

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011289.D
 Acq On : 16 Jul 2019 16:39
 Operator : SY/VA
 Sample : K3798-06RE
 Misc : 4.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H0RE

Manual Integrations
 APPROVED

MMDadoda
 7/18/2019 8:05:16 AM

Quant Time: Jul 17 08:38:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 07:20:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	237641	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	196445	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	70655	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	57799	15.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.72%
7) Chloroethane-d5	2.88	69	47368	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
10) 1,1-Dichloroethene-d2	4.01	63	107109	13.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.76%
20) 2-Butanone-d5	7.07	46	125791	88.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.00%#
24) Chloroform-d	7.65	84	151850	23.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	8.30	65	109863	27.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.56%
29) Benzene-d6	8.27	84	292467	24.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.68%
33) 1,2-Dichloropropane-d6	9.27	67	106351	26.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.96%
37) Toluene-d8	10.32	98	234113	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.84%
38) trans-1,3-Dichloropropene-	10.58	79	40832	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.48%
39) 2-Hexanone-d5	10.93	63	80850	89.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	178.92%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111745	34.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.12%#
61) 1,2-Dichlorobenzene-d4	13.86	152	63256	23.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.28%

Target Compounds

					Ovalue
5) Vinyl chloride	2.35	62	17396	4.200	ug/L 91
13) Acetone	4.12	43	74936	53.673	ug/L 99
14) Carbon disulfide	4.38	76	10853	1.215	ug/L 100
15) Methyl Acetate	4.67	43	6878	3.028	ug/L # 90
18) trans-1,2-Dichloroethene	5.42	96	3948m	1.251	ug/L
21) 2-Butanone	7.17	43	19817	10.995	ug/L 88
22) cis-1,2-Dichloroethene	7.16	96	175795	51.463	ug/L 97
35) Trichloroethene	9.09	95	44631	14.405	ug/L 99
44) Toluene	10.39	91	10040	0.790	ug/L 93

