

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020320\
 Data File : VV014488.D
 Acq On : 03 Feb 2020 16:52
 Operator : SY/MD
 Sample : L1326-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBCS9

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 12:28:03 PM

Quant Time: Feb 04 06:01:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 04 05:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	439515	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	410294	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	197334	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121373	49.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.44%
7) Chloroethane-d5	1.58	69	89004	58.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.30%
11) 1,1-Dichloroethene-d2	2.13	63	146163	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.70%
21) 2-Butanone-d5	3.92	46	227983	138.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	138.81%#
24) Chloroform-d	4.40	84	304997	59.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.08%
26) 1,2-Dichloroethane-d4	5.07	65	190766	61.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.60%
32) Benzene-d6	5.09	84	636168	58.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.78%
36) 1,2-Dichloropropane-d6	6.11	67	204285	59.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.54%
41) Toluene-d8	7.35	98	587474	58.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.82%
43) trans-1,3-Dichloropropene-	7.66	79	104939	60.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.80%
47) 2-Hexanone-d5	8.12	63	180799	135.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	135.20%#
57) 1,1,2,2-Tetrachloroethane-	10.25	84	266410	60.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	121.00%#
64) 1,2-Dichlorobenzene-d4	11.67	152	222581	61.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.48%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.33	62	14539	4.716	ug/L	85
13) Acetone	2.18	43	26428	18.858	ug/L	97
14) Carbon disulfide	2.32	76	8621	1.050	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	17076	5.888	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	1697155	524.728	ug/L	99
22) 2-Butanone	4.02	43	9353m	4.632	ug/L	
25) Chloroform	4.42	83	93996	17.635	ug/L	100
27) 1,2-Dichloroethane	5.18	62	7472	1.972	ug/L	99
34) Trichloroethene	5.96	95	56437	18.457	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	16393	5.735	ug/L	95
46) Tetrachloroethene	8.01	164	32484	14.526	ug/L	97

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

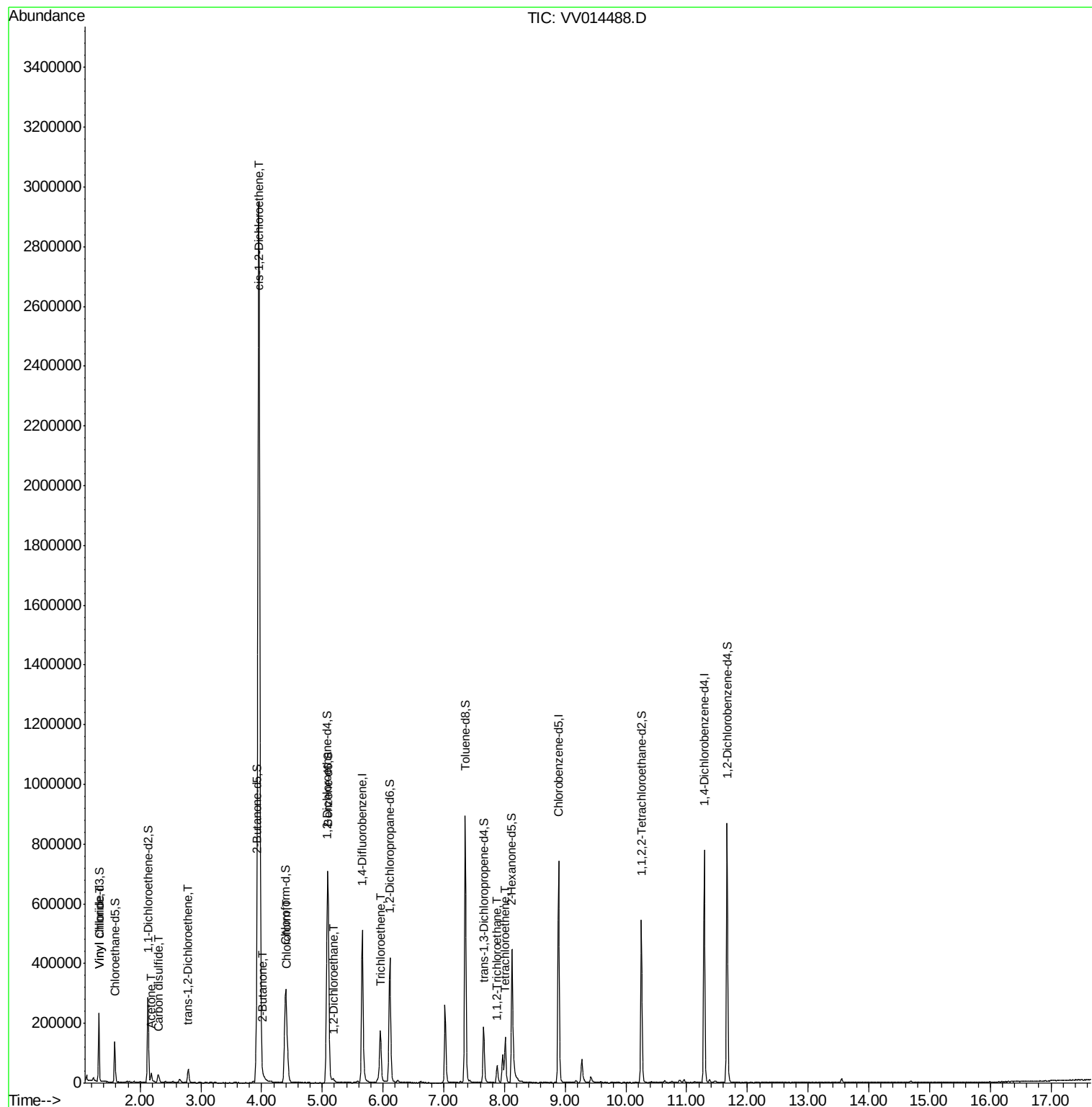
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV020320\
Data File : VV014488.D
Acq On : 03 Feb 2020 16:52
Operator : SY/MD
Sample : L1326-07
Misc : 5.0mL/MSVOA V/WATER
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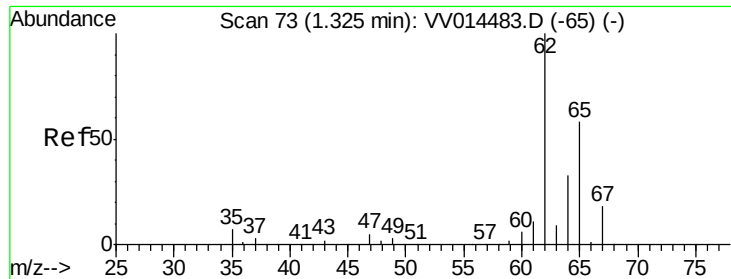
Instrument :
MSVOA_V
ClientSampleId :
DBCS9

