

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
 Data File : VV013752.D
 Acq On : 22 Nov 2019 22:36
 Operator : SY/MD
 Sample : K5941-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AD7

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 12:54:11 PM

Quant Time: Nov 23 04:09:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 23 01:35:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	301636	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	294014	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	124939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97633	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.58	69	86631	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.14	63	476167	15.15	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	303.00%#
20) 2-Butanone-d5	3.92	46	296164m	76.31	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	152.62%#
24) Chloroform-d	4.40	84	206907	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.08	65	111200	6.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.20%
32) Benzene-d6	5.10	84	396858	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.11	67	126329	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.80%
41) Toluene-d8	7.36	98	348166	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.66	79	42676	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.13	63	231405	71.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.60%#
57) 1,1,2,2-Tetrachloroethane-	10.25	84	103565	6.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	132.20%#
64) 1,2-Dichlorobenzene-d4	11.67	152	130499	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	39191	2.221	ug/L	96
12) 1,1-Dichloroethene	2.14	96	682201	47.041	ug/L #	67
13) Acetone	2.18	43	1273434	469.207	ug/L #	56
14) Carbon disulfide	2.32	76	22284	0.666	ug/L	98
15) Methyl Acetate	2.46	43	13858m	2.281	ug/L	
16) Methylene chloride	2.53	84	16241	0.818	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	9955	0.251	ug/L #	70
19) 1,1-Dichloroethane	3.23	63	1242798	38.014	ug/L	99
21) 2-Butanone	4.01	43	116536	28.407	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	81615	4.250	ug/L #	98
27) 1,2-Dichloroethane	5.18	62	9646	0.486	ug/L	100
34) Trichloroethene	5.96	95	513468	25.809	ug/L	97
37) 1,2-Dichloropropane	6.22	63	11721	0.632	ug/L	97

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

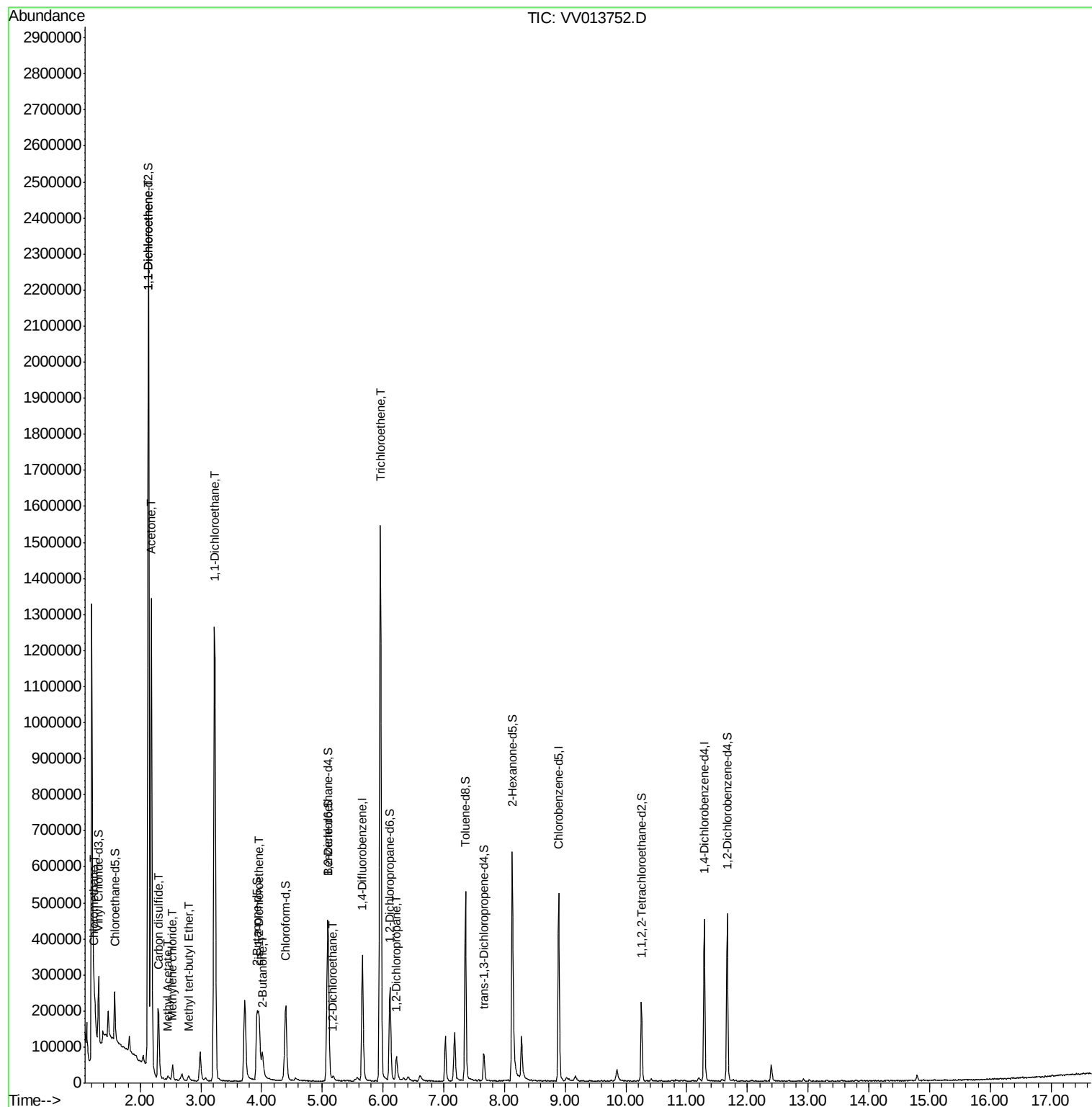
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112219\
Data File : VV013752.D
Acq On : 22 Nov 2019 22:36
Operator : SY/MD
Sample : K5941-19
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 30 Sample Multiplier: 1

