

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121719\
 Data File : VU036255.D
 Acq On : 17 Dec 2019 13:43
 Operator : JC/MD
 Sample : K6275-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:26:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 18 01:23:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	251497	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	278202	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	114011	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91827	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.93	69	86270	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.59	63	100121	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.70	46	186272	44.89	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.78%
24) Chloroform-d	5.11	84	162534	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.75	65	87325	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.77	84	295533	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.73	67	99190	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.93	98	241092	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
43) trans-1,3-Dichloropropene-	8.21	79	37436	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.68	63	161367	46.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.10%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	93420	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	103854	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

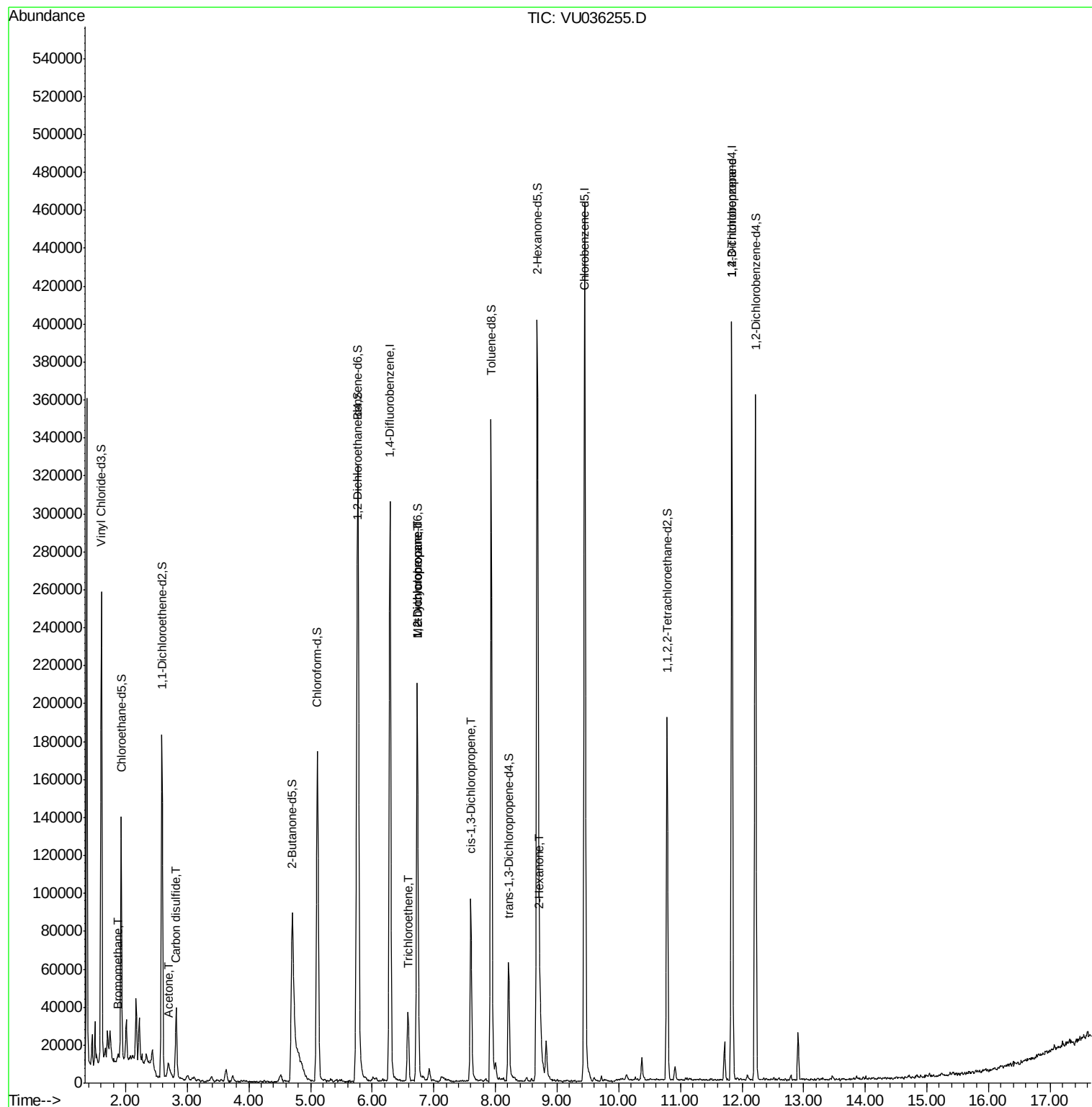
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.87	94	1517	0.091	ug/L	75
13) Acetone	2.69	43	17945	4.963	ug/L	92
14) Carbon disulfide	2.82	76	50056	0.800	ug/L #	94
34) Trichloroethene	6.58	95	12828	0.582	ug/L	95
35) Methylcyclohexane	6.73	83	24457	0.780	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	10891	0.499	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2622	0.088	ug/L #	58
48) 2-Hexanone	8.73	43	11583	1.360	ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	12973	0.895	ug/L	97

