

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111819\
 Data File : VU035752.D
 Acq On : 18 Nov 2019 18:48
 Operator : JC/SP
 Sample : K5910-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:37:40 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	191554	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	218284	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	74377	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	83218	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.93	69	81047	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.59	63	112584	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.70	46	212904	48.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.82%
24) Chloroform-d	5.11	84	154236	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.75	65	84962	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.77	84	305137	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.74	67	108729	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.93	98	253286	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	8.22	79	36409	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.71	63	151862	43.67	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.34%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92217	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	73279	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

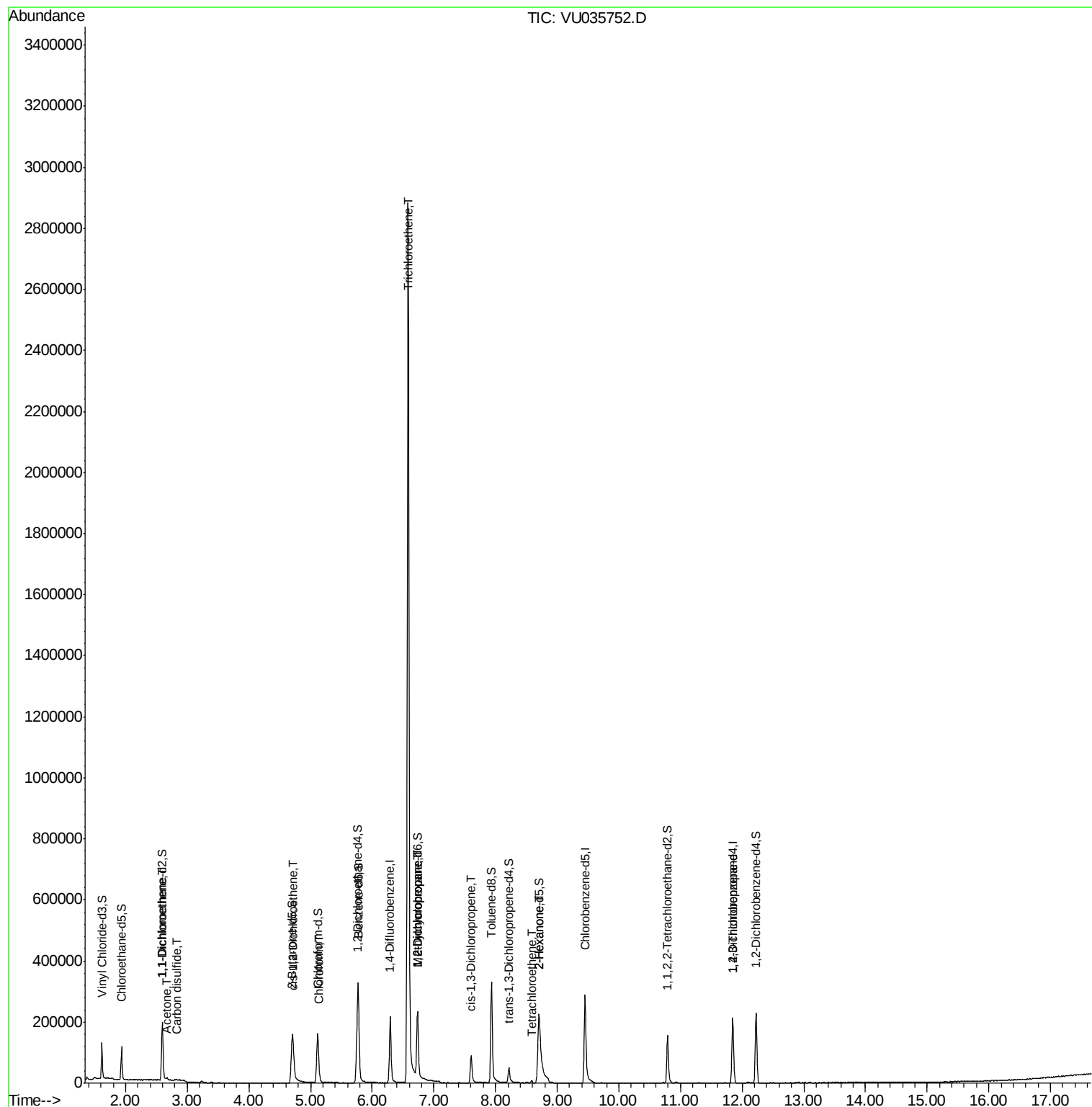
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.61	96	5955	0.354	ug/L #	1
13) Acetone	2.67	43	6648	2.118	ug/L	93
14) Carbon disulfide	2.83	76	4041	0.074	ug/L #	48
22) cis-1,2-Dichloroethene	4.72	96	31450	1.642	ug/L	100
25) Chloroform	5.14	83	9783	0.279	ug/L	86
34) Trichloroethene	6.58	95	1037596	52.778	ug/L	97
35) Methylcyclohexane	6.74	83	22376	0.747	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11323	0.559	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2039	0.071	ug/L #	33
47) Tetrachloroethene	8.59	164	1705	0.100	ug/L #	79
48) 2-Hexanone	8.70	43	14448	1.747	ug/L #	67
59) 1,2,3-Trichloropropane	11.84	75	7794	0.582	ug/L	93

