

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111819\
 Data File : VU035749.D
 Acq On : 18 Nov 2019 17:35
 Operator : JC/SP
 Sample : K5911-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:37:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 00:32:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	184242	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	219502	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	75361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	86189	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.93	69	82880	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.60	63	112416	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.70	46	237482	56.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.44%
24) Chloroform-d	5.11	84	156184	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.75	65	88007	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.77	84	319823	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.74	67	108485	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.93	98	250431	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	8.22	79	36626	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.70	63	161524	46.19	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.38%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92830	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	79144	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

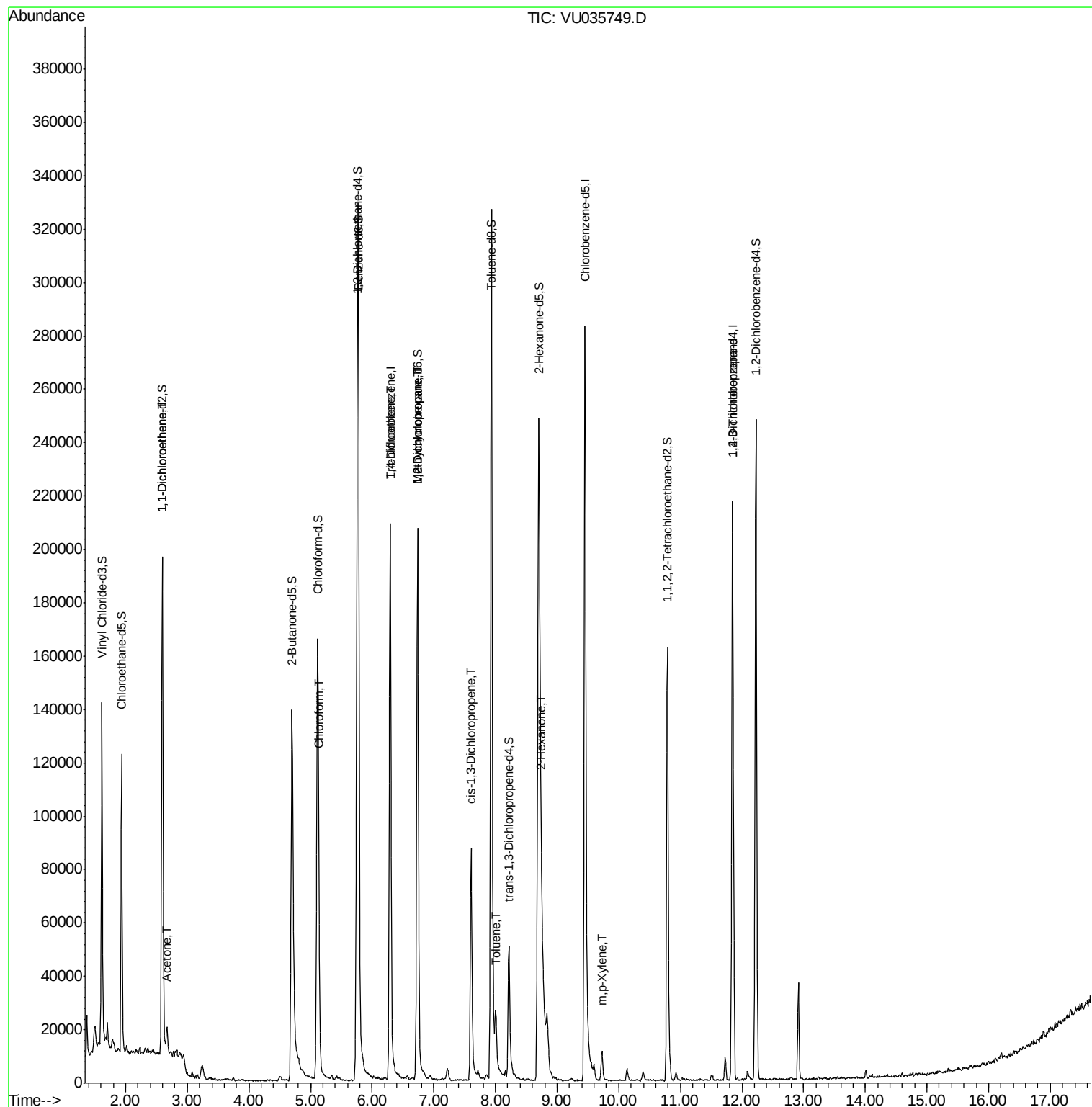
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1354	0.084	ug/L #	1
13) Acetone	2.67	43	10441	3.459	ug/L	99
25) Chloroform	5.14	83	18252	0.542	ug/L	99
34) Trichloroethene	6.30	95	3582	0.181	ug/L #	3
35) Methylcyclohexane	6.74	83	24571	0.816	ug/L #	18
37) 1,2-Dichloropropane	6.74	63	11406	0.560	ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2590	0.089	ug/L #	63
42) Toluene	8.01	91	15337	0.189	ug/L	99
48) 2-Hexanone	8.75	43	15976	1.921	ug/L #	69
53) m,p-Xylene	9.73	106	4067	0.126	ug/L	94
59) 1,2,3-Trichloropropane	11.84	75	7890	0.586	ug/L	91