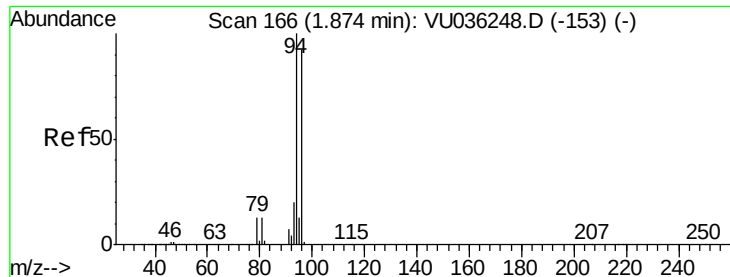
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.091 ug/L

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU036255.D

Acq: 17 Dec 2019 13:43

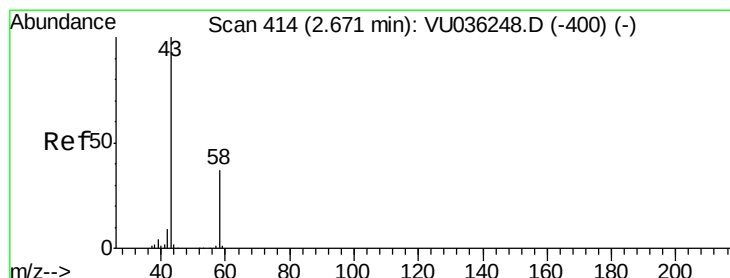
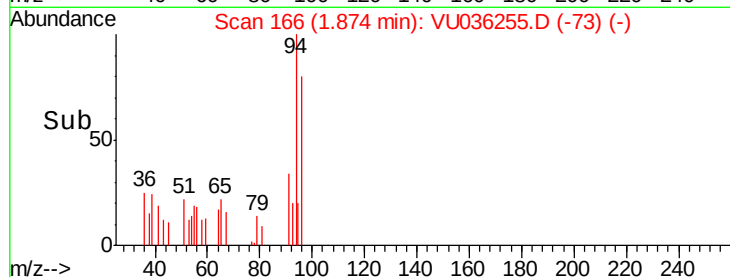
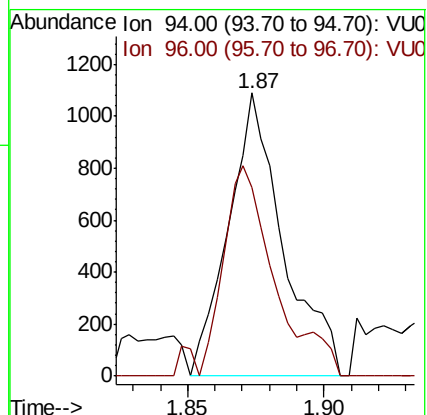
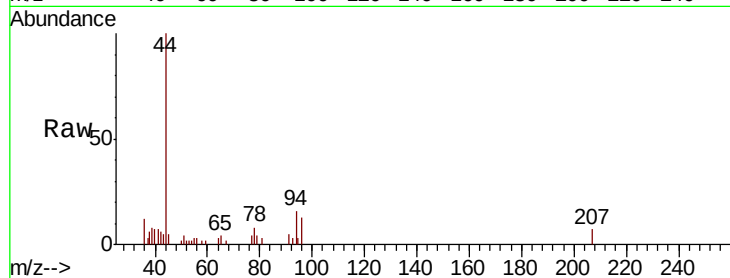
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 94 Resp: 1517

