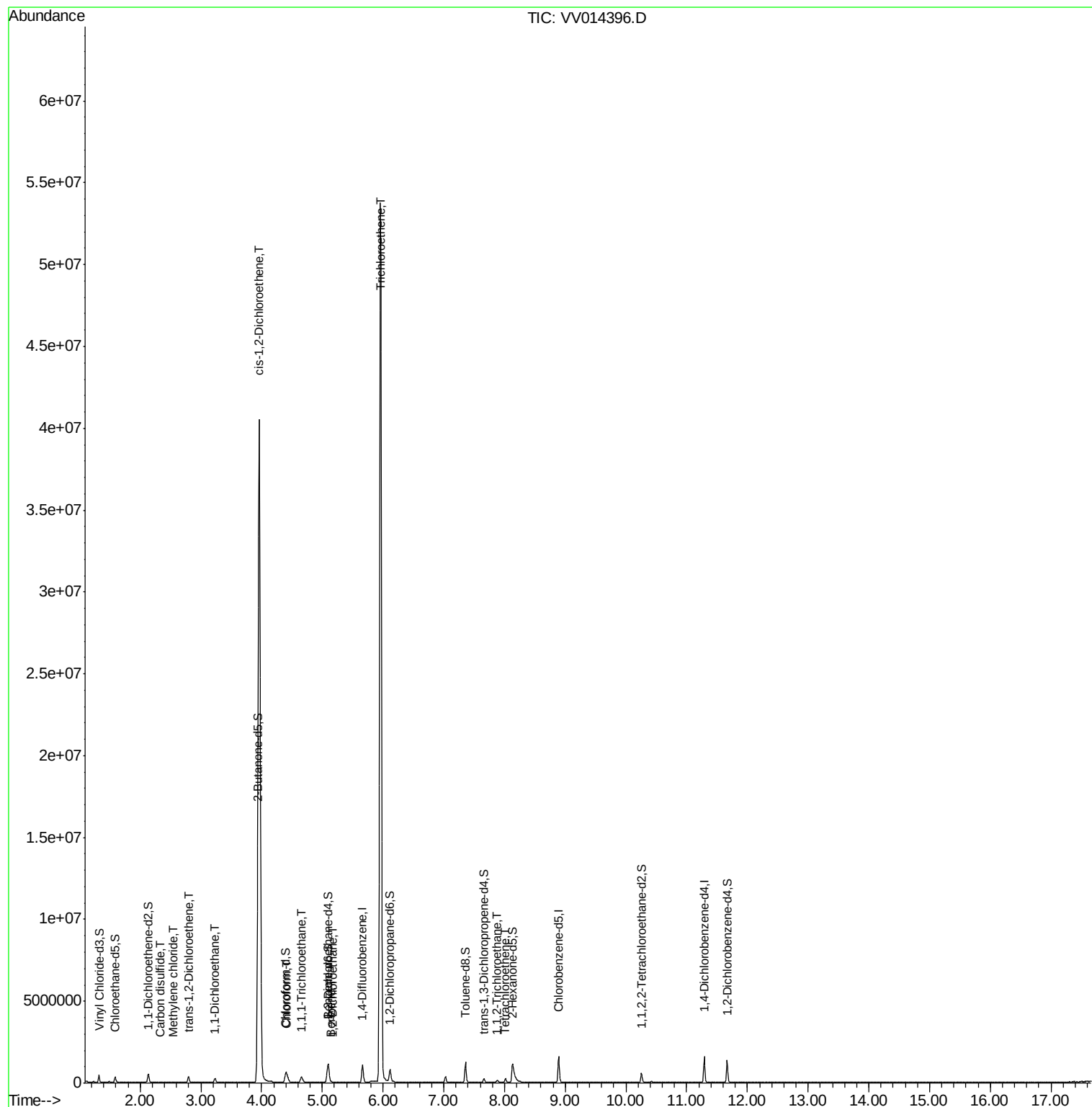
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012420\
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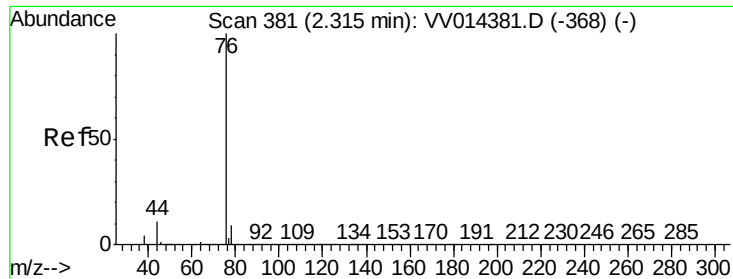
Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 2020
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.135 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV014396.D

