

Data File : VU035804.D
Acq On : 21 Nov 2019 15:35
Operator : JC/SP
Sample : K5910-16DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQJ9DL

Quant Time: Nov 22 01:37:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	224709	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	266735	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84851	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	156071	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.94	69	141577	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.59	63	226137	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.70	46	363489	53.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.02%
24) Chloroform-d	5.11	84	266837	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.75	65	154969	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.77	84	529636	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.74	67	184563	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.93	98	436977	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.22	79	61262	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.70	63	251115	46.82	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.64%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	142982	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	106650	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

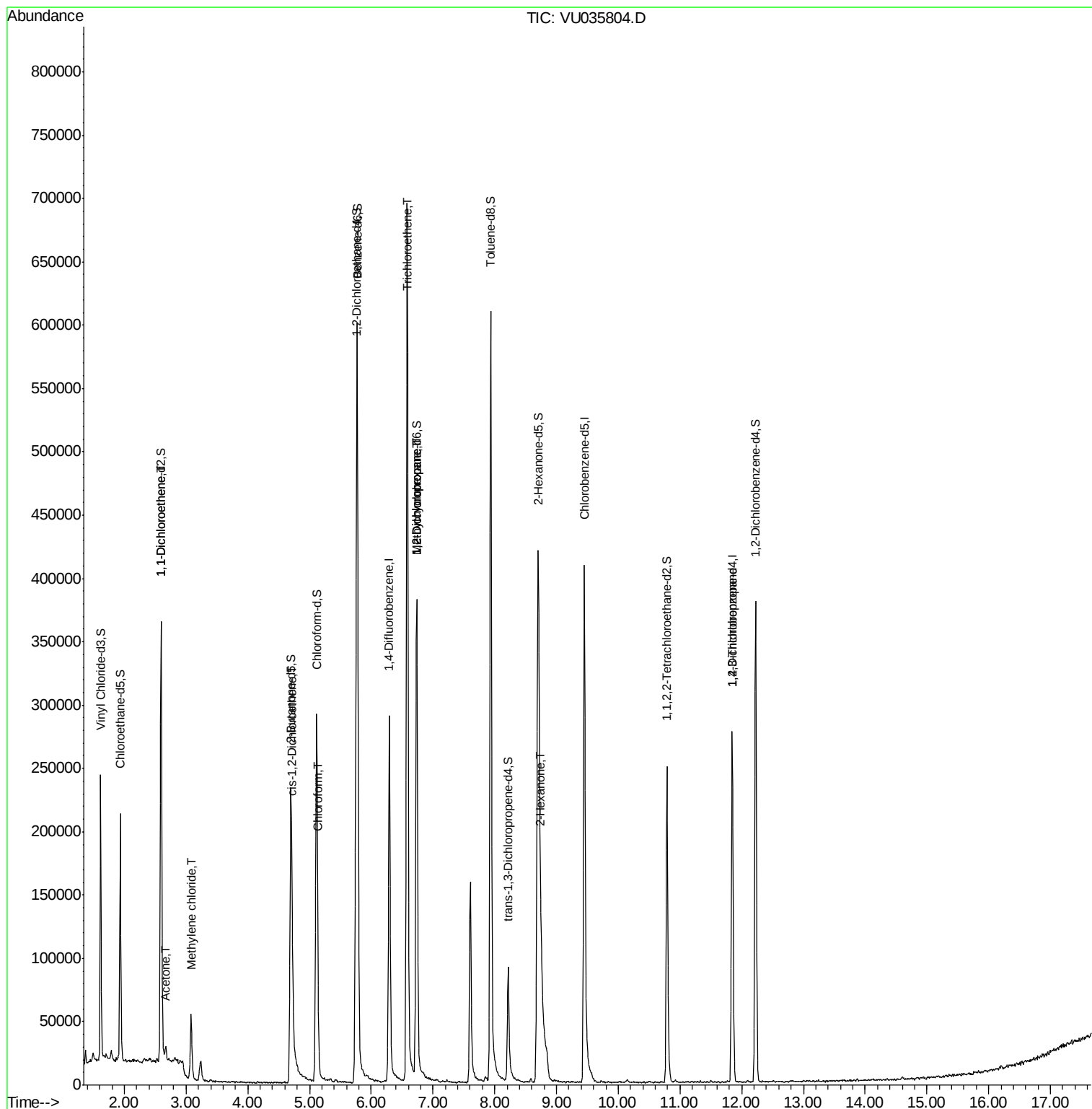
					Qvalue
12) 1,1-Dichloroethene	2.60	96	2630	0.112 ug/L #	1
13) Acetone	2.67	43	10878	1.823 ug/L	92
16) Methylene chloride	3.08	84	22573	0.799 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	7869	0.307 ug/L	99
25) Chloroform	5.14	83	8849	0.176 ug/L	84
34) Trichloroethene	6.58	95	254540	9.324 ug/L	96
35) Methylcyclohexane	6.73	83	41323	1.031 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	20988	0.665 ug/L #	90
48) 2-Hexanone	8.75	43	34968	2.450 ug/L #	69
59) 1,2,3-Trichloropropane	11.84	75	11851	0.577 ug/L #	88

