

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030775.D
 Acq On : 06 Apr 2019 04:52
 Operator : JC/SP
 Sample : K2249-10DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE4DL

Manual Integrations
 APPROVED

MMDadoda
 4/6/2019 10:33:07 AM

Quant Time: Apr 06 05:48:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:25:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	464823	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	455377	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	188292	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	214616	51.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.44%
7) Chloroethane-d5	1.68	69	162168	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.98%
11) 1,1-Dichloroethene-d2	2.27	63	327498	43.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.28%
21) 2-Butanone-d5	4.17	46	348643	106.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.02%
24) Chloroform-d	4.64	84	291612	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
26) 1,2-Dichloroethane-d4	5.31	65	223331	51.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.28%
32) Benzene-d6	5.34	84	648051	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
36) 1,2-Dichloropropane-d6	6.32	67	225926	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.18%
41) Toluene-d8	7.56	98	563204	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.85	79	95347	45.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.80%
47) 2-Hexanone-d5	8.31	63	208935	100.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294920	47.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.98%
64) 1,2-Dichlorobenzene-d4	11.85	152	182983	49.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.82%

Target Compounds

					Ovalue	
12) 1,1-Dichloroethene	2.28	96	74244m	23.107	ug/L	
17) trans-1,2-Dichloroethene	2.98	96	2209	0.647	ug/L	96
19) 1,1-Dichloroethane	3.44	63	144777	20.563	ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	176892	46.959	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	398132	71.740	ug/L	99
34) Trichloroethene	6.18	95	93212	25.503	ug/L	100
46) Tetrachloroethene	8.22	164	35755	13.456	ug/L	96

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

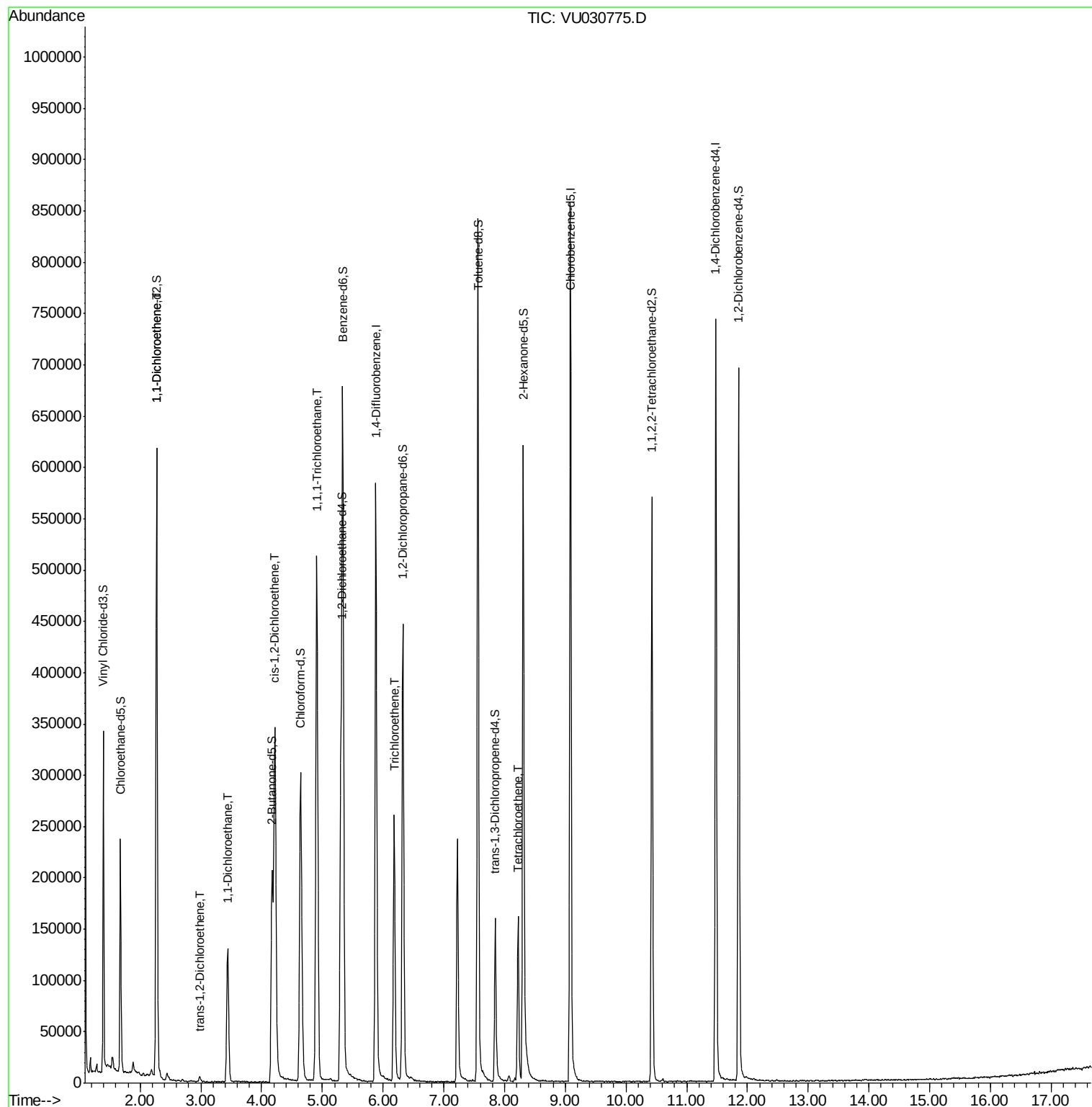
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030775.D
Acq On : 06 Apr 2019 04:52
Operator : JC/SP
Sample : K2249-10DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

