

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U051719\
 Data File : VU032132.D
 Acq On : 18 May 2019 05:01
 Operator : JC/SP
 Sample : K2860-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W34

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 10:12:00 AM

Quant Time: May 18 06:40:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 18 05:45:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	346990	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	363561	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	140672	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	112451	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.68	69	95475	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.27	63	158672	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.20	46	241000	42.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.00%
24) Chloroform-d	4.64	84	224695	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.31	65	111733	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	5.33	84	444173	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.33	67	128725	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.40%
41) Toluene-d8	7.56	98	364101	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	7.85	79	39059	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	8.31	63	201769	38.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108630	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	138182	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.34	43	38272	20.316	ug/L	95
18) trans-1,2-Dichloroethene	2.97	96	2725	0.183	ug/L #	75
22) cis-1,2-Dichloroethene	4.22	96	6320	0.431	ug/L	98
23) Bromochloromethane	4.55	128	1442m	0.229	ug/L	
34) Trichloroethene	6.19	95	14954	0.988	ug/L	82
38) Bromodichloromethane	6.75	83	59687	3.419	ug/L #	99
47) Tetrachloroethene	8.22	164	5426	0.479	ug/L	94
49) Dibromochloromethane	8.47	129	55376	4.766	ug/L	95
61) Bromoform	9.96	173	12018	2.226	ug/L	96

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

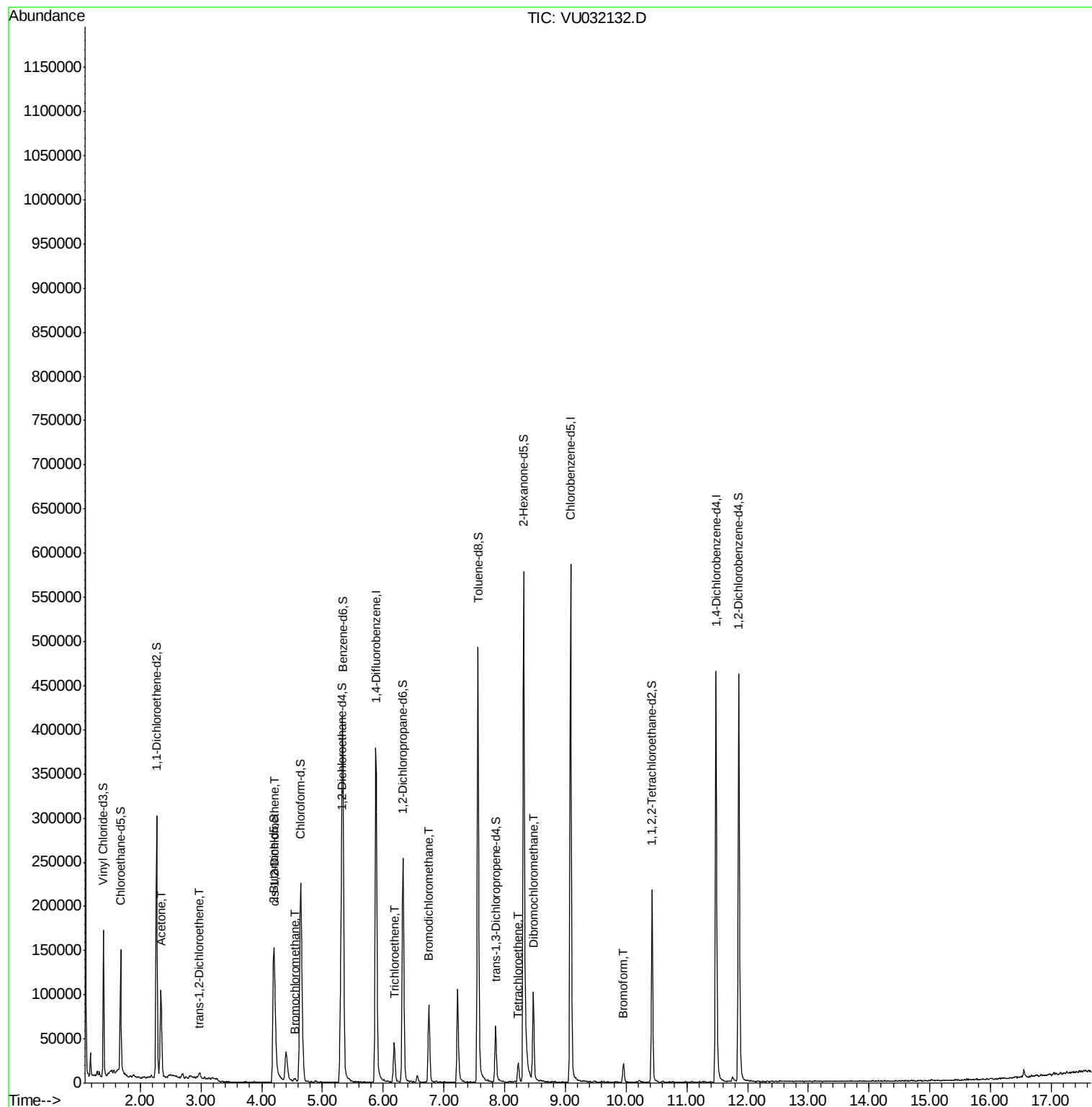
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051719\
Data File : VU032132.D
Acq On : 18 May 2019 05:01
Operator : JC/SP
Sample : K2860-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