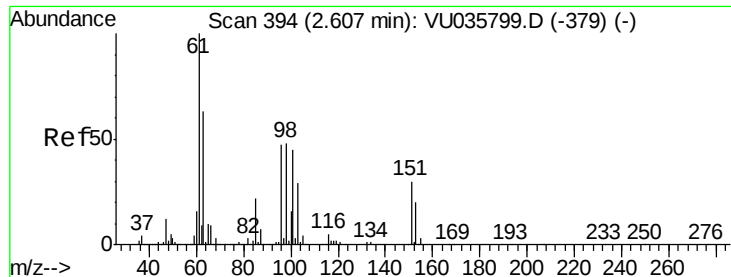
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.112 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU035804.D

Acq: 21 Nov 2019 15:35

Instrument :

MSVOA_U

ClientSampleId :

GAQJ9DL

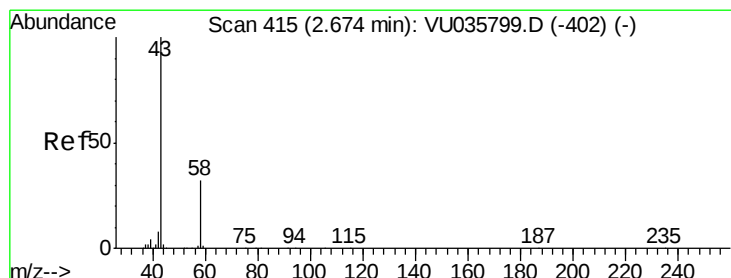
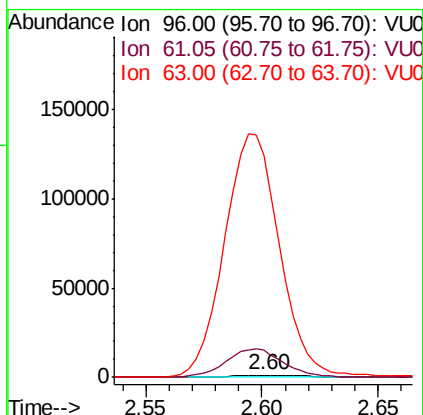
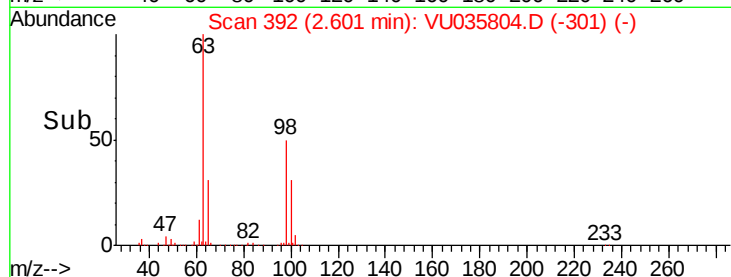
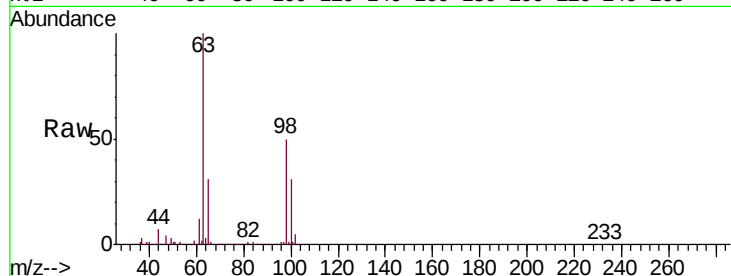
Tgt Ion: 96 Resp: 2630

