

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121619\
 Data File : VV014071.D
 Acq On : 16 Dec 2019 14:47
 Operator : SY/MD
 Sample : K6275-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDS0

Manual Integrations
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Quant Time: Dec 17 06:30:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 17 05:42:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	375373	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	384985	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	168082	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100111	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.58	69	92404	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.13	63	125177	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.95	46	300061	62.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.26%
24) Chloroform-d	4.40	84	185108	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
26) 1,2-Dichloroethane-d4	5.08	65	107798	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	365375	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
36) 1,2-Dichloropropane-d6	6.12	67	127472	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.36	98	279613	3.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.00%#
43) trans-1,3-Dichloropropene-	7.66	79	43510	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.14	63	204551	48.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101888	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	137932	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

					Qvalue
13) Acetone	2.21	43	13363m	3.957	ug/L
17) Methyl tert-butyl Ether	2.81	73	6429	0.130	ug/L # 73
22) cis-1,2-Dichloroethene	3.96	96	10736	0.449	ug/L 99
25) Chloroform	4.43	83	27581	0.639	ug/L 97
34) Trichloroethene	5.96	95	39489	1.516	ug/L 95

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

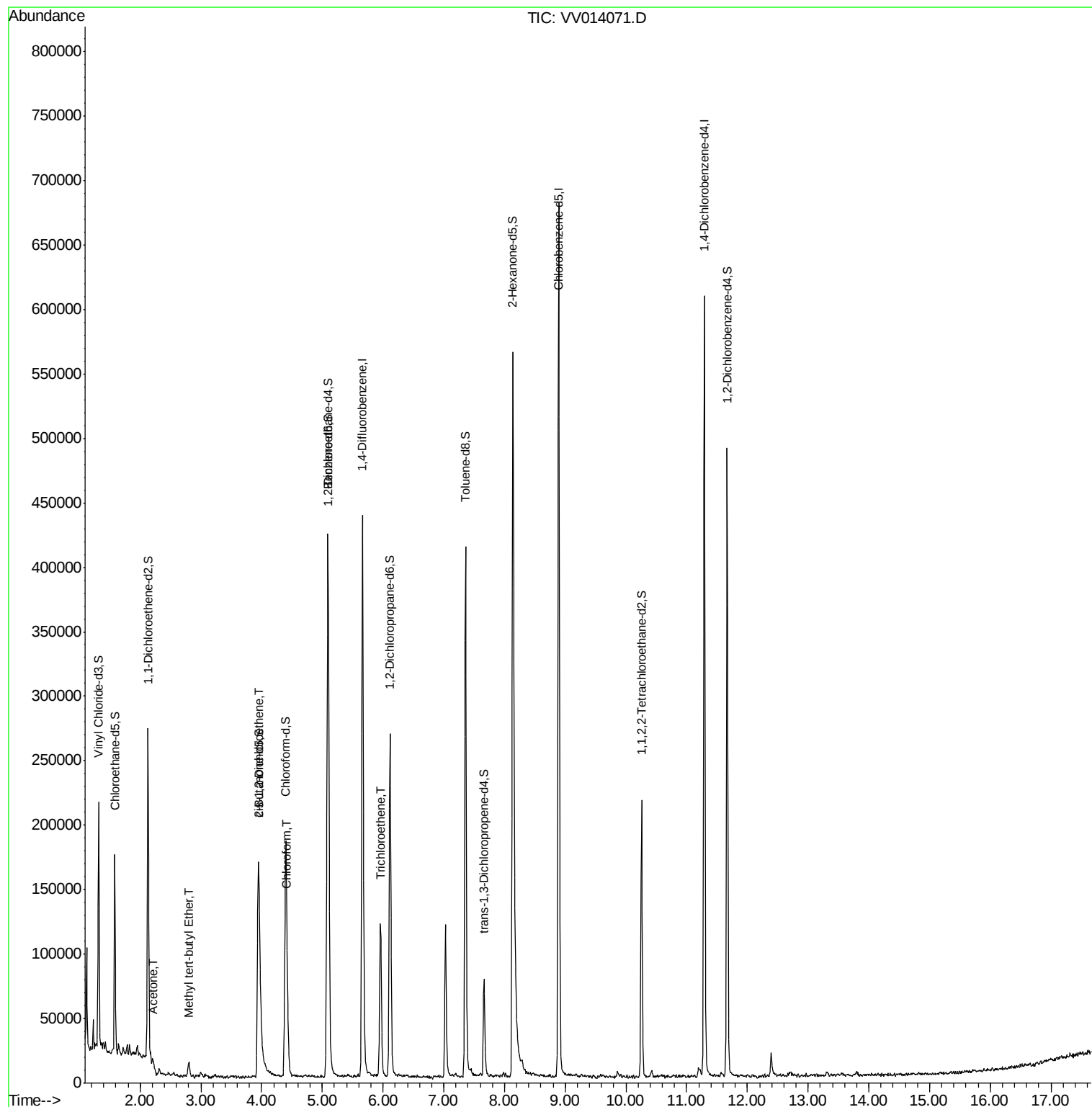
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV121619\
Data File : VV014071.D
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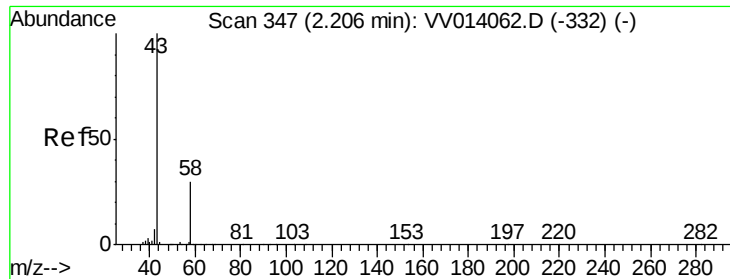
Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 05:42:45 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.957 ug/L m

