

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011327.D
 Acq On : 18 Jul 2019 01:00
 Operator : SY/VA
 Sample : K3863-09
 Misc : 4.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52J0

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 1:44:55 AM

Quant Time: Jul 18 07:44:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 06:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	230250	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	169254	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48359	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	47160	13.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.64%
7) Chloroethane-d5	2.88	69	51412	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
10) 1,1-Dichloroethene-d2	4.01	63	98724	13.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.04%
20) 2-Butanone-d5	7.07	46	98390	71.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.08%#
24) Chloroform-d	7.65	84	146998	23.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.16%
26) 1,2-Dichloroethane-d4	8.31	65	100088m	25.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.00%
29) Benzene-d6	8.27	84	276826	26.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.20%
33) 1,2-Dichloropropane-d6	9.27	67	102335	30.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.56%#
37) Toluene-d8	10.32	98	205876	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.64%
38) trans-1,3-Dichloropropene-	10.57	79	34880	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.64%
39) 2-Hexanone-d5	10.92	63	60805	78.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.18%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86130	30.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.68%#
61) 1,2-Dichlorobenzene-d4	13.85	152	42528	22.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.36	62	114021	28.414	ug/L #	20
13) Acetone	4.12	43	38238	28.267	ug/L	96
14) Carbon disulfide	4.38	76	18897m	2.183	ug/L	
15) Methyl Acetate	4.67	43	13084	5.944	ug/L	95
18) trans-1,2-Dichloroethene	5.42	96	38196	12.492	ug/L	98
19) 1,1-Dichloroethane	6.21	63	3769	0.607	ug/L #	94
22) cis-1,2-Dichloroethene	7.17	96	1652341	499.242	ug/L	99
35) Trichloroethene	9.09	95	2864	1.073	ug/L #	88
44) Toluene	10.39	91	26667	2.436	ug/L	100

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

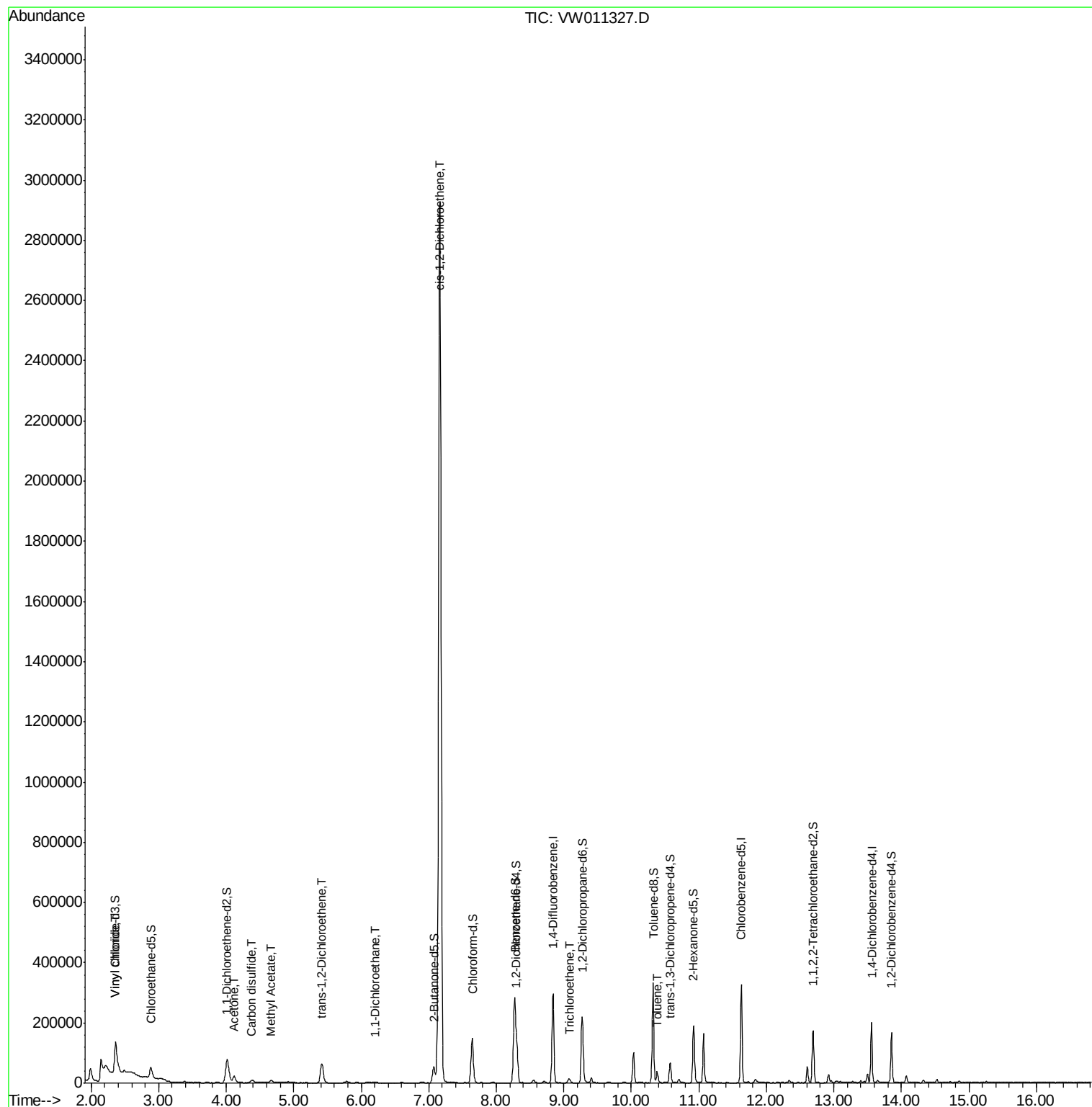
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
Data File : VW011327.D
Acq On : 18 Jul 2019 01:00
Operator : SY/VA
Sample : K3863-09
Misc : 4.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

