

Data File : VU035732.D
Acq On : 15 Nov 2019 17:31
Operator : JC/SP
Sample : K5856-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQH2

Quant Time: Nov 16 01:42:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	218590	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	252096	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99410	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89614	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.93	69	88414	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.59	63	119816	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.71	46	254826	51.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	5.11	84	165985	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.75	65	95320	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.77	84	333594	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.74	67	120210	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.93	98	270516	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
43) trans-1,3-Dichloropropene-	8.21	79	40100	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.68	63	169265	42.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.30%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102271	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	99511	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

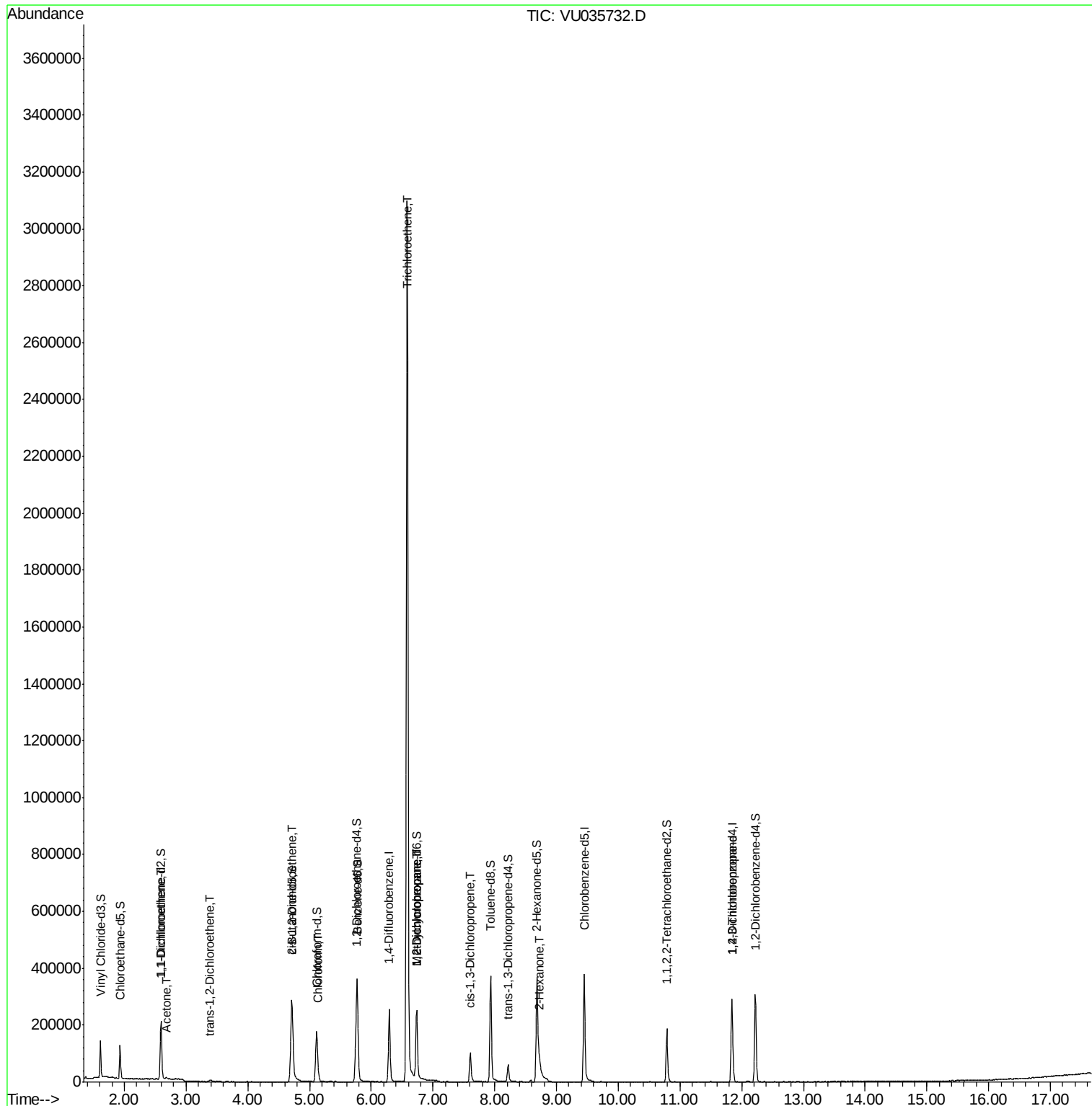
					Qvalue
12) 1,1-Dichloroethene	2.61	96	6360	0.331 ug/L #	1
13) Acetone	2.68	43	7571	2.114 ug/L	95
18) trans-1,2-Dichloroethene	3.39	96	2243	0.113 ug/L	91
22) cis-1,2-Dichloroethene	4.72	96	89408	4.091 ug/L	97
25) Chloroform	5.14	83	16157	0.404 ug/L	99
34) Trichloroethene	6.58	95	1084749	47.776 ug/L	99
35) Methylcyclohexane	6.74	83	27181	0.786 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	12043	0.515 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2547	0.076 ug/L #	57
48) 2-Hexanone	8.73	43	21911	2.294 ug/L #	88
59) 1,2,3-Trichloropropane	11.84	75	11600	0.750 ug/L	99