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

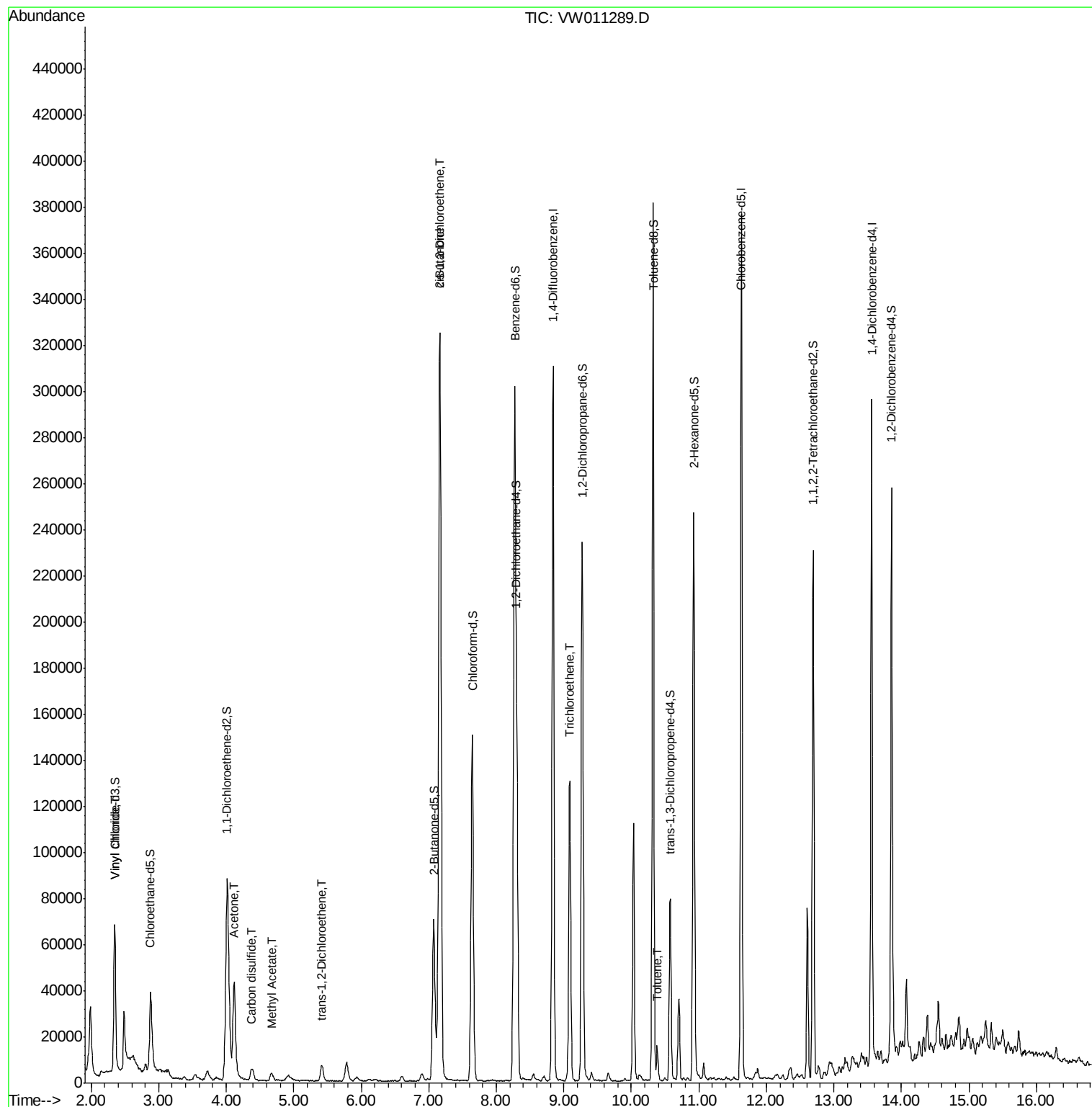
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011289.D
Acq On : 16 Jul 2019 16:39
Operator : SY/VA
Sample : K3798-06RE
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ALS Vial : 1 Sample Multiplier: 1

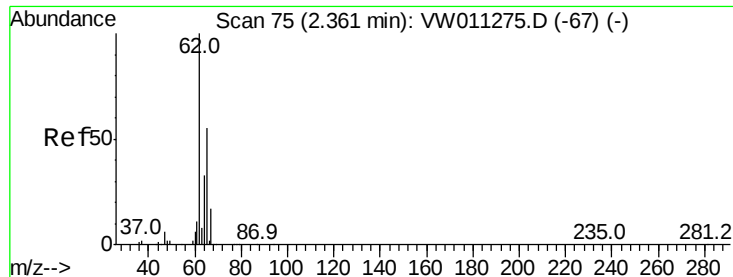
Instrument :
MSVOA_W
ClientSampleId :
A52H0RE

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Quant Time: Jul 17 08:38:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 17 07:20:32 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.200 ug/L

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011289.D

Acq: 16 Jul 2019 16:39

Instrument :

MSVOA_W

ClientSampled :

