

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\
 Data File : VU032133.D
 Acq On : 18 May 2019 05:26
 Operator : JC/SP
 Sample : K2860-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W35

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 10:12:06 AM

Quant Time: May 18 06:47:07 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	357602	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	366615	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	142184	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	108478	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.68	69	93529	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.27	63	154948	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.20	46	231531	39.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.30%
24) Chloroform-d	4.64	84	221602	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.31	65	109336	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	5.33	84	439602	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
36) 1,2-Dichloropropane-d6	6.33	67	125627	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.80%
41) Toluene-d8	7.56	98	357518	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	7.85	79	40381	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
46) 2-Hexanone-d5	8.31	63	191806	36.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109933	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	140759	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.34	43	45348	23.358	ug/L	99
16) Methylene chloride	2.69	84	2243	0.131	ug/L	78
18) trans-1,2-Dichloroethene	2.97	96	2952	0.192	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	6064	0.401	ug/L	100
23) Bromochloromethane	4.54	128	1478m	0.228	ug/L	
34) Trichloroethene	6.18	95	18456	1.209	ug/L	86
38) Bromodichloromethane	6.75	83	62886	3.572	ug/L	97
47) Tetrachloroethene	8.22	164	6170	0.541	ug/L	92
49) Dibromochloromethane	8.47	129	53315	4.550	ug/L	98
61) Bromoform	9.95	173	10471	1.919	ug/L #	97

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

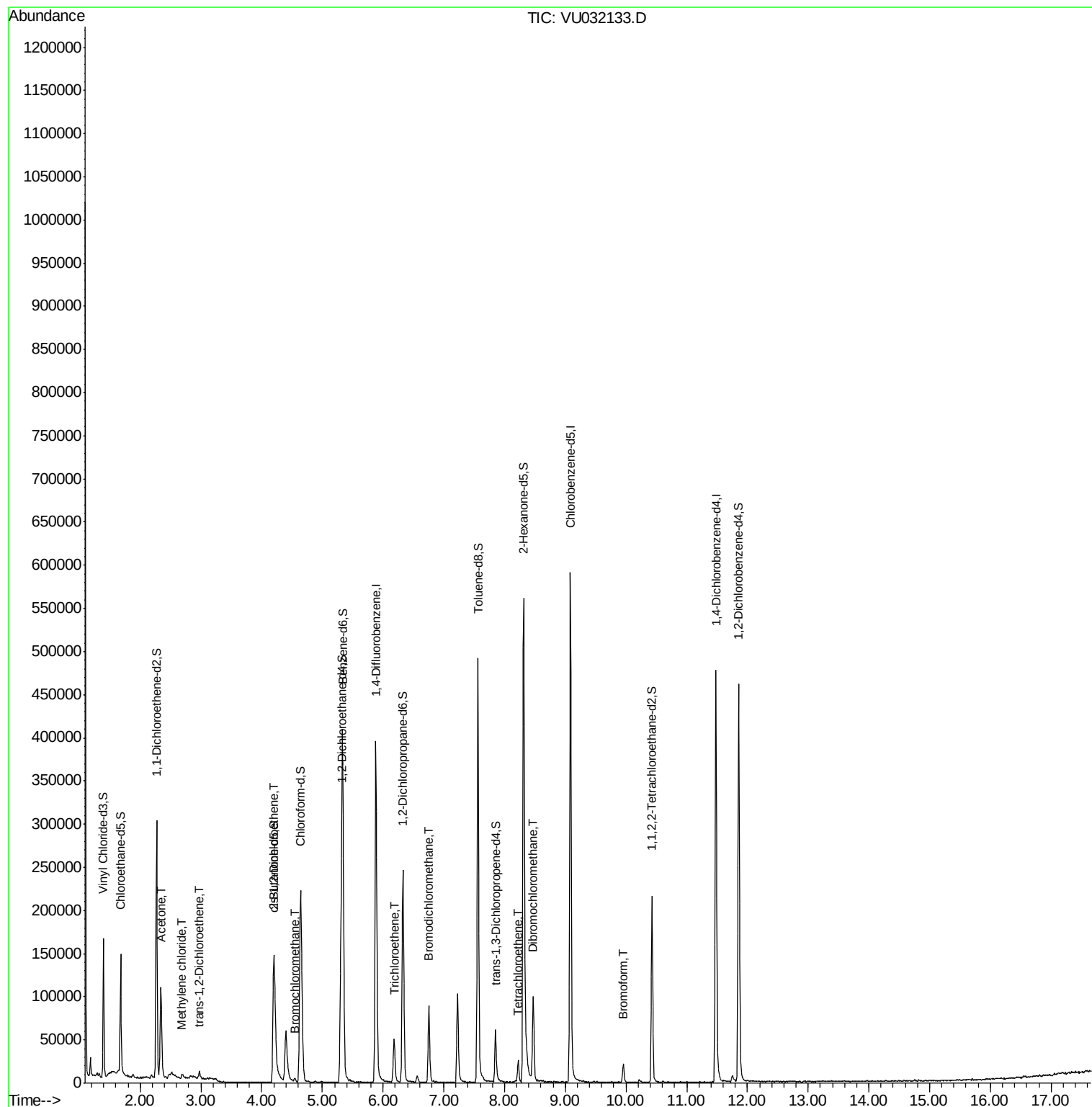
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051719\
Data File : VU032133.D
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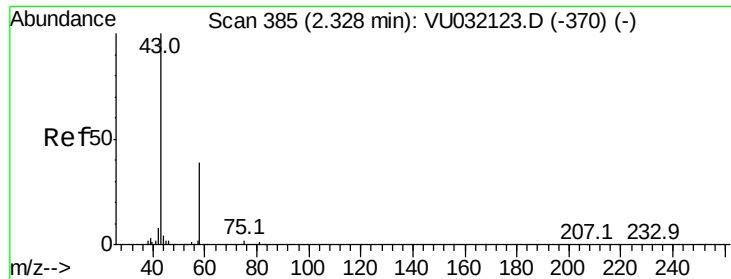
Instrument :
MSVOA_U
ClientSampleId :
F9W35