Manual Integrations
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Quant Time: Feb 04 06:01:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 05:31:51 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.716 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV014488.D

Acq: 03 Feb 2020 16:52

Instrument :

MSVOA_V

ClientSampled :

DBCS9

Tot Ion: 62 Resp: 14539

Ion Ratio Lower Upper

62 100

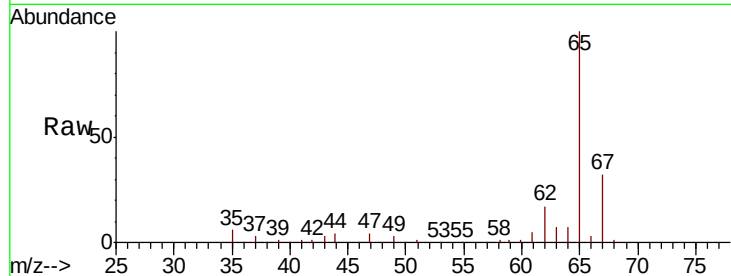
64 40.7 22.7 42.1

Manual Integrations

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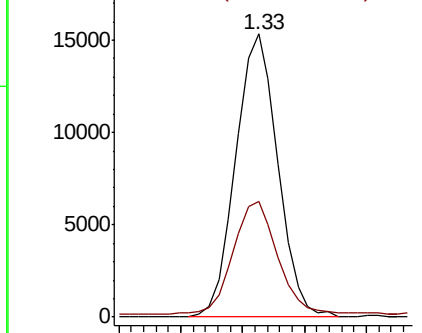
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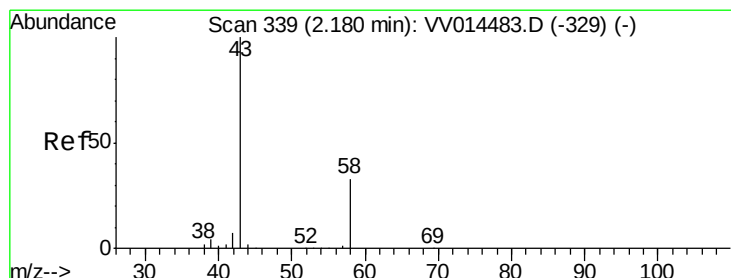
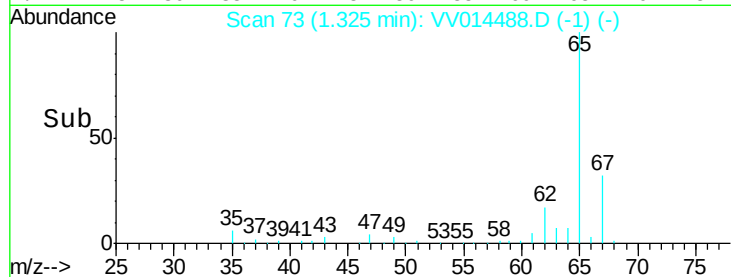


Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



Time--> 1.28 1.30 1.32 1.34 1.36



#13

Acetone

Concen: 18.858 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV014488.D

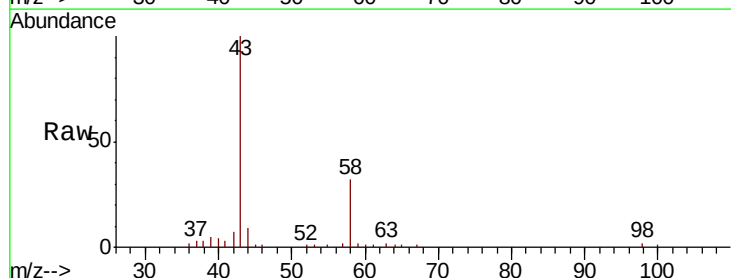
Acq: 03 Feb 2020 16:52

Tgt Ion: 43 Resp: 26428

Ion Ratio Lower Upper

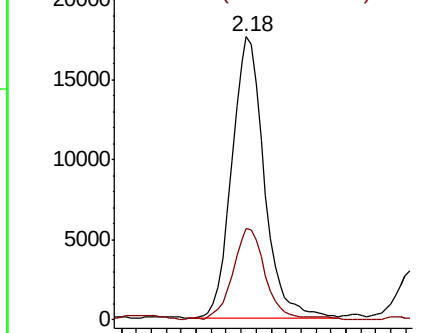
43 100

58 32.4 0.0 61.2

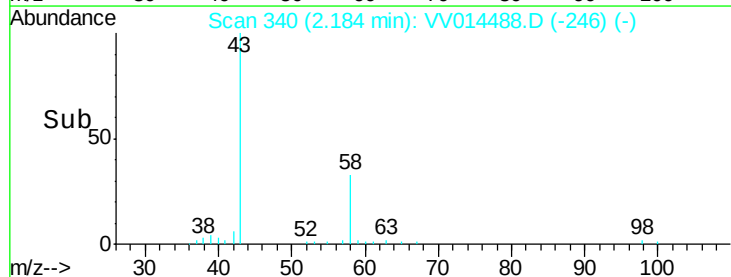


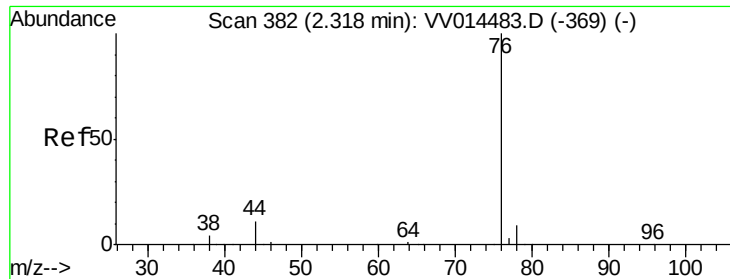
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



Time--> 2.10 2.15 2.20 2.25





#14

Carbon disulfide

Concen: 1.050 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV014488.D

Acq: 03 Feb 2020 16:52

Instrument :

MSVOA_V

ClientSampled :