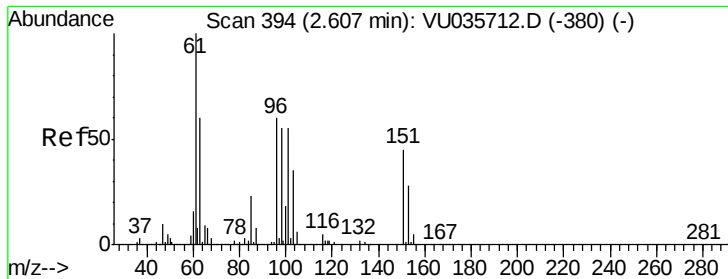
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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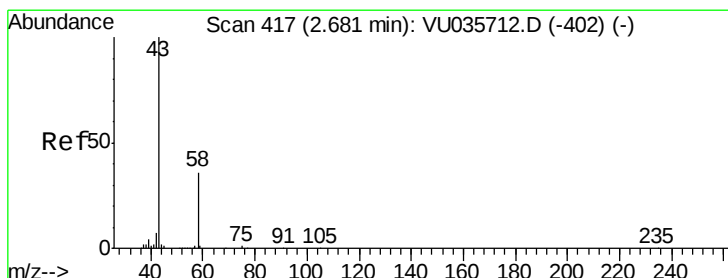
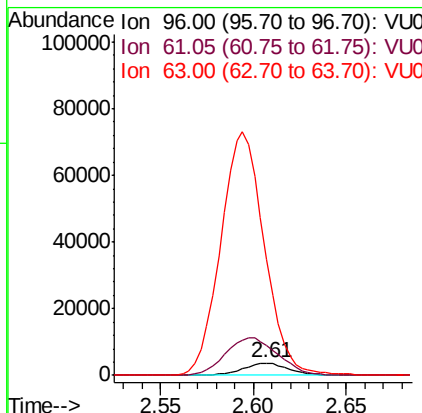
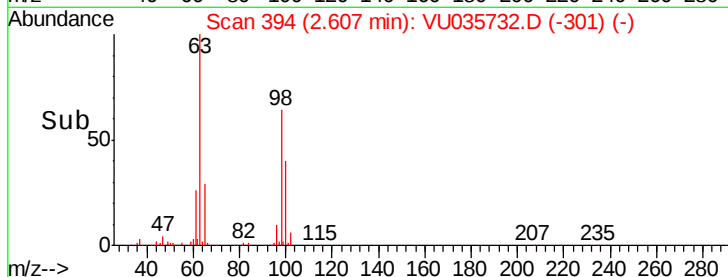
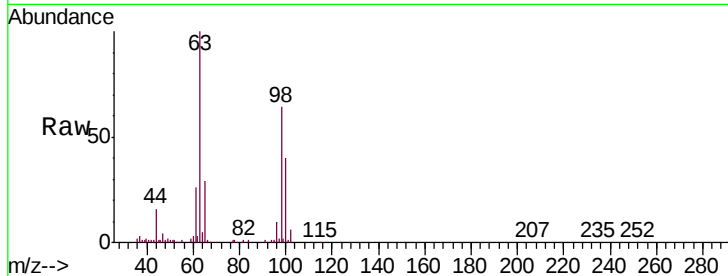




#12
 1,1-Dichloroethene
 Concen: 0.331 ug/L
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU035732.D
 Acq: 15 Nov 2019 17:31