RT: 2.21 min Scan# 347

Delta R.T. 0.00 min

Lab File: VV014071.D

Acq: 16 Dec 2019 14:47

Instrument :

MSVOA_V

ClientSampleId :

BFDS0

Tgt Ion: 43 Resp: 13363

Ion Ratio Lower Upper

43 100

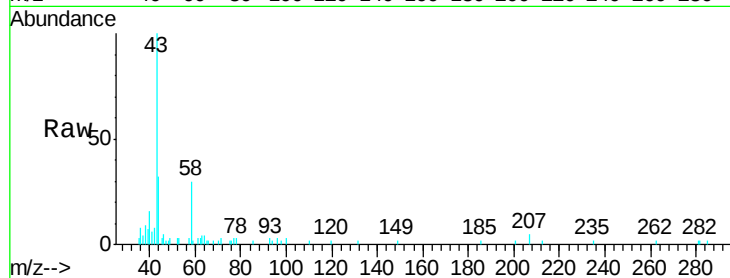
58 1.2 0.0 27.2

Manual Integrations

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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

6000

4000

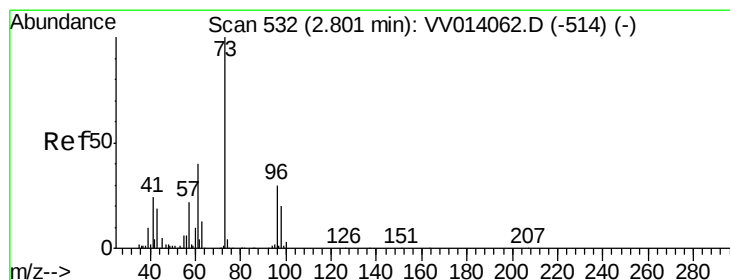
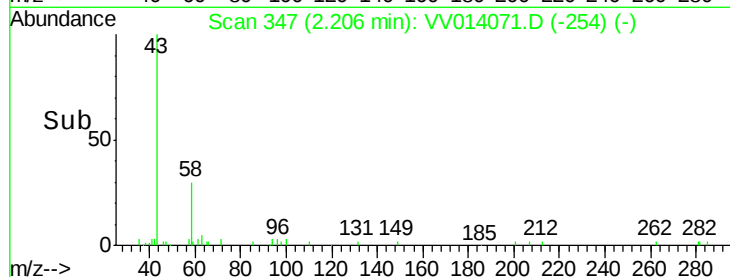
2000