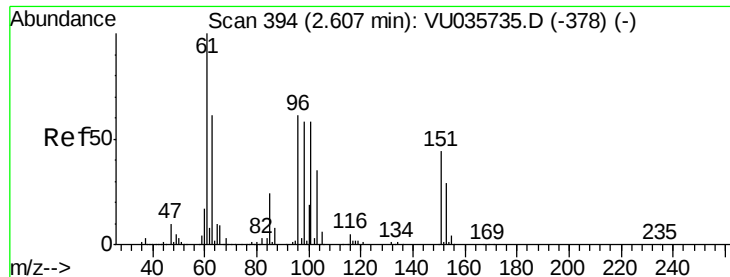
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.354 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

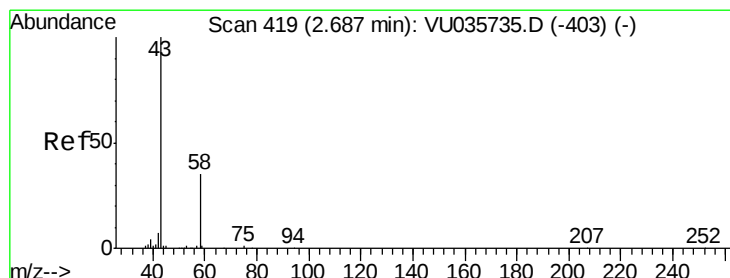
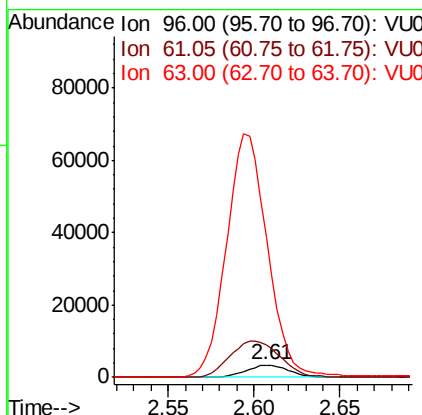
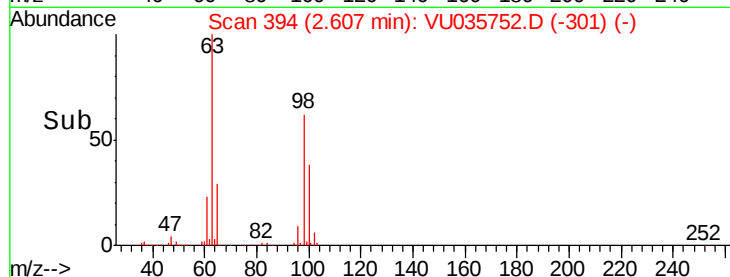
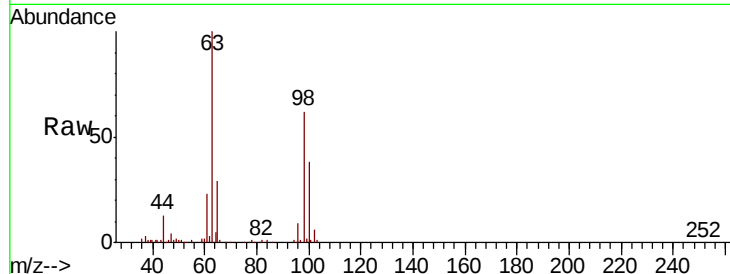
Lab File: VU035752.D

