

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035256.D
 Acq On : 18 Oct 2019 09:56
 Operator : JC/SP
 Sample : K5318-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 18 13:54:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 13:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	361584	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	344113	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	130658	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	104219	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.93	69	96184	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.60	63	147309	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.71	46	260538	41.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.24%
24) Chloroform-d	5.12	84	197471	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.75	65	108451	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.77	84	406854	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.74	67	126416	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.93	98	380472	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	8.22	79	55765	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.70	63	225132	42.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	103494	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.23	152	118080	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

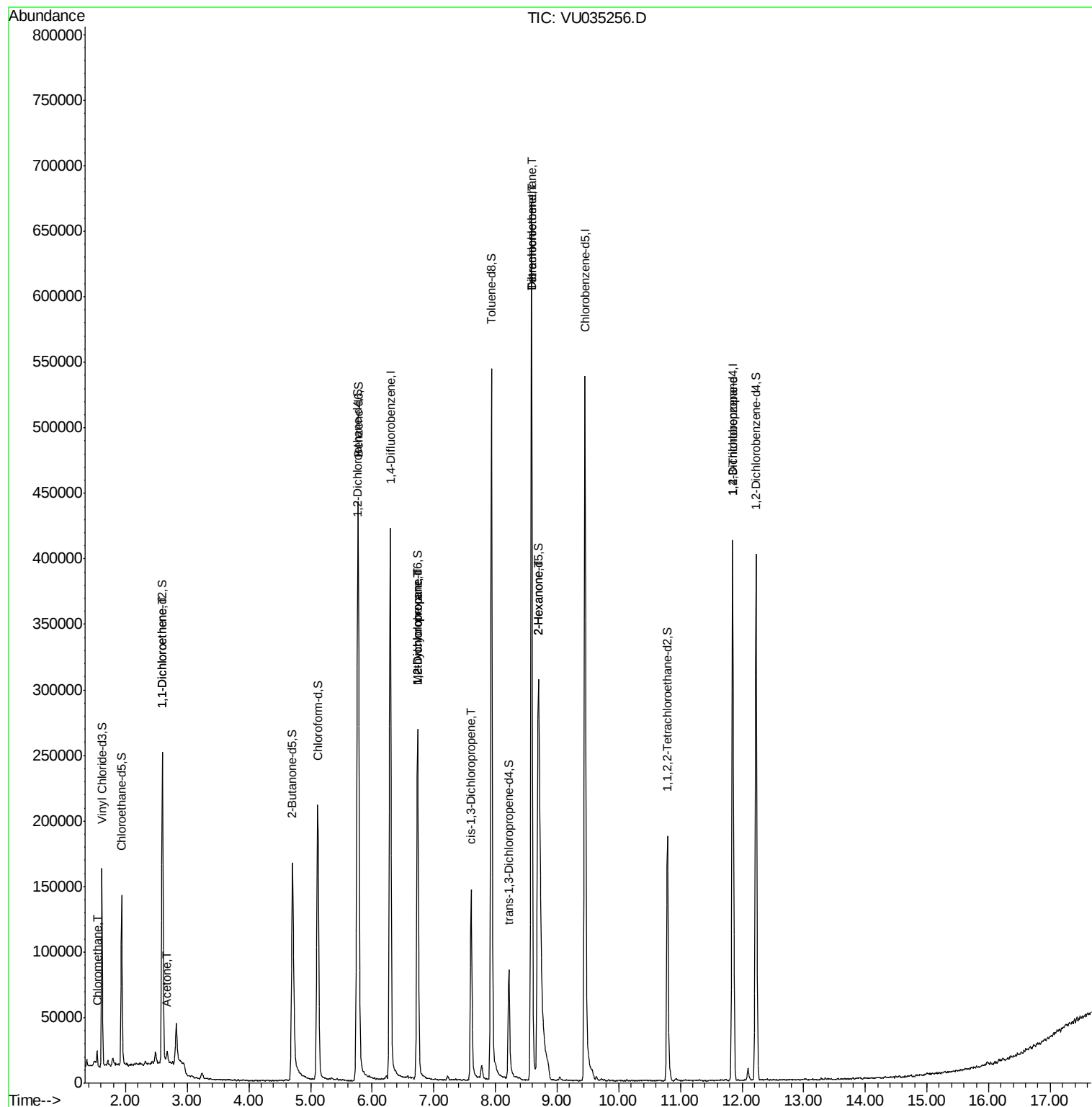
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	7825	0.256	ug/L	95
12) 1,1-Dichloroethene	2.60	96	1538	0.066	ug/L #	1
13) Acetone	2.67	43	9135	2.073	ug/L	91
35) Methylcyclohexane	6.74	83	30174	0.663	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	15135	0.589	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3929	0.091	ug/L #	50
47) Tetrachloroethene	8.58	164	157863	6.961	ug/L	99
48) 2-Hexanone	8.70	43	38188	3.138	ug/L #	48
49) Dibromochloromethane	8.58	129	139330	5.759	ug/L #	11
59) 1,2,3-Trichloropropane	11.85	75	15235	0.851	ug/L	90

