

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112519\
 Data File : VU035840.D
 Acq On : 25 Nov 2019 22:09
 Operator : JC/SP
 Sample : K5992-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARF2

Manual Integrations
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Quant Time: Nov 26 03:33:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 01:03:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	257069	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	282138	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	92990	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	130249	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.93	69	128092	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.61	63	778913	12.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	249.60%#
20) 2-Butanone-d5	4.70	46	403320	51.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.80%
24) Chloroform-d	5.11	84	248100	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.75	65	146134	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.77	84	500172	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.74	67	183396	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.93	98	425803	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.21	79	64813	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.68	63	321920	56.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.50%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	142091	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	101730	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
5) Vinyl chloride	1.62	62	105675	2.462	ug/L #	76
12) 1,1-Dichloroethene	2.61	96	1018153	38.065	ug/L #	71
16) Methylene chloride	3.09	84	2124	0.066	ug/L #	83
18) trans-1,2-Dichloroethene	3.39	96	139198	5.285	ug/L	99
19) 1,1-Dichloroethane	3.92	63	13967	0.236	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	13047425	444.540	ug/L #	98
25) Chloroform	5.14	83	44010	0.764	ug/L	96
27) 1,2-Dichloroethane	5.84	62	7204	0.190	ug/L #	95
33) Benzene	5.82	78	49610	0.421	ug/L	100
34) Trichloroethene	6.57	95	41840250m	1449.033	ug/L	
45) 1,1,2-Trichloroethane	8.44	97	26413	1.214	ug/L	98
47) Tetrachloroethene	8.58	164	140320	6.386	ug/L	97

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

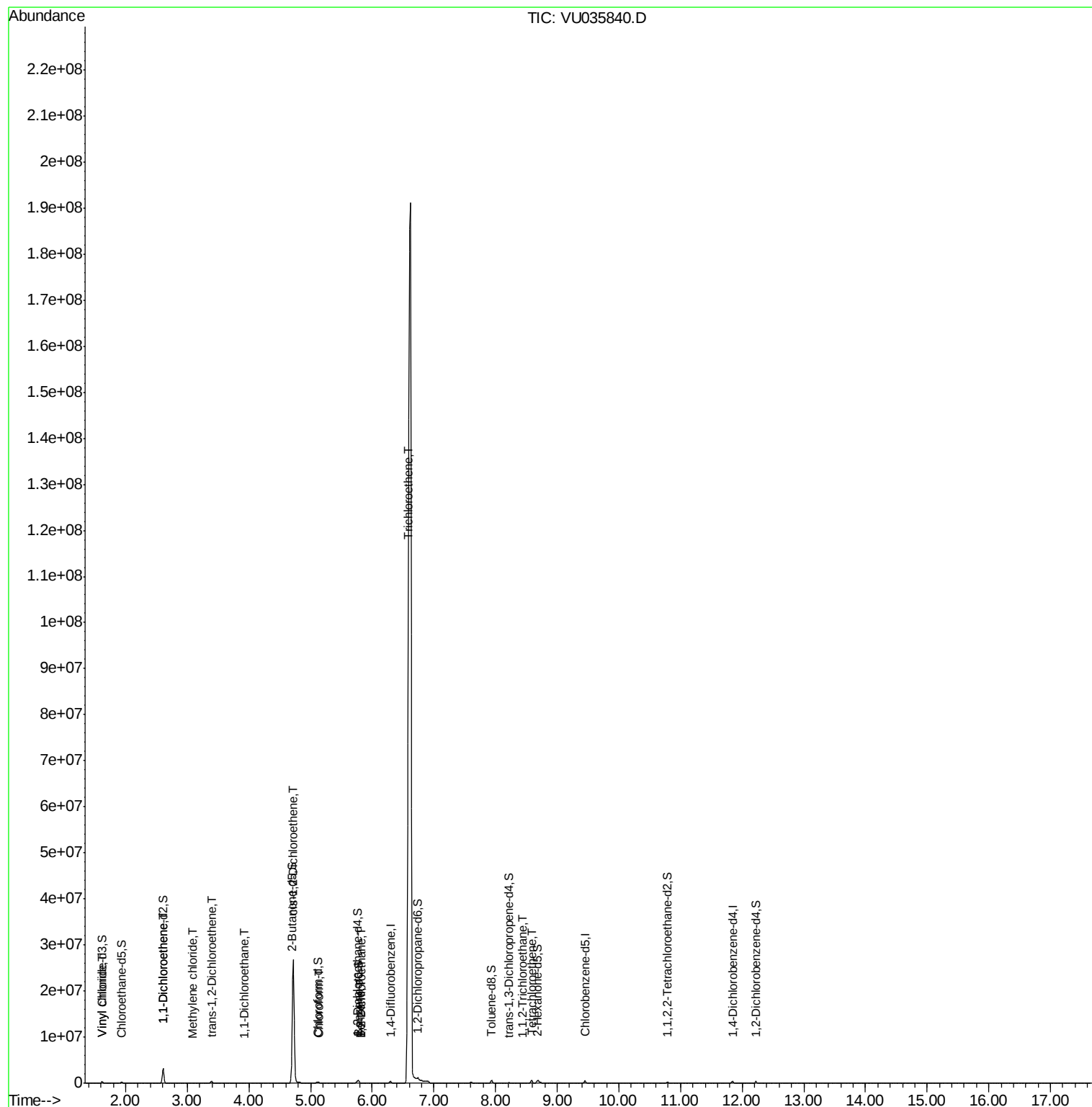
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112519\
Data File : VU035840.D
Acq On : 25 Nov 2019 22:09
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ALS Vial : 18 Sample Multiplier: 1

