

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030776.D
 Acq On : 06 Apr 2019 05:15
 Operator : JC/SP
 Sample : K2249-11DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE5DL

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 2:49:23 PM

Quant Time: Apr 08 01:32:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 01:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	463869	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	439539	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	179426	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	207132	50.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.04%
7) Chloroethane-d5	1.68	69	161827	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.98%
11) 1,1-Dichloroethene-d2	2.27	63	331167	44.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.44%
21) 2-Butanone-d5	4.17	46	342559	104.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.38%
24) Chloroform-d	4.64	84	298637	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
26) 1,2-Dichloroethane-d4	5.31	65	216300	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
32) Benzene-d6	5.34	84	636537	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
36) 1,2-Dichloropropane-d6	6.32	67	222243	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.08%
41) Toluene-d8	7.56	98	539774	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%
43) trans-1,3-Dichloropropene-	7.85	79	91677	45.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.44%
47) 2-Hexanone-d5	8.31	63	198275	98.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	291208	49.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	179424	50.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.70%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.28	96	75161m	23.440	ug/L
17) trans-1,2-Dichloroethene	2.98	96	2849	0.837	ug/L
19) 1,1-Dichloroethane	3.44	63	238141	33.894	ug/L
20) cis-1,2-Dichloroethene	4.22	96	90805	24.155	ug/L
30) 1,1,1-Trichloroethane	4.91	97	514032	95.962	ug/L
34) Trichloroethene	6.18	95	50492	14.312	ug/L
45) 1,1,2-Trichloroethane	8.07	97	1650	0.478	ug/L
46) Tetrachloroethene	8.22	164	37091	14.461	ug/L