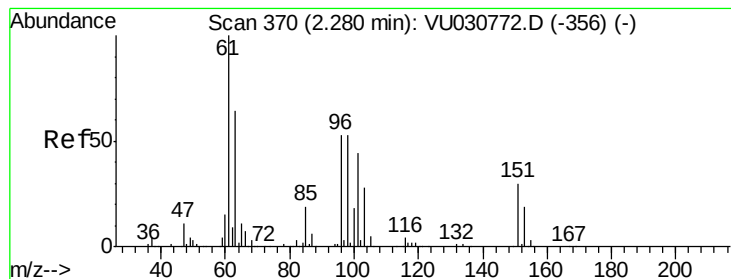
Instrument :
MSVOA_U
ClientSampleId :
E3YE4DL

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Quant Time: Apr 06 05:48:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:25:32 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 23.107 ug/L m

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU030775.D

Acq: 06 Apr 2019 04:52

Instrument :

MSVOA_U

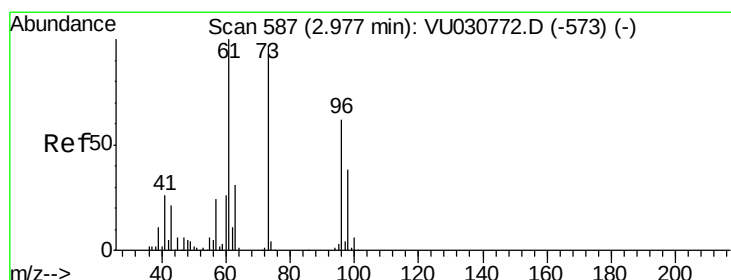
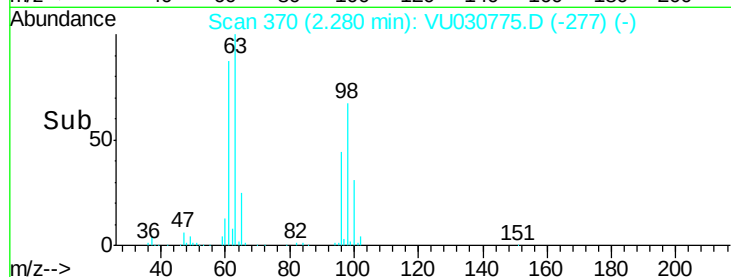
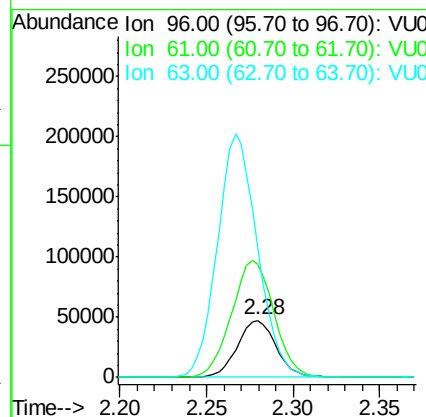
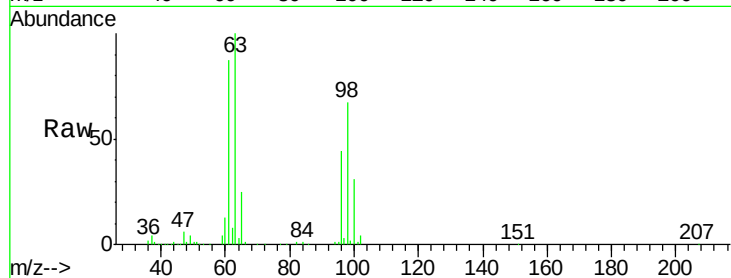
ClientSampled :

