

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112519\
 Data File : VV013769.D
 Acq On : 25 Nov 2019 16:56
 Operator : SY/MD
 Sample : K6003-02 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AE3

Manual Integrations
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 11/26/2019 2:04:27 PM

Quant Time: Nov 26 07:03:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 04:36:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	346535	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	339681	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	167999	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93627	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	87124	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	152665	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	3.93	46	245230	55.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.00%
24) Chloroform-d	4.40	84	208255	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.08	65	102304	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.09	84	389554	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.11	67	122927	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	328581	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.66	79	42778	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.13	63	181647	48.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95403	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	150725	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	32532	1.571	ug/L #	1
12) 1,1-Dichloroethene	2.14	96	42650	2.560	ug/L #	78
13) Acetone	2.19	43	20352	6.527	ug/L #	48
14) Carbon disulfide	2.32	76	10454m	0.272	ug/L	
16) Methylene chloride	2.53	84	4975	0.218	ug/L	87
19) 1,1-Dichloroethane	3.23	63	70967	1.889	ug/L	99
21) 2-Butanone	4.03	43	23095	4.900	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	568922	25.787	ug/L #	99
34) Trichloroethene	5.96	95	208576	9.074	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	4053	0.120	ug/L	90
70) 1,2,3-Trichlorobenzene	13.79	180	4868	0.158	ug/L	91

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

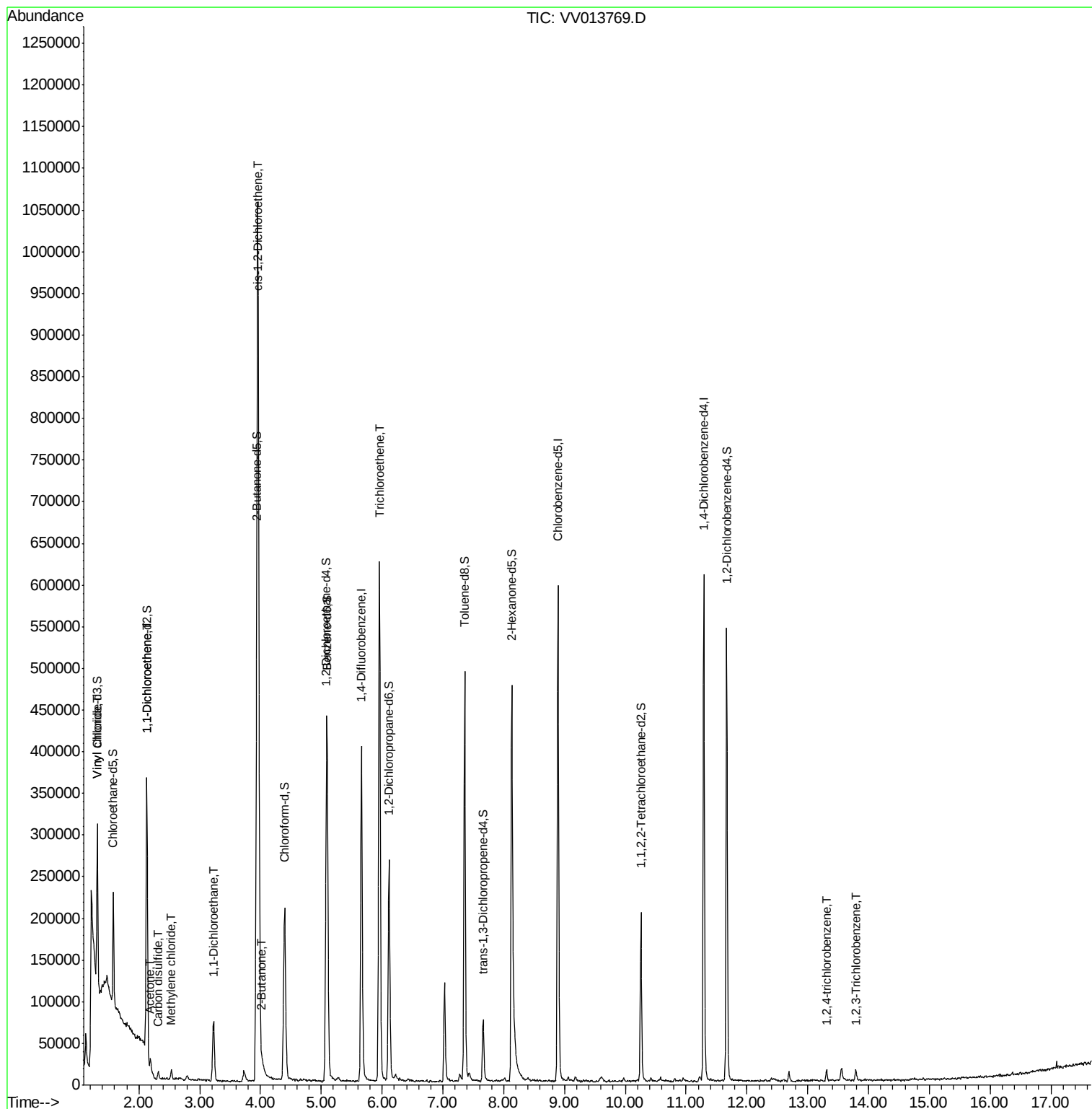
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112519\
Data File : VV013769.D
Acq On : 25 Nov 2019 16:56
Operator : SY/MD
Sample : K6003-02 10X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