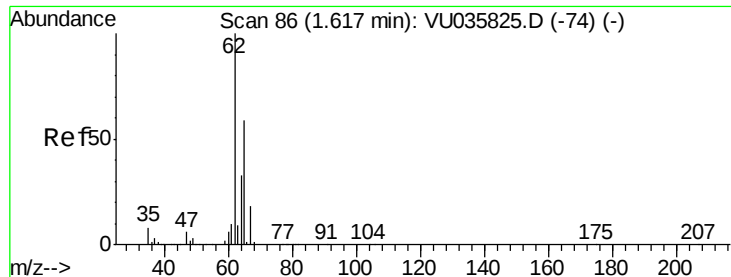
Instrument :
MSVOA_U
ClientSampleId :
GARF2

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Quant Time: Nov 26 03:33:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 01:03:35 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.462 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU035840.D

Acq: 25 Nov 2019 22:09

Instrument :

MSVOA_U

ClientSampled :

GARF2

Tot Ion: 62 Resp: 105675

Ion Ratio Lower Upper

62 100

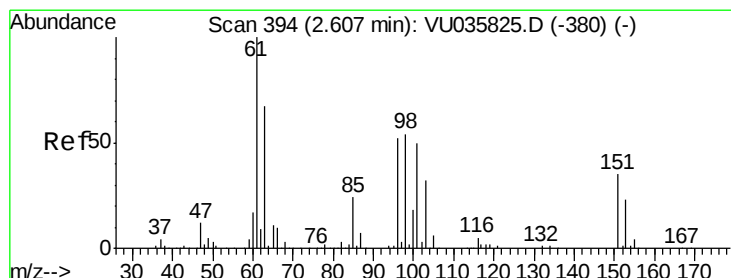
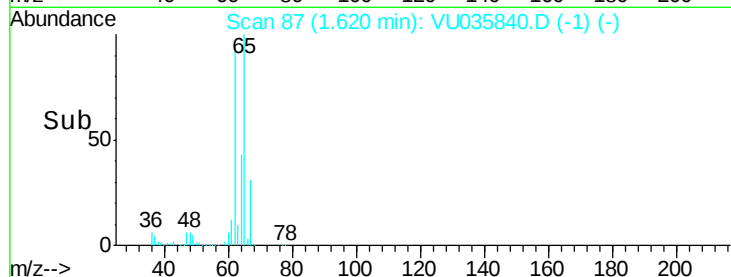
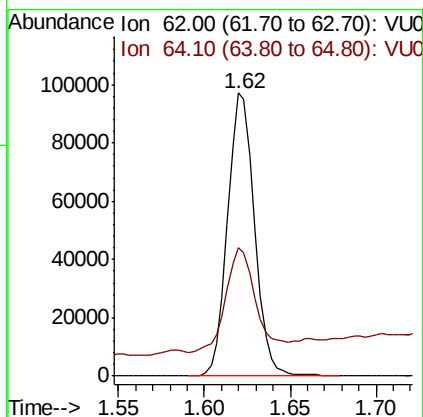
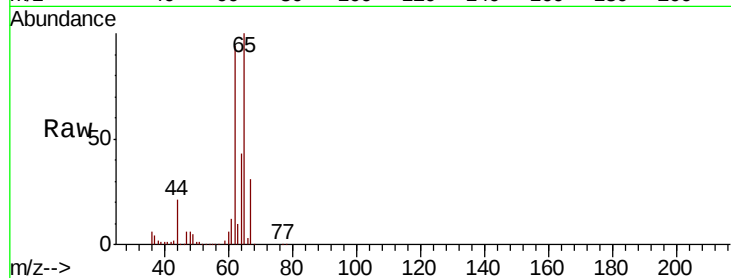
64 45.4 22.5 41.9#