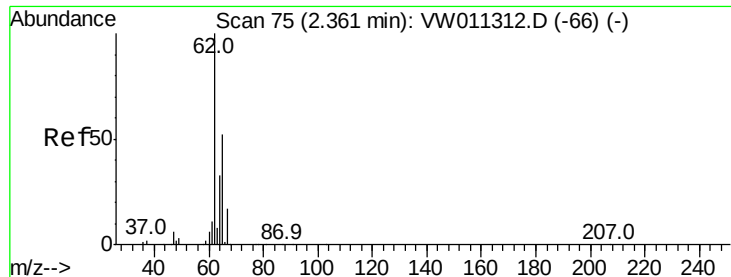
Instrument :
MSVOA_W
ClientSampleId :
A52J0

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Quant Time: Jul 18 07:44:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 06:37:55 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 28.414 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011327.D

Acq: 18 Jul 2019 01:00

Instrument :

MSVOA_W

ClientSampleId :

A52J0

Tot Ion: 62 Resp: 114021

Ion Ratio Lower Upper

62 100

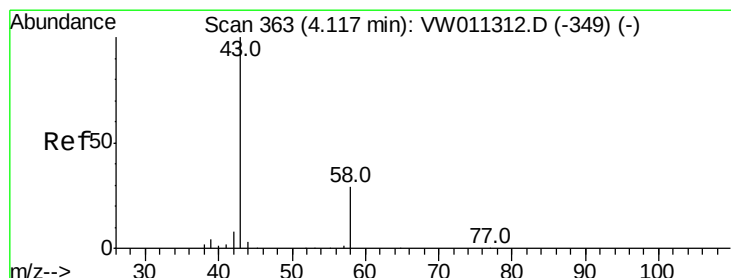
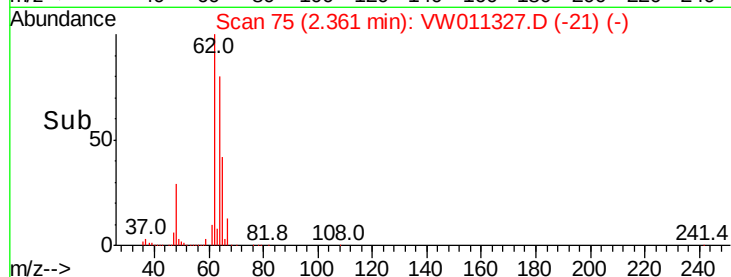
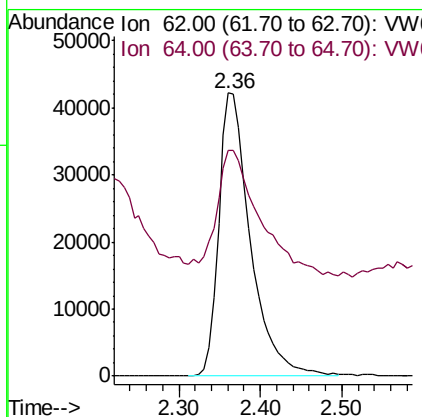
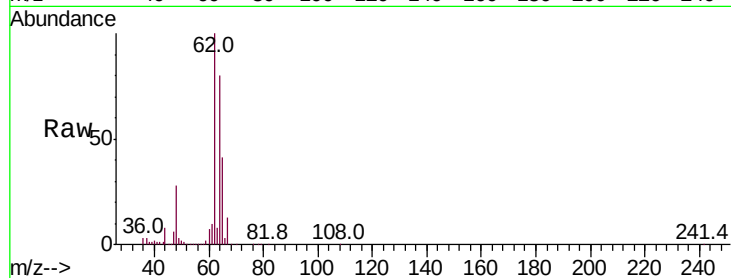
64 79.9 23.9 44.3#