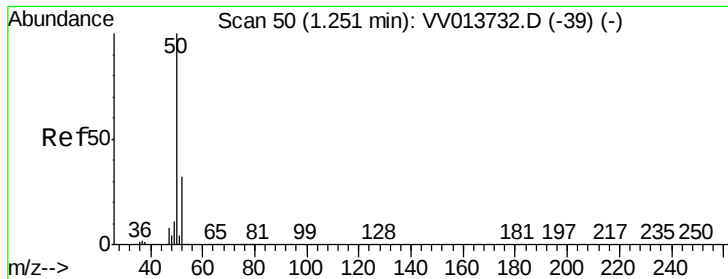
Instrument :
MSVOA_V
ClientSampleId :
B0AD7

Manual Integrations
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Quant Time: Nov 23 04:09:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 2.221 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV013752.D

Acq: 22 Nov 2019 22:36

Instrument :

MSVOA_V

ClientSampleId :

B0AD7

Tot Ion: 50 Resp: 39191

Ion Ratio Lower Upper

50 100

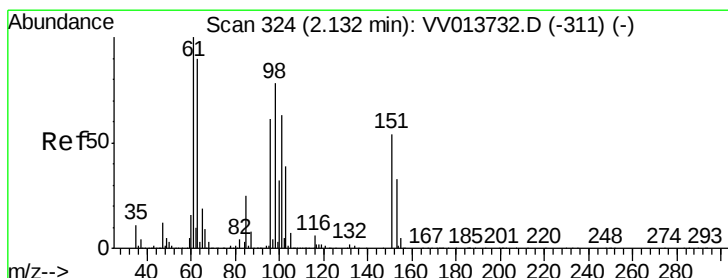
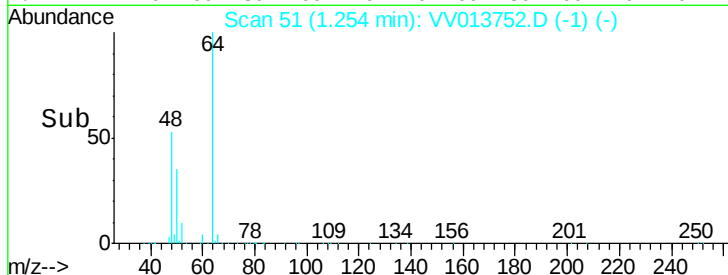
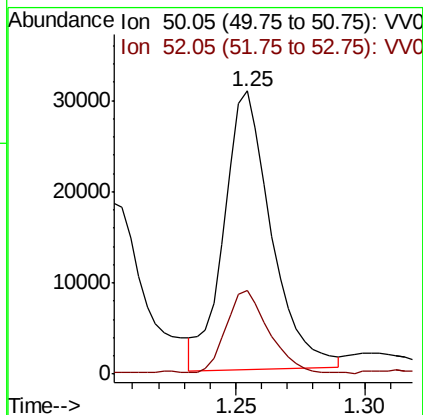
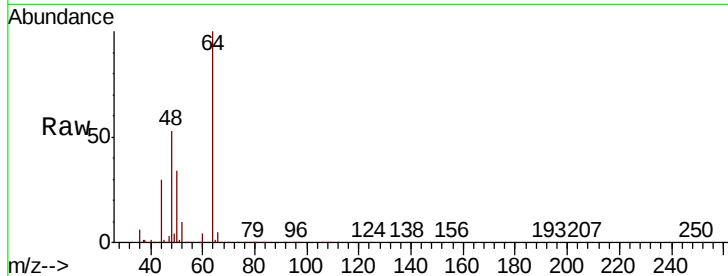
52 29.7 22.5 41.7

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 47.041 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.01 min

