

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120419\
 Data File : VU035972.D
 Acq On : 04 Dec 2019 15:19
 Operator : JC/SP
 Sample : K6105-07DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE27DL

Quant Time: Dec 05 06:24:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 05 03:54:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	296077	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	322741	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	104277	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	144037	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.93	69	125250	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.59	63	171496	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.70	46	309706	51.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.64%
24) Chloroform-d	5.11	84	216691	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.75	65	123568	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.77	84	420275	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.73	67	140065	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.93	98	336486	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	8.22	79	50709	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.68	63	235644	47.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.86%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	122671	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	108633	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

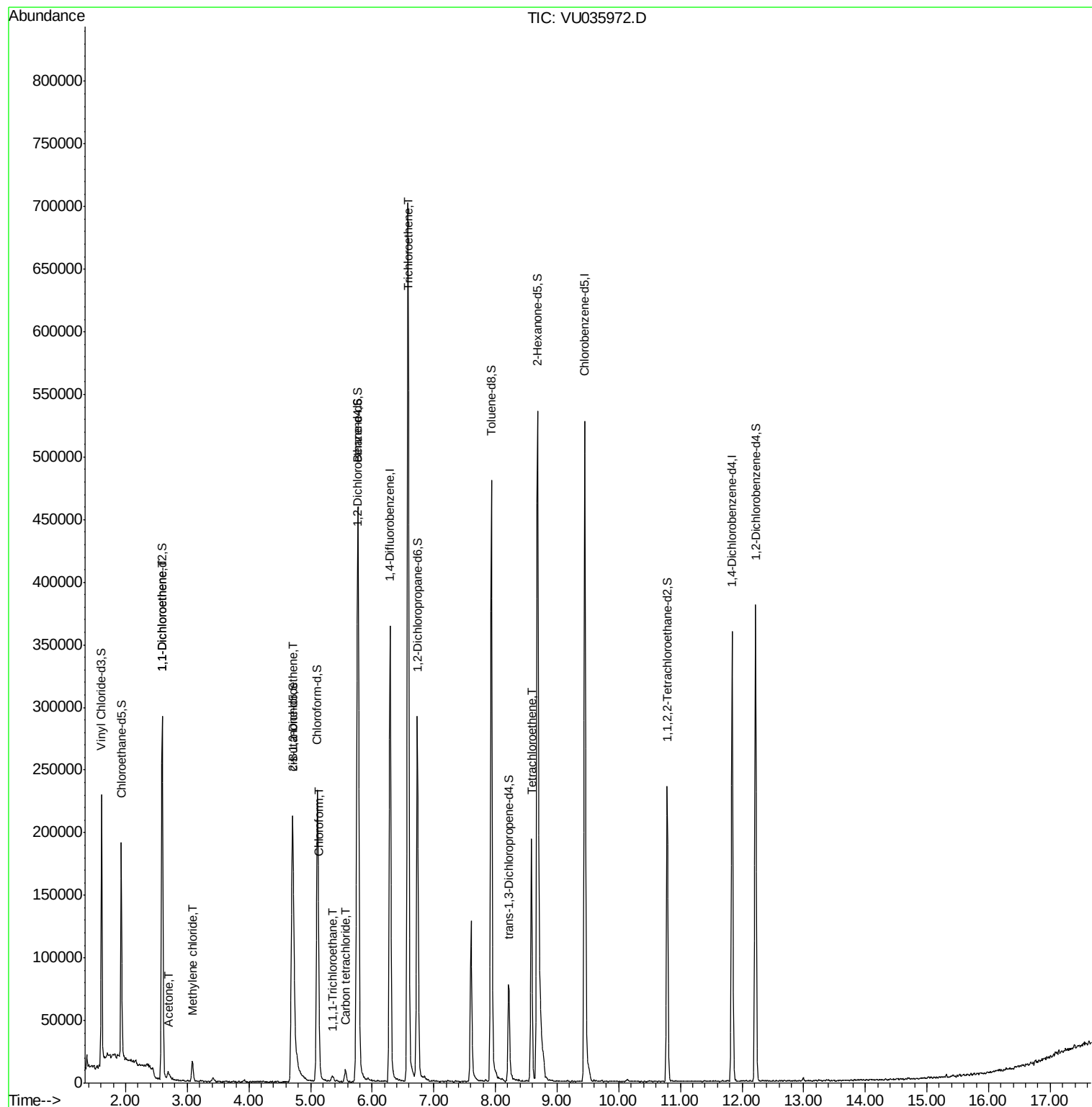
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	11904	0.561	ug/L #	1
13) Acetone	2.69	43	9192	1.701	ug/L	100
16) Methylene chloride	3.09	84	8049	0.245	ug/L	91
22) cis-1,2-Dichloroethene	4.72	96	38074	1.604	ug/L	92
25) Chloroform	5.14	83	17070	0.385	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	3123	0.080	ug/L #	52
31) Carbon tetrachloride	5.57	117	6928	0.200	ug/L	99
34) Trichloroethene	6.58	95	245676	9.572	ug/L	94
47) Tetrachloroethene	8.58	164	45774	2.194	ug/L	95