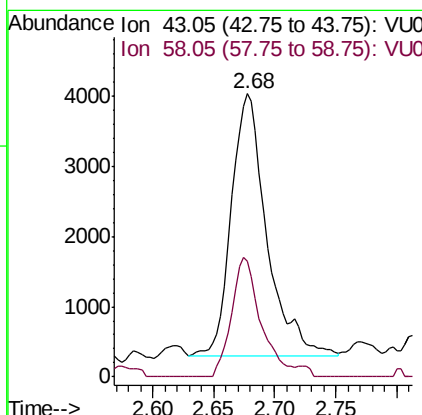
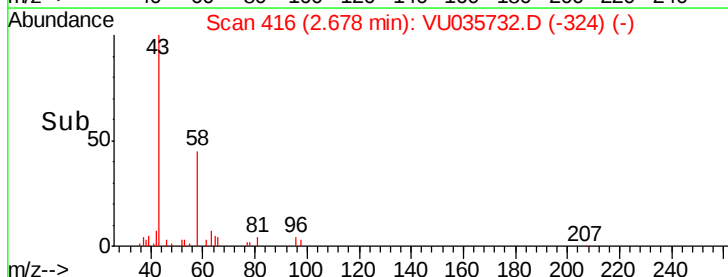
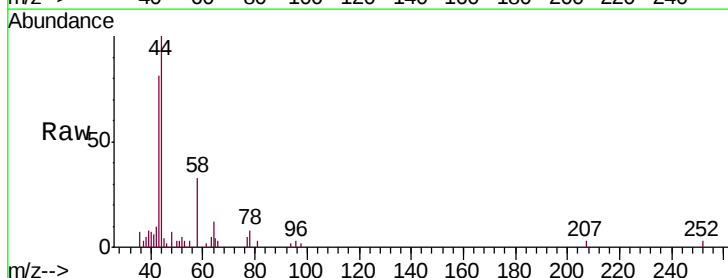
Instrument :
 MSVOA_U
 ClientSampleId :
 GAQH2

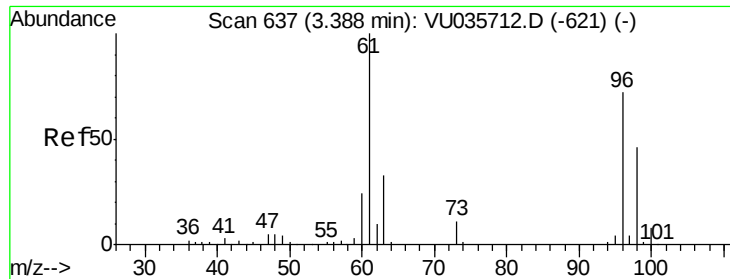
Tgt Ion: 96 Resp: 6360
 Ion Ratio Lower Upper
 96 100
 61 246.7 123.1 228.5#
 63 954.7 87.8 163.0#



#13
 Acetone
 Concen: 2.114 ug/L
 RT: 2.68 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VU035732.D
 Acq: 15 Nov 2019 17:31