DBCS9

Tot Ion: 76 Resp: 8621

Ion Ratio Lower Upper

76 100

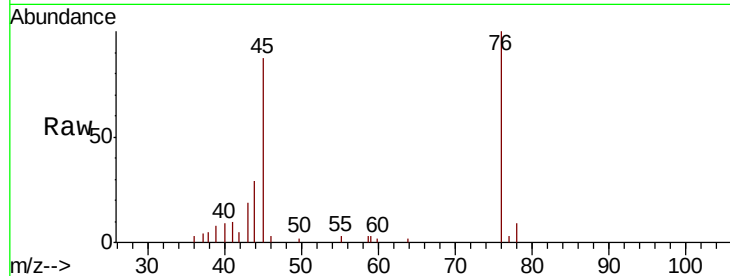
78 9.1 7.2 10.8

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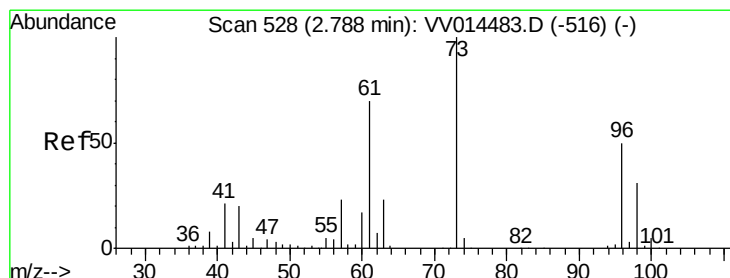
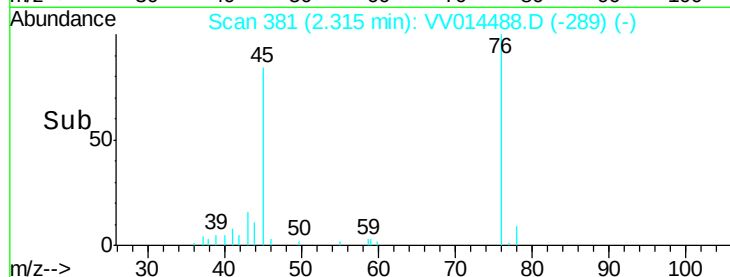
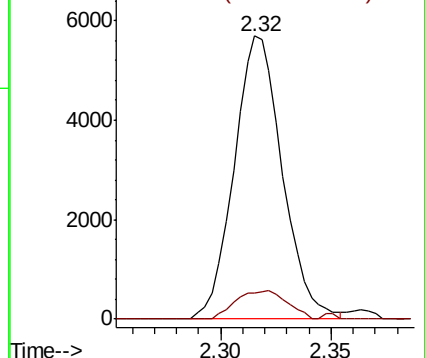
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Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 5.888 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV014488.D

Acq: 03 Feb 2020 16:52

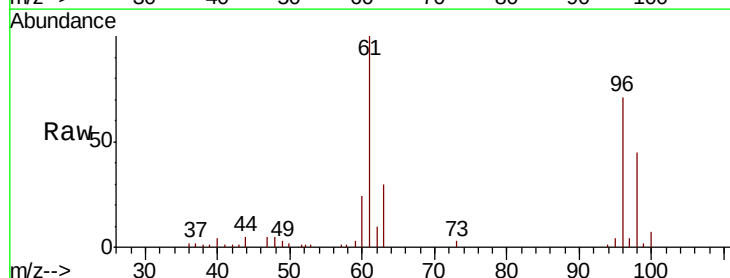
Tgt Ion: 96 Resp: 17076

Ion Ratio Lower Upper

96 100

61 141.5 96.7 179.7

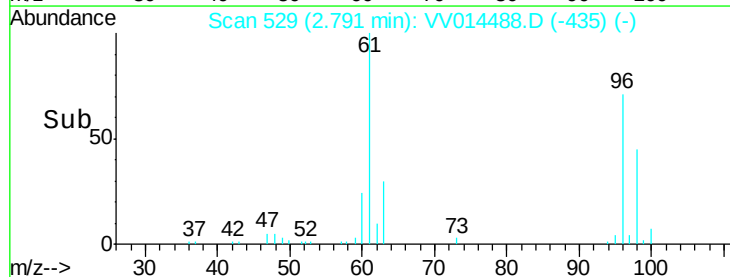
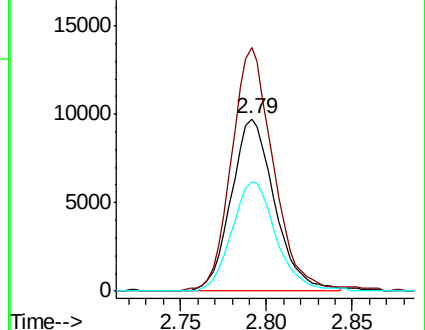
98 63.8 44.1 81.9