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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: 23.358 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

Lab File: VU032123.D

Acq: 18 May 2019 05:26

Instrument :

MSVOA_U

ClientSampled :

F9W35

Tot Ion: 43 Resp: 45348

Ion Ratio Lower Upper

43 100

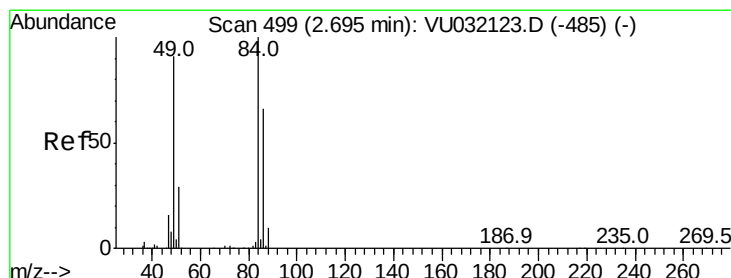
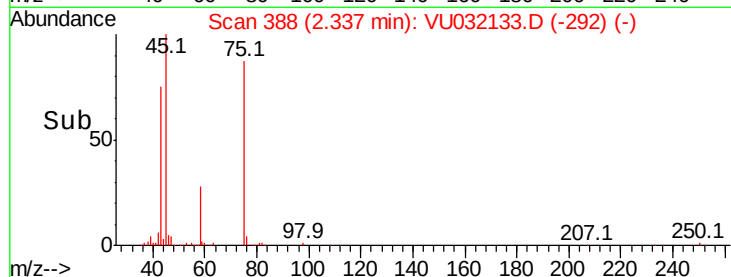
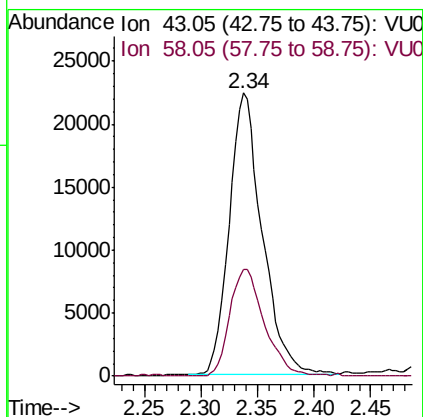
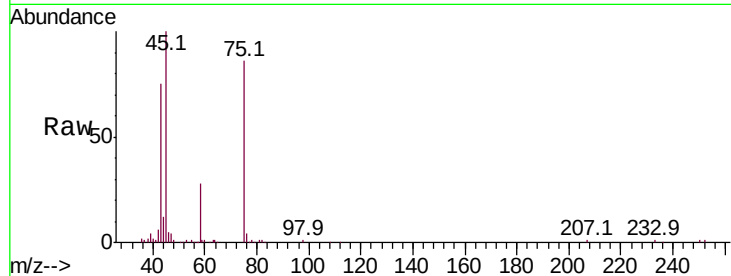
58 39.8 0.0 78.8