Ion Ratio Lower Upper

96 100

61 1260.6 139.3 258.7#

63 10467.6 93.7 174.1#



#13

Acetone

Concen: 1.823 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035804.D

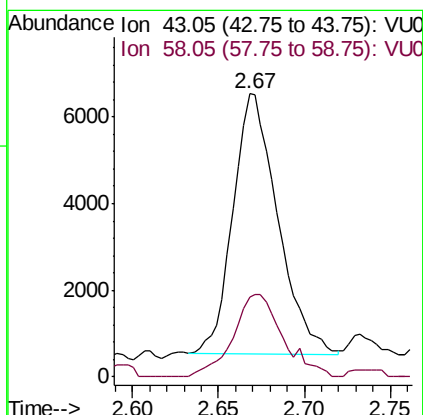
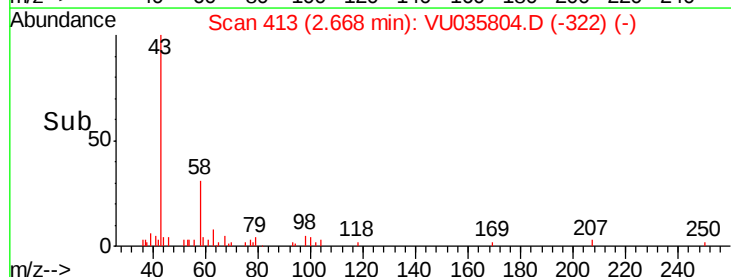
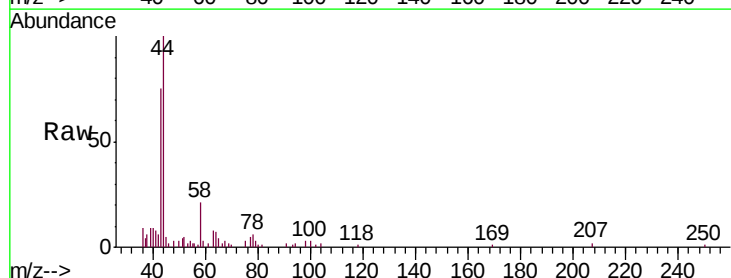
Acq: 21 Nov 2019 15:35

