

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040797.D
 Acq On : 19 Oct 2020 12:13
 Operator : SY/MD
 Sample : L4419-02DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 C0AG9DL

Manual Integrations
 APPROVED

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 10/20/2020 4:25:22 PM

Quant Time: Oct 20 02:15:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119016	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122854	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51175	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30723	3.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.93	69	31399	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.58	63	87218	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	4.66	46	174297	55.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.46%
24) Chloroform-d	5.08	84	82919	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.72	65	53226	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.75	84	140750	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.70	67	51980	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.91	98	106408	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	8.19	79	19726	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.64	63	119067	49.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48130	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	47930	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	60536	7.129	ug/L	89
13) Acetone	2.66	43	2042m	0.835	ug/L	
16) Methylene chloride	3.07	84	2169	0.199	ug/L	82
19) 1,1-Dichloroethane	3.89	63	2524	0.137	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	11141	1.162	ug/L	89
25) Chloroform	5.11	83	3458	0.184	ug/L	93
29) 1,1,1-Trichloroethane	5.33	97	5701	0.345	ug/L	98
34) Trichloroethene	6.55	95	9087	0.888	ug/L	90
47) Tetrachloroethene	8.56	164	8766	1.201	ug/L	91

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

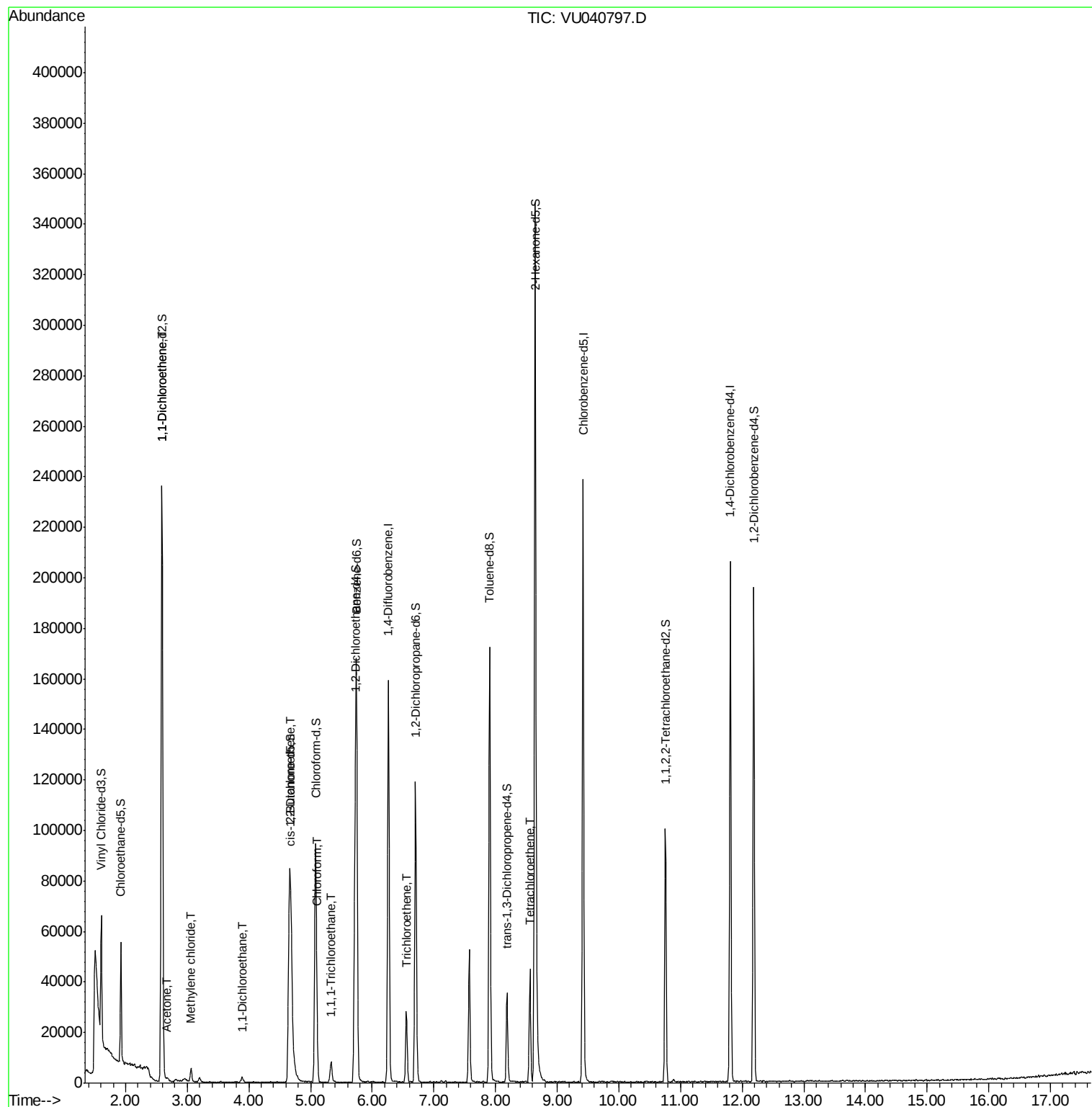
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101920\
Data File : VU040797.D
Acq On : 19 Oct 2020 12:13
Operator : SY/MD
Sample : L4419-02DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