Tgt Ion: 43 Resp: 7571
 Ion Ratio Lower Upper
 43 100
 58 37.7 0.0 69.8

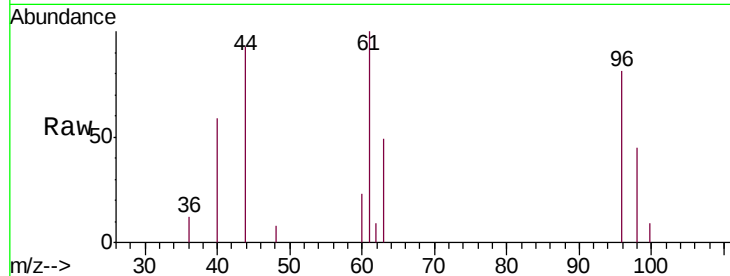




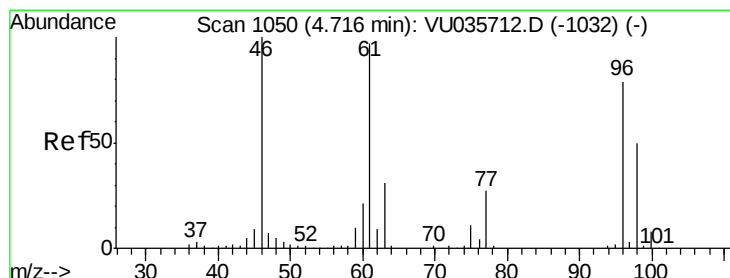
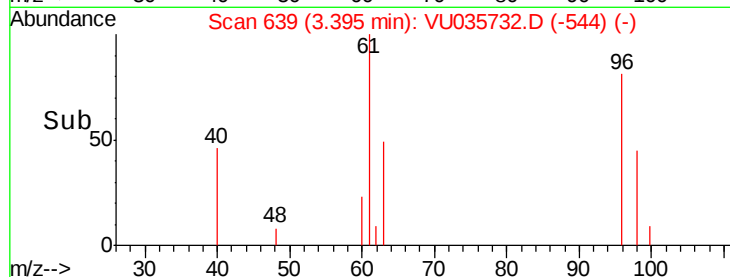
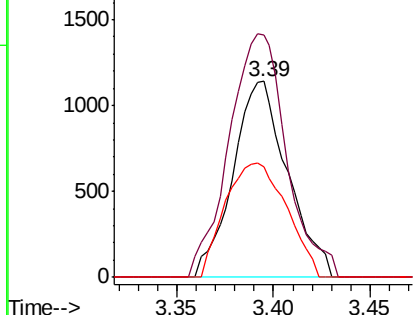
#18
 trans-1,2-Dichloroethene
 Concen: 0.113 ug/L
 RT: 3.39 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VU035732.D
 Acq: 15 Nov 2019 17:31

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQH2

Tgt Ion: 96 Resp: 2243
 Ion Ratio Lower Upper
 96 100
 61 123.8 95.0 176.4
 98 56.3 42.5 78.9

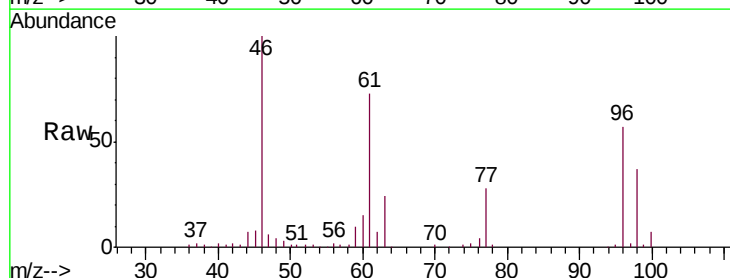


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 97.95 (97.65 to 98.65): VU0

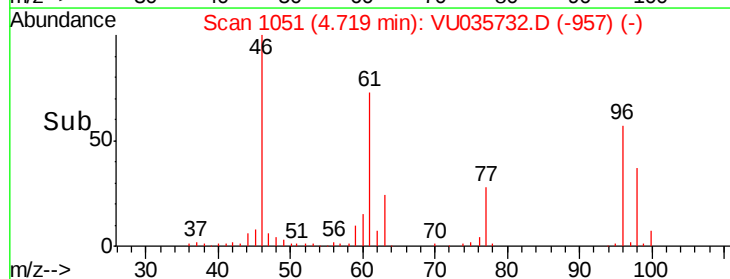
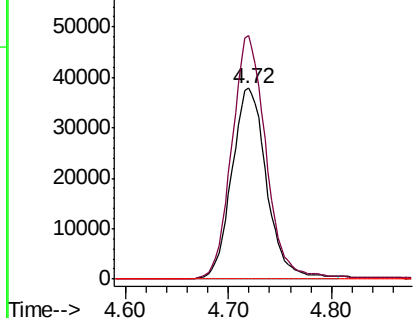


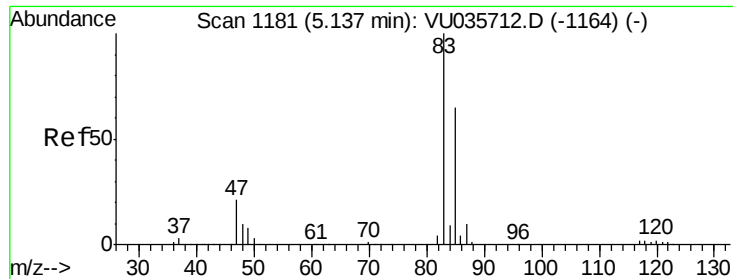
#22
 cis-1,2-Dichloroethene
 Concen: 4.091 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035732.D
 Acq: 15 Nov 2019 17:31

Tgt Ion: 96 Resp: 89408
 Ion Ratio Lower Upper
 96 100
 61 127.5 87.0 161.6
 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