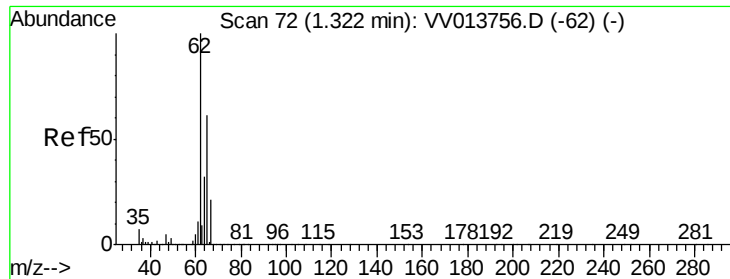
Instrument :
MSVOA_V
ClientSampleId :
B0AE3

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Quant Time: Nov 26 07:03:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 04:36:55 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.571 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV013769.D

Acq: 25 Nov 2019 16:56

Instrument :

MSVOA_V

ClientSampleId :

B0AE3

Tot Ion: 62 Resp: 32532

Ion Ratio Lower Upper

62 100

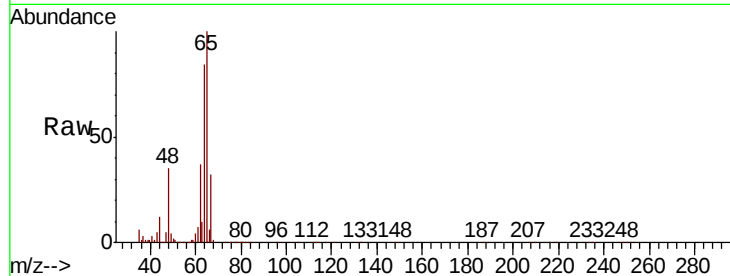
64 227.3 23.3 43.3#

Manual Integrations

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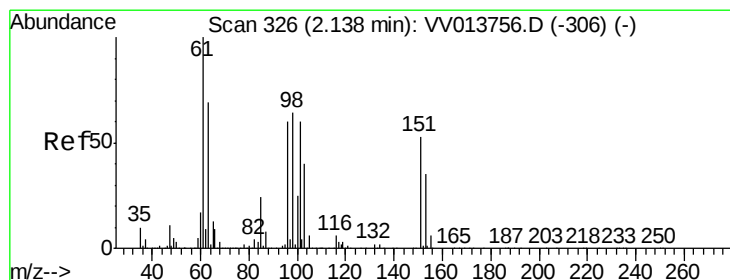
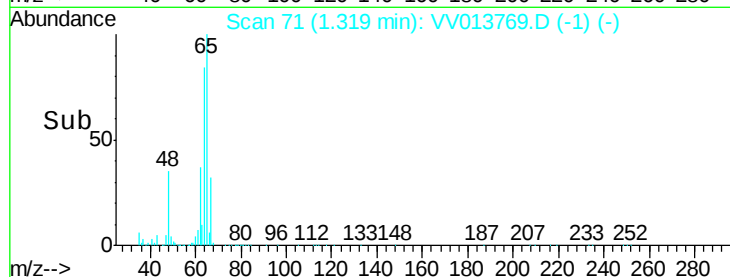
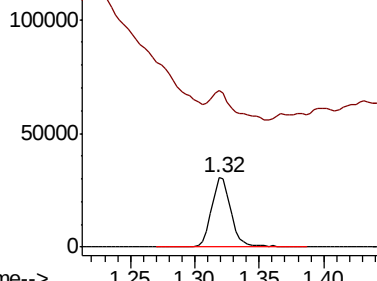
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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 2.560 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013769.D

