

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012420\
 Data File : VV014398.D
 Acq On : 24 Jan 2020 19:10
 Operator : SY/MD
 Sample : L1253-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC5

Manual Integrations
 APPROVED

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 1/27/2020 2:57:07 PM

Quant Time: Jan 25 01:52:05 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	5.67	114	369536	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	343061	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	154454	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.33	65	100718	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.59	69	87486	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.13	63	107107	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	3.93	46	688682	110.88	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	221.76%#
24) Chloroform-d	4.40	84	229040	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	142564	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.10	84	423389	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.12	67	153645	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	330614	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	7.66	79	65775	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.14	63	612009	102.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	205.90%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	179606	8.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	161.80%#
64) 1,2-Dichlorobenzene-d4	11.67	152	134815	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.33	62	36030m	1.393	ug/L	
13) Acetone	2.19	43	50707	11.855	ug/L	95
14) Carbon disulfide	2.32	76	54847	0.749	ug/L	97
15) Methyl Acetate	2.46	43	121611	12.213	ug/L	98
16) Methylene chloride	2.54	84	69661	2.592	ug/L	94
18) trans-1,2-Dichloroethene	2.80	96	27809	1.121	ug/L	97
19) 1,1-Dichloroethane	3.23	63	78163	1.607	ug/L	93
21) 2-Butanone	4.03	43	64378	10.034	ug/L #	68
22) cis-1,2-Dichloroethene	3.96	96	6240904	229.408	ug/L #	98
25) Chloroform	4.42	83	11722	0.252	ug/L	93
27) 1,2-Dichloroethane	5.20	62	6262	0.225	ug/L #	51
29) 1,1,1-Trichloroethane	4.66	97	4205	0.103	ug/L #	85
33) Benzene	5.15	78	12810	0.121	ug/L	100
34) Trichloroethene	5.96	95	6758232	248.917	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	24694	1.450	ug/L	97
47) Tetrachloroethene	8.02	164	22871	1.233	ug/L	97

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

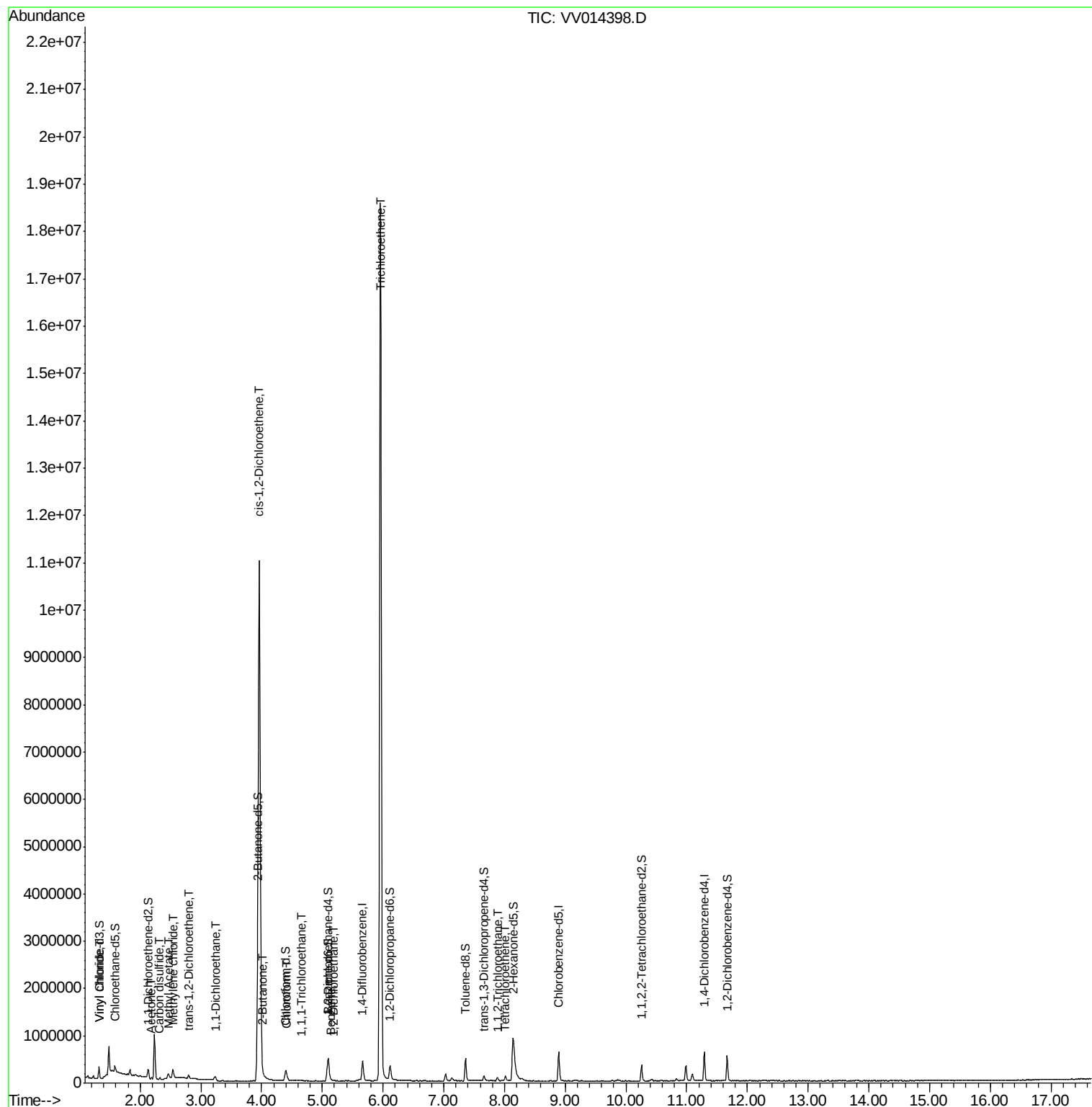
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012420\
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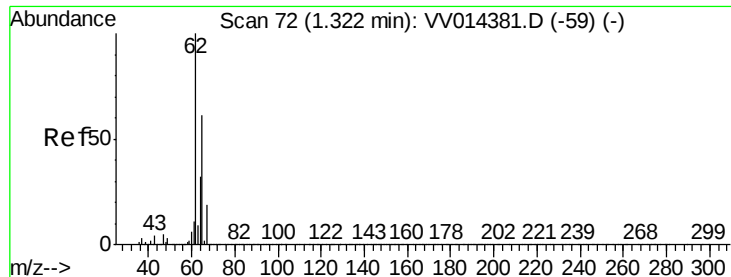
Instrument :
MSVOA_V
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#5