Ion Ratio Lower Upper

94 100

96 66.7 62.9 116.9



#13

Acetone

Concen: 4.963 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.02 min

Lab File: VU036255.D

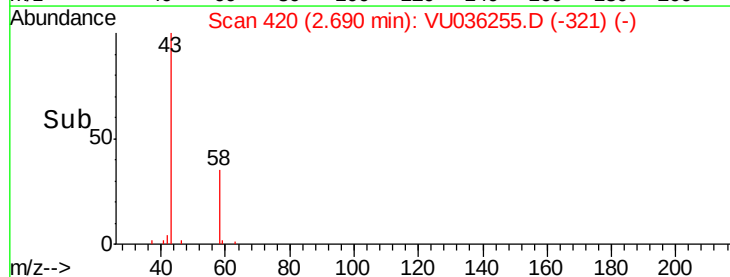
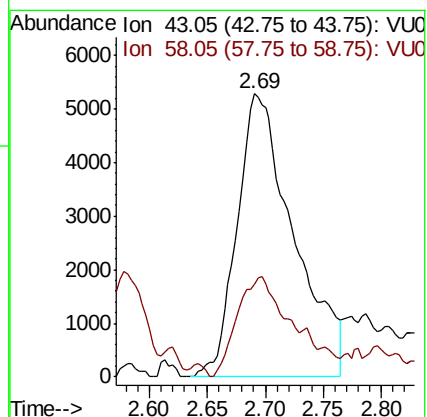
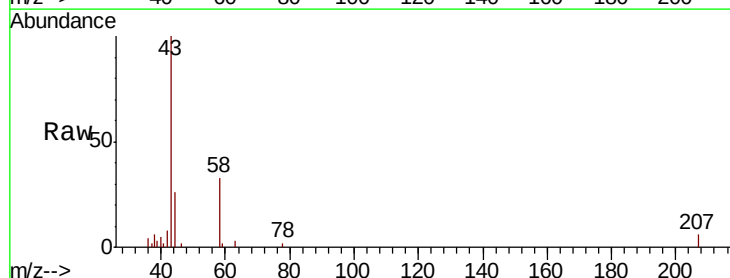
Acq: 17 Dec 2019 13:43

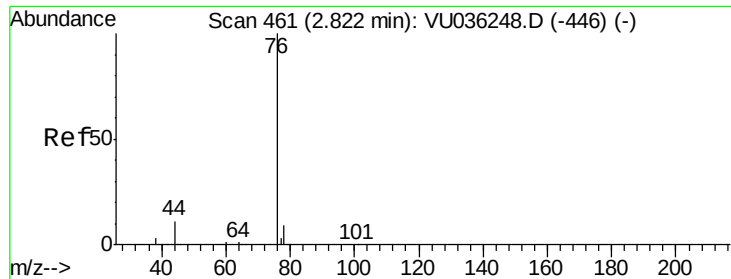
Tgt Ion: 43 Resp: 17945

Ion Ratio Lower Upper

43 100

58 29.0 0.0 67.6





#14

Carbon disulfide

Concen: 0.800 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU036255.D

Acq: 17 Dec 2019 13:43

Instrument :

MSVOA_U

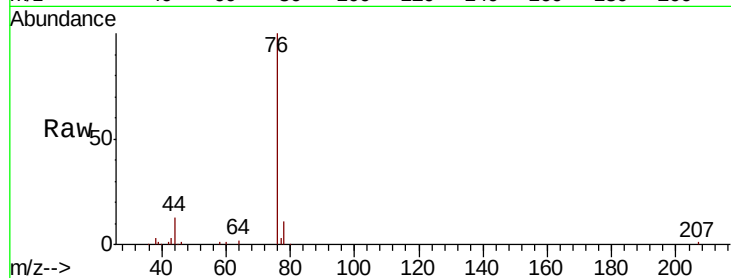
ClientSampleId :