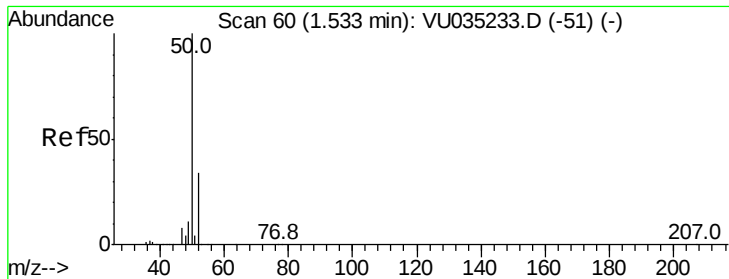
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.256 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.01 min

Lab File: VU035256.D

Acq: 18 Oct 2019 09:56

Instrument :

MSVOA_U

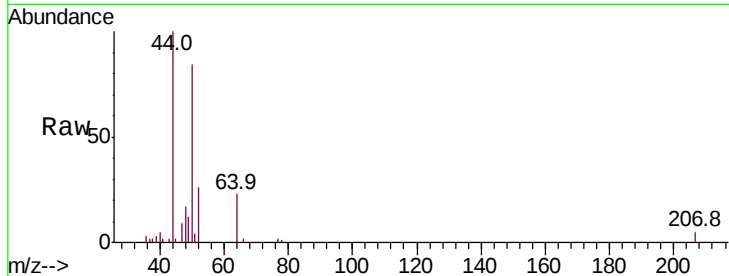
ClientSampleId :

Tot Ion: 50 Resp: 7825

Ion Ratio Lower Upper

50 100

52 30.6 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VU035233.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU035256.D (-31) (-)

8000

6000

4000

2000

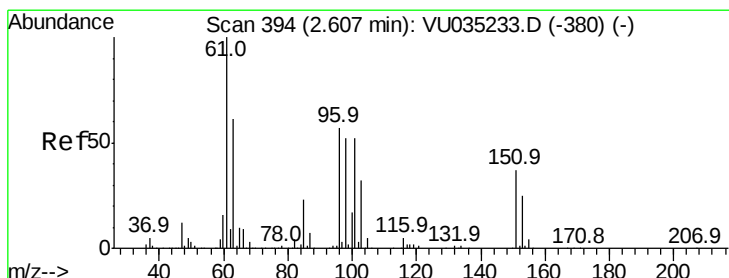
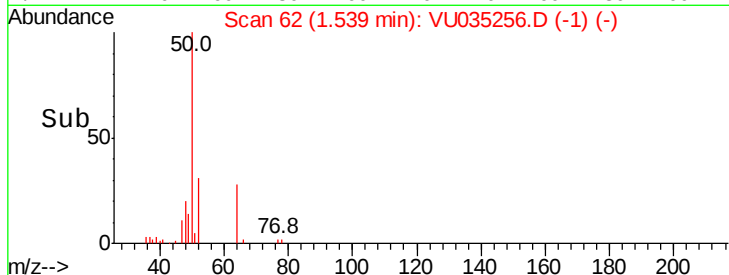
0