Vinyl chloride

Concen: 1.393 ug/L m

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VV014398.D

Acq: 24 Jan 2020 19:10

Instrument :

MSVOA_V

ClientSampled :

H0AC5

Tot Ion: 62 Resp: 36030

Ion Ratio Lower Upper

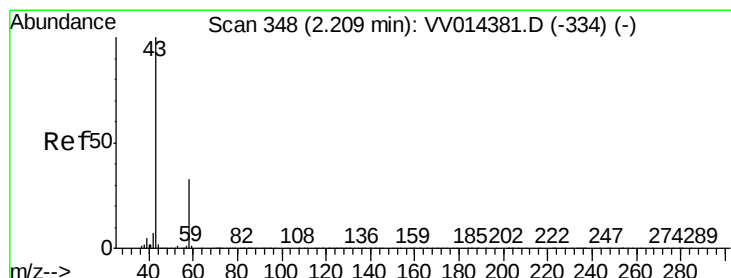
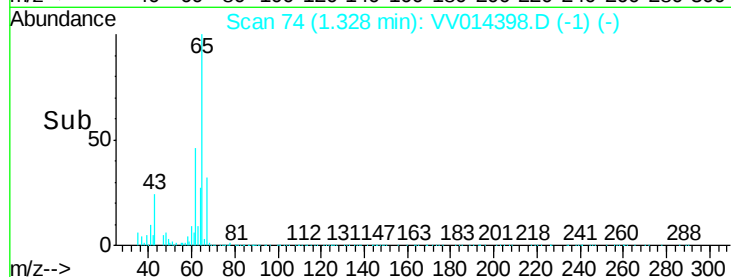
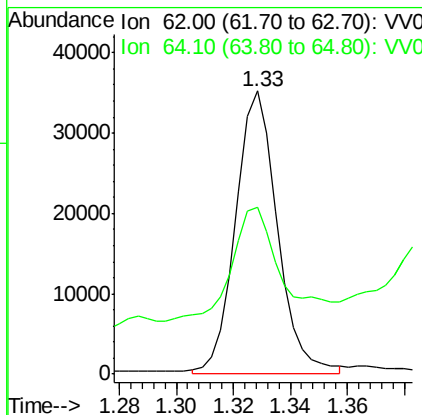
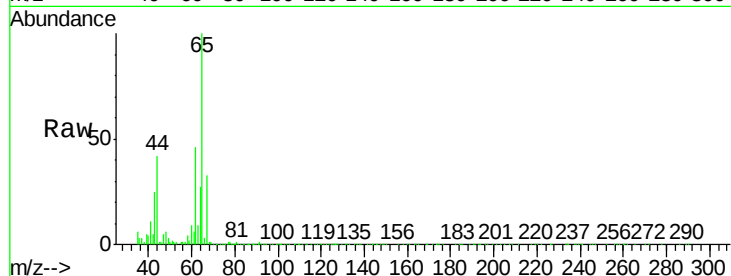
62 100

64 58.9 23.0 42.6#

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#13

Acetone

Concen: 11.855 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV014398.D

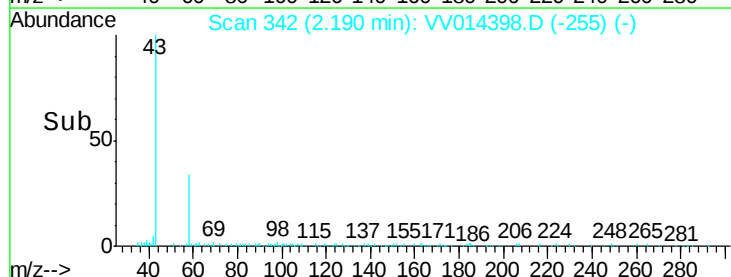
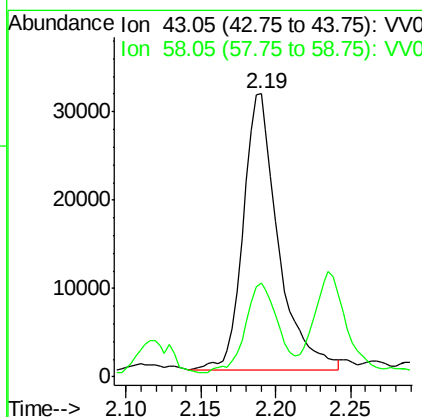
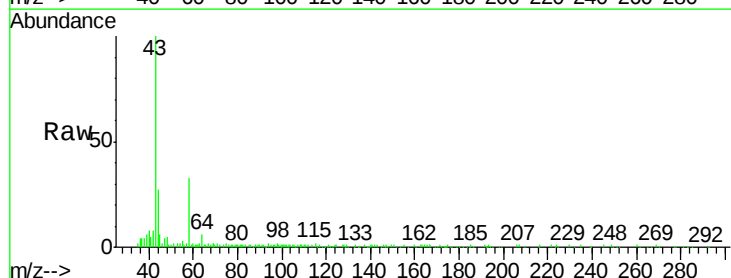
Acq: 24 Jan 2020 19:10

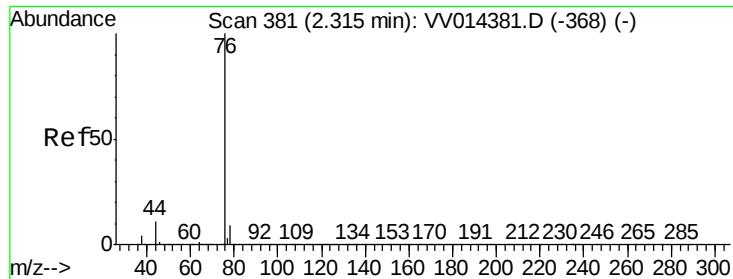
Tgt Ion: 43 Resp: 50707

Ion Ratio Lower Upper

43 100

58 30.1 0.0 66.0





#14

Carbon disulfide

Concen: 0.749 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV014398.D

Acq: 24 Jan 2020 19:10

Instrument :

MSVOA_V

ClientSampleId :