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#13

Acetone

Concen: 28.267 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011327.D

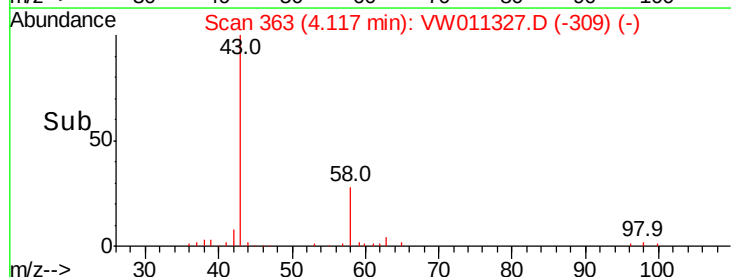
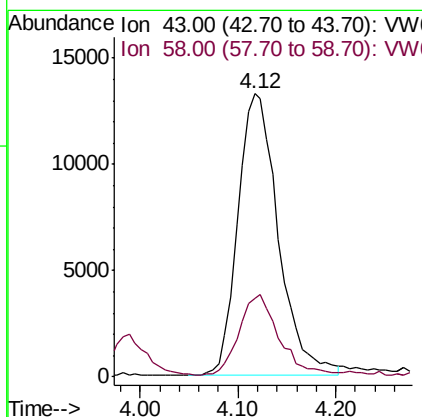
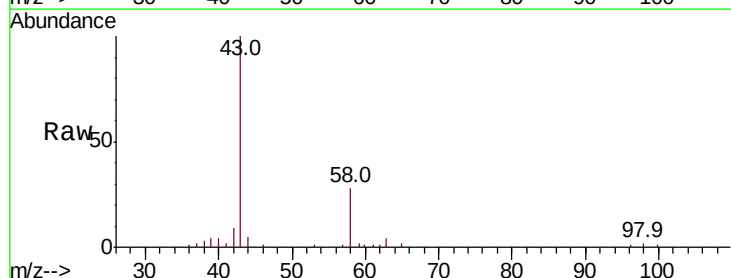
Acq: 18 Jul 2019 01:00

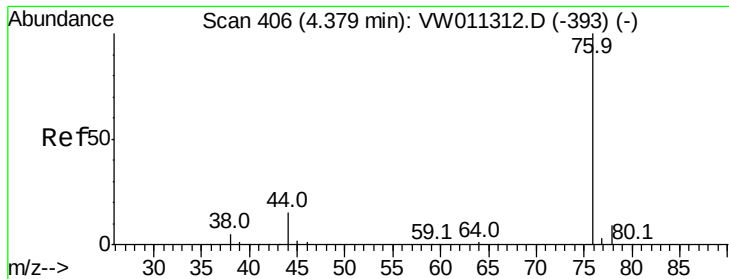
Tgt Ion: 43 Resp: 38238

Ion Ratio Lower Upper

43 100

58 29.8 0.0 55.0





#14

Carbon disulfide

Concen: 2.183 ug/L m

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW011327.D

Acq: 18 Jul 2019 01:00

Instrument :

MSVOA_W

ClientSampleId :

