

Data File : VU036177.D
Acq On : 13 Dec 2019 02:51
Operator : JC/MD
Sample : K6273-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDR7

Quant Time: Dec 13 04:24:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 02:41:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	277190	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	299799	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	119397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	142735	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.93	69	124139	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.59	63	143965	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.70	46	190388	42.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.38%
24) Chloroform-d	5.11	84	203168	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.75	65	107157	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.77	84	388871	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.73	67	130519	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.93	98	323839	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.21	79	45426	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.67	63	177081	46.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.42%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	108857	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	119934	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

					Qvalue
5) Vinyl chloride	1.62	62	32303	0.873 ug/L	97
12) 1,1-Dichloroethene	2.60	96	5477	0.262 ug/L #	1
13) Acetone	2.69	43	7960	2.028 ug/L	88
14) Carbon disulfide	2.82	76	57558	0.829 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	14312	0.660 ug/L	94
19) 1,1-Dichloroethane	3.92	63	9370	0.235 ug/L	89
22) cis-1,2-Dichloroethene	4.72	96	116418	5.219 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	6719	0.183 ug/L #	72
34) Trichloroethene	6.58	95	1372392	58.196 ug/L	99
37) 1,2-Dichloropropane	6.73	63	14536	0.611 ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	2884	0.092 ug/L #	23
47) Tetrachloroethene	8.58	164	2613	0.126 ug/L	91
48) 2-Hexanone	8.73	43	9326	1.059 ug/L #	83
49) Dibromochloromethane	8.58	129	2439	0.112 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	13446	0.857 ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121219\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 02:41:23 2019
Response via : Initial Calibration

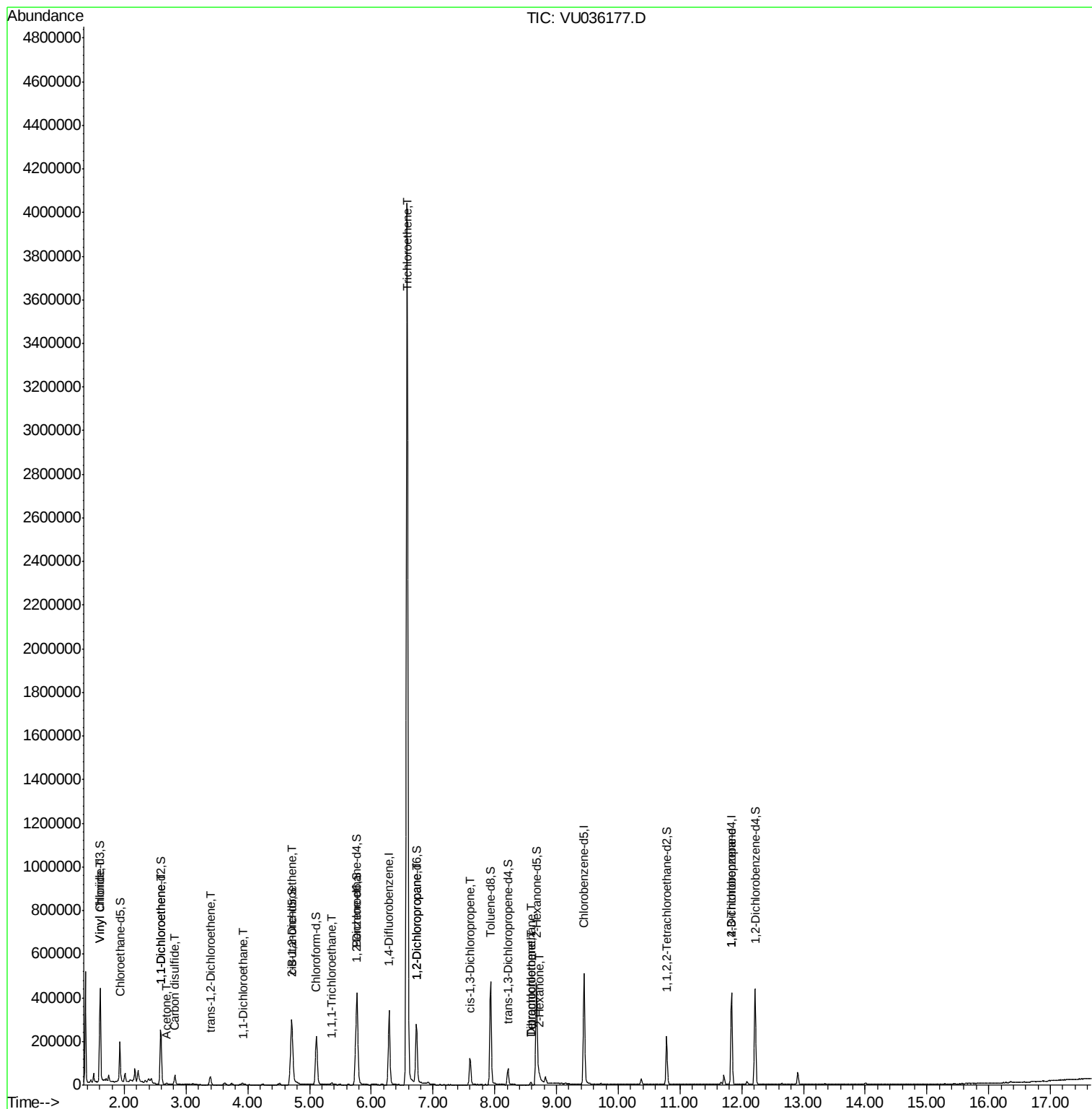
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