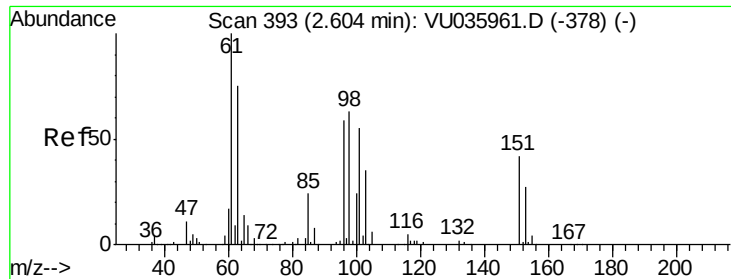
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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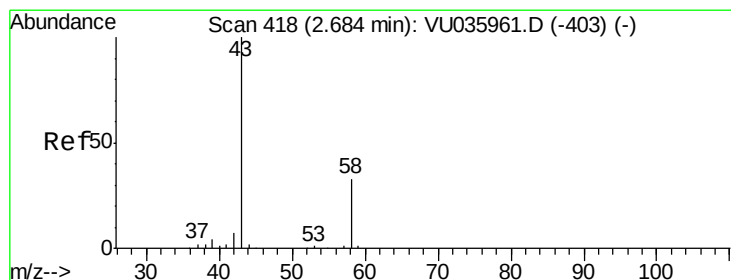
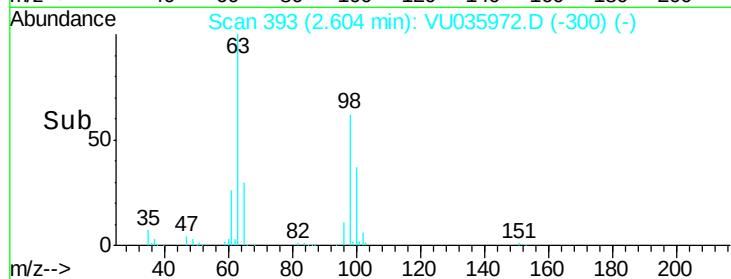
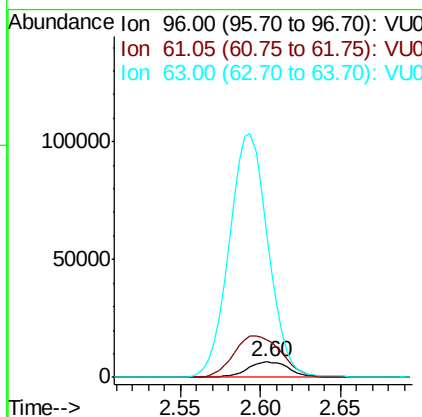
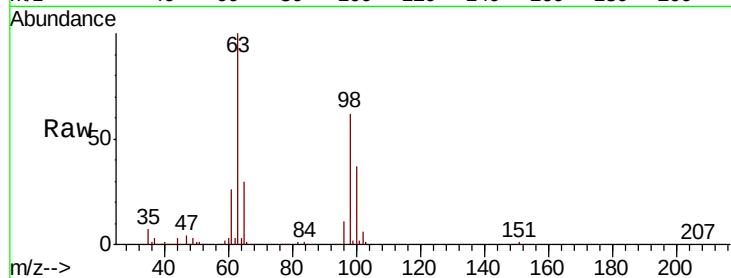




#12
 1,1-Dichloroethene
 Concen: 0.561 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU035972.D
 Acq: 04 Dec 2019 15:19

