

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035905.D
 Acq On : 27 Nov 2019 19:24
 Operator : JC/SP
 Sample : K6057-08DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 05:02:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 04:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	227193	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	265813	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	93065	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	127263	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.93	69	118373	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.59	63	154378	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.69	46	312735	45.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.06%
24) Chloroform-d	5.11	84	225927	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.75	65	123924	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.77	84	421053	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.74	67	147235	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.93	98	322391	3.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.80%#
43) trans-1,3-Dichloropropene-	8.22	79	49682	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.68	63	233243	43.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.28%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	119080	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	97063	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

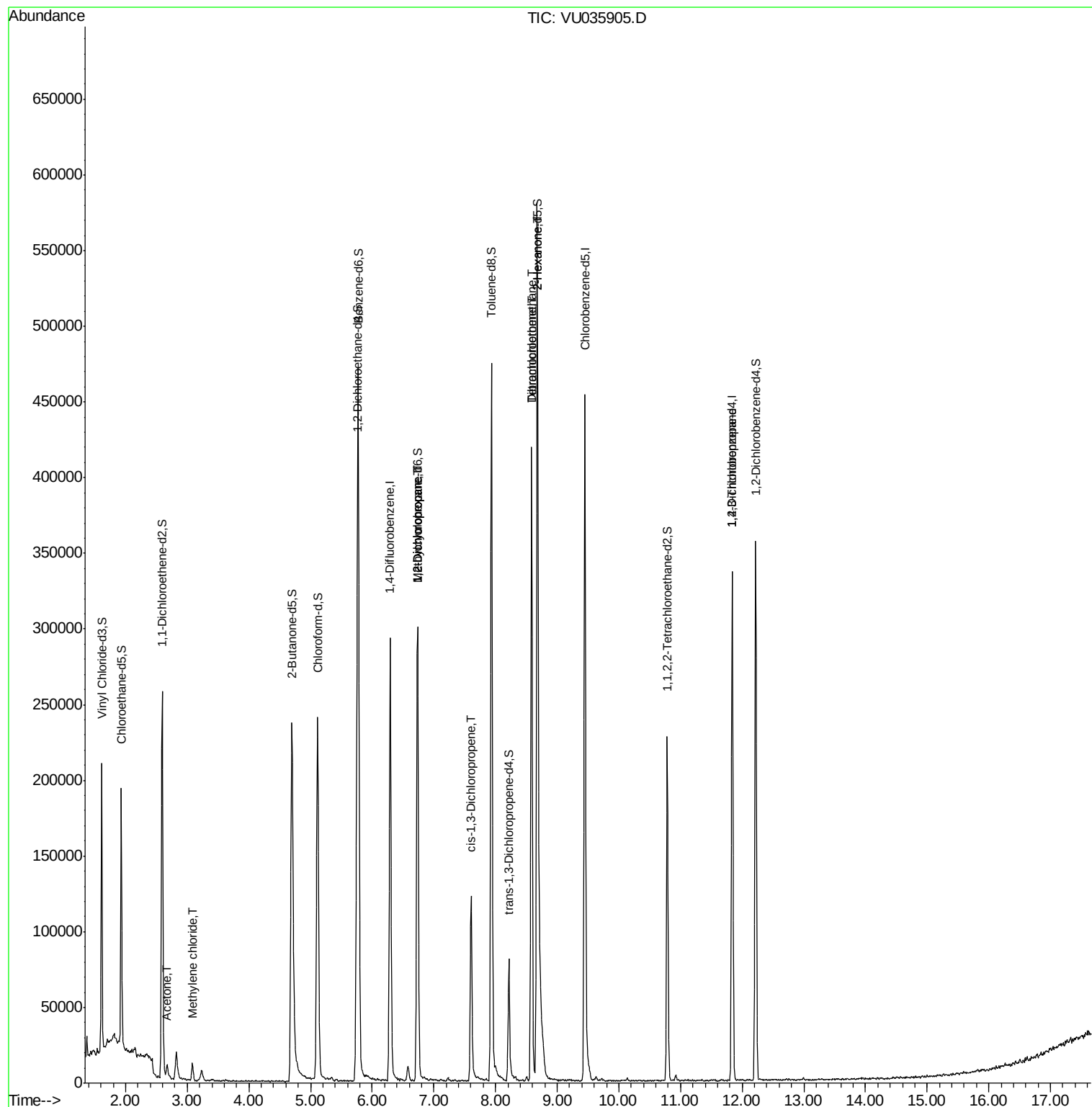
					Ovalue
13) Acetone	2.67	43	11029	1.828	ug/L 97
16) Methylene chloride	3.08	84	5201	0.182	ug/L 89
35) Methylcyclohexane	6.73	83	33760	0.846	ug/L # 14
37) 1,2-Dichloropropane	6.74	63	16155	0.513	ug/L # 90
39) cis-1,3-Dichloropropene	7.61	75	3461	0.085	ug/L # 47
47) Tetrachloroethene	8.58	164	93470	4.515	ug/L 98
48) 2-Hexanone	8.68	43	29423	2.069	ug/L # 74
49) Dibromochloromethane	8.58	129	89602	3.704	ug/L # 12
59) 1,2,3-Trichloropropane	11.84	75	12746	0.623	ug/L 92