Acq: 25 Nov 2019 16:56

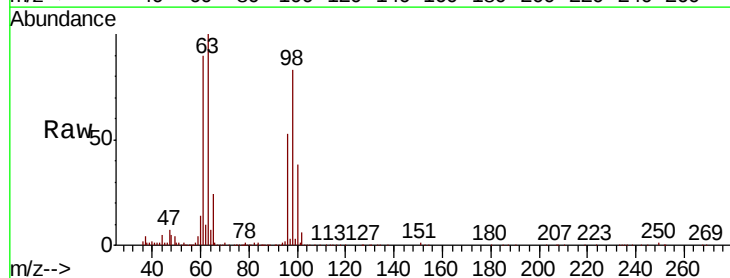
Tgt Ion: 96 Resp: 42650

Ion Ratio Lower Upper

96 100

61 171.5 116.3 215.9

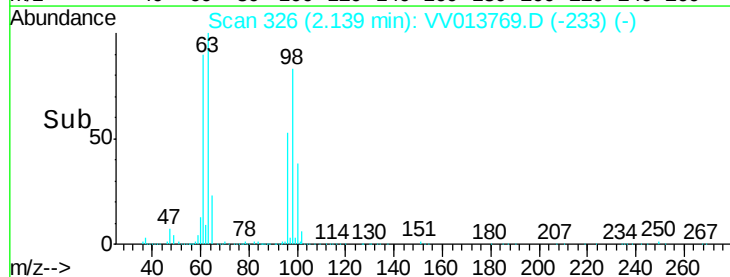
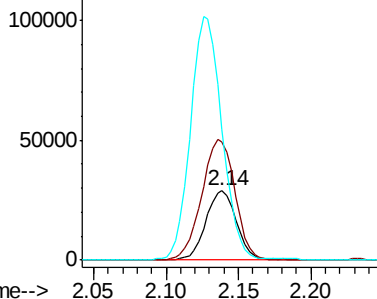
63 189.8 96.7 179.7#

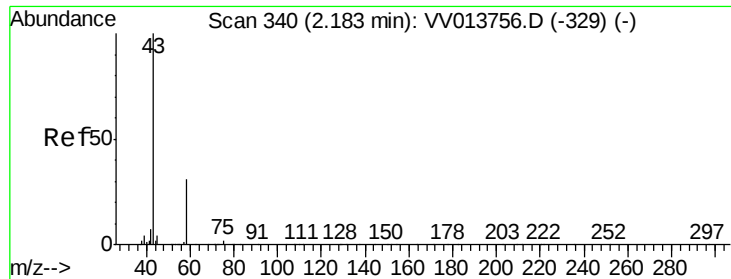


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





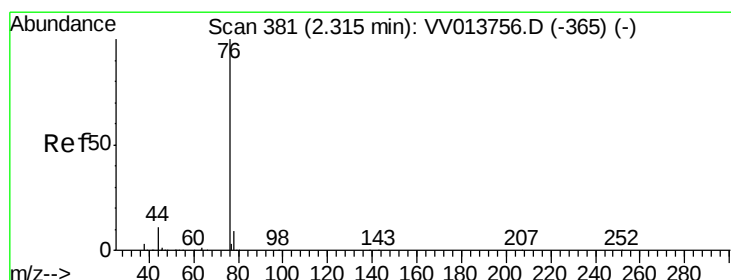
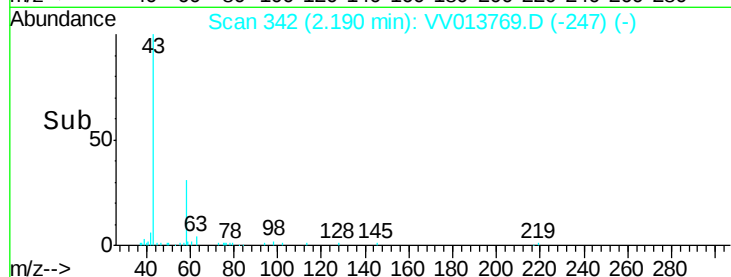
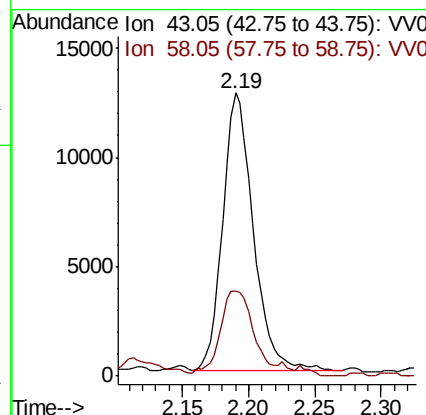
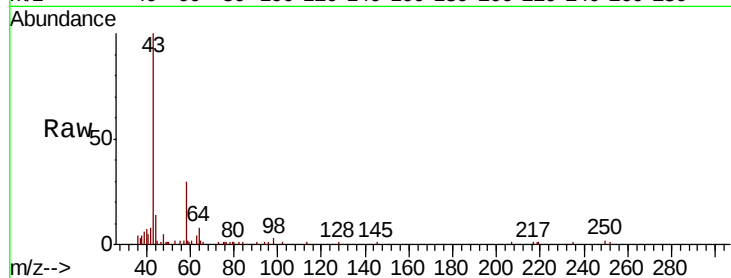
#13
Acetone
Concen: 6.527 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VV013769.D
Acq: 25 Nov 2019 16:56