Lab File: VV013752.D

Acq: 22 Nov 2019 22:36

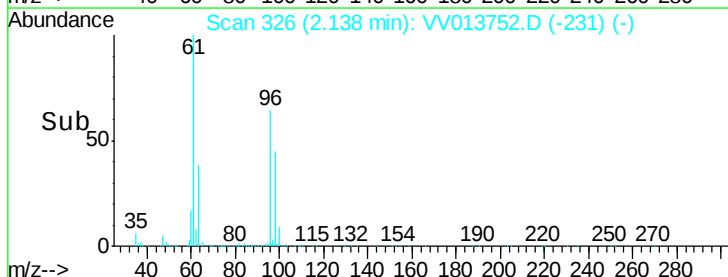
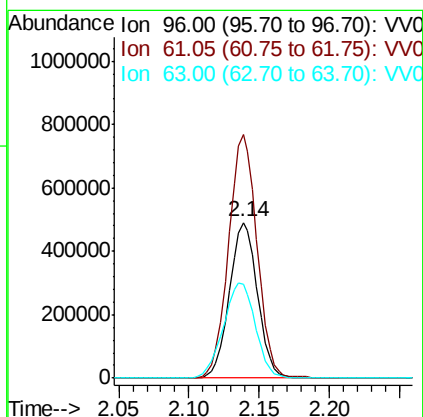
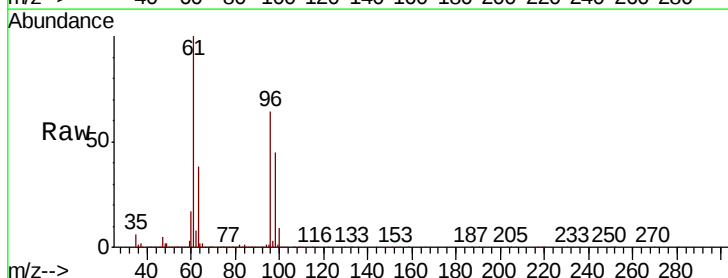
Tgt Ion: 96 Resp: 682201

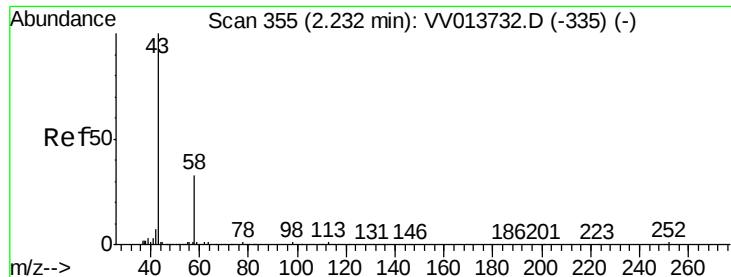
Ion Ratio Lower Upper

96 100

61 156.7 116.3 215.9

63 60.1 96.7 179.7#





#13

Acetone

Concen: 469.207 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.05 min

Lab File: VV013752.D

Acq: 22 Nov 2019 22:36

Instrument :

MSVOA_V

ClientSampleId :

B0AD7

Tot Ion: 43 Resp: 1273434

Ion Ratio Lower Upper

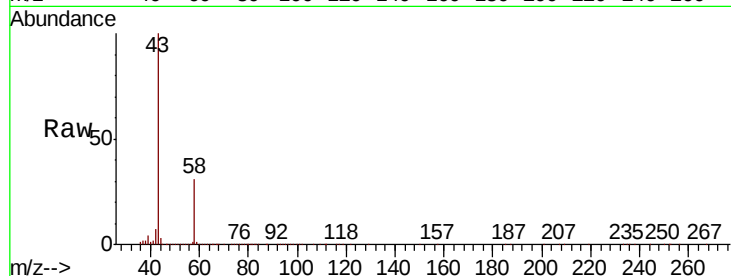
43 100

58 31.2 0.0 27.2#

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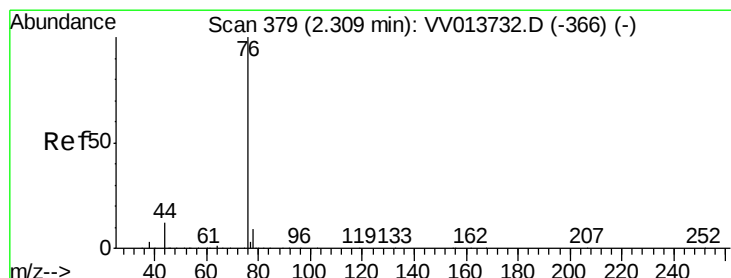
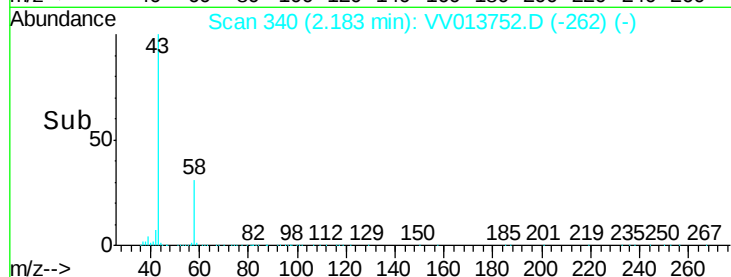
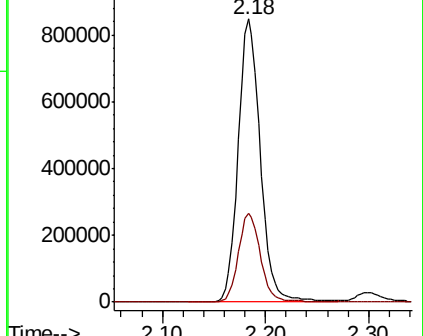
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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.666 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV013752.D