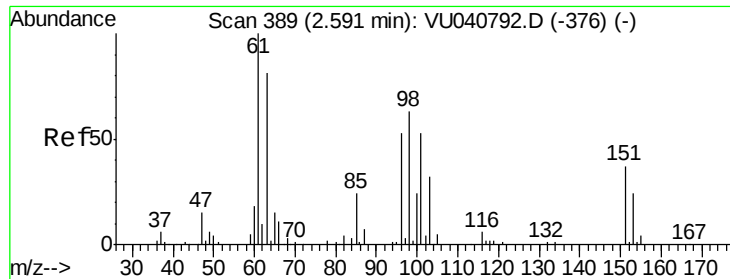
Instrument :
MSVOA_U
ClientSampleId :
C0AG9DL

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





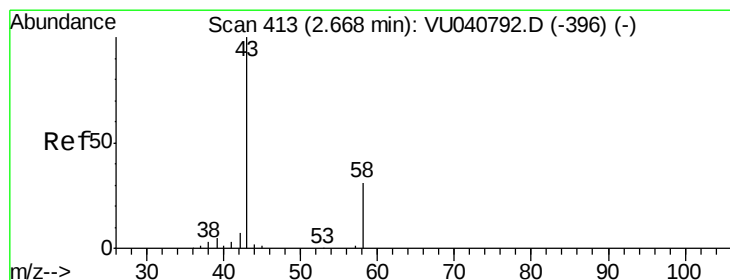
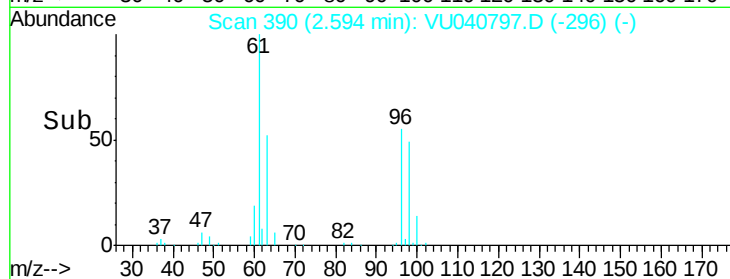
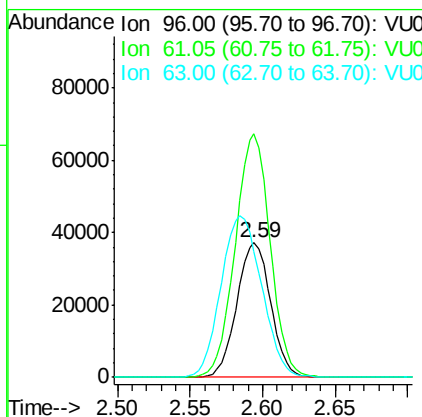
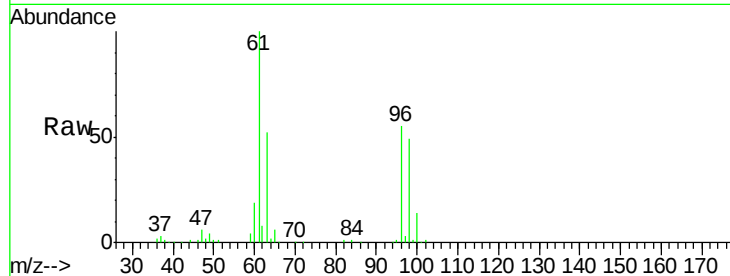
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1,1-Dichloroethene
Concen: 7.129 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU040797.D
Acq: 19 Oct 2020 12:13