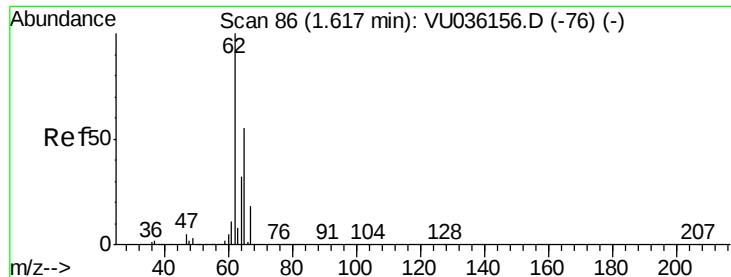
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.873 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU036177.D

Acq: 13 Dec 2019 02:51

Instrument :

MSVOA_U

ClientSampleId :

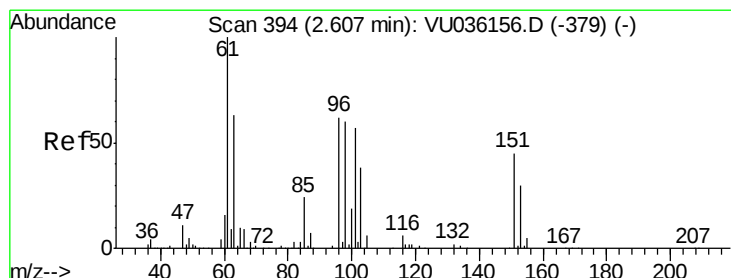
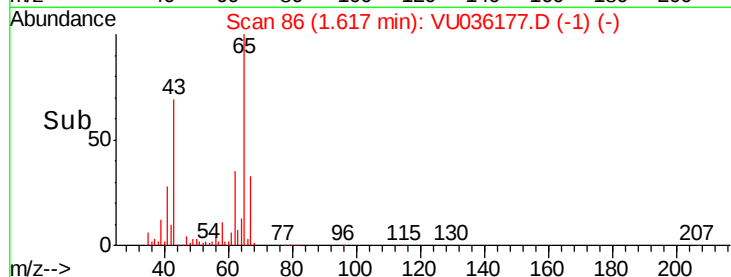
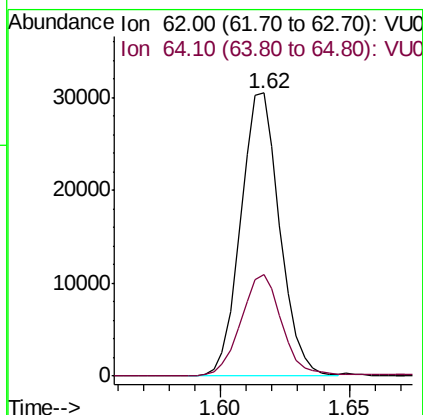
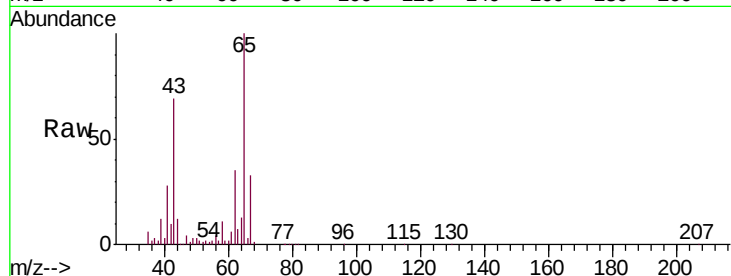
BFDR7