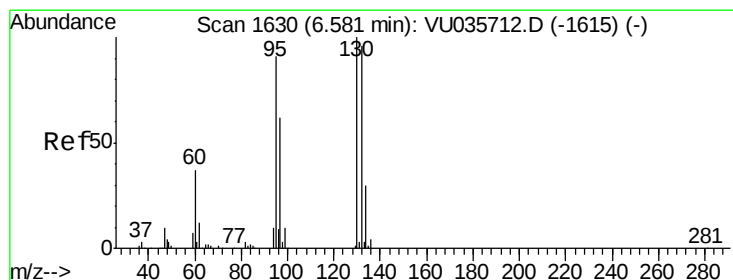
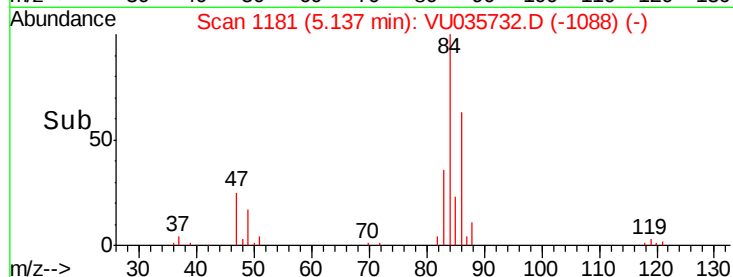
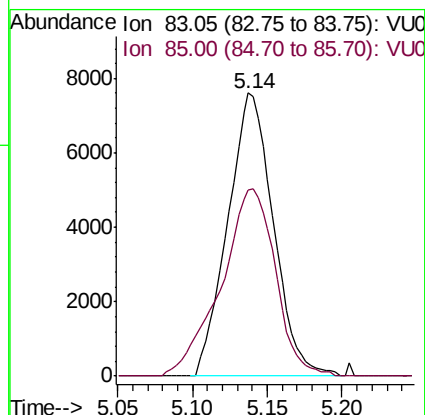
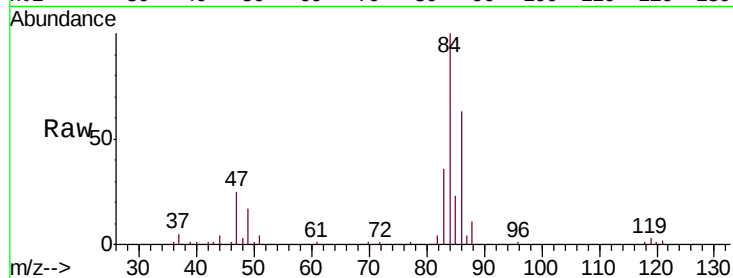




#25
Chloroform
Concen: 0.404 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035732.D
Acq: 15 Nov 2019 17:31

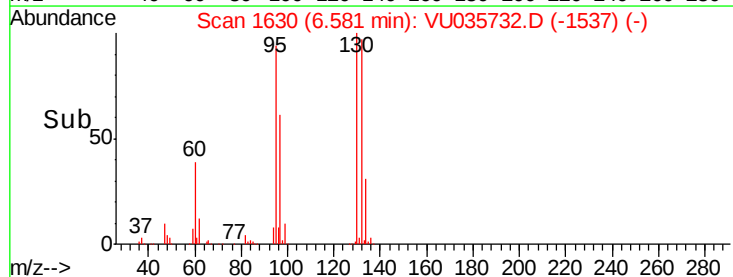
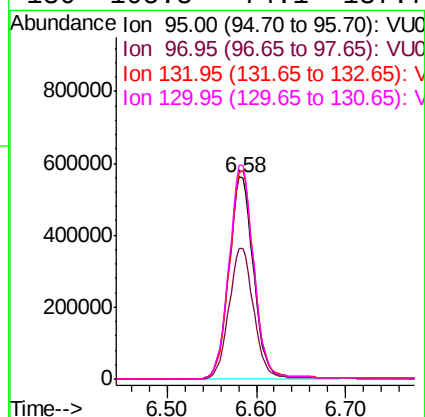
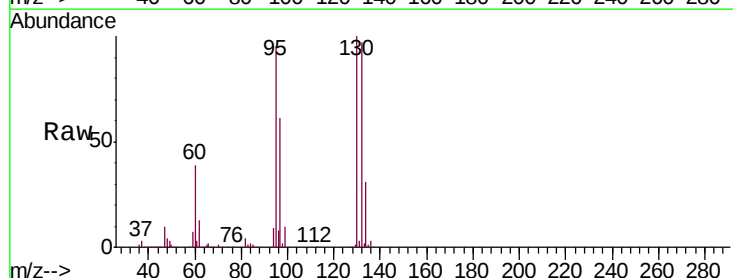
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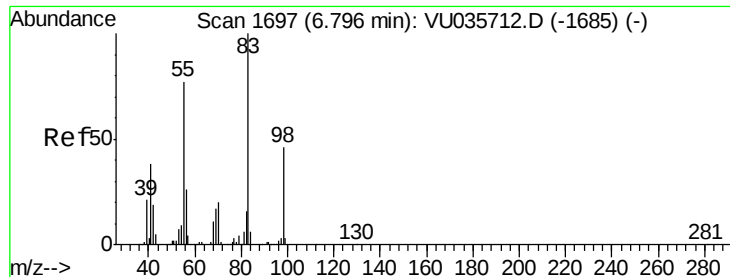
Tgt Ion: 83 Resp: 16157
Ion Ratio Lower Upper
83 100
85 65.7 45.4 84.2