Instrument :
MSVOA_U
ClientSampled :
C0AG9DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	181.3	128.8	239.2
63	93.8	84.6	157.2

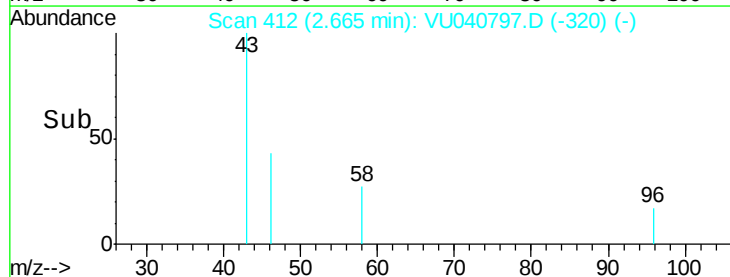
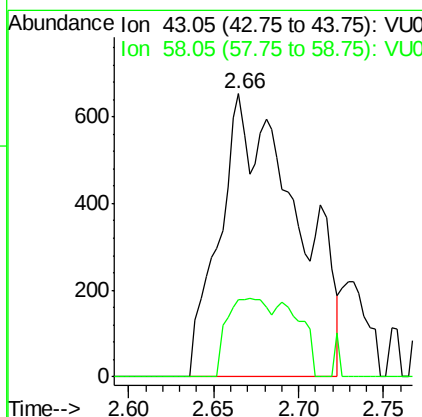
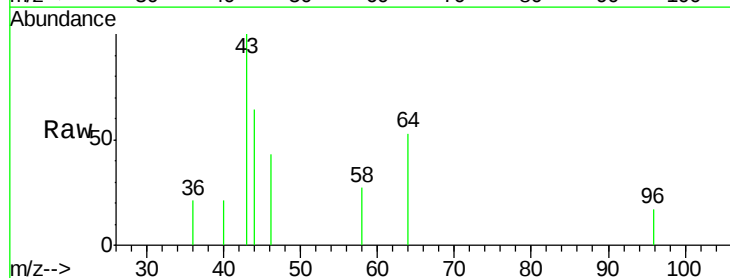
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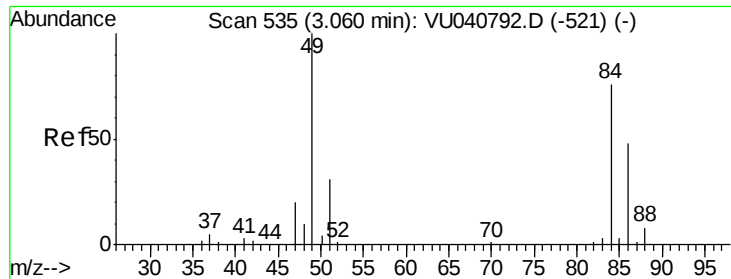
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#13
Acetone
Concen: 0.835 ug/L m
RT: 2.66 min Scan# 412
Delta R.T. -0.00 min
Lab File: VU040797.D
Acq: 19 Oct 2020 12:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	15.3	0.0	60.6