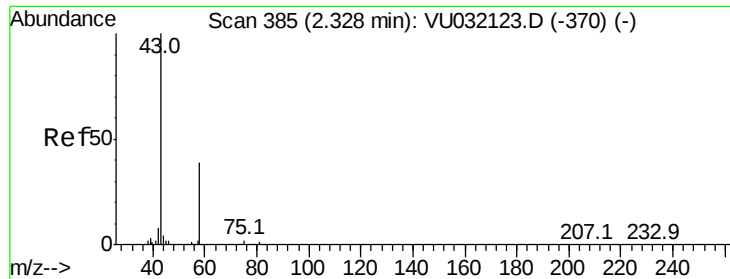
Instrument :
MSVOA_U
ClientSampleId :
F9W34

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Quant Time: May 18 06:40:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 05:45:56 2019
Response via : Initial Calibration





#13

Acetone

Concen: 20.316 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

Lab File: VU032132.D

Acq: 18 May 2019 05:01

Instrument :

MSVOA_U

ClientSampleId :

F9W34

Tot Ion: 43 Resp: 38272

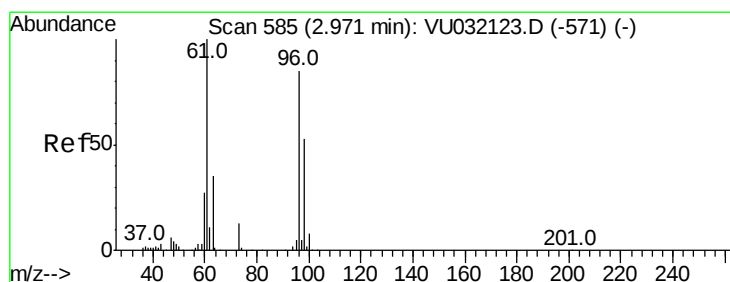
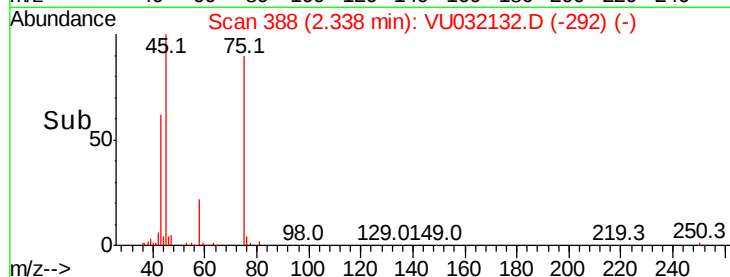
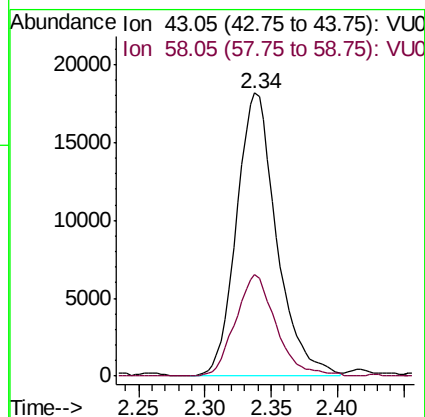
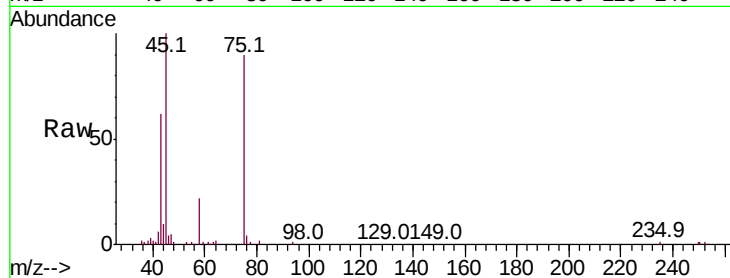
Ion Ratio Lower Upper