E3YE4DL

Tot Ion:	96	Resp:	74244
Ion	Ratio	Lower	Upper
96	100		
61	198.4	132.0	245.2
63	228.1	90.9	168.9#

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#17

trans-1,2-Dichloroethene

Concen: 0.647 ug/L

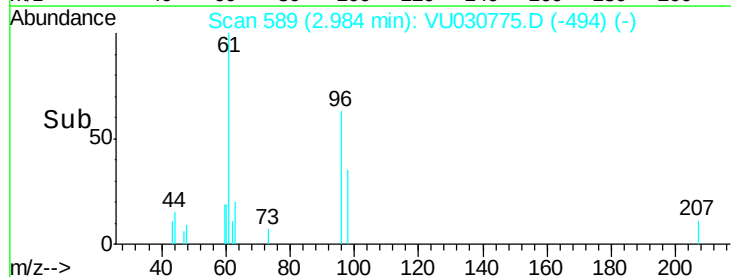
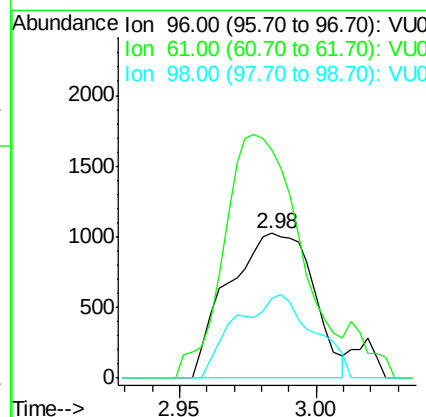
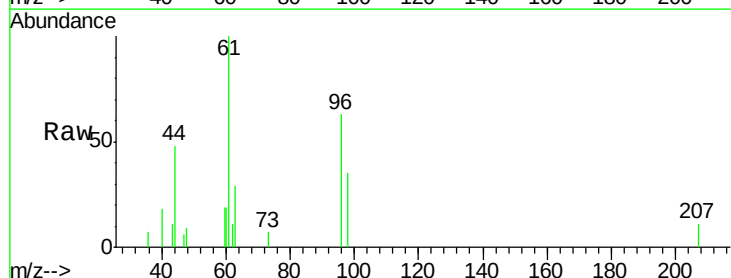
RT: 2.98 min Scan# 589

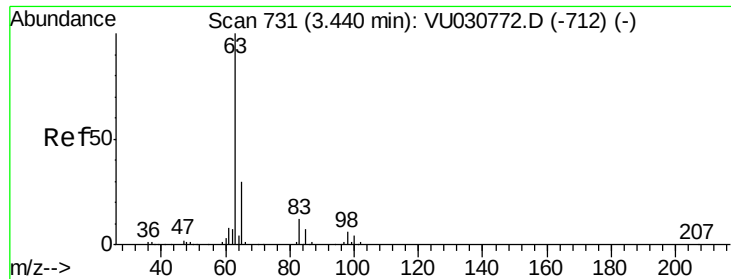
Delta R.T. 0.01 min

Lab File: VU030775.D

Acq: 06 Apr 2019 04:52

Tgt Ion:	96	Resp:	2209
Ion	Ratio	Lower	Upper
96	100		
61	158.0	109.5	203.3
98	54.8	44.0	81.6