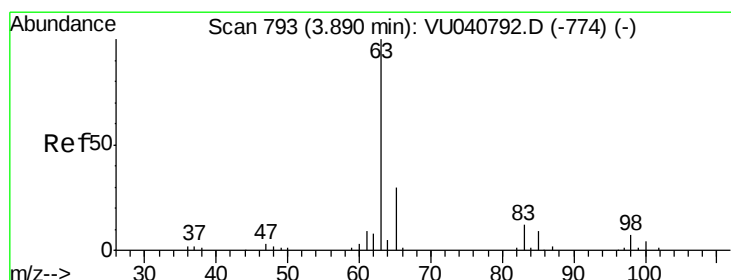
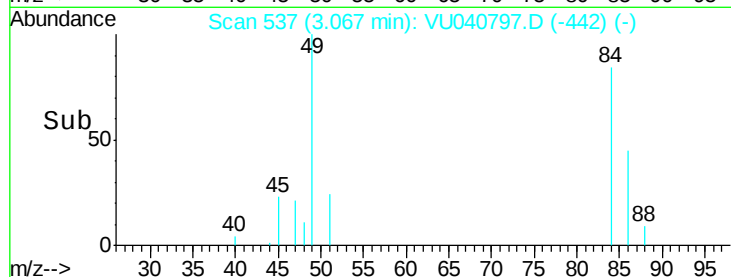
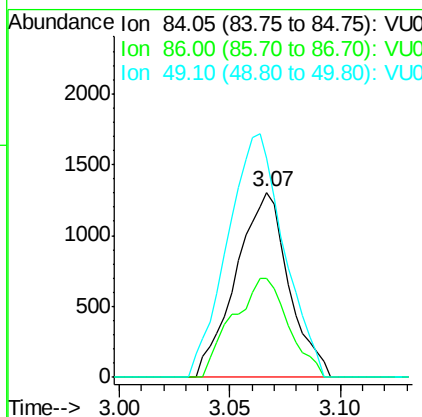
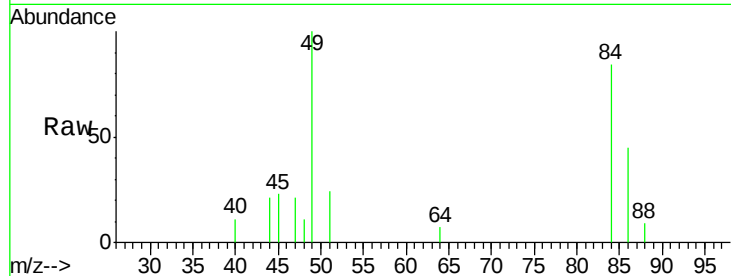
#16
Methvlene chloride
Concen: 0.199 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU040797.D
Acq: 19 Oct 2020 12:13