A52J0

Tot Ion: 76 Resp: 18897

Ion Ratio Lower Upper

76 100

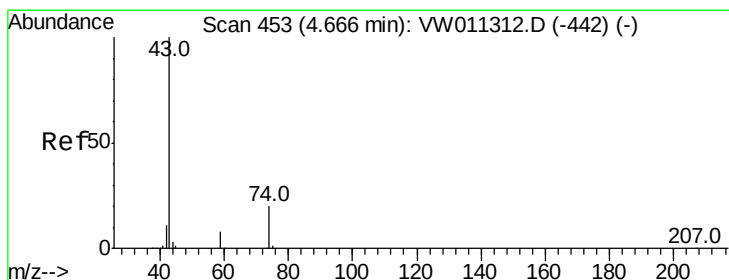
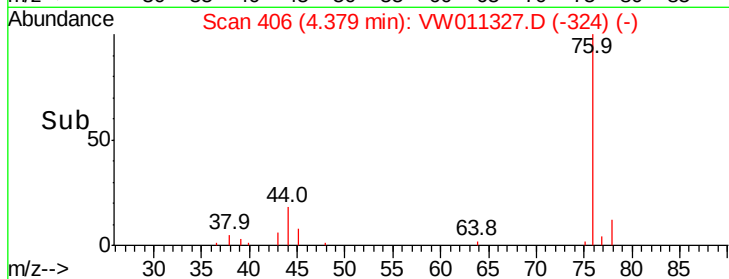
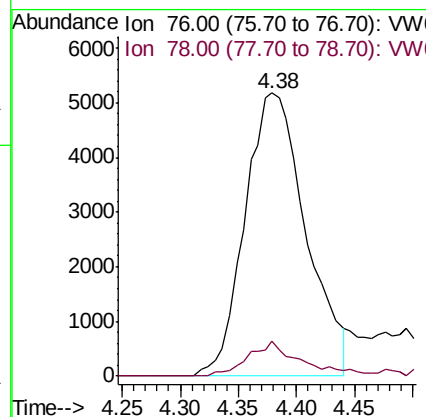
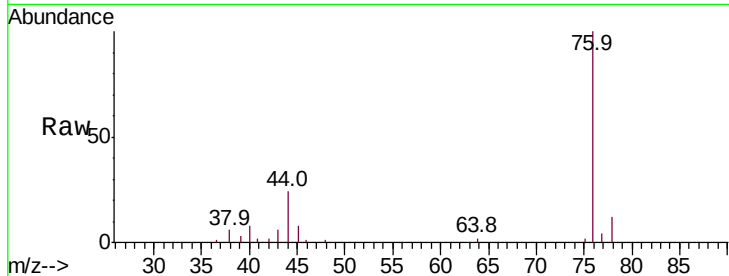
78 12.3 7.3 10.9#

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#15

Methyl Acetate

Concen: 5.944 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW011327.D

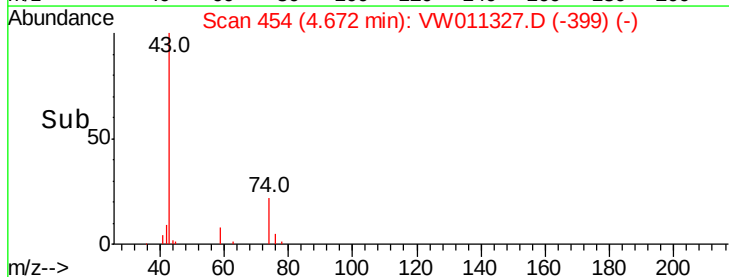
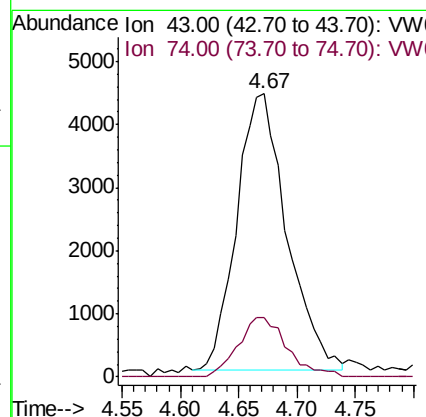
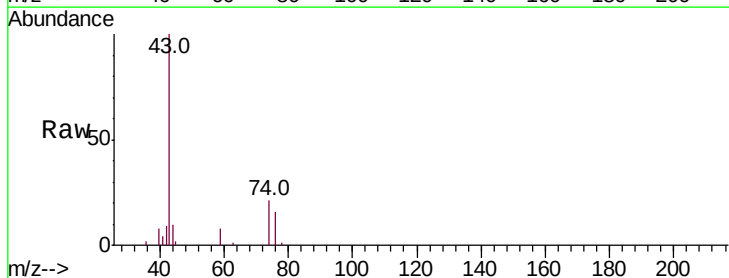
Acq: 18 Jul 2019 01:00