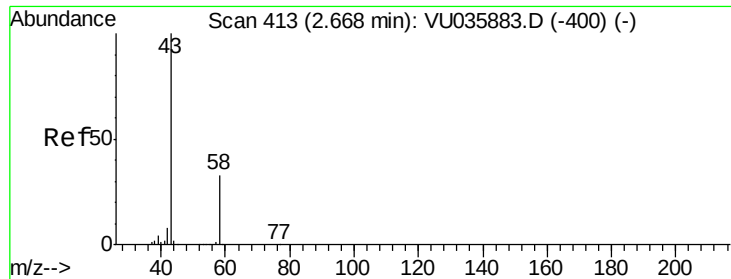
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 28 04:57:50 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.828 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035905.D

Acq: 27 Nov 2019 19:24

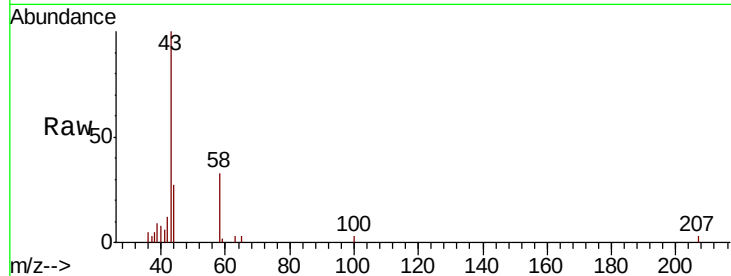
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 11029

Ion Ratio Lower Upper

43 100

58 32.3 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035883.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU035883.D (-400) (-)

2.67

6000

5000

4000

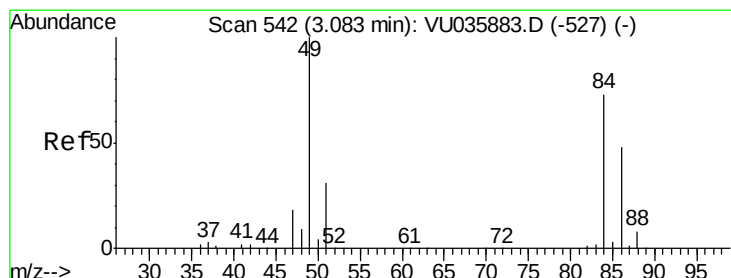
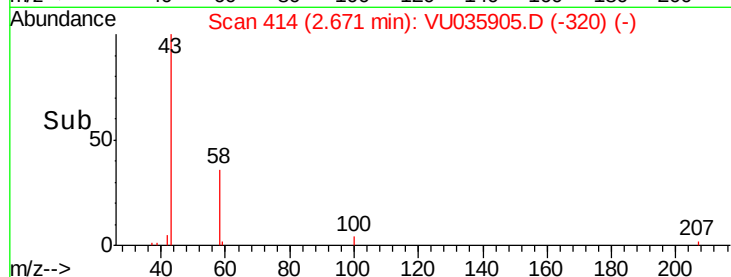
3000