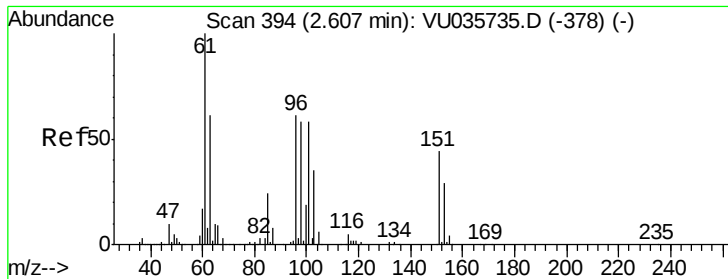
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035749.D

Acq: 18 Nov 2019 17:35

Instrument :

MSVOA_U

ClientSampled :

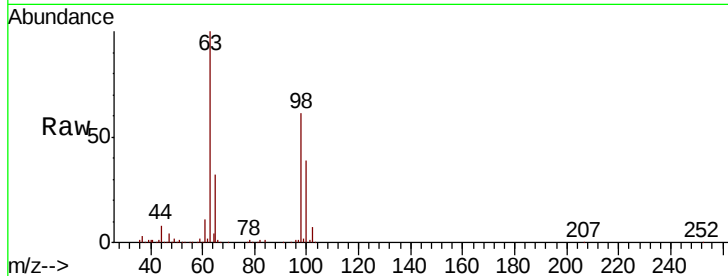
Tot Ion: 96 Resp: 1354

Ion Ratio Lower Upper

96 100

61 1033.2 123.1 228.5#

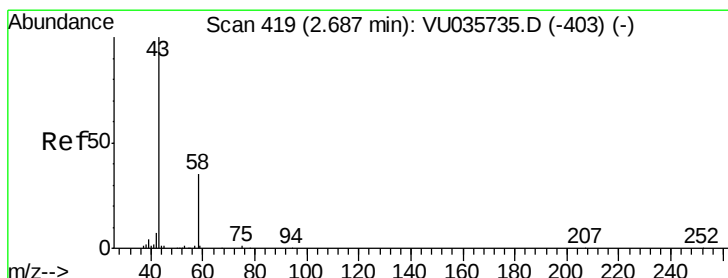
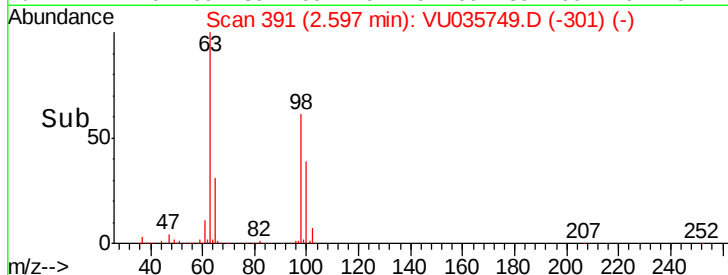
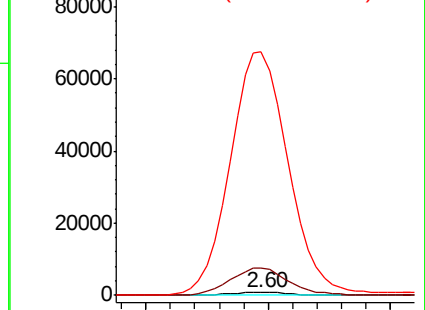
63 9090.0 87.8 163.0#



Abundance Ion 96.00 (95.70 to 96.70): VU035735.D (-378) (-)

Ion 61.05 (60.75 to 61.75): VU035735.D (-378) (-)

Ion 63.00 (62.70 to 63.70): VU035735.D (-378) (-)