Instrument :
MSVOA_U
ClientSampleId :
C0AG9DL

Tot Ion	Ratio	Lower	Upper
84	100		
86	53.3	45.4	84.4
49	118.7	99.8	185.3

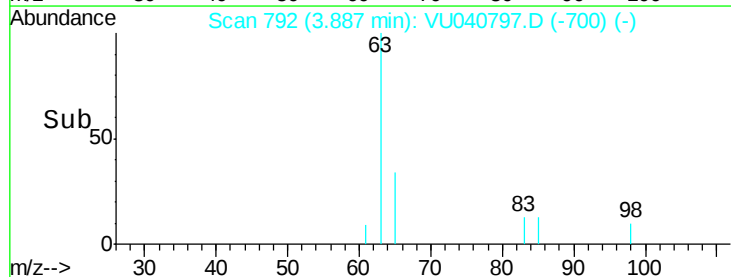
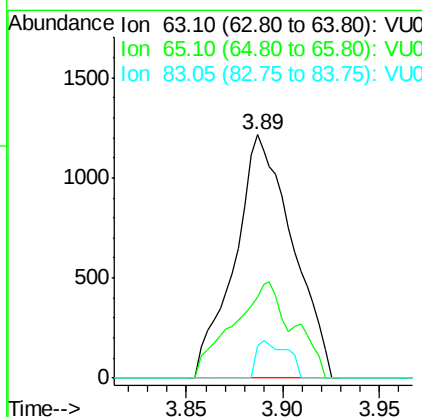
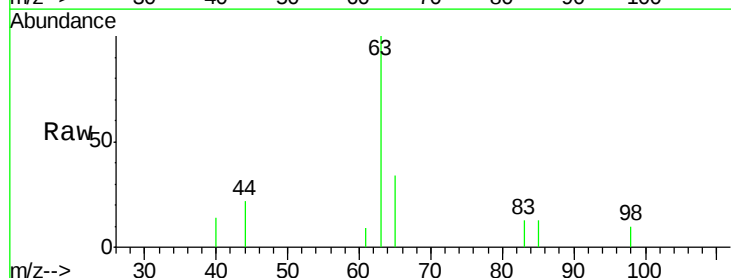
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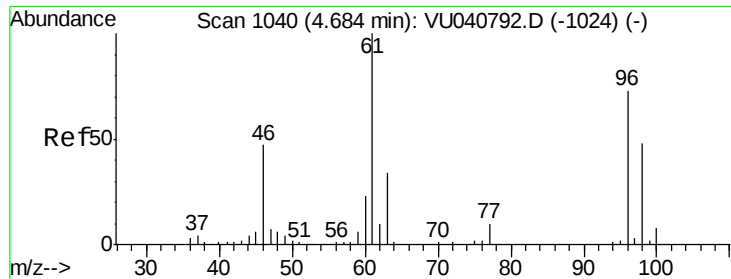
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#19
1,1-Dichloroethane
Concen: 0.137 ug/L
RT: 3.89 min Scan# 792
Delta R.T. -0.00 min
Lab File: VU040797.D
Acq: 19 Oct 2020 12:13

Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.6	21.9	40.7
83	13.2	9.6	17.8





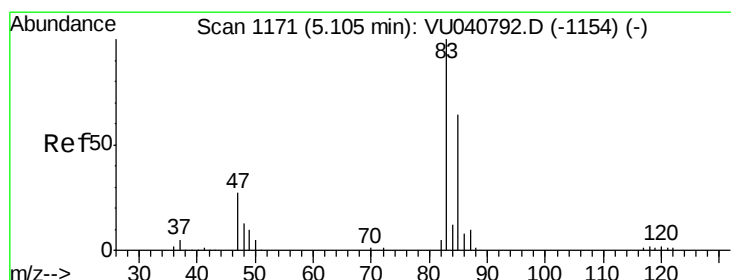
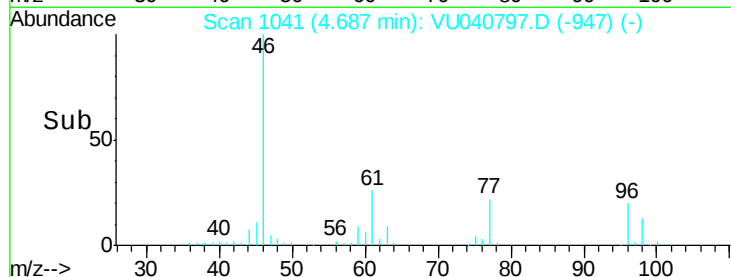
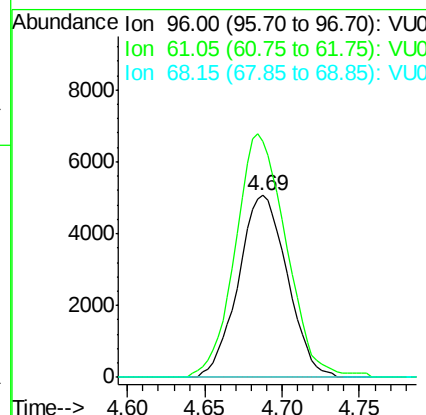
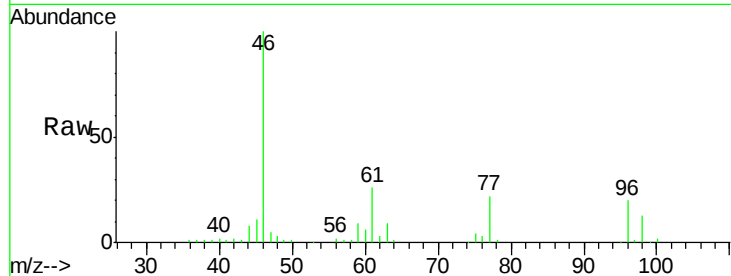
#22
 cis-1,2-Dichloroethene
 Concen: 1.162 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040797.D
 Acq: 19 Oct 2020 12:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG9DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.4	99.8	185.4
68	0.0	0.0	0.0