2000

1000

0

Time--> 2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.182 ug/L

RT: 3.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU035905.D

Acq: 27 Nov 2019 19:24

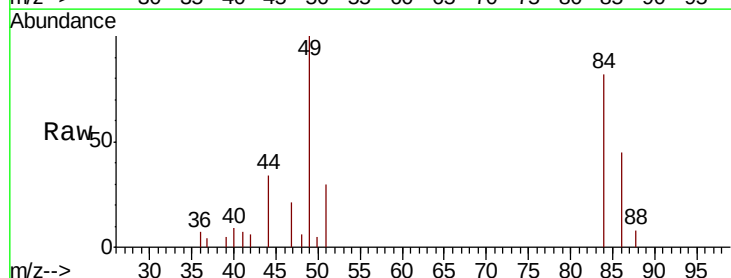
Tgt Ion: 84 Resp: 5201

Ion Ratio Lower Upper

84 100

86 54.5 44.4 82.5

49 121.4 94.0 174.6



Abundance Ion 84.05 (83.75 to 84.75): VU035883.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU035883.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU035883.D (-527) (-)

3.08

4000

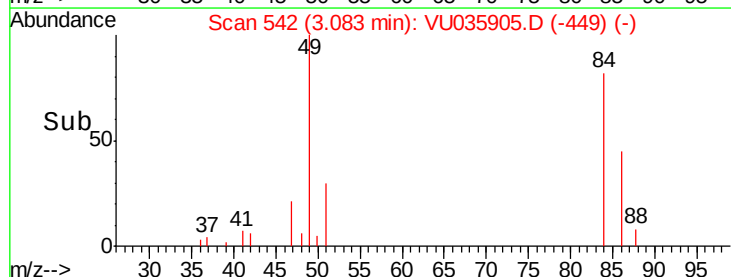
3000

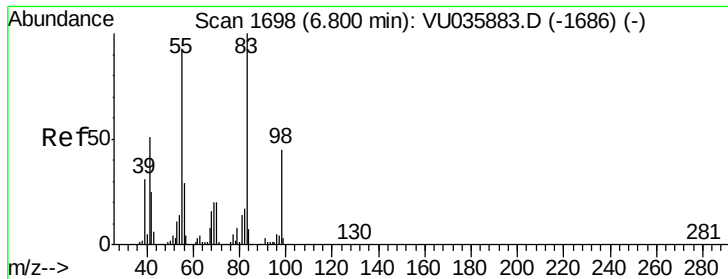
2000

1000

0

Time--> 3.05 3.10