A52H0RE

Tot Ion: 62 Resp: 17396

Ion Ratio Lower Upper

62 100

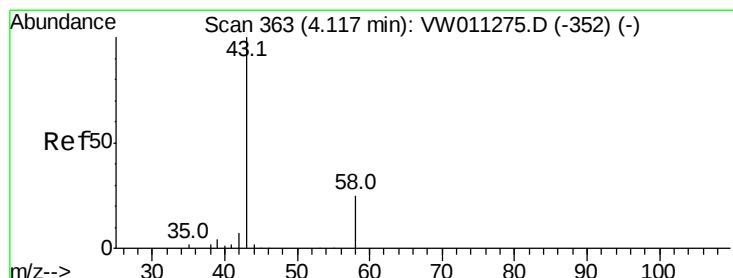
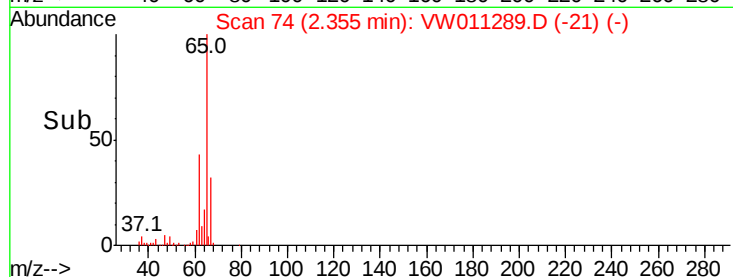
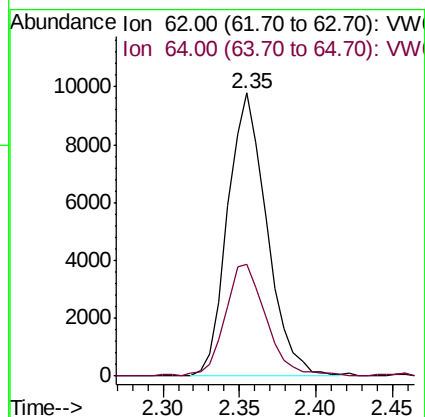
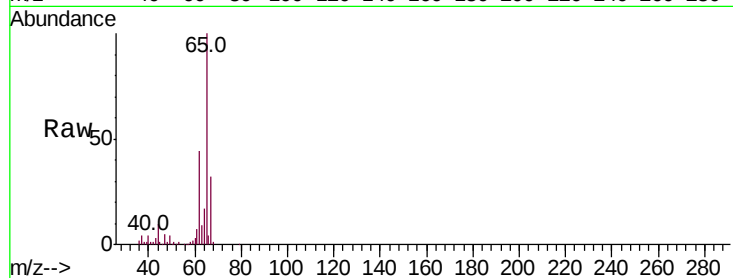
64 39.5 23.9 44.3

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#13

Acetone

Concen: 53.673 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011289.D

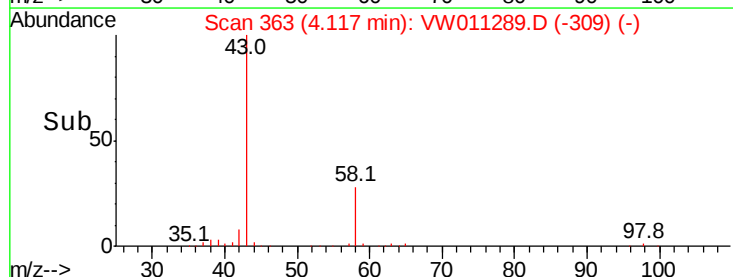
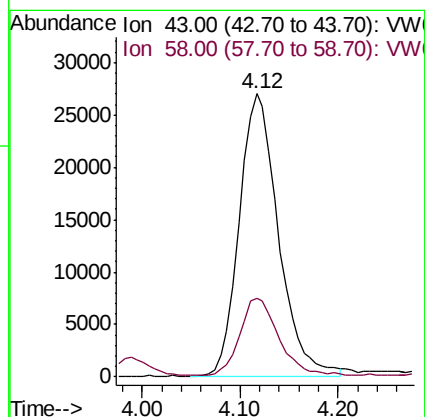
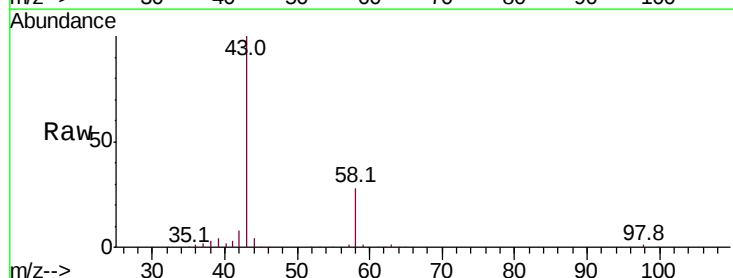
Acq: 16 Jul 2019 16:39