#13

Acetone

Concen: 3.459 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU035749.D

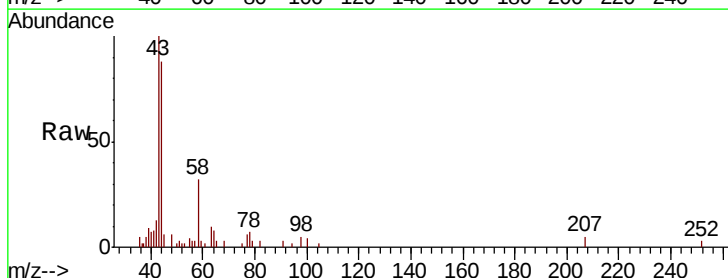
Acq: 18 Nov 2019 17:35

Tgt Ion: 43 Resp: 10441

Ion Ratio Lower Upper

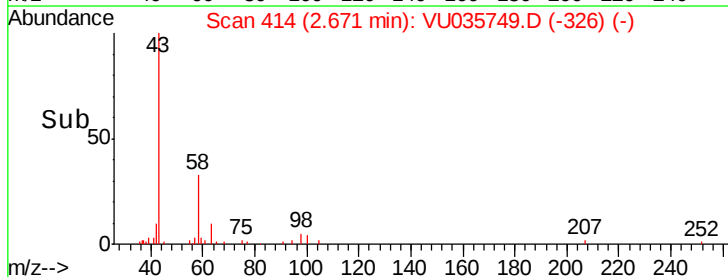
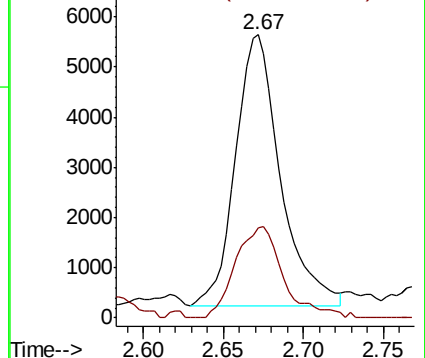
43 100

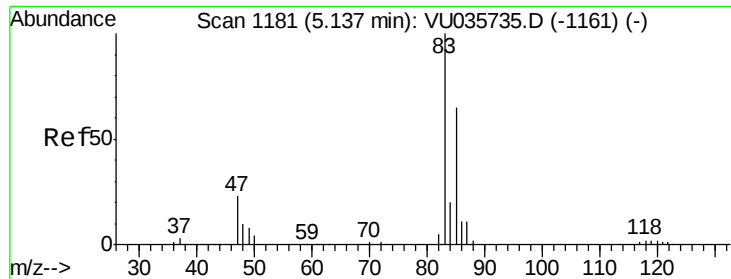
58 35.8 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035735.D (-403) (-)

Ion 58.05 (57.75 to 58.75): VU035735.D (-403) (-)

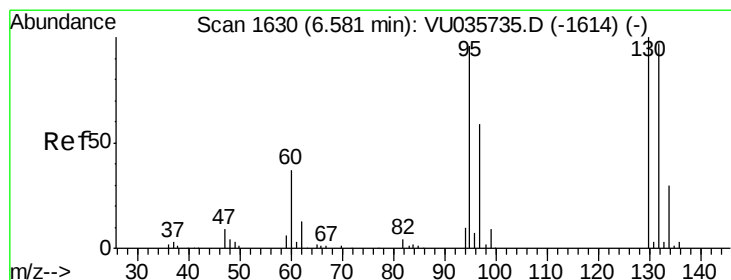
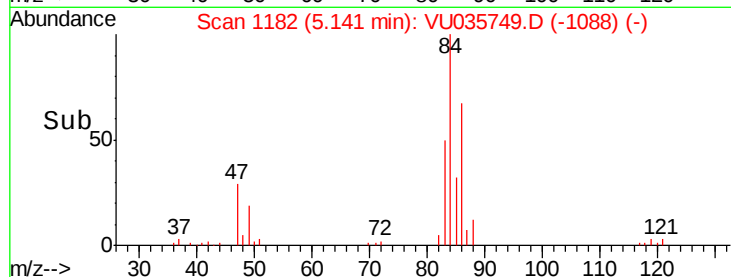
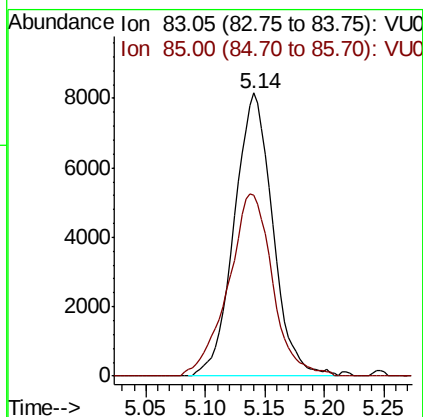
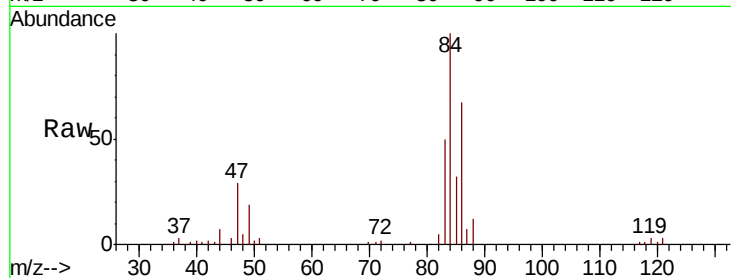