43 100

58 36.3 0.0 78.8

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#18

trans-1,2-Dichloroethene

Concen: 0.183 ug/L

RT: 2.97 min Scan# 586

Delta R.T. 0.00 min

Lab File: VU032132.D

Acq: 18 May 2019 05:01

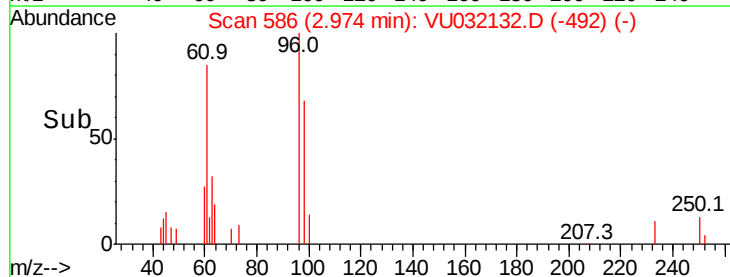
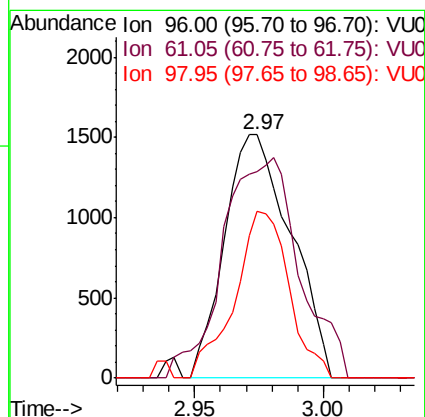
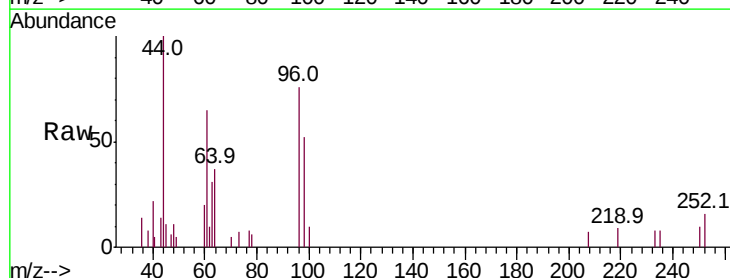
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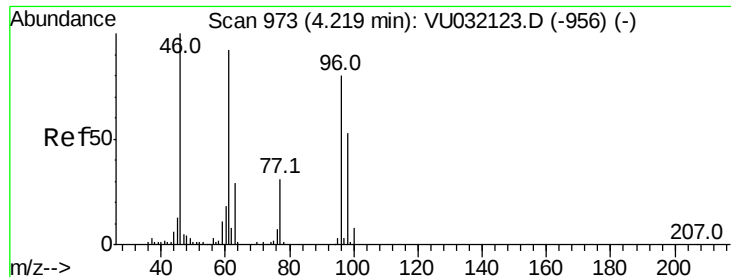
Ion Ratio Lower Upper