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

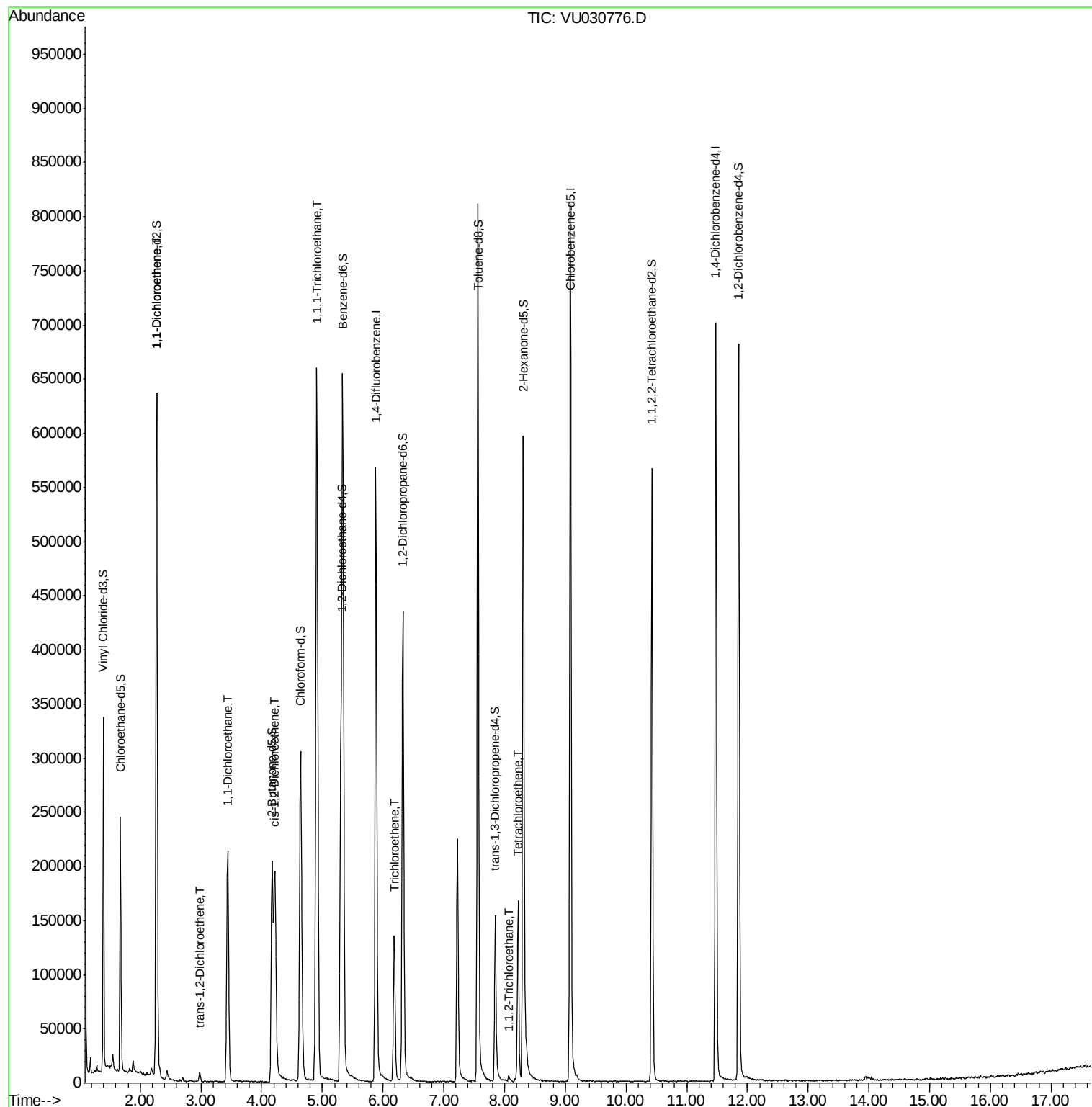
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030776.D
Acq On : 06 Apr 2019 05:15
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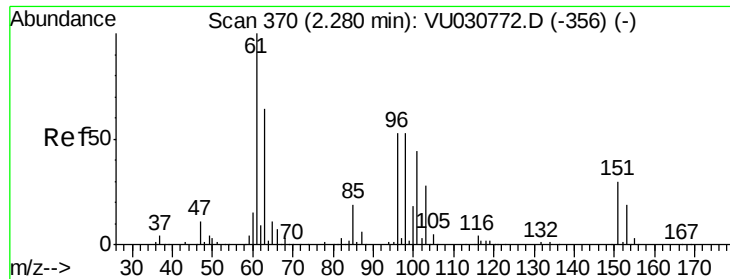
Instrument :
MSVOA_U
ClientSampleId :
E3YE5DL

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Quant Time: Apr 08 01:32:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 23.440 ug/L m

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU030776.D

Acq: 06 Apr 2019 05:15

Instrument :