H0AC5

Tot Ion: 76 Resp: 54847

Ion Ratio Lower Upper

76 100

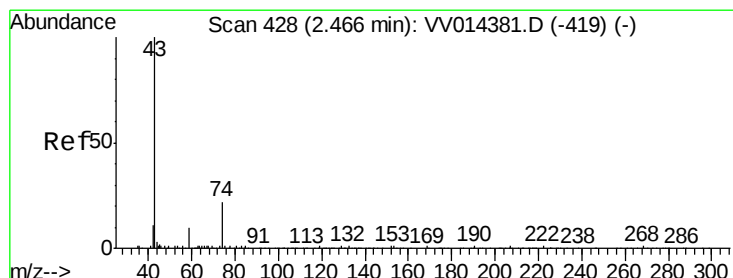
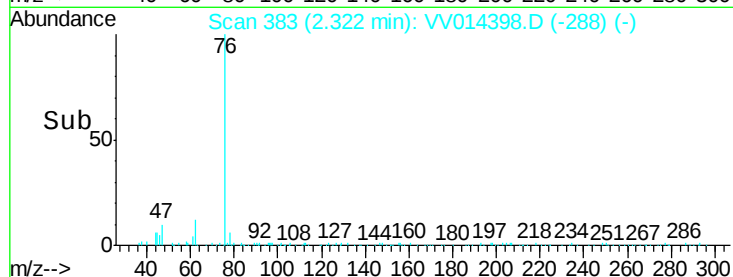
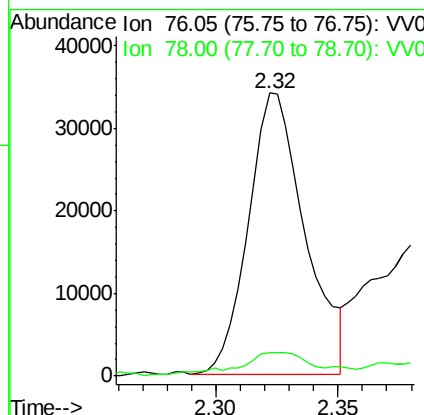
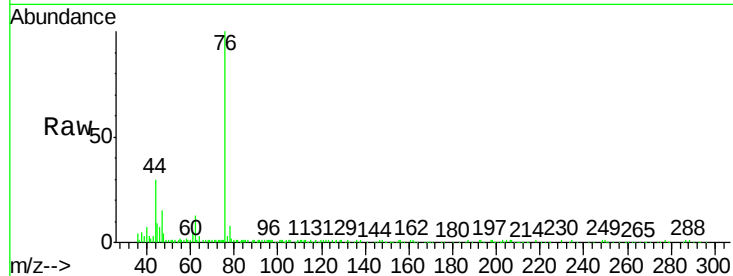
78 8.2 7.5 11.3

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#15

Methyl Acetate

Concen: 12.213 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.00 min

Lab File: VV014398.D

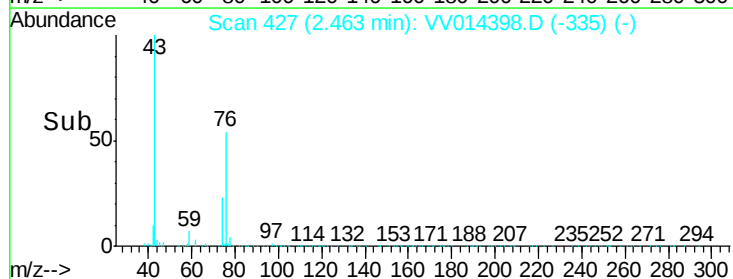
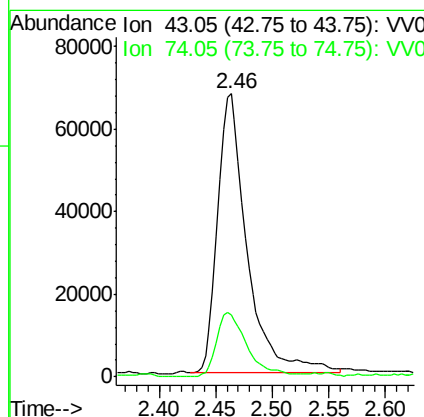
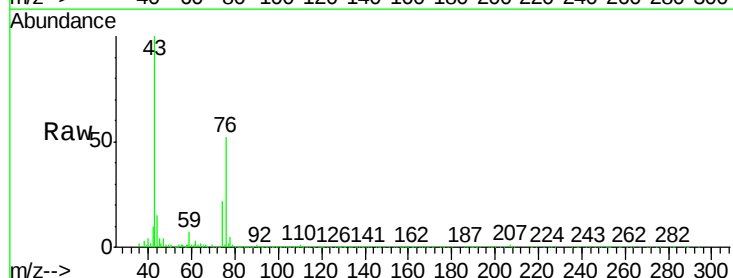
Acq: 24 Jan 2020 19:10