1.54

1.50

1.55

Time-->



#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU035256.D

Acq: 18 Oct 2019 09:56

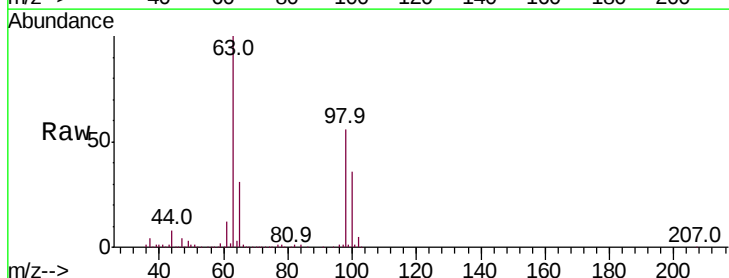
Tgt Ion: 96 Resp: 1538

Ion Ratio Lower Upper

96 100

61 1238.5 120.6 224.0#

63 10429.0 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU035233.D (-380) (-)

Ion 61.05 (60.75 to 61.75): VU035256.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035256.D (-301) (-)

120000

100000

80000

60000

40000

20000

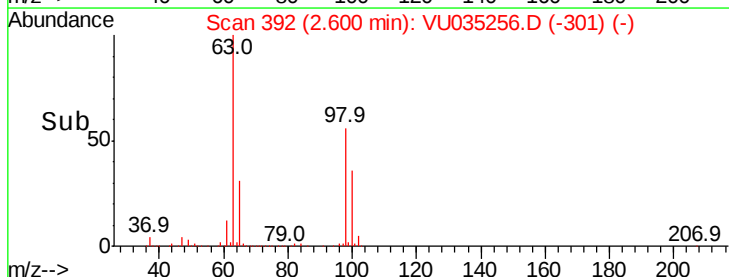
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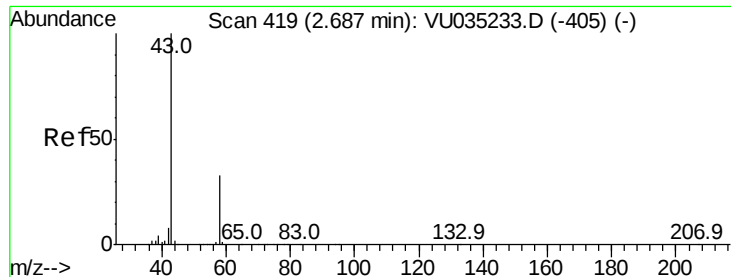
2.60