Tgt Ion: 62 Resp: 32303

Ion Ratio Lower Upper

62 100

64 36.0 24.0 44.6



#12

1,1-Dichloroethene

Concen: 0.262 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU036177.D

Acq: 13 Dec 2019 02:51

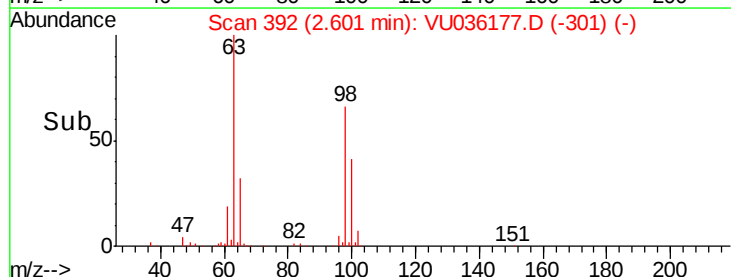
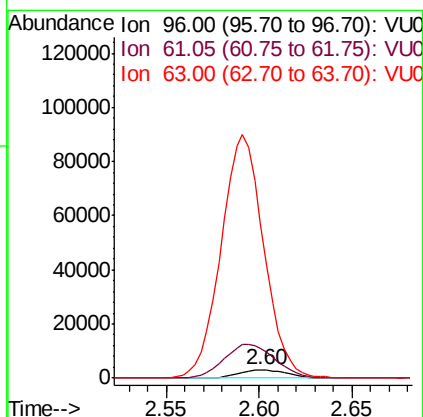
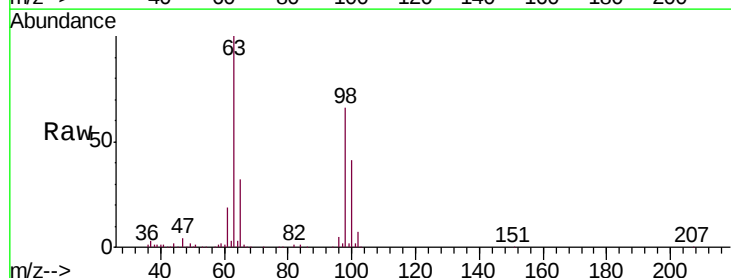
Tgt Ion: 96 Resp: 5477

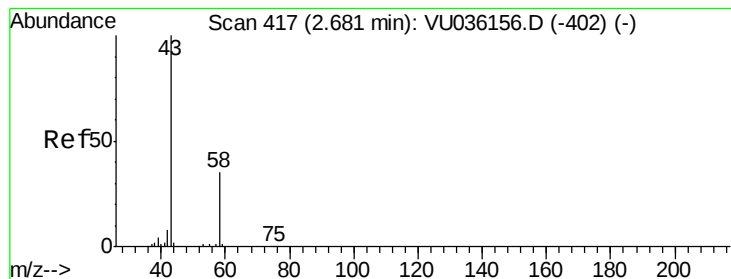
Ion Ratio Lower Upper

96 100

61 361.5 110.6 205.4#

63 1906.5 71.6 133.0#





#13

Acetone

Concen: 2.028 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.01 min

Lab File: VU036177.D

Acq: 13 Dec 2019 02:51

Instrument :

MSVOA_U

ClientSampleId :

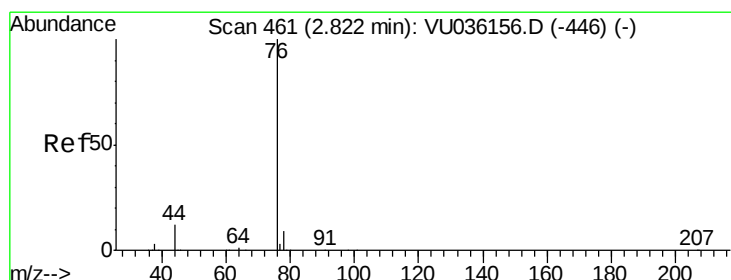
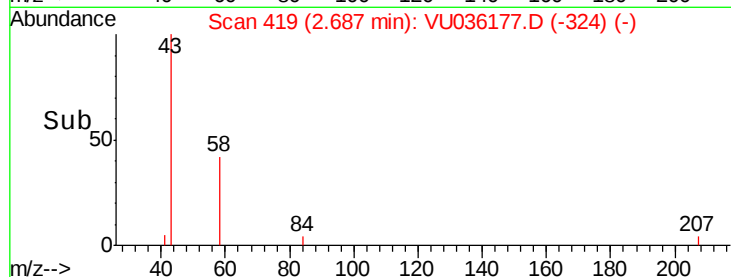
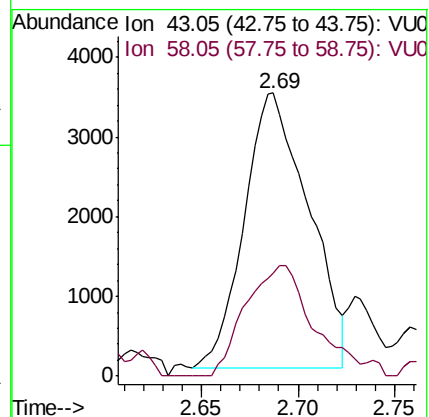
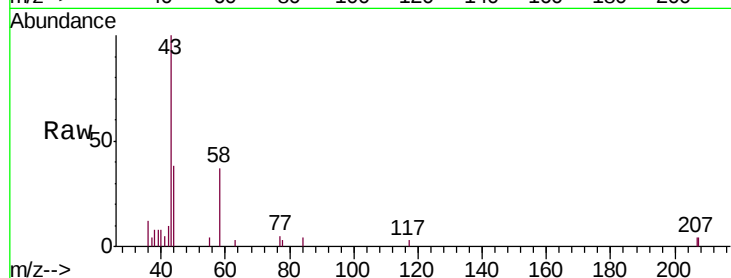
BFDR7