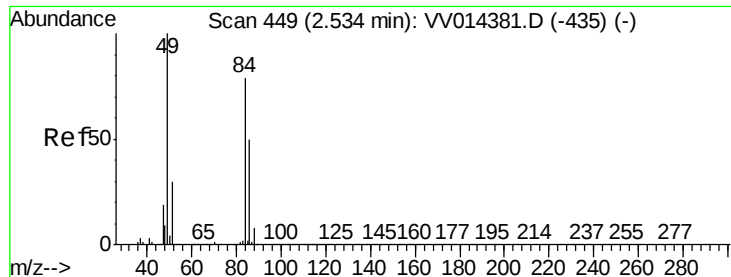
Tgt Ion: 43 Resp: 121611

Ion Ratio Lower Upper

43 100

74 24.5 18.6 28.0





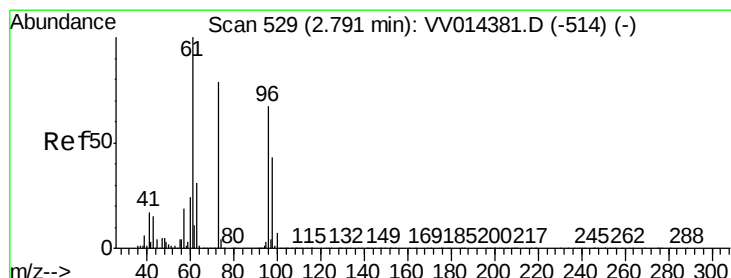
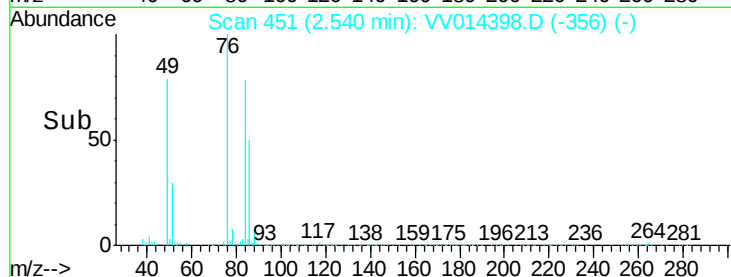
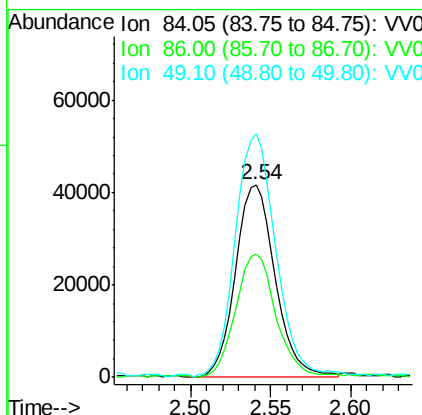
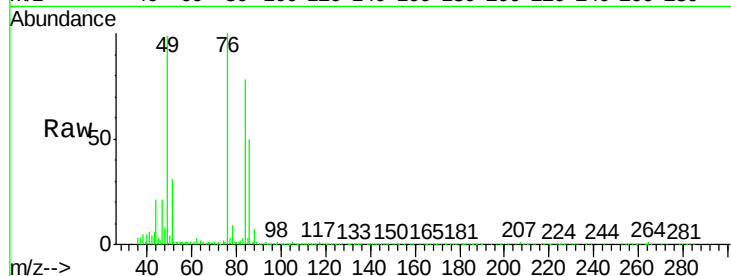
#16
Methvlene chloride
Concen: 2.592 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV014398.D
Acq: 24 Jan 2020 19:10

Instrument :
MSVOA_V
ClientSampleId :
H0AC5

Tot Ion	Ratio	Lower	Upper
84	100		
86	64.0	43.1	80.1
49	126.3	82.1	152.5

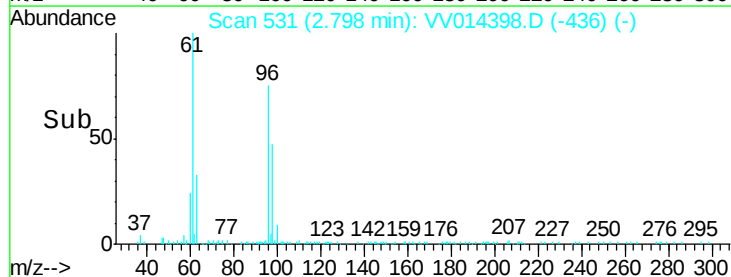
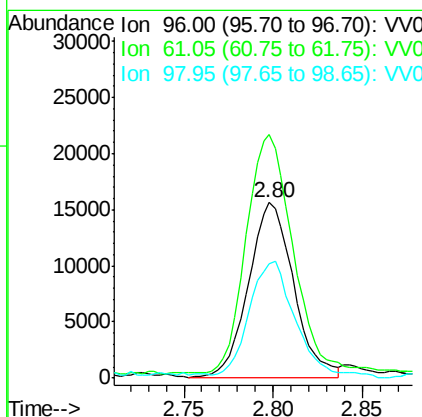
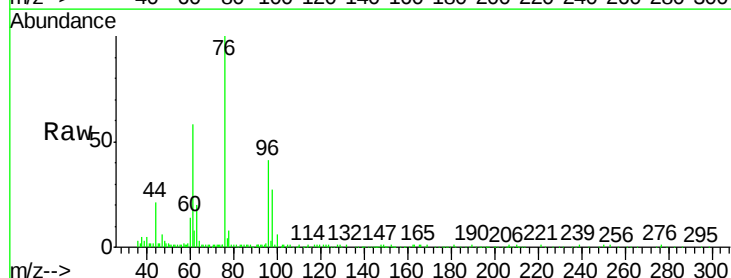
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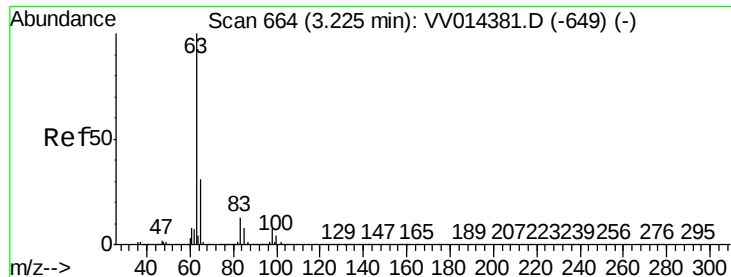
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#18
trans-1,2-Dichloroethene
Concen: 1.121 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.01 min
Lab File: VV014398.D
Acq: 24 Jan 2020 19:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.8	99.2	184.2
98	65.1	43.1	80.1





