

Data File : VU035729.D
Acq On : 15 Nov 2019 16:17
Operator : JC/SP
Sample : K5856-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQG9

Quant Time: Nov 16 01:42:00 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	205536	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	234652	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	93008	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85778	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.93	69	81470	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.59	63	111112	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.70	46	242827	51.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.98%
24) Chloroform-d	5.11	84	160560	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.75	65	88216	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.77	84	309083	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.73	67	112251	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.93	98	257115	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	8.22	79	37460	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.68	63	165839	44.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.74%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96240	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	90669	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

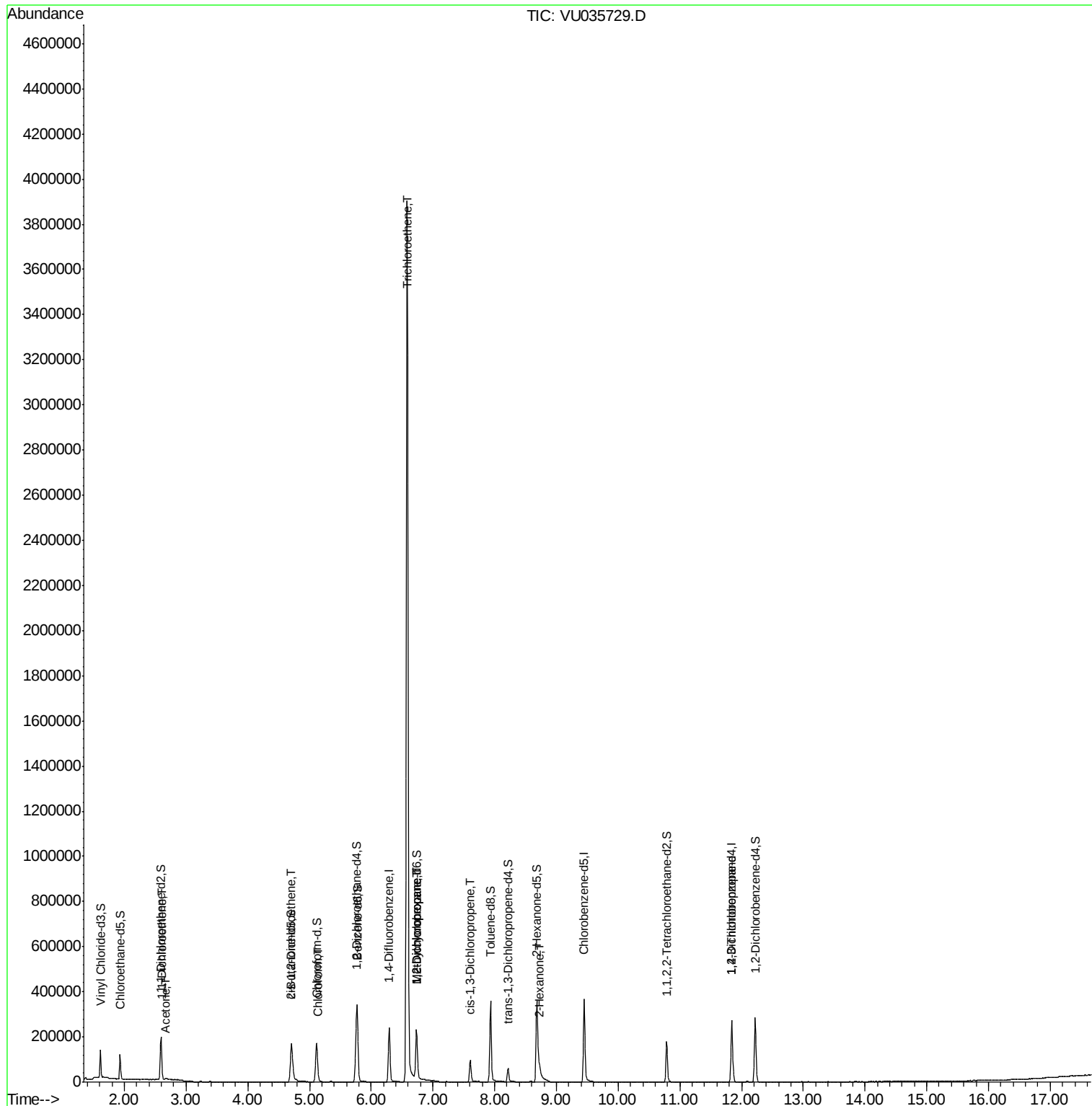
					Qvalue
12) 1,1-Dichloroethene	2.61	96	4200	0.232 ug/L #	1
13) Acetone	2.67	43	9669	2.871 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	16462	0.801 ug/L	91
25) Chloroform	5.14	83	9427	0.251 ug/L	95
34) Trichloroethene	6.58	95	1369678	64.810 ug/L	97
35) Methylcyclohexane	6.74	83	25124	0.780 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11023	0.507 ug/L #	88
39) cis-1,3-Dichloropropene	7.61	75	2572	0.083 ug/L #	45
48) 2-Hexanone	8.73	43	18057	2.031 ug/L #	88
59) 1,2,3-Trichloropropane	11.84	75	10052	0.699 ug/L	94