Instrument :
MSVOA_V
ClientSampleId :
B0AE3

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.5	0.0	27.2#

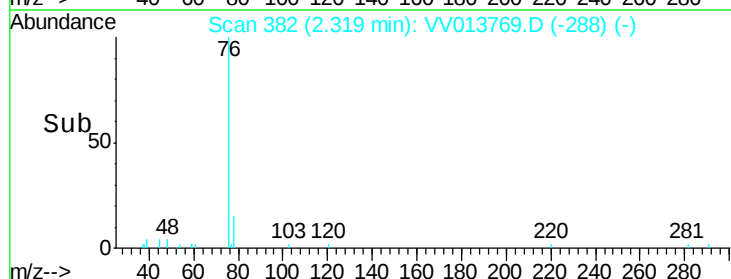
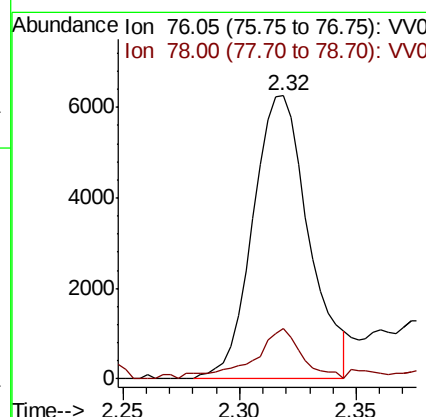
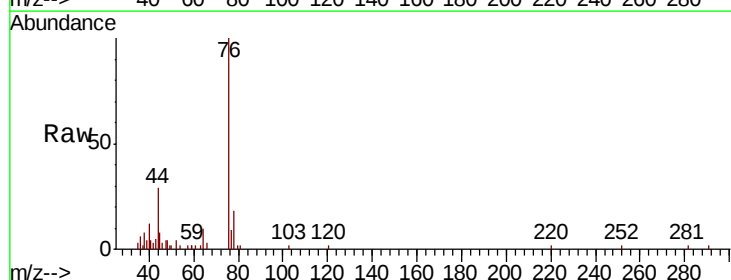
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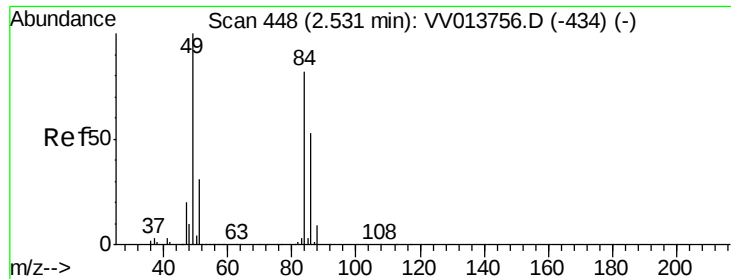
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#14
Carbon disulfide
Concen: 0.272 ug/L m
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV013769.D
Acq: 25 Nov 2019 16:56