Manual Integrations

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#16

Methylene chloride

Concen: 0.131 ug/L

RT: 2.69 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU032123.D

Acq: 18 May 2019 05:26

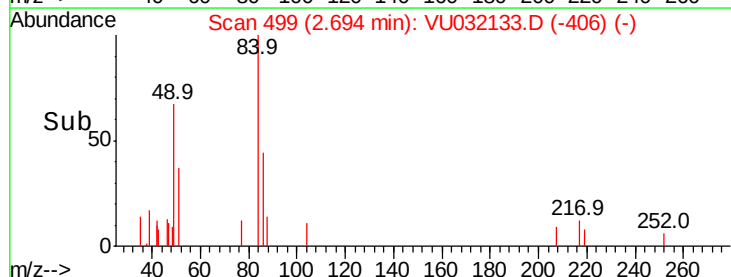
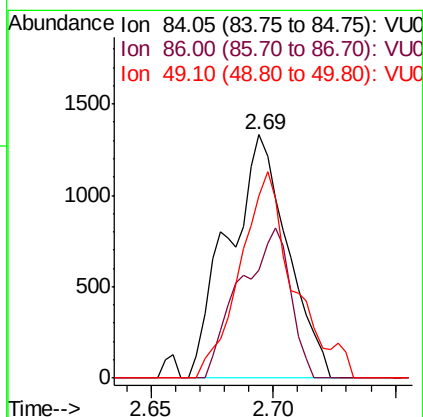
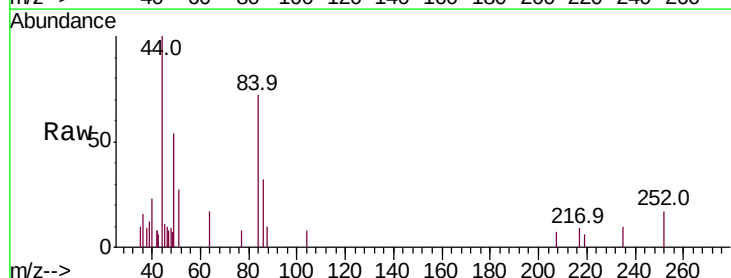
Tgt Ion: 84 Resp: 2243

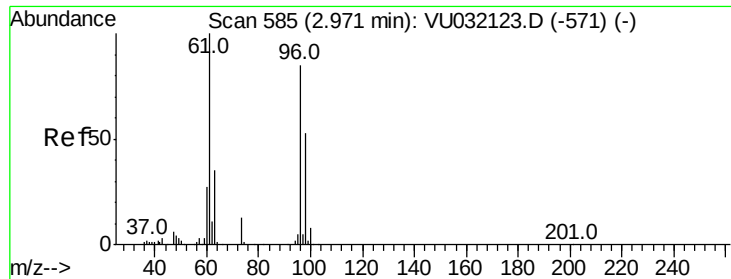
Ion Ratio Lower Upper

84 100

86 44.4 43.1 80.1

49 75.0 67.7 125.7





#18

trans-1,2-Dichloroethene

Concen: 0.192 ug/L

RT: 2.97 min Scan# 586

Delta R.T. 0.00 min

Lab File: VU032133.D

Acq: 18 May 2019 05:26

Instrument :