2.55

2.65

Time-->





#13

Acetone

Concen: 2.073 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU035256.D

Acq: 18 Oct 2019 09:56

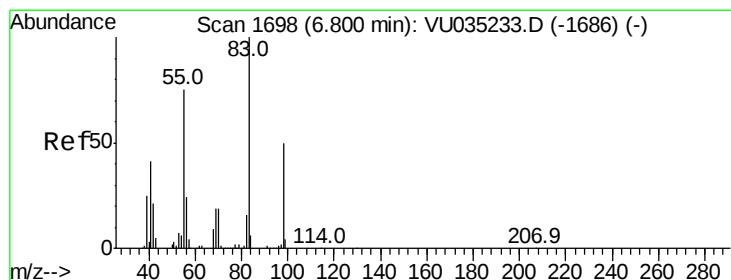
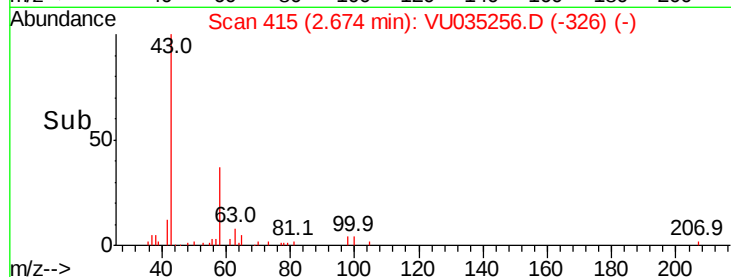
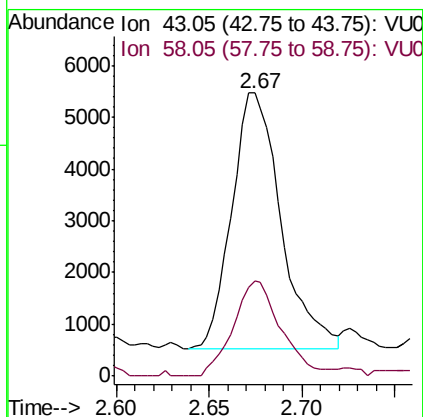
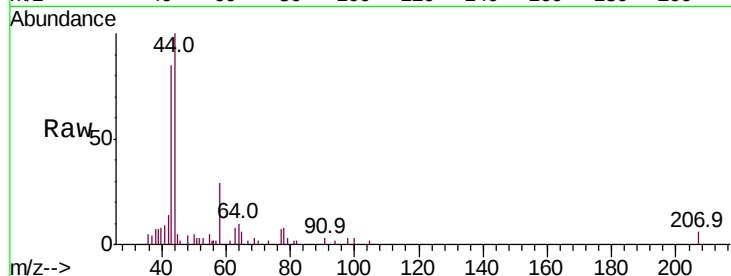
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 9135

Ion Ratio Lower Upper

43 100

58 35.9 0.0 61.8



#35

Methylcyclohexane

Concen: 0.663 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035256.D

Acq: 18 Oct 2019 09:56

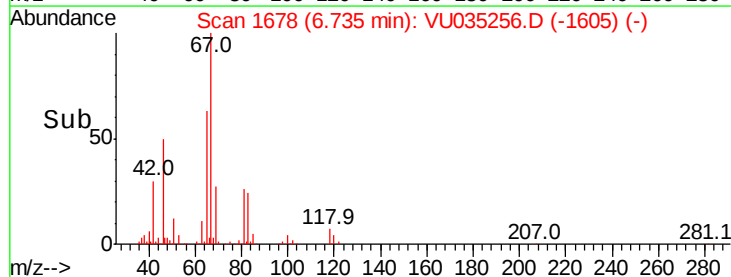
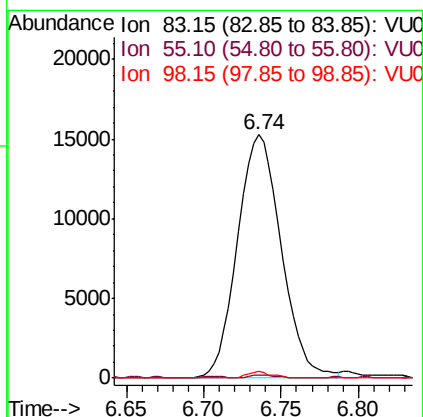
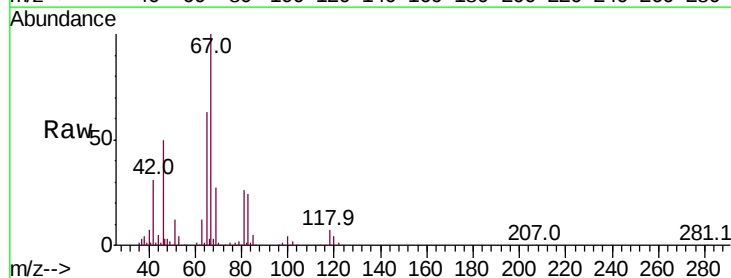
Tgt Ion: 83 Resp: 30174