Acq: 18 Nov 2019 18:48

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 5955

Ion	Ratio	Lower	Upper
96	100		
61	261.9	123.1	228.5#
63	1119.9	87.8	163.0#



#13

Acetone

Concen: 2.118 ug/L

RT: 2.67 min Scan# 414

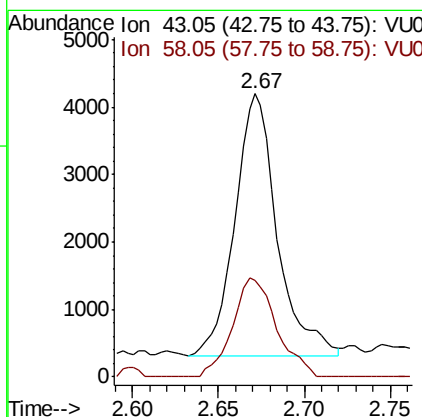
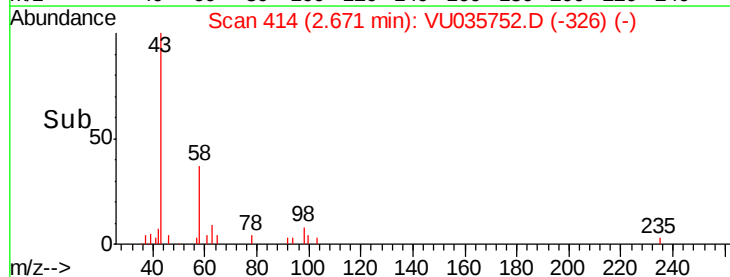
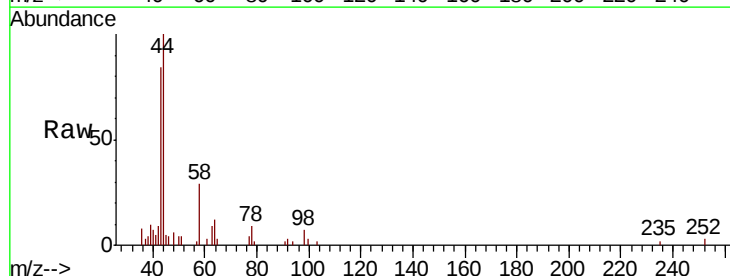
Delta R.T. -0.02 min

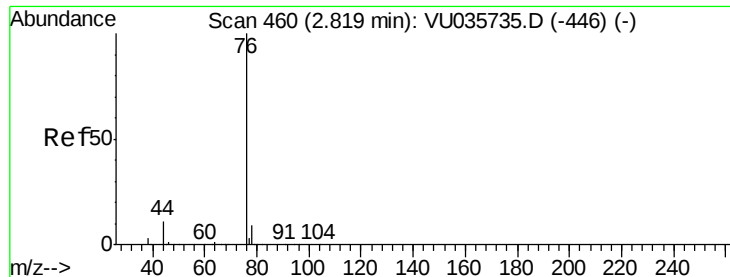
Lab File: VU035752.D

Acq: 18 Nov 2019 18:48

Tgt Ion: 43 Resp: 6648

Ion	Ratio	Lower	Upper
43	100		
58	39.1	0.0	69.8





#14

Carbon disulfide

Concen: 0.074 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.01 min

Lab File: VU035752.D

Acq: 18 Nov 2019 18:48

Instrument :

MSVOA_U

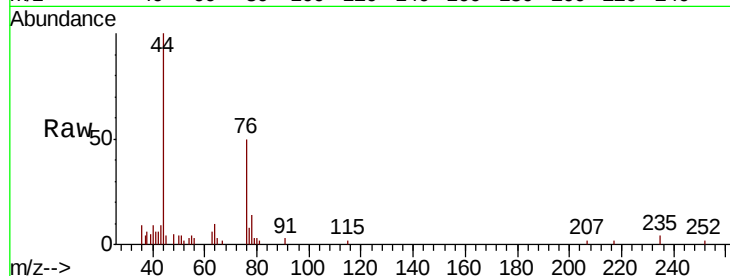
ClientSampled :

Tot Ion: 76 Resp: 4041

Ion Ratio Lower Upper

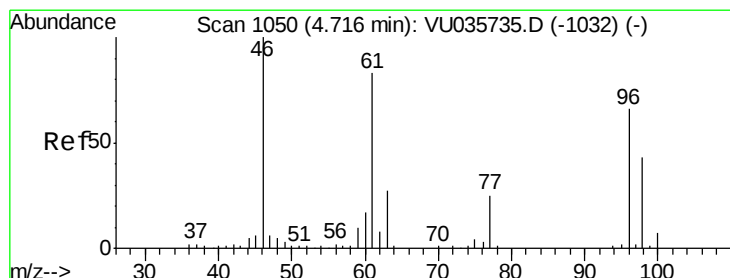
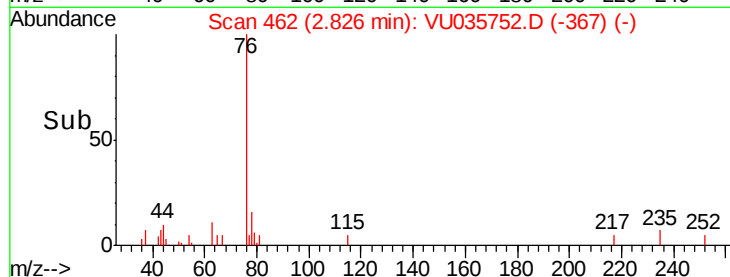
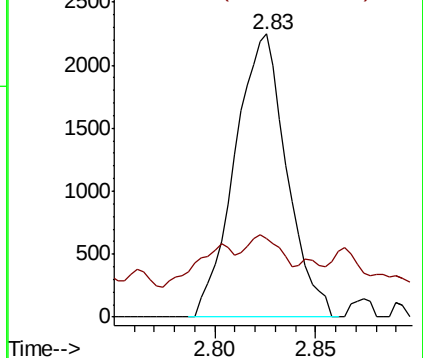
76 100