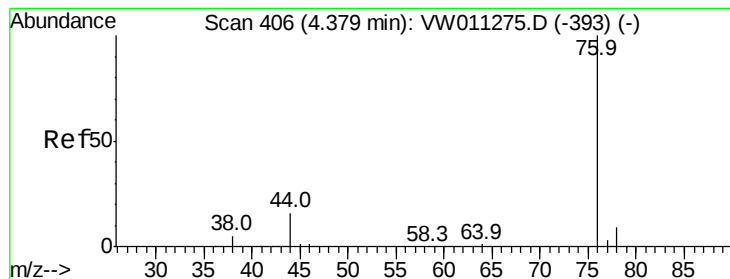
Tgt Ion: 43 Resp: 74936

Ion Ratio Lower Upper

43 100

58 26.9 0.0 55.0





#14

Carbon disulfide

Concen: 1.215 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW011289.D

Acq: 16 Jul 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

A52H0RE

Tot Ion: 76 Resp: 10853

Ion Ratio Lower Upper

76 100

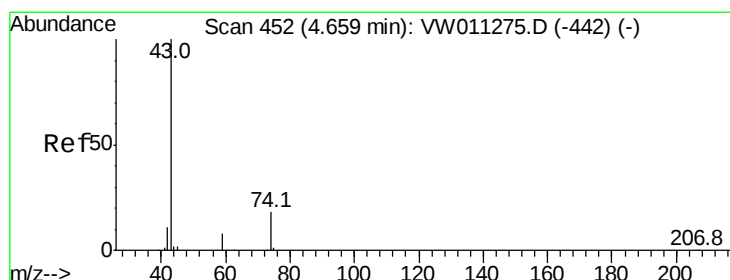
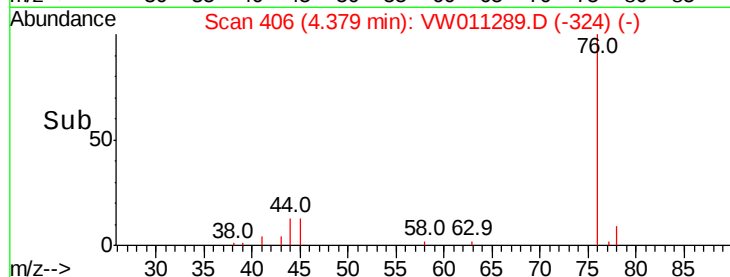
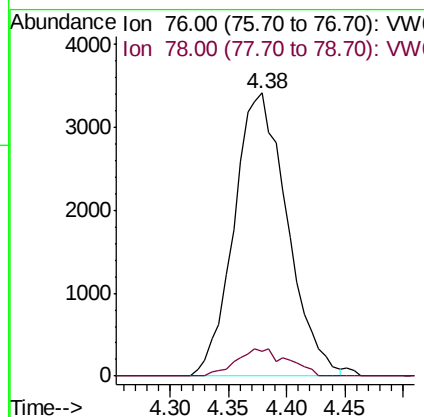
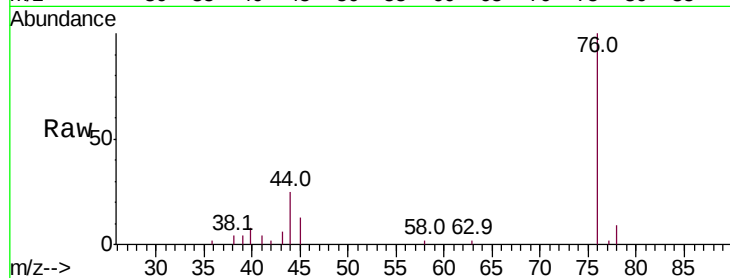
78 8.9 7.3 10.9