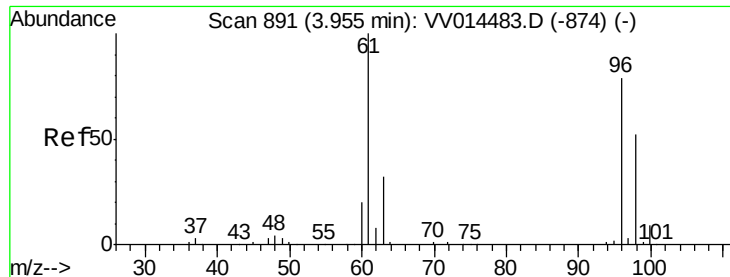


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





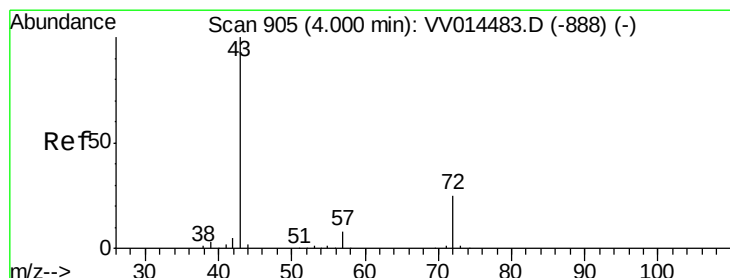
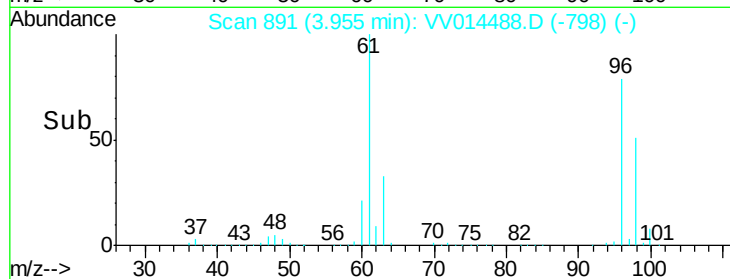
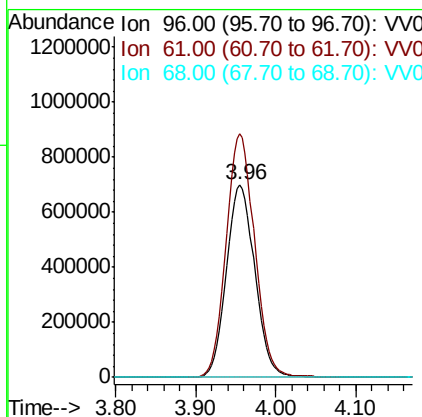
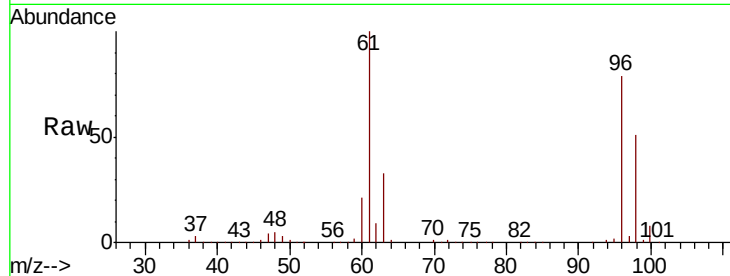
#20
 cis-1,2-Dichloroethene
 Concen: 524.728 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: VV014488.D
 Acq: 03 Feb 2020 16:52

Instrument :
 MSVOA_V
 ClientSampled :
 DBCS9

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.4	88.9	165.1
68	0.0	0.0	0.0

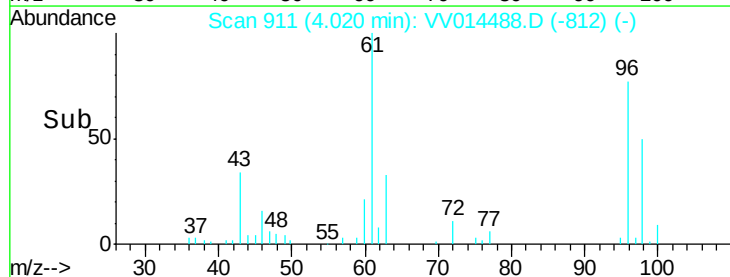
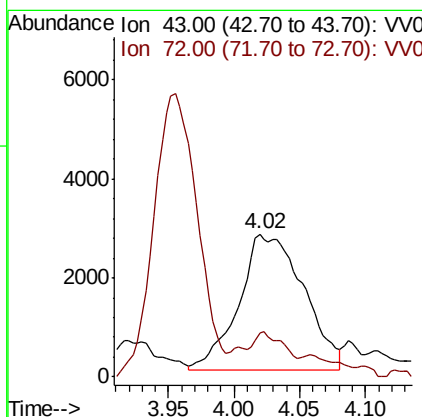
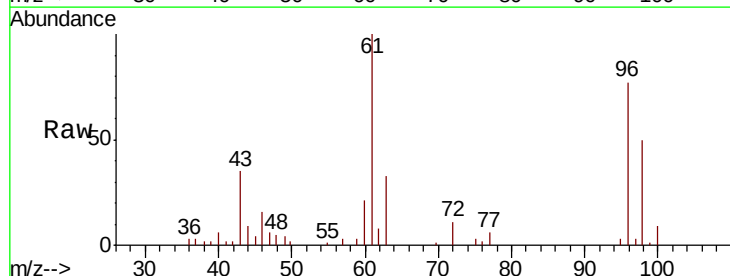
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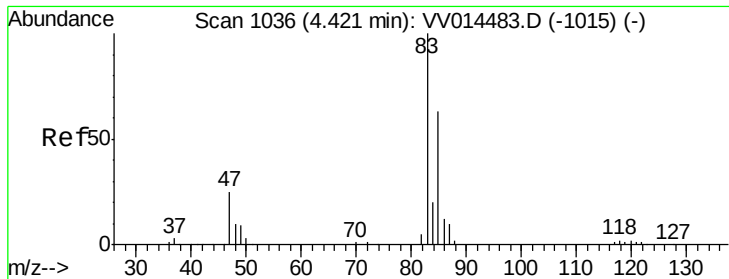
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#22
 2-Butanone
 Concen: 4.632 ug/L m
 RT: 4.02 min Scan# 911
 Delta R.T. 0.02 min
 Lab File: VV014488.D
 Acq: 03 Feb 2020 16:52