Acq: 24 Jan 2020 18:22

Instrument :

MSVOA_V

ClientSampleId :

H0AC2

Tot Ion: 76 Resp: 24913

Ion Ratio Lower Upper

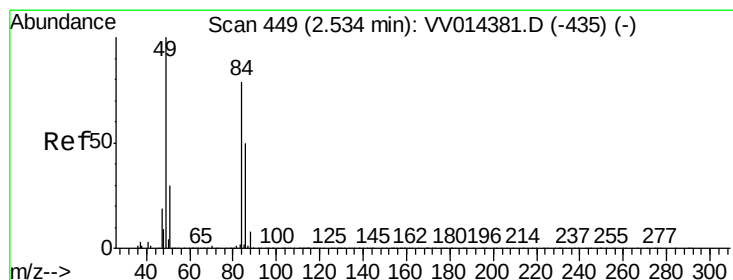
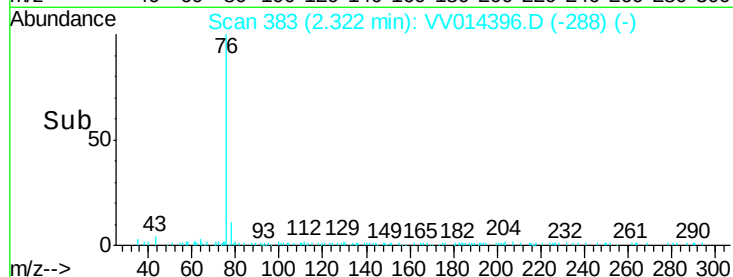
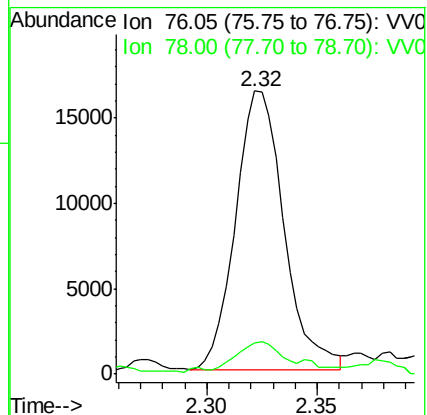
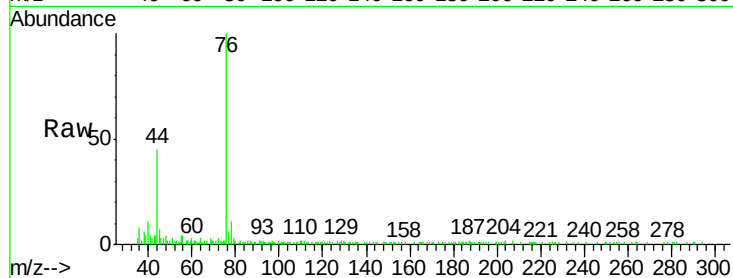
76 100

78 10.9 7.5 11.3

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#16

Methylene chloride

Concen: 0.175 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

Lab File: VV014396.D

Acq: 24 Jan 2020 18:22

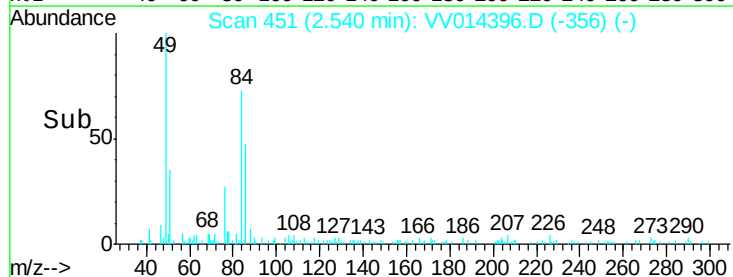
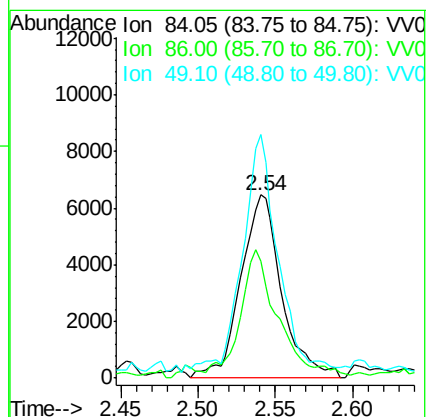
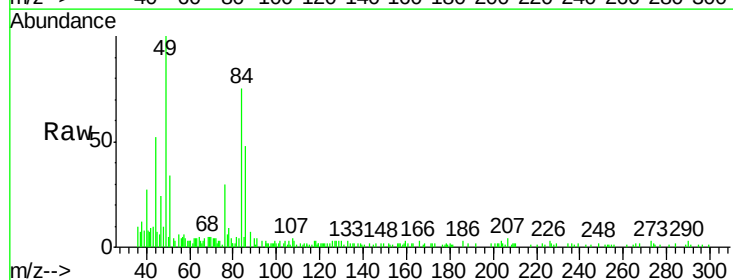
Tgt Ion: 84 Resp: 11867