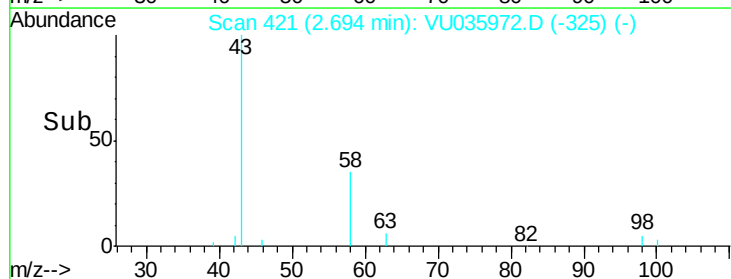
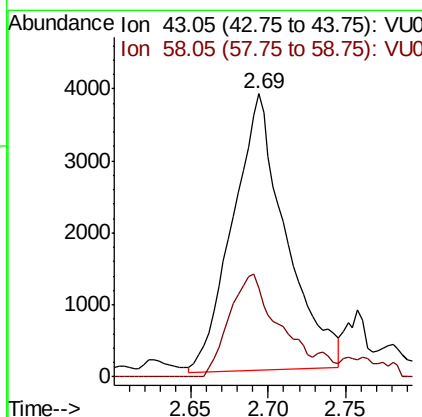
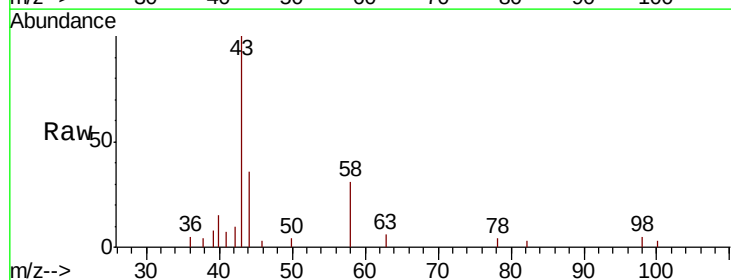
Instrument :
 MSVOA_U
 ClientSampleId :
 BFE27DL

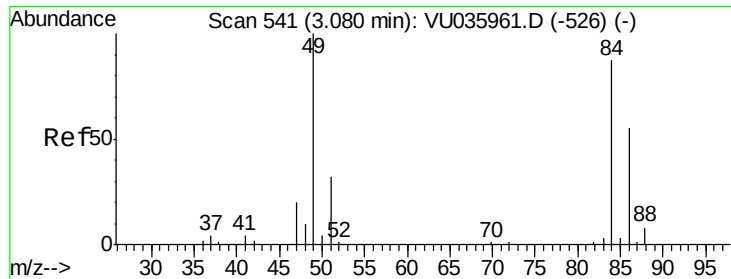
Tot Ion	Resp	Lower	Upper
96	11904		
Ion Ratio			
96	100		
61	248.0	127.1	236.1#
63	942.5	86.0	159.8#



#13
 Acetone
 Concen: 1.701 ug/L
 RT: 2.69 min Scan# 421
 Delta R.T. 0.01 min
 Lab File: VU035972.D
 Acq: 04 Dec 2019 15:19