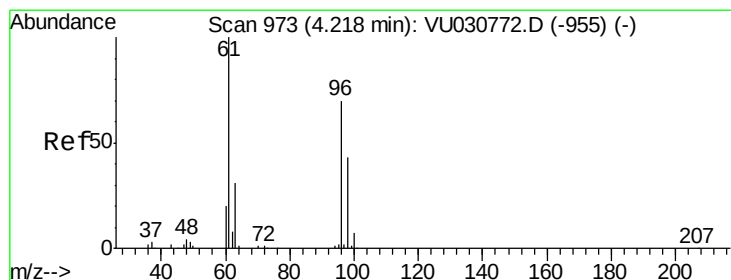
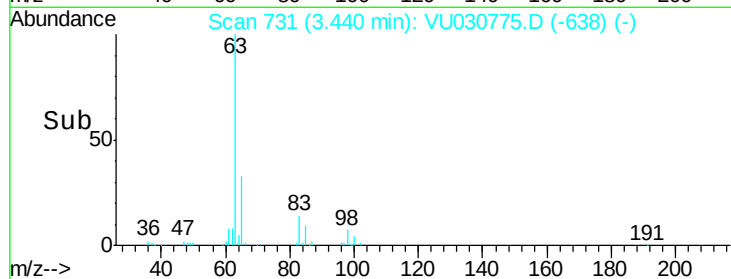
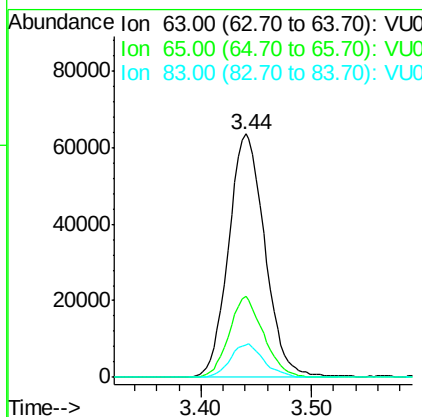
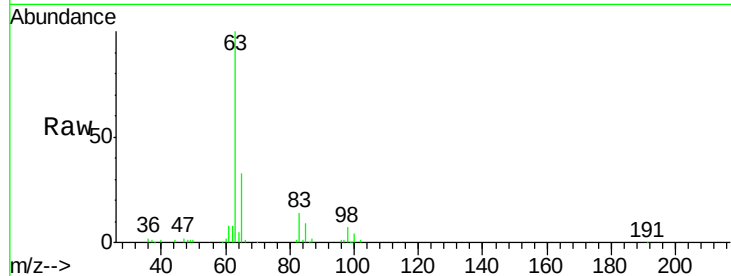
#19
 1,1-Dichloroethane
 Concen: 20.563 ug/L
 RT: 3.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VU030775.D
 Acq: 06 Apr 2019 04:52

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE4DL

Tot Ion	Ratio	Resp	Lower	Upper
63	100	144777		
65	33.4		21.4	39.8
83	13.6		8.5	15.7

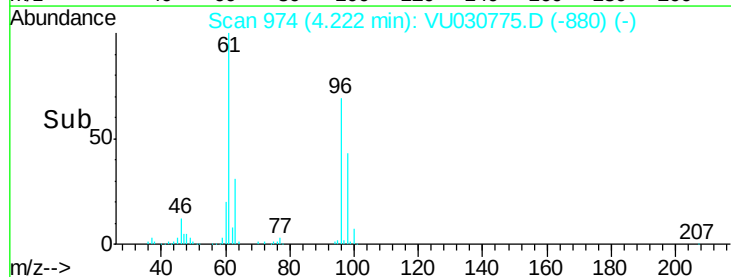
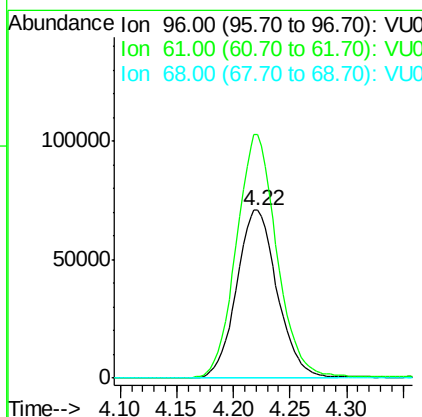
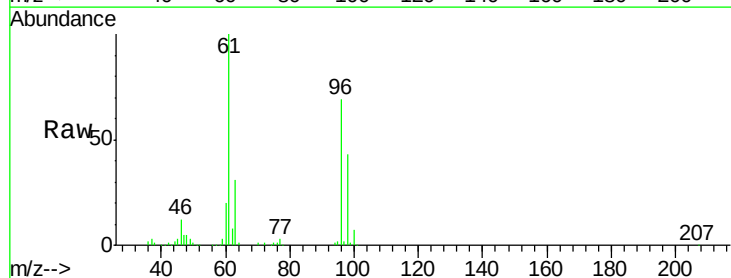
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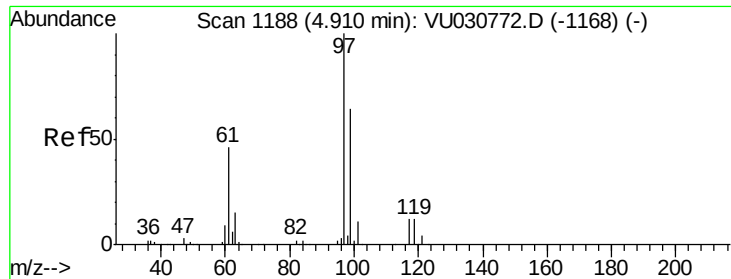
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#20
 cis-1,2-Dichloroethene
 Concen: 46.959 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU030775.D
 Acq: 06 Apr 2019 04:52