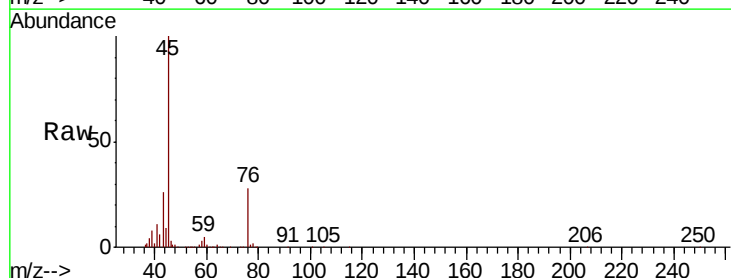
Acq: 22 Nov 2019 22:36

Tgt Ion: 76 Resp: 22284

Ion Ratio Lower Upper

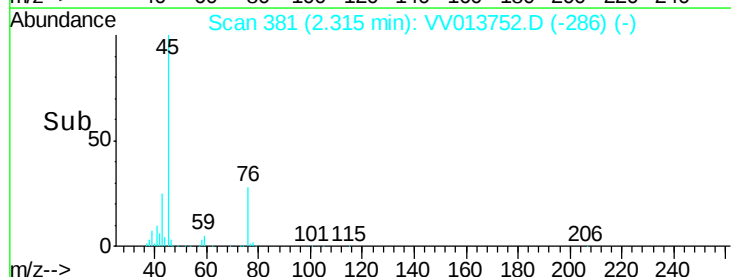
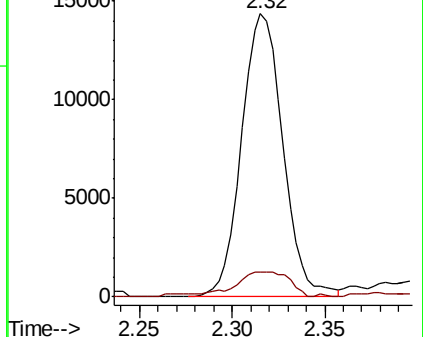
76 100

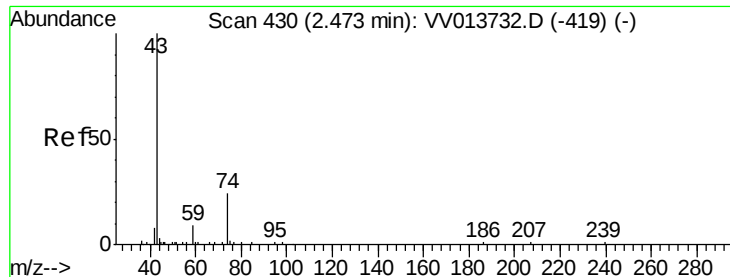
78 8.6 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





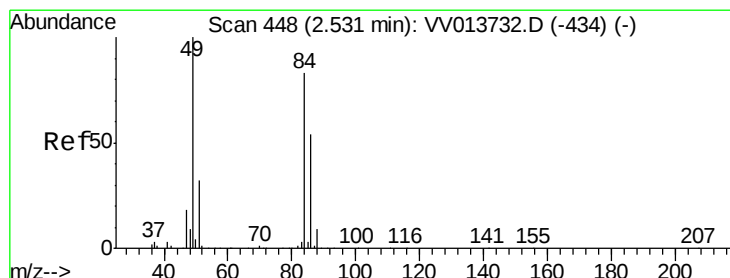
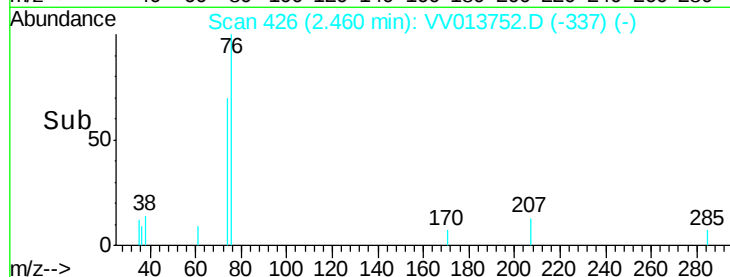
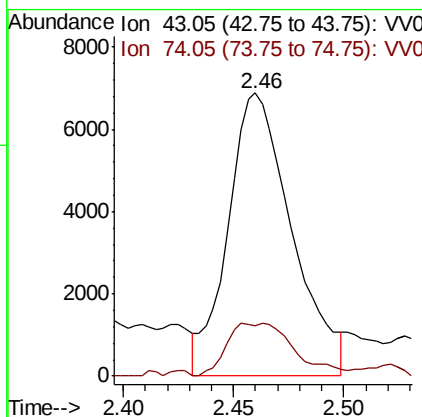
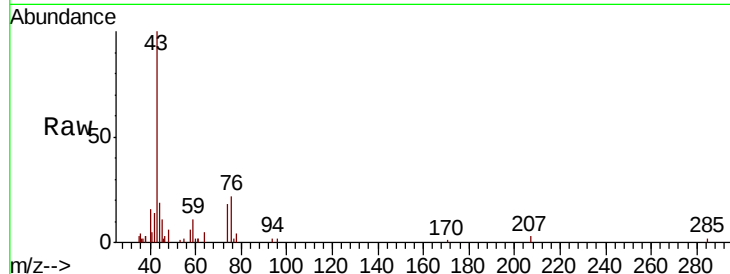
#15
Methyl Acetate
Concen: 2.281 ug/L m
RT: 2.46 min Scan# 426
Delta R.T. -0.01 min
Lab File: VV013752.D
Acq: 22 Nov 2019 22:36

