

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121619\
 Data File : VV014070.D
 Acq On : 16 Dec 2019 14:25
 Operator : SY/MD
 Sample : K6275-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDS4

Manual Integrations
 APPROVED

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 12/17/2019 3:03:27 PM

Quant Time: Dec 17 06:26:04 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	374297	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	370719	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	159224	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99698	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	93970	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	122426	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.93	46	256269	53.21	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.42%
24) Chloroform-d	4.40	84	193670	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.08	65	100353	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.10	84	362668	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.80%
36) 1,2-Dichloropropane-d6	6.12	67	122152	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.36	98	262010	2.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.40%#
43) trans-1,3-Dichloropropene-	7.66	79	39871	3.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.80%
46) 2-Hexanone-d5	8.13	63	156100	38.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	85346	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	125429	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds					Qvalue
13) Acetone	2.19	43	7711m	2.290 ug/L	
25) Chloroform	4.43	83	12982	0.302 ug/L	98
42) Toluene	7.43	91	21687	0.222 ug/L	97

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

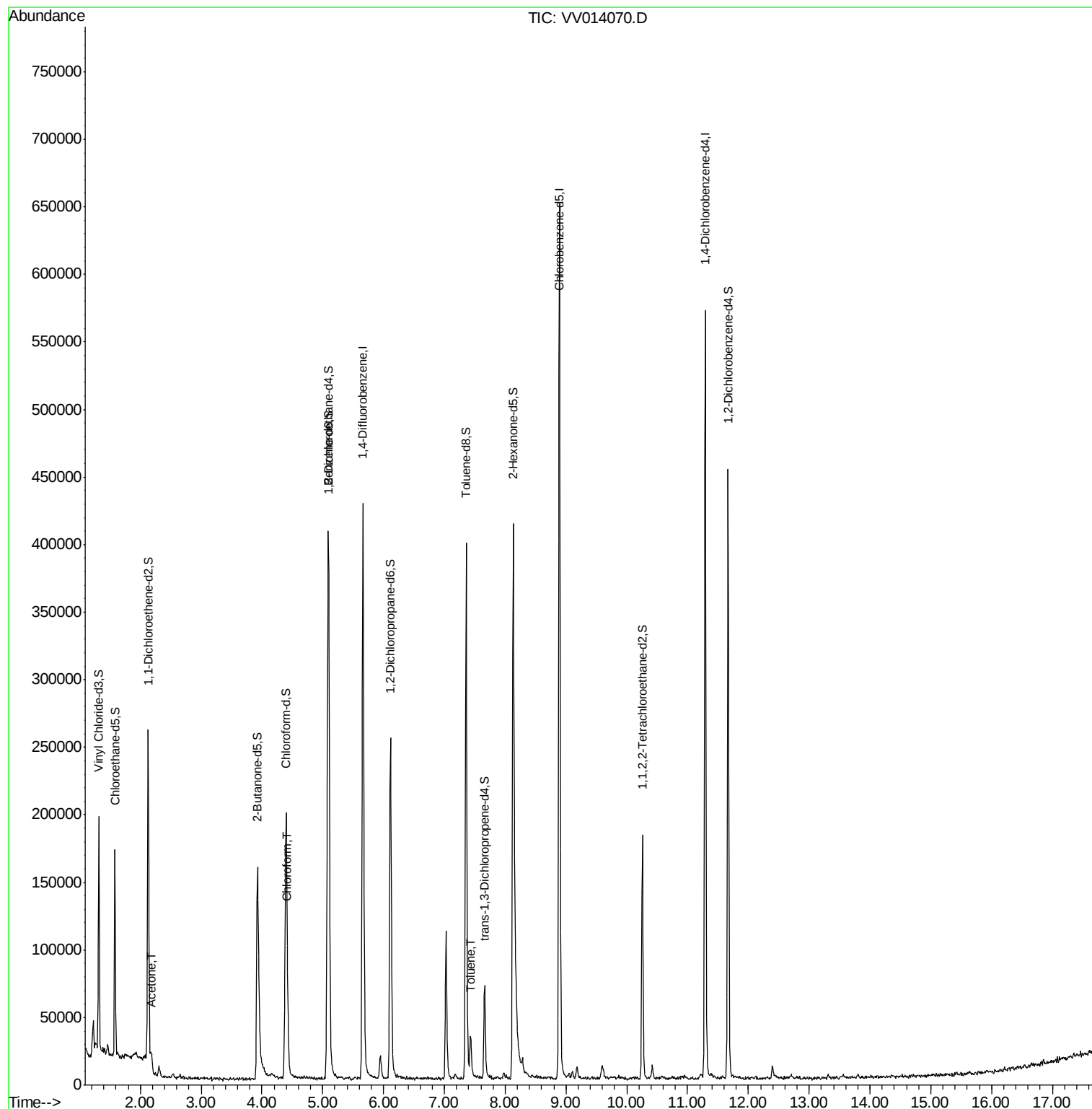
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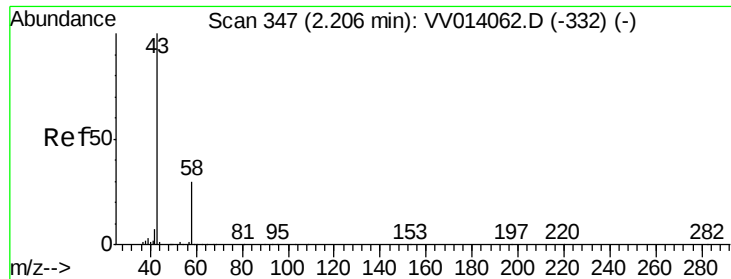
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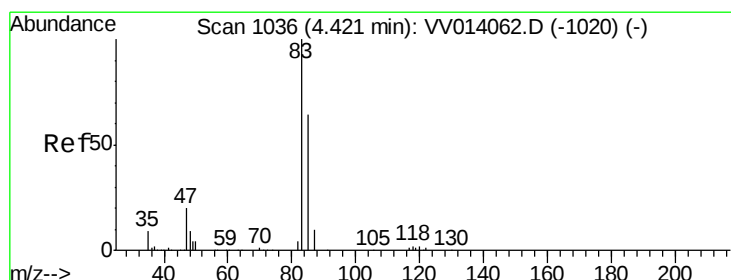
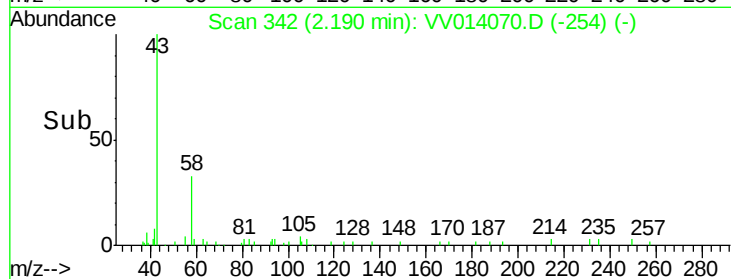
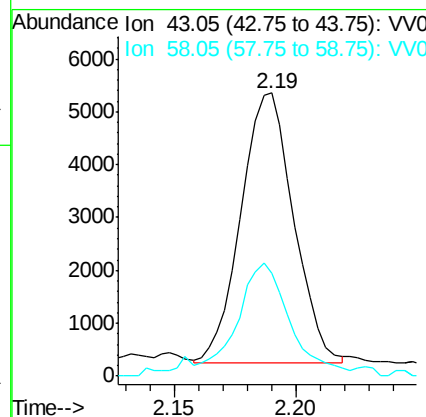
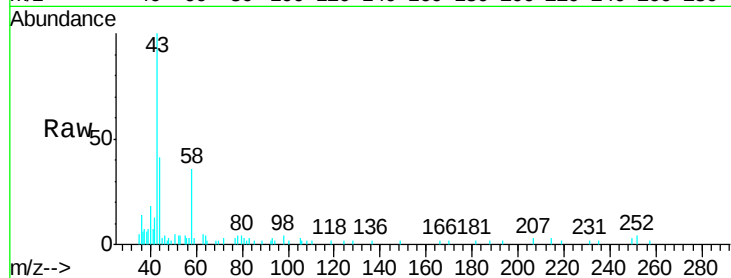
#13
Acetone
Concen: 2.290 ug/L m
RT: 2.19 min Scan# 342
Delta R.T. -0.02 min
Lab File: VV014070.D
Acq: 16 Dec 2019 14:25