Tot Ion: 76 Resp: 50056

Ion Ratio Lower Upper

76 100

78 11.0 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VU036248.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU036248.D (-446) (-)

2.82

30000

25000

20000

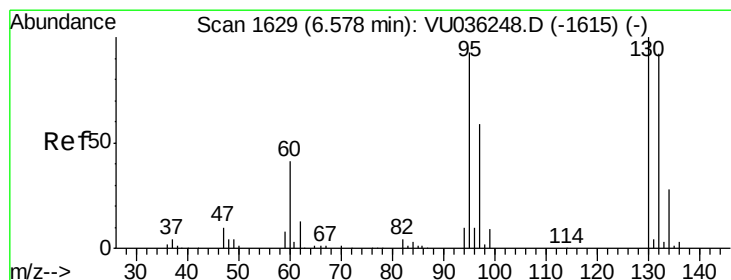
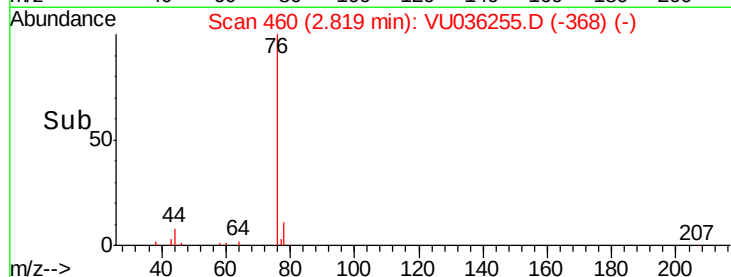
15000

10000

5000

0

Time-->



#34

Trichloroethene

Concen: 0.582 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036255.D

Acq: 17 Dec 2019 13:43

Tgt Ion: 95 Resp: 12828

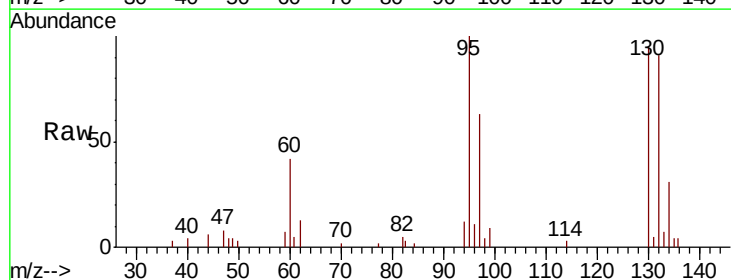
Ion Ratio Lower Upper

95 100

97 62.6 43.6 81.0

132 91.0 69.6 129.2

130 95.2 70.3 130.7



Abundance Ion 95.00 (94.70 to 95.70): VU036248.D (-1615) (-)

Ion 96.95 (96.65 to 97.65): VU036248.D (-1615) (-)

Ion 131.95 (131.65 to 132.65): VU036248.D (-1615) (-)

Ion 129.95 (129.65 to 130.65): VU036248.D (-1615) (-)