Tgt Ion: 43 Resp: 7960

Ion Ratio Lower Upper

43 100

58 42.0 0.0 70.0



#14

Carbon disulfide

Concen: 0.829 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU036177.D

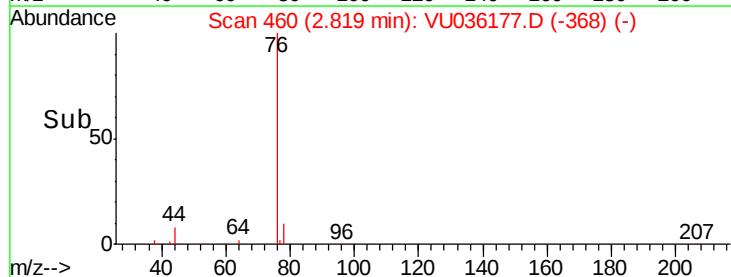
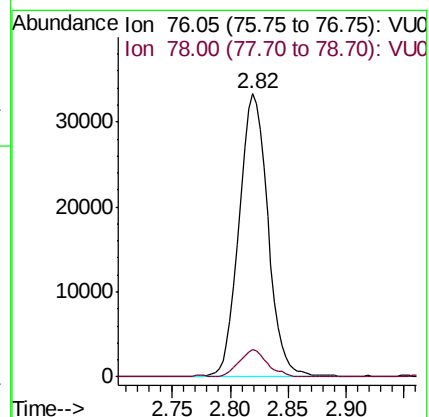
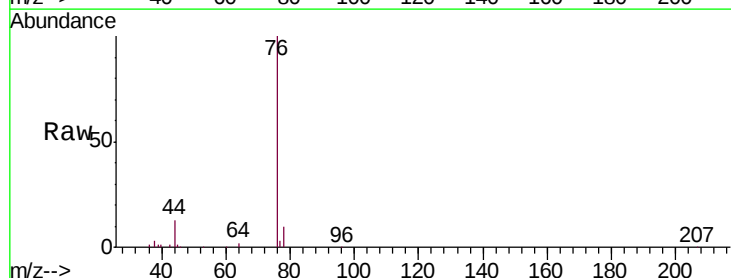
Acq: 13 Dec 2019 02:51