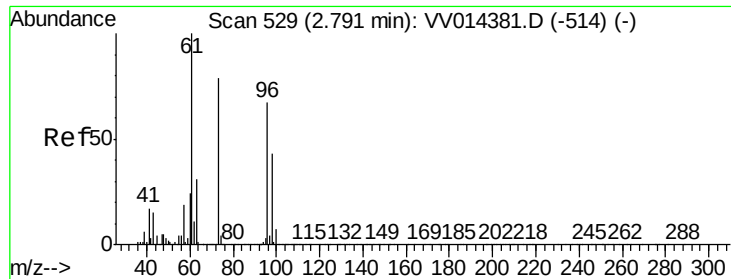
Ion Ratio Lower Upper

84 100

86 63.7 43.1 80.1

49 133.0 82.1 152.5





#18

trans-1,2-Dichloroethene

Concen: 2.077 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV014396.D

Acq: 24 Jan 2020 18:22

Instrument :

MSVOA_V

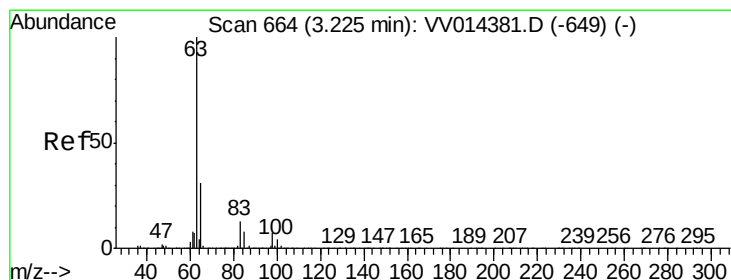
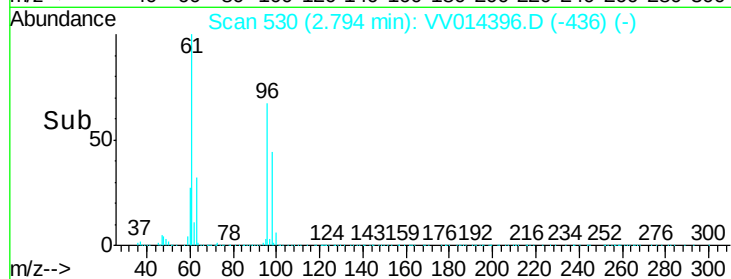
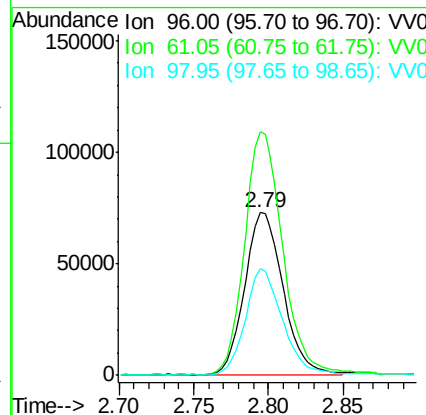
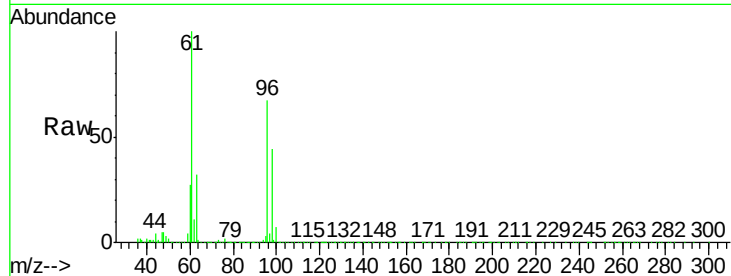
ClientSampleId :

H0AC2

Tot Ion:	96	Resp:	130042
Ion Ratio	Lower	Upper	
96	100		
61	149.5	99.2	184.2
98	65.2	43.1	80.1

