

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035257.D
 Acq On : 18 Oct 2019 10:18
 Operator : JC/SP
 Sample : K5318-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 18 13:54:44 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	347811	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	342349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	126417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	100438	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.93	69	91904	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.60	63	140362	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.71	46	265144	43.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.02%
24) Chloroform-d	5.12	84	191791	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.75	65	108250	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.77	84	393327	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.74	67	124383	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.93	98	370700	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	8.22	79	53531	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.70	63	227839	42.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.64%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	100092	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.23	152	115351	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

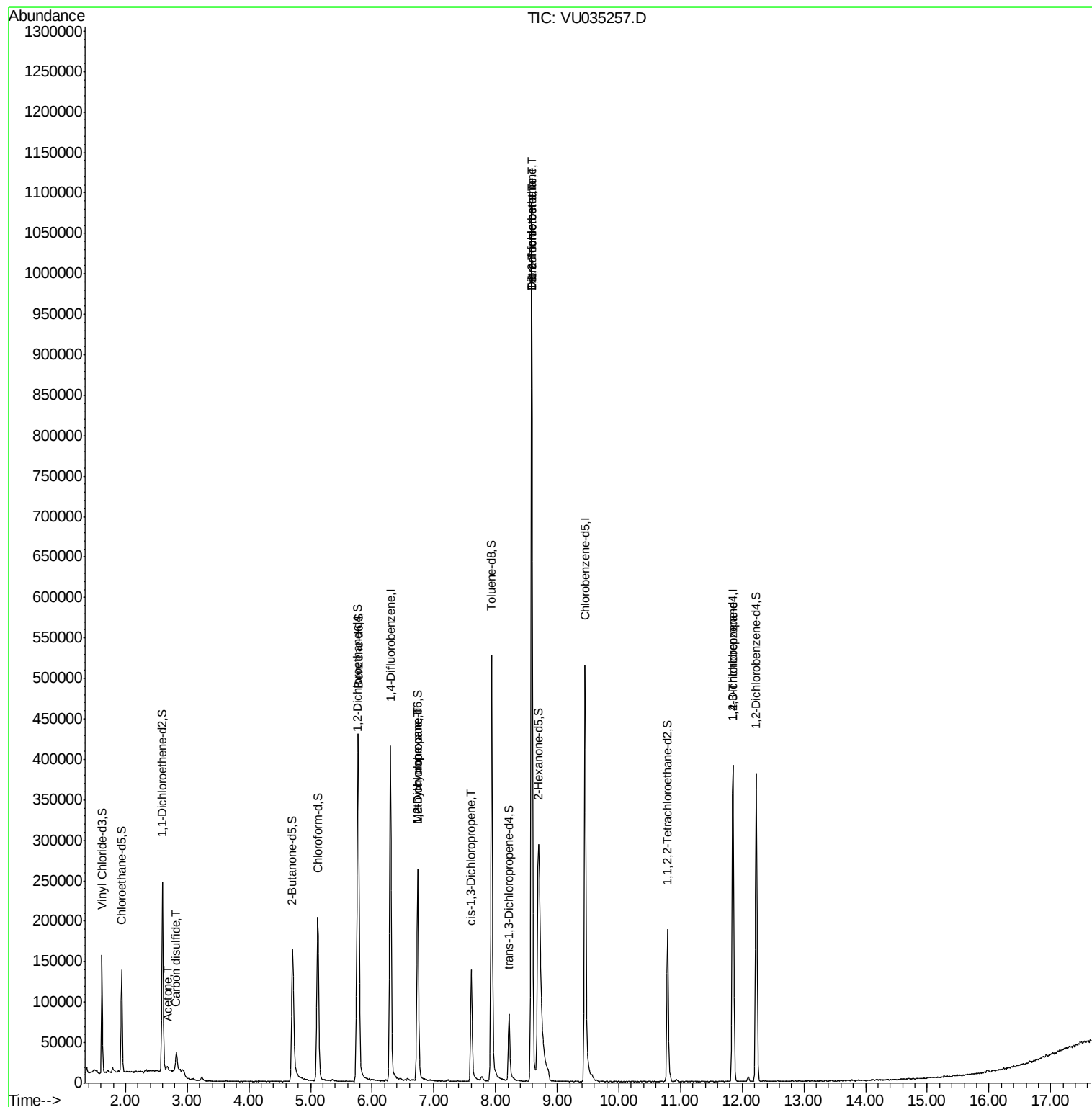
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	6166	1.454	ug/L	87
14) Carbon disulfide	2.83	76	6016	0.085	ug/L #	68
35) Methylcyclohexane	6.74	83	30032	0.664	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	13391	0.524	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3475	0.081	ug/L #	39
45) 1,1,2-Trichloroethane	8.58	97	2104	0.111	ug/L #	1
47) Tetrachloroethene	8.58	164	257797	11.427	ug/L	97
49) Dibromochloromethane	8.58	129	222727	9.254	ug/L #	11
59) 1,2,3-Trichloropropane	11.85	75	15714	0.882	ug/L #	88