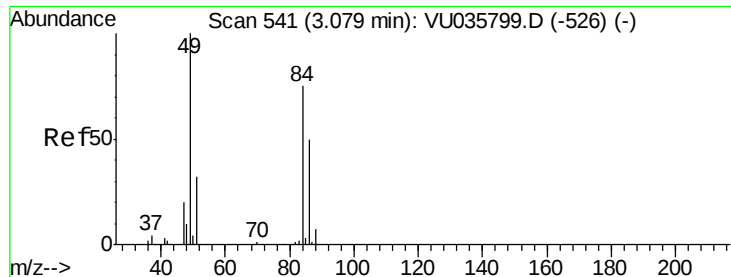
Tgt Ion: 43 Resp: 10878

Ion Ratio Lower Upper

43 100

58 35.0 0.0 61.2

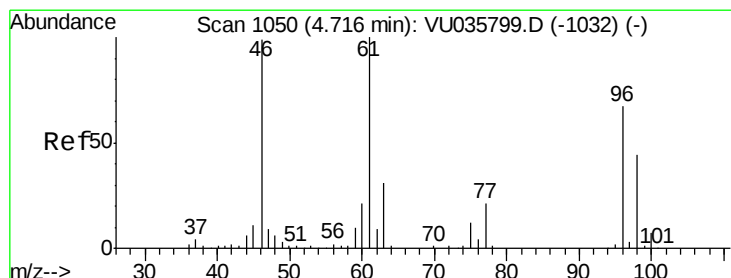
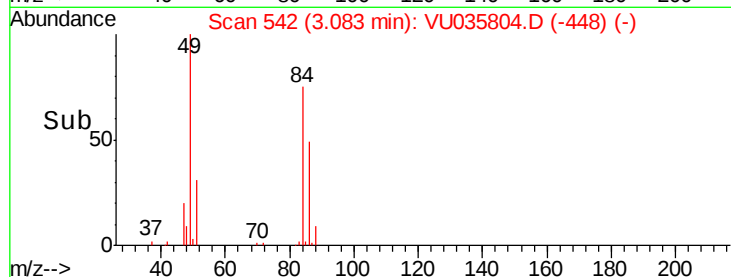
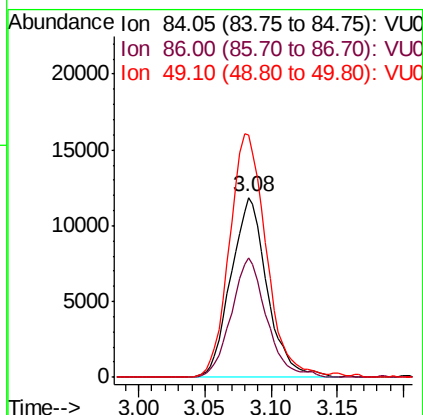
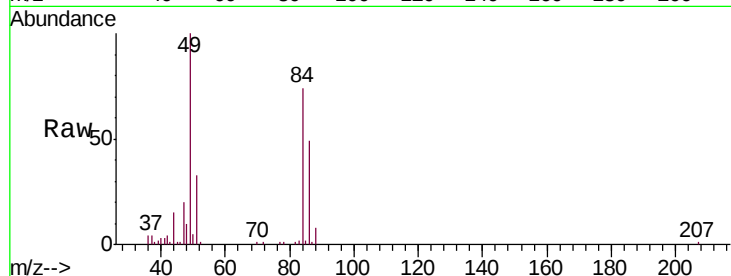




#16
Methylene chloride
Concen: 0.799 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035804.D
Acq: 21 Nov 2019 15:35

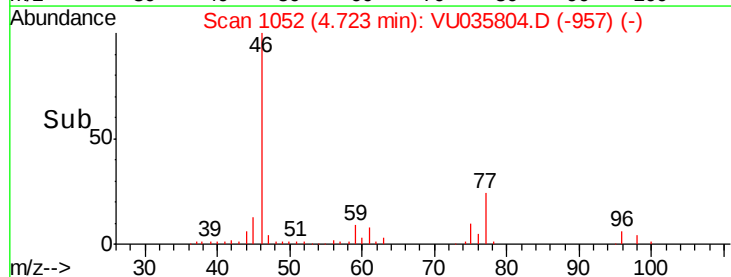
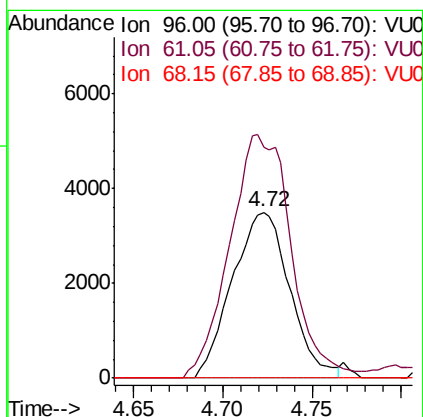
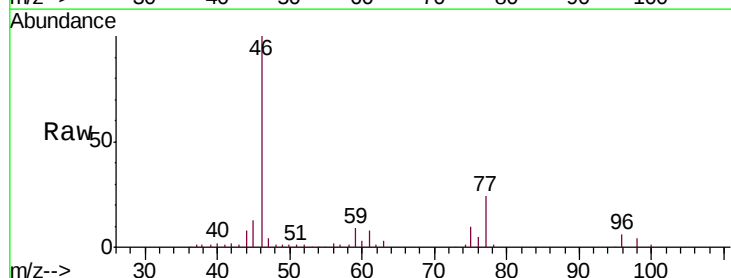
Instrument :
MSVOA_U
ClientSampleId :
GAQJ9DL