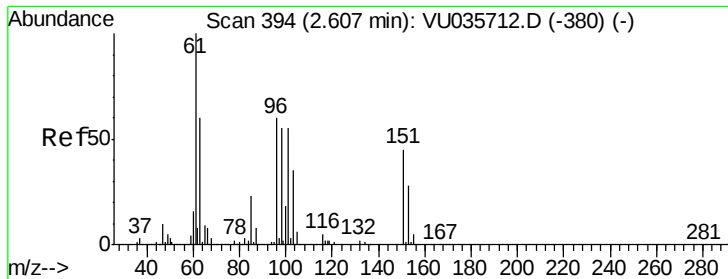
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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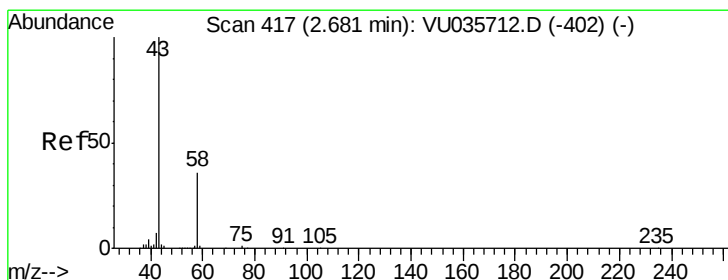
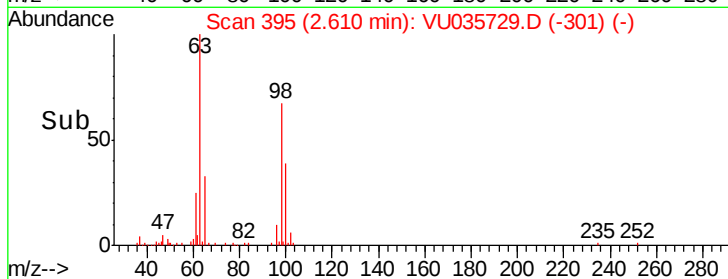
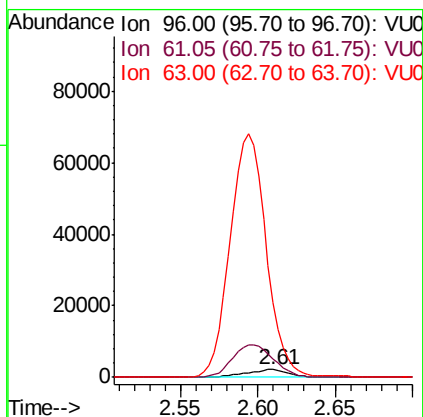
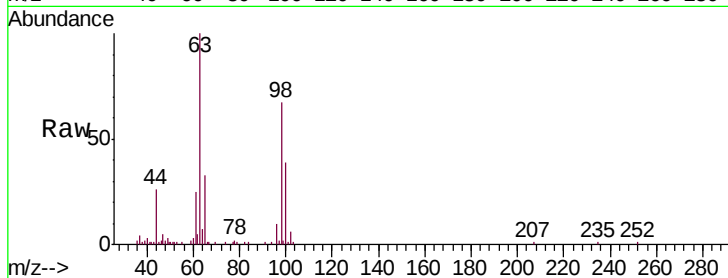