MSVOA_U

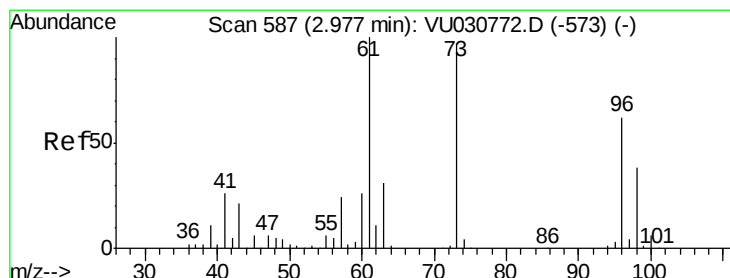
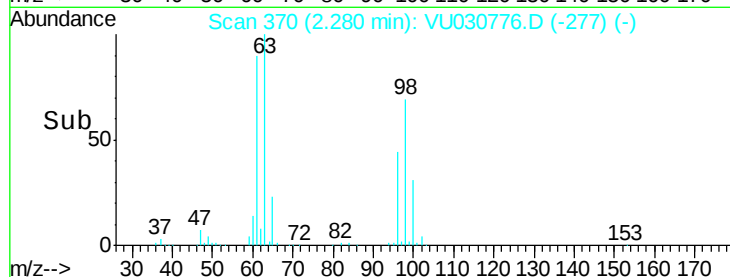
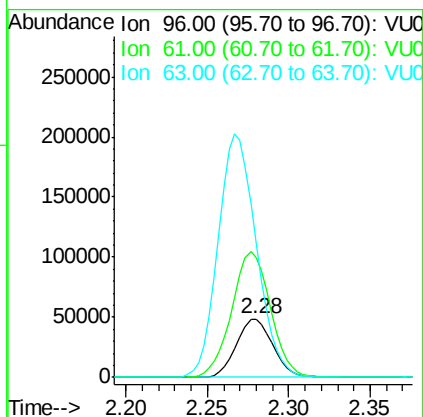
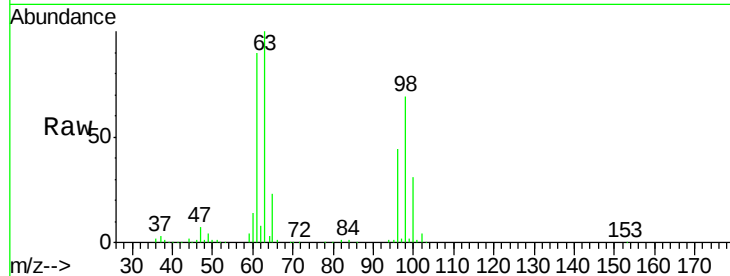
ClientSampled :

E3YE5DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	205.4	132.0	245.2
63	229.2	90.9	168.9#

Manual Integrations
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#17

trans-1,2-Dichloroethene

Concen: 0.837 ug/L

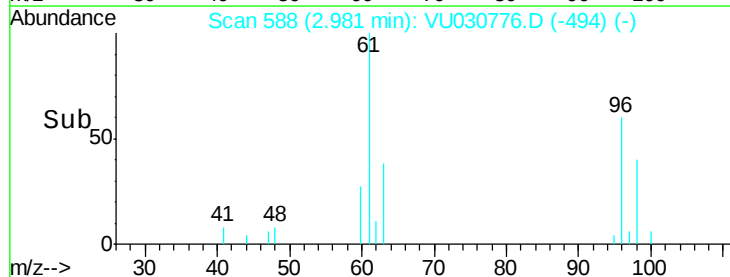
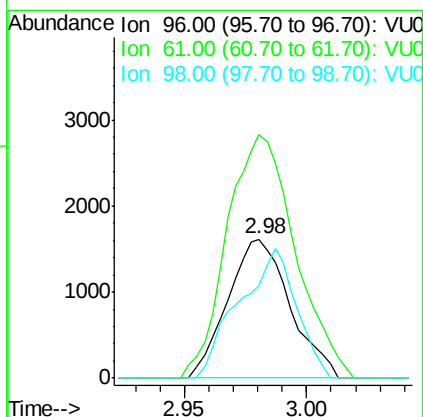
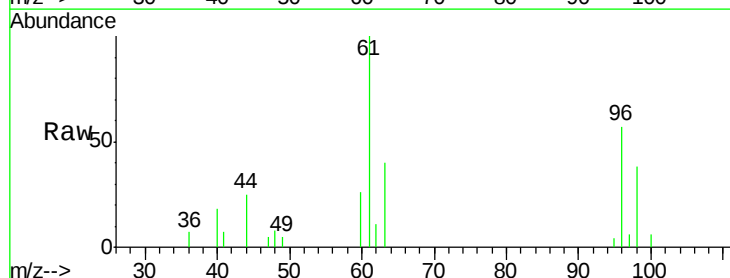
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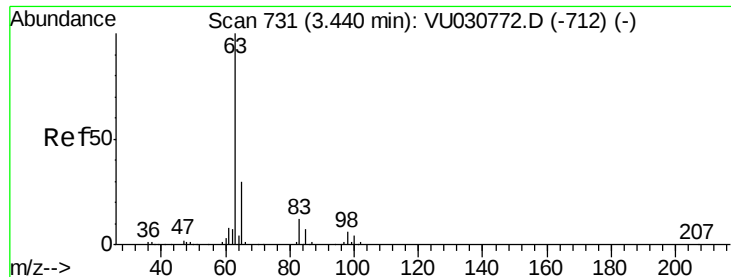
Delta R.T. 0.00 min