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	176892		
61	144.9		102.9	191.1
68	0.0		0.0	0.0





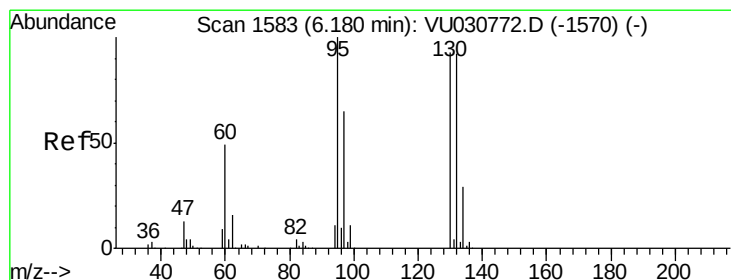
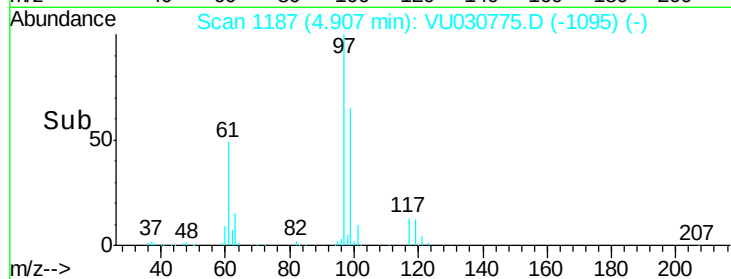
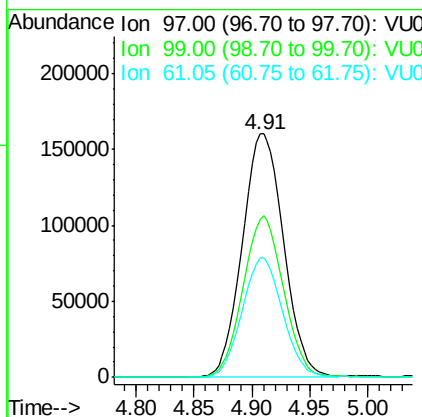
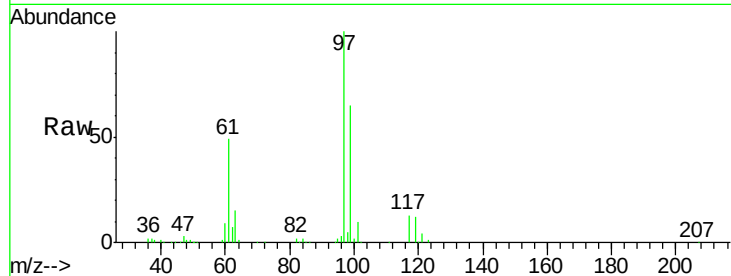
#30
 1,1,1-Trichloroethane
 Concen: 71.740 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: VU030775.D
 Acq: 06 Apr 2019 04:52

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE4DL

Tot Ion	Ratio	Resp	Lower	Upper
97	100	398132		
99	64.8		51.4	77.2
61	48.0		37.1	55.7