0

Time-->

2.15 2.20 2.25 2.30

2.21



#17

Methyl tert-butyl Ether

Concen: 0.130 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.01 min

Lab File: VV014071.D

Acq: 16 Dec 2019 14:47

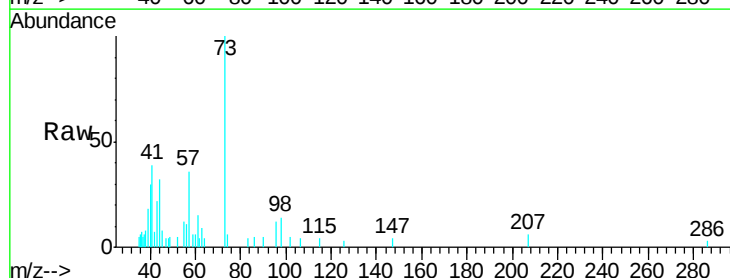
Tgt Ion: 73 Resp: 6429

Ion Ratio Lower Upper

73 100

43 24.6 15.5 23.3#

57 41.1 17.5 26.3#



Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

4000

3000

2000

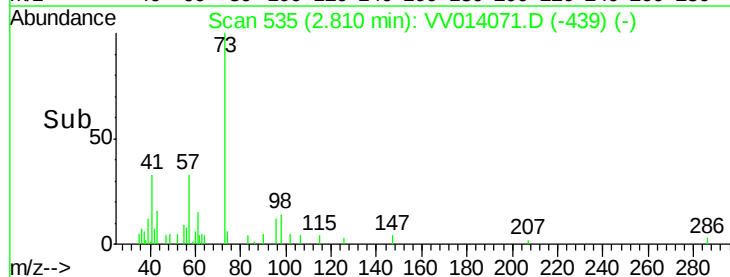
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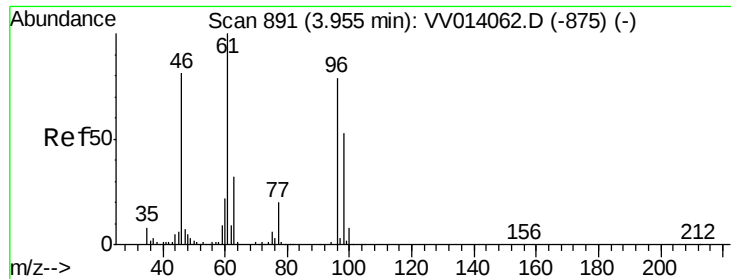
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Time-->

2.75 2.80 2.85

2.81





#22

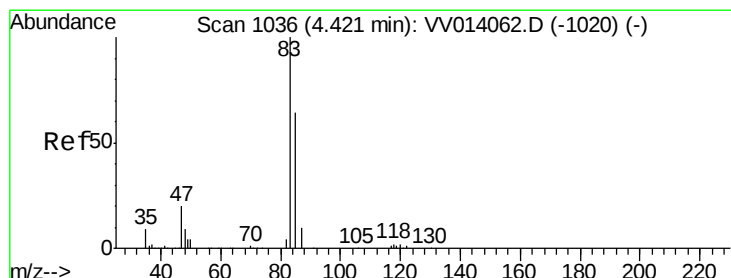
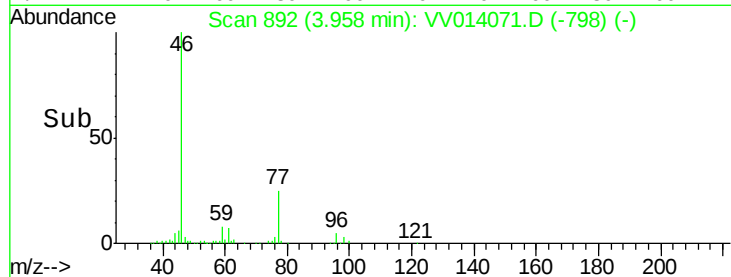
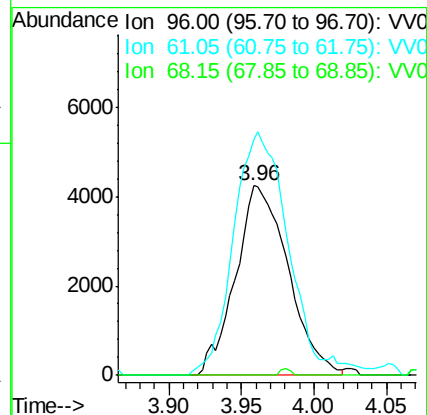
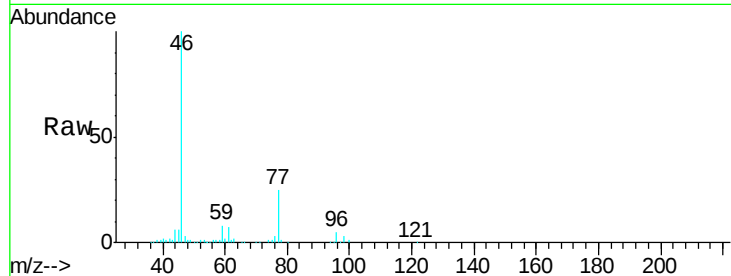
cis-1,2-Dichloroethene
Concen: 0.449 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV014071.D
Acq: 16 Dec 2019 14:47