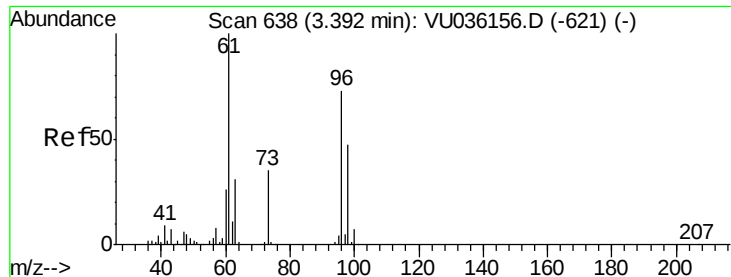
Tgt Ion: 76 Resp: 57558

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8

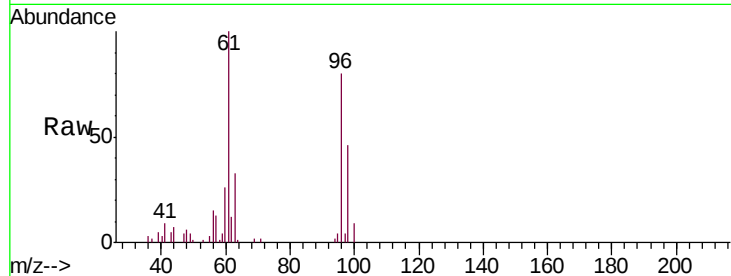




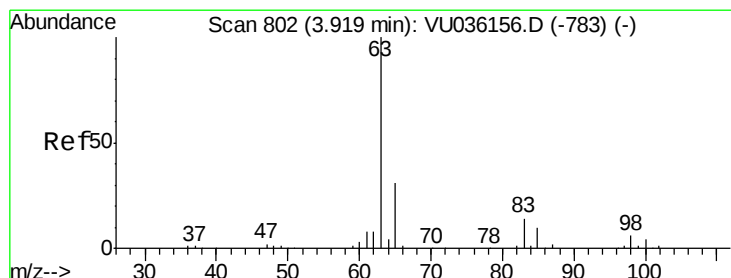
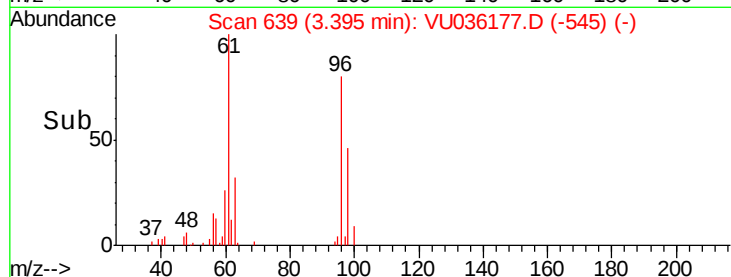
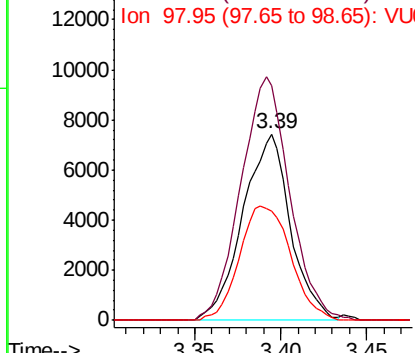
#18
trans-1,2-Dichloroethene
Concen: 0.660 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU036177.D
Acq: 13 Dec 2019 02:51

Instrument :
MSVOA_U
ClientSampleId :
BFDR7

Tgt Ion: 96 Resp: 14312
Ion Ratio Lower Upper
96 100
61 125.6 93.2 173.2
98 58.4 43.5 80.9

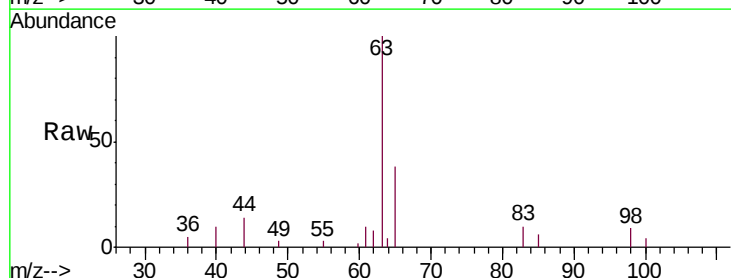


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

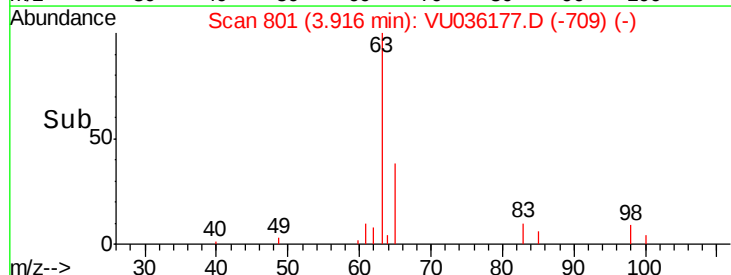
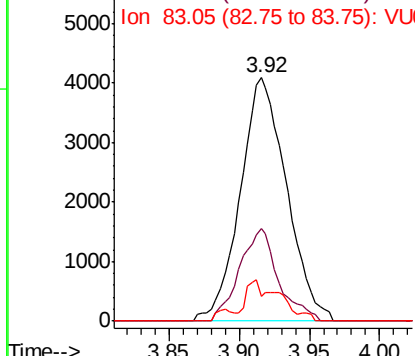


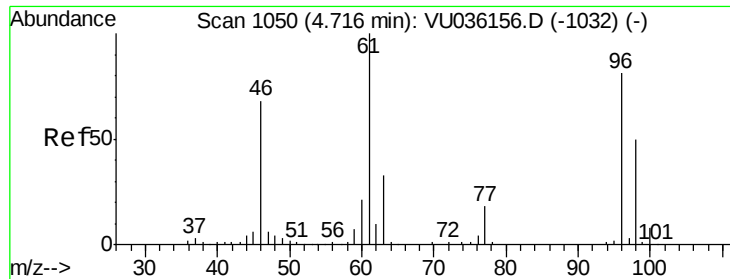
#19
1,1-Dichloroethane
Concen: 0.235 ug/L
RT: 3.92 min Scan# 801
Delta R.T. -0.00 min
Lab File: VU036177.D
Acq: 13 Dec 2019 02:51

Tgt Ion: 63 Resp: 9370
Ion Ratio Lower Upper
63 100
65 38.1 22.2 41.2
83 10.1 9.8 18.2