10000

8000

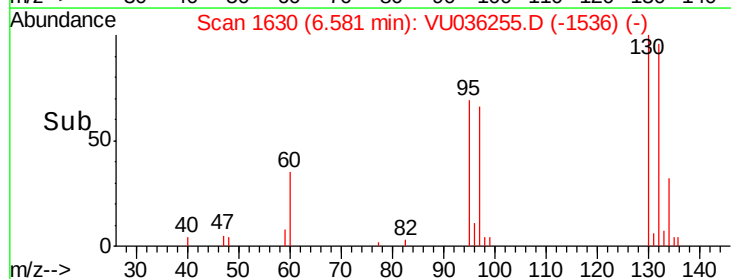
6000

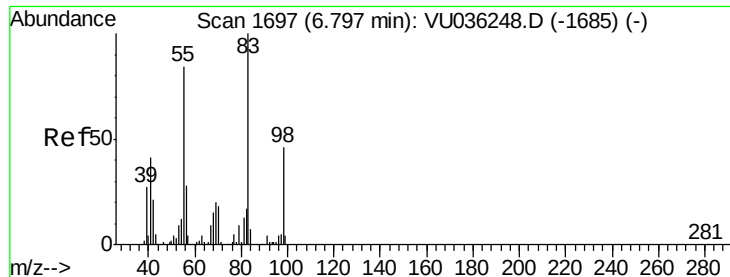
4000

2000

0

Time-->

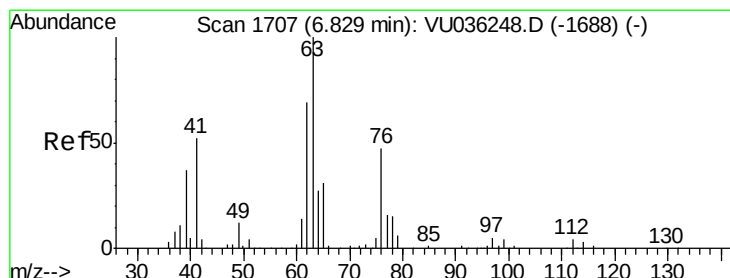
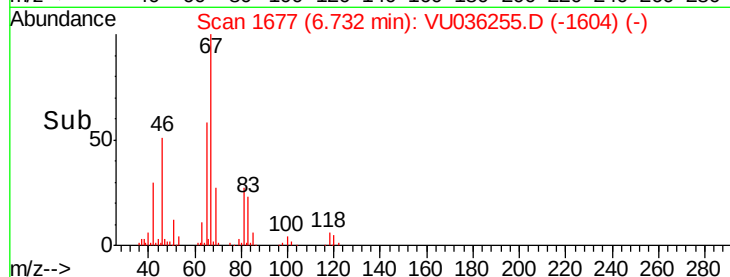
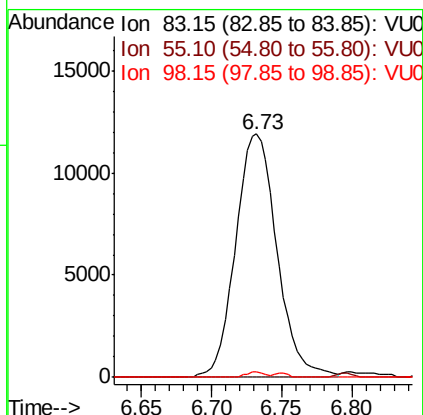
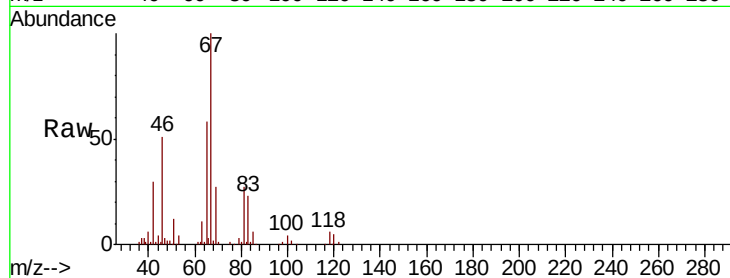




#35
Methylvlcyclohexane
Concen: 0.780 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.06 min
Lab File: VU036255.D
Acq: 17 Dec 2019 13:43