#34
Trichloroethene
Concen: 47.776 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035732.D
Acq: 15 Nov 2019 17:31

Tgt Ion: 95 Resp: 1084749
Ion Ratio Lower Upper
95 100
97 64.7 44.5 82.7
132 102.1 69.9 129.7
130 105.8 74.1 137.7

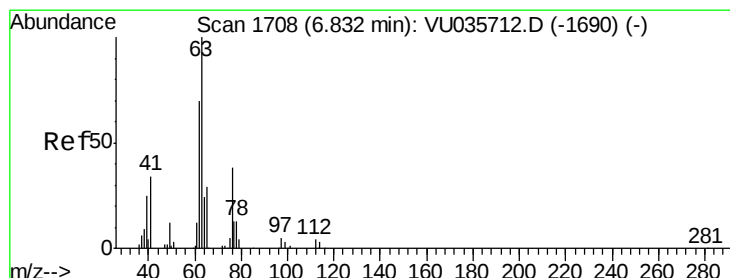
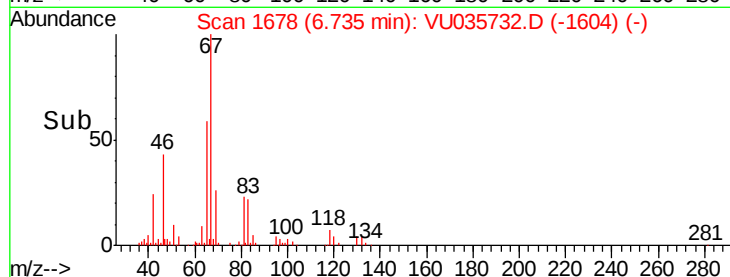
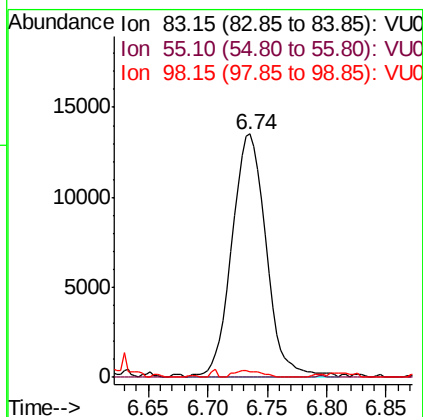
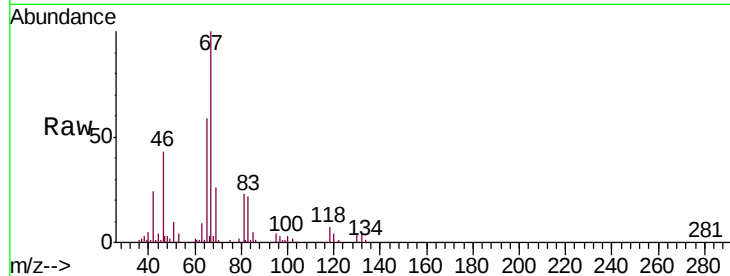




#35
Methylcyclohexane
Concen: 0.786 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035732.D
Acq: 15 Nov 2019 17:31