#25
Chloroform
Concen: 0.542 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035749.D
Acq: 18 Nov 2019 17:35

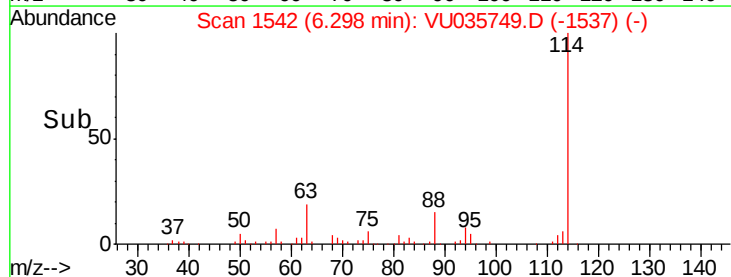
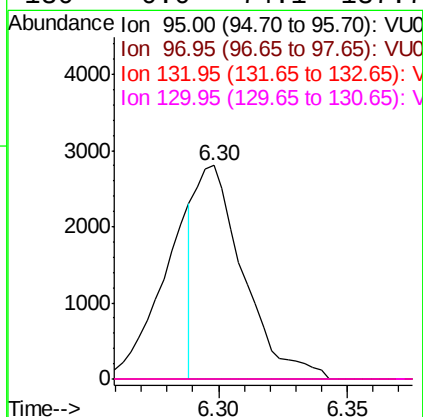
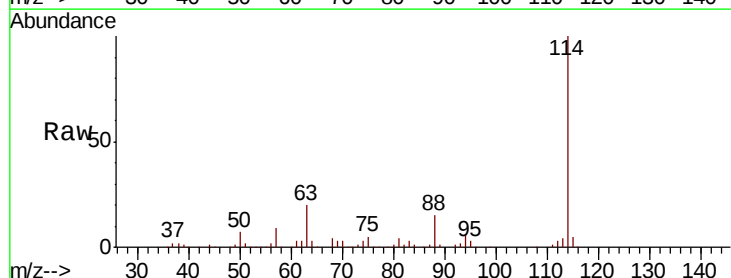
Instrument :
MSVOA_U
ClientSampleId :

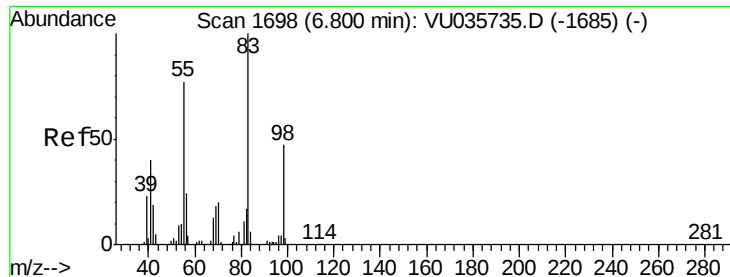
Tot Ion: 83 Resp: 18252
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.2



#34
Trichloroethene
Concen: 0.181 ug/L
RT: 6.30 min Scan# 1542
Delta R.T. -0.28 min
Lab File: VU035749.D
Acq: 18 Nov 2019 17:35

Tgt Ion: 95 Resp: 3582
Ion Ratio Lower Upper
95 100
97 0.0 44.5 82.7#
132 0.0 69.9 129.7#
130 0.0 74.1 137.7#