Tgt Ion	Ratio	Lower	Upper
76	100		
78	17.6	7.5	11.3#





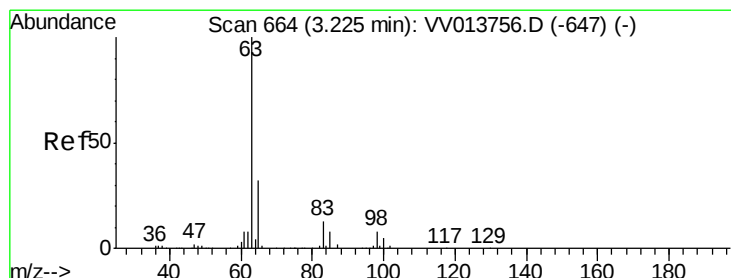
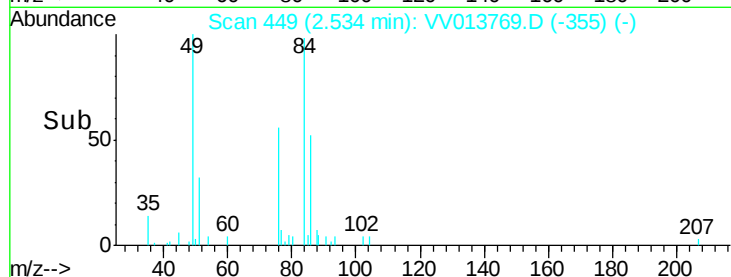
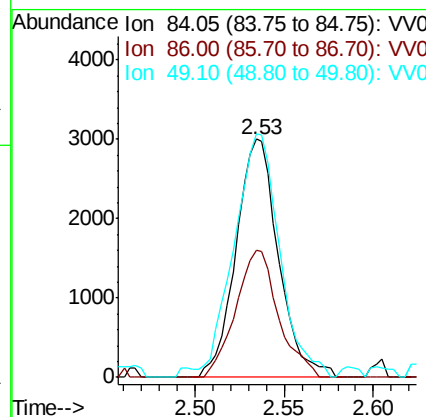
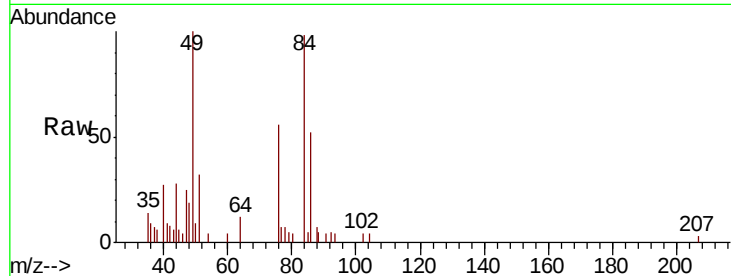
#16
Methylene chloride
Concen: 0.218 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013769.D
Acq: 25 Nov 2019 16:56

Instrument :
MSVOA_V
ClientSampleId :
B0AE3

Tot Ion	Ratio	Lower	Upper
84	100		
86	53.4	44.0	81.6
49	102.3	81.5	151.5

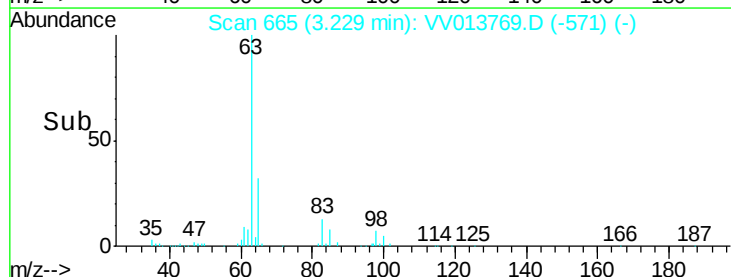
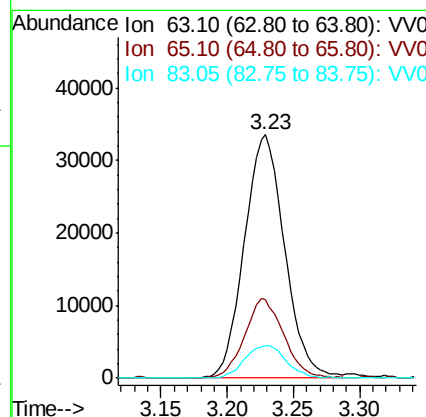
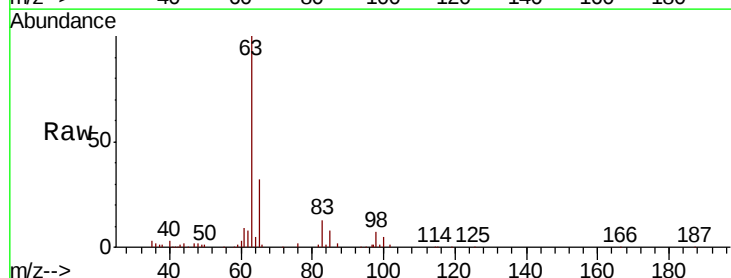
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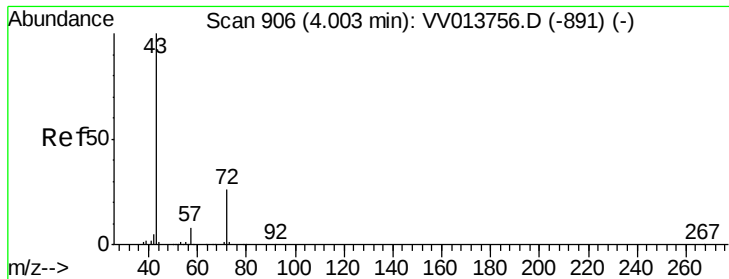
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#19
1,1-Dichloroethane
Concen: 1.889 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013769.D
Acq: 25 Nov 2019 16:56