Tgt Ion	Resp	Lower	Upper
43	9192		
Ion Ratio			
43	100		
58	34.3	0.0	68.6

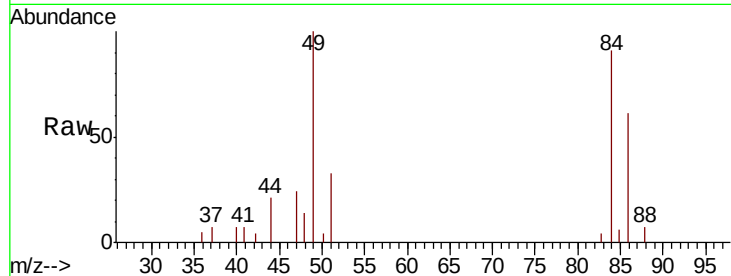




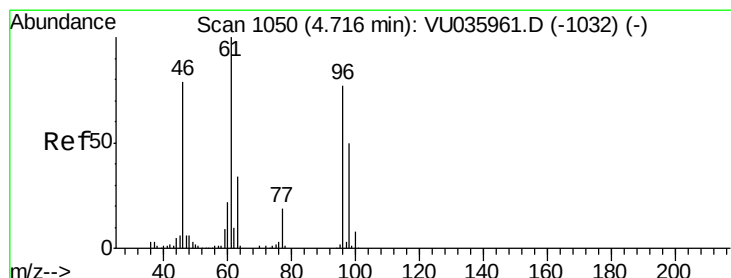
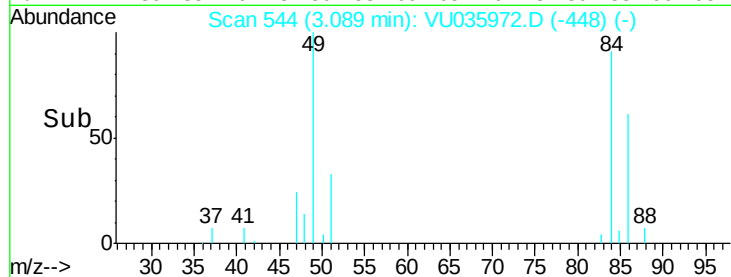
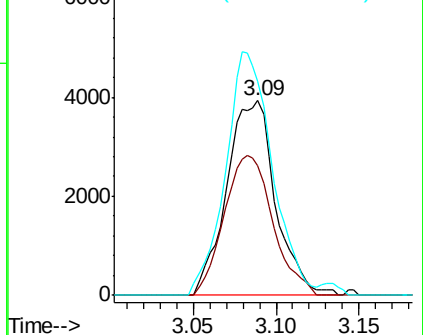
#16
Methylene chloride
Concen: 0.245 ug/L
RT: 3.09 min Scan# 544
Delta R.T. 0.01 min
Lab File: VU035972.D
Acq: 04 Dec 2019 15:19

Instrument :
MSVOA_U
ClientSampleId :
BFE27DL

Tot Ion: 84 Resp: 8049
Ion Ratio Lower Upper
84 100
86 66.7 44.7 82.9
49 110.2 86.2 160.2

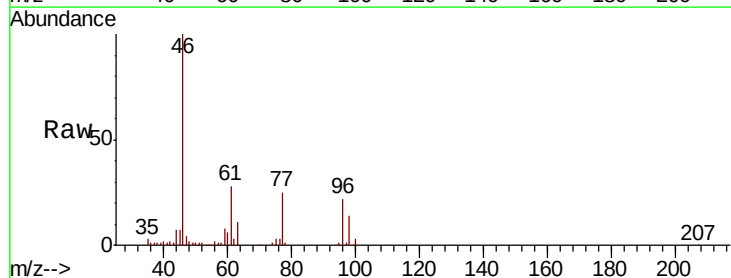


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

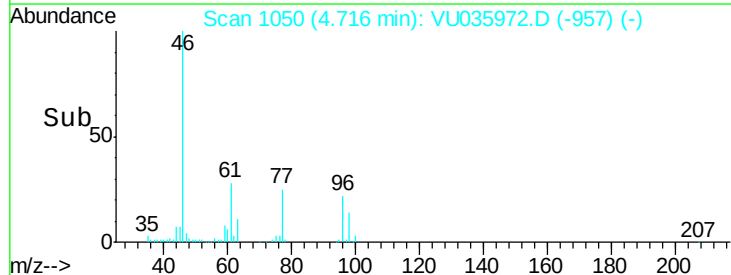
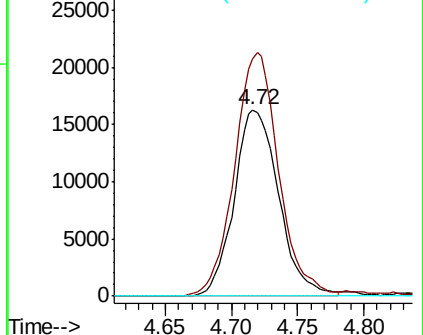


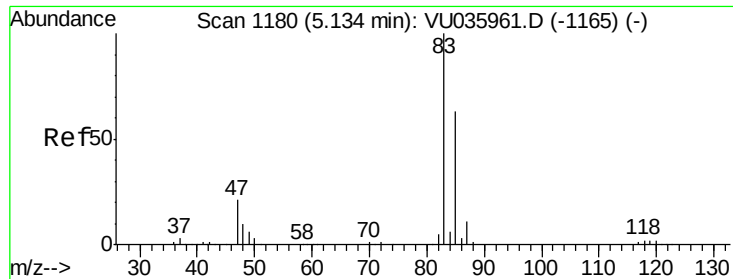
#22
cis-1,2-Dichloroethene
Concen: 1.604 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU035972.D
Acq: 04 Dec 2019 15:19