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#12

1,1-Dichloroethene

Concen: 38.065 ug/L

RT: 2.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: VU035840.D

Acq: 25 Nov 2019 22:09

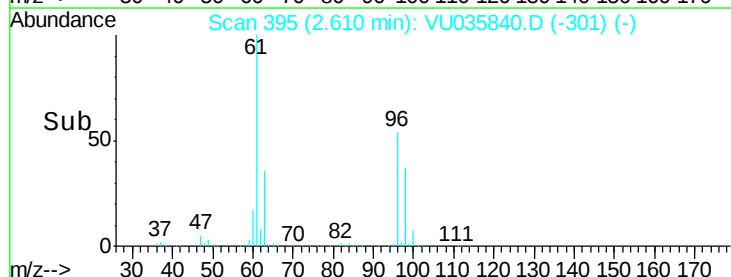
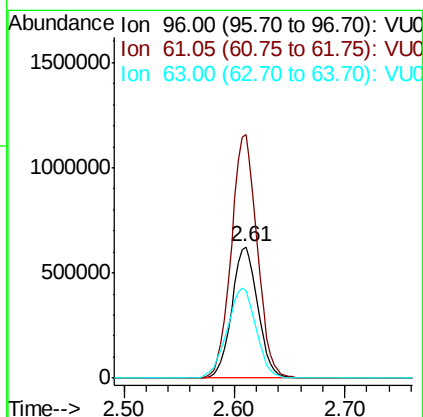
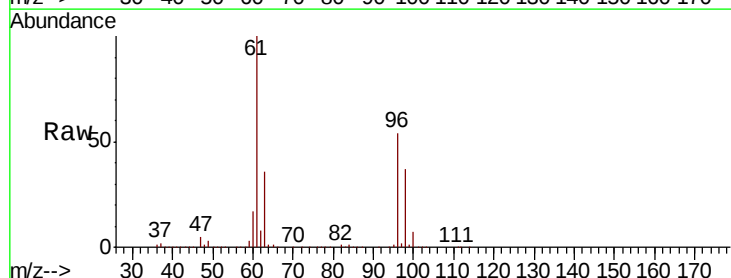
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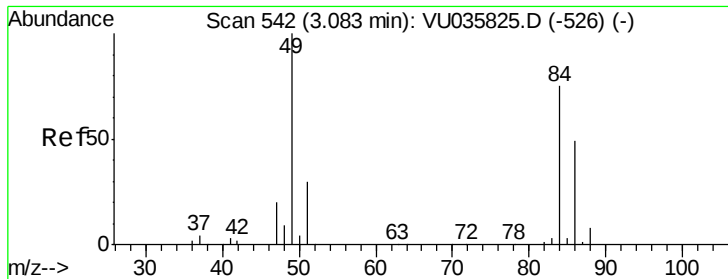
Ion Ratio Lower Upper

96 100

61 185.0 139.3 258.7

63 66.2 93.7 174.1#





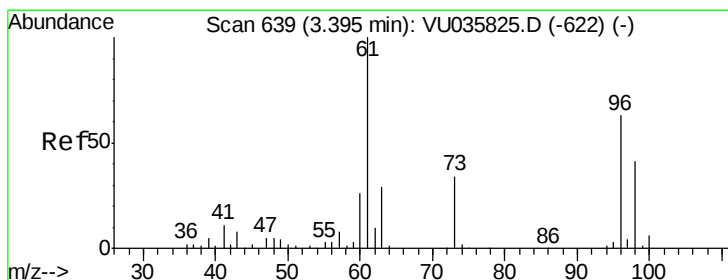
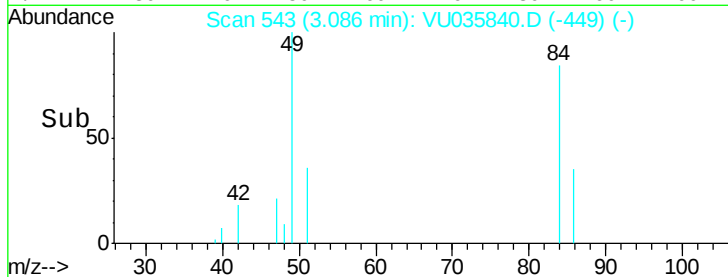
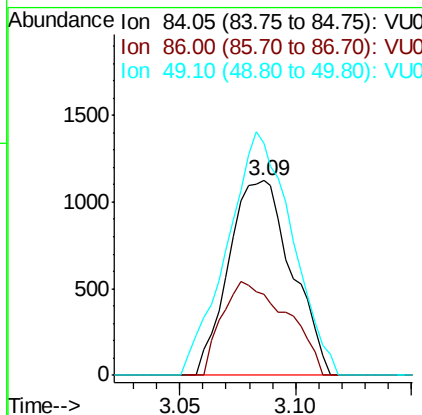
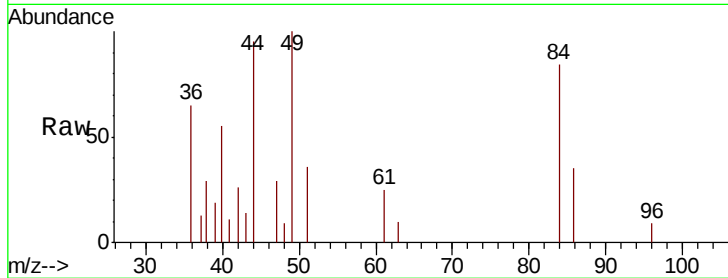
#16
Methvlene chloride
Concen: 0.066 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU035840.D
Acq: 25 Nov 2019 22:09