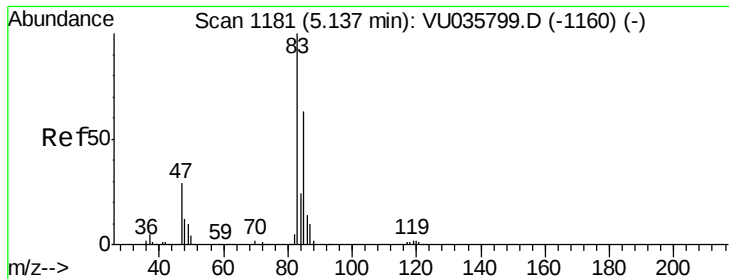
Tgt Ion: 84 Resp: 22573
Ion Ratio Lower Upper
84 100
86 66.2 44.4 82.5
49 134.9 94.0 174.6



#22
cis-1,2-Dichloroethene
Concen: 0.307 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU035804.D
Acq: 21 Nov 2019 15:35

Tgt Ion: 96 Resp: 7869
Ion Ratio Lower Upper
96 100
61 139.3 98.1 182.1
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.176 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035804.D

Acq: 21 Nov 2019 15:35

Instrument :

MSVOA_U

ClientSampled :

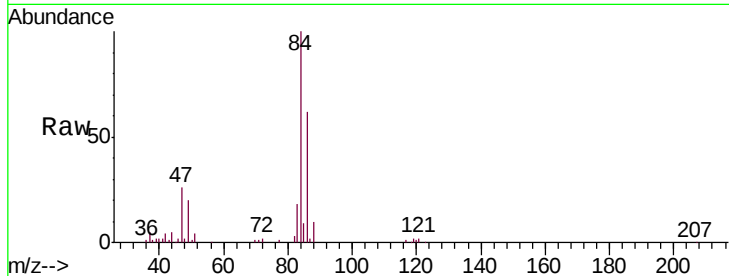
GAQJ9DL

Tgt Ion: 83 Resp: 8849

Ion Ratio Lower Upper

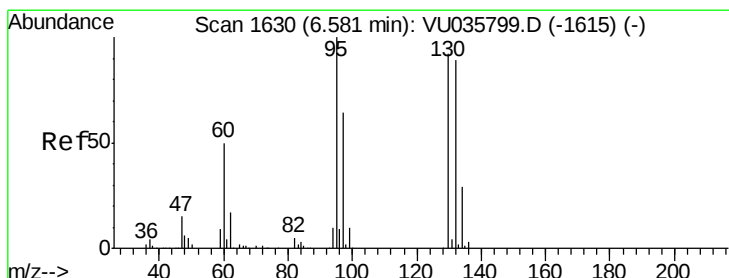
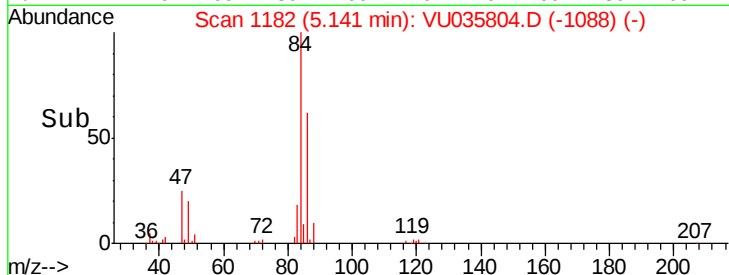
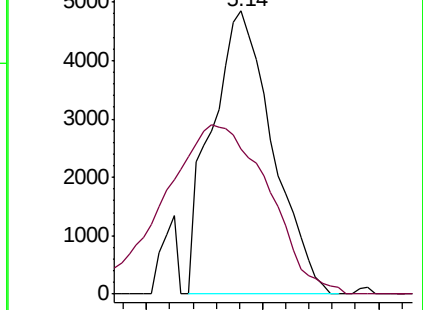
83 100