Tgt Ion: 96 Resp: 38074
Ion Ratio Lower Upper
96 100
61 127.4 95.7 177.7
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

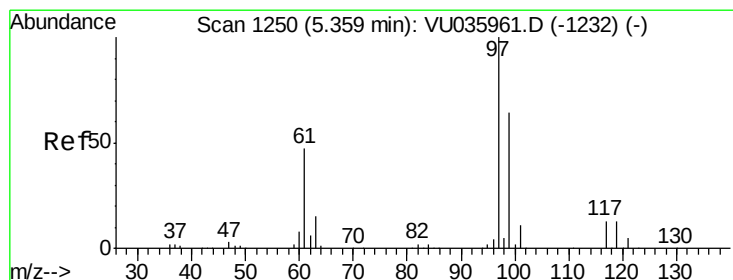
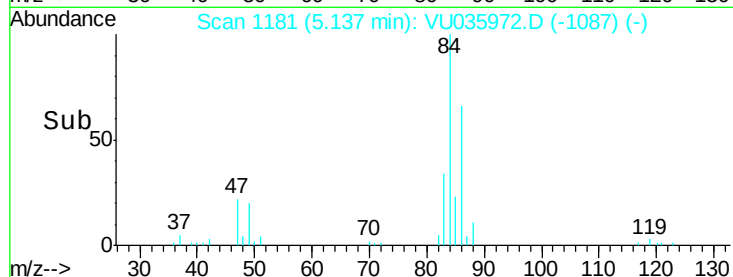
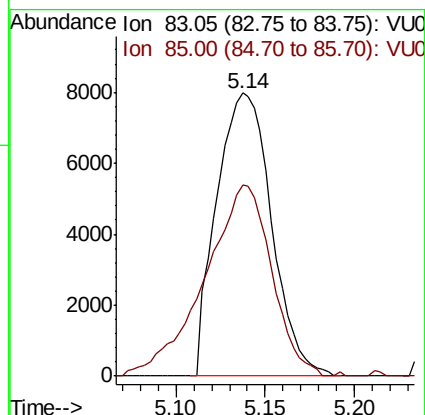
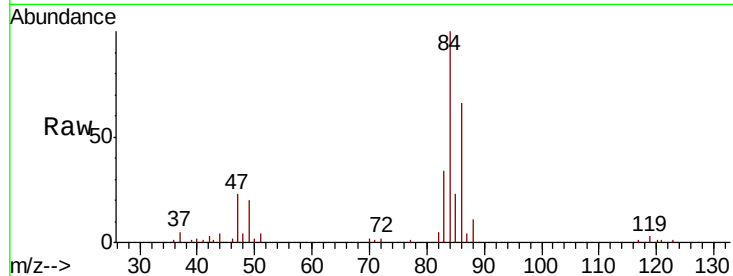




#25
Chloroform
Concen: 0.385 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035972.D
Acq: 04 Dec 2019 15:19