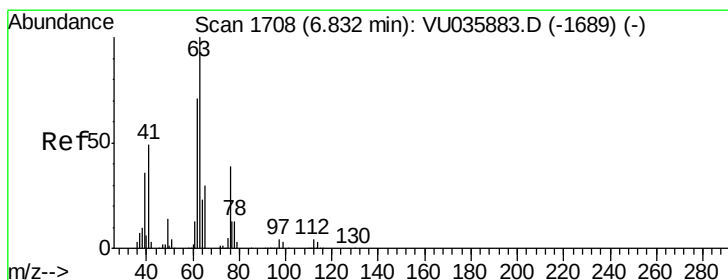
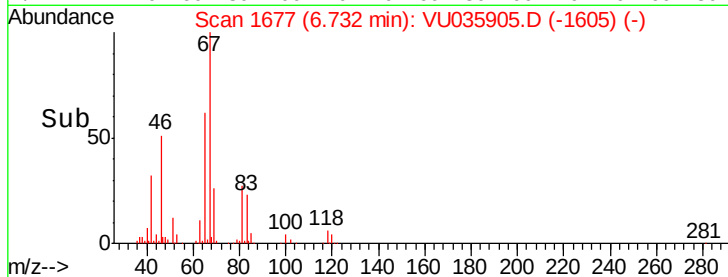
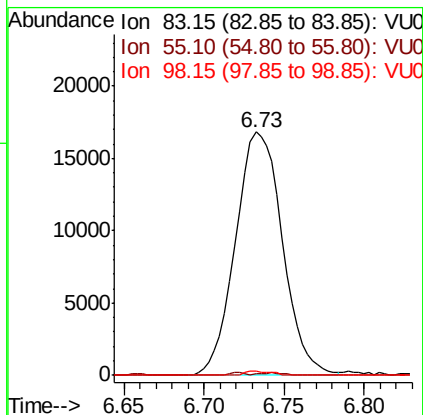
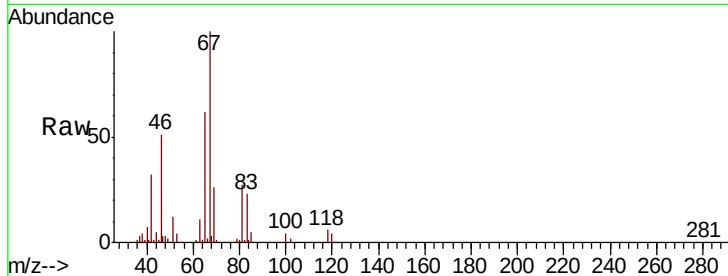




#35
Methylcyclohexane
Concen: 0.846 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035905.D
Acq: 27 Nov 2019 19:24

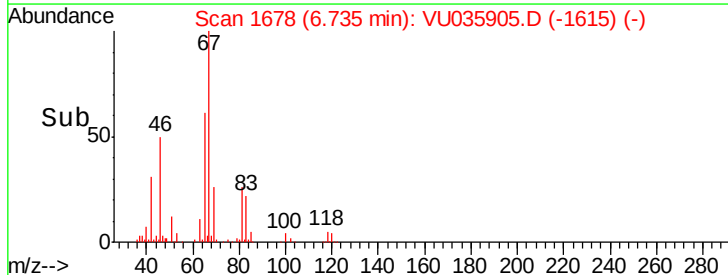
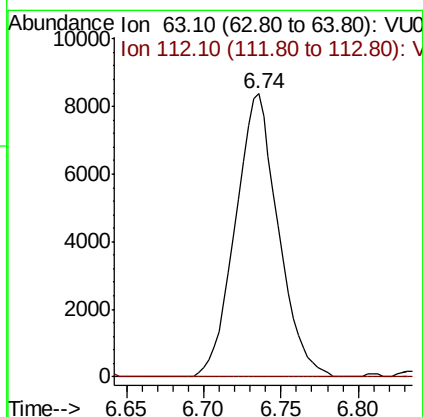
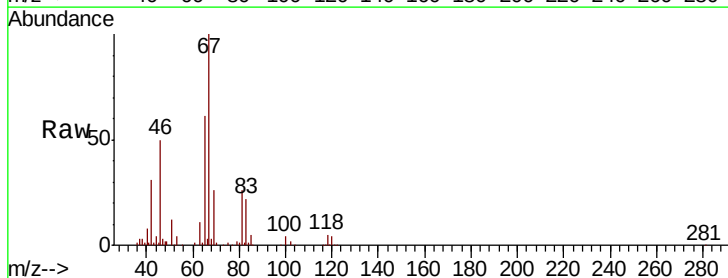
Instrument :
MSVOA_U
ClientSampleId :

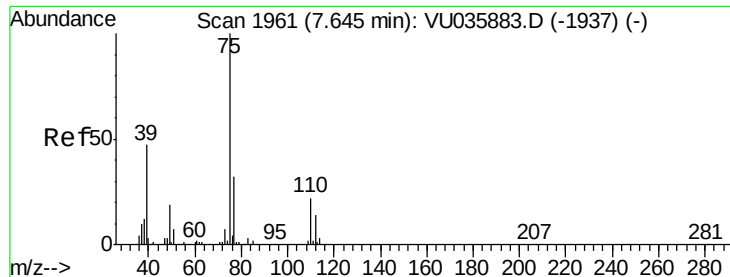
Tot Ion: 83 Resp: 33760
Ion Ratio Lower Upper
83 100
55 0.6 72.7 109.1#
98 0.9 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035905.D
Acq: 27 Nov 2019 19:24