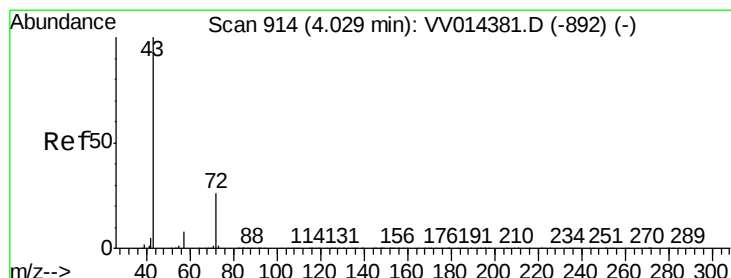
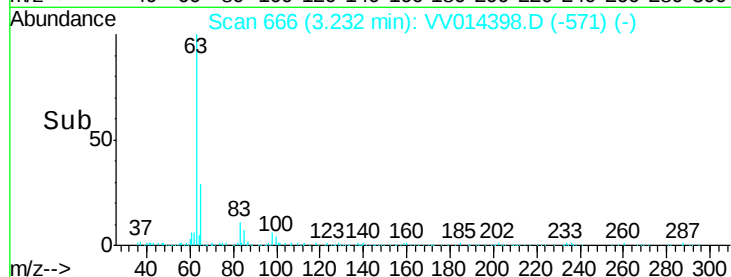
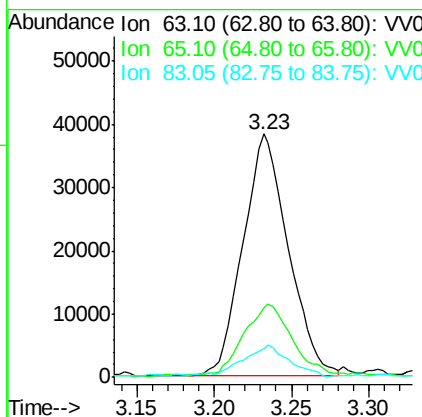
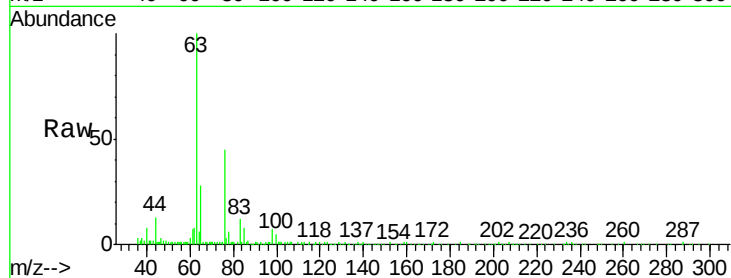
#19
 1,1-Dichloroethane
 Concen: 1.607 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VV014398.D
 Acq: 24 Jan 2020 19:10

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC5

Tot Ion:	63	Resp:	78163
Ion Ratio	Lower	Upper	
63	100		
65	28.5	22.7	42.3
83	11.7	10.0	18.6

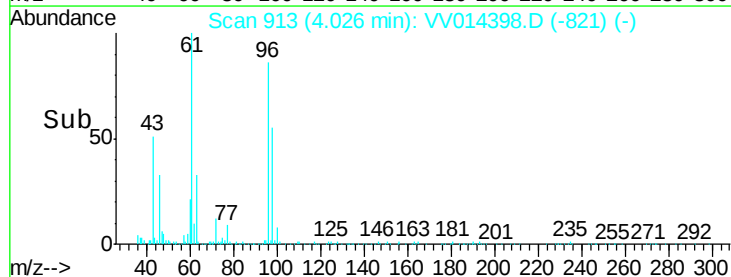
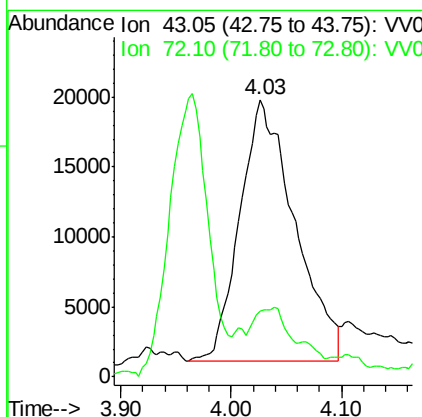
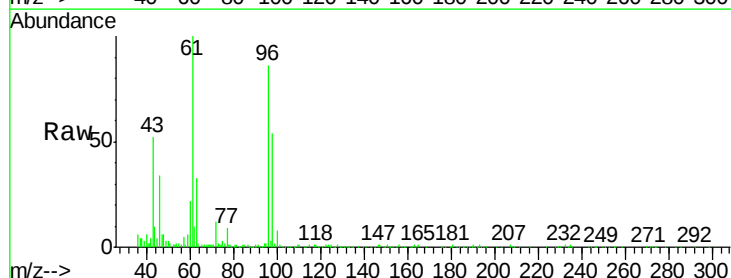
Manual Integrations
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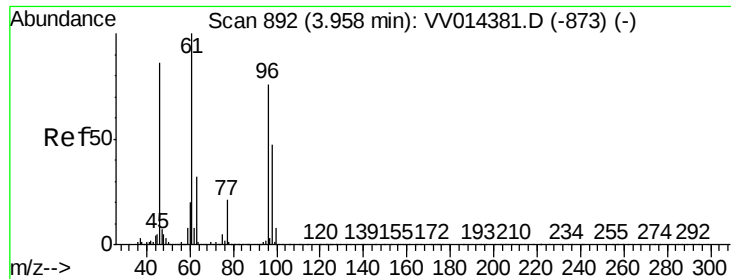
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#21
 2-Butanone
 Concen: 10.034 ug/L
 RT: 4.03 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VV014398.D
 Acq: 24 Jan 2020 19:10

Tgt Ion:	43	Resp:	64378
Ion Ratio	Lower	Upper	
43	100		
72	8.6	12.4	37.2#





#22

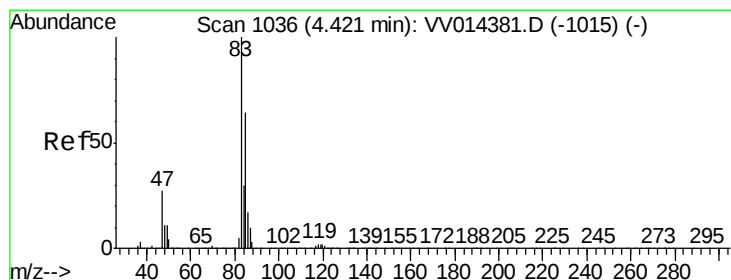
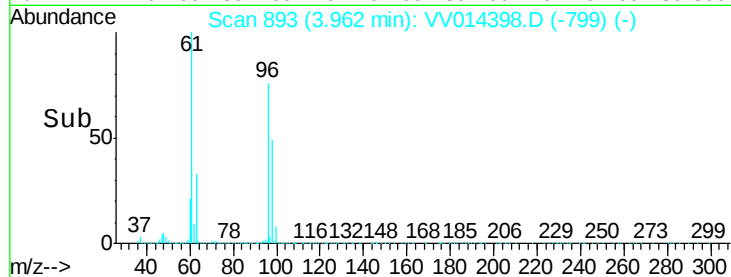
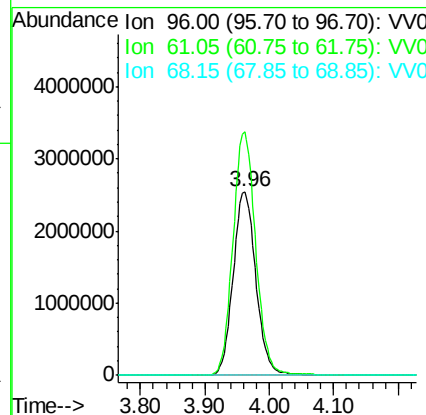
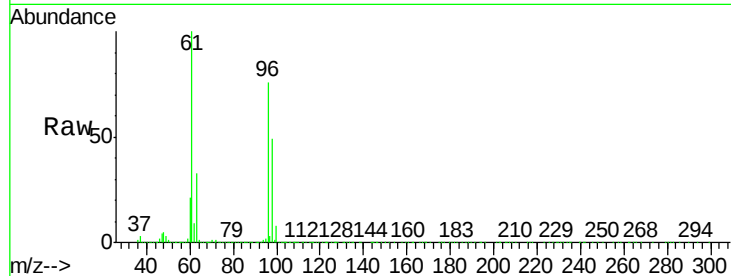
cis-1,2-Dichloroethene
 Concen: 229.408 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV014398.D
 Acq: 24 Jan 2020 19:10