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#19

1,1-Dichloroethane

Concen: 1.909 ug/L

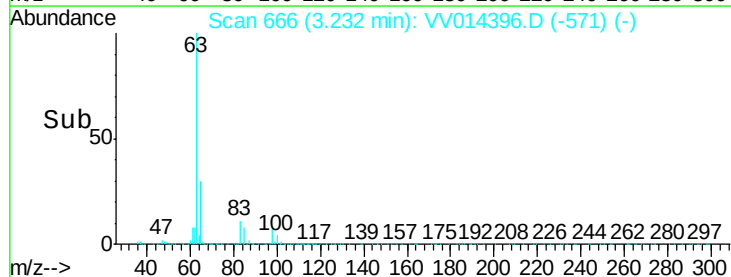
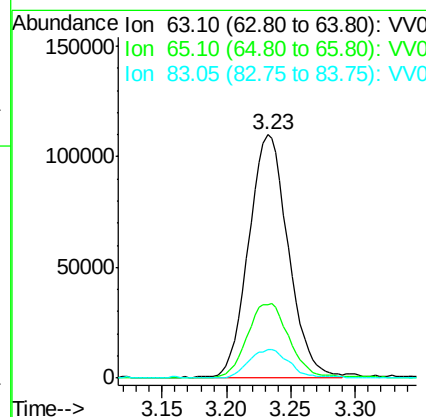
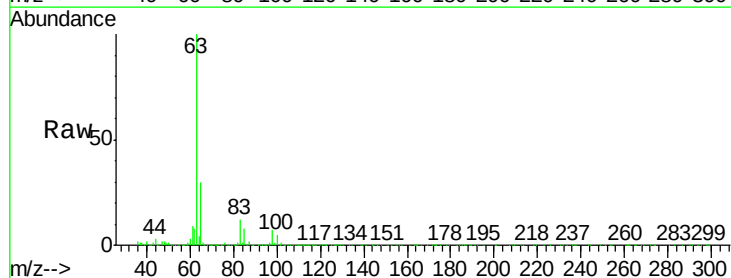
RT: 3.23 min Scan# 666

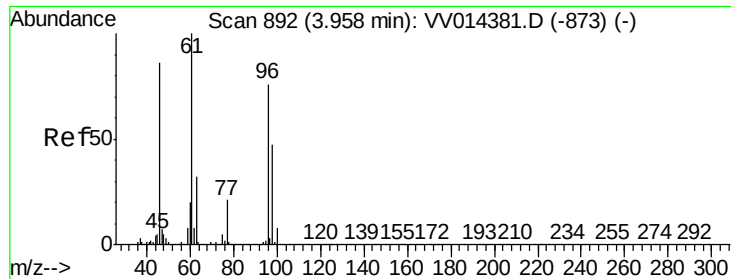
Delta R.T. 0.01 min

Lab File: VV014396.D

Acq: 24 Jan 2020 18:22

Tgt Ion:	63	Resp:	234227
Ion Ratio	Lower	Upper	
63	100		
65	30.4	22.7	42.3
83	11.5	10.0	18.6





#22

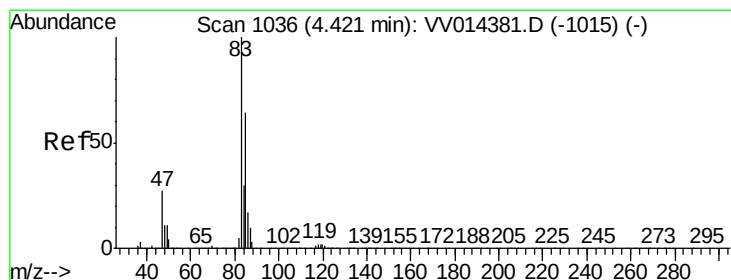
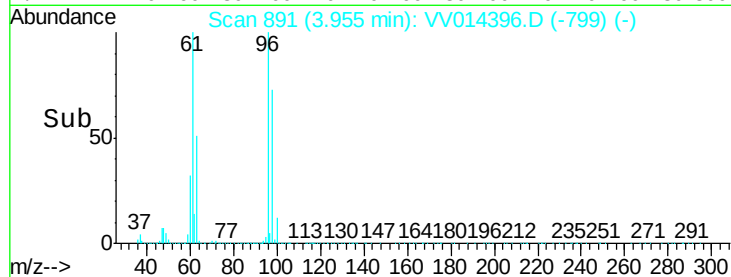
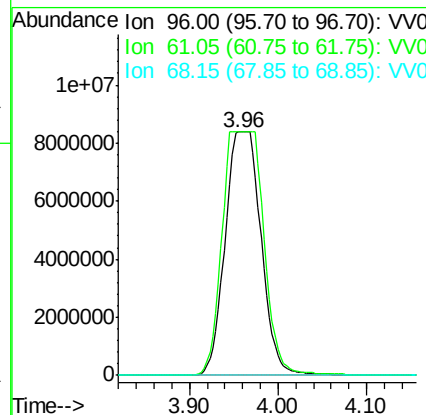
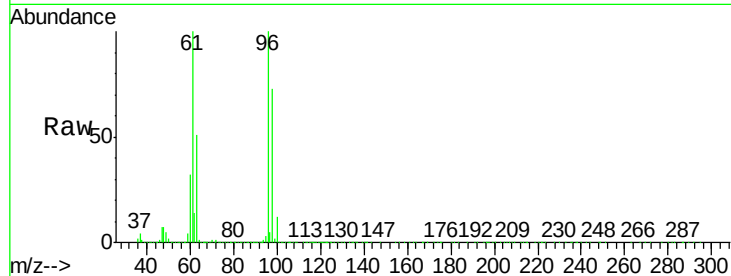
cis-1,2-Dichloroethene
 Concen: 343.704 ug/L m
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV014396.D
 Acq: 24 Jan 2020 18:22