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#15

Methyl Acetate

Concen: 3.028 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW011289.D

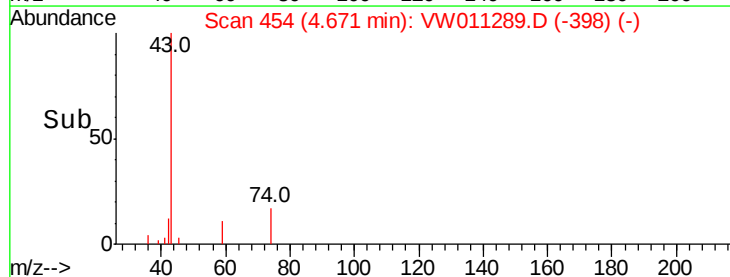
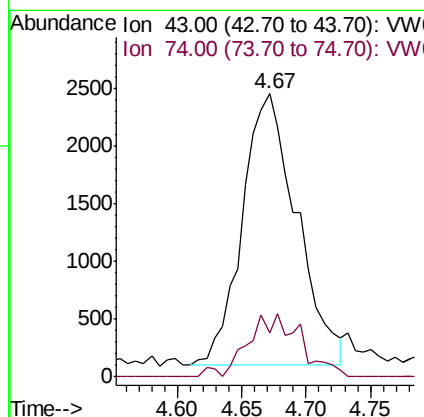
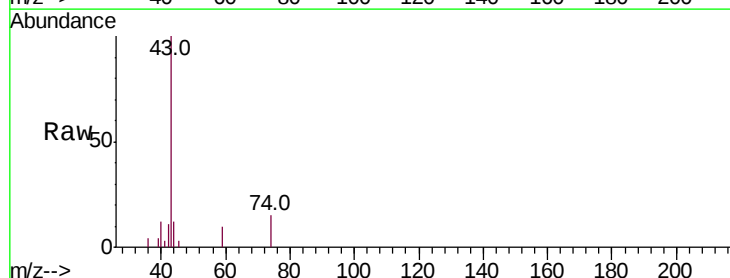
Acq: 16 Jul 2019 16:39