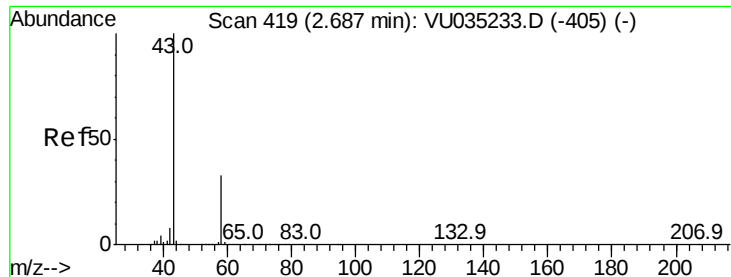
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.454 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU035257.D

Acq: 18 Oct 2019 10:18

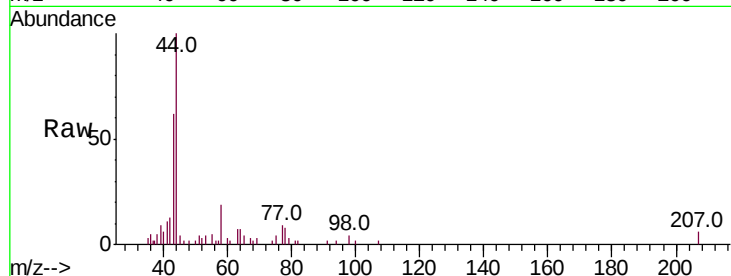
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 6166

Ion Ratio Lower Upper

43 100

58 38.3 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035233.D (-405) (-)

Ion 58.05 (57.75 to 58.75): VU035233.D (-405) (-)

2.68

4000

3000

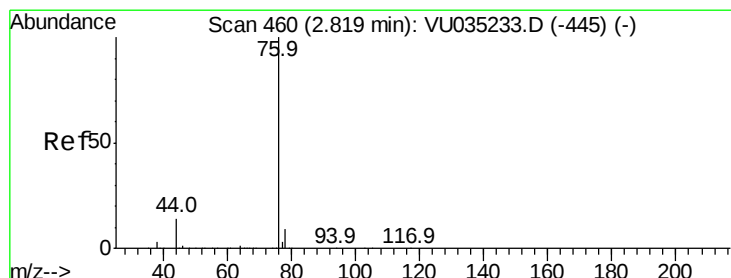
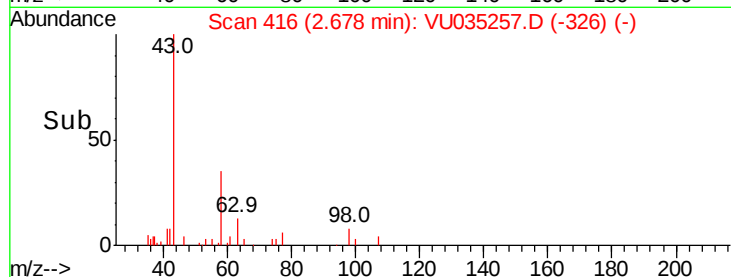
2000