Tgt Ion	Ratio	Lower	Upper
43	100		
72	2.9	13.8	41.3#





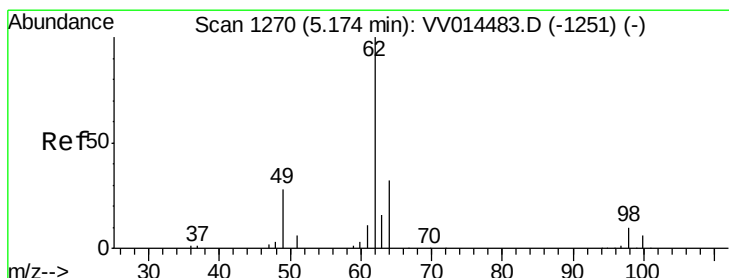
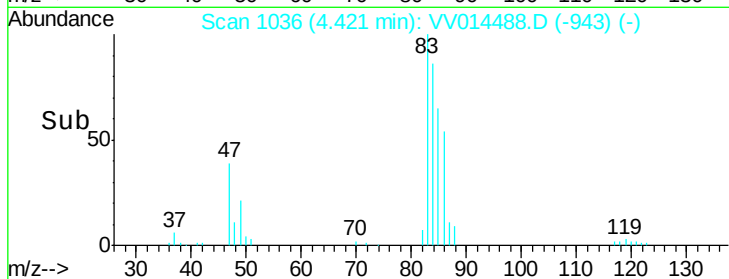
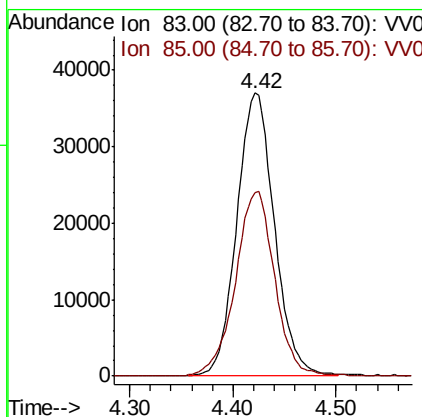
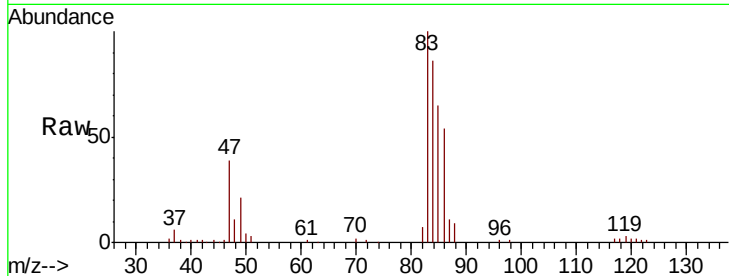
#25
Chloroform
Concen: 17.635 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014488.D
Acq: 03 Feb 2020 16:52

Instrument :
MSVOA_V
ClientSampleId :
DBCS9

Tot Ion	83	Resp	93996
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	45.1	83.7

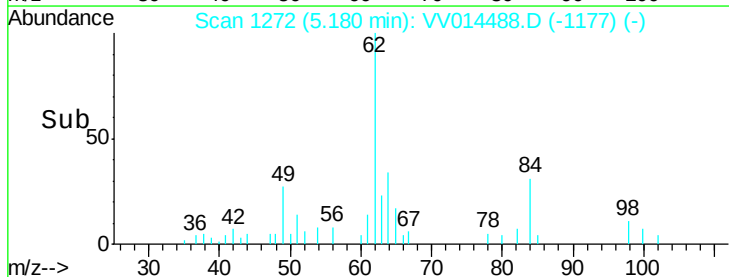
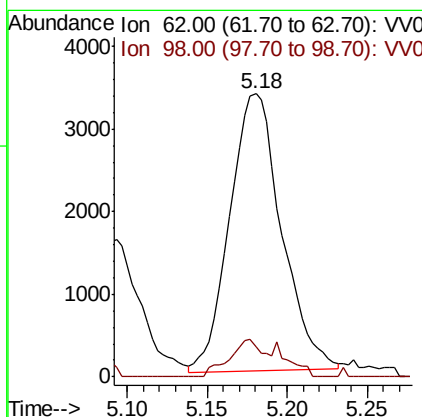
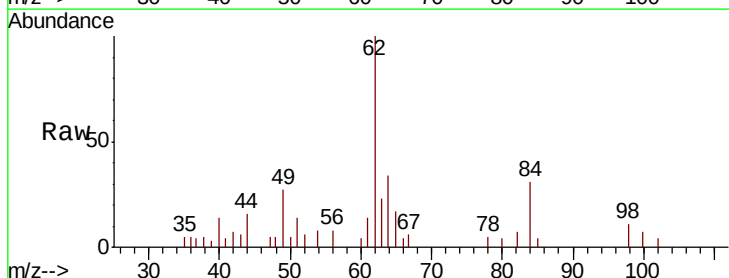
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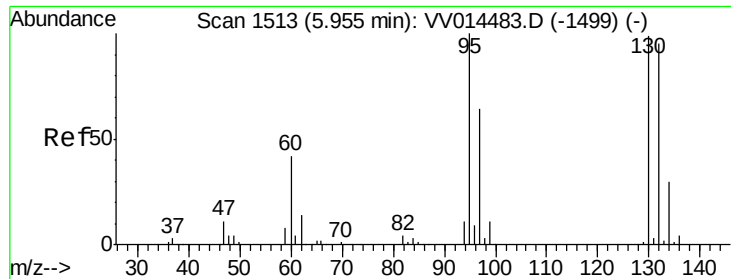
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#27
1,2-Dichloroethane
Concen: 1.972 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VV014488.D
Acq: 03 Feb 2020 16:52