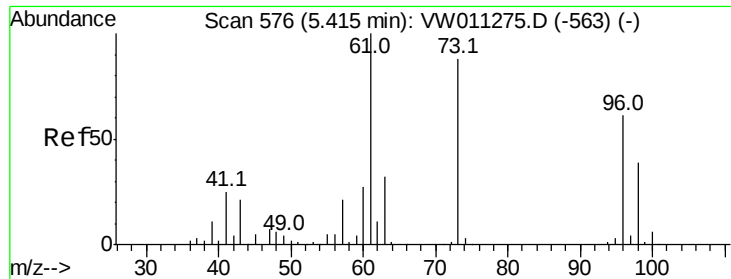
Tgt Ion: 43 Resp: 6878

Ion Ratio Lower Upper

43 100

74 14.5 15.1 22.7#





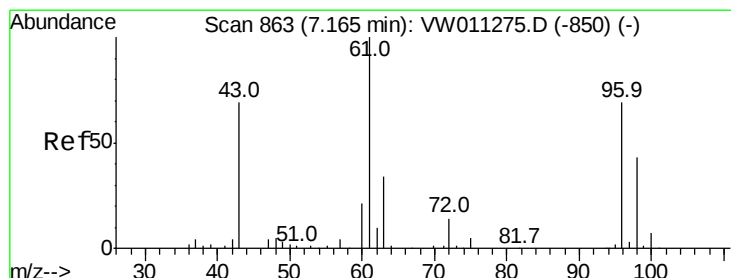
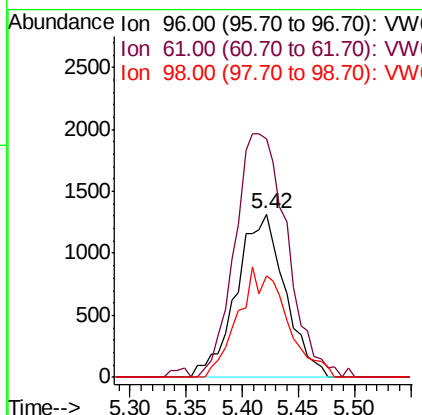
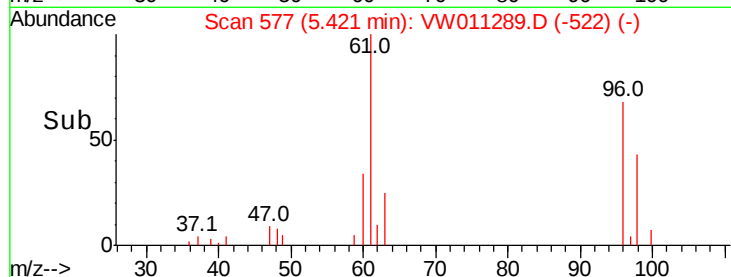
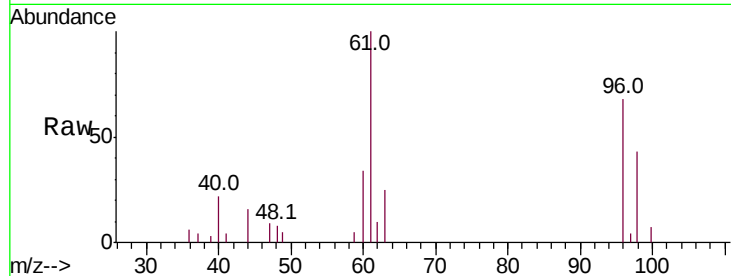
#18
trans-1,2-Dichloroethene
Concen: 1.251 ug/L m
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW011289.D
Acq: 16 Jul 2019 16:39

Instrument :
MSVOA_W
ClientSampleId :
A52H0RE

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.5	113.7	211.1
98	62.5	43.3	80.3

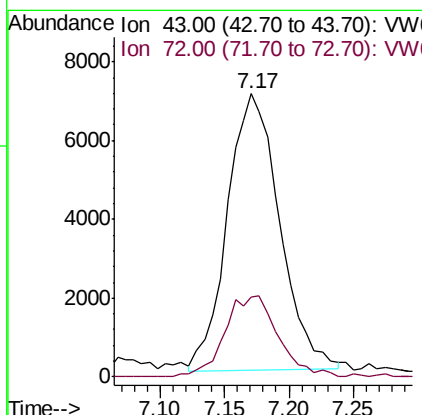
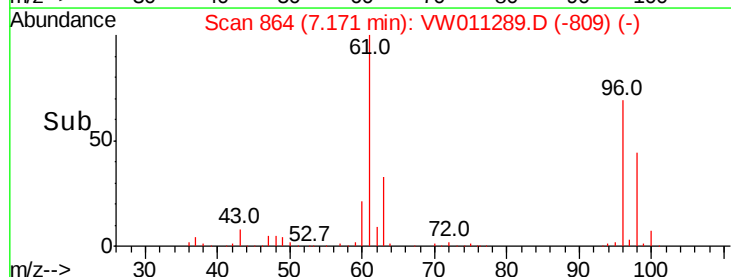
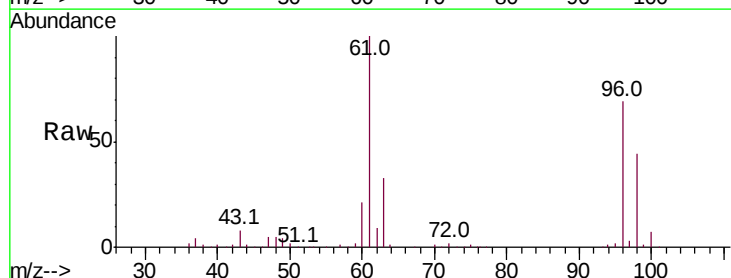
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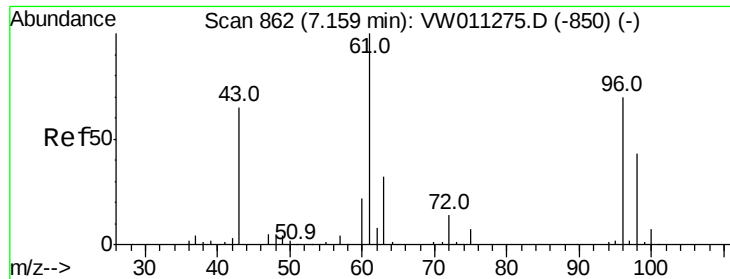
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#21
2-Butanone
Concen: 10.995 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW011289.D
Acq: 16 Jul 2019 16:39