1000

0

2.65 2.70 2.75

Time-->



#14

Carbon disulfide

Concen: 0.085 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.01 min

Lab File: VU035257.D

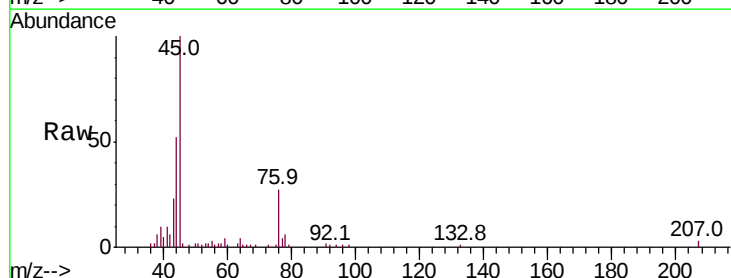
Acq: 18 Oct 2019 10:18

Tgt Ion: 76 Resp: 6016

Ion Ratio Lower Upper

76 100

78 21.2 7.6 11.4#



Abundance Ion 76.05 (75.75 to 76.75): VU035233.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU035233.D (-445) (-)

2.83

4000

3000

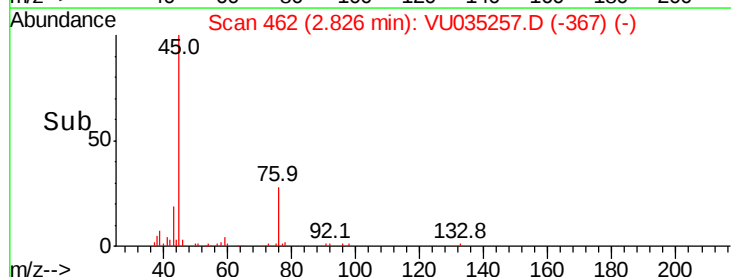
2000

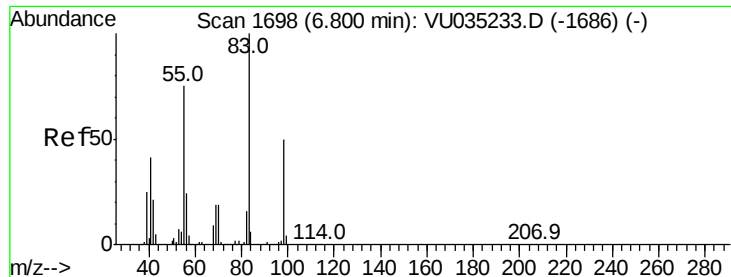
1000

0

2.80 2.85

Time-->

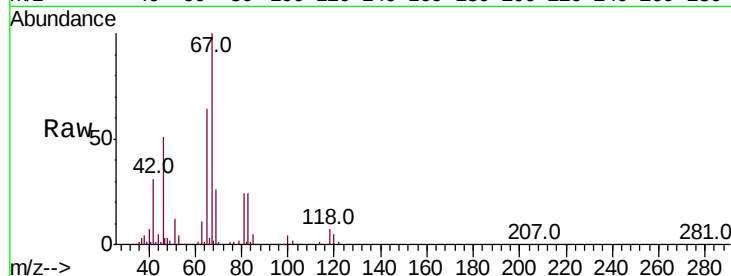




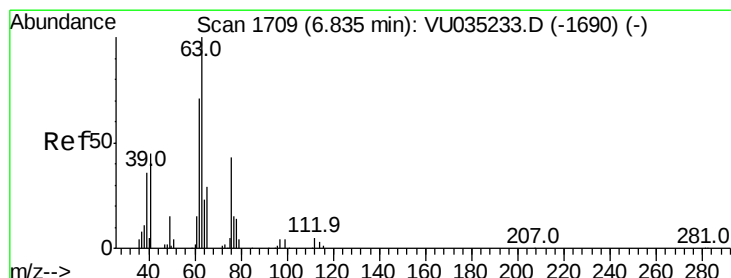
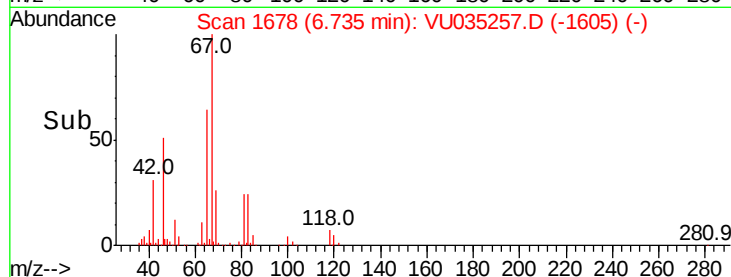