Lab File: VU030776.D

Acq: 06 Apr 2019 05:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.1	109.5	203.3
98	66.6	44.0	81.6





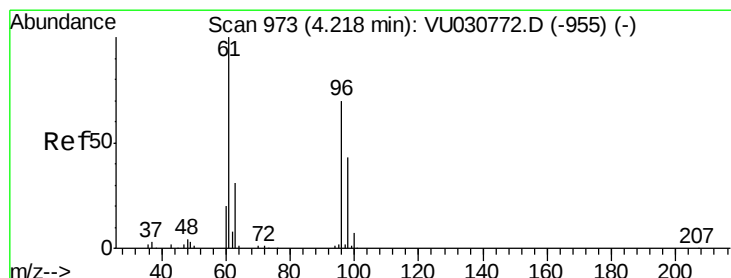
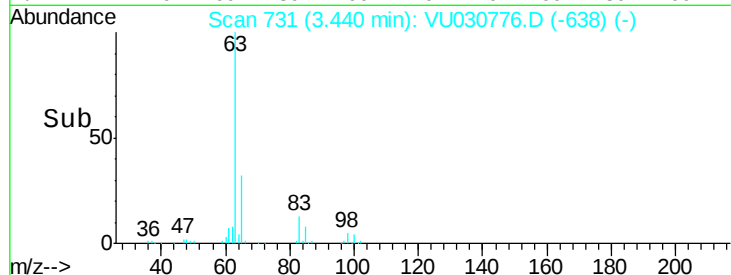
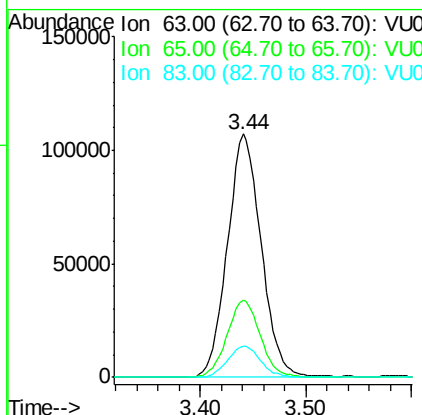
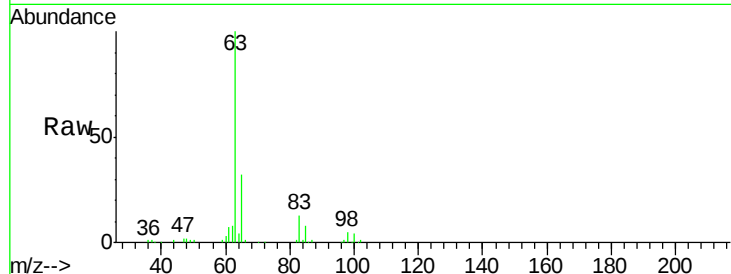
#19
 1,1-Dichloroethane
 Concen: 33.894 ug/L
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU030776.D
 Acq: 06 Apr 2019 05:15

Instrument :
 MSVOA_U
 ClientSampled :
 E3YE5DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100		238141		
65	31.6	21.4	39.8		
83	12.8	8.5	15.7		