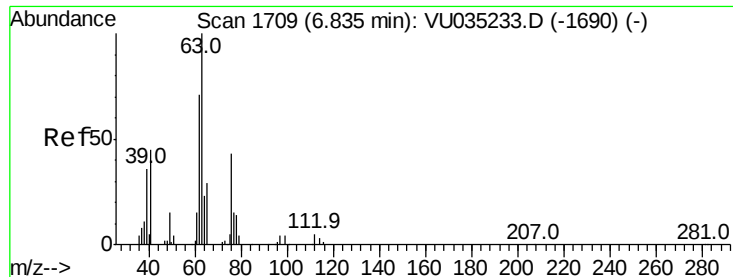
Ion Ratio Lower Upper

83 100

55 0.7 60.4 90.6#

98 1.4 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.589 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035256.D

Acq: 18 Oct 2019 09:56

Instrument :

MSVOA_U

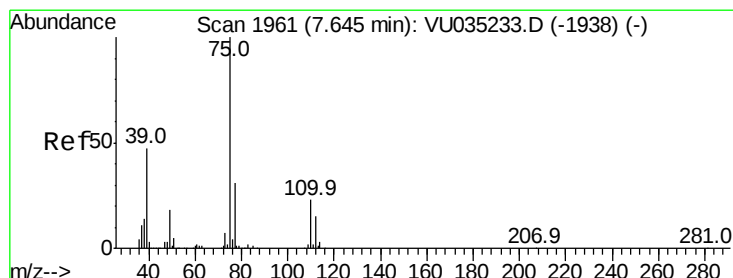
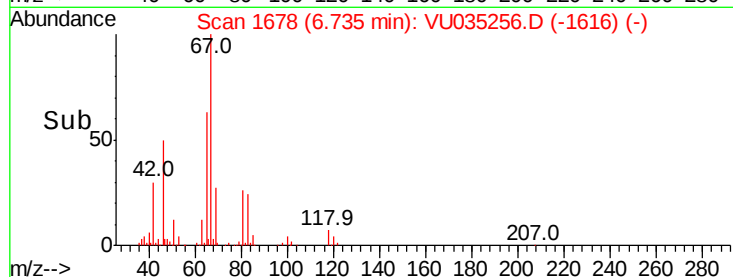
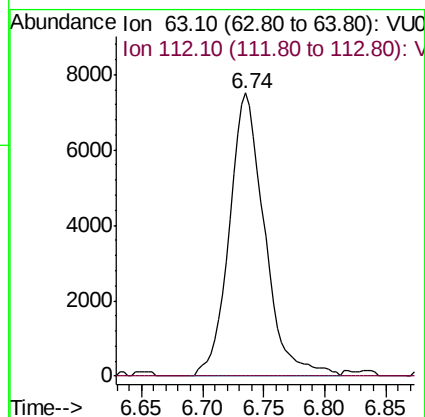
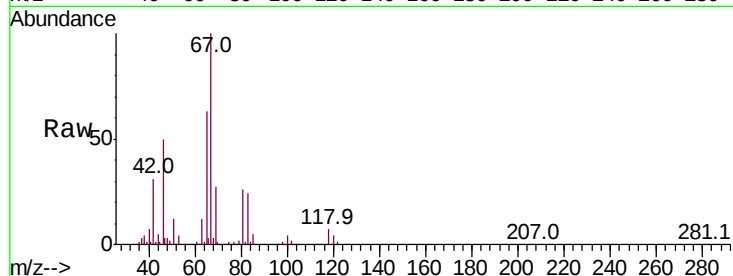
ClientSampleId :

