

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012420\
 Data File : VV014395.D
 Acq On : 24 Jan 2020 17:58
 Operator : SY/MD
 Sample : L1253-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC0

Manual Integrations
 APPROVED

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 1/27/2020 2:56:59 PM

Quant Time: Jan 27 15:36:18 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	5.68	114	896869	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.90	117	811778	5.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.29	152	351398	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.33	65	180015	2.87	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.40%
7) Chloroethane-d5	1.60	69	172778	3.56	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.20%
11) 1,1-Dichloroethene-d2	2.15	63	212195	2.29	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.80%#
20) 2-Butanone-d5	4.02	46	387411	25.70	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	51.40%
24) Chloroform-d	4.41	84	365767	3.02	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	60.40%#
26) 1,2-Dichloroethane-d4	5.10	65	288681	4.75	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	1097791	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.15	67	383650	5.11	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.39	98	871639	3.94	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	7.68	79	127594	3.84	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.15	63	771638	54.85	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	280399	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	310766	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.33	62	57775m	0.920	ug/L	
14) Carbon disulfide	2.34	76	59519m	0.335	ug/L	
16) Methylene chloride	2.56	84	81985	1.257	ug/L	87
18) trans-1,2-Dichloroethene	2.81	96	36483	0.606	ug/L	98
19) 1,1-Dichloroethane	3.24	63	107800	0.913	ug/L	99
22) cis-1,2-Dichloroethene	3.98	96	8438570	127.808	ug/L #	100
27) 1,2-Dichloroethane	5.20	62	9948	0.147	ug/L	95
33) Benzene	5.15	78	35288	0.141	ug/L	100
34) Trichloroethene	5.99	95	15171026	236.141	ug/L	96
45) 1,1,2-Trichloroethane	7.90	97	40327	1.000	ug/L	94
47) Tetrachloroethene	8.04	164	51175	1.166	ug/L	97

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

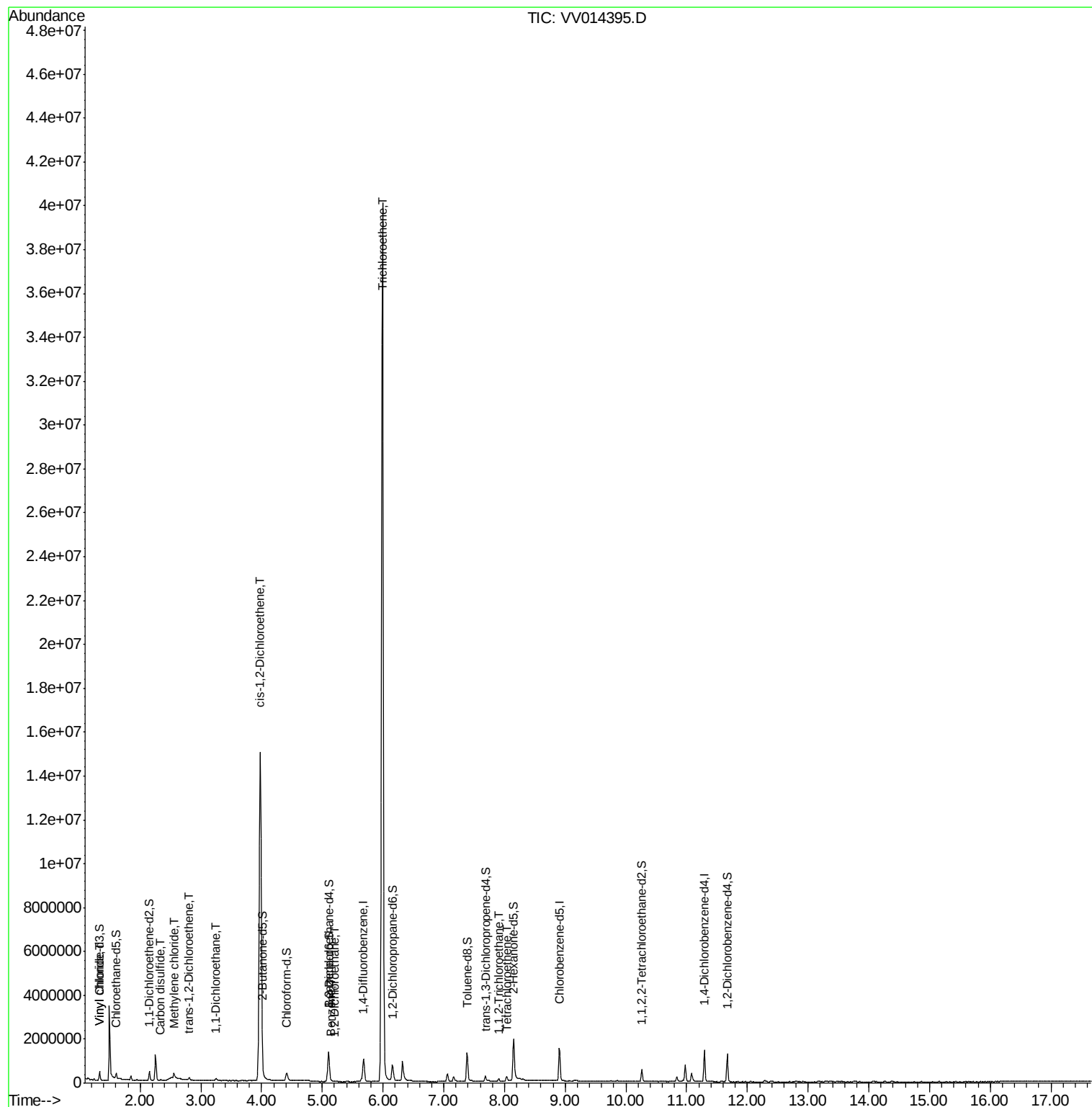
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012420\
Data File : VV014395.D
Acq On : 24 Jan 2020 17:58
Operator : SY/MD
Sample : L1253-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