Instrument :
MSVOA_U
ClientSampled :
GARF2

Tot Ion	Ratio	Lower	Upper
84	100		
86	41.8	44.4	82.5#
49	119.7	94.0	174.6

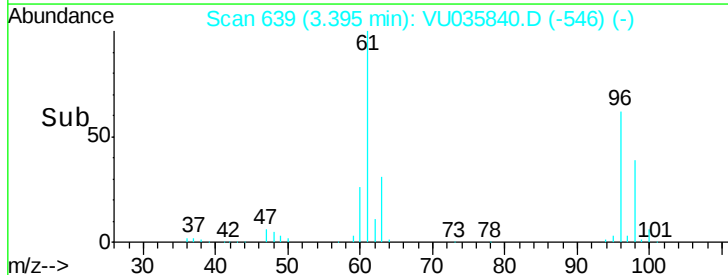
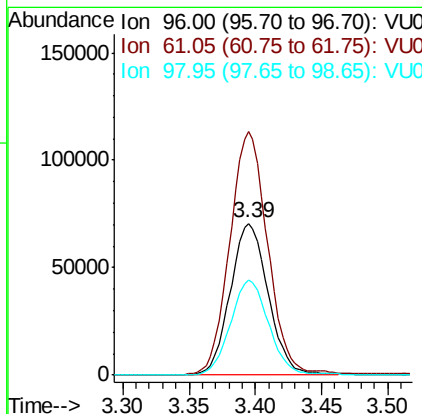
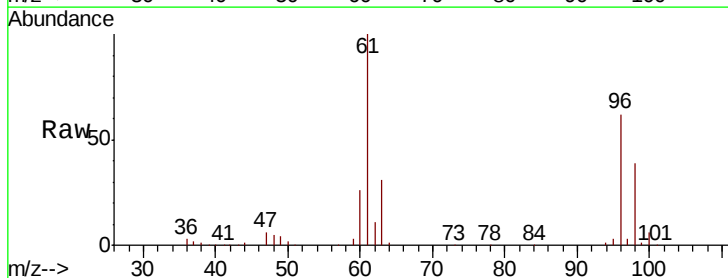
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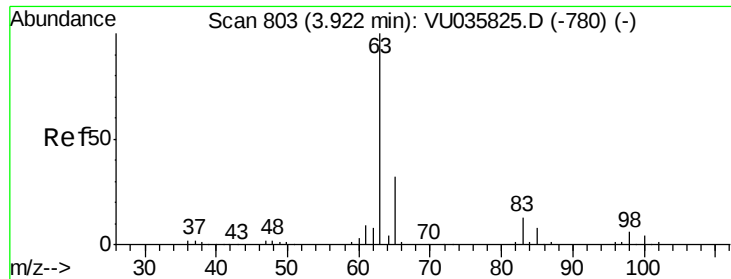
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#18
trans-1,2-Dichloroethene
Concen: 5.285 ug/L
RT: 3.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: VU035840.D
Acq: 25 Nov 2019 22:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.3	111.1	206.3
98	62.8	43.1	80.1