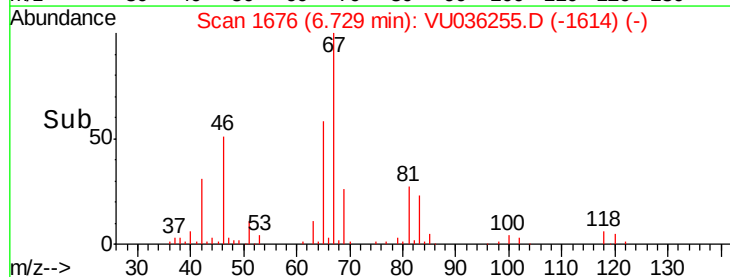
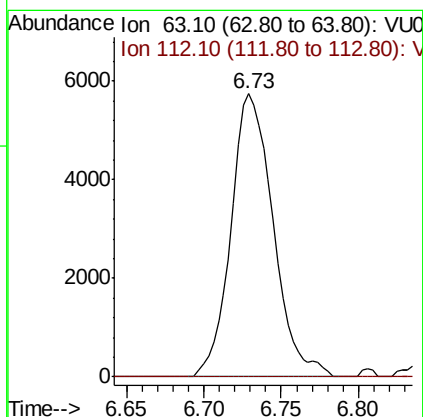
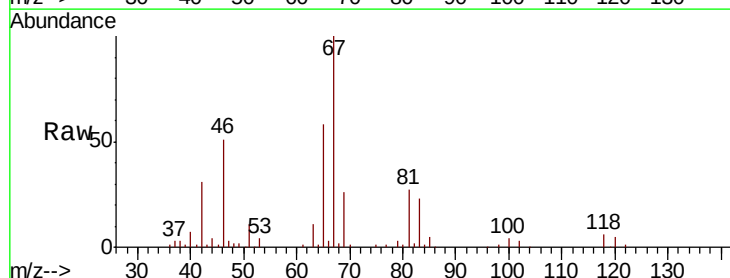
Instrument :
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ClientSampleId :

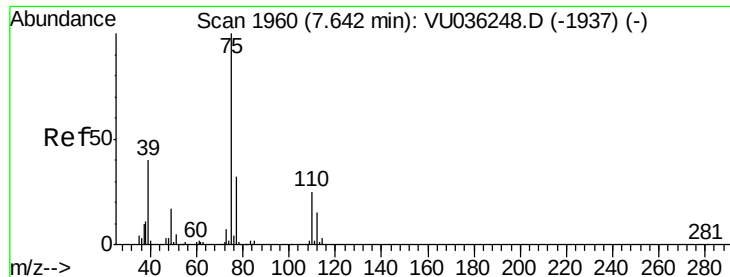
Tot Ion: 83 Resp: 24457
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 1.0 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.499 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036255.D
Acq: 17 Dec 2019 13:43

Tgt Ion: 63 Resp: 10891
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.8#

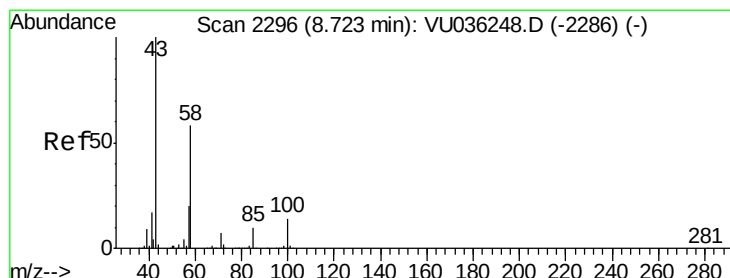
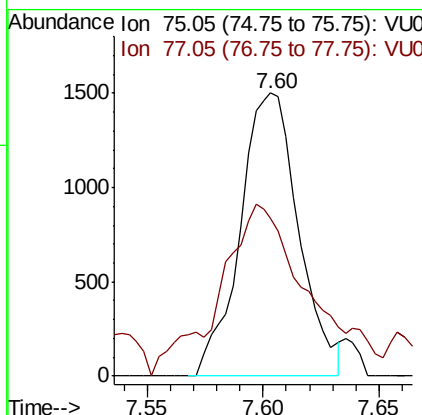
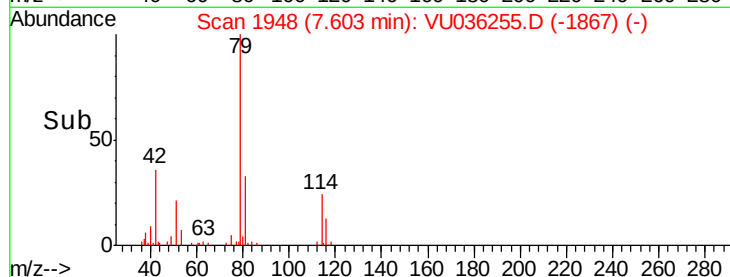
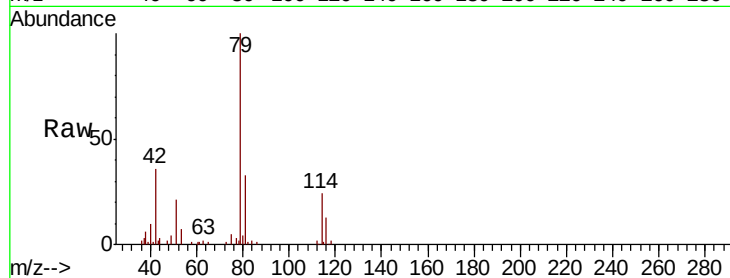