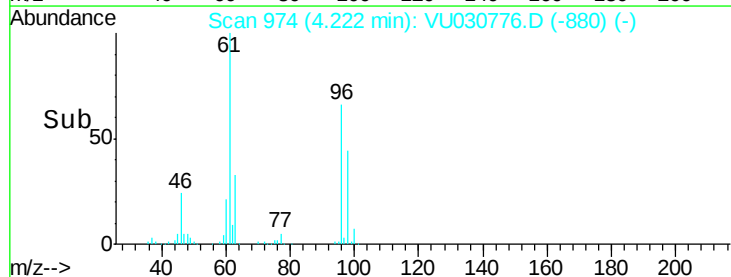
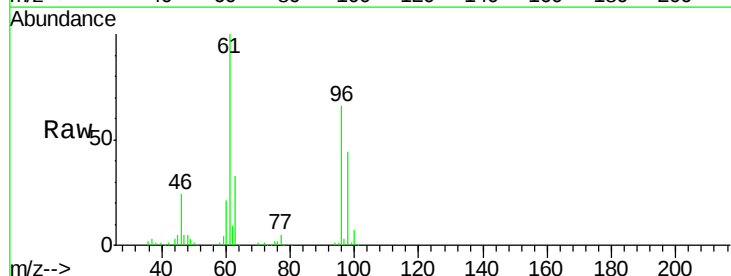
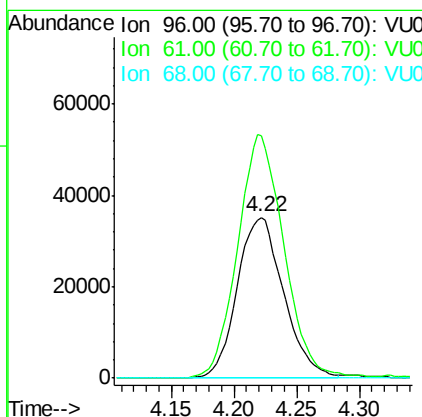
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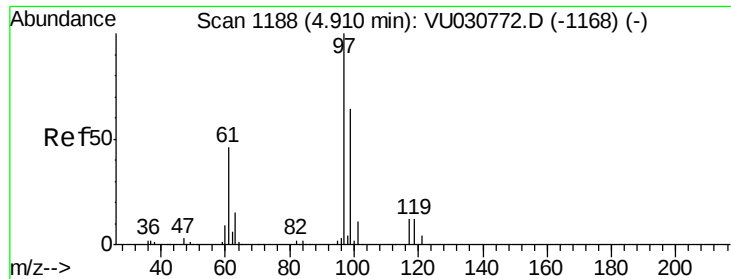
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#20
 cis-1,2-Dichloroethene
 Concen: 24.155 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU030776.D
 Acq: 06 Apr 2019 05:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		90805		
61	150.6	102.9	191.1		
68	0.0	0.0	0.0		





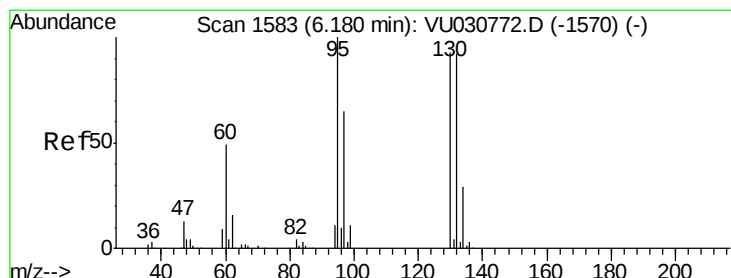
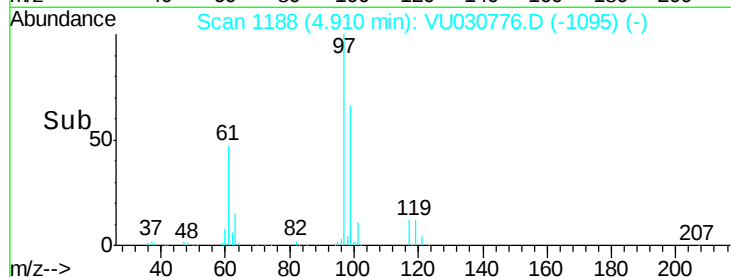
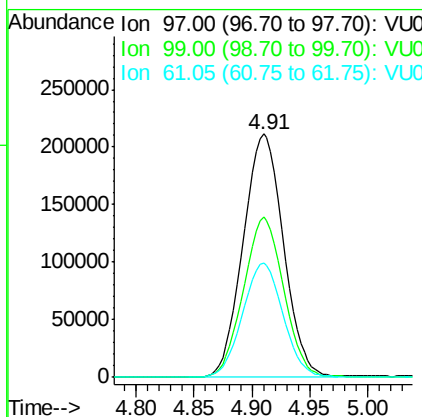
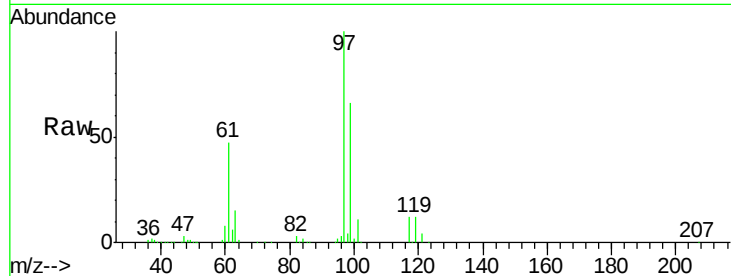
#30
1,1,1-Trichloroethane
Concen: 95.962 ug/L
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU030776.D
Acq: 06 Apr 2019 05:15