MSVOA_U

ClientSampled :

F9W35

Tot Ion: 96 Resp: 2952

Ion Ratio Lower Upper

96 100

61 124.8 86.5 160.7

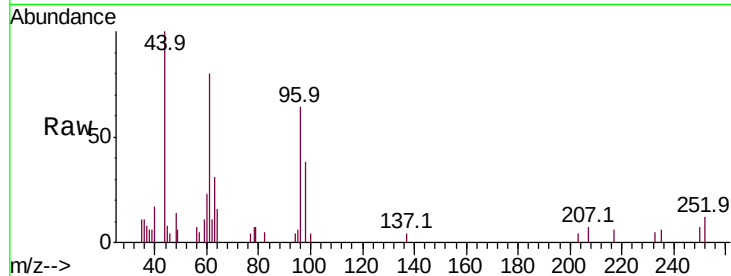
98 59.7 43.5 80.9

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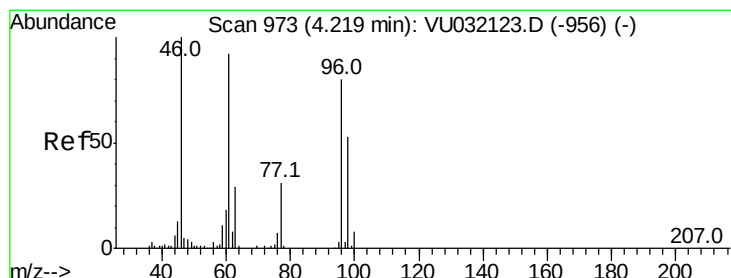
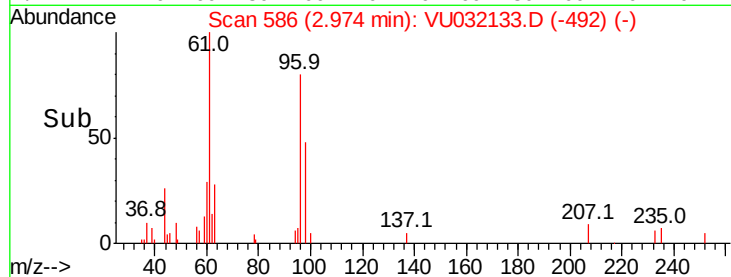
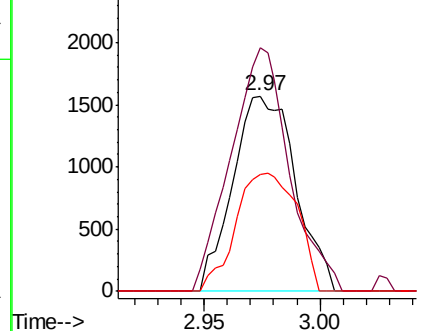
5/20/2019 10:12:06 AM



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.401 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU032133.D