96 100

61 85.0 86.5 160.7#

98 68.4 43.5 80.9





#22

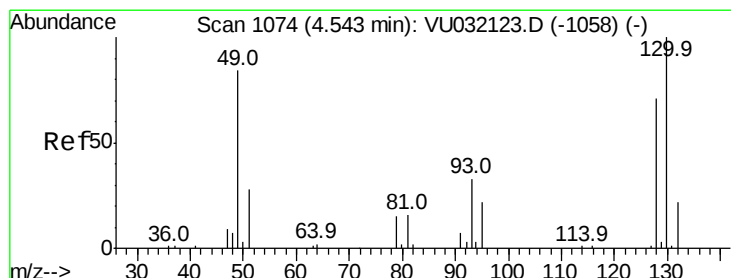
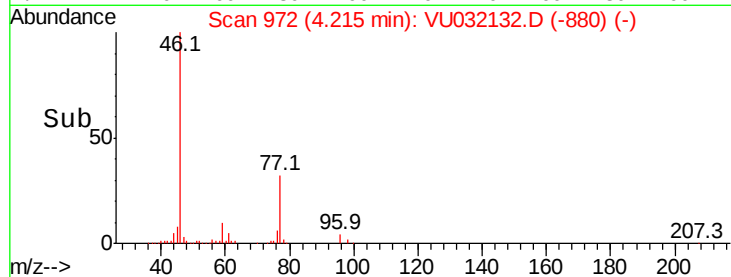
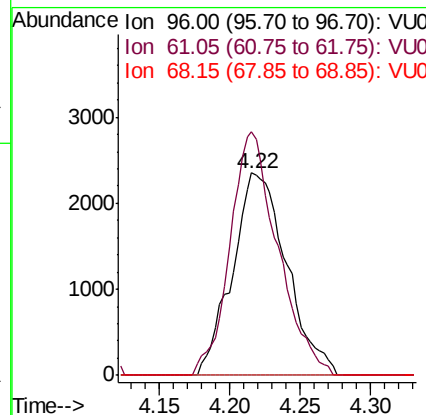
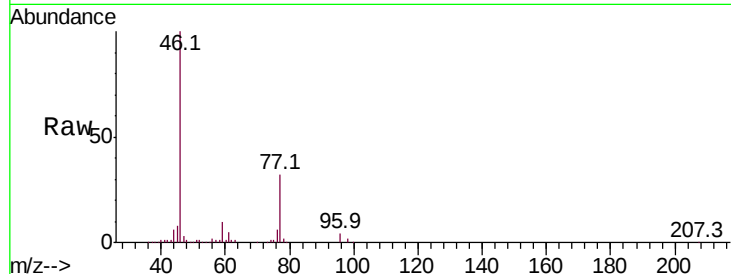
cis-1,2-Dichloroethene
Concen: 0.431 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032132.D
Acq: 18 May 2019 05:01

Instrument :
MSVOA_U
ClientSampleId :
F9W34

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.3	85.8	159.4
68	0.0	0.0	0.0

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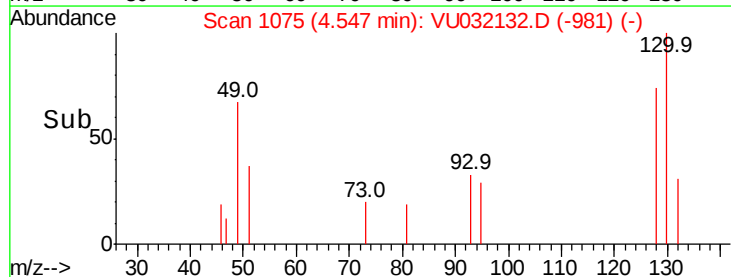
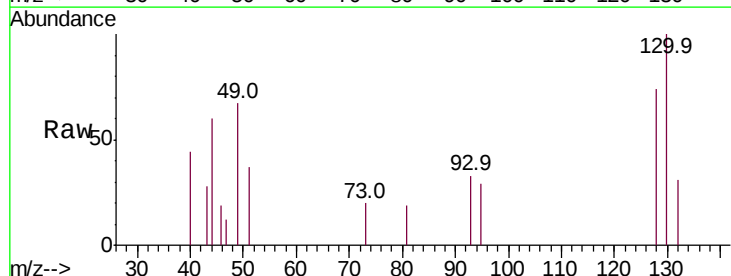
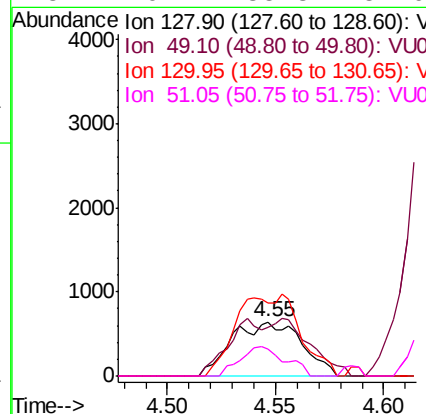
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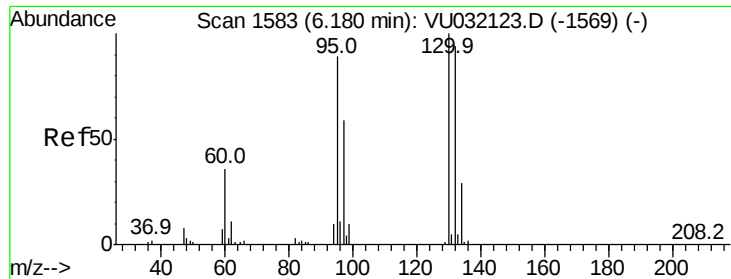