#12
 1,1-Dichloroethene
 Concen: 0.232 ug/L
 RT: 2.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: VU035729.D
 Acq: 15 Nov 2019 16:17

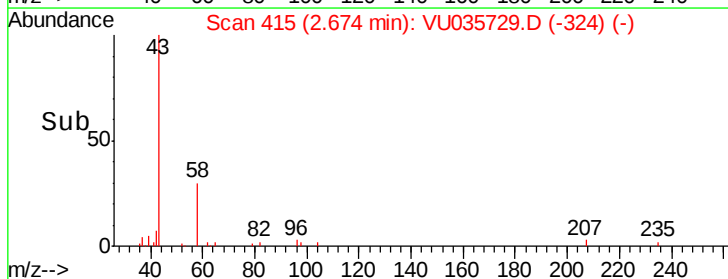
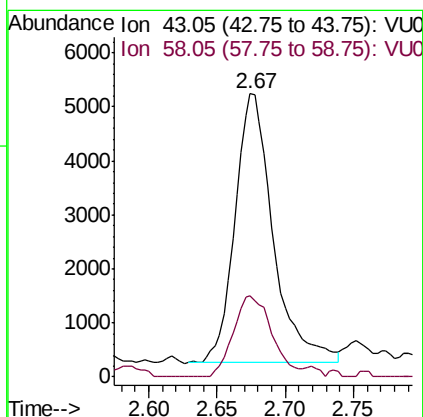
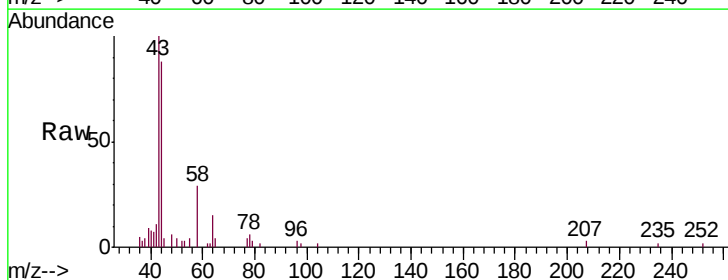
Instrument :
 MSVOA_U
 ClientSampleId :
 GAQG9

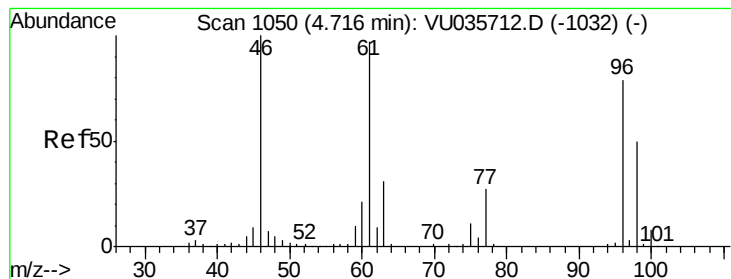
Tgt Ion: 96 Resp: 4200
 Ion Ratio Lower Upper
 96 100
 61 246.4 123.1 228.5#
 63 983.6 87.8 163.0#



#13
 Acetone
 Concen: 2.871 ug/L
 RT: 2.67 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: VU035729.D
 Acq: 15 Nov 2019 16:17

Tgt Ion: 43 Resp: 9669
 Ion Ratio Lower Upper
 43 100
 58 30.7 0.0 69.8





#22

cis-1,2-Dichloroethene

Concen: 0.801 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU035729.D

Acq: 15 Nov 2019 16:17

Instrument :

MSVOA_U

ClientSampleId :