Acq: 18 May 2019 05:26

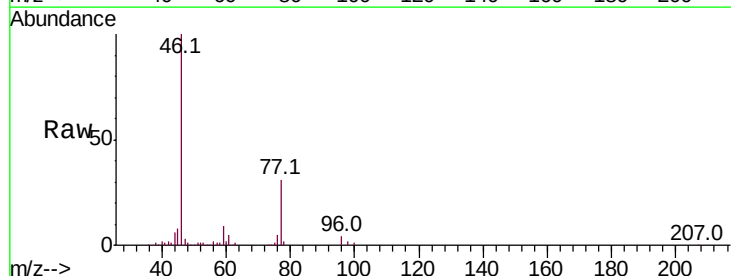
Tgt Ion: 96 Resp: 6064

Ion Ratio Lower Upper

96 100

61 122.7 85.8 159.4

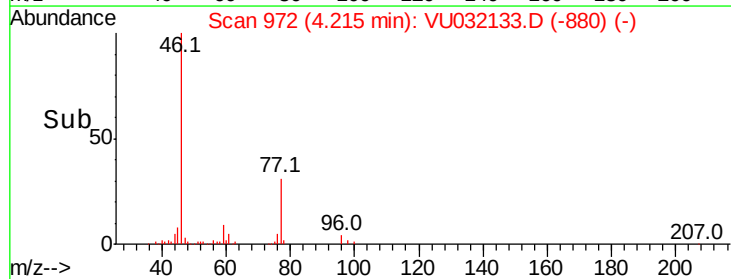
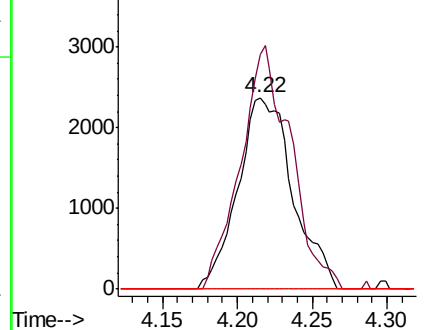
68 0.0 0.0 0.0

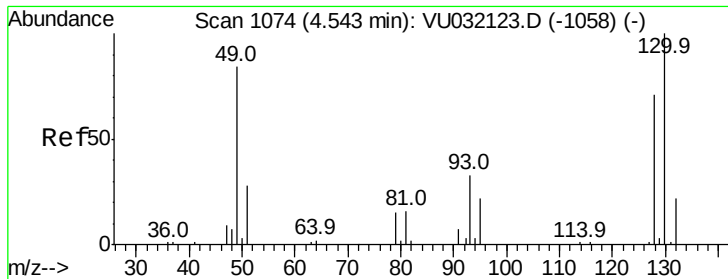


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#23

Bromochloromethane

Concen: 0.228 ug/L m

RT: 4.54 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VU032133.D

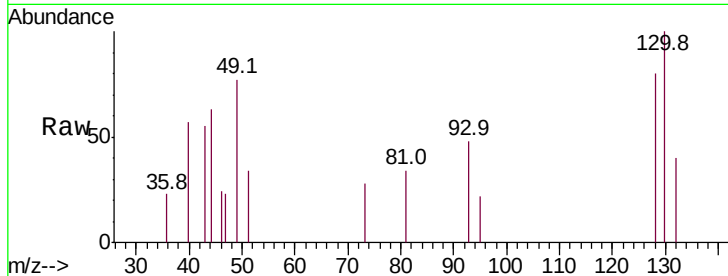
Acq: 18 May 2019 05:26

Instrument :

MSVOA_U

ClientSampleId :

F9W35



Tot Ion:128 Resp: 1478

Ion Ratio Lower Upper

128 100

49 96.2 92.2 171.2

130 124.4 90.3 167.7

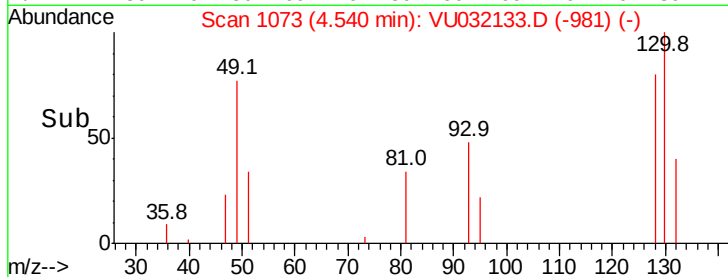
51 41.8 35.3 52.9

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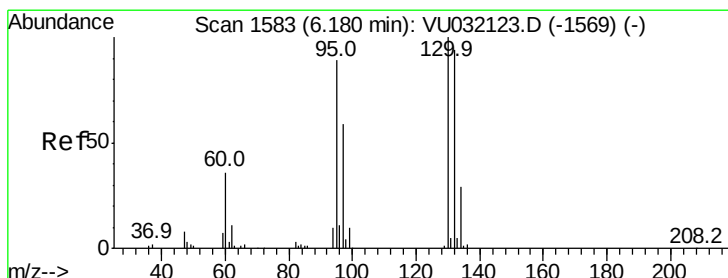
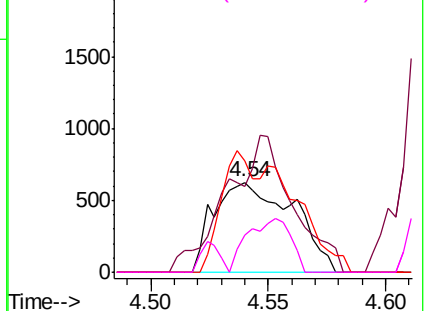


Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VU0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VU0



#34

Trichloroethene

Concen: 1.209 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032133.D

Acq: 18 May 2019 05:26

Tgt Ion: 95 Resp: 18456

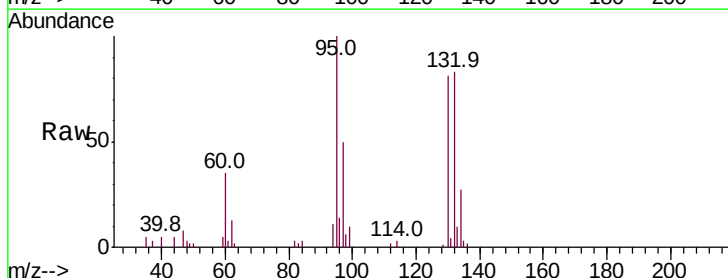
Ion Ratio Lower Upper

95 100

97 49.7 45.2 84.0

132 83.5 66.1 122.7

130 81.4 66.7 123.9

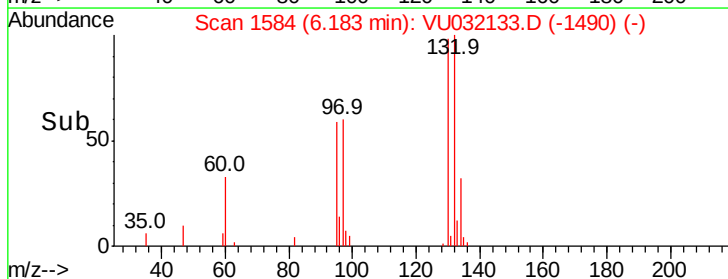
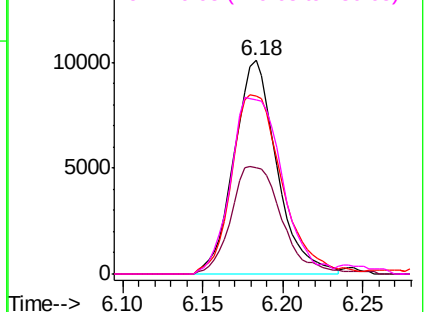


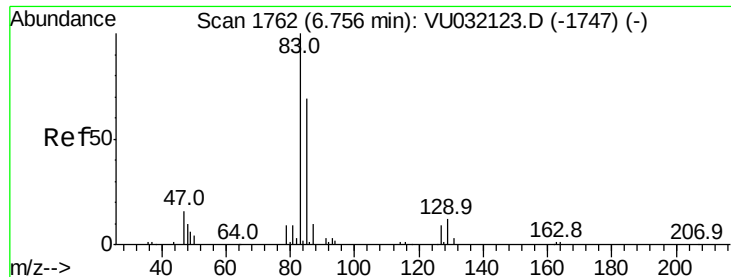
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#38

Bromodichloromethane

Concen: 3.572 ug/L

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU032123.D

Acq: 18 May 2019 05:26

Instrument :