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.7	42.1
83	13.4	9.2	17.2





#21

2-Butanone

Concen: 4.900 ug/L

RT: 4.03 min Scan# 913

Delta R.T. 0.02 min

Lab File: VV013769.D

Acq: 25 Nov 2019 16:56

Instrument :

MSVOA_V

ClientSampleId :

B0AE3

Tot Ion: 43 Resp: 23095

Ion Ratio Lower Upper

43 100

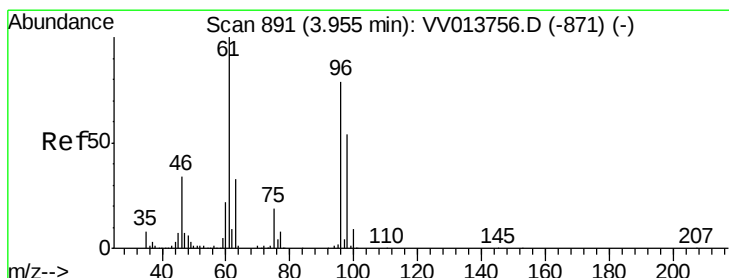
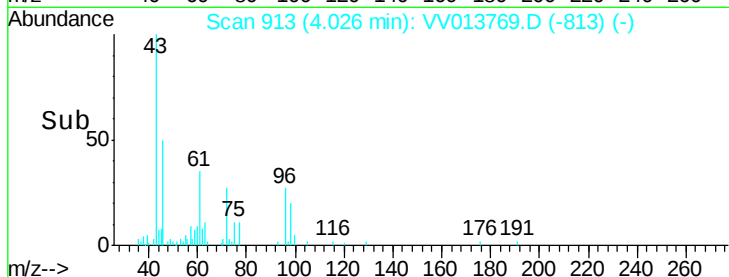
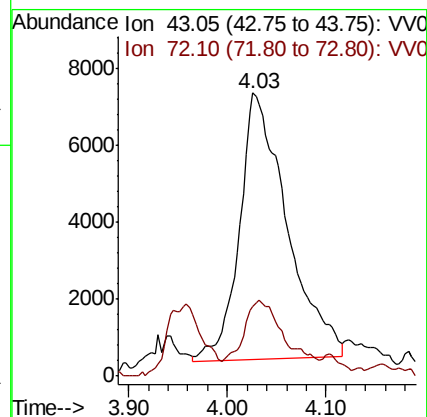
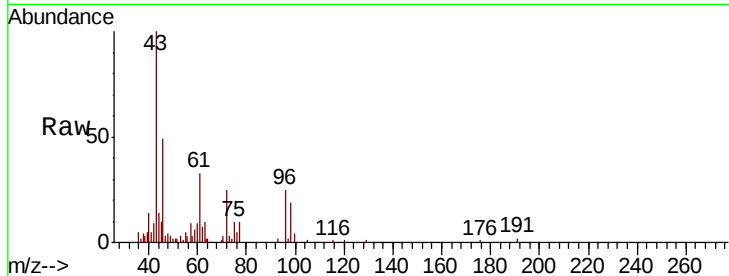
72 26.9 12.3 36.9

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 25.787 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV013769.D