78 28.0 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU035735.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035735.D (-446) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.642 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035752.D

Acq: 18 Nov 2019 18:48

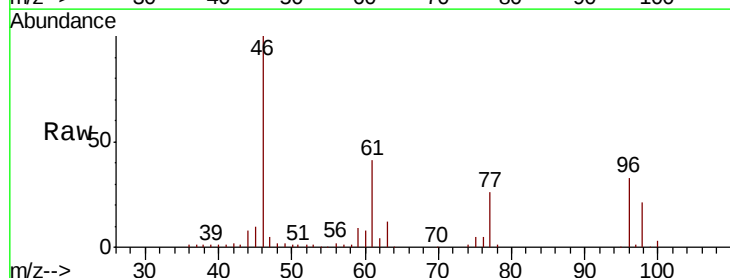
Tgt Ion: 96 Resp: 31450

Ion Ratio Lower Upper

96 100

61 124.6 87.0 161.6

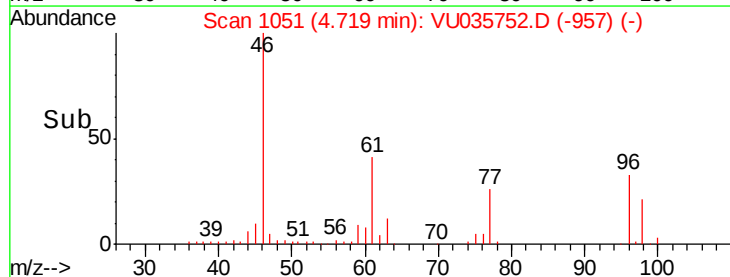
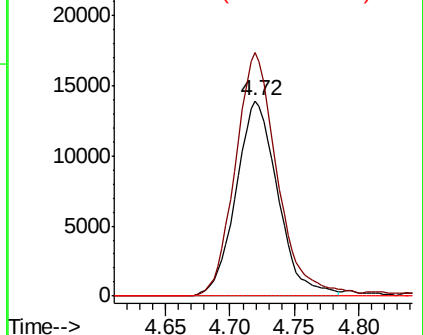
68 0.0 0.0 0.0

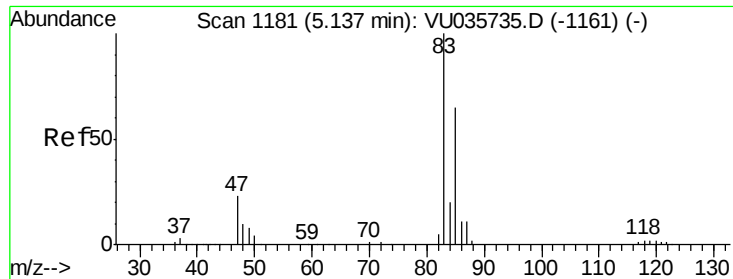


Abundance Ion 96.00 (95.70 to 96.70): VU035735.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU035735.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU035735.D (-1032) (-)

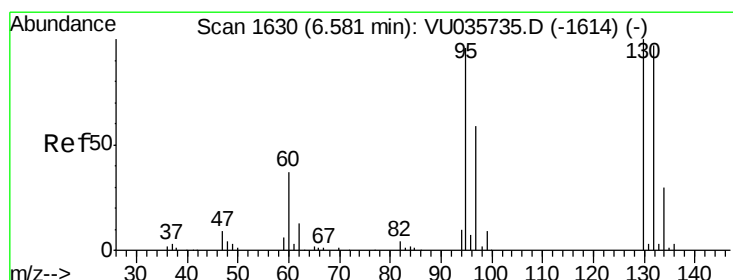
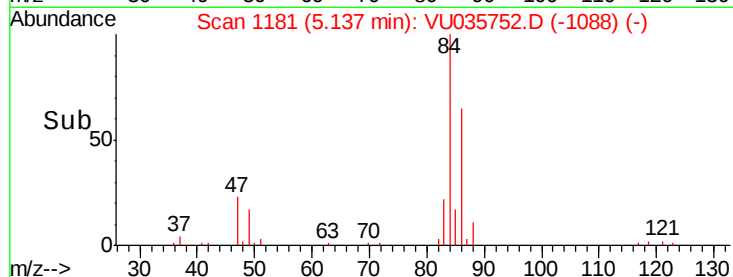
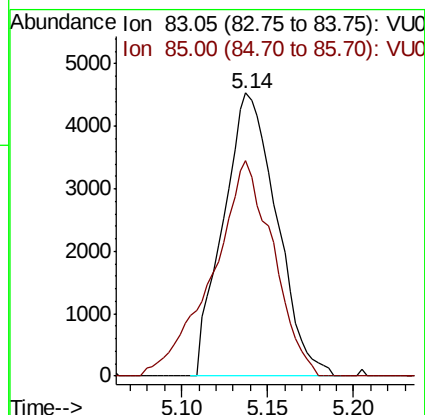
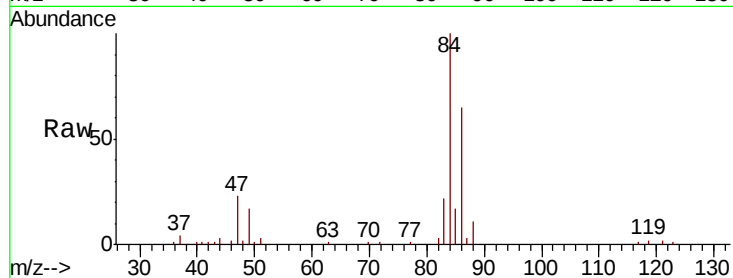