Tgt Ion: 63 Resp: 16155
Ion Ratio Lower Upper
63 100
112 0.1 2.7 4.1#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035905.D

Acq: 27 Nov 2019 19:24

Instrument :

MSVOA_U

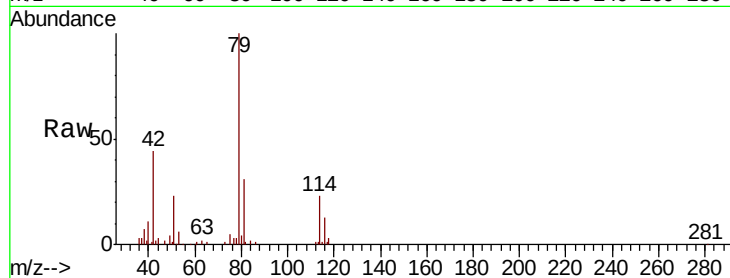
ClientSampleId :

Tot Ion: 75 Resp: 3461

Ion Ratio Lower Upper

75 100

77 61.0 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035883.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU035883.D (-1937) (-)

7.61

1500

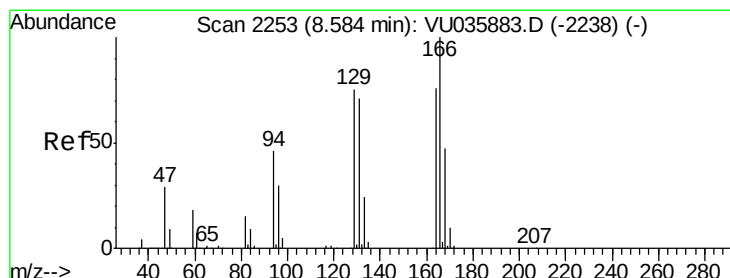
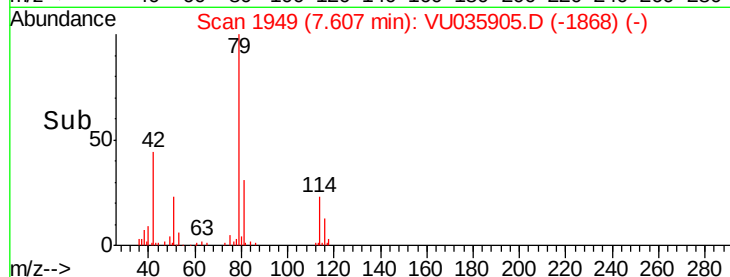
1000

500

0

7.55 7.60 7.65

Time-->



#47

Tetrachloroethene

Concen: 4.515 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035905.D

Acq: 27 Nov 2019 19:24

Tgt Ion: 164 Resp: 93470

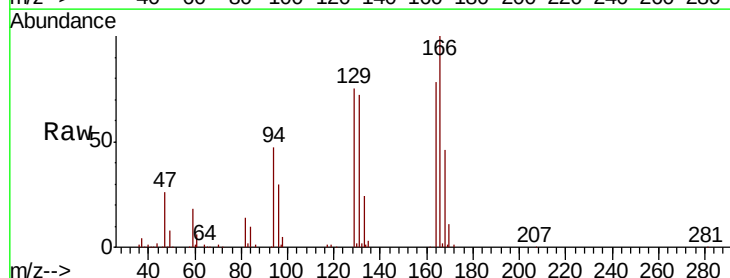
Ion Ratio Lower Upper

164 100

129 97.0 68.8 127.8

131 93.2 67.3 124.9

166 128.6 91.6 170.2



Abundance Ion 163.90 (163.60 to 164.60): VU035883.D (-2238) (-)