Acq: 25 Nov 2019 16:56

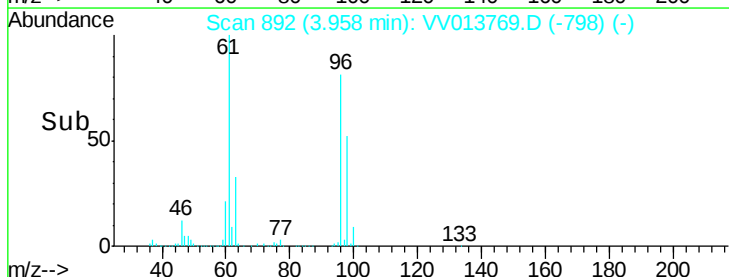
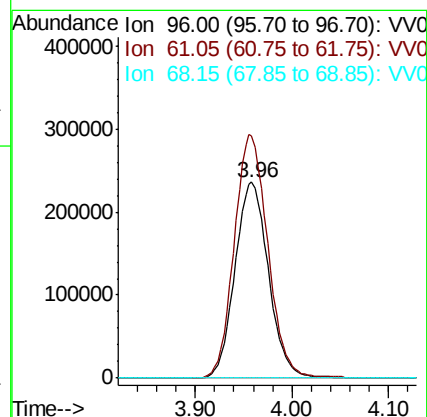
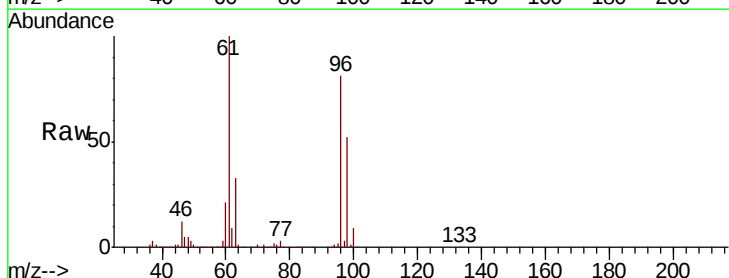
Tgt Ion: 96 Resp: 568922

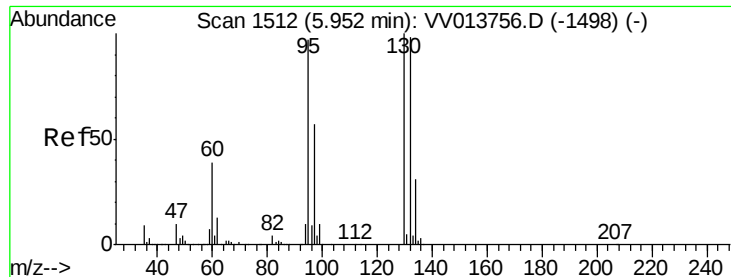
Ion Ratio Lower Upper

96 100

61 123.8 86.1 159.9

68 0.1 0.0 0.0#





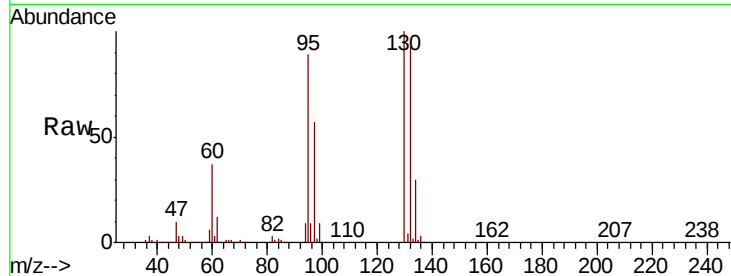
#34
 Trichloroethene
 Concen: 9.074 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VV013769.D
 Acq: 25 Nov 2019 16:56

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AE3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		208576		
97	63.9	45.6		84.8	
132	105.3	70.5		130.9	
130	112.9	75.9		140.9	

Manual Integrations
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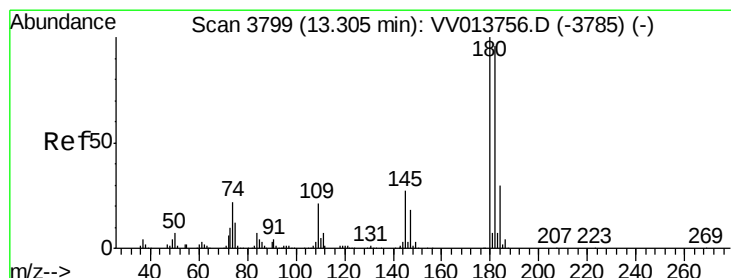
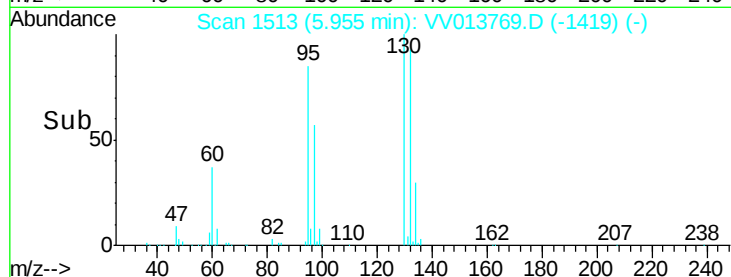
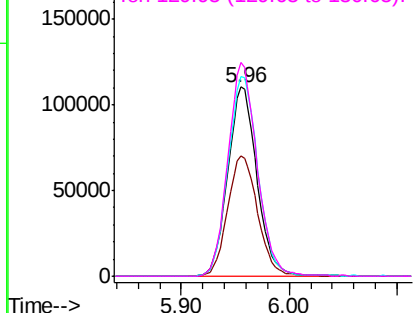