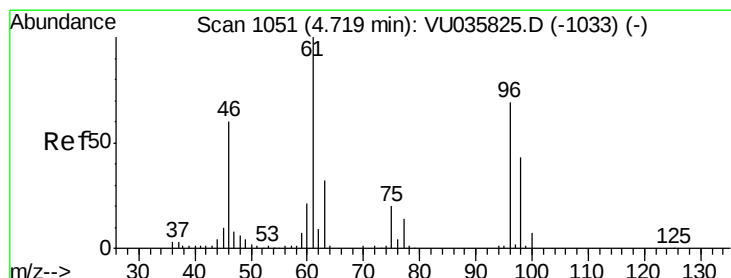
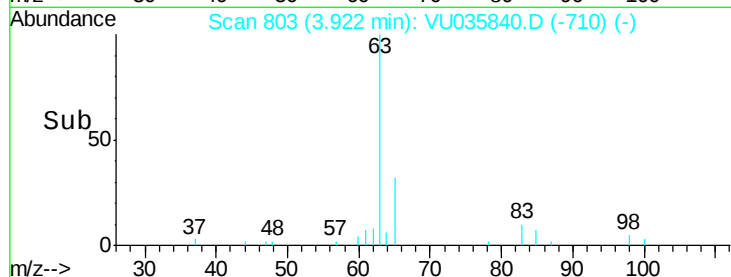
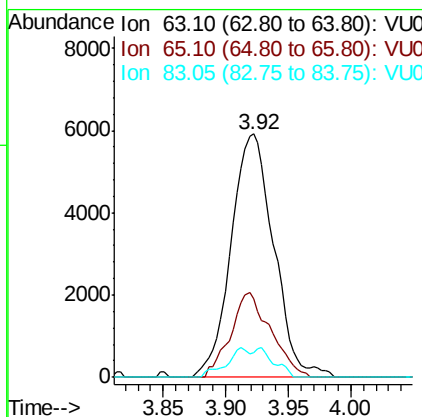
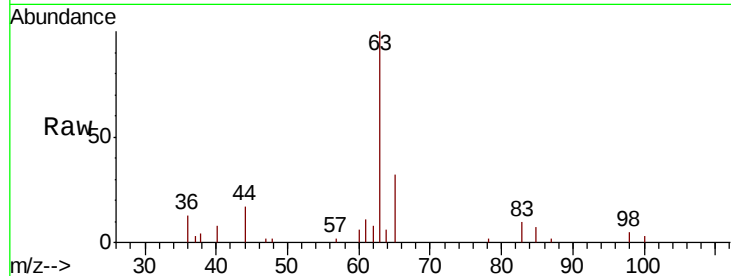
#19
 1,1-Dichloroethane
 Concen: 0.236 ug/L
 RT: 3.92 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: VU035840.D
 Acq: 25 Nov 2019 22:09

Instrument :
 MSVOA_U
 ClientSampleID :
 GARF2

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	21.8	40.4
83	10.3	8.6	16.0

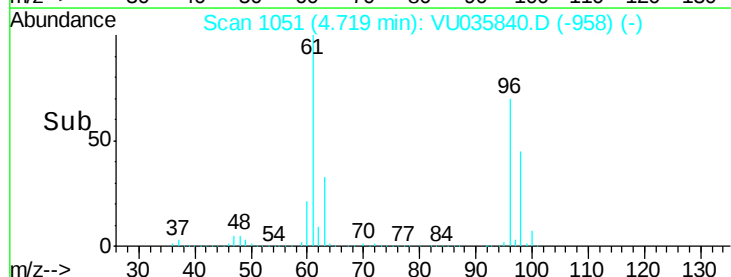
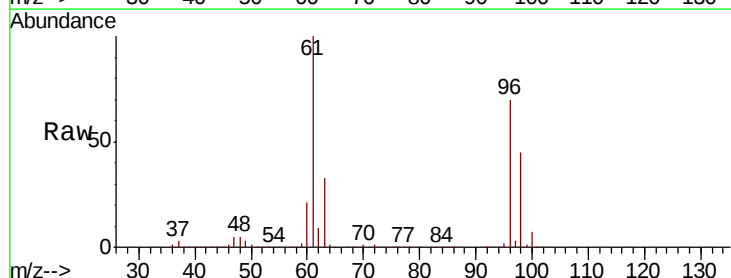
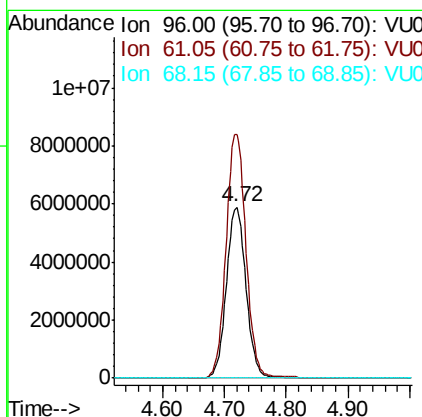
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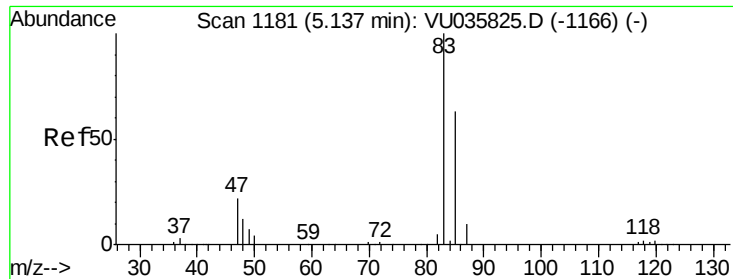
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#22
 cis-1,2-Dichloroethene
 Concen: 444.540 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VU035840.D
 Acq: 25 Nov 2019 22:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.3	98.1	182.1
68	0.0	0.0	0.0#