Instrument :
 MSVOA_V
 ClientSampled :
 H0AC5

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.3	90.6	168.3
68	0.0	0.3	0.7#

Manual Integrations
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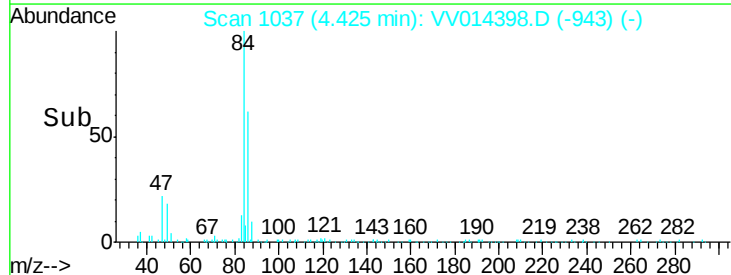
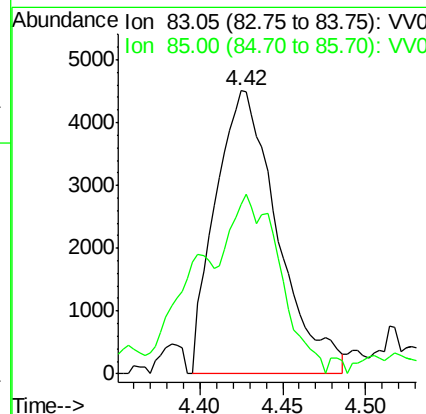
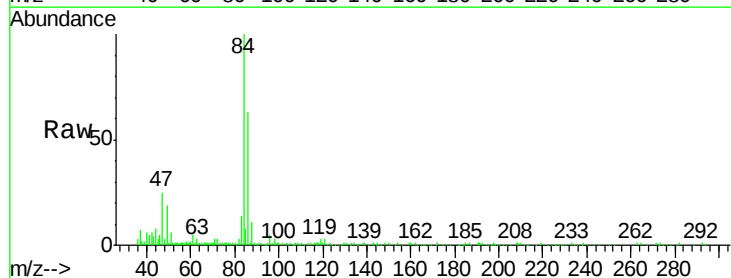
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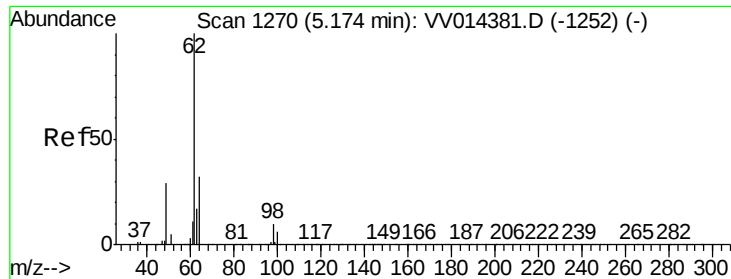


#25

Chloroform
 Concen: 0.252 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV014398.D
 Acq: 24 Jan 2020 19:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.1	46.2	85.8





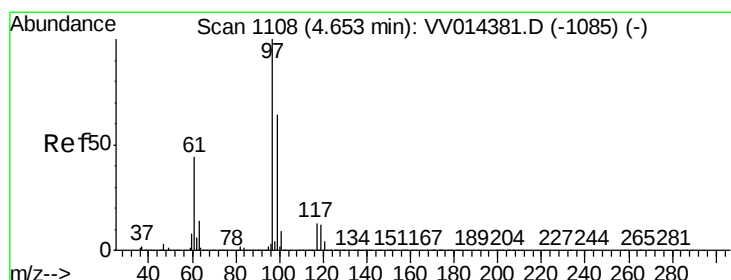
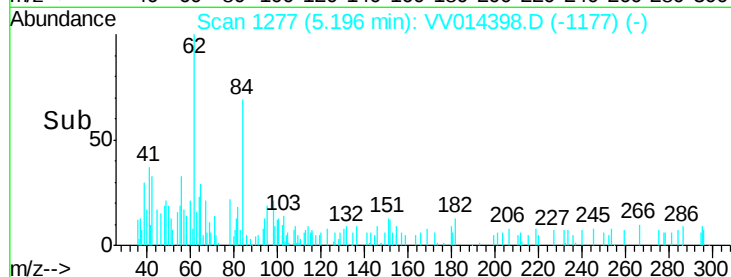
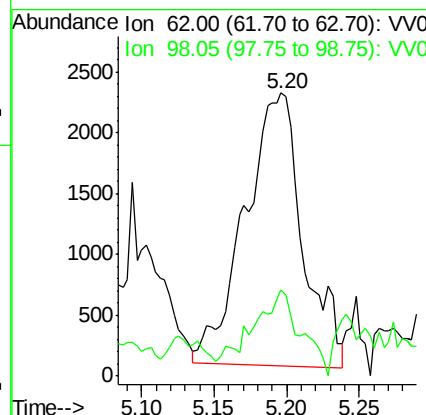
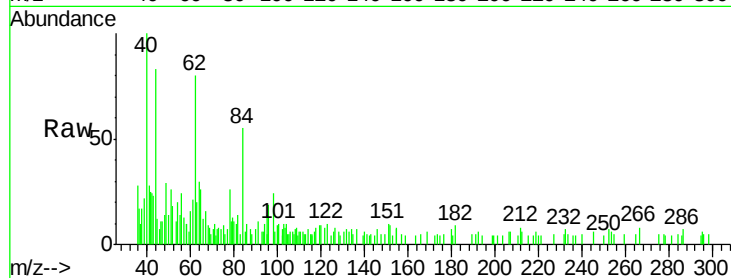
#27
 1,2-Dichloroethane
 Concen: 0.225 ug/L
 RT: 5.20 min Scan# 1277
 Delta R.T. 0.02 min
 Lab File: VV014398.D
 Acq: 24 Jan 2020 19:10