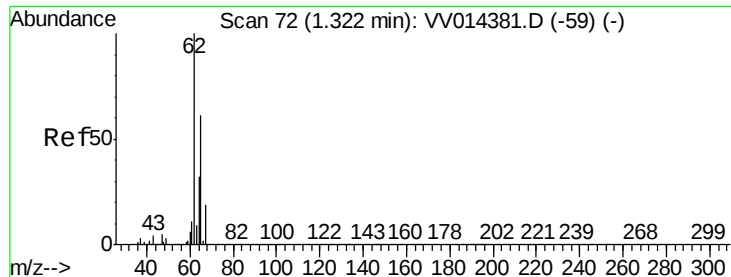
Instrument :
MSVOA_V
ClientSampleId :
H0AC0

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Quant Time: Jan 27 15:36:18 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





#5

Vinyl chloride

Concen: 0.920 ug/L m

RT: 1.33 min Scan# 76

Delta R.T. 0.01 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

H0AC0

Tot Ion: 62 Resp: 57775

Ion Ratio Lower Upper

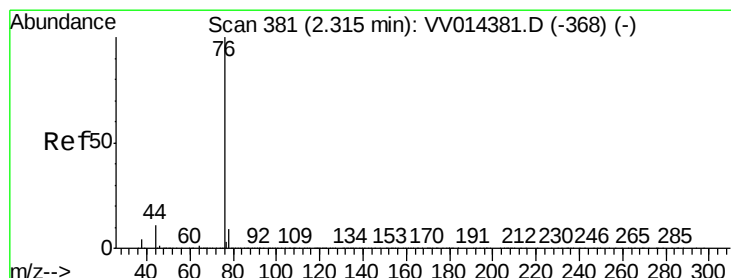
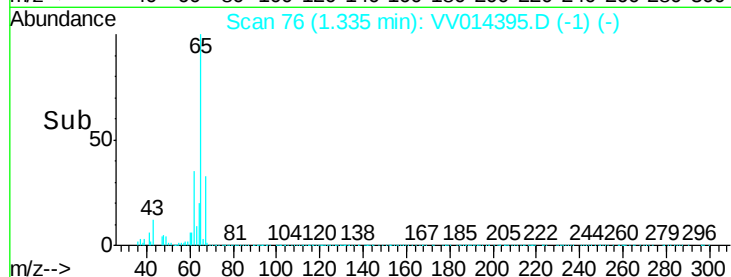
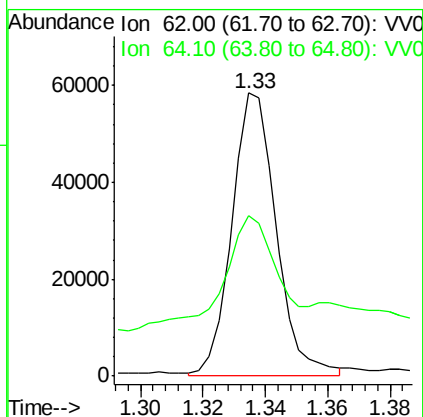
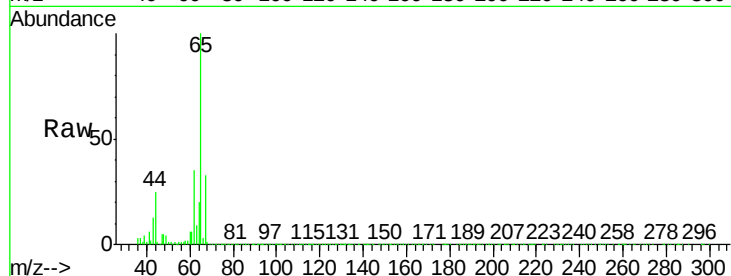
62 100