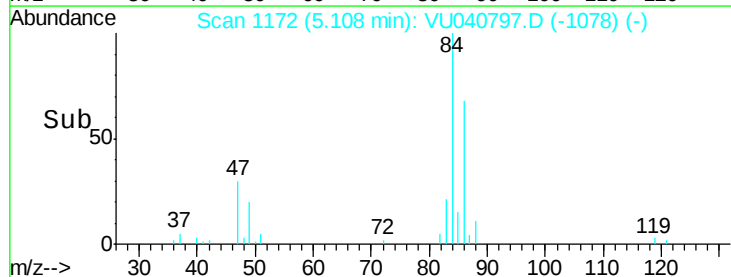
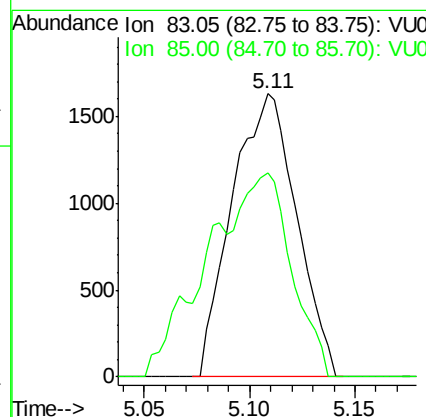
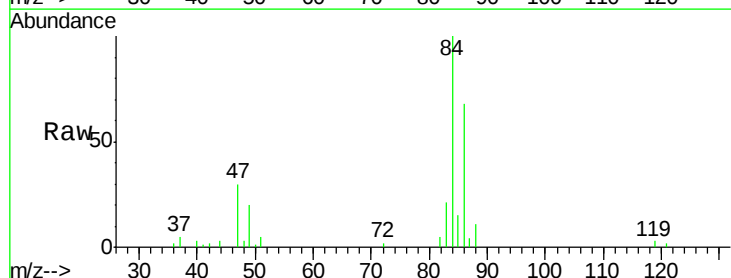
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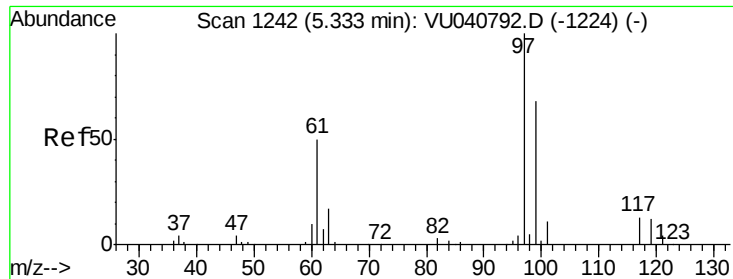
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#25
 Chloroform
 Concen: 0.184 ug/L
 RT: 5.11 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU040797.D
 Acq: 19 Oct 2020 12:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	72.0	46.5	86.5