Tgt Ion	Ratio	Lower	Upper
43	100		
72	16.5	11.2	33.6





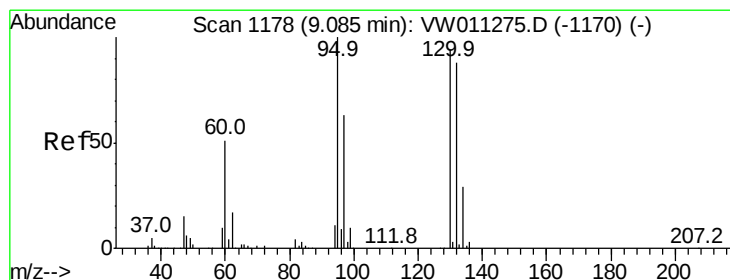
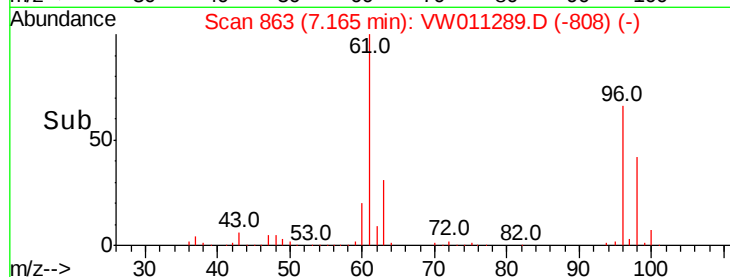
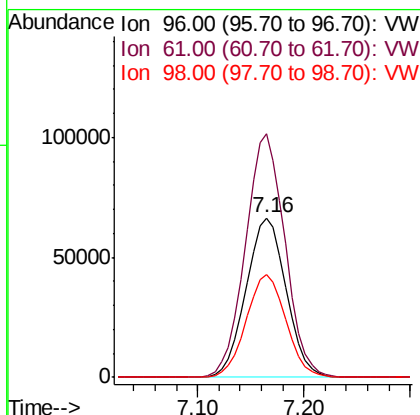
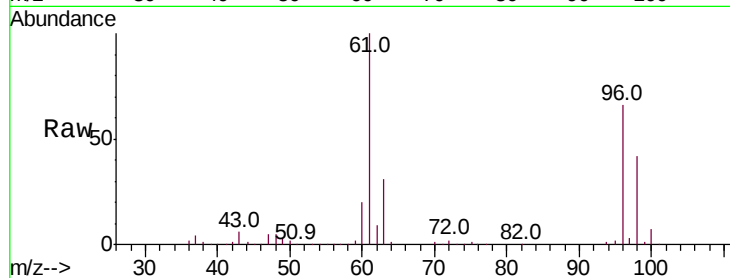
#22
 cis-1,2-Dichloroethene
 Concen: 51.463 ug/L
 RT: 7.16 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW011289.D
 Acq: 16 Jul 2019 16:39

Instrument :
 MSVOA_W
 ClientSampled :
 A52H0RE

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.5	103.2	191.6
98	64.2	44.8	83.2