#23

Bromochloromethane
Concen: 0.229 ug/L m
RT: 4.55 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VU032132.D
Acq: 18 May 2019 05:01

Tgt Ion	Ratio	Lower	Upper
128	100		
49	90.2	92.2	171.2#
130	134.8	90.3	167.7
51	49.4	35.3	52.9





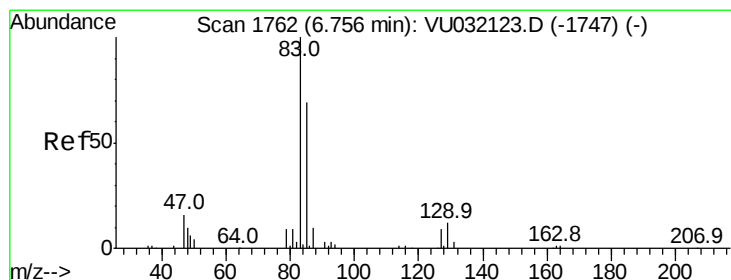
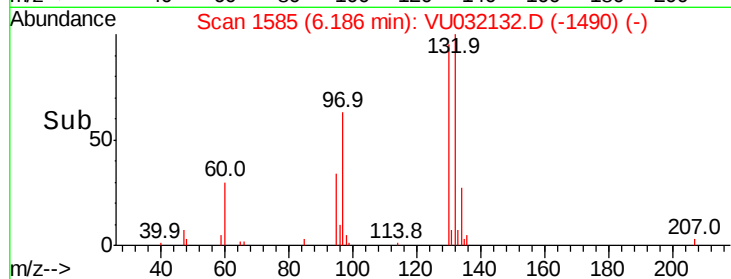
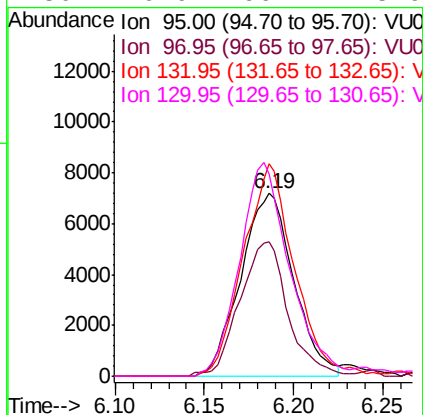
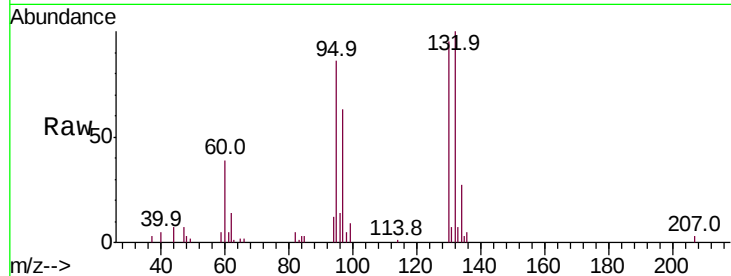
#34
 Trichloroethene
 Concen: 0.988 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU032132.D
 Acq: 18 May 2019 05:01

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W34

Tot Ion:	95	Resp:	14954
Ion	Ratio	Lower	Upper
95	100		
97	73.7	45.2	84.0
132	116.7	66.1	122.7
130	110.9	66.7	123.9