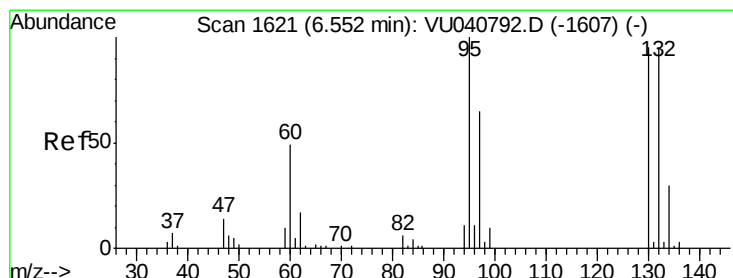
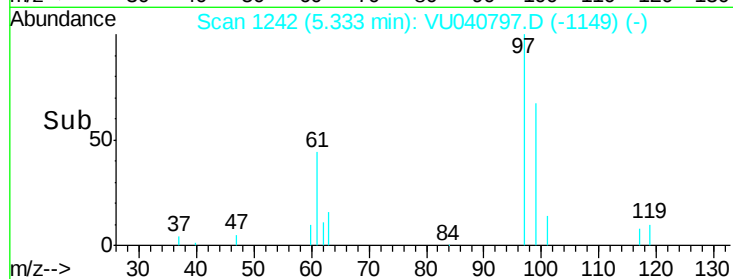
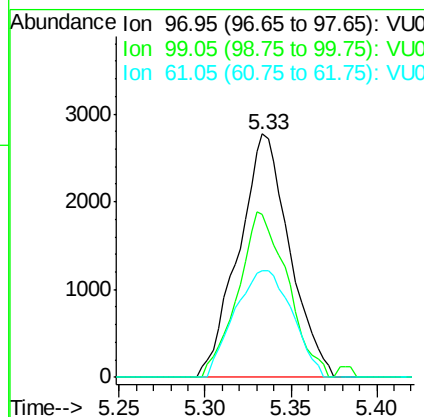
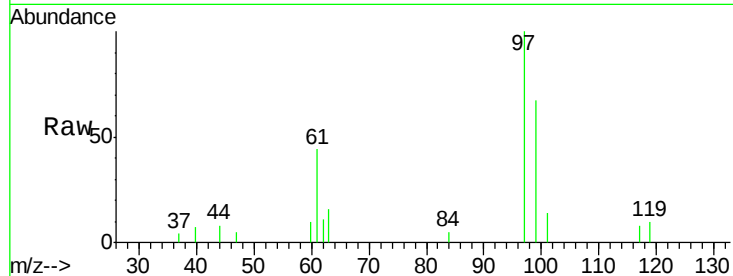
#29
1,1,1-Trichloroethane
Concen: 0.345 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU040797.D
Acq: 19 Oct 2020 12:13