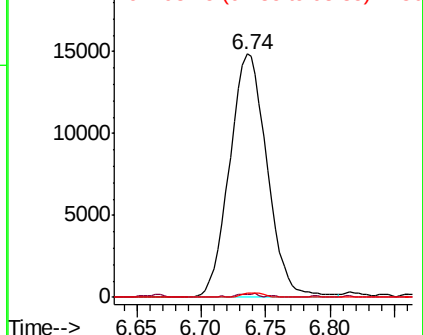
#35
Methylcyclohexane
Concen: 0.664 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035257.D
Acq: 18 Oct 2019 10:18

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 30032
Ion Ratio Lower Upper
83 100
55 0.7 60.4 90.6#
98 1.1 39.5 59.3#

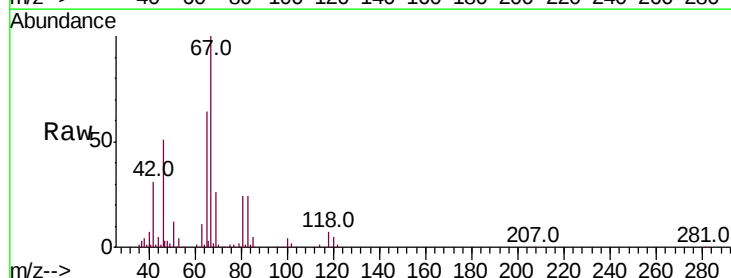


Abundance Ion 83.15 (82.85 to 83.85): VU0
20000 Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

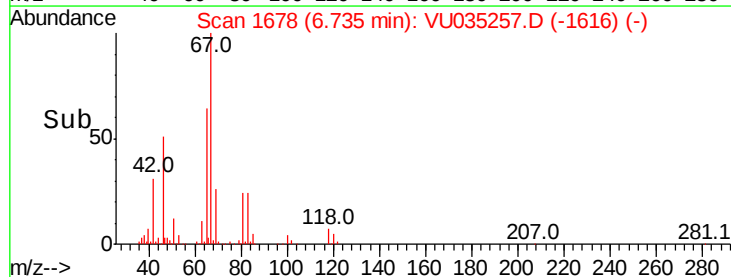
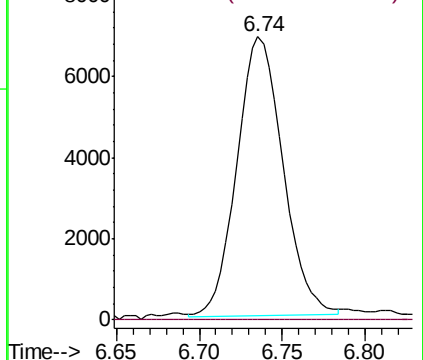


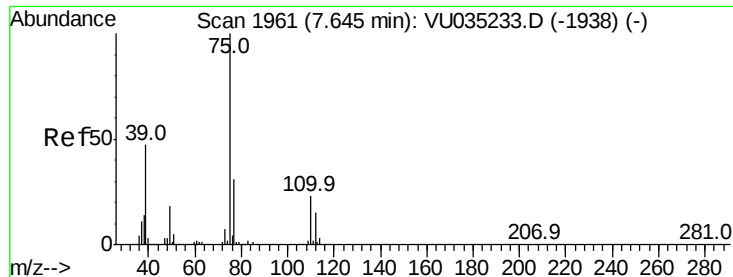
#37
1,2-Dichloropropane
Concen: 0.524 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035257.D
Acq: 18 Oct 2019 10:18