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC5

Tot Ion	Ratio	Lower	Upper
62	100		
98	30.4	9.2	13.8#

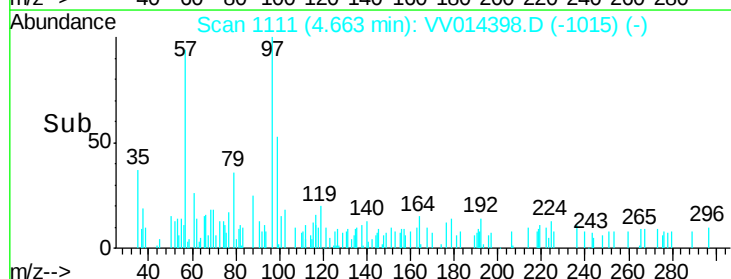
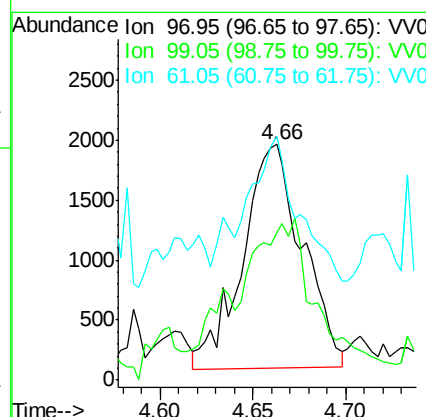
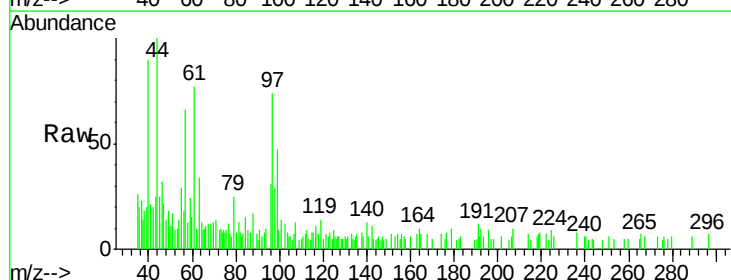
Manual Integrations
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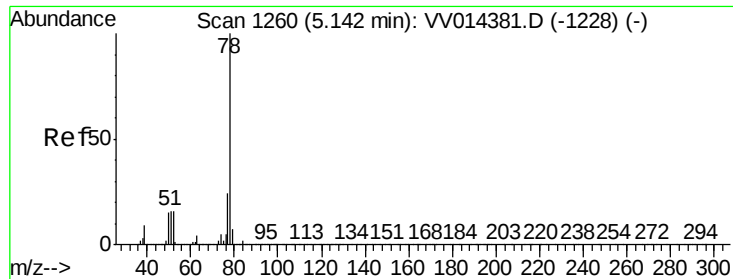
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#29
 1,1,1-Trichloroethane
 Concen: 0.103 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VV014398.D
 Acq: 24 Jan 2020 19:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.8	51.1	76.7
61	60.1	33.9	50.9#





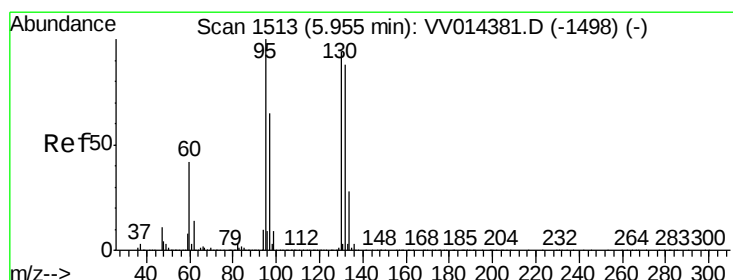
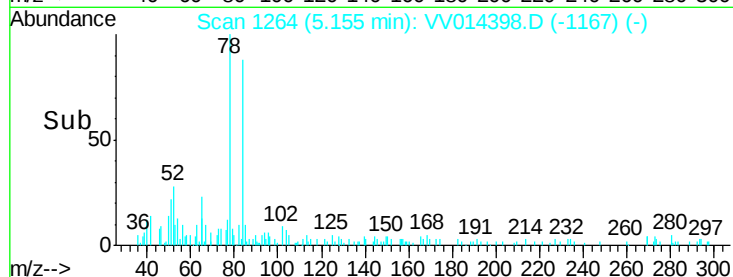
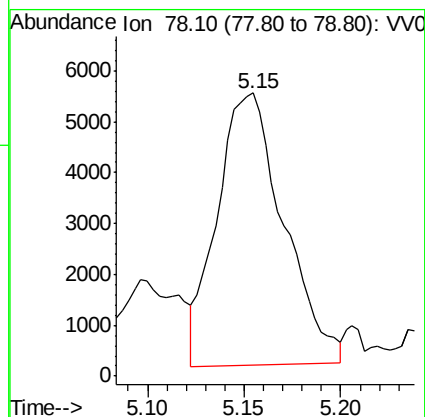
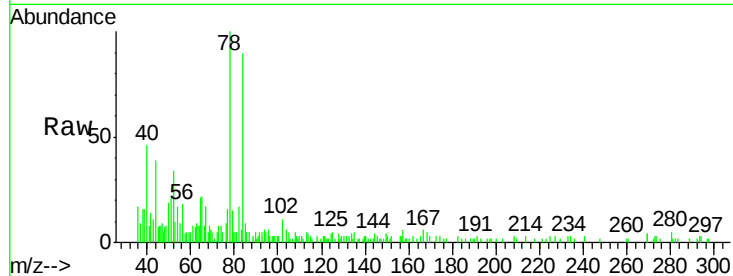
#33
Benzene
Concen: 0.121 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VV014398.D
Acq: 24 Jan 2020 19:10