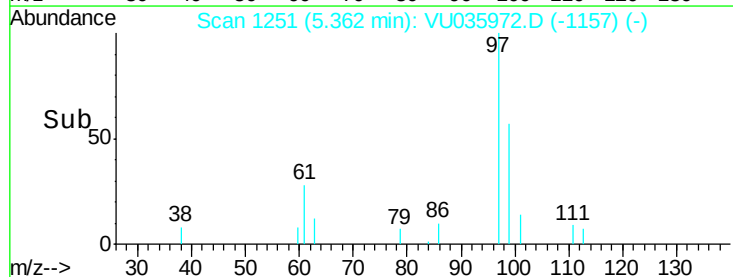
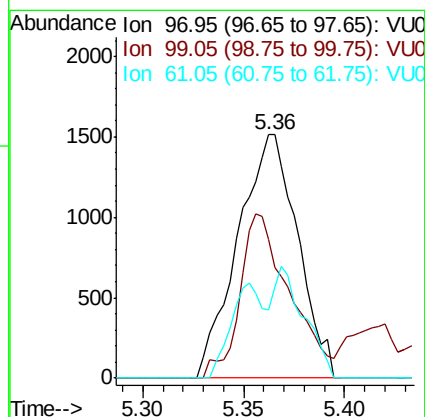
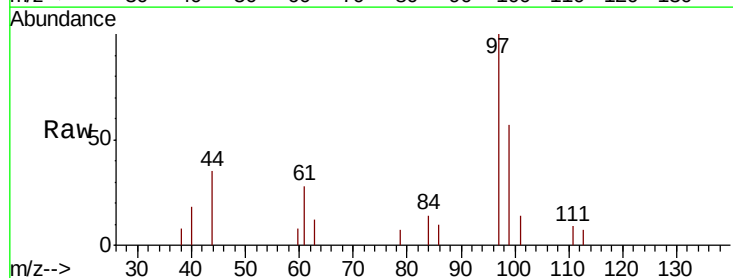
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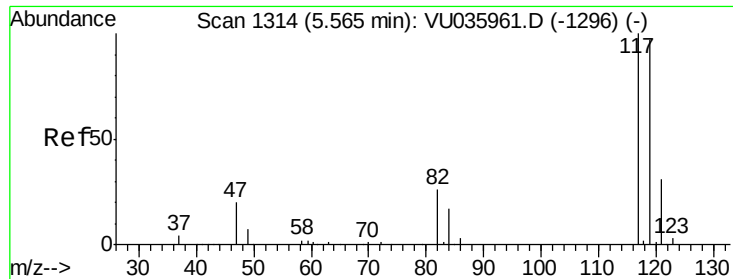
Tot Ion: 83 Resp: 17070
Ion Ratio Lower Upper
83 100
85 67.5 45.4 84.2



#29
1,1,1-Trichloroethane
Concen: 0.080 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035972.D
Acq: 04 Dec 2019 15:19

Tgt Ion: 97 Resp: 3123
Ion Ratio Lower Upper
97 100
99 20.5 51.8 77.8#
61 23.1 37.6 56.4#

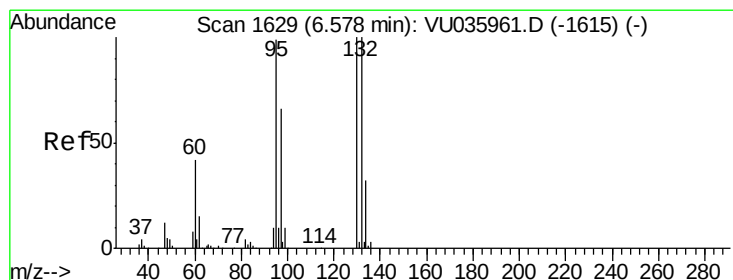
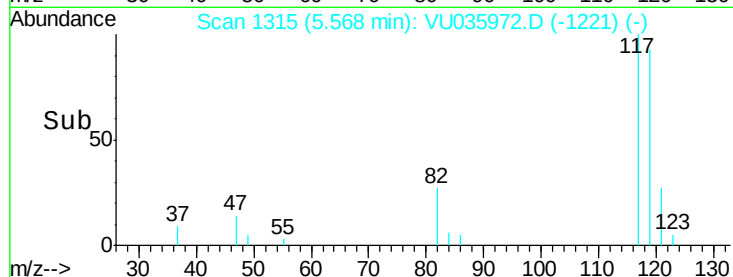
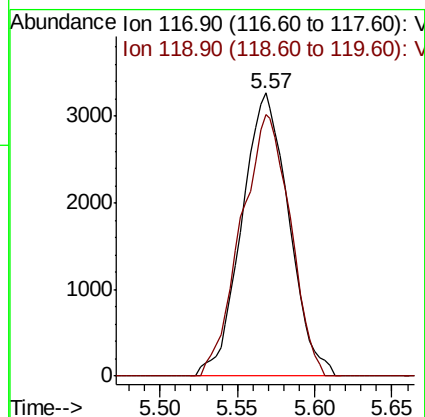
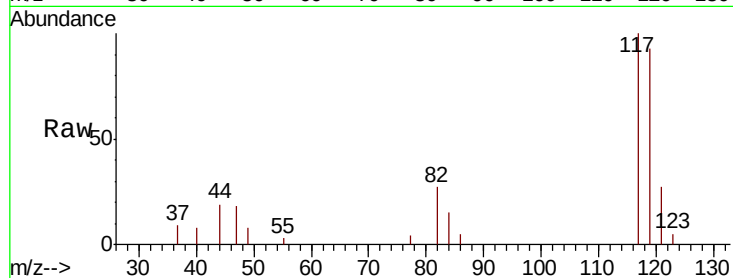