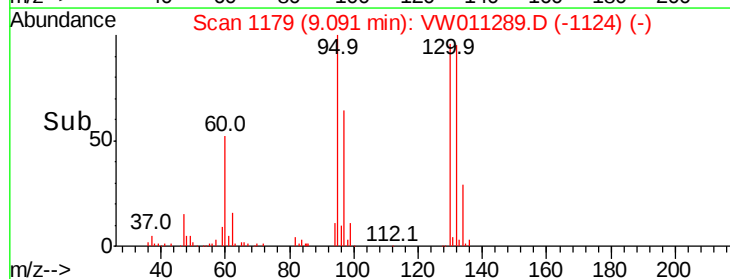
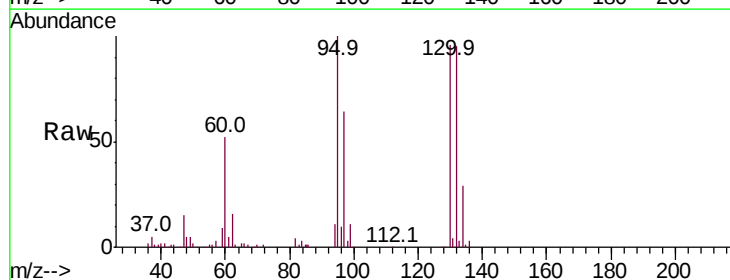
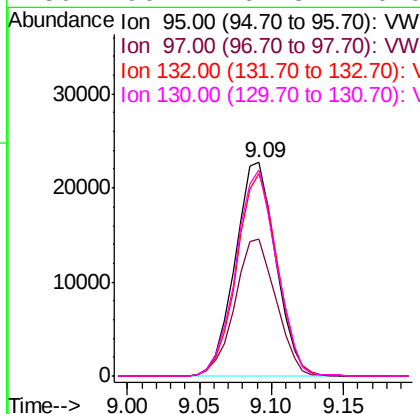
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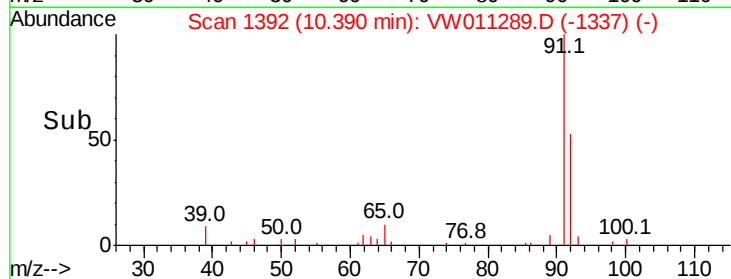
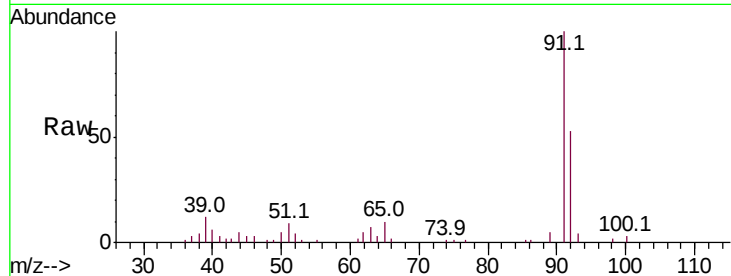
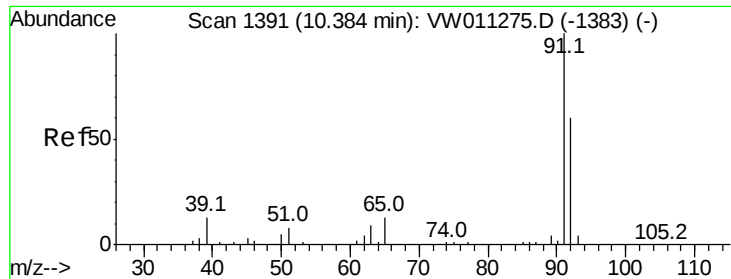
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#35
 Trichloroethene
 Concen: 14.405 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW011289.D
 Acq: 16 Jul 2019 16:39

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.4	84.2
132	94.4	65.0	120.8
130	96.1	67.8	126.0





#44

Toluene

Concen: 0.790 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW011289.D

Acq: 16 Jul 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

A52H0RE

Tot Ion: 91 Resp: 10040

Ion Ratio Lower Upper

91 100

92 53.4 40.8 75.8

Manual Integrations

APPROVED

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