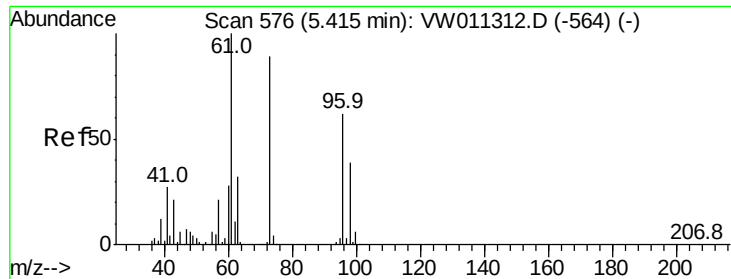
Tgt Ion: 43 Resp: 13084

Ion Ratio Lower Upper

43 100

74 21.0 15.1 22.7





#18

trans-1,2-Dichloroethene

Concen: 12.492 ug/L

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW011327.D

Acq: 18 Jul 2019 01:00

Instrument :

MSVOA_W

ClientSampled :

A52J0

Tot Ion: 96 Resp: 38196

Ion Ratio Lower Upper

96 100

61 160.5 113.7 211.1

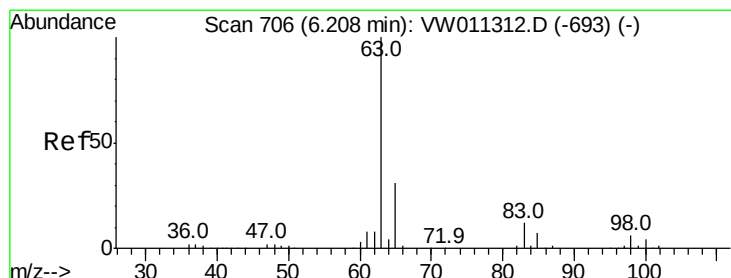
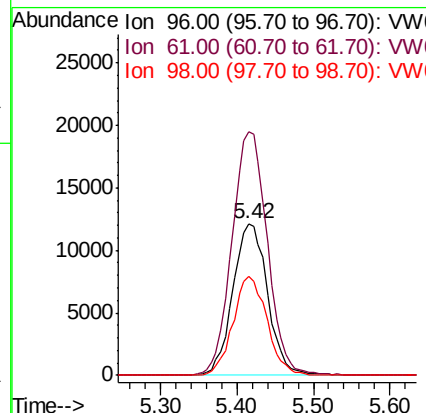
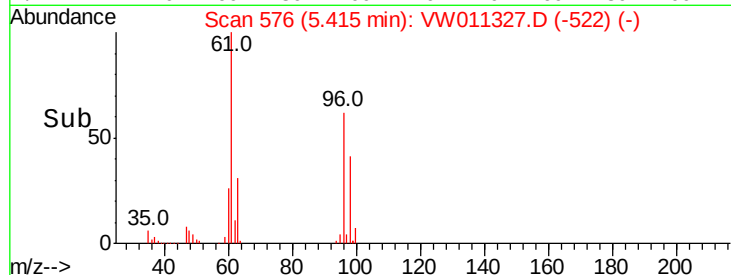
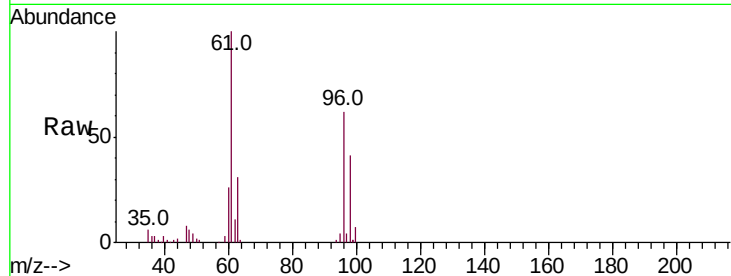
98 65.3 43.3 80.3