#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036255.D
 Acq: 17 Dec 2019 13:43

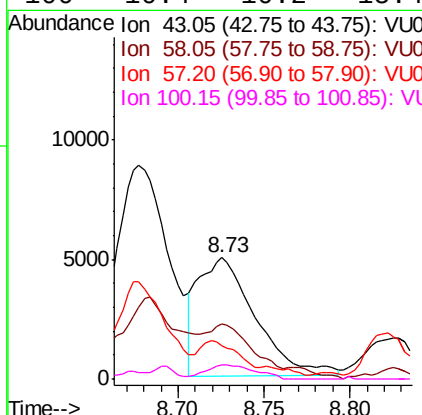
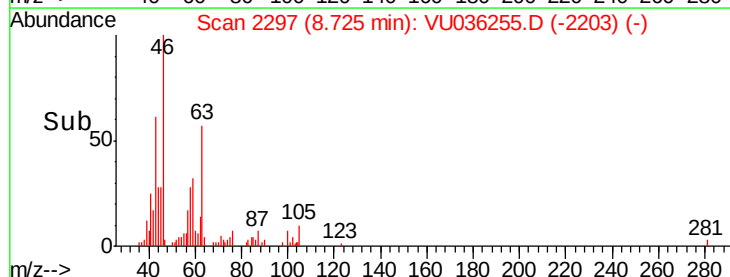
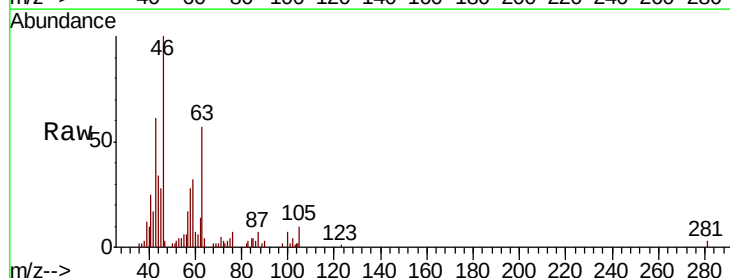
Instrument :
 MSVOA_U
 ClientSampleId :

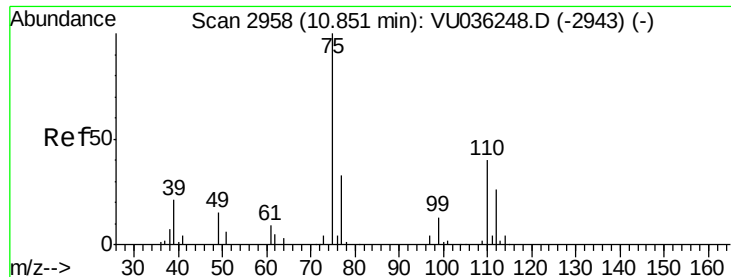
Tot Ion: 75 Resp: 2622
 Ion Ratio Lower Upper
 75 100
 77 55.9 22.7 42.1#



#48
 2-Hexanone
 Concen: 1.360 ug/L
 RT: 8.73 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: VU036255.D
 Acq: 17 Dec 2019 13:43

Tgt Ion: 43 Resp: 11583
 Ion Ratio Lower Upper
 43 100
 58 25.3 46.2 69.2#
 57 15.6 16.2 24.4#
 100 10.4 10.2 15.4





#59

1,2,3-Trichloropropane

Concen: 0.895 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036255.D

Acq: 17 Dec 2019 13:43

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 12973

Ion Ratio Lower Upper

75 100

77 35.9 27.2 40.8