Tot Ion: 63 Resp: 15135

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035256.D

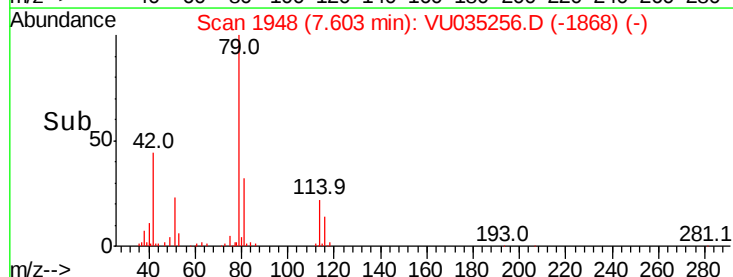
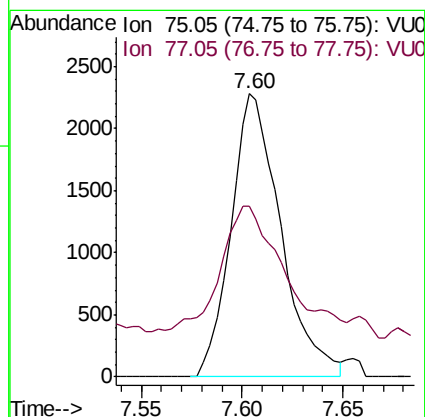
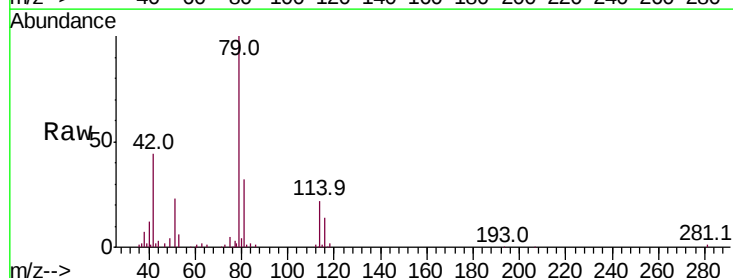
Acq: 18 Oct 2019 09:56

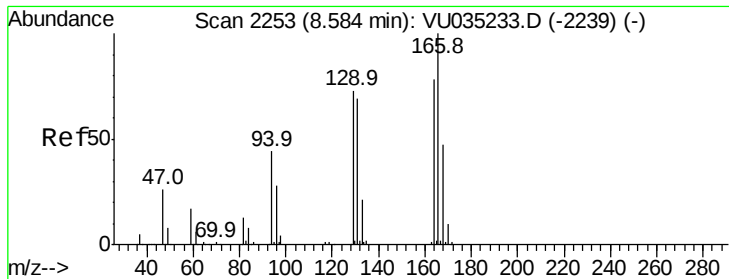
Tgt Ion: 75 Resp: 3929

Ion Ratio Lower Upper

75 100

77 60.5 22.7 42.1#

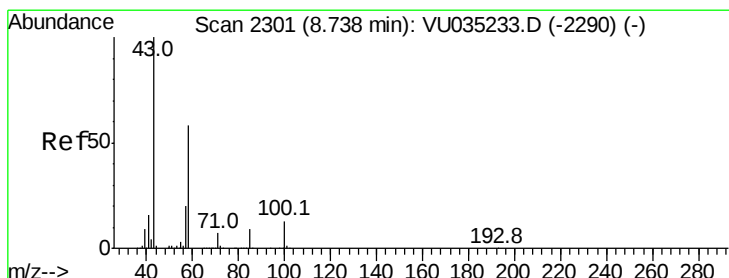
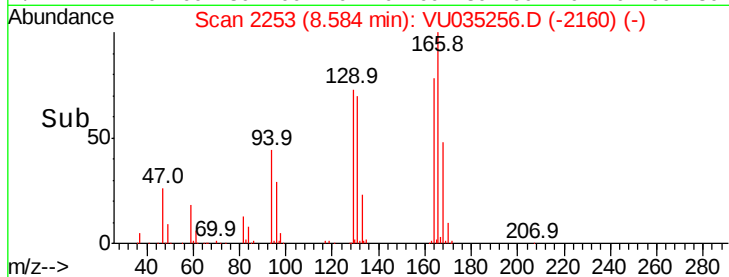
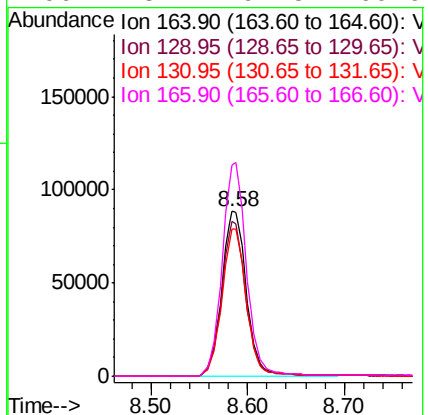
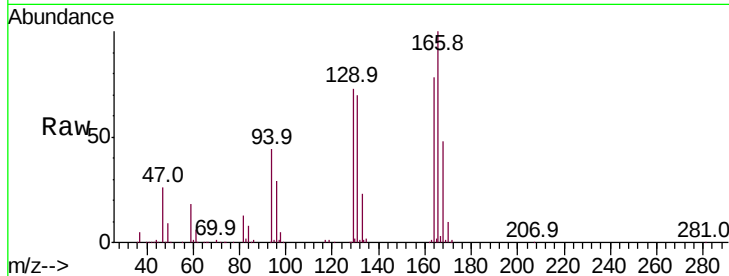