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0

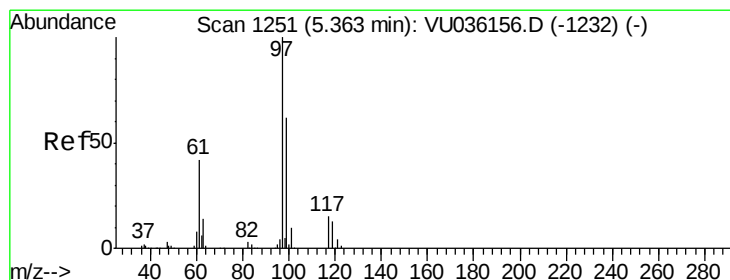
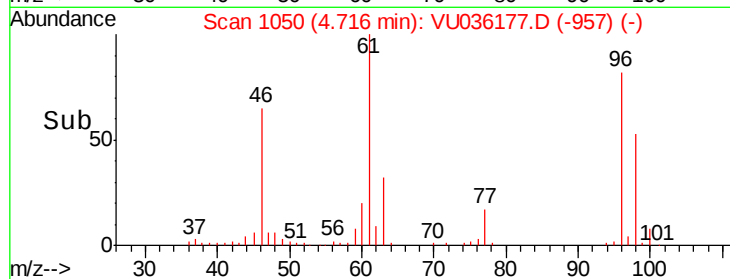
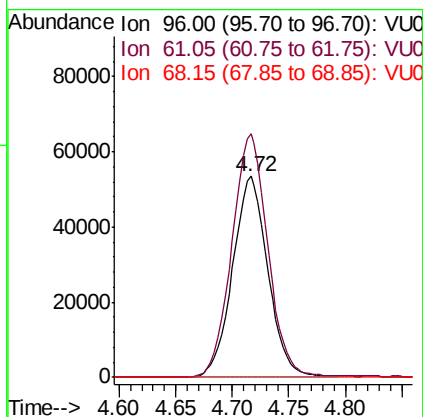
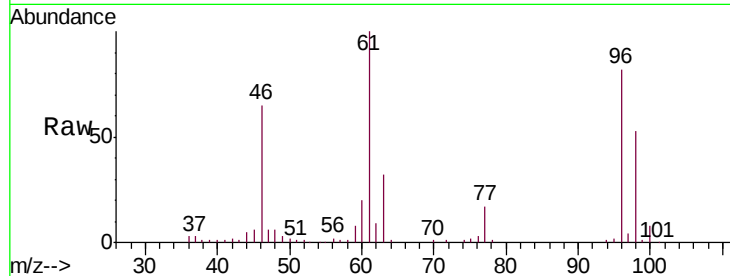




#22
 cis-1,2-Dichloroethene
 Concen: 5.219 ug/L
 RT: 4.72 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU036177.D
 Acq: 13 Dec 2019 02:51

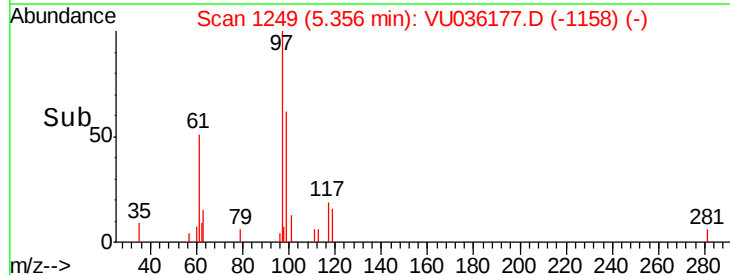
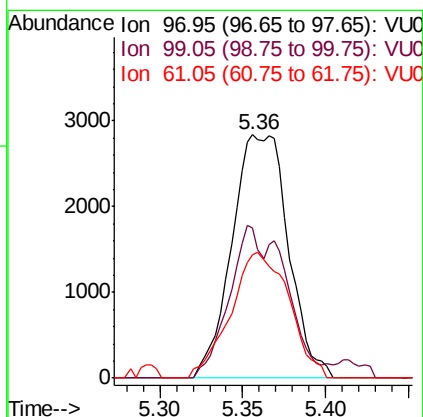
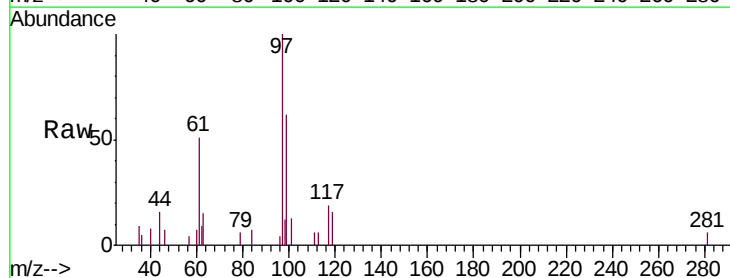
Instrument :
 MSVOA_U
 ClientSampleId :
 BFDR7