85 51.2 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035799.D (-1160) (-)

Ion 85.00 (84.70 to 85.70): VU035799.D (-1160) (-)



#34

Trichloroethene

Concen: 9.324 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035804.D

Acq: 21 Nov 2019 15:35

Tgt Ion: 95 Resp: 254540

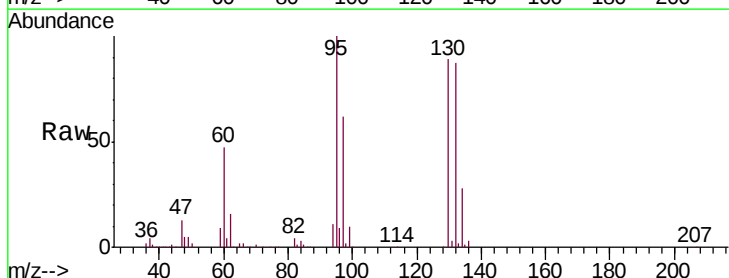
Ion Ratio Lower Upper

95 100

97 62.0 45.1 83.9

132 86.8 61.9 114.9

130 89.3 66.3 123.1

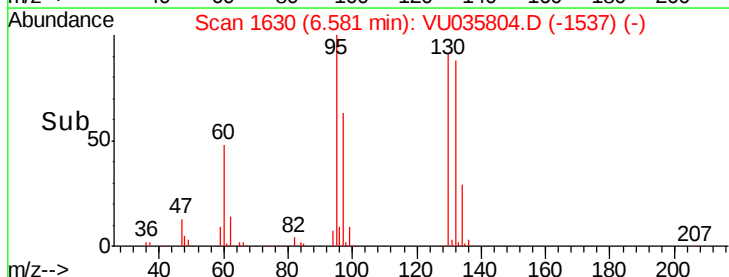
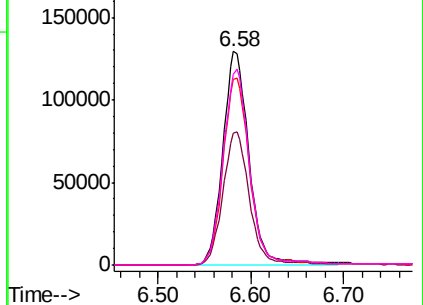


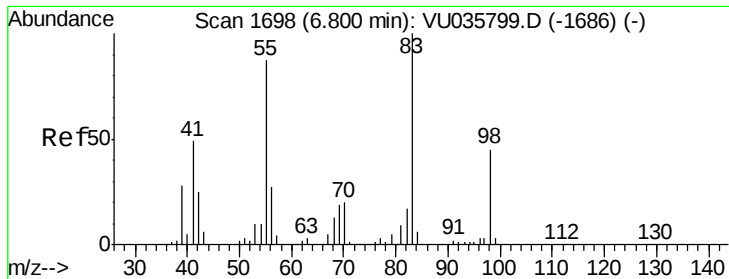
Abundance Ion 95.00 (94.70 to 95.70): VU035799.D (-1615) (-)

Ion 96.95 (96.65 to 97.65): VU035799.D (-1615) (-)

Ion 131.95 (131.65 to 132.65): VU035799.D (-1615) (-)

Ion 129.95 (129.65 to 130.65): VU035799.D (-1615) (-)