#47
Tetrachloroethene
Concen: 6.961 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU035256.D
Acq: 18 Oct 2019 09:56

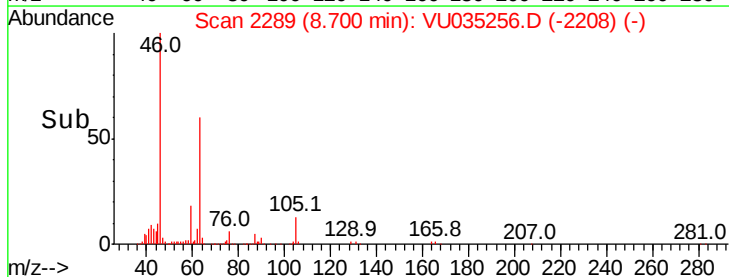
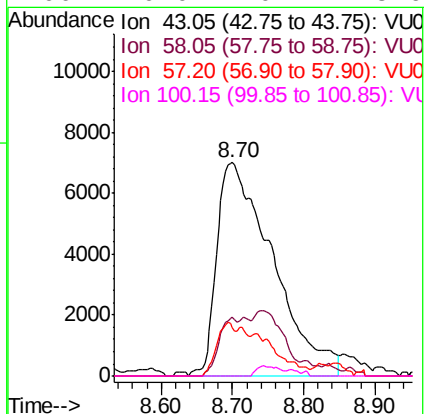
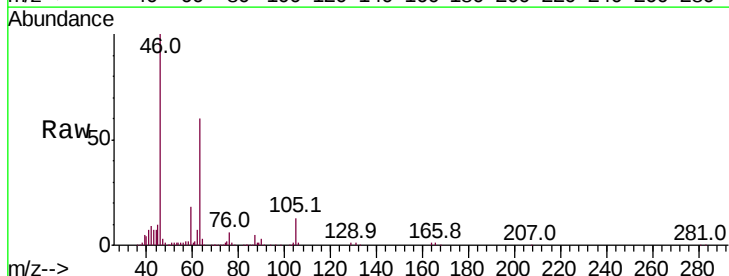
Instrument :
MSVOA_U
ClientSampleId :

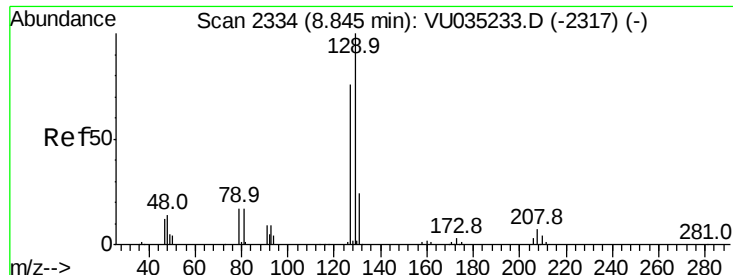
Tot Ion	Ratio	Lower	Upper
164	100		
129	93.8	65.2	121.0
131	89.5	62.9	116.9
166	128.4	91.5	169.9