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#19

1,1-Dichloroethane

Concen: 0.607 ug/L

RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW011327.D

Acq: 18 Jul 2019 01:00

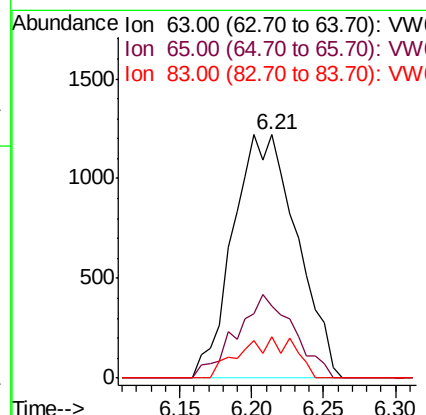
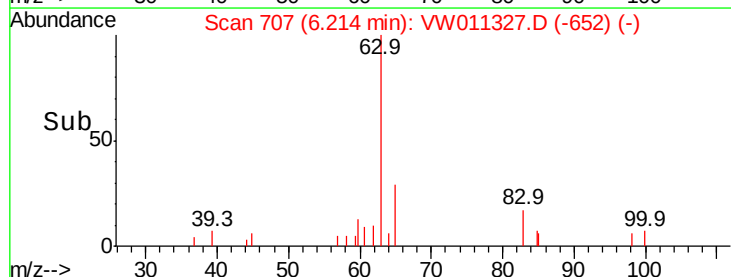
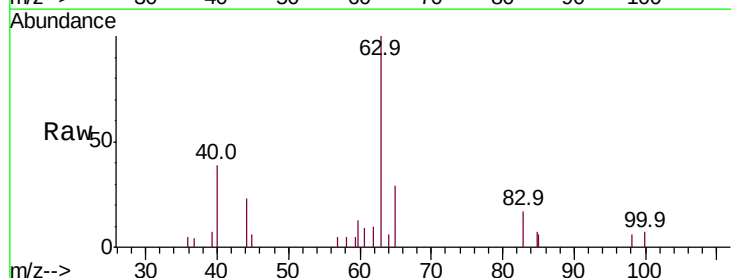
Tgt Ion: 63 Resp: 3769

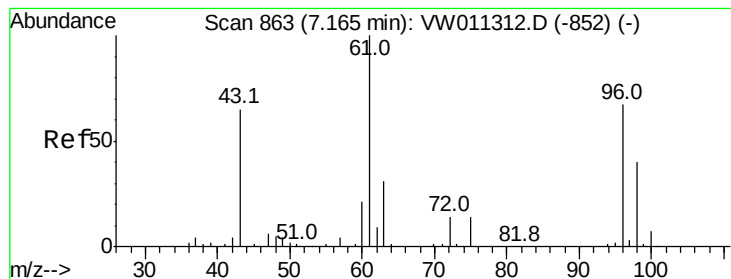
Ion Ratio Lower Upper

63 100

65 29.4 22.1 41.1

83 16.9 9.0 16.6#





#22

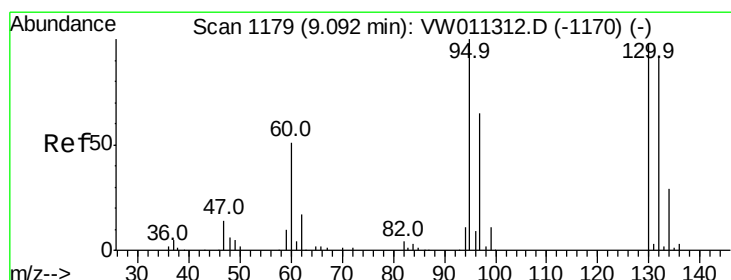
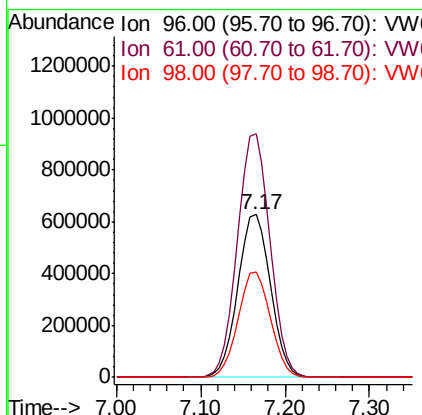
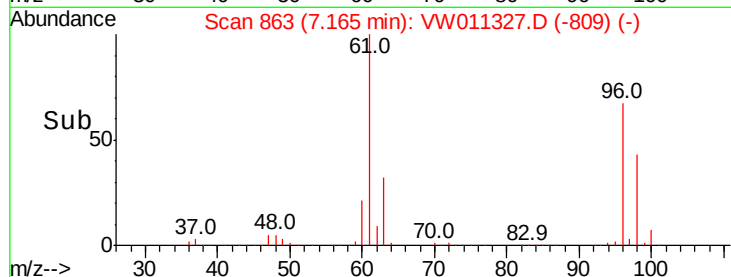
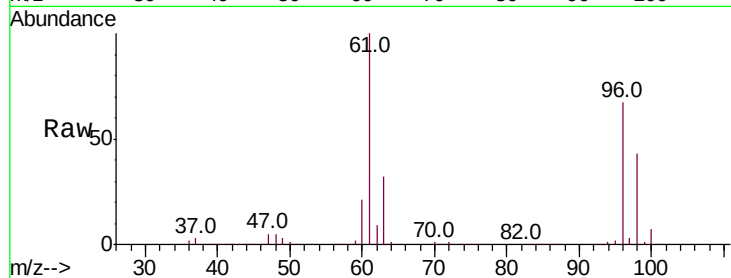
cis-1,2-Dichloroethene
Concen: 499.242 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011327.D
Acq: 18 Jul 2019 01:00