Ion 128.95 (128.65 to 129.65): VU035883.D (-2238) (-)

Ion 130.95 (130.65 to 131.65): VU035883.D (-2238) (-)

Ion 165.90 (165.60 to 166.60): VU035883.D (-2238) (-)

8.58

100000

80000

60000

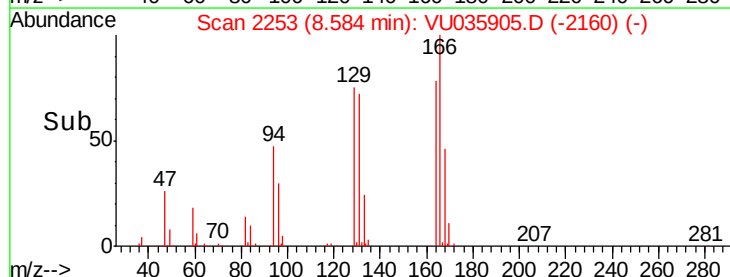
40000

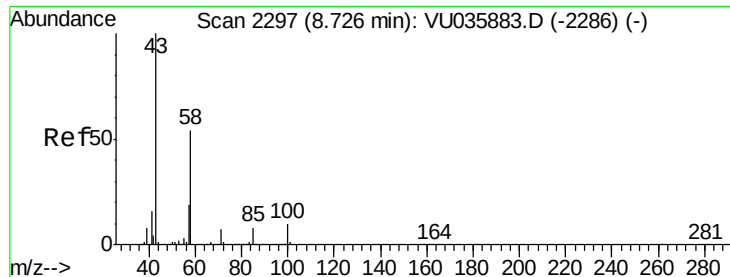
20000

0

8.50 8.55 8.60 8.65

Time-->

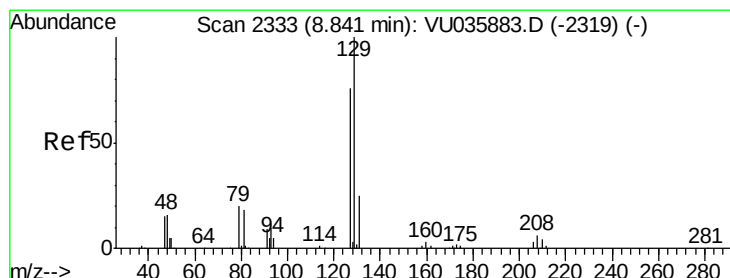
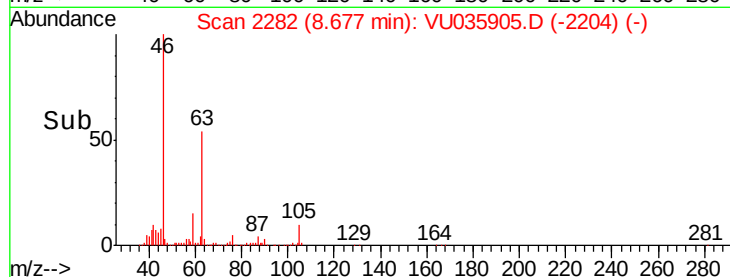
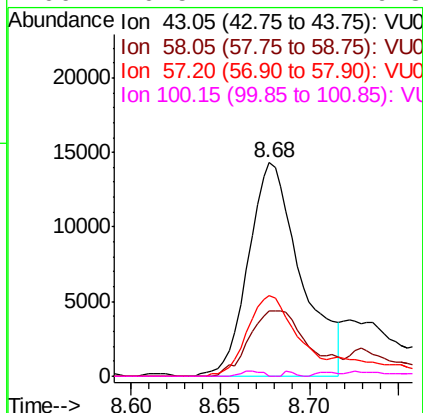
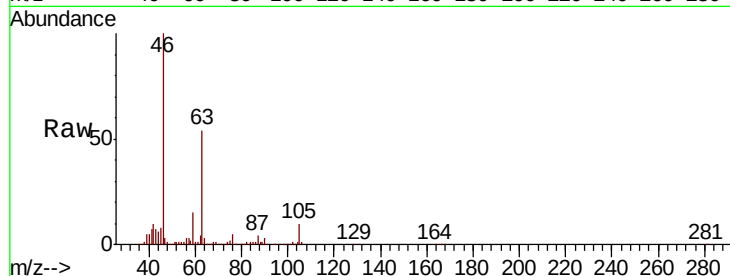