64 56.6 23.0 42.6#

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#14

Carbon disulfide

Concen: 0.335 ug/L m

RT: 2.34 min Scan# 388

Delta R.T. 0.02 min

Lab File: VV014395.D

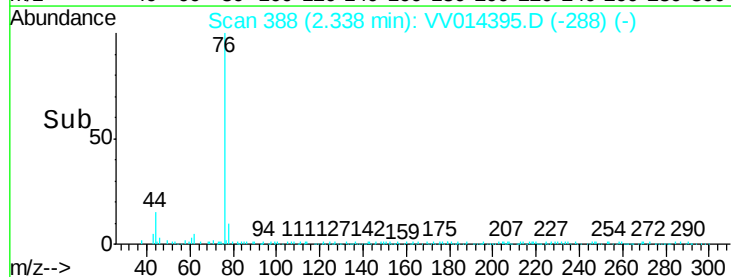
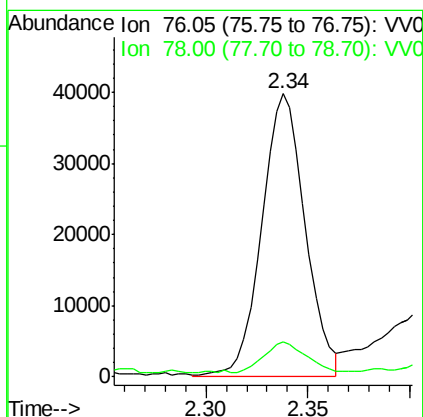
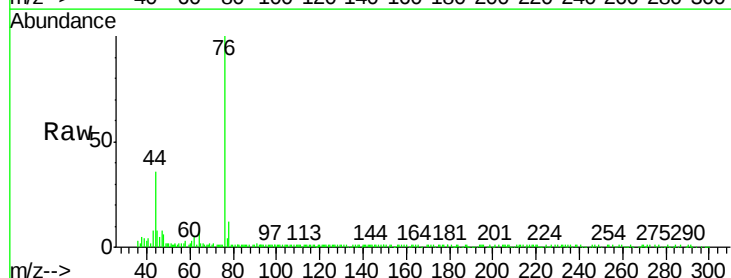
Acq: 24 Jan 2020 17:58