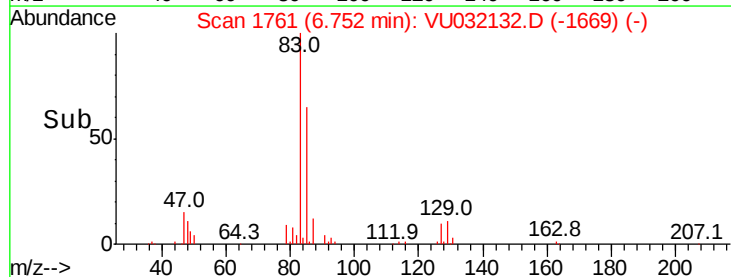
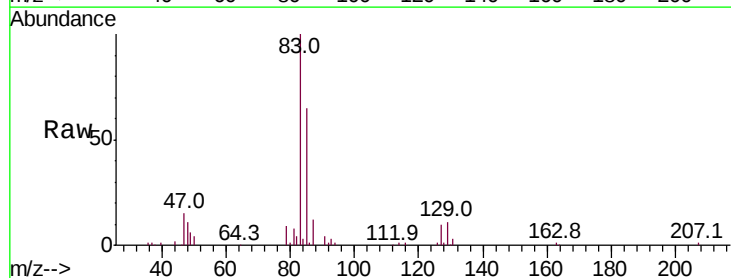
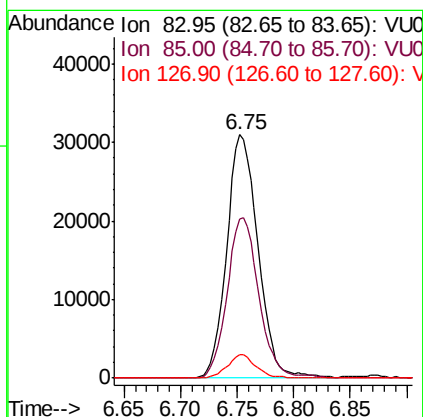
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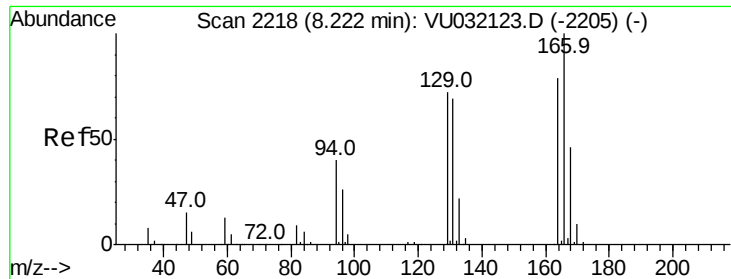
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 5/20/2019 10:12:00 AM



#38
 Bromodichloromethane
 Concen: 3.419 ug/L
 RT: 6.75 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: VU032132.D
 Acq: 18 May 2019 05:01

Tgt Ion:	83	Resp:	59687
Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.5	84.5
127	9.9	6.3	9.5#





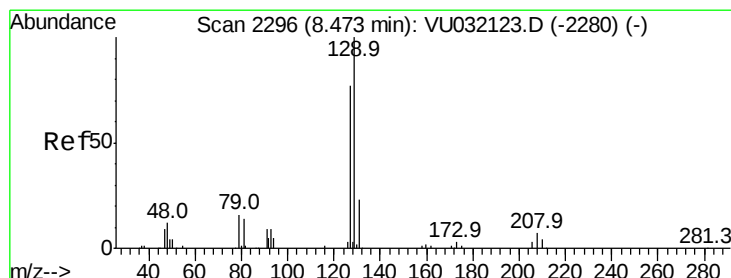
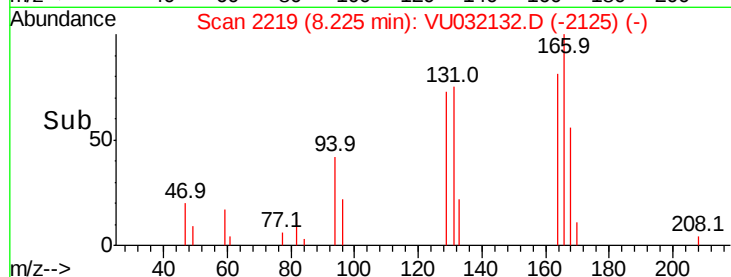
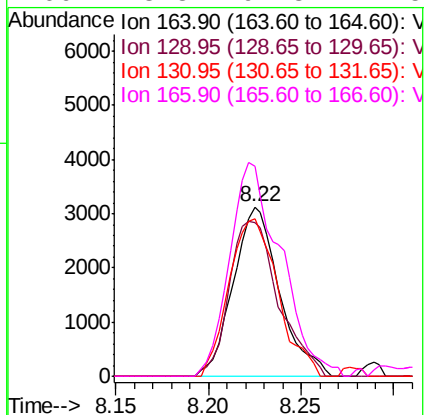
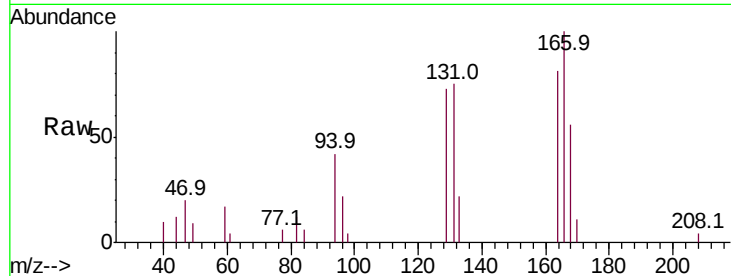
#47
Tetrachloroethene
Concen: 0.479 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032132.D
Acq: 18 May 2019 05:01