Instrument :
MSVOA_V
ClientSampled :
B0AD7

Tot Ion	43	Resp	13858
Ion Ratio	100	Lower	Upper
43	100		
74	19.7	20.5	30.7#

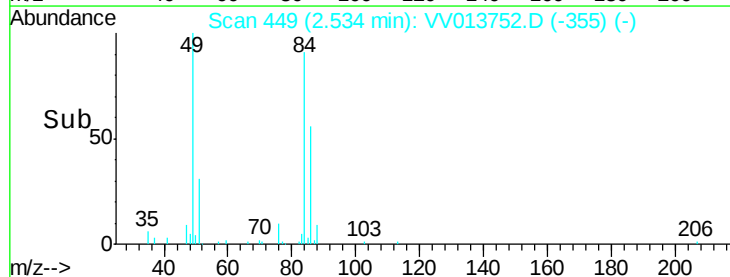
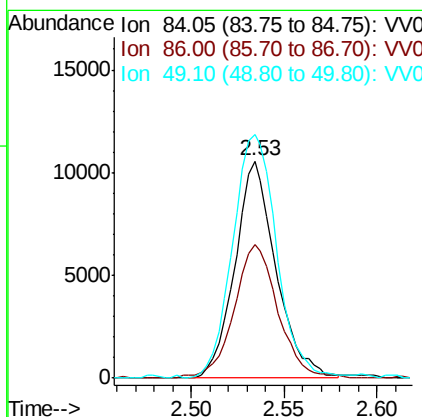
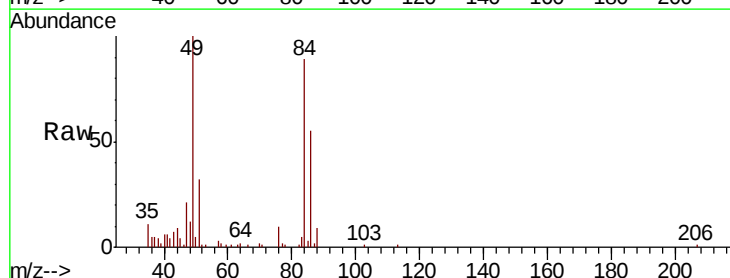
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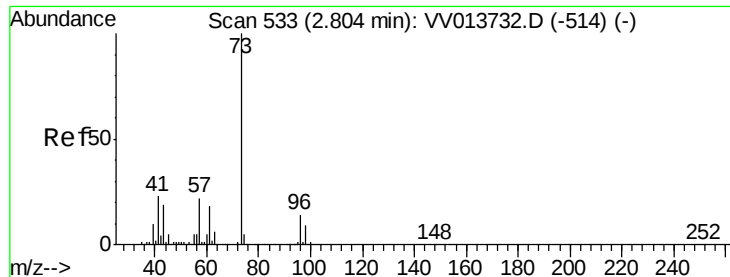
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#16
Methylene chloride
Concen: 0.818 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013752.D
Acq: 22 Nov 2019 22:36

Tgt Ion	84	Resp	16241
Ion Ratio	100	Lower	Upper
84	100		
86	61.4	44.0	81.6
49	112.2	81.5	151.5





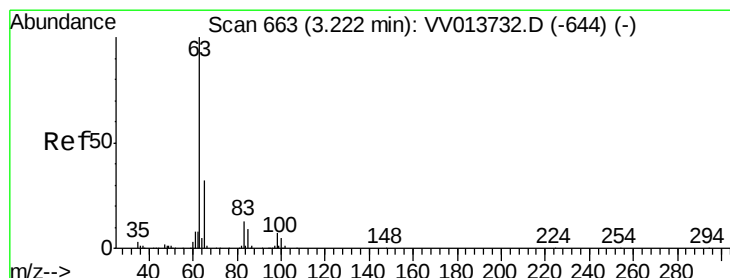
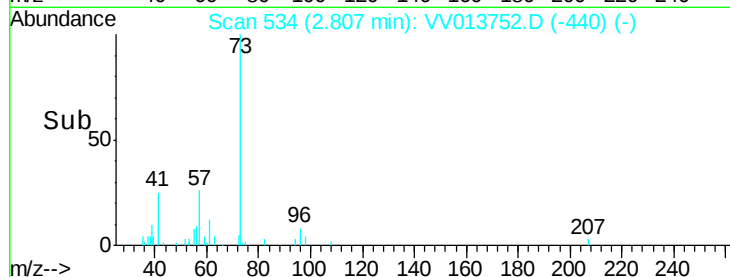
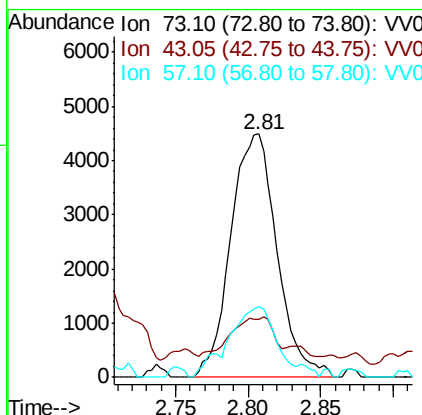
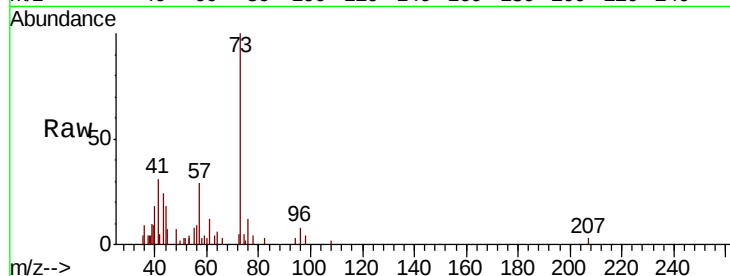
#17
Methvl tert-butvl Ether
Concen: 0.251 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV013752.D
Acq: 22 Nov 2019 22:36