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC2

Tot Ion	Ratio	Lower	Upper
96	100		
61	100.0	90.6	168.3
68	0.0	0.3	0.7#

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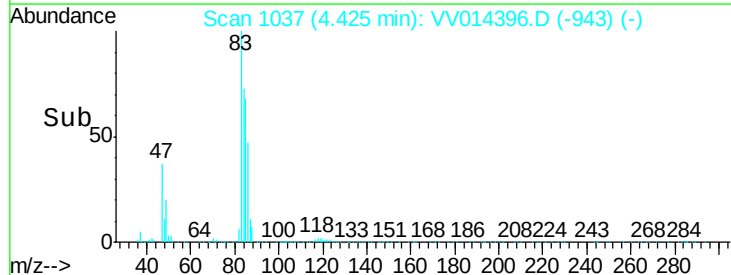
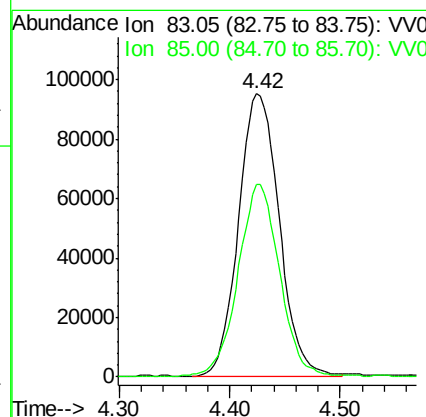
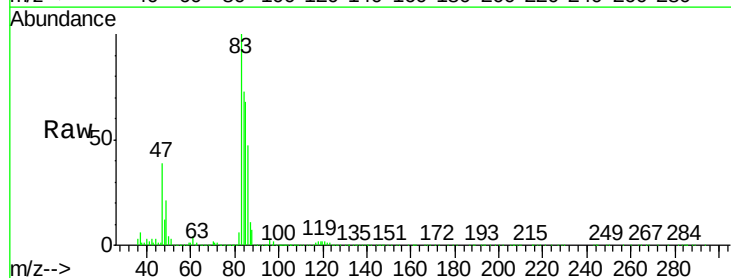
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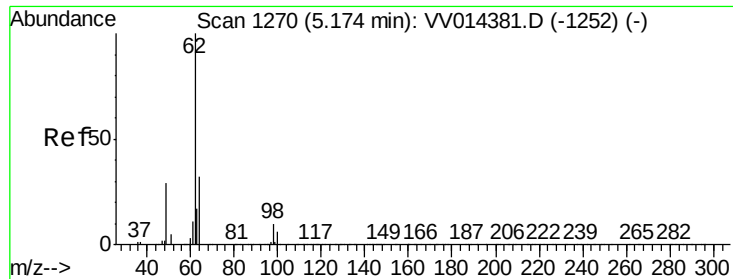


#25

Chloroform
 Concen: 2.085 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV014396.D
 Acq: 24 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	46.2	85.8





#27

1,2-Dichloroethane

Concen: 0.167 ug/L

RT: 5.18 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VV014396.D

Acq: 24 Jan 2020 18:22

Instrument :