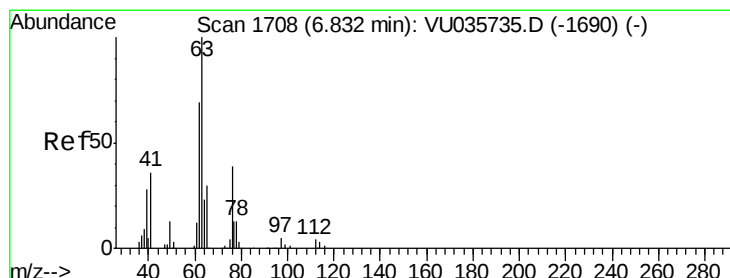
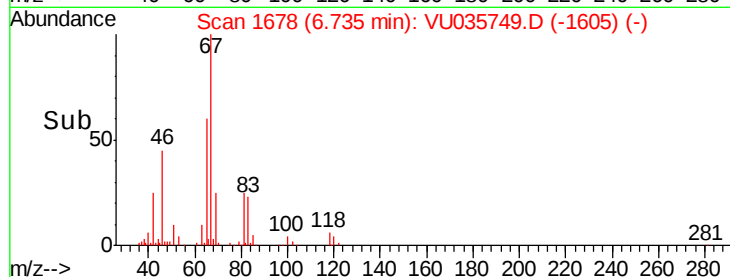
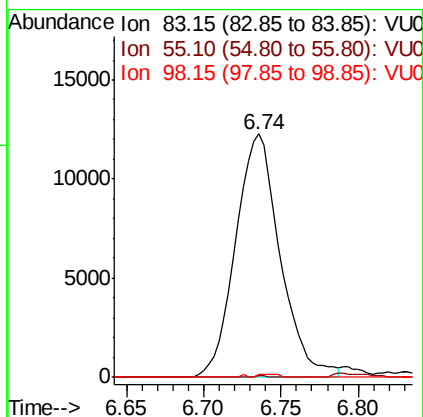
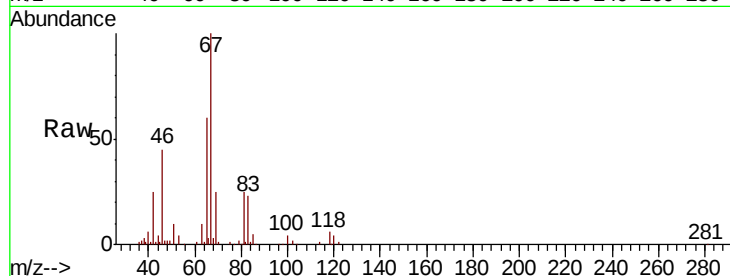




#35
Methvlcvclohexane
Concen: 0.816 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035749.D
Acq: 18 Nov 2019 17:35

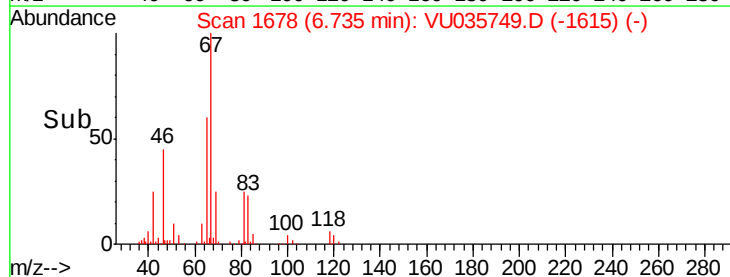
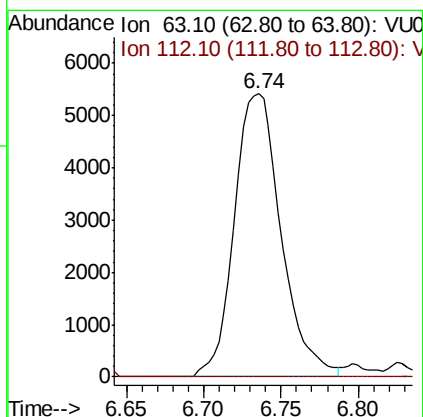
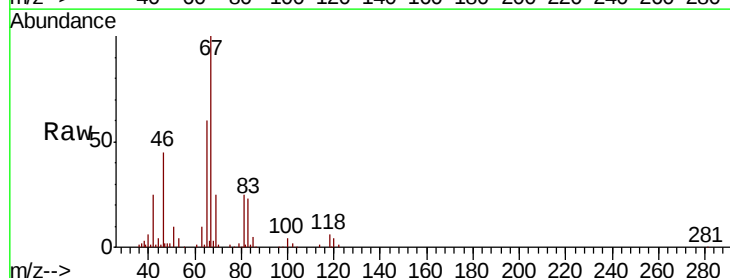
Instrument :
MSVOA_U
ClientSampleId :