Instrument :
MSVOA_V
ClientSampleId :
B0AD7

Tot Ion	Ratio	Lower	Upper
73	100		
43	0.0	15.5	23.3#
57	30.9	17.5	26.3#

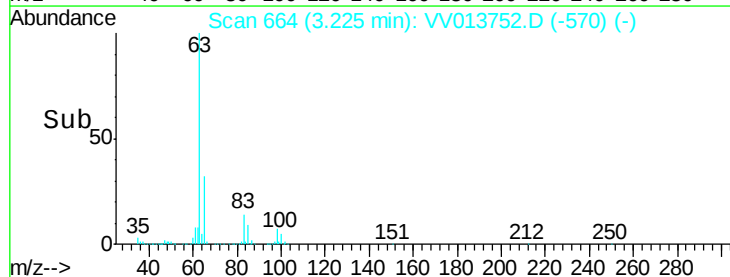
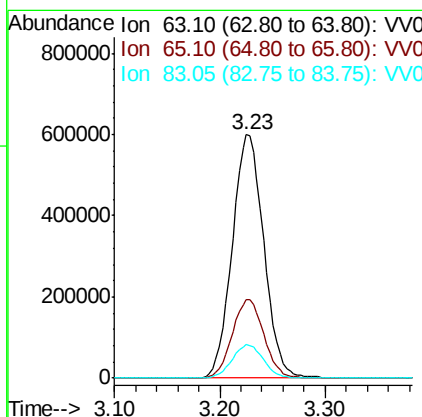
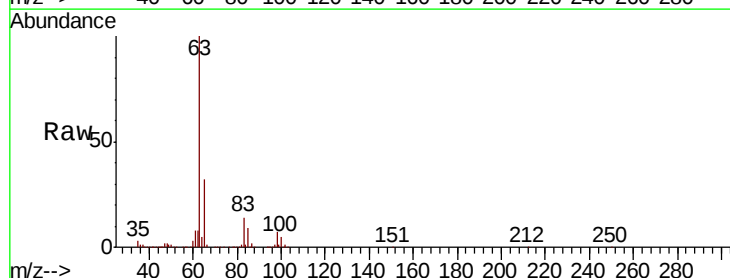
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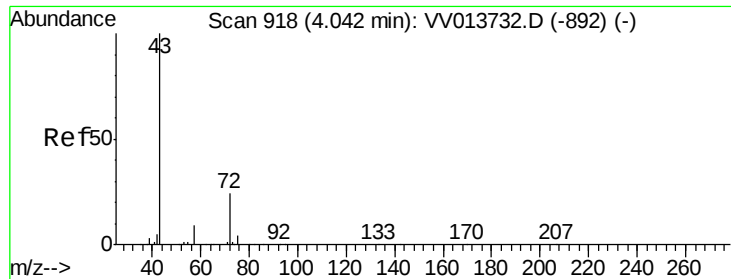
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#19
1,1-Dichloroethane
Concen: 38.014 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV013752.D
Acq: 22 Nov 2019 22:36

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.7	42.1
83	13.6	9.2	17.2





#21

2-Butanone

Concen: 28.407 ug/L

RT: 4.01 min Scan# 909

Delta R.T. -0.03 min

Lab File: VV013752.D

Acq: 22 Nov 2019 22:36

Instrument :

MSVOA_V

ClientSampleId :

B0AD7

Tot Ion: 43 Resp: 116536

Ion Ratio Lower Upper

43 100

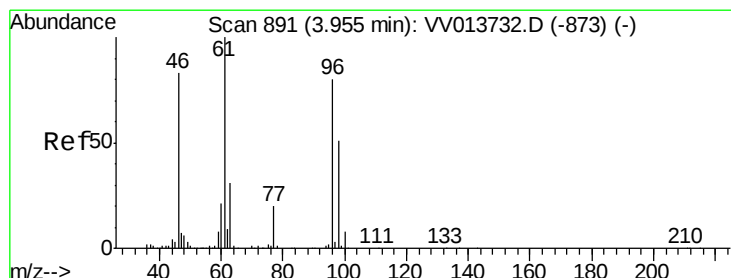
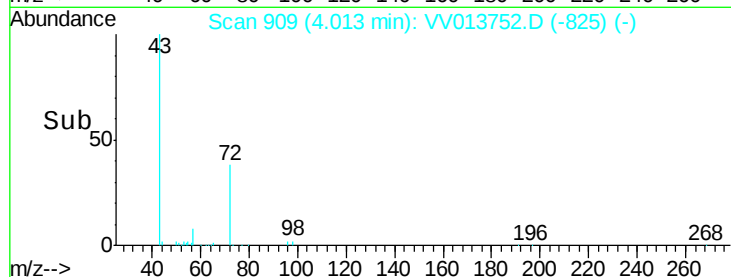
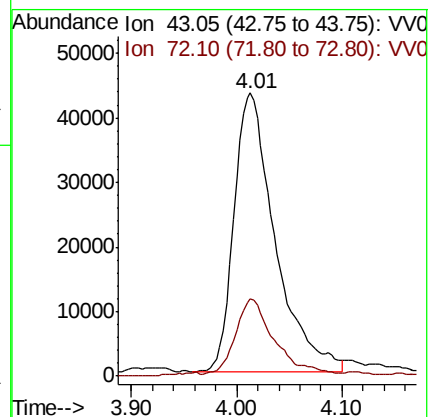
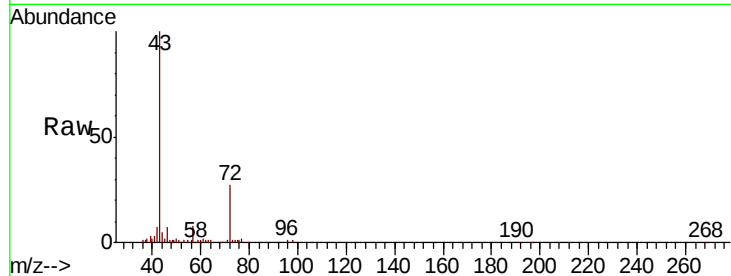
72 25.2 12.3 36.9