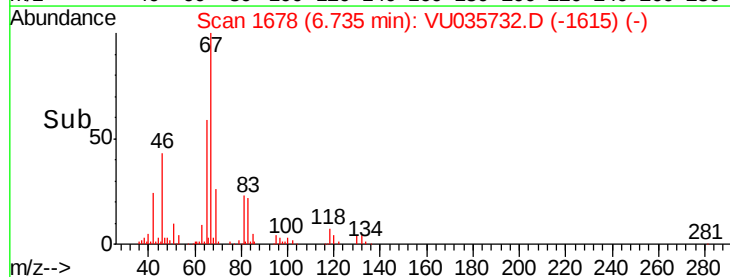
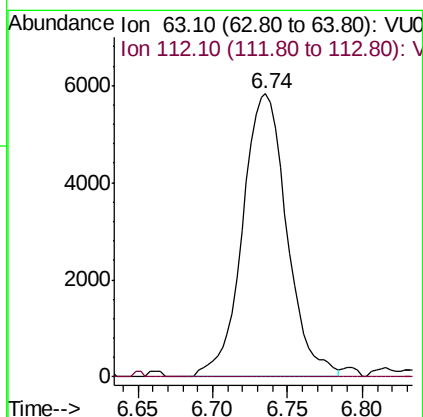
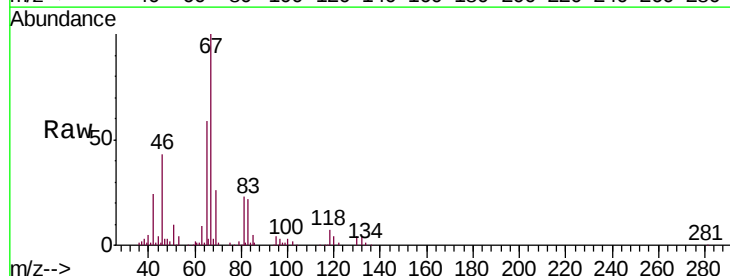
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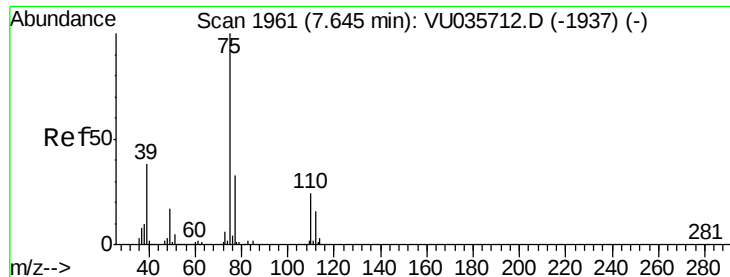
Tgt Ion: 83 Resp: 27181
Ion Ratio Lower Upper
83 100
55 0.2 62.6 93.8#
98 0.0 37.2 55.8#



#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035732.D
Acq: 15 Nov 2019 17:31

Tgt Ion: 63 Resp: 12043
Ion Ratio Lower Upper
63 100
112 0.4 3.4 5.2#

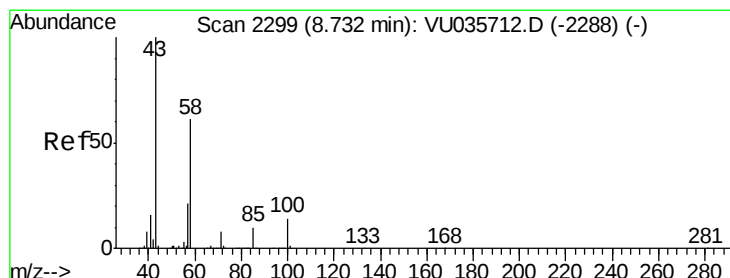
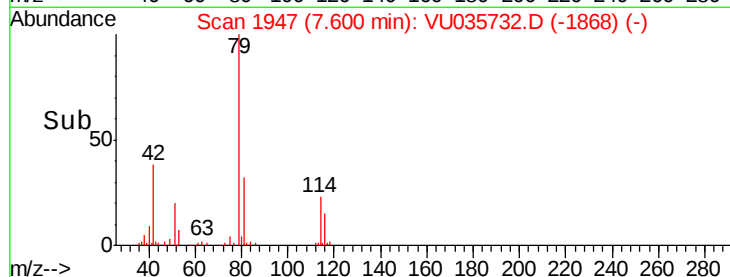
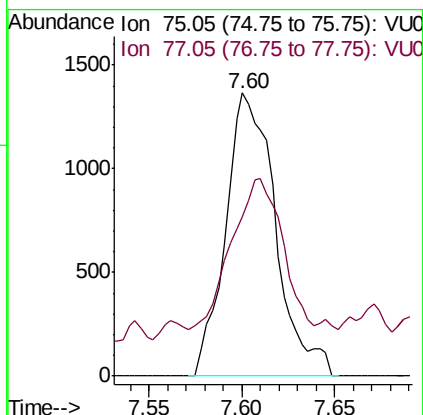
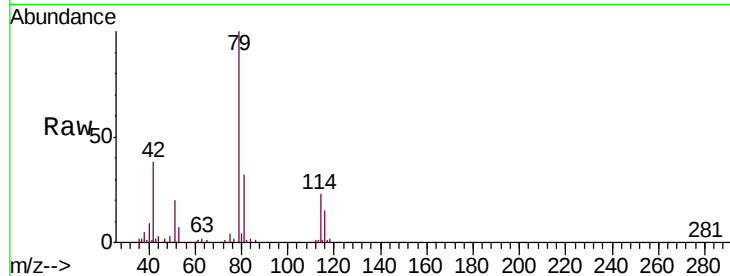