Instrument :
MSVOA_W
ClientSampled :
A52J0

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.6	103.2	191.6
98	64.4	44.8	83.2

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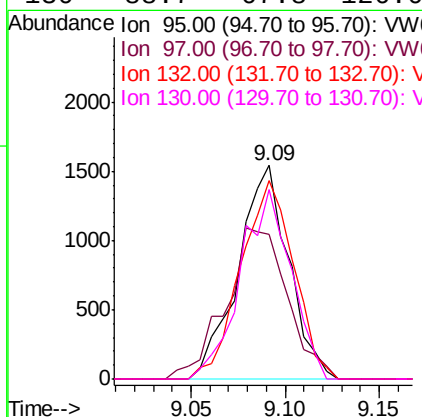
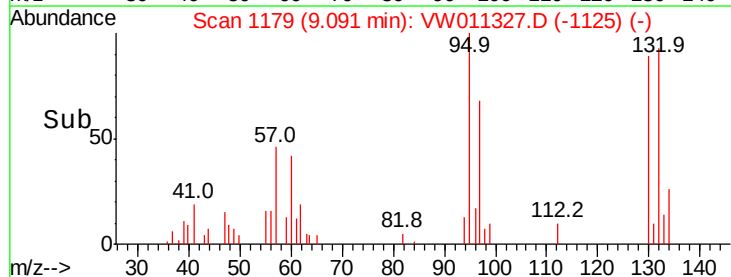
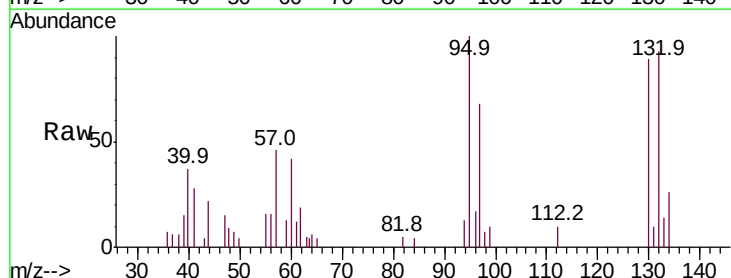
MMDadoda
7/22/2019 1:44:55 AM

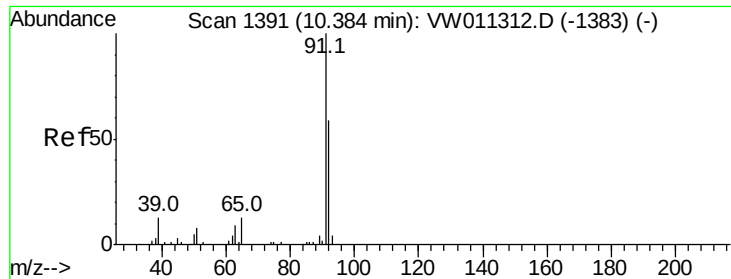


#35

Trichloroethene
Concen: 1.073 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW011327.D
Acq: 18 Jul 2019 01:00

Tgt Ion	Ratio	Lower	Upper
95	100		
97	86.3	45.4	84.2#
132	97.4	65.0	120.8
130	88.7	67.8	126.0





#44
Toluene
Concen: 2.436 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW011327.D
Acq: 18 Jul 2019 01:00

Instrument :
MSVOA_W
ClientSampleId :
A52J0

Tot Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.8	75.8

Manual Integrations
APPROVED

MMDadoda
7/22/2019 1:44:55 AM