#48
2-Hexanone
Concen: 2.069 ug/L
RT: 8.68 min Scan# 2282
Delta R.T. -0.05 min
Lab File: VU035905.D
Acq: 27 Nov 2019 19:24

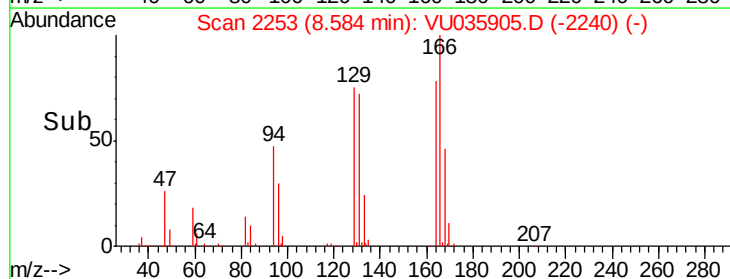
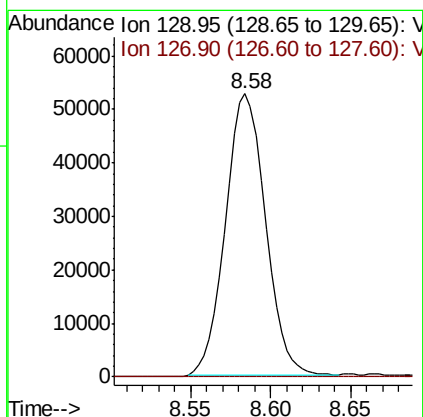
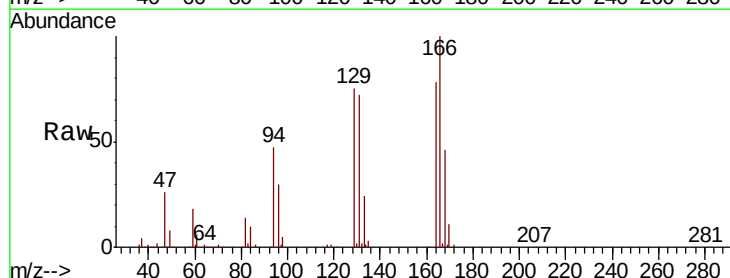
Instrument :
MSVOA_U
ClientSampleId :

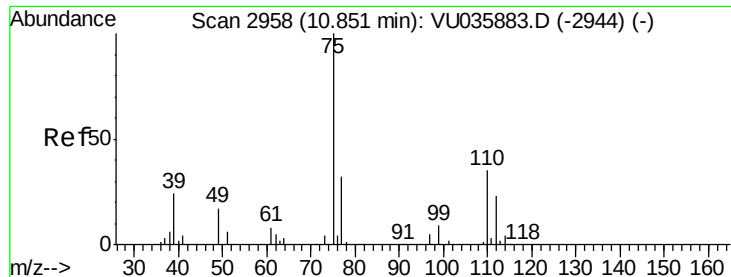
Tot Ion: 43 Resp: 29423
Ion Ratio Lower Upper
43 100
58 34.8 39.8 59.8#
57 35.5 14.0 21.0#
100 0.5 7.2 10.8#



#49
Dibromochloromethane
Concen: 3.704 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035905.D
Acq: 27 Nov 2019 19:24

Tgt Ion: 129 Resp: 89602
Ion Ratio Lower Upper
129 100
127 0.0 53.1 98.5#





#59

1,2,3-Trichloropropane

Concen: 0.623 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035905.D

Acq: 27 Nov 2019 19:24

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 12746

Ion Ratio Lower Upper

75 100

77 36.0 25.4 38.2