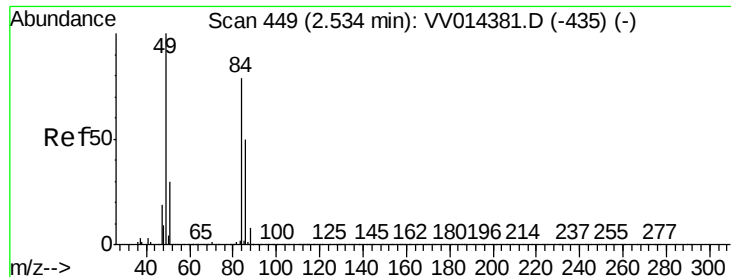
Tgt Ion: 76 Resp: 59519

Ion Ratio Lower Upper

76 100

78 12.5 7.5 11.3#





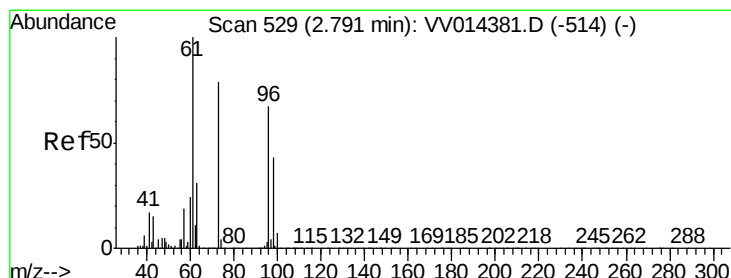
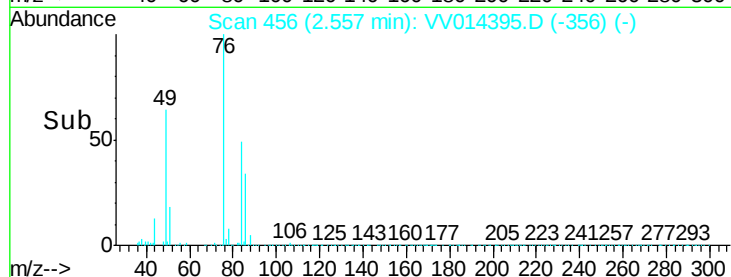
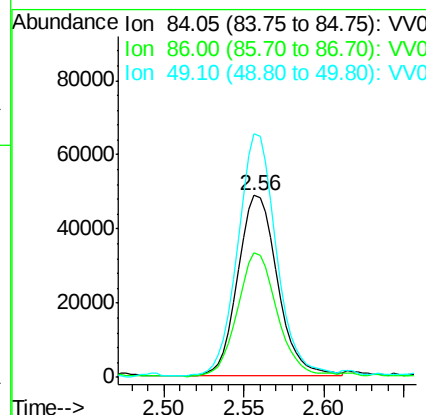
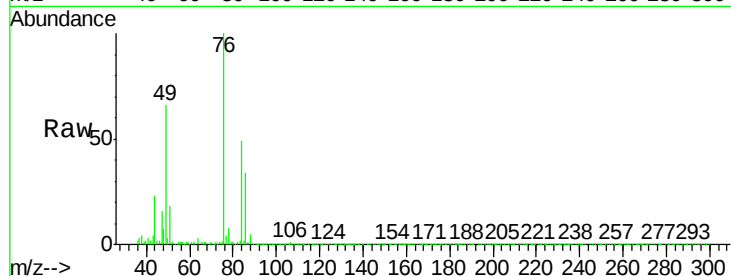
#16
Methvlene chloride
Concen: 1.257 ug/L
RT: 2.56 min Scan# 456
Delta R.T. 0.02 min
Lab File: VV014395.D
Acq: 24 Jan 2020 17:58

Instrument :
MSVOA_V
ClientSampleId :
H0AC0

Tot Ion	Ratio	Lower	Upper
84	100		
86	68.4	43.1	80.1
49	133.8	82.1	152.5

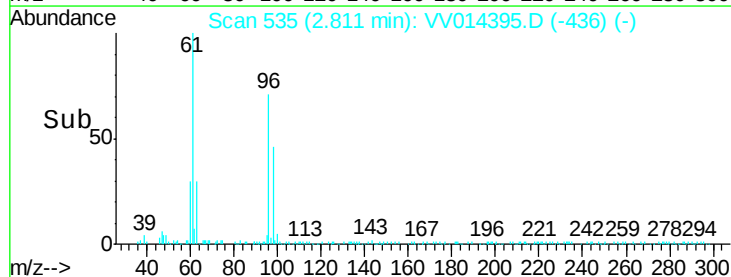
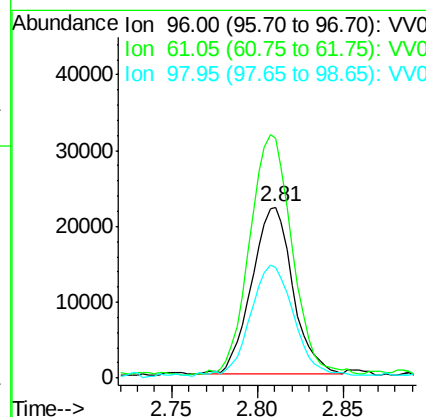
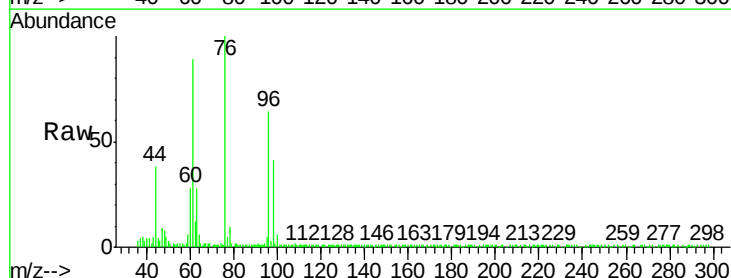
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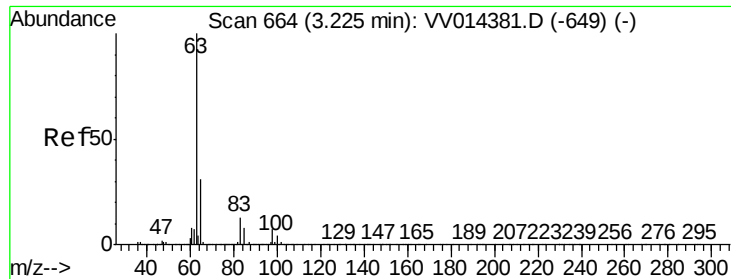
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#18
trans-1,2-Dichloroethene
Concen: 0.606 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.02 min
Lab File: VV014395.D
Acq: 24 Jan 2020 17:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.8	99.2	184.2
98	64.9	43.1	80.1