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 4.250 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.01 min

Lab File: VV013752.D

Acq: 22 Nov 2019 22:36

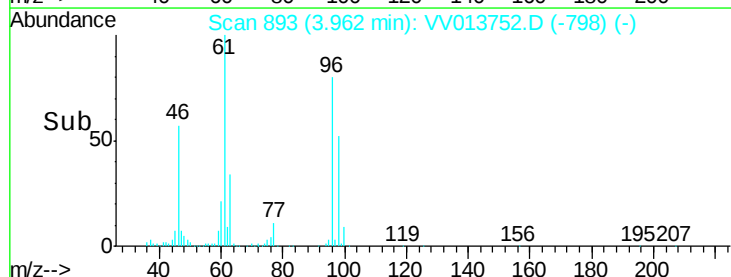
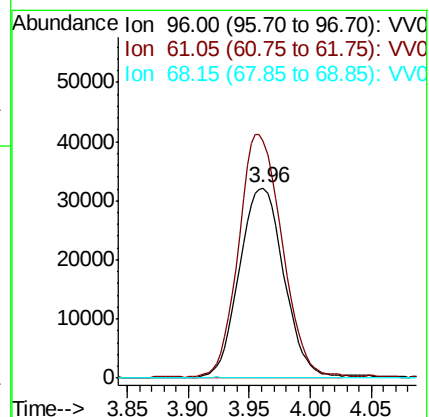
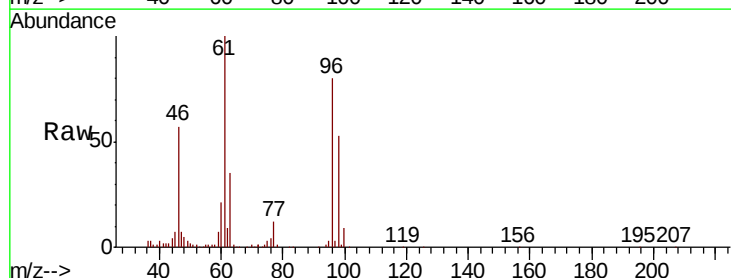
Tgt Ion: 96 Resp: 81615

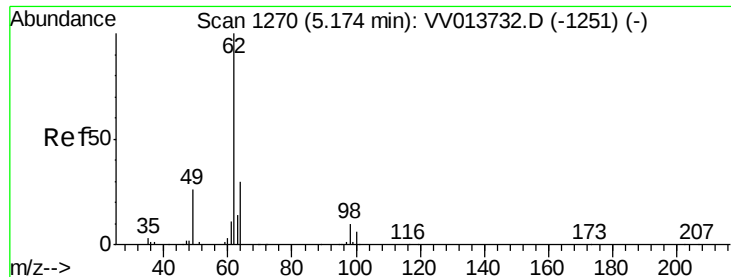
Ion Ratio Lower Upper

96 100

61 124.9 86.1 159.9

68 0.5 0.0 0.0#





#27

1,2-Dichloroethane

Concen: 0.486 ug/L

RT: 5.18 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VV013752.D

Acq: 22 Nov 2019 22:36

Instrument :

MSVOA_V

ClientSampleId :