GAQG9

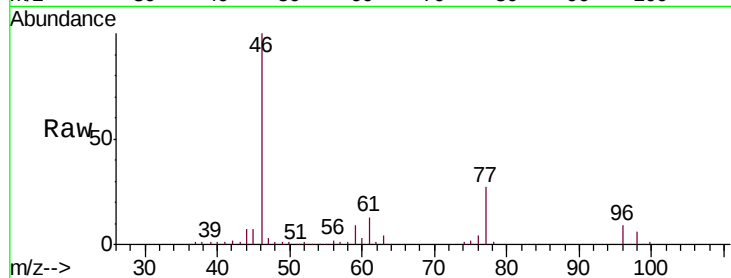
Tgt Ion: 96 Resp: 16462

Ion Ratio Lower Upper

96 100

61 134.5 87.0 161.6

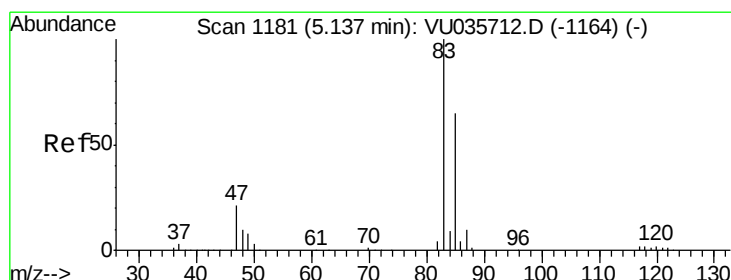
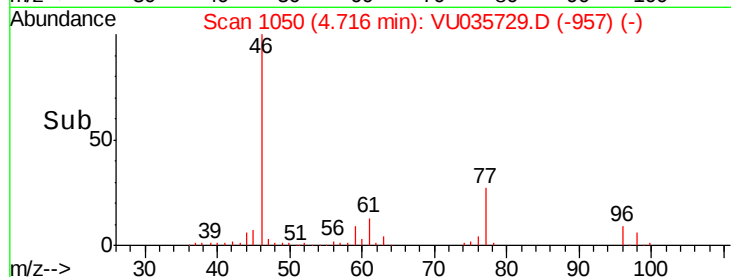
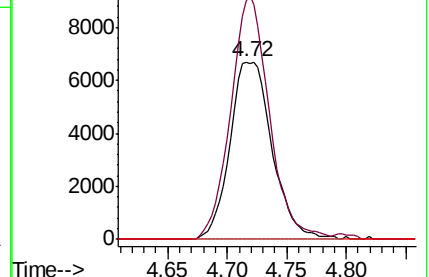
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035712.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU035712.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU035712.D (-1032) (-)



#25

Chloroform

Concen: 0.251 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035729.D

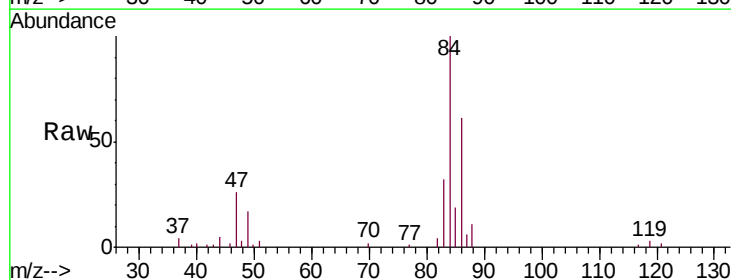
Acq: 15 Nov 2019 16:17

Tgt Ion: 83 Resp: 9427

Ion Ratio Lower Upper

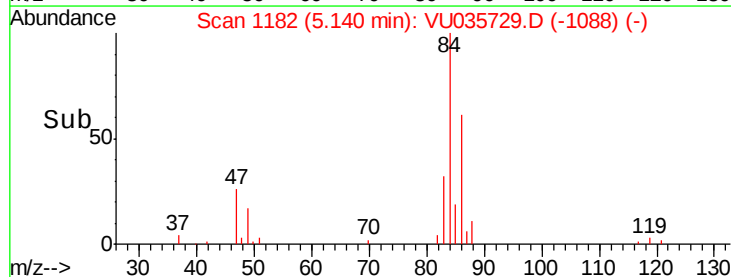
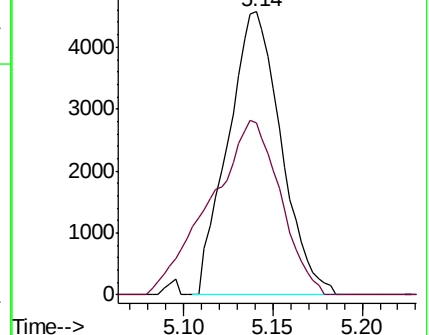
83 100