#19

1,1-Dichloroethane

Concen: 0.913 ug/L

RT: 3.24 min Scan# 670

Delta R.T. 0.02 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Instrument :

MSVOA_V

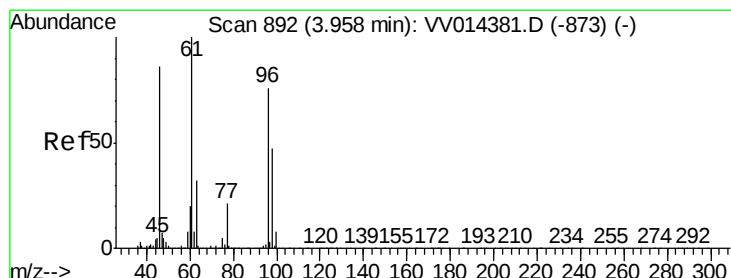
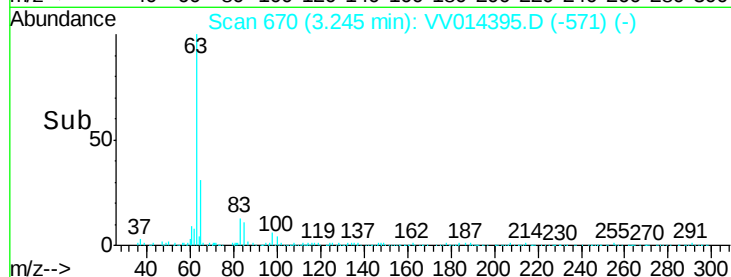
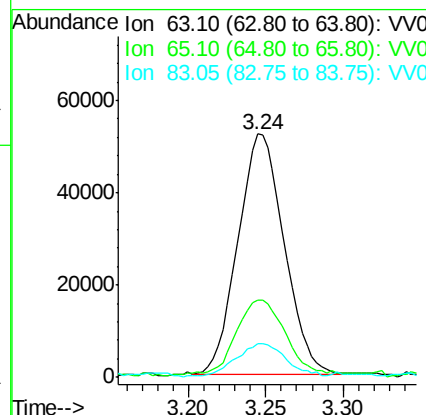
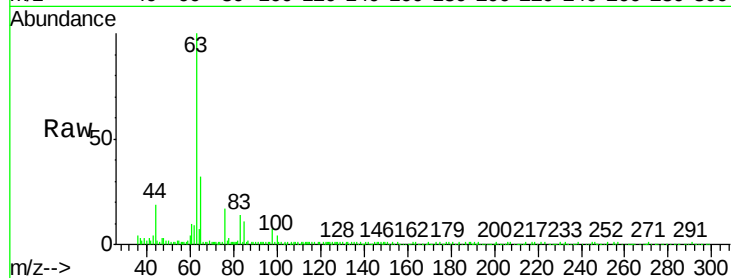
ClientSampleId :

H0AC0

Tot Ion:	63	Resp:	107800
Ion Ratio		Lower	Upper
63	100		
65	31.9	22.7	42.3
83	13.8	10.0	18.6

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#22

cis-1,2-Dichloroethene

Concen: 127.808 ug/L

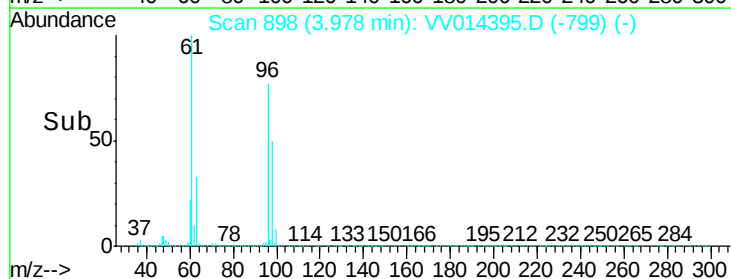
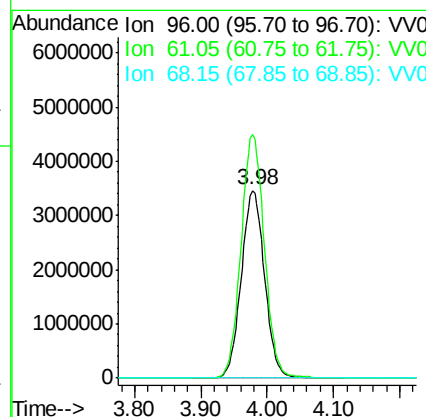
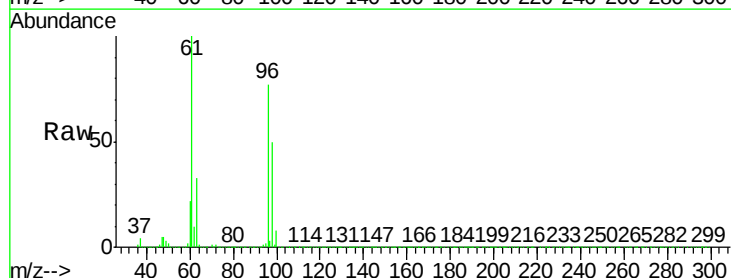
RT: 3.98 min Scan# 898