MSVOA_U

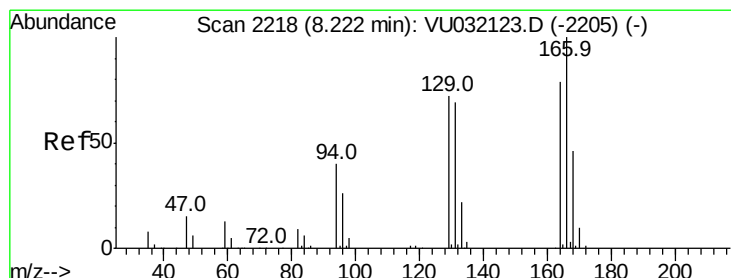
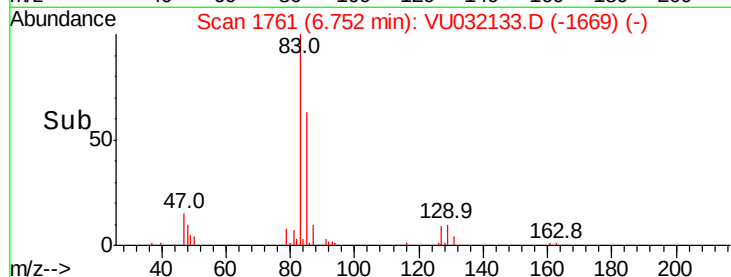
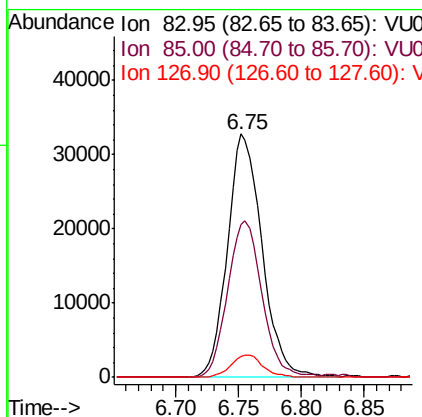
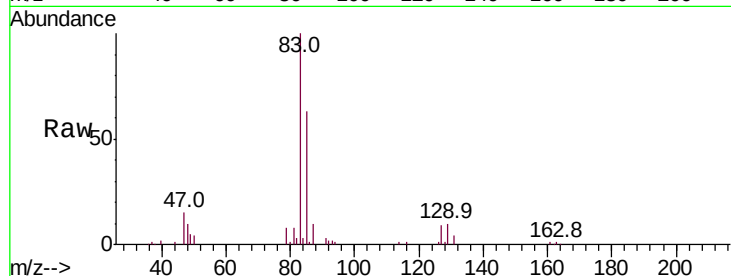
ClientSampleId :

F9W35

Tot Ion:	83	Resp:	62886
Ion Ratio	Lower	Upper	
83	100		
85	62.6	45.5	84.5
127	8.6	6.3	9.5

Manual Integrations
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#47

Tetrachloroethene

Concen: 0.541 ug/L

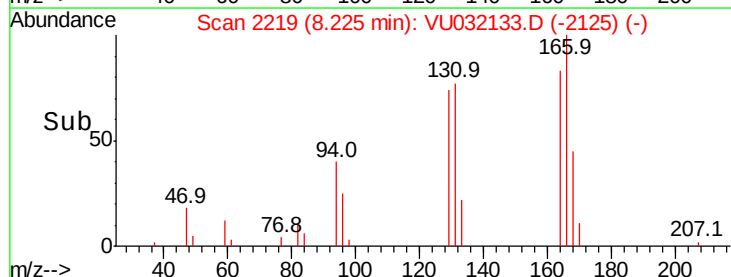
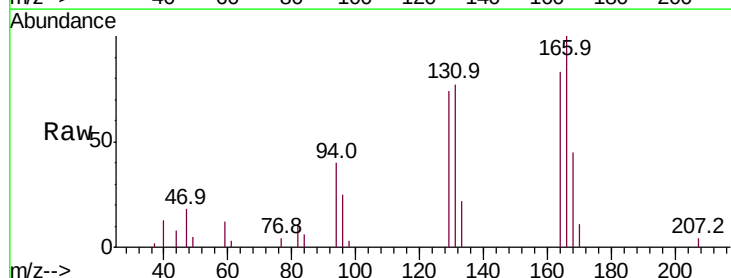
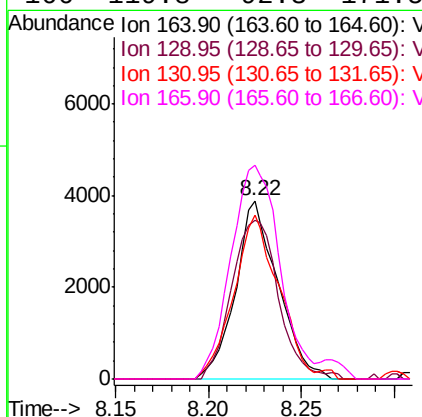
RT: 8.22 min Scan# 2219