Instrument :
MSVOA_U
ClientSampleId :
E3YE5DL

Tot Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.4	77.2
61	47.2	37.1	55.7

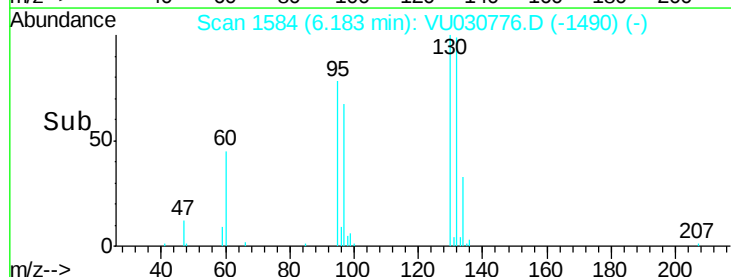
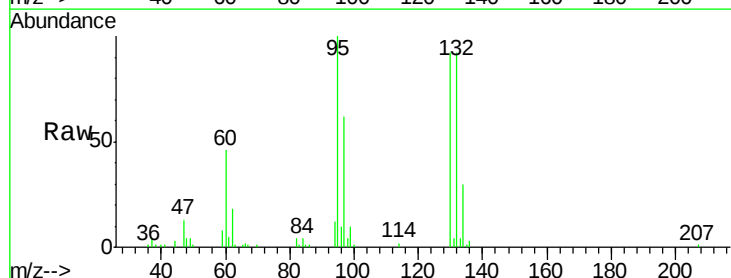
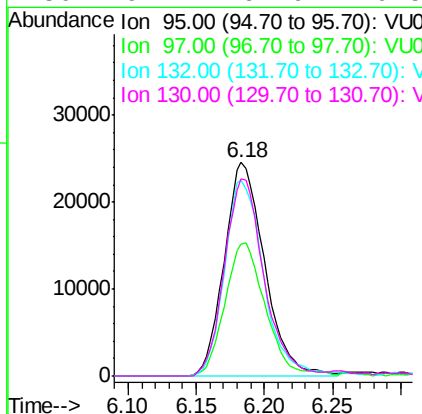
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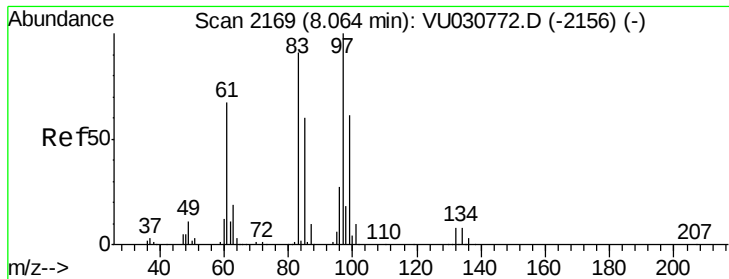
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#34
Trichloroethene
Concen: 14.312 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030776.D
Acq: 06 Apr 2019 05:15