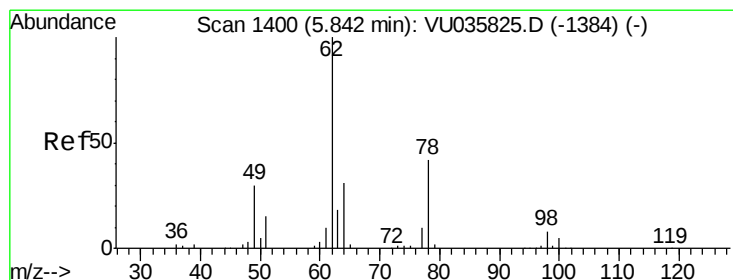
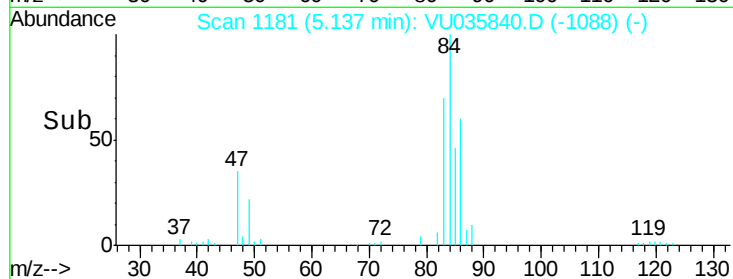
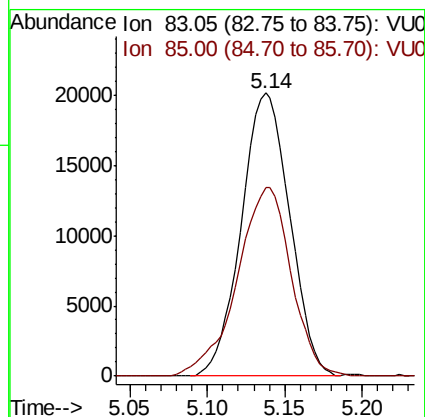
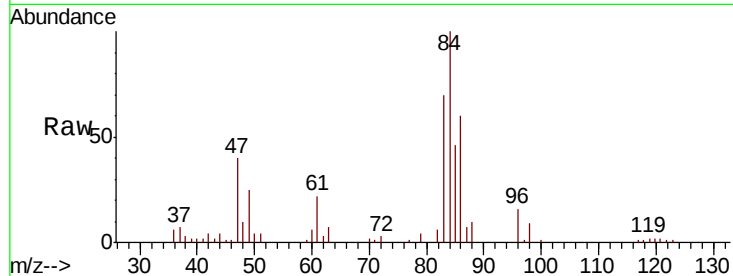
#25
Chloroform
Concen: 0.764 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035840.D
Acq: 25 Nov 2019 22:09

Instrument :
MSVOA_U
ClientSampled :
GARF2

Tot Ion	83	Resp	44010
Ion Ratio	100	Lower	Upper
85	66.6	44.6	82.8

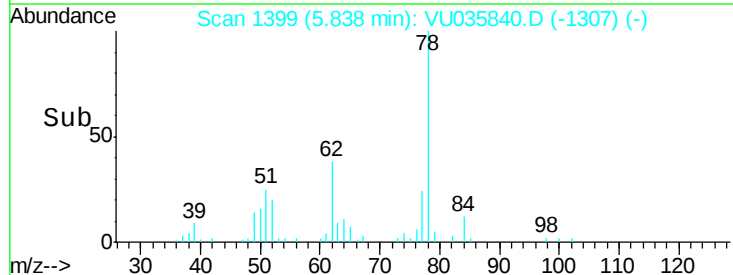
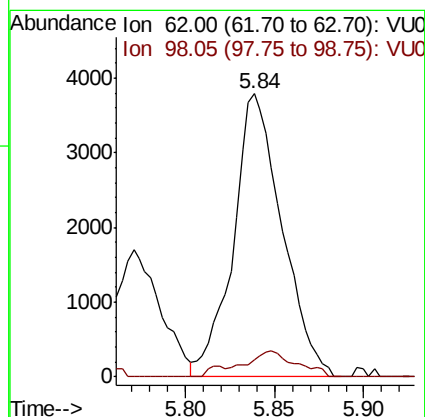
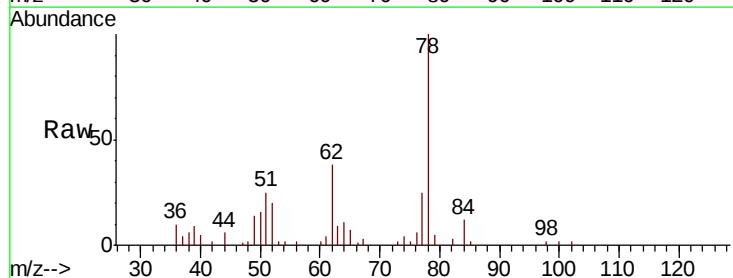
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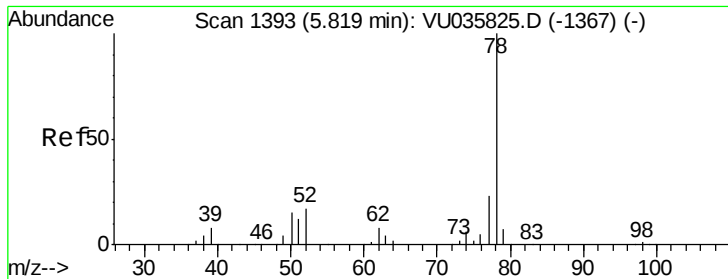
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#27
1,2-Dichloroethane
Concen: 0.190 ug/L
RT: 5.84 min Scan# 1399
Delta R.T. -0.00 min
Lab File: VU035840.D
Acq: 25 Nov 2019 22:09