B0AD7

Tot Ion: 62 Resp: 9646

Ion Ratio Lower Upper

62 100

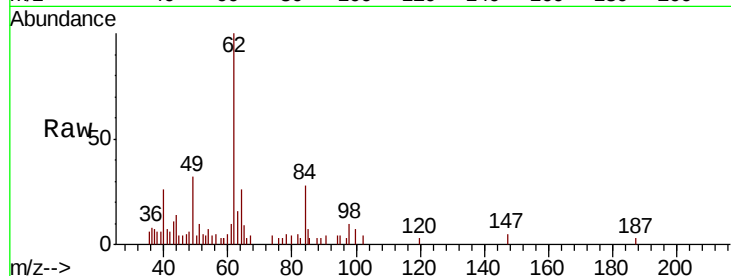
98 10.2 8.2 12.2

Manual Integrations

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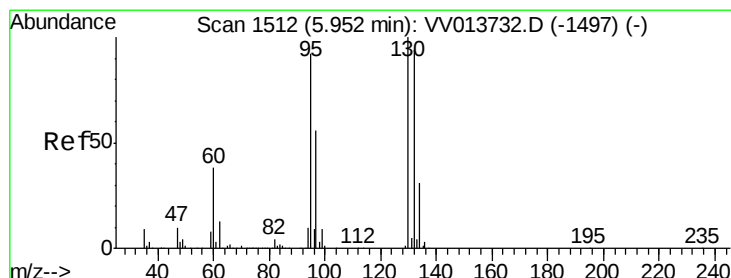
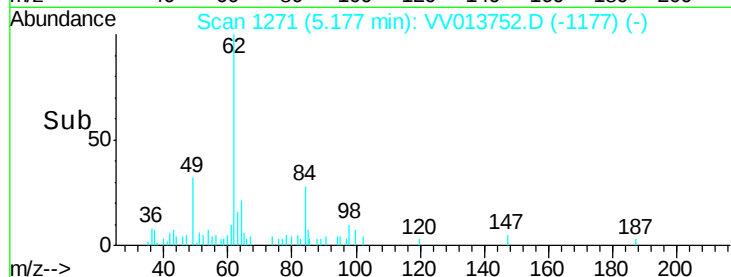
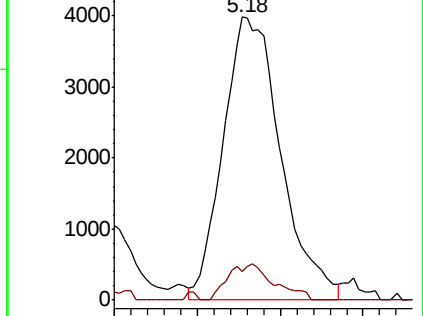
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Abundance Ion 62.00 (61.70 to 62.70): VV013752.D (-1177) (-)

Ion 98.05 (97.75 to 98.75): VV013752.D (-1177) (-)



#34

Trichloroethene

Concen: 25.809 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013752.D

Acq: 22 Nov 2019 22:36

Tgt Ion: 95 Resp: 513468

Ion Ratio Lower Upper

95 100

97 65.6 45.6 84.8

132 105.0 70.5 130.9

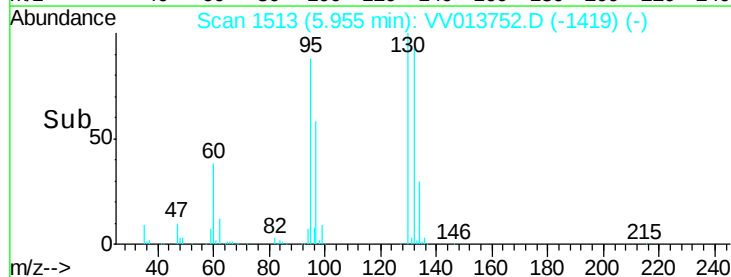
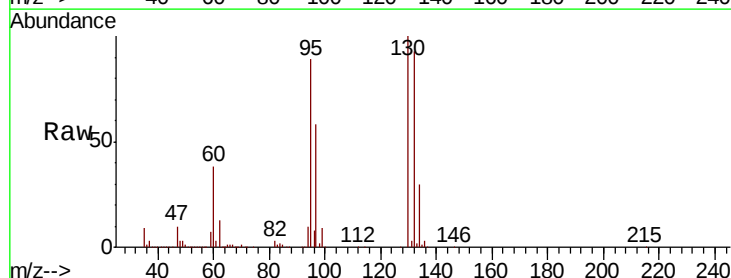
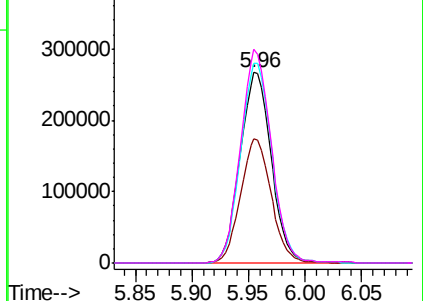
130 112.3 75.9 140.9

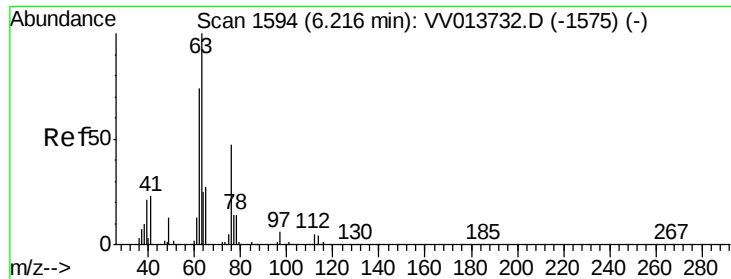
Abundance Ion 95.00 (94.70 to 95.70): VV013752.D (-1419) (-)

Ion 96.95 (96.65 to 97.65): VV013752.D (-1419) (-)

Ion 131.95 (131.65 to 132.65): VV013752.D (-1419) (-)

Ion 129.95 (129.65 to 130.65): VV013752.D (-1419) (-)





#37
 1,2-Dichloropropane
 Concen: 0.632 ug/L
 RT: 6.22 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: VV013752.D
 Acq: 22 Nov 2019 22:36

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AD7

Tot Ion	Ratio	Lower	Upper
63	100		
112	4.5	4.4	6.6

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 12:54:11 PM