#25
Chloroform
Concen: 0.279 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035752.D
Acq: 18 Nov 2019 18:48

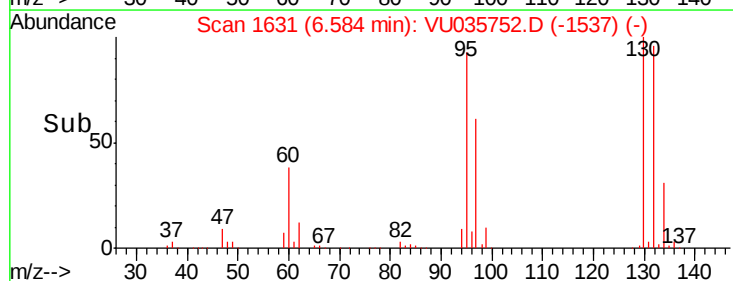
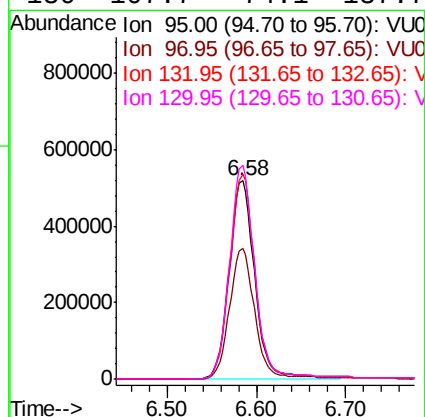
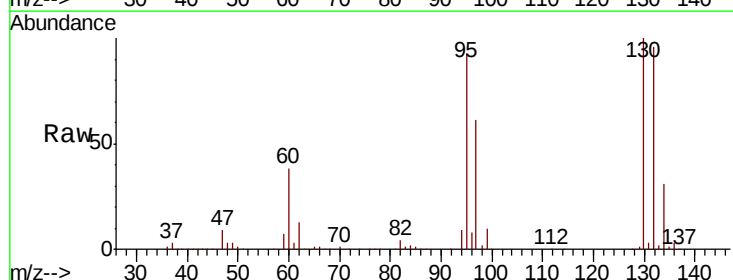
Instrument :
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ClientSampleId :

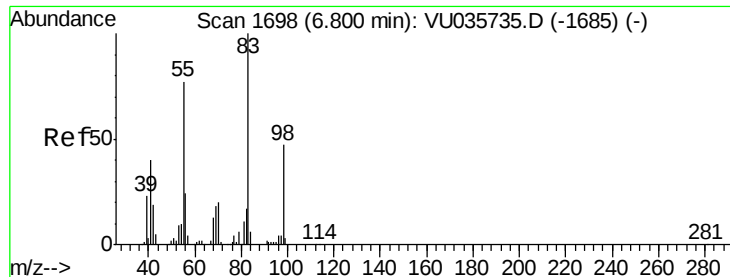
Tot Ion: 83 Resp: 9783
Ion Ratio Lower Upper
83 100
85 76.0 45.4 84.2



#34
Trichloroethene
Concen: 52.778 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035752.D
Acq: 18 Nov 2019 18:48

Tgt Ion: 95 Resp: 1037596
Ion Ratio Lower Upper
95 100
97 65.9 44.5 82.7
132 103.3 69.9 129.7
130 107.7 74.1 137.7