Tgt Ion: 63 Resp: 13391
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
8000 Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035257.D

Acq: 18 Oct 2019 10:18

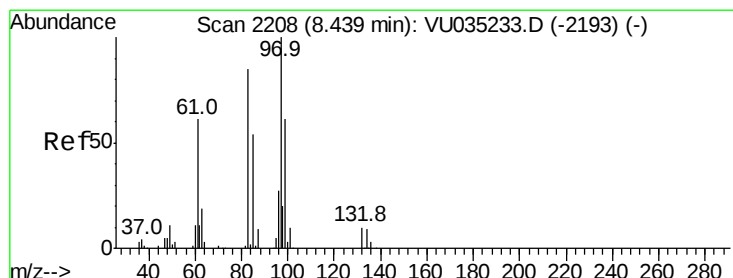
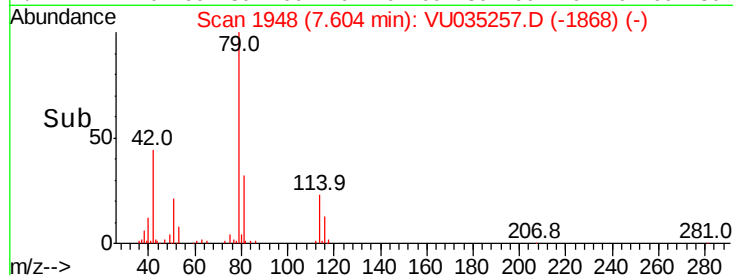
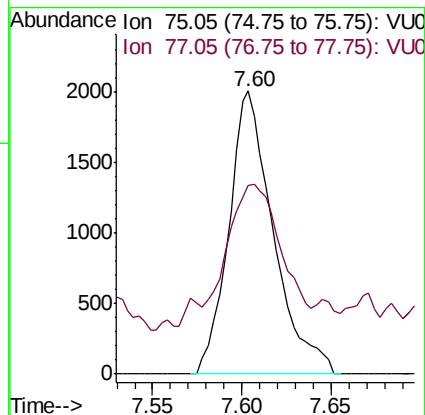
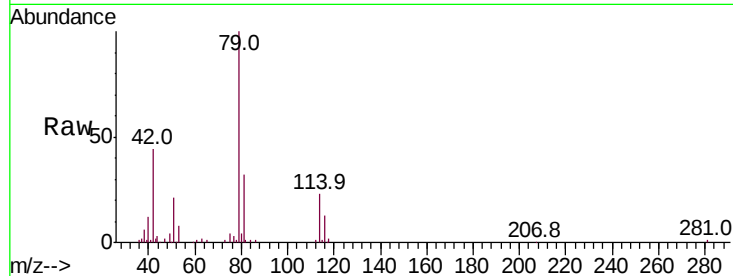
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 3475