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Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.5	86.1	159.9
68	0.0	0.0	0.0

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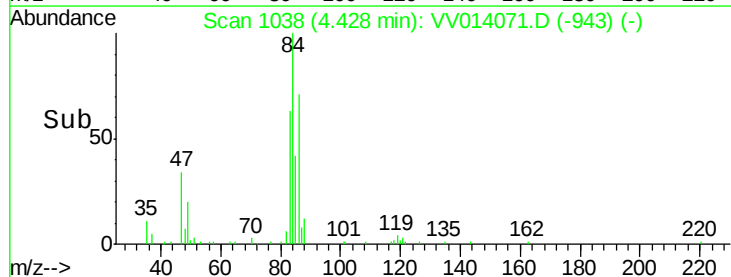
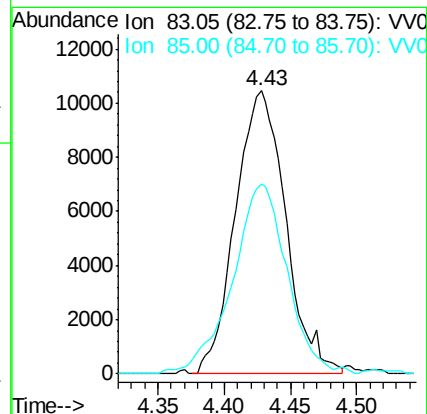
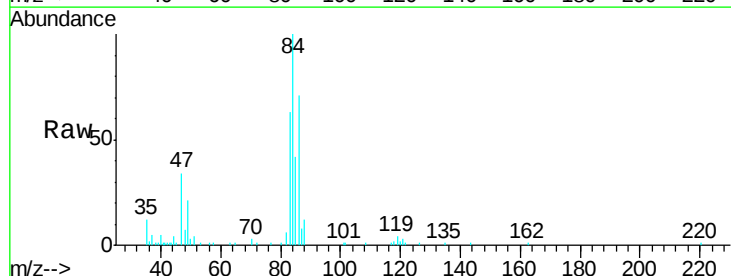
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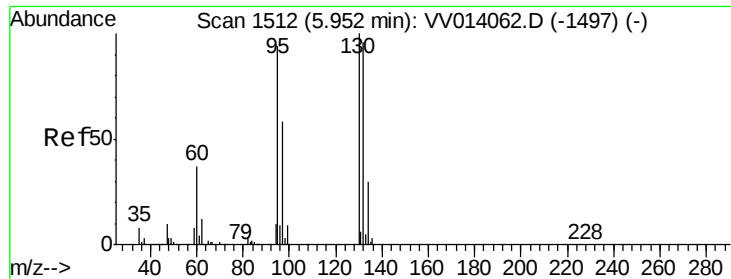


#25

Chloroform
Concen: 0.639 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014071.D
Acq: 16 Dec 2019 14:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	45.1	83.7





#34
 Trichloroethene
 Concen: 1.516 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.01 min
 Lab File: VV014071.D
 Acq: 16 Dec 2019 14:47

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDS0

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		39489		
97	60.7	45.6		84.8	
132	98.2	70.5		130.9	
130	100.7	75.9		140.9	

Manual Integrations
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