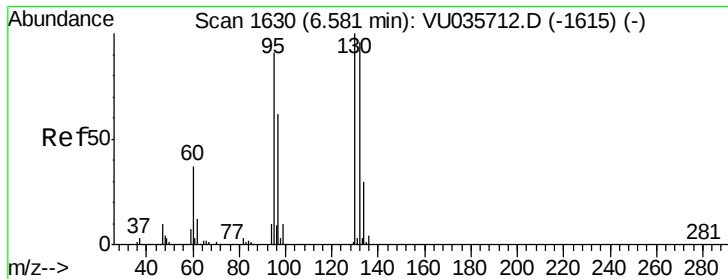
85 60.7 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU035712.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU035712.D (-1164) (-)





#34

Trichloroethene

Concen: 64.810 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035729.D

Acq: 15 Nov 2019 16:17

Instrument :

MSVOA_U

ClientSampleId :

GAQG9

Tgt Ion: 95 Resp: 1369678

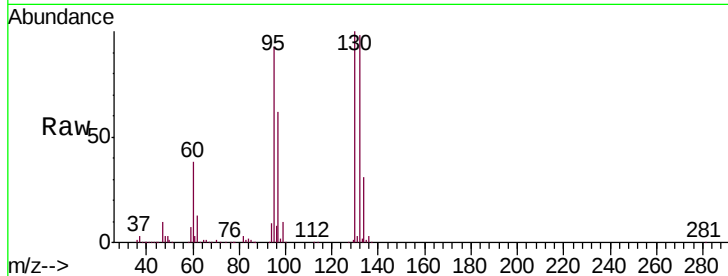
Ion Ratio Lower Upper

95 100

97 65.9 44.5 82.7

132 104.8 69.9 129.7

130 107.1 74.1 137.7

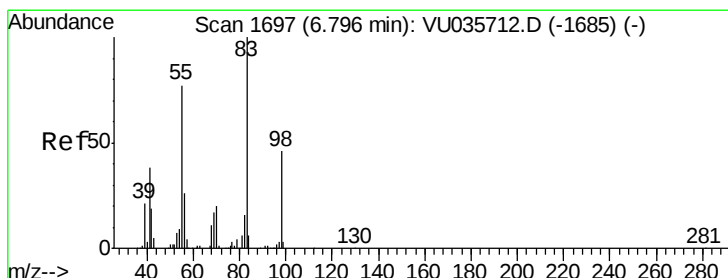
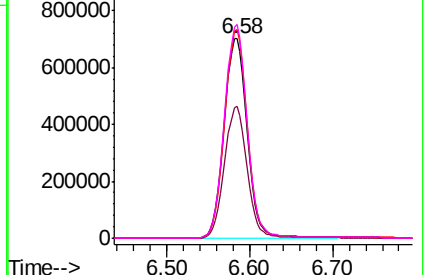
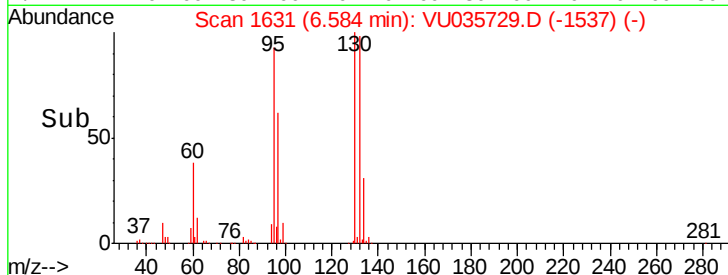