Tgt Ion	62	Resp	7204
Ion Ratio	100	Lower	Upper
98	5.9	6.2	9.4#





#33

Benzene

Concen: 0.421 ug/L

RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035840.D

Acq: 25 Nov 2019 22:09

Instrument :

MSVOA_U

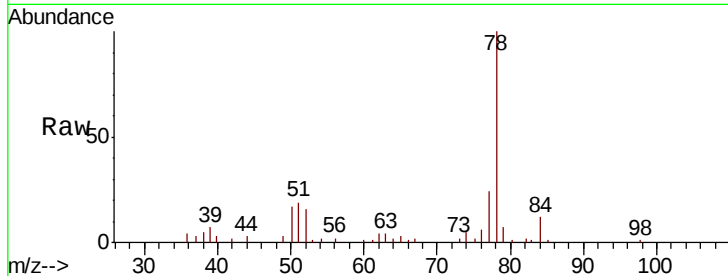
ClientSampleId :

GARF2

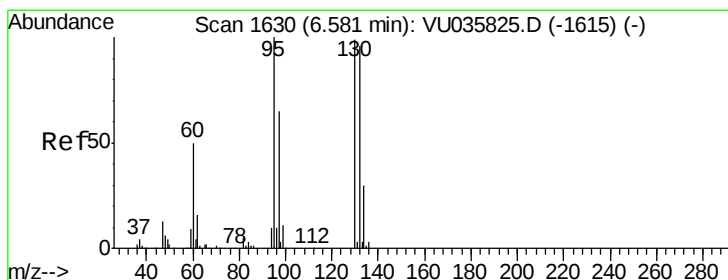
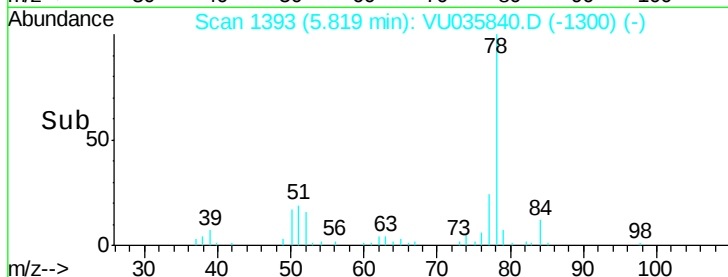
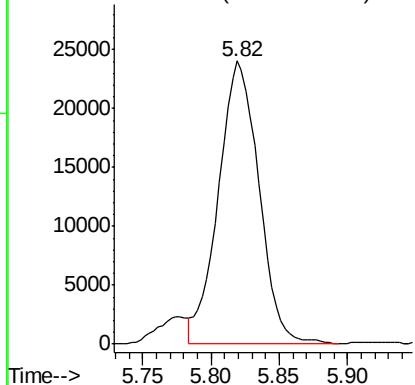
Tgt Ion: 78 Resp: 49610

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Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 1449.033 ug/L m

RT: 6.57 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VU035840.D

Acq: 25 Nov 2019 22:09

Tgt Ion: 95 Resp: 41840250

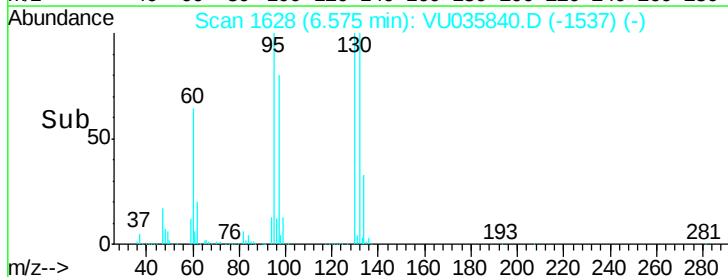
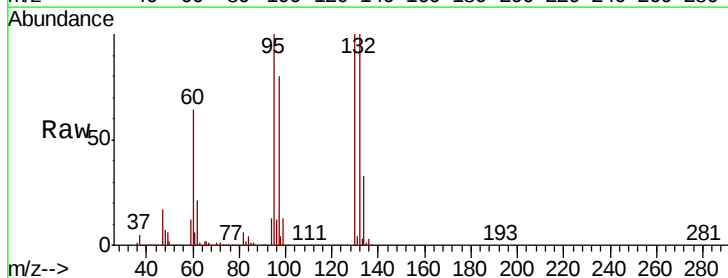
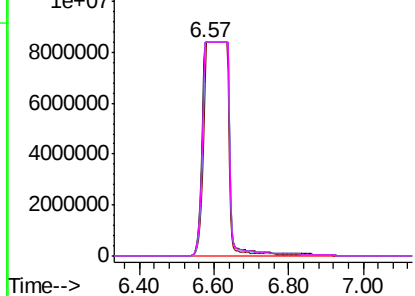
Ion	Ratio	Lower	Upper
95	100		
97	80.2	45.1	83.9
132	100.0	61.9	114.9
130	100.0	66.3	123.1