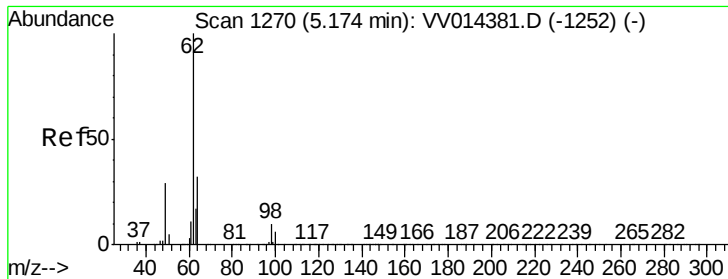
Delta R.T. 0.02 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Tgt Ion:	96	Resp:	8438570
Ion Ratio		Lower	Upper
96	100		
61	129.7	90.6	168.3
68	0.0	0.3	0.7#





#27

1,2-Dichloroethane

Concen: 0.147 ug/L

RT: 5.20 min Scan# 1277

Delta R.T. 0.02 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Instrument :

MSVOA_V

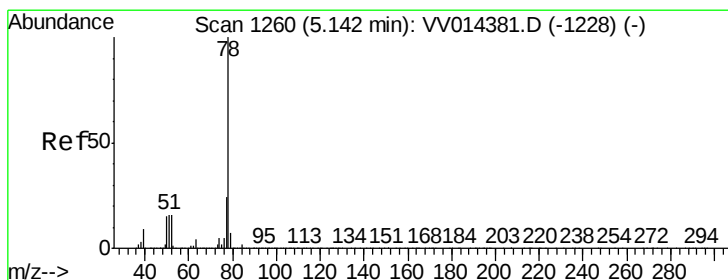
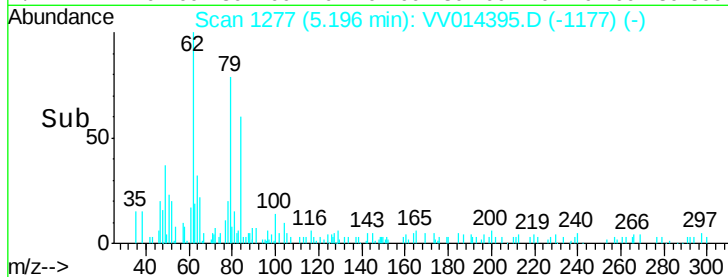
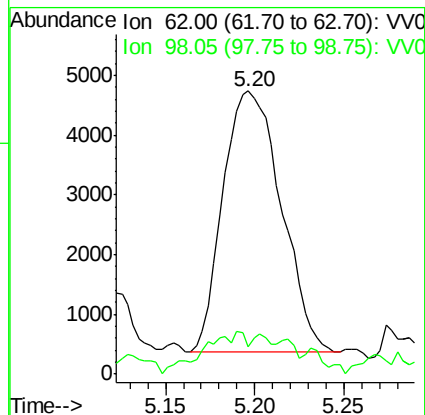
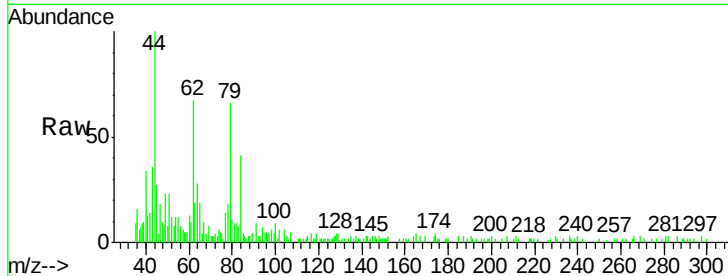
ClientSampled :