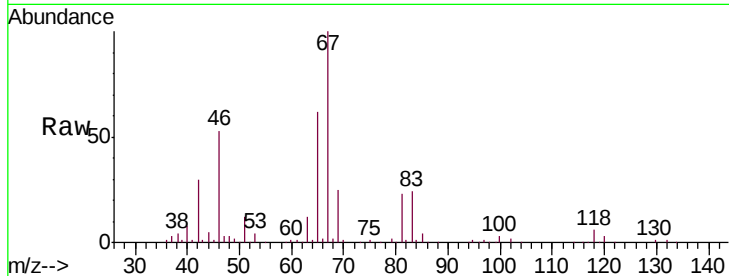




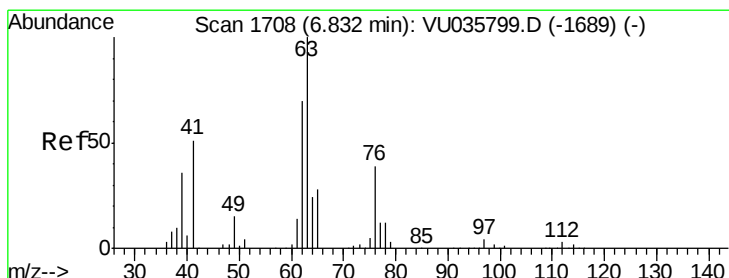
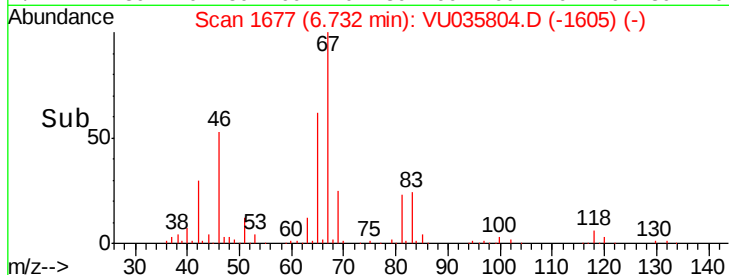
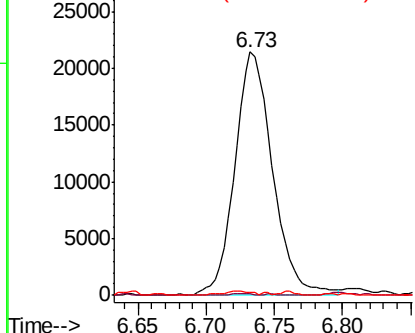
#35
Methylcyclohexane
Concen: 1.031 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035804.D
Acq: 21 Nov 2019 15:35

Instrument :
MSVOA_U
ClientSampleId :
GAQJ9DL

Tgt Ion: 83 Resp: 41323
Ion Ratio Lower Upper
83 100
55 0.4 72.7 109.1#
98 1.1 36.2 54.4#

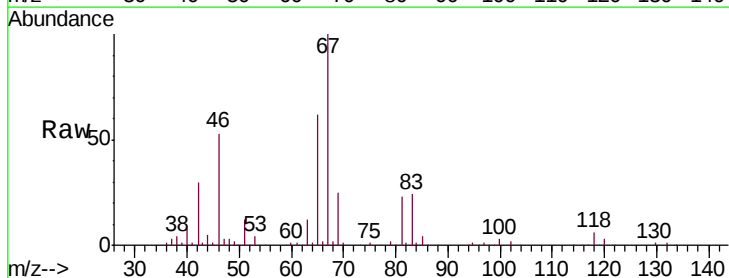


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

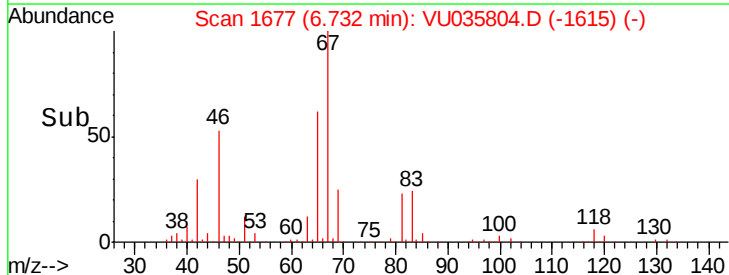
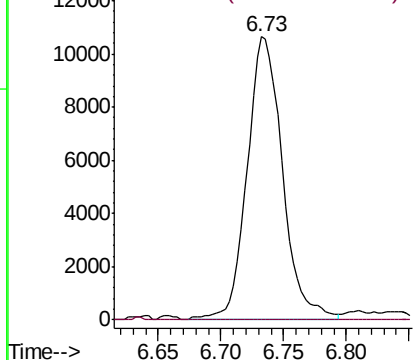