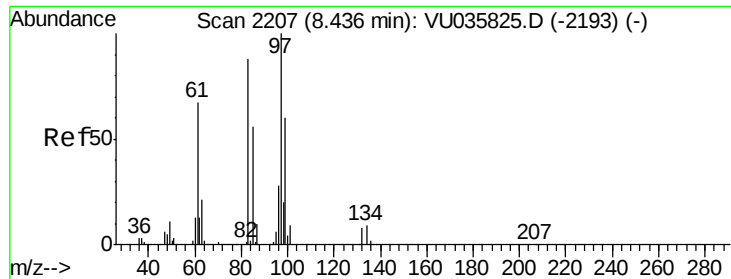
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





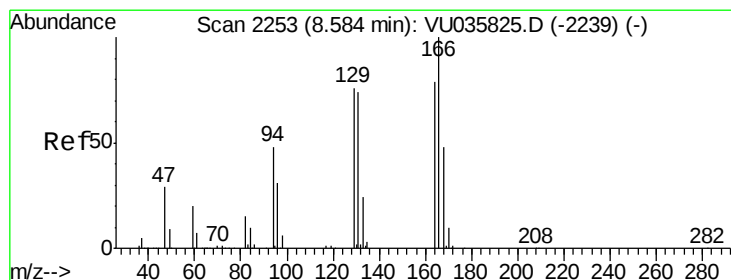
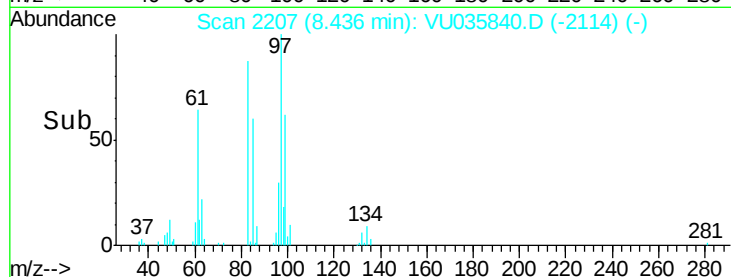
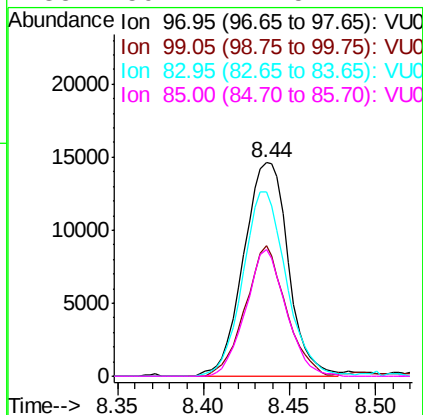
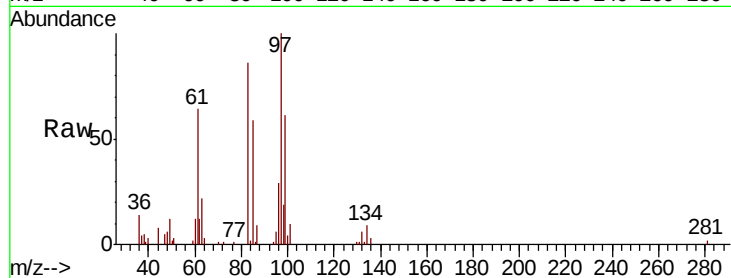
#45
1,1,2-Trichloroethane
Concen: 1.214 ug/L
RT: 8.44 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VU035840.D
Acq: 25 Nov 2019 22:09

Instrument :
MSVOA_U
ClientSampleId :
GARF2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		26413		
99	61.2	44.2	82.0		
83	86.3	62.2	115.6		
85	59.4	41.5	77.1		

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#47
Tetrachloroethene
Concen: 6.386 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035840.D
Acq: 25 Nov 2019 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		140320		
129	100.4	68.8	127.8		
131	94.1	67.3	124.9		
166	125.0	91.6	170.2		