Instrument :
MSVOA_U
ClientSampleId :
C0AG9DL

Tot Ion	Ratio	Lower	Upper
97	100		
99	66.3	51.3	76.9
61	49.5	39.4	59.2

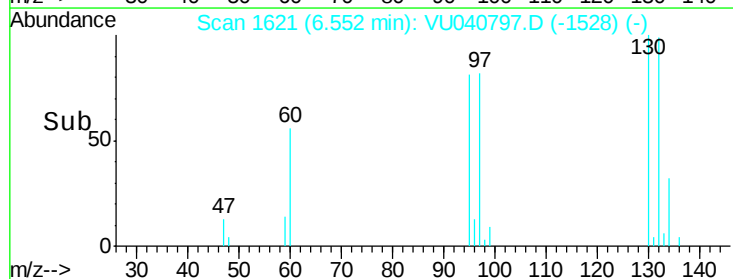
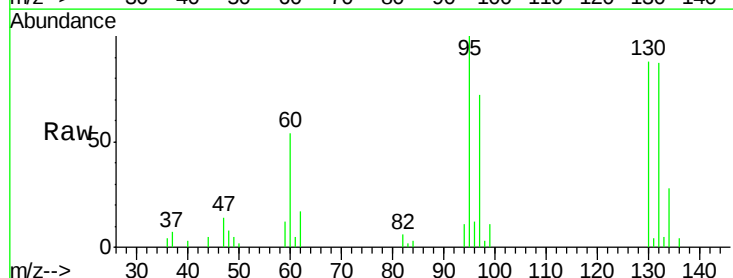
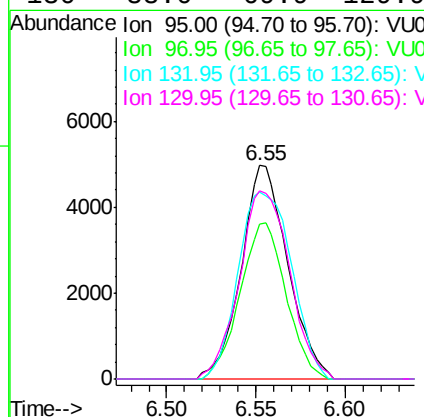
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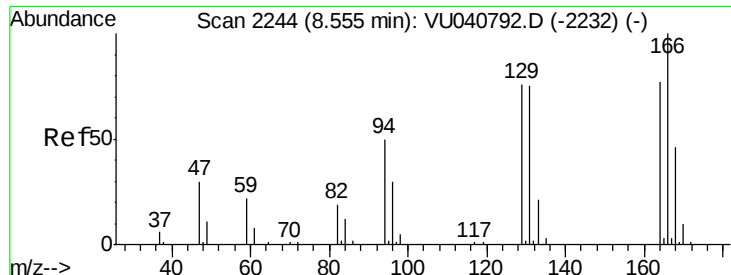
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#34
Trichloroethene
Concen: 0.888 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU040797.D
Acq: 19 Oct 2020 12:13

Tgt Ion	Ratio	Lower	Upper
95	100		
97	72.4	45.5	84.5
132	87.3	67.5	125.4
130	88.0	69.9	129.9





#47

Tetrachloroethene

Concen: 1.201 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040797.D

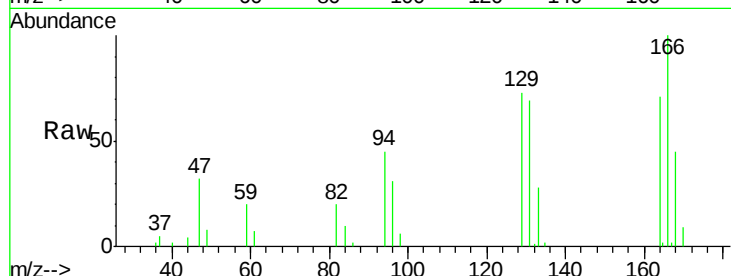
Acq: 19 Oct 2020 12:13

Instrument :

MSVOA_U

ClientSampleId :

C0AG9DL



Tot Ion:164 Resp: 8766

Ion Ratio Lower Upper

164 100

129 102.8 68.8 127.8

131 96.9 66.7 123.9

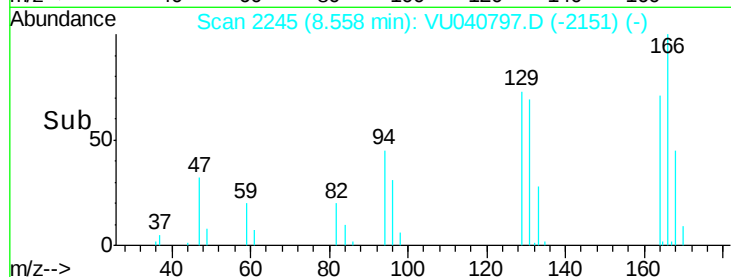
166 140.5 83.9 155.7

Manual Integrations

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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