Abundance Ion 95.00 (94.70 to 95.70): VU035712.D (-1615) (-)

Ion 96.95 (96.65 to 97.65): VU035712.D (-1615) (-)

Ion 131.95 (131.65 to 132.65): VU035712.D (-1615) (-)

Ion 129.95 (129.65 to 130.65): VU035712.D (-1615) (-)



#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035729.D

Acq: 15 Nov 2019 16:17

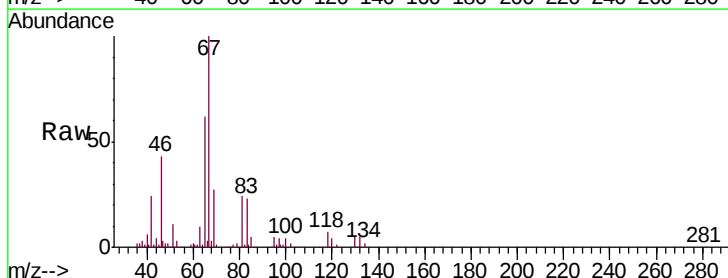
Tgt Ion: 83 Resp: 25124

Ion Ratio Lower Upper

83 100

55 0.4 62.6 93.8#

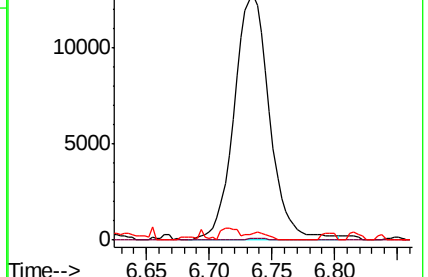
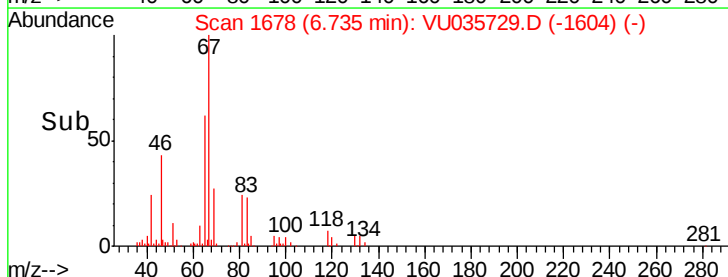
98 0.0 37.2 55.8#

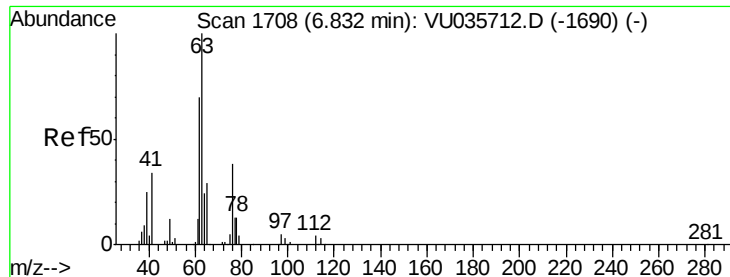


Abundance Ion 83.15 (82.85 to 83.85): VU035712.D (-1685) (-)

Ion 55.10 (54.80 to 55.80): VU035712.D (-1685) (-)

Ion 98.15 (97.85 to 98.85): VU035712.D (-1685) (-)