Tgt Ion	62	Resp	7472
Ion Ratio	100	Lower	Upper
62	100		
98	10.5	8.0	12.0





#34

Trichloroethene

Concen: 18.457 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014488.D

Acq: 03 Feb 2020 16:52

Instrument :

MSVOA_V

ClientSampleId :

DBCS9

Tot Ion: 95 Resp: 56437
Ion Ratio Lower Upper

95 100

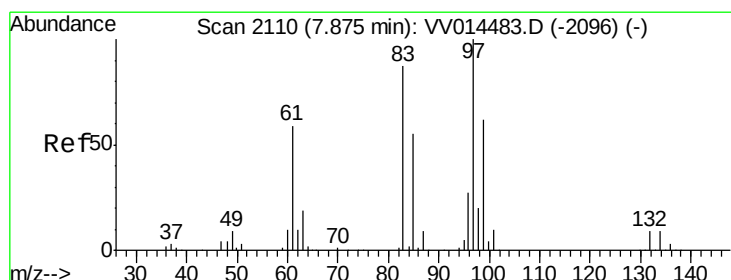
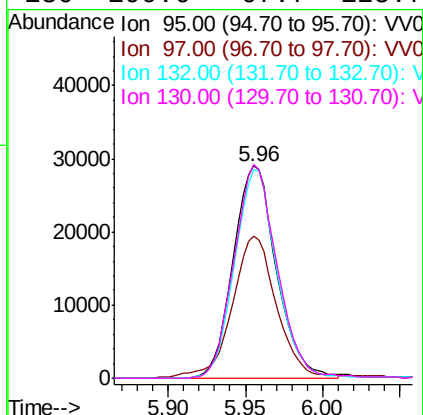
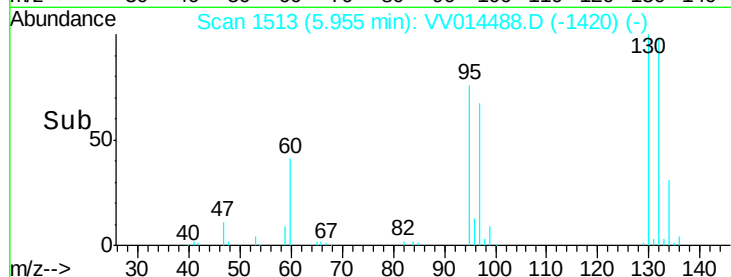
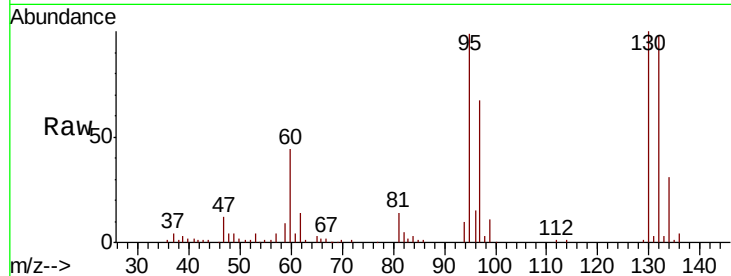
97 67.1 44.7 83.1