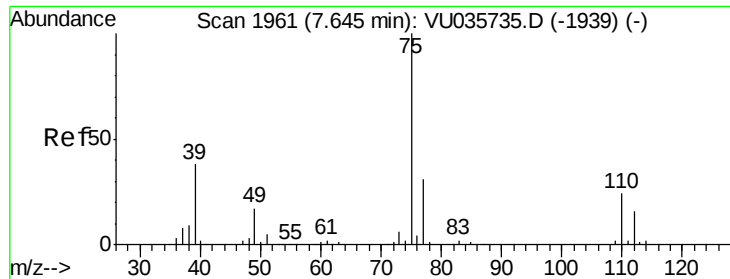
Tot Ion: 83 Resp: 24571
Ion Ratio Lower Upper
83 100
55 0.2 62.6 93.8#
98 0.6 37.2 55.8#



#37
1,2-Dichloropropane
Concen: 0.560 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035749.D
Acq: 18 Nov 2019 17:35

Tgt Ion: 63 Resp: 11406
Ion Ratio Lower Upper
63 100
112 0.2 3.4 5.2#

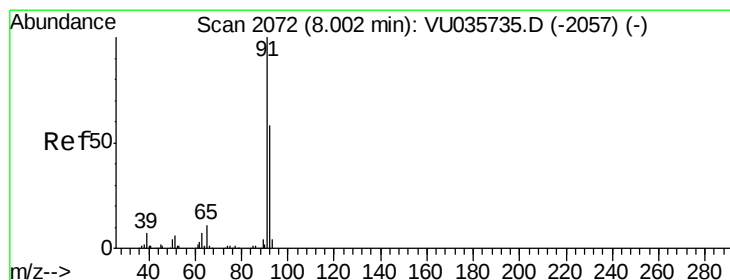
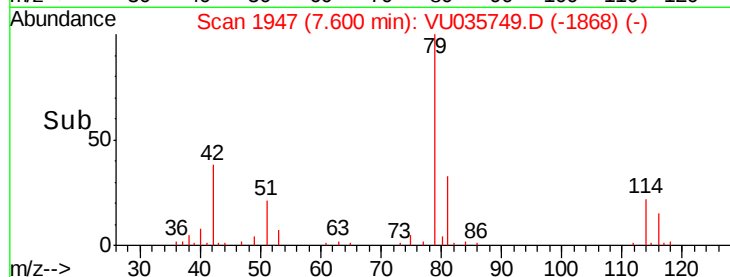
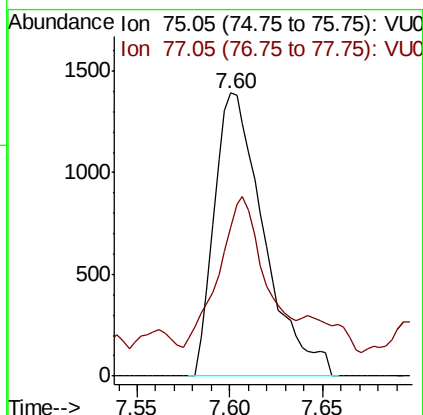
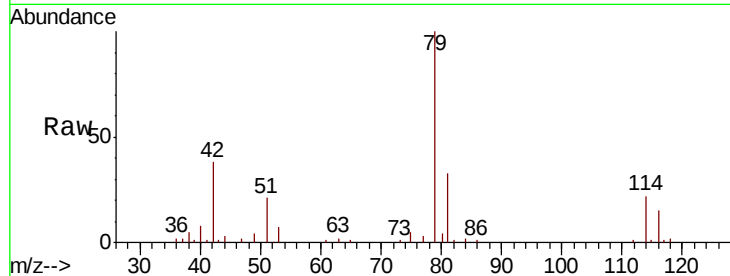




#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.05 min
 Lab File: VU035749.D
 Acq: 18 Nov 2019 17:35