Tgt Ion	Ratio	Lower	Upper
95	100		
97	61.9	44.5	82.7
132	91.5	61.5	114.1
130	92.1	64.9	120.5





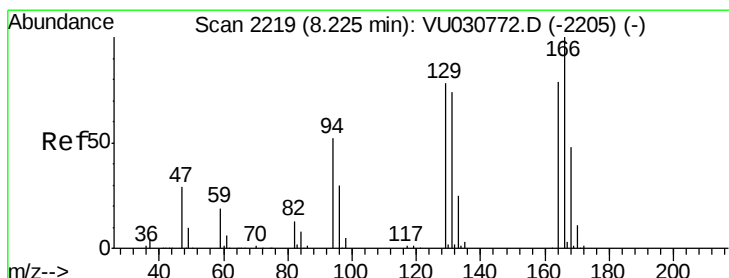
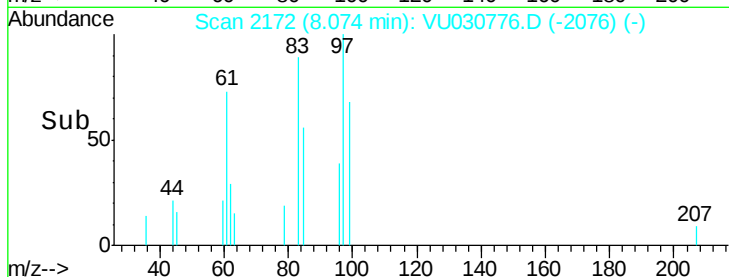
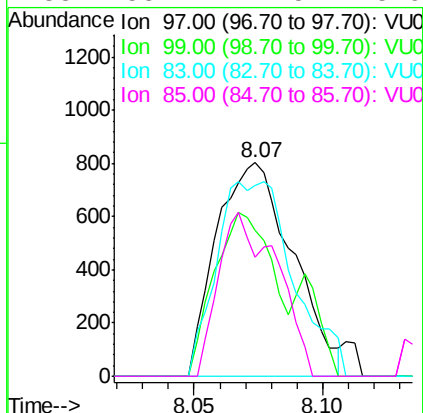
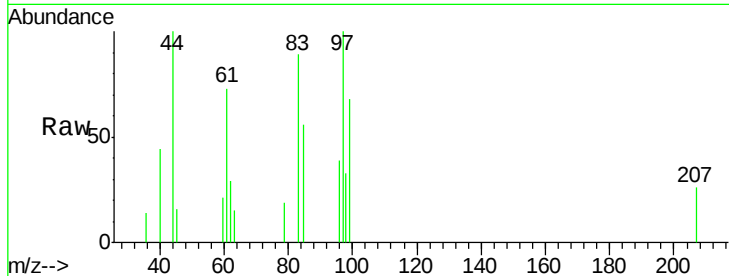
#45
1,1,2-Trichloroethane
Concen: 0.478 ug/L
RT: 8.07 min Scan# 2172
Delta R.T. 0.01 min
Lab File: VU030776.D
Acq: 06 Apr 2019 05:15

Instrument :
MSVOA_U
ClientSampleId :
E3YE5DL

Tot Ion:	97	Resp:	1650
Ion	Ratio	Lower	Upper
97	100		
99	68.5	44.0	81.8
83	89.4	65.3	121.3
85	55.7	42.5	78.9

Manual Integrations
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#46
Tetrachloroethene
Concen: 14.461 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030776.D
Acq: 06 Apr 2019 05:15

Tgt Ion:	164	Resp:	37091
Ion	Ratio	Lower	Upper
164	100		
129	101.3	67.4	125.2
131	96.1	65.9	122.5
166	123.9	88.6	164.6