#48
2-Hexanone
Concen: 3.138 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. -0.04 min
Lab File: VU035256.D
Acq: 18 Oct 2019 09:56

Tgt Ion	Ratio	Lower	Upper
43	100		
58	8.8	45.1	67.7#
57	7.8	16.0	24.0#
100	0.0	10.4	15.6#





#49

Dibromochloromethane

Concen: 5.759 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU035256.D

Acq: 18 Oct 2019 09:56

Instrument :

MSVOA_U

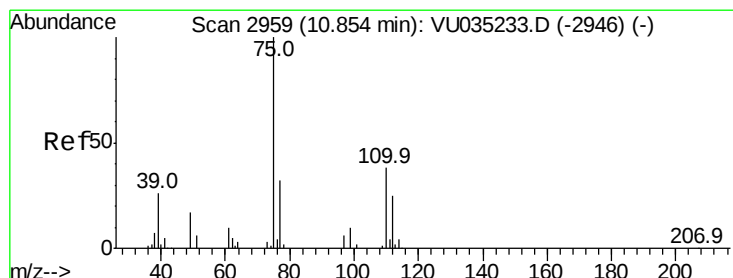
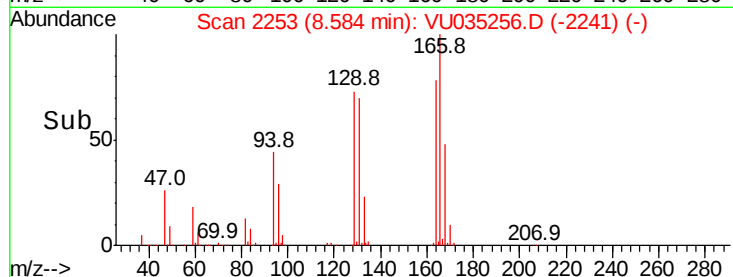
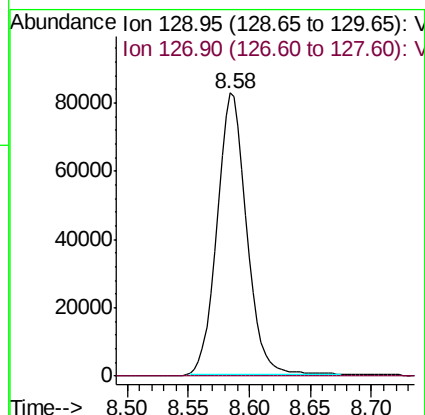
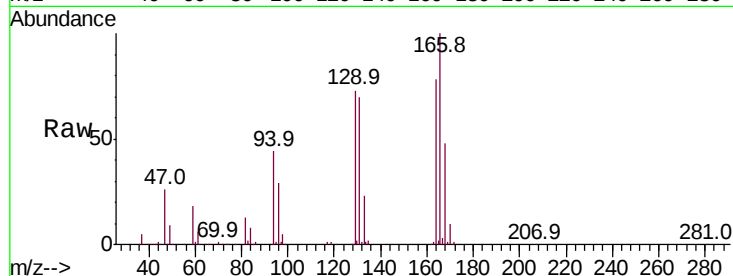
ClientSampleId :

Tot Ion:129 Resp: 139330

Ion Ratio Lower Upper

129 100

127 0.3 53.8 99.8#



#59

1,2,3-Trichloropropane

Concen: 0.851 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. 0.99 min

Lab File: VU035256.D

Acq: 18 Oct 2019 09:56

Tgt Ion: 75 Resp: 15235

Ion Ratio Lower Upper

75 100

77 38.4 26.2 39.2