#31
Carbon tetrachloride
Concen: 0.200 ug/L
RT: 5.57 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU035972.D
Acq: 04 Dec 2019 15:19

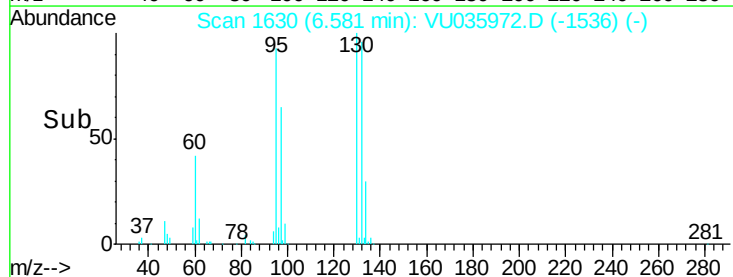
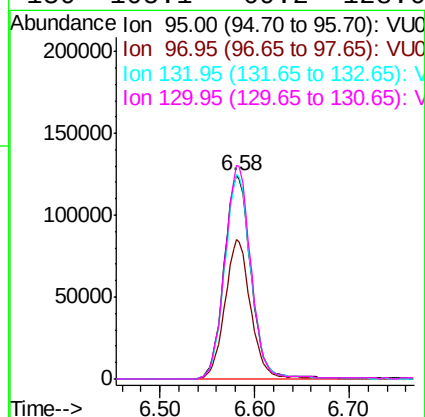
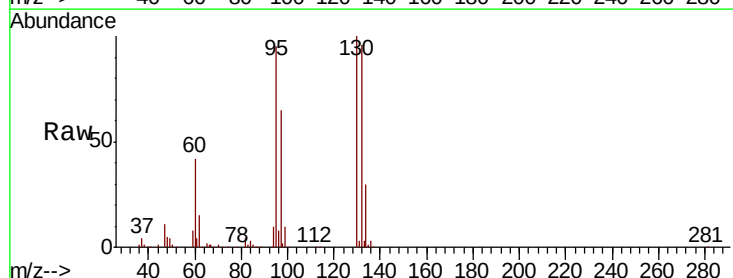
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ClientSampleId :
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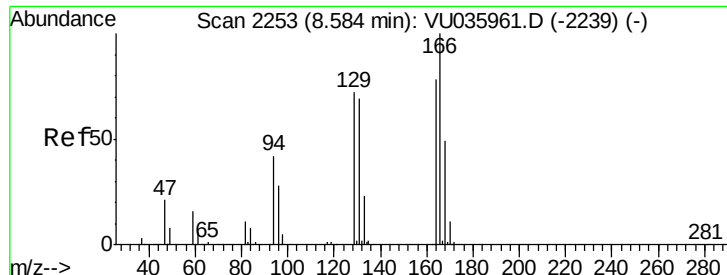
Tot Ion:117 Resp: 6928
Ion Ratio Lower Upper
117 100
119 96.6 76.9 115.3



#34
Trichloroethene
Concen: 9.572 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035972.D
Acq: 04 Dec 2019 15:19

Tgt Ion: 95 Resp: 245676
Ion Ratio Lower Upper
95 100
97 68.5 46.3 85.9
132 100.5 65.7 122.1
130 105.1 69.2 128.6





#47

Tetrachloroethene

Concen: 2.194 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035972.D

Acq: 04 Dec 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

BFE27DL

Tot Ion:164 Resp: 45774

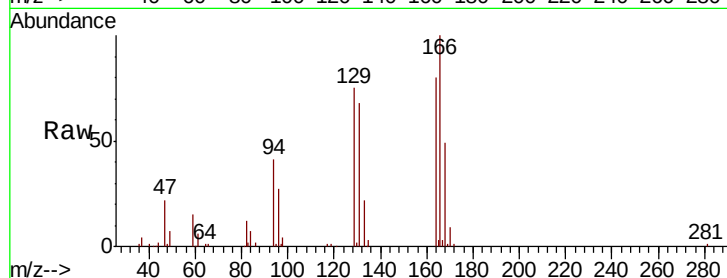
Ion Ratio Lower Upper

164 100

129 93.9 67.9 126.1

131 84.7 64.1 119.1

166 125.5 92.6 172.0



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