132 98.2 65.4 121.4

130 100.6 67.7 125.7

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#45

1,1,2-Trichloroethane

Concen: 5.735 ug/L

RT: 7.88 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VV014488.D

Acq: 03 Feb 2020 16:52

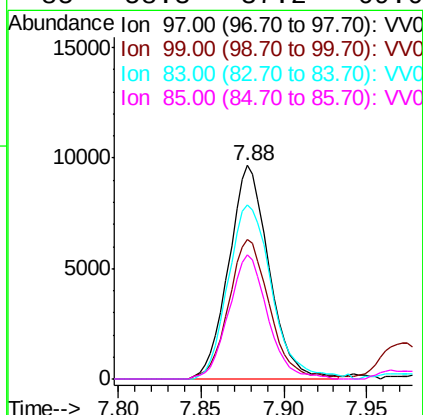
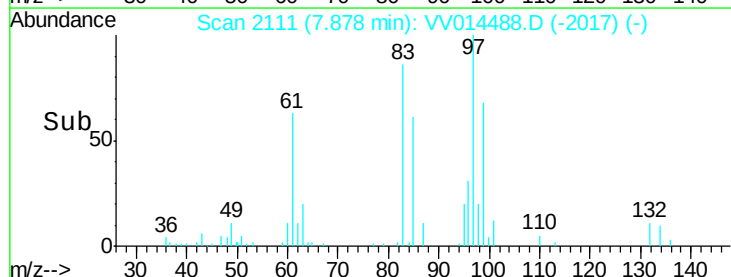
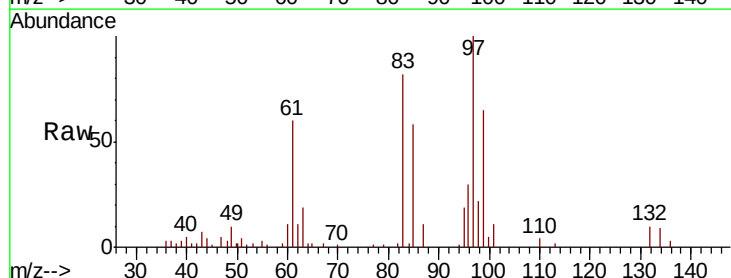
Tgt Ion: 97 Resp: 16393
Ion Ratio Lower Upper

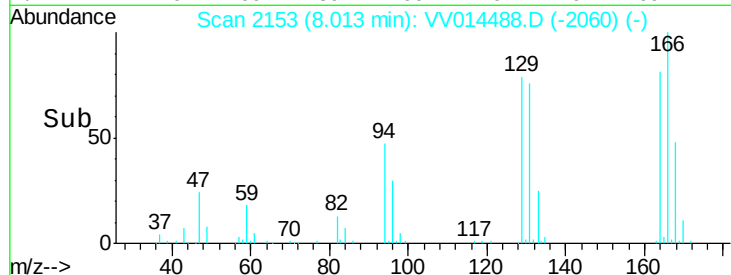
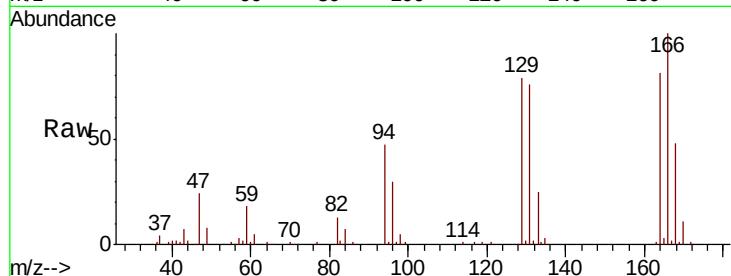
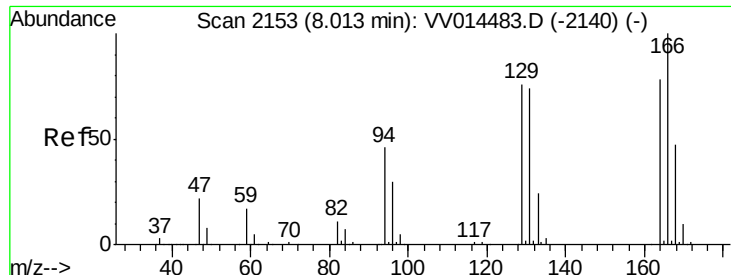
97 100

99 65.4 43.8 81.3

83 81.7 60.0 111.4

85 58.3 37.2 69.0





#46

Tetrachloroethene

Concen: 14.526 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VV014488.D

Acq: 03 Feb 2020 16:52

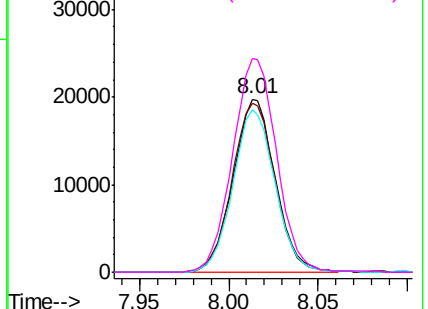
Tot Ion	Ratio	Lower	Upper
164	100		
129	97.9	70.4	130.8
131	93.7	65.5	121.7
166	123.6	89.9	166.9

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Instrument :
MSVOA_V
ClientSampleId :
DBCS9

Manual Integrations
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