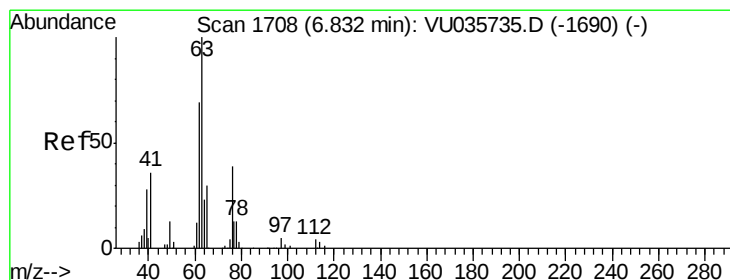
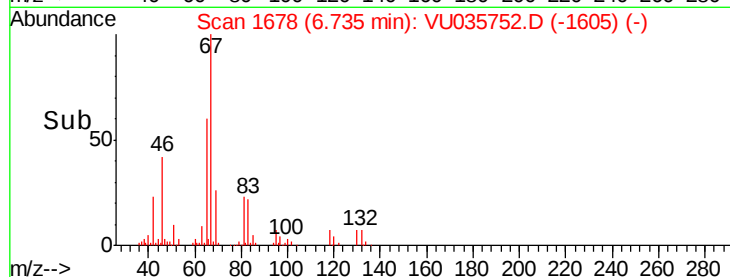
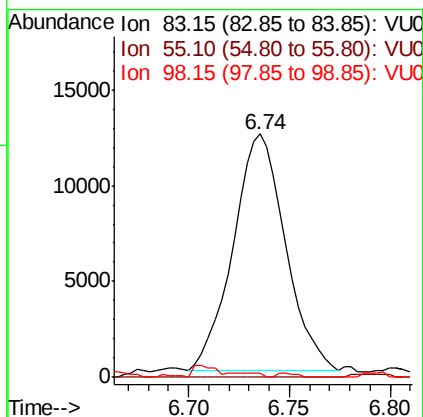
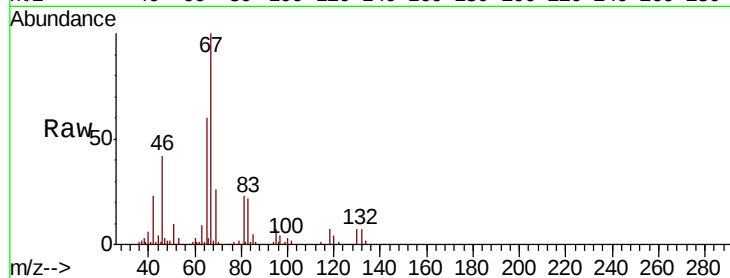




#35
Methvlcvclohexane
Concen: 0.747 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035752.D
Acq: 18 Nov 2019 18:48

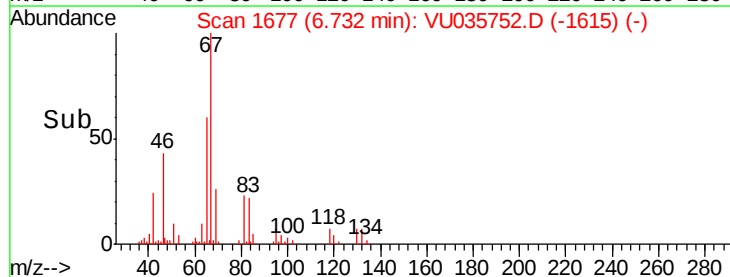
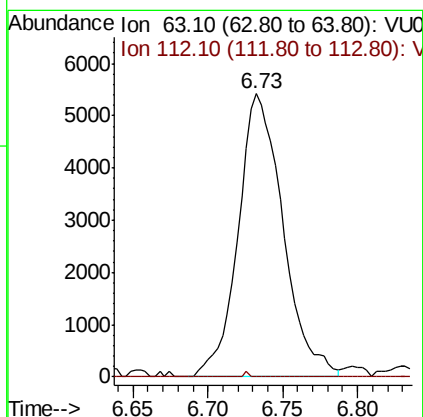
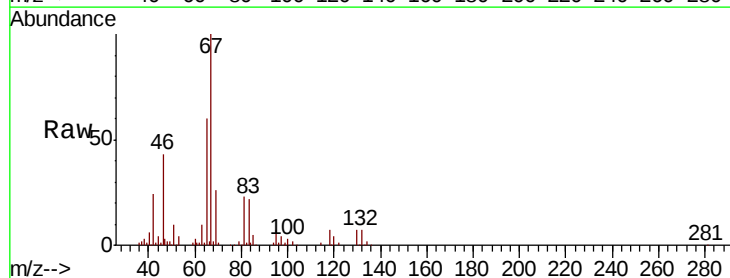
Instrument :
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ClientSampleId :

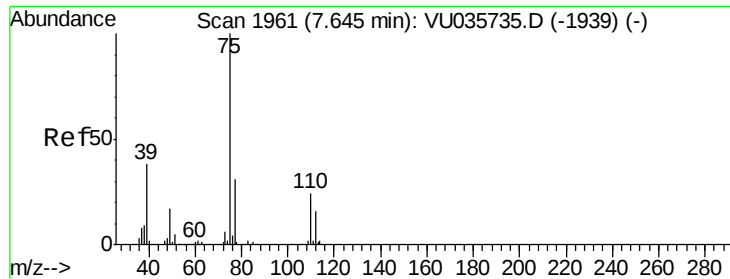
Tot Ion: 83 Resp: 22376
Ion Ratio Lower Upper
83 100
55 0.9 62.6 93.8#
98 0.0 37.2 55.8#