Instrument :
MSVOA_V
ClientSampleId :
H0AC5

Tgt Ion: 78 Resp: 12810

Manual Integrations
APPROVED

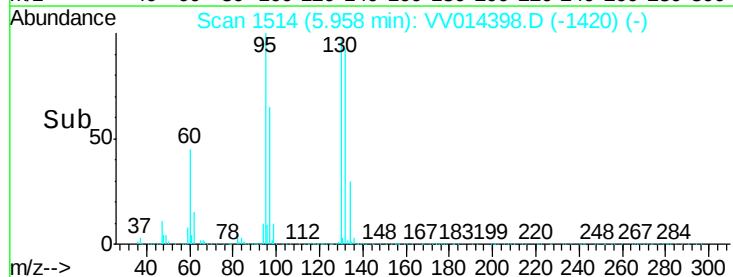
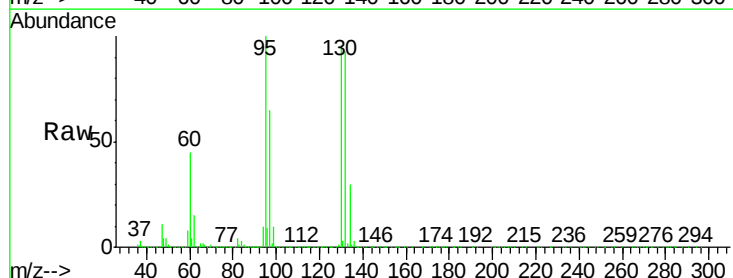
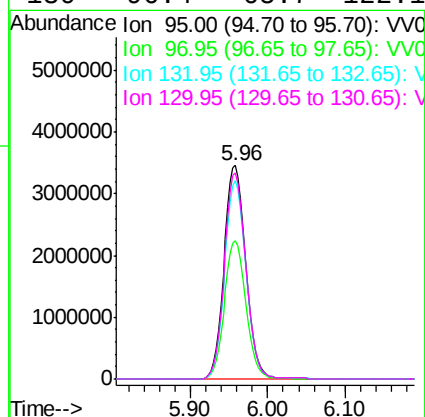
MMDadoda
1/27/2020 2:57:07 PM

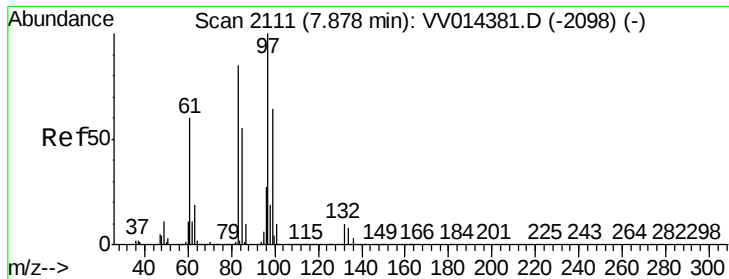


#34
Trichloroethene
Concen: 248.917 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV014398.D
Acq: 24 Jan 2020 19:10

Tgt Ion: 95 Resp: 6758232

Ion	Ratio	Lower	Upper
95	100		
97	64.9	43.8	81.3
132	92.7	63.4	117.8
130	96.4	65.7	122.1





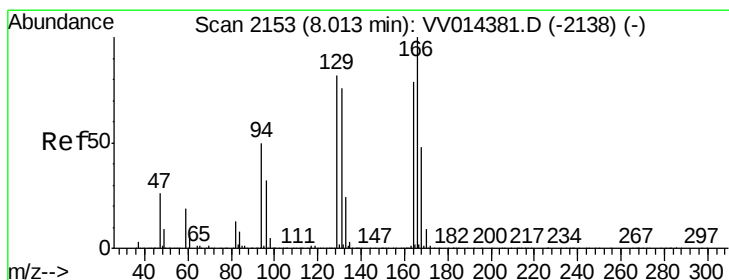
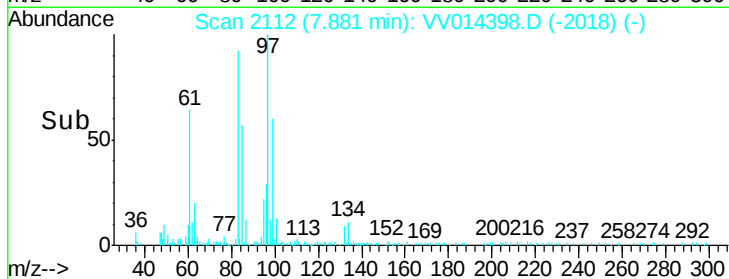
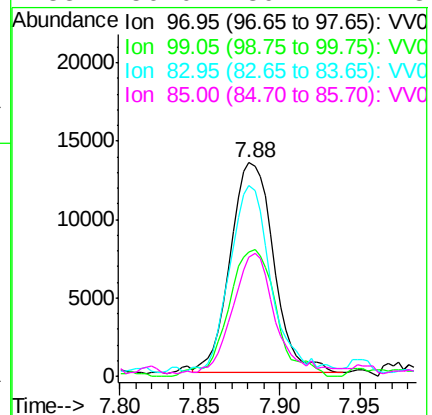
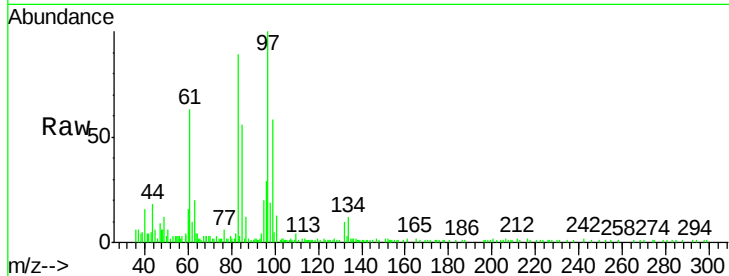
#45
 1,1,2-Trichloroethane
 Concen: 1.450 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV014398.D
 Acq: 24 Jan 2020 19:10

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC5

Tot Ion	Ratio	Lower	Upper
97	100		
99	58.0	43.7	81.1
83	89.1	60.0	111.4
85	56.0	39.2	72.8

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 2:57:07 PM



#47
 Tetrachloroethene
 Concen: 1.233 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: VV014398.D
 Acq: 24 Jan 2020 19:10

Tgt Ion	Ratio	Lower	Upper
164	100		
129	99.5	71.7	133.3
131	102.3	70.4	130.8
166	124.1	90.3	167.7