MSVOA_V

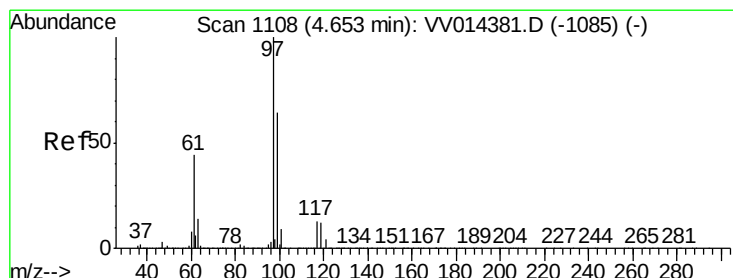
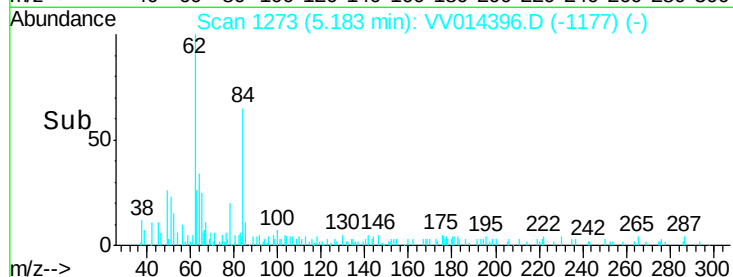
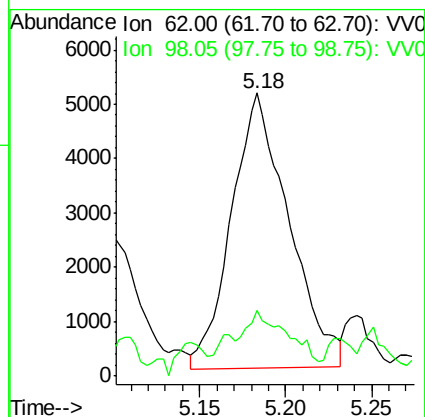
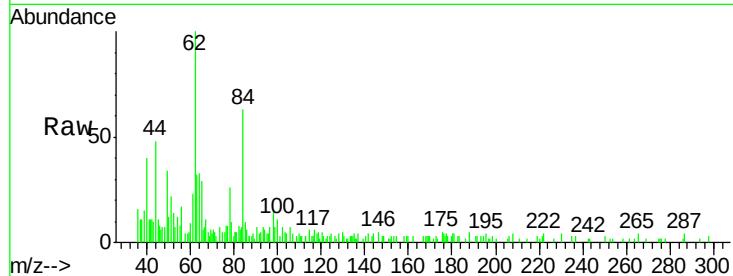
ClientSampleId :

H0AC2

Tot Ion	Ratio	Lower	Upper
62	100		
98	23.3	9.2	13.8#

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#29

1,1,1-Trichloroethane

Concen: 2.573 ug/L

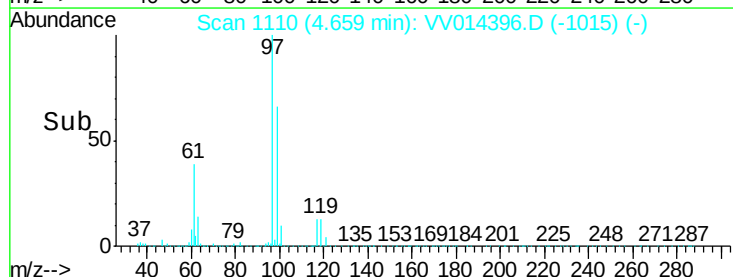
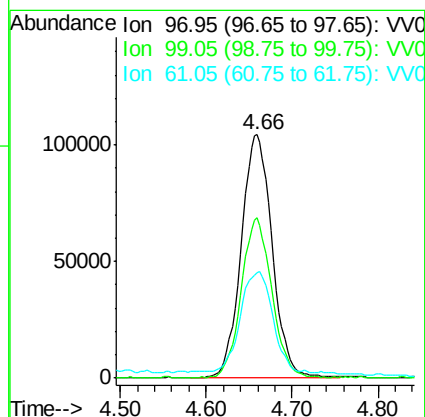
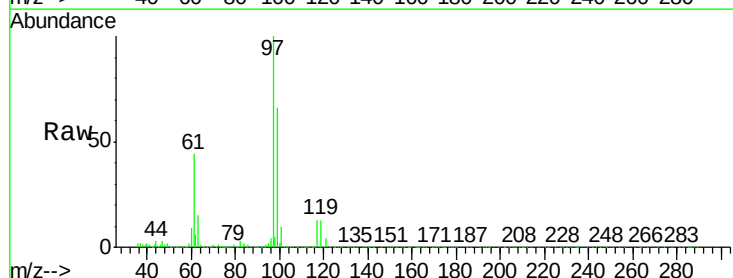
RT: 4.66 min Scan# 1110