#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035752.D
Acq: 18 Nov 2019 18:48

Tgt Ion: 63 Resp: 11323
Ion Ratio Lower Upper
63 100
112 0.2 3.4 5.2#

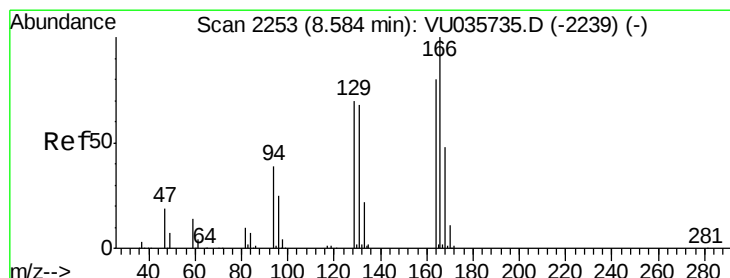
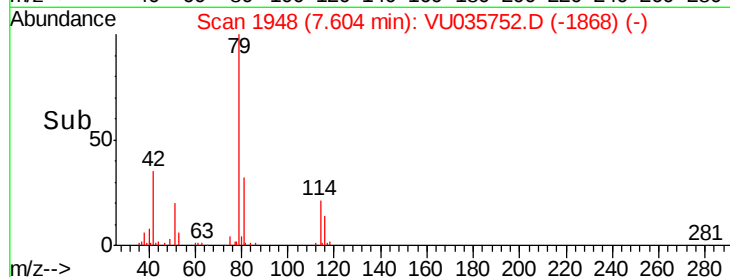
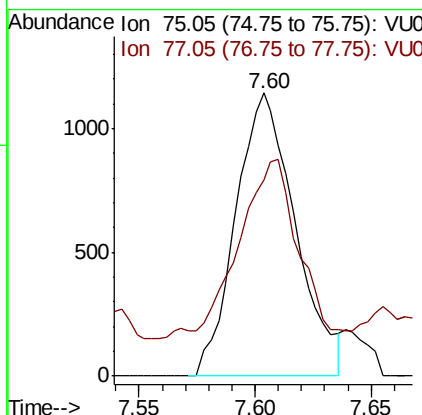
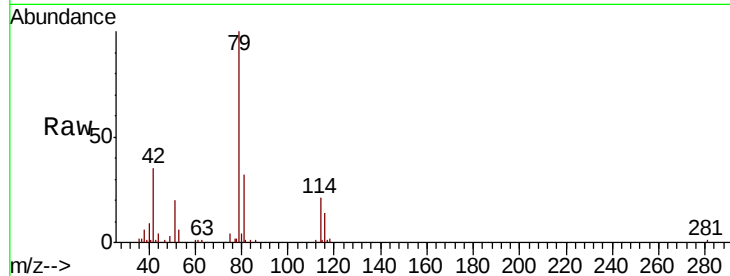




#39
 cis-1,3-Dichloropropene
 Concen: 0.071 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035752.D
 Acq: 18 Nov 2019 18:48

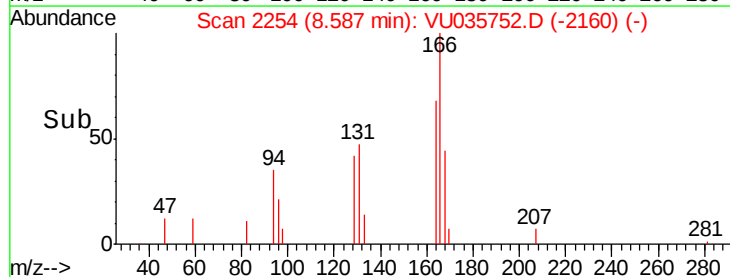
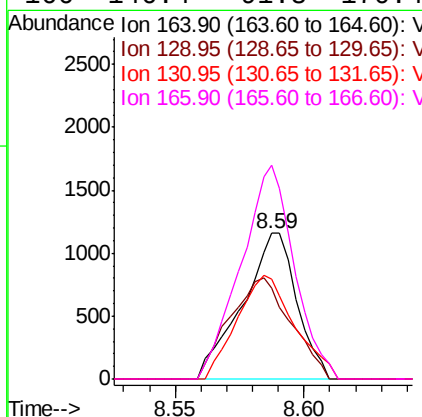
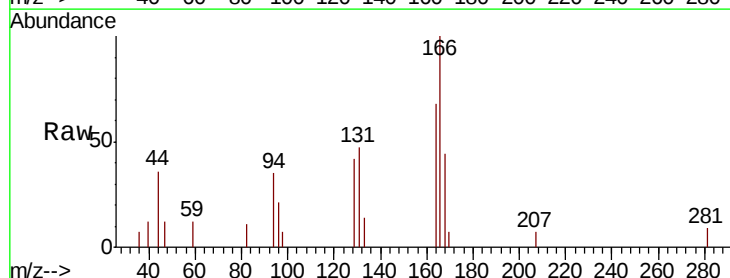
Instrument :
 MSVOA_U
 ClientSampleId :