Abundance Ion 95.00 (94.70 to 95.70): VV013756.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV013756.D (-1498) (-)

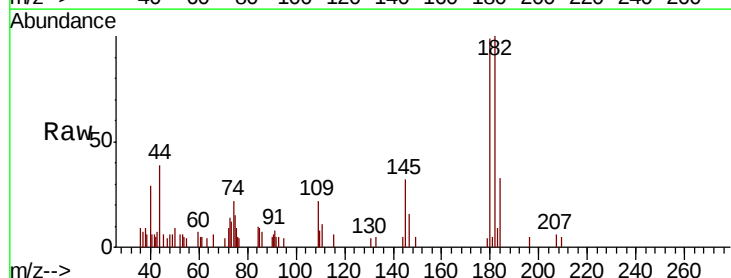
Ion 131.95 (131.65 to 132.65): VV013756.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV013756.D (-1498) (-)



#68
 1,2,4-trichlorobenzene
 Concen: 0.120 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013769.D
 Acq: 25 Nov 2019 16:56

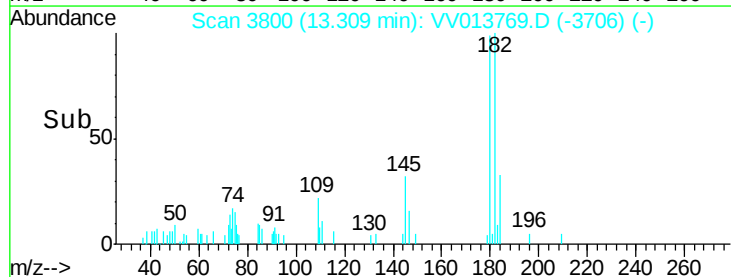
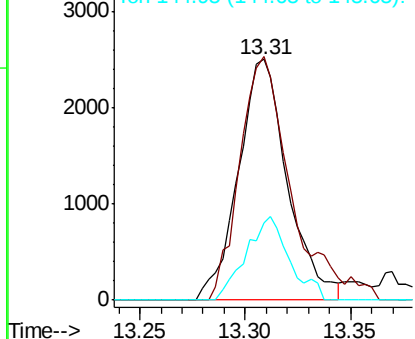
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		4053		
182	105.8	76.2		114.4	
145	30.7	21.0		31.6	

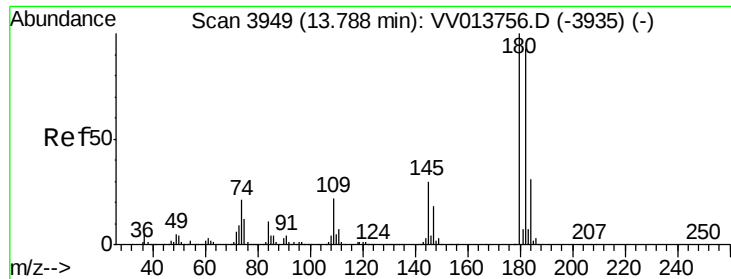


Abundance Ion 179.90 (179.60 to 180.60): VV013756.D (-3785) (-)

Ion 182.00 (181.70 to 182.70): VV013756.D (-3785) (-)

Ion 144.95 (144.65 to 145.65): VV013756.D (-3785) (-)





#70
 1,2,3-Trichlorobenzene
 Concen: 0.158 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.01 min
 Lab File: VV013769.D
 Acq: 25 Nov 2019 16:56

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AE3

Tot Ion:	180	Resp:	4868
Ion Ratio	Lower	Upper	
180	100		
182	87.4	78.5	117.7
145	30.9	23.8	35.8

Manual Integrations
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