Ion Ratio Lower Upper

75 100

77 66.7 22.7 42.1#



#45

1,1,2-Trichloroethane

Concen: 0.111 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.14 min

Lab File: VU035257.D

Acq: 18 Oct 2019 10:18

Tgt Ion: 97 Resp: 2104

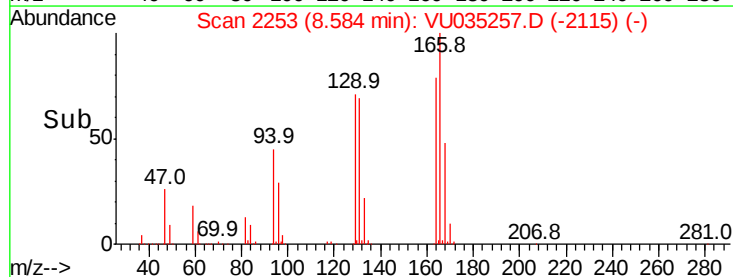
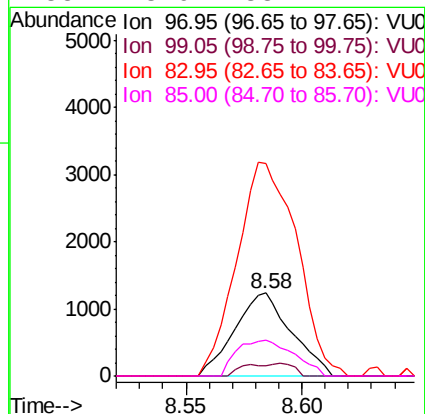
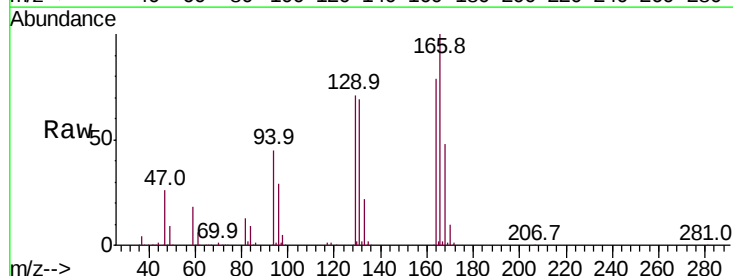
Ion Ratio Lower Upper

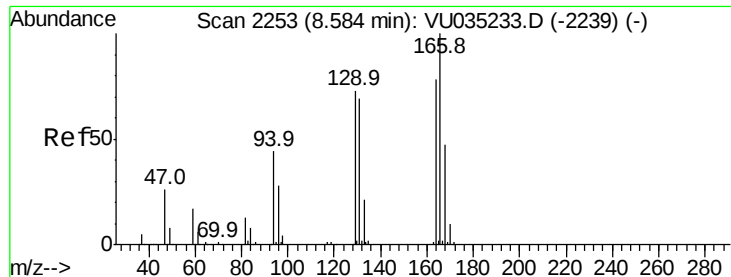
97 100

99 12.2 42.9 79.7#

83 255.9 60.4 112.2#

85 43.9 38.4 71.2

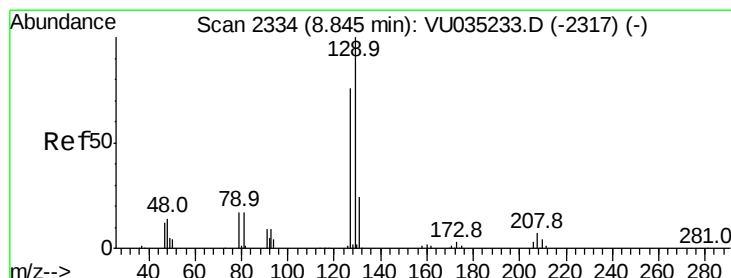
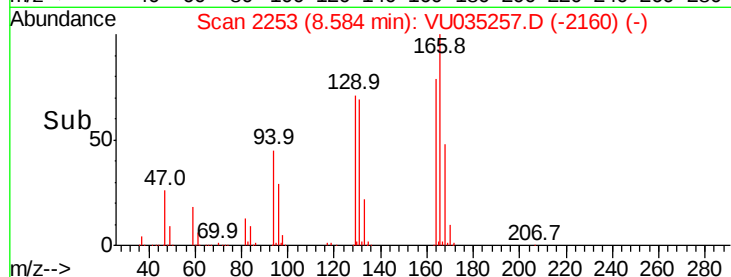
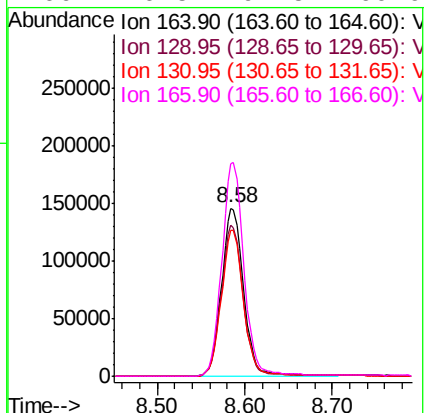
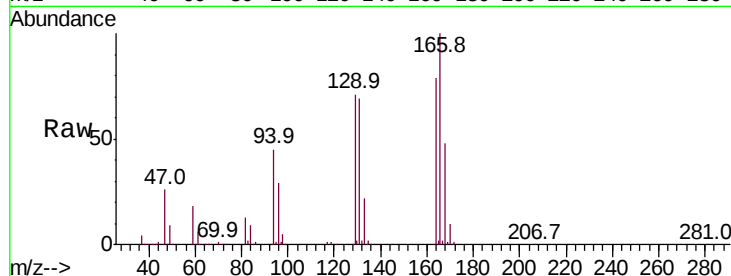