H0AC0

Tot Ion	Ratio	Lower	Upper
62	100		
98	9.5	9.2	13.8

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#33

Benzene

Concen: 0.141 ug/L

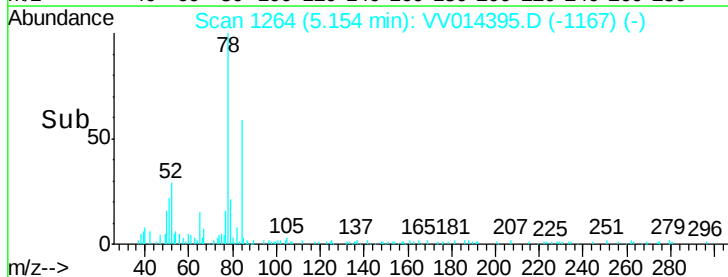
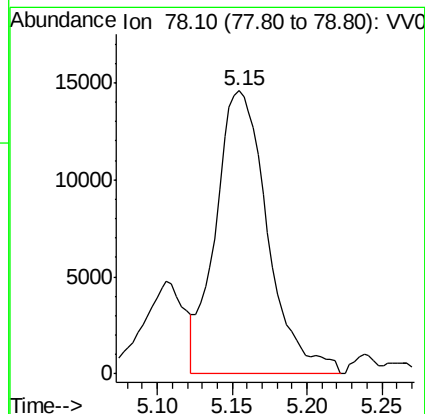
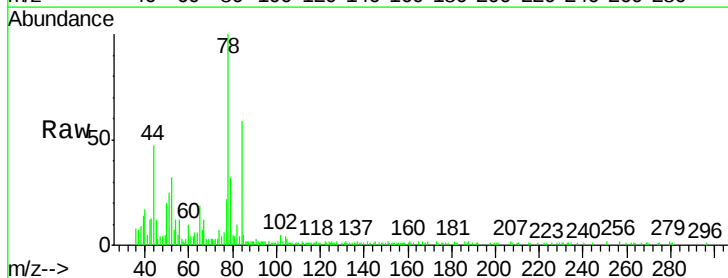
RT: 5.15 min Scan# 1264

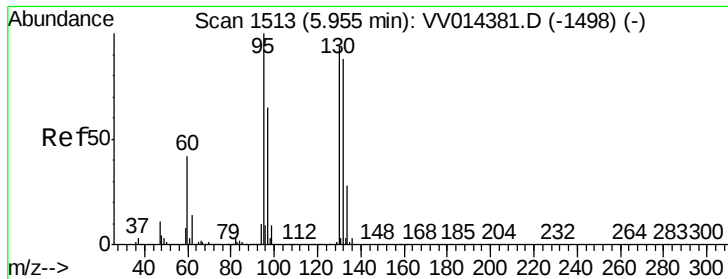
Delta R.T. 0.01 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Tgt Ion: 78 Resp: 35288





#34

Trichloroethene

Concen: 236.141 ug/L

RT: 5.99 min Scan# 1524

Delta R.T. 0.04 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

H0AC0

Tot Ion: 95 Resp:15171026

Ion Ratio Lower Upper

95 100

97 67.5 43.8 81.3

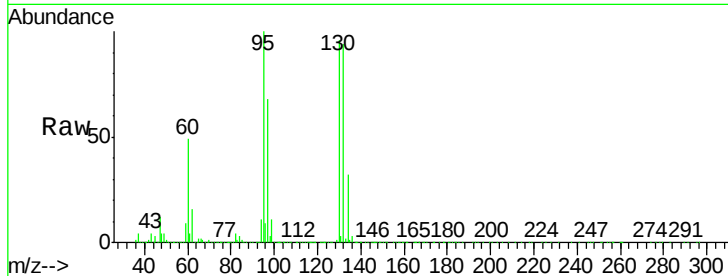
132 93.6 63.4 117.8

130 96.2 65.7 122.1

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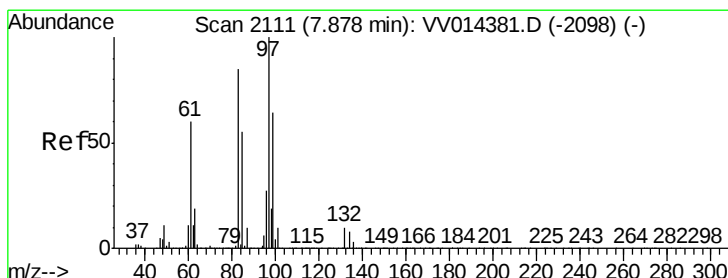
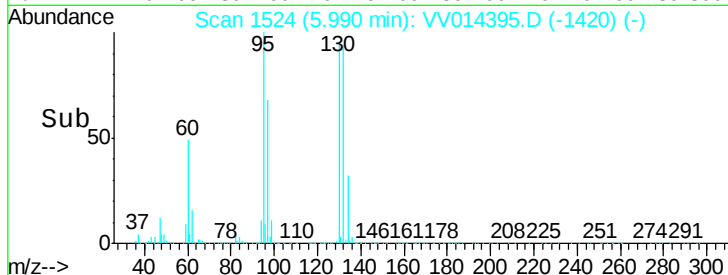
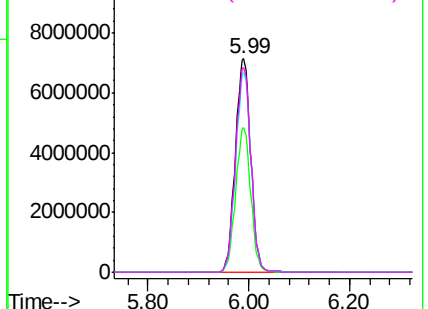