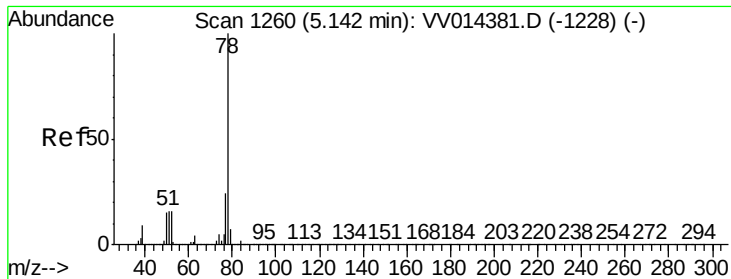
Delta R.T. 0.01 min

Lab File: VV014396.D

Acq: 24 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	43.0	33.9	50.9





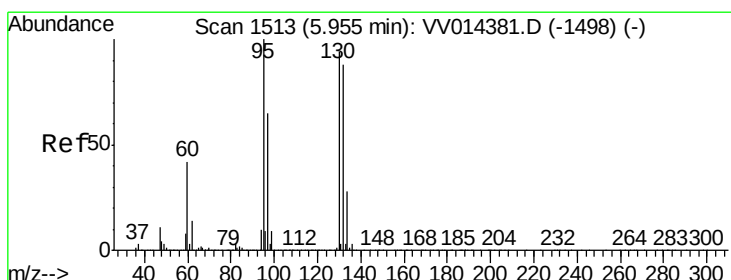
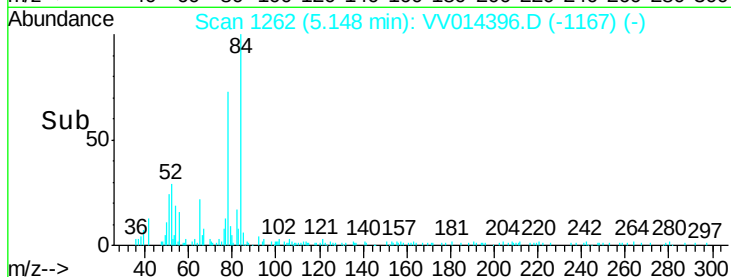
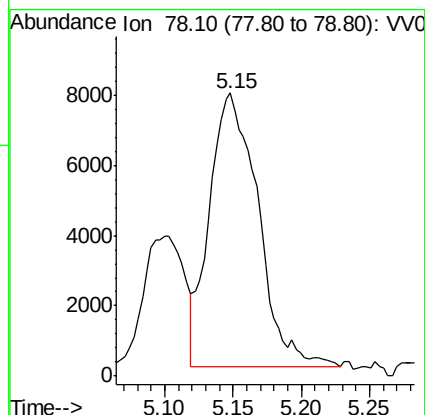
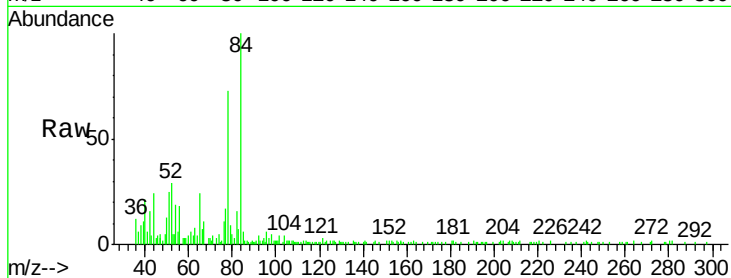
#33
Benzene
Concen: 0.073 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV014396.D
Acq: 24 Jan 2020 18:22

Instrument :
MSVOA_V
ClientSampleId :
H0AC2

Tgt Ion: 78 Resp: 19243

Manual Integrations
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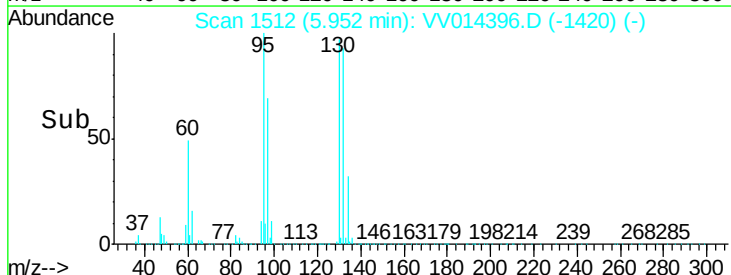
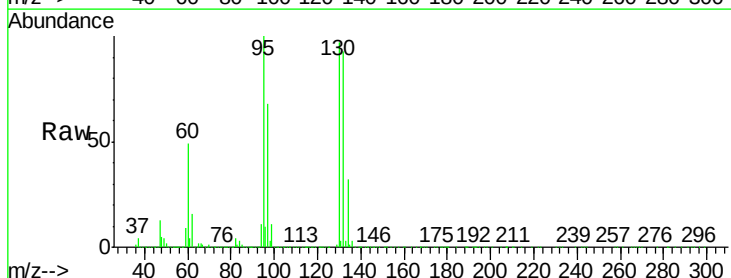
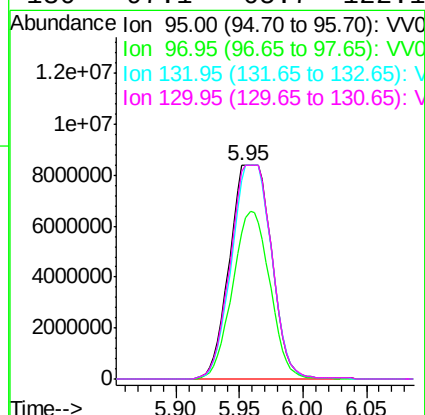
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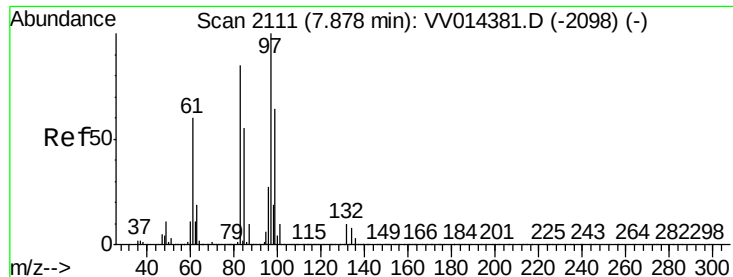