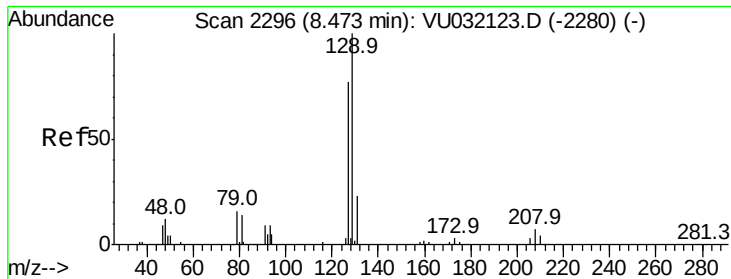
Delta R.T. 0.00 min

Lab File: VU032123.D

Acq: 18 May 2019 05:26

Tgt Ion:	164	Resp:	6170
Ion Ratio	Lower	Upper	
164	100		
129	89.2	70.3	130.5
131	91.9	64.5	119.9
166	119.8	92.3	171.5





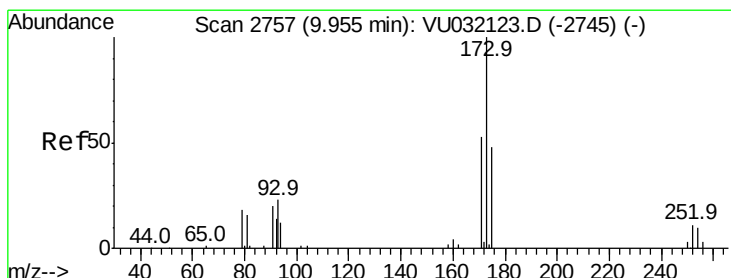
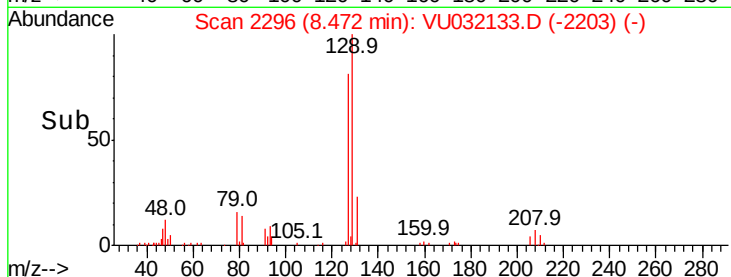
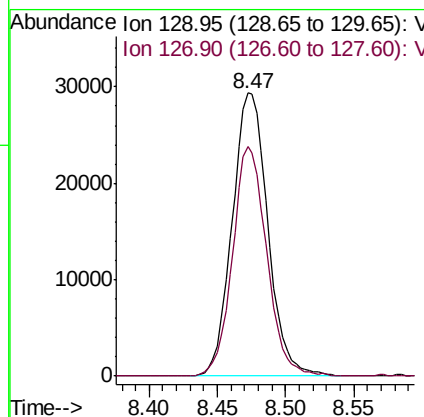
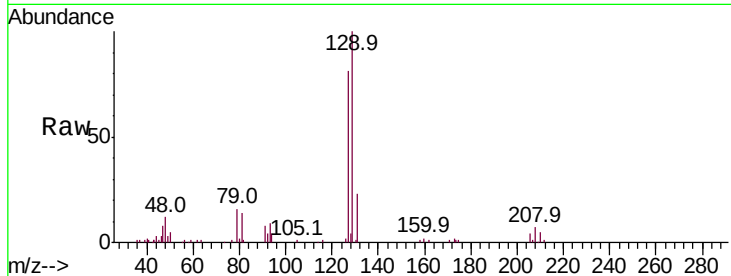
#49
Dibromochloromethane
Concen: 4.550 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU032123.D
Acq: 18 May 2019 05:26

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
129	100		
127	81.0	55.2	102.6

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#61
Bromoform
Concen: 1.919 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU032123.D
Acq: 18 May 2019 05:26

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.3	38.0	57.0
254	7.3	7.8	11.6#