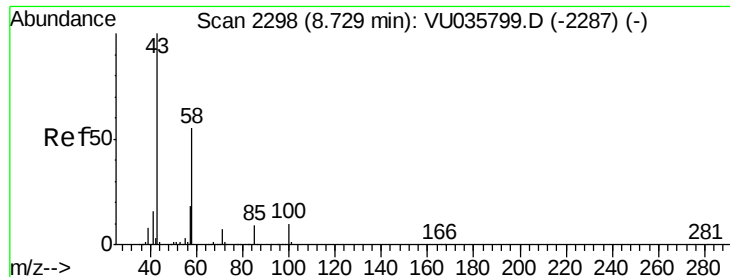
#37
1,2-Dichloropropane
Concen: 0.665 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035804.D
Acq: 21 Nov 2019 15:35

Tgt Ion: 63 Resp: 20988
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

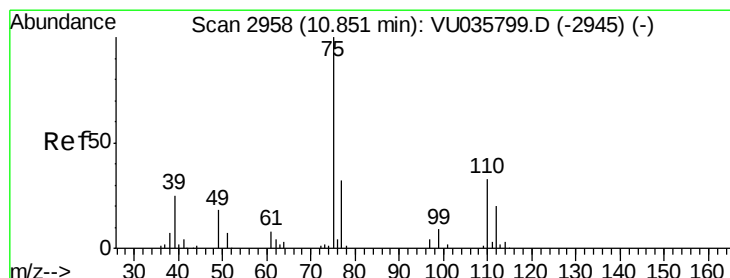
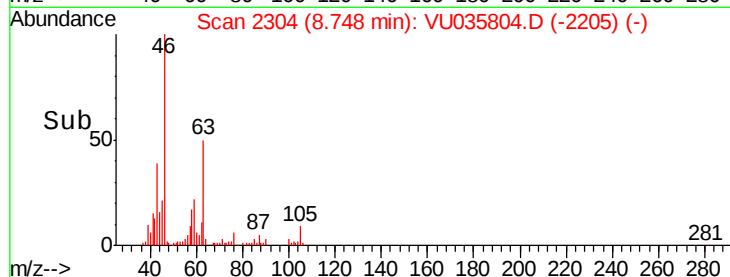
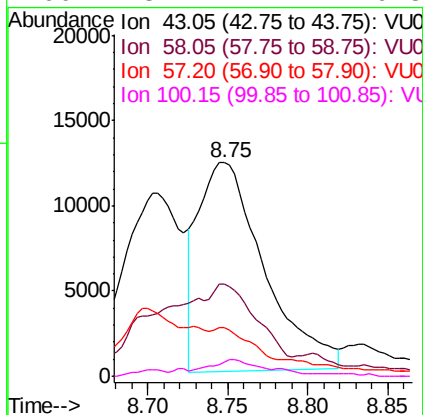
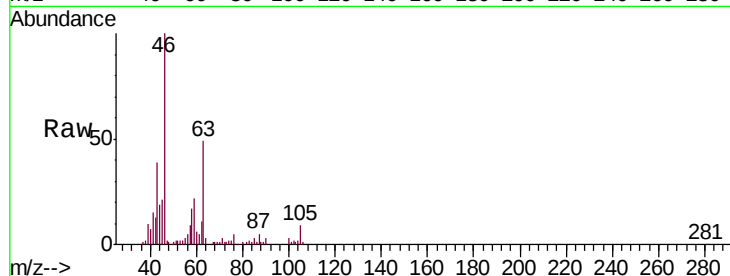




#48
2-Hexanone
Concen: 2.450 ug/L
RT: 8.75 min Scan# 2304
Delta R.T. 0.02 min
Lab File: VU035804.D
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Tgt Ion: 43 Resp: 34968
Ion Ratio Lower Upper
43 100
58 71.4 39.8 59.8#
57 0.0 14.0 21.0#
100 3.4 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 0.577 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035804.D
Acq: 21 Nov 2019 15:35

Tgt Ion: 75 Resp: 11851
Ion Ratio Lower Upper
75 100
77 38.4 25.4 38.2#