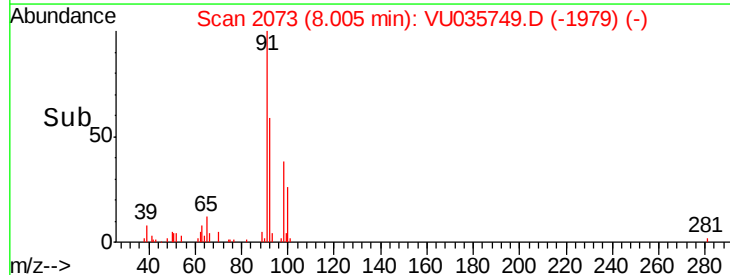
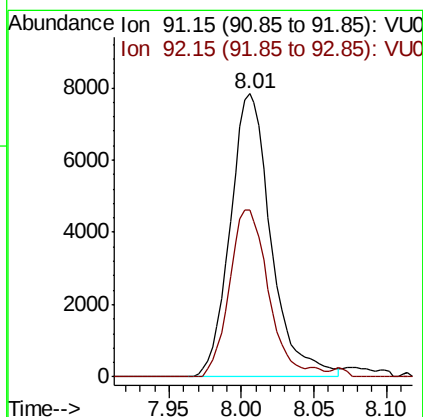
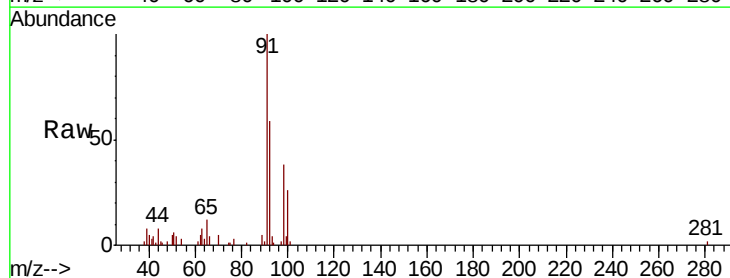
Instrument :
 MSVOA_U
 ClientSampleId :

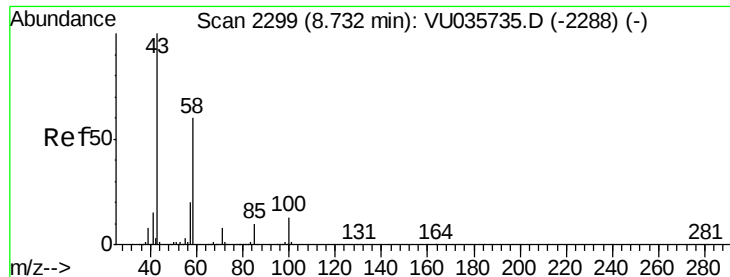
Tot Ion: 75 Resp: 2590
 Ion Ratio Lower Upper
 75 100
 77 52.7 22.5 41.7#



#42
 Toluene
 Concen: 0.189 ug/L
 RT: 8.01 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VU035749.D
 Acq: 18 Nov 2019 17:35

Tgt Ion: 91 Resp: 15337
 Ion Ratio Lower Upper
 91 100
 92 58.8 40.5 75.3

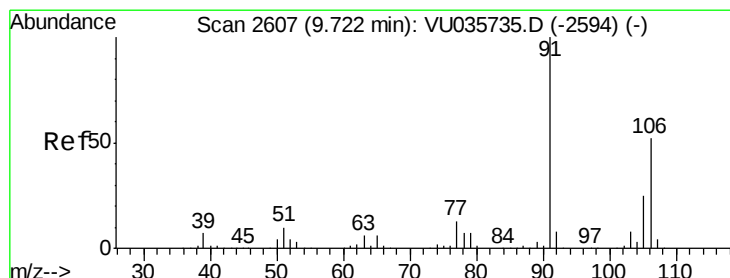
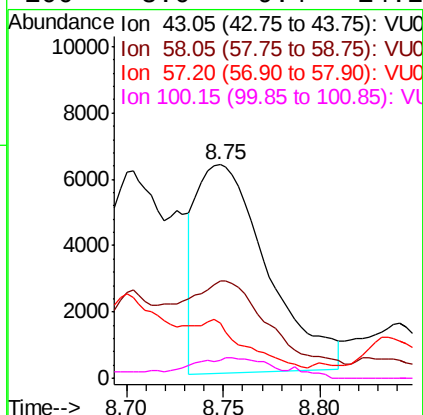
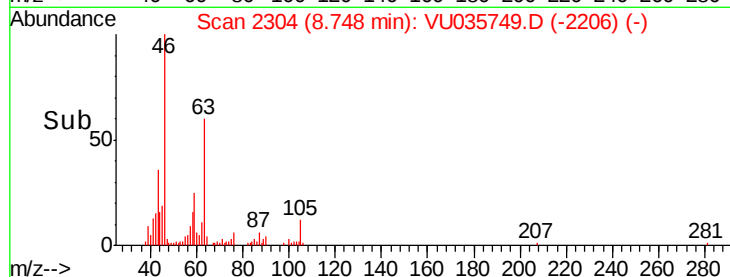
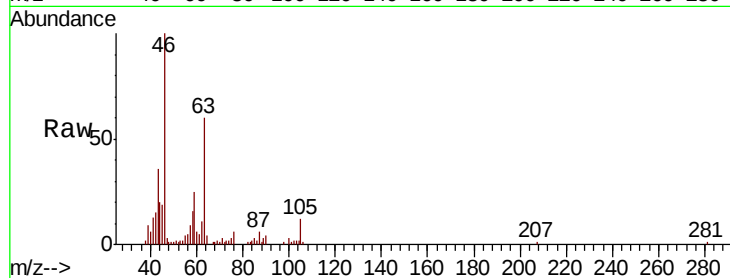