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#45

1,1,2-Trichloroethane

Concen: 1.000 ug/L

RT: 7.90 min Scan# 2119

Delta R.T. 0.03 min

Lab File: VV014395.D

Acq: 24 Jan 2020 17:58

Tgt Ion: 97 Resp: 40327

Ion Ratio Lower Upper

97 100

99 65.4 43.7 81.1

83 92.3 60.0 111.4

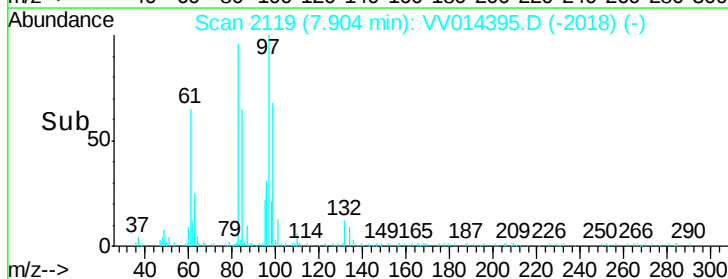
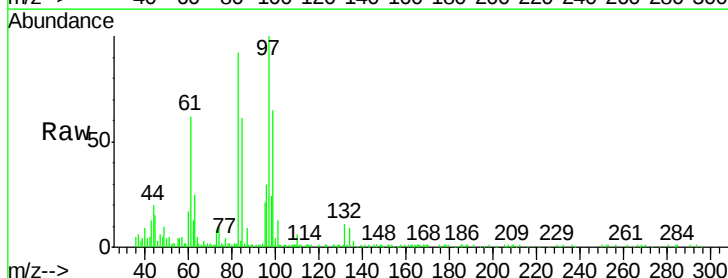
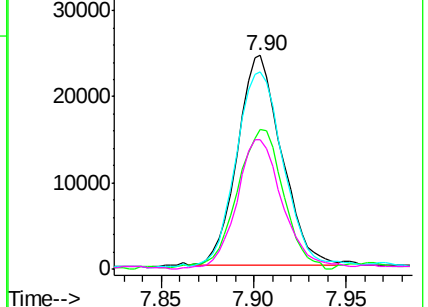
85 60.7 39.2 72.8

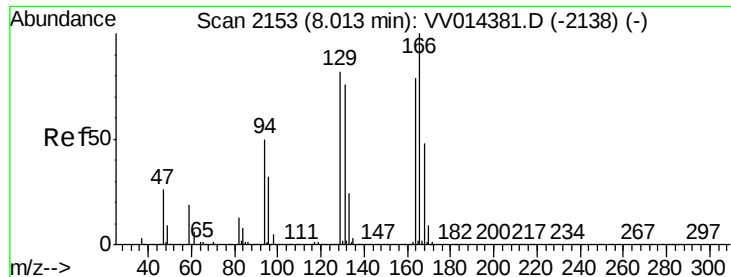
Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

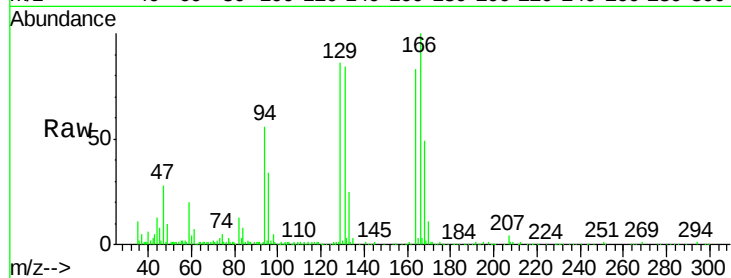
Ion 85.00 (84.70 to 85.70): VV0





#47
Tetrachloroethene
Concen: 1.166 ug/L
RT: 8.04 min Scan# 2160
Delta R.T. 0.02 min
Lab File: VV014395.D
Acq: 24 Jan 2020 17:58

Instrument :
MSVOA_V
ClientSampleId :
H0AC0



Tot Ion:	164	Resp:	51175
Ion Ratio	Lower	Upper	
164	100		
129	103.4	71.7	133.3
131	101.4	70.4	130.8
166	120.2	90.3	167.7

Manual Integrations
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