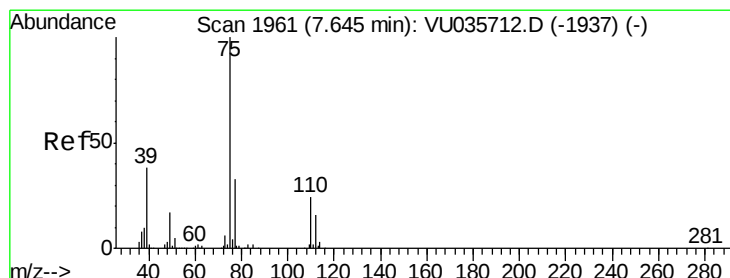
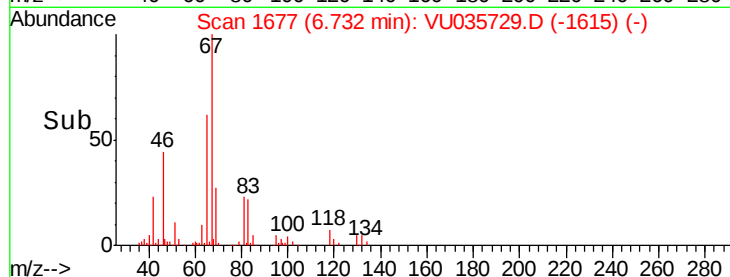
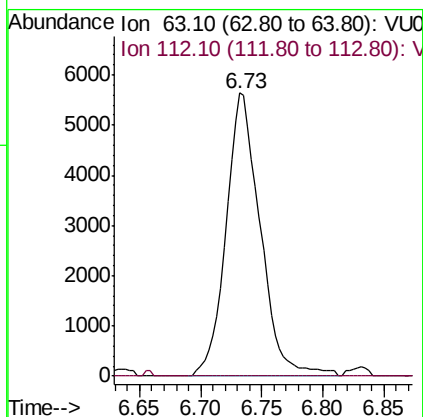
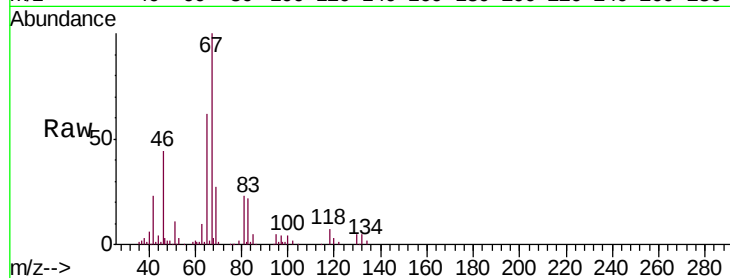




#37
 1,2-Dichloropropane
 Concen: 0.507 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035729.D
 Acq: 15 Nov 2019 16:17

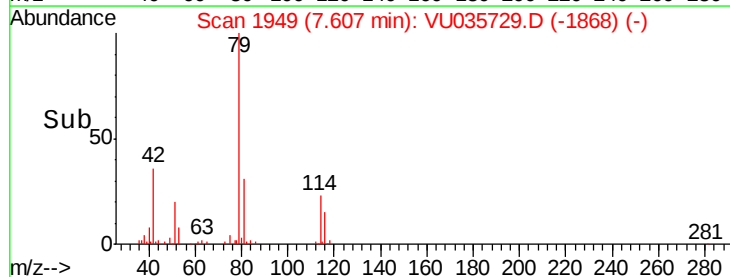
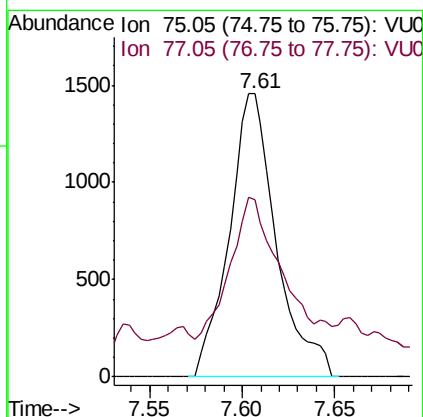
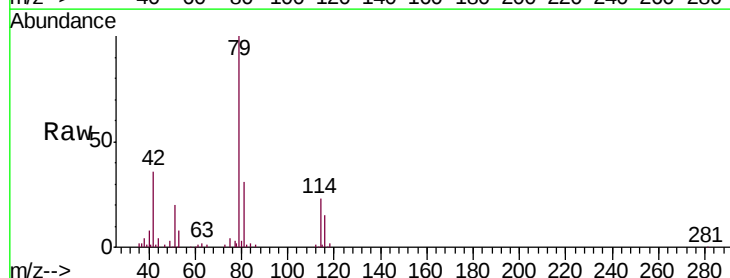
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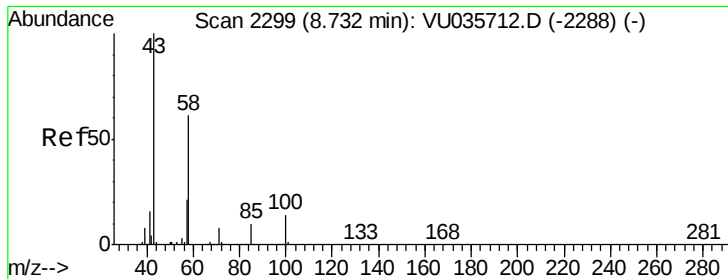
Tgt Ion: 63 Resp: 11023
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035729.D
 Acq: 15 Nov 2019 16:17