Instrument :
MSVOA_U
ClientSampleId :
F9W34

Tot Ion:	164	Resp:	5426
Ion	Ratio	Lower	Upper
164	100		
129	90.9	70.3	130.5
131	93.0	64.5	119.9
166	123.8	92.3	171.5

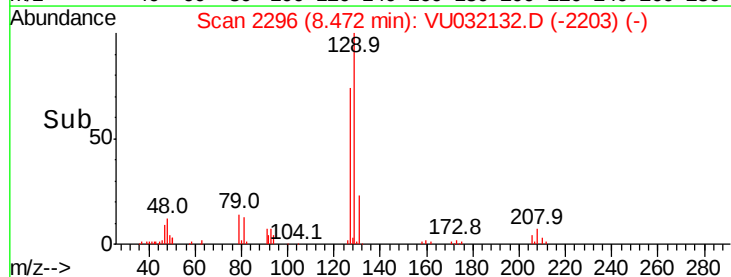
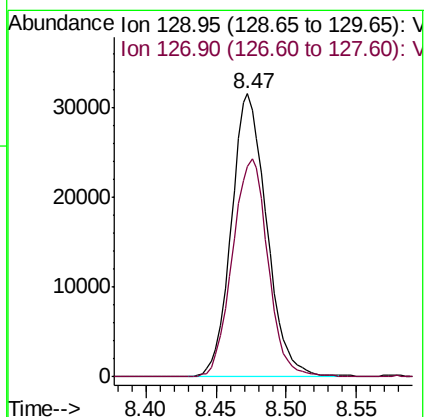
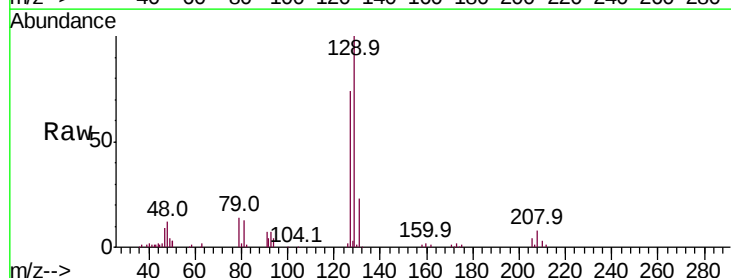
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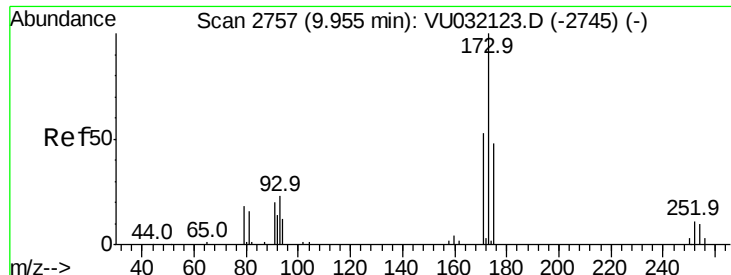
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5/20/2019 10:12:00 AM



#49
Dibromochloromethane
Concen: 4.766 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU032132.D
Acq: 18 May 2019 05:01

Tgt Ion:	129	Resp:	55376
Ion	Ratio	Lower	Upper
129	100		
127	74.3	55.2	102.6





#61
 Bromoform
 Concen: 2.226 ug/L
 RT: 9.96 min Scan# 2758
 Delta R.T. 0.00 min
 Lab File: VU032132.D
 Acq: 18 May 2019 05:01

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W34

Tot Ion	Ratio	Lower	Upper
173	100		
175	44.8	38.0	57.0
254	8.4	7.8	11.6

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 10:12:00 AM