Instrument :
MSVOA_V
ClientSampled :
BFDS4

Tgt Ion	Ratio	Lower	Upper
43	100		
58	5.3	0.0	27.2

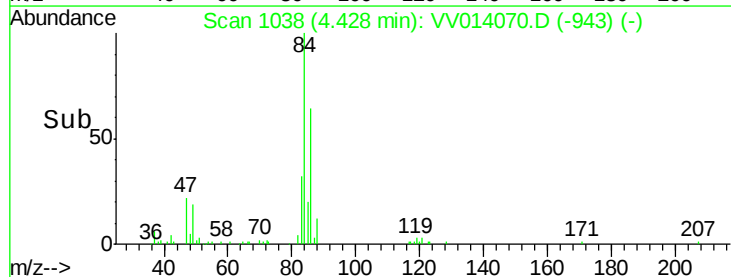
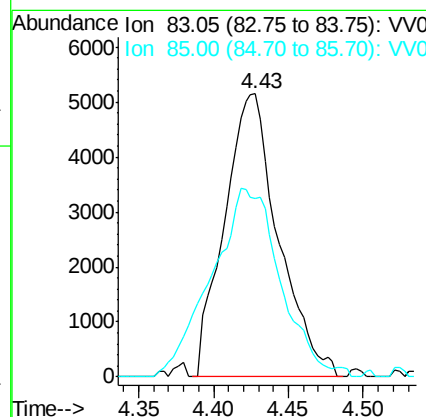
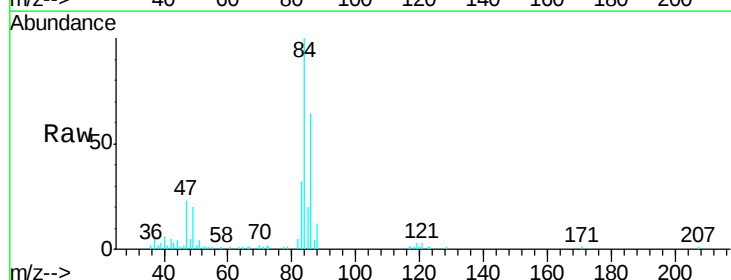
Manual Integrations
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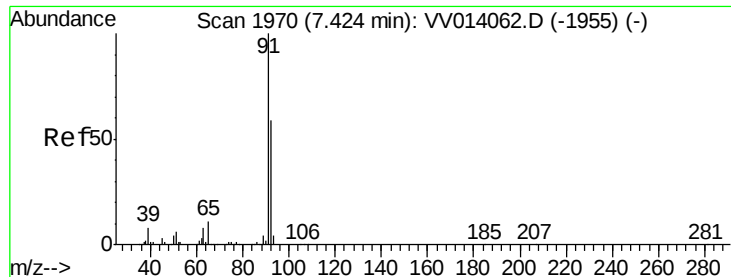
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#25
Chloroform
Concen: 0.302 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014070.D
Acq: 16 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.1	83.7





#42

Toluene

Concen: 0.222 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV014070.D

Acq: 16 Dec 2019 14:25

Instrument :
MSVOA_V
ClientSampleId :
BFDS4

Tgt Ion: 91 Resp: 21687

Ion Ratio Lower Upper

91 100

92 56.2 41.1 76.3

Manual Integrations
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