Tgt Ion: 75 Resp: 2572
 Ion Ratio Lower Upper
 75 100
 77 62.6 22.5 41.7#

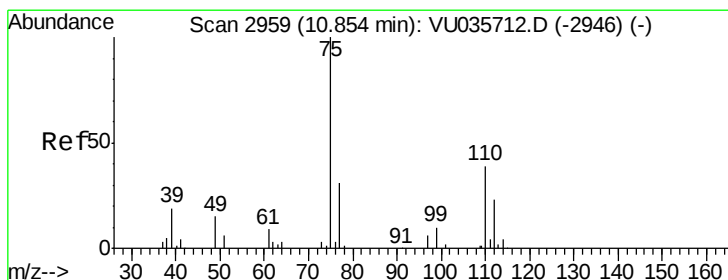
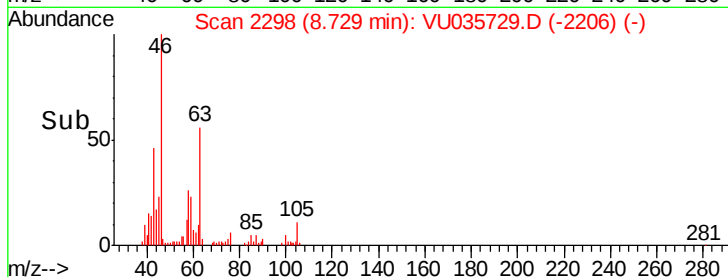
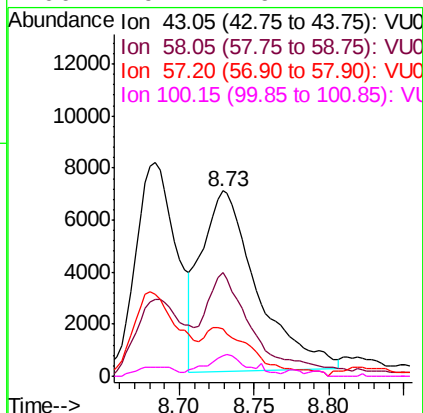
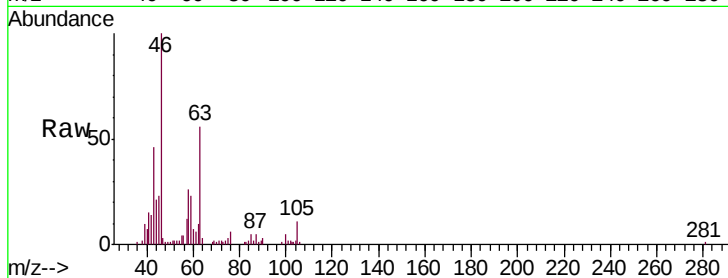




#48
2-Hexanone
Concen: 2.031 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VU035729.D
Acq: 15 Nov 2019 16:17

Instrument :
MSVOA_U
ClientSampled :
GAQG9

Tgt Ion: 43 Resp: 18057
Ion Ratio Lower Upper
43 100
58 45.4 44.1 66.1
57 24.1 15.1 22.7#
100 9.2 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.699 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.98 min
Lab File: VU035729.D
Acq: 15 Nov 2019 16:17

Tgt Ion: 75 Resp: 10052
Ion Ratio Lower Upper
75 100
77 36.7 26.8 40.2