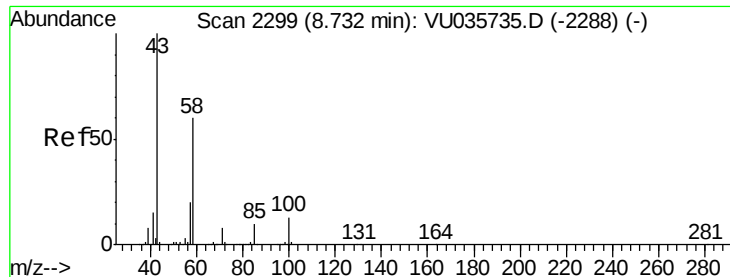
Tot Ion: 75 Resp: 2039
 Ion Ratio Lower Upper
 75 100
 77 69.3 22.5 41.7#



#47
 Tetrachloroethene
 Concen: 0.100 ug/L
 RT: 8.59 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VU035752.D
 Acq: 18 Nov 2019 18:48

Tgt Ion: 164 Resp: 1705
 Ion Ratio Lower Upper
 164 100
 129 61.9 64.7 120.1#
 131 68.6 61.6 114.4
 166 146.4 91.8 170.4

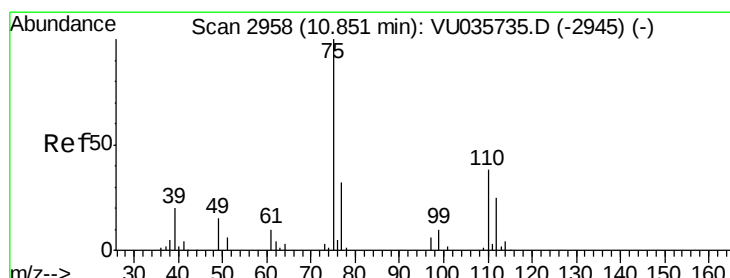
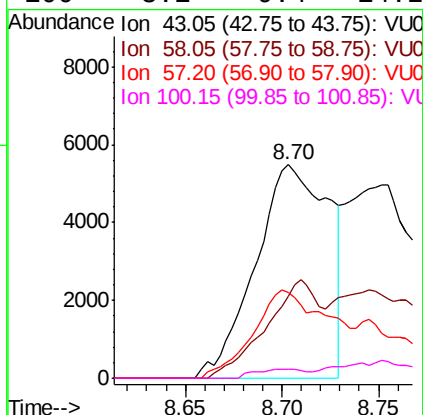
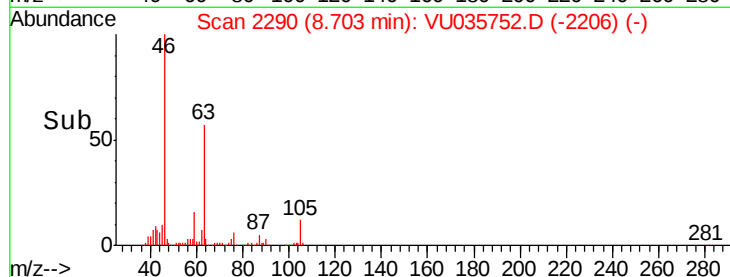
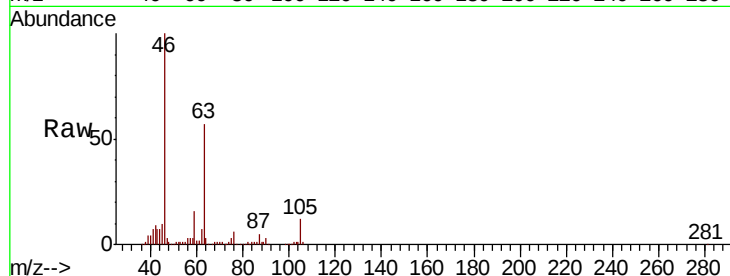




#48
2-Hexanone
Concen: 1.747 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.03 min
Lab File: VU035752.D
Acq: 18 Nov 2019 18:48

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 14448
Ion Ratio Lower Upper
43 100
58 34.2 44.1 66.1#
57 42.7 15.1 22.7#
100 3.1 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.582 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035752.D
Acq: 18 Nov 2019 18:48

Tgt Ion: 75 Resp: 7794
Ion Ratio Lower Upper
75 100
77 37.7 26.8 40.2