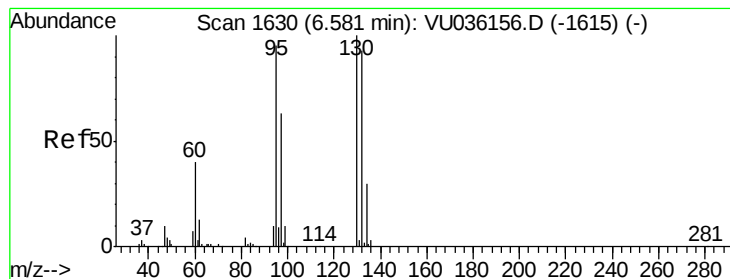
Tgt Ion: 96 Resp: 116418
 Ion Ratio Lower Upper
 96 100
 61 121.2 83.8 155.6
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 0.183 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VU036177.D
 Acq: 13 Dec 2019 02:51

Tgt Ion: 97 Resp: 6719
 Ion Ratio Lower Upper
 97 100
 99 36.6 52.6 79.0#
 61 53.6 35.4 53.2#





#34

Trichloroethene

Concen: 58.196 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU036177.D

Acq: 13 Dec 2019 02:51

Instrument :

MSVOA_U

ClientSampleId :

BFDR7

Tgt Ion: 95 Resp: 1372392

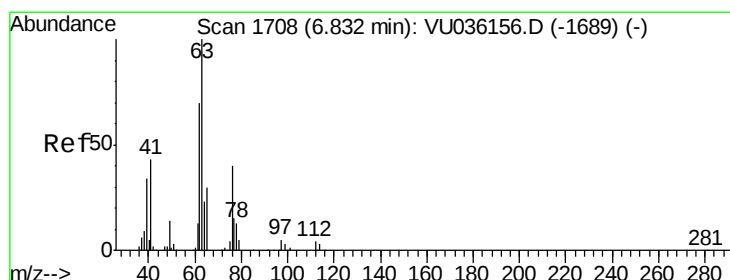
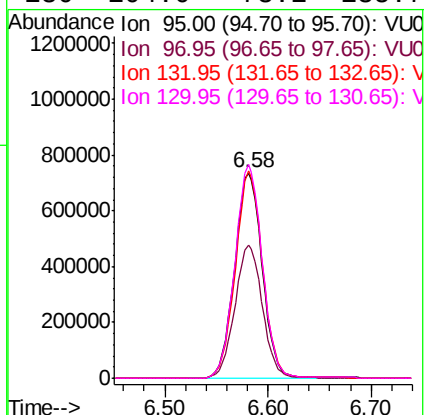
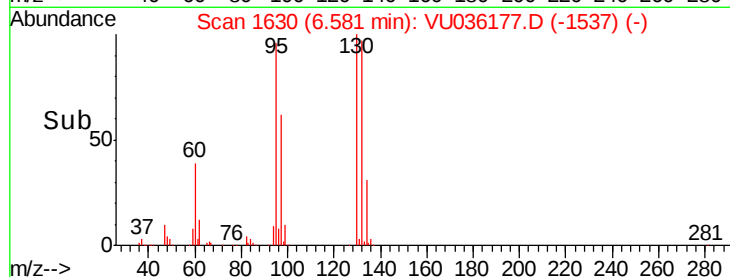
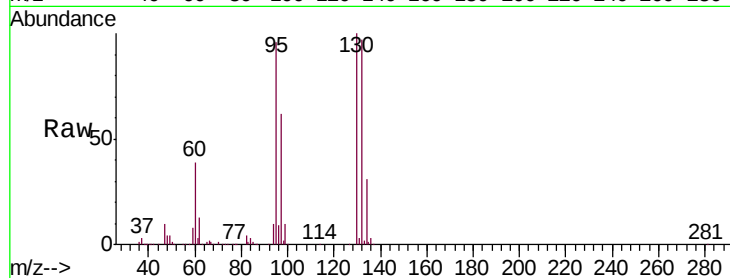
Ion Ratio Lower Upper