#34
Trichloroethene
Concen: 284.423 ug/L m
RT: 5.95 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VV014396.D
Acq: 24 Jan 2020 18:22

Tgt Ion: 95 Resp:19268886

Ion	Ratio	Lower	Upper
95	100		
97	68.4	43.8	81.3
132	93.0	63.4	117.8
130	97.1	65.7	122.1





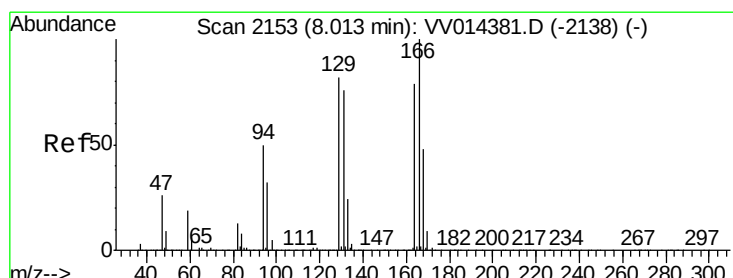
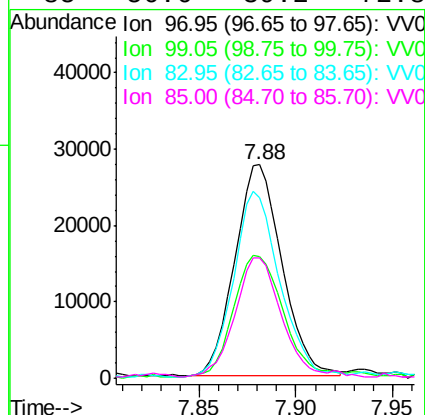
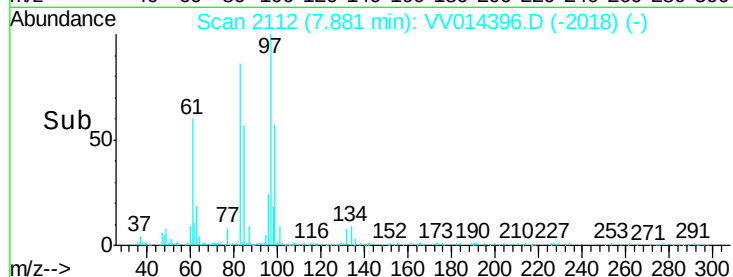
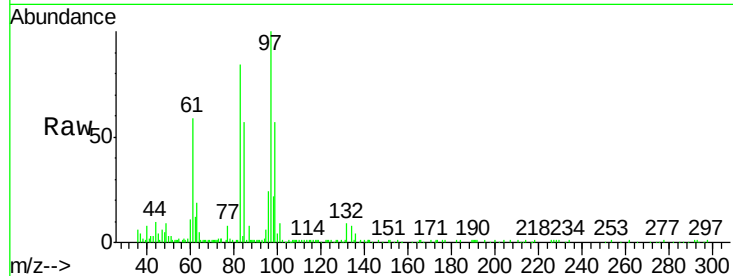
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1,1,2-Trichloroethane
Concen: 1.105 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV014396.D
Acq: 24 Jan 2020 18:22

Instrument :
MSVOA_V
ClientSampleId :
H0AC2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		46967		
99	56.8	43.7	81.1		
83	84.3	60.0	111.4		
85	56.6	39.2	72.8		

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#47
Tetrachloroethene
Concen: 1.003 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV014396.D
Acq: 24 Jan 2020 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		46444		
129	97.2	71.7	133.3		
131	94.7	70.4	130.8		
166	129.8	90.3	167.7		