#48
2-Hexanone
Concen: 1.921 ug/L
RT: 8.75 min Scan# 2304
Delta R.T. 0.02 min
Lab File: VU035749.D
Acq: 18 Nov 2019 17:35

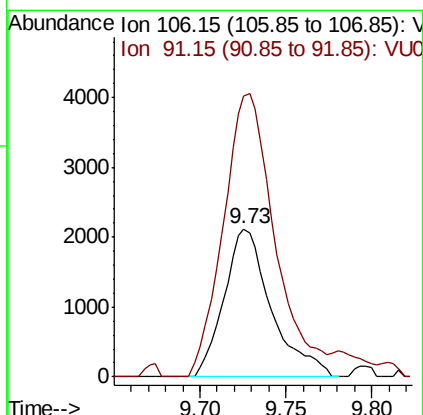
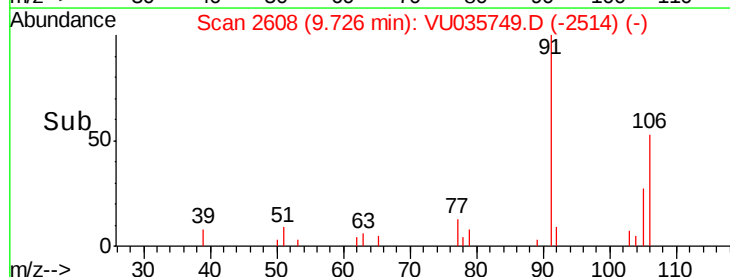
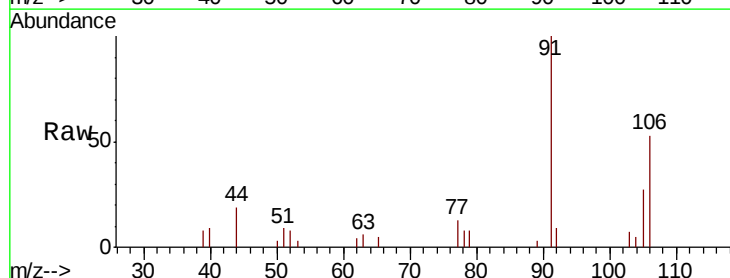
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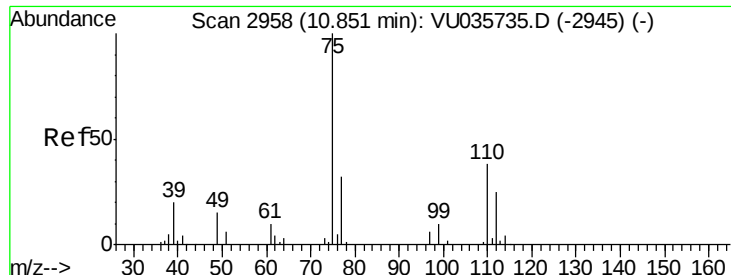
Tot Ion: 43 Resp: 15976
Ion Ratio Lower Upper
43 100
58 32.6 44.1 66.1#
57 0.0 15.1 22.7#
100 8.0 9.4 14.2#



#53
m,p-Xylene
Concen: 0.126 ug/L
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035749.D
Acq: 18 Nov 2019 17:35

Tgt Ion: 106 Resp: 4067
Ion Ratio Lower Upper
106 100
91 189.9 139.4 259.0





#59

1,2,3-Trichloropropane

Concen: 0.586 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035749.D

Acq: 18 Nov 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7890

Ion Ratio Lower Upper

75 100

77 38.7 26.8 40.2