#47
Tetrachloroethene
Concen: 11.427 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU035257.D
Acq: 18 Oct 2019 10:18

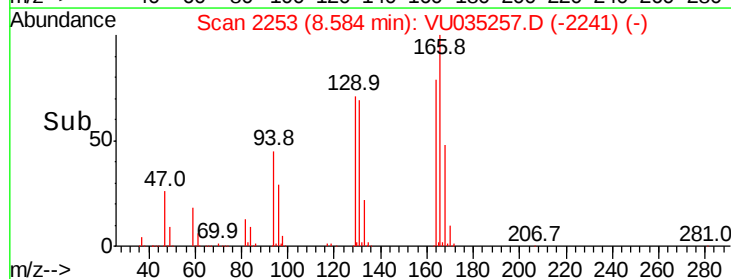
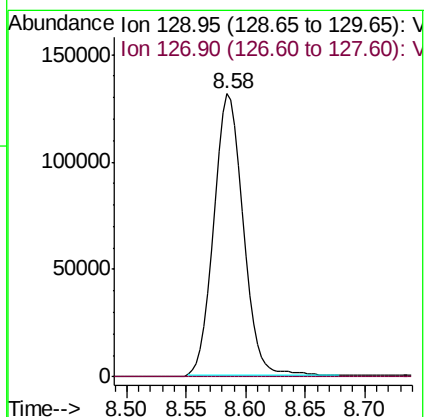
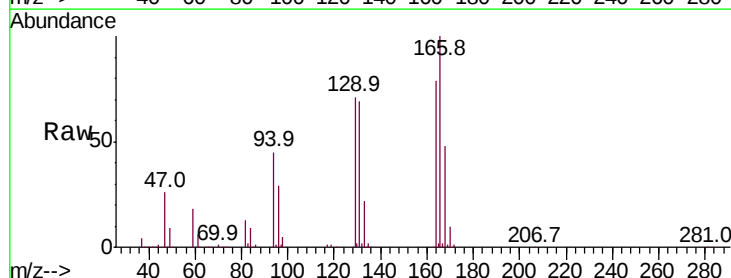
Instrument :
MSVOA_U
ClientSampleId :

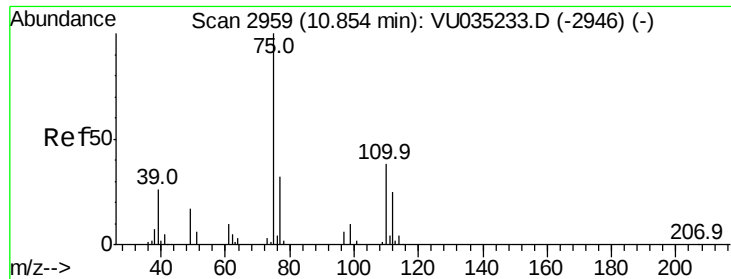
Tot Ion	Ratio	Lower	Upper
164	100		
129	90.1	65.2	121.0
131	87.0	62.9	116.9
166	126.5	91.5	169.9



#49
Dibromochloromethane
Concen: 9.254 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035257.D
Acq: 18 Oct 2019 10:18

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#59

1,2,3-Trichloropropane

Concen: 0.882 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. 0.99 min

Lab File: VU035257.D

Acq: 18 Oct 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 15714

Ion Ratio Lower Upper

75 100

77 39.3 26.2 39.2#