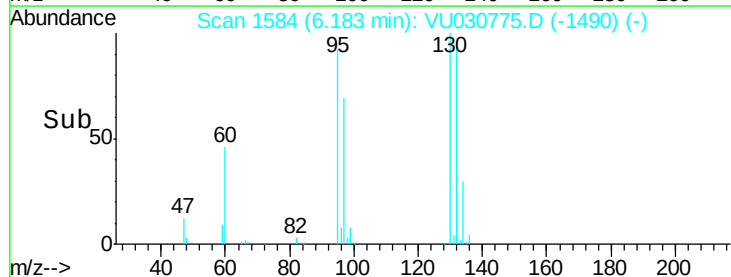
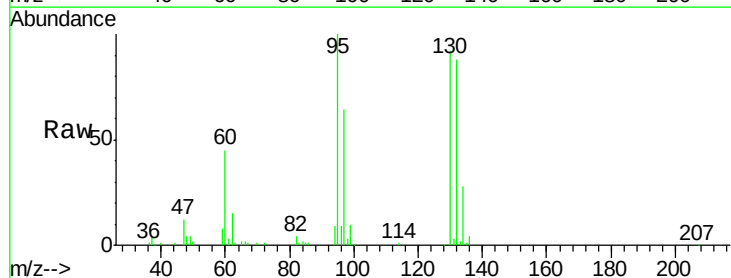
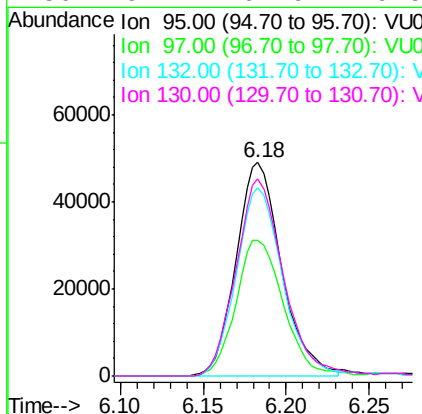
Manual Integrations
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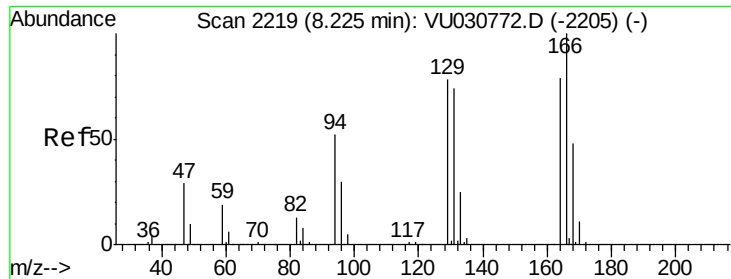
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 4/6/2019 10:33:07 AM



#34
 Trichloroethene
 Concen: 25.503 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU030775.D
 Acq: 06 Apr 2019 04:52

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	93212		
97	63.8		44.5	82.7
132	88.3		61.5	114.1
130	92.4		64.9	120.5





#46

Tetrachloroethene

Concen: 13.456 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030775.D

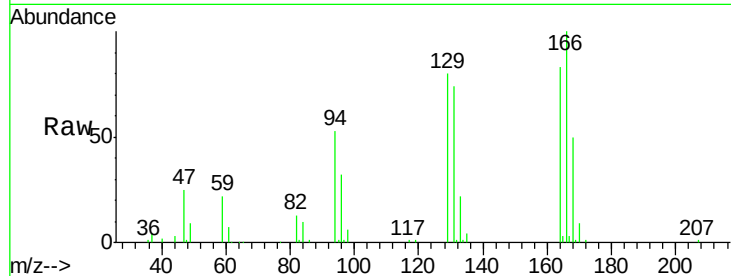
Acq: 06 Apr 2019 04:52

Instrument :

MSVOA_U

ClientSampleId :

E3YE4DL



Tot Ion:164 Resp: 35755

Ion Ratio Lower Upper

164 100

129 97.5 67.4 125.2

131 89.1 65.9 122.5

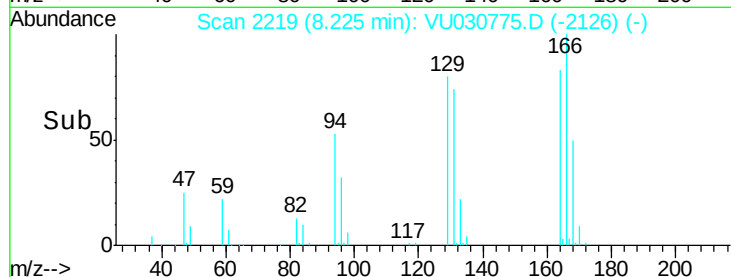
166 121.1 88.6 164.6

Manual Integrations

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Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