#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU035732.D
 Acq: 15 Nov 2019 17:31

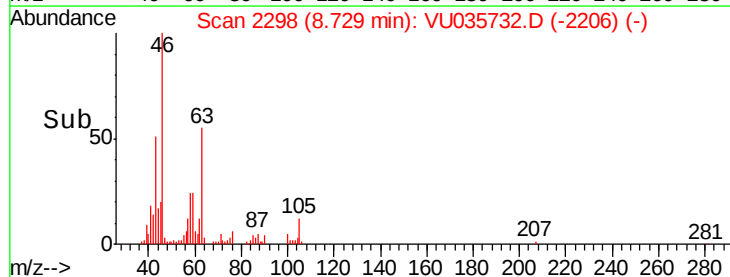
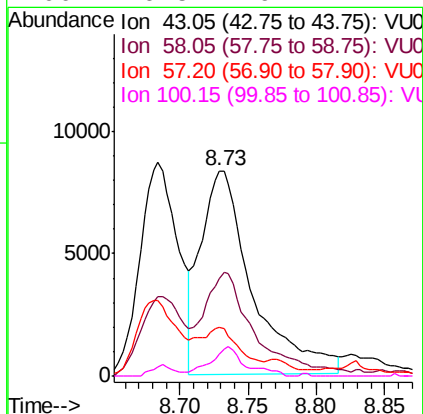
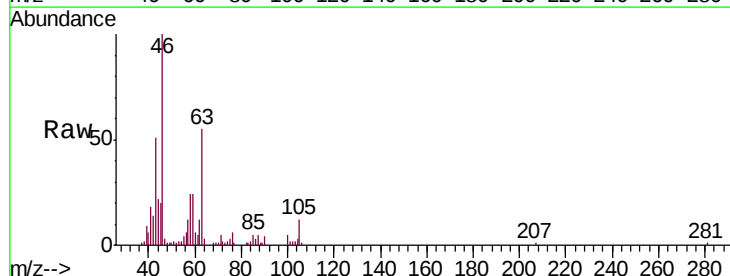
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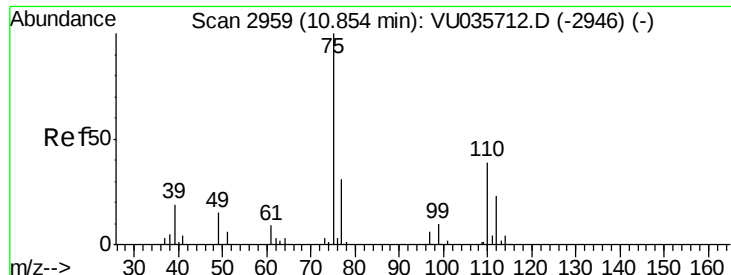
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 Ion Ratio Lower Upper
 75 100
 77 56.2 22.5 41.7#



#48
 2-Hexanone
 Concen: 2.294 ug/L
 RT: 8.73 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VU035732.D
 Acq: 15 Nov 2019 17:31

Tgt Ion: 43 Resp: 21911
 Ion Ratio Lower Upper
 43 100
 58 45.6 44.1 66.1
 57 15.9 15.1 22.7
 100 6.5 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.750 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.98 min

Lab File: VU035732.D

Acq: 15 Nov 2019 17:31

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 11600

Ion Ratio Lower Upper

75 100

77 32.9 26.8 40.2