95 100

97 64.6 43.7 81.1

132 100.8 71.7 133.3

130 104.0 73.1 135.7



#37

1,2-Dichloropropane

Concen: 0.611 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036177.D

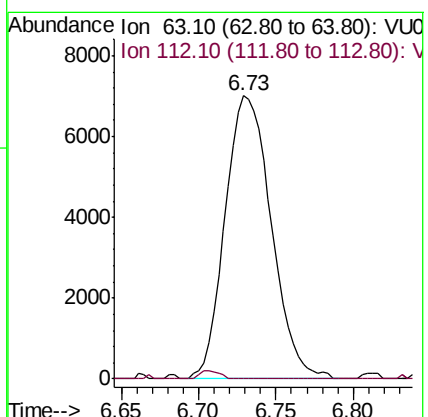
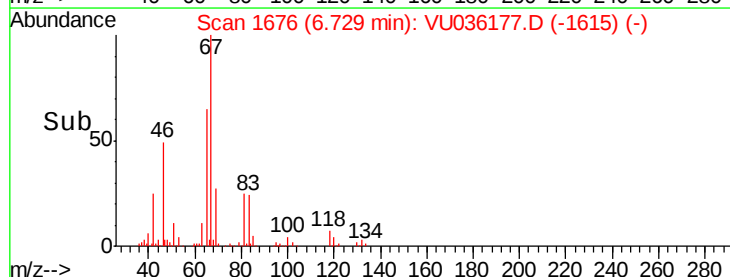
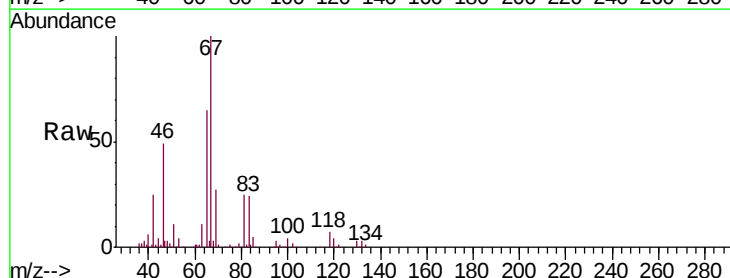
Acq: 13 Dec 2019 02:51

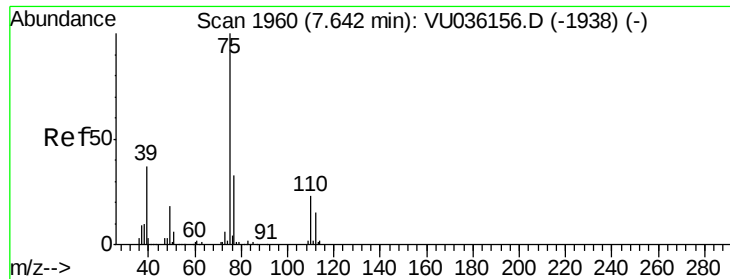
Tgt Ion: 63 Resp: 14536

Ion Ratio Lower Upper

63 100

112 1.2 3.6 5.4#

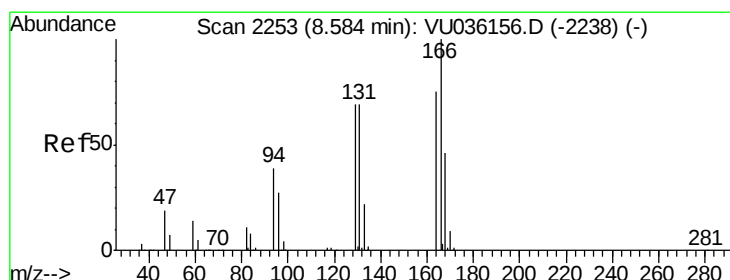
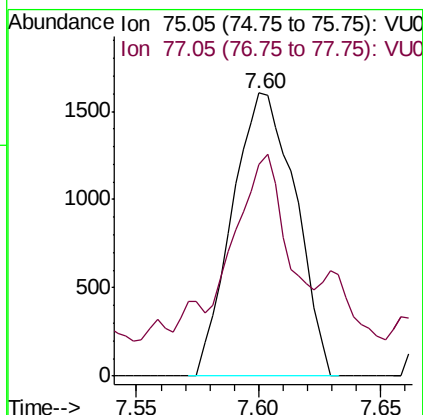
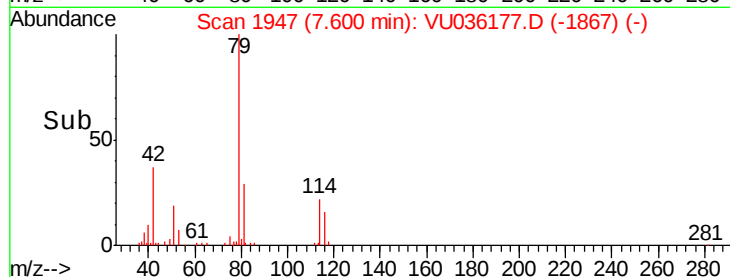
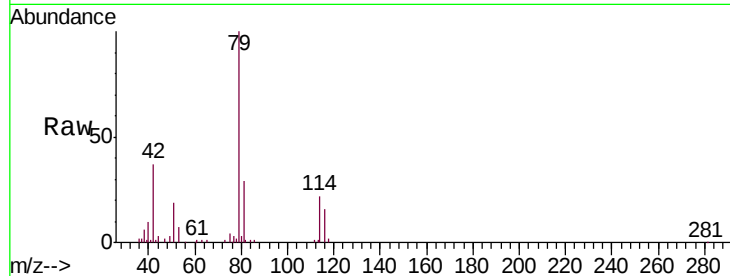




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036177.D
 Acq: 13 Dec 2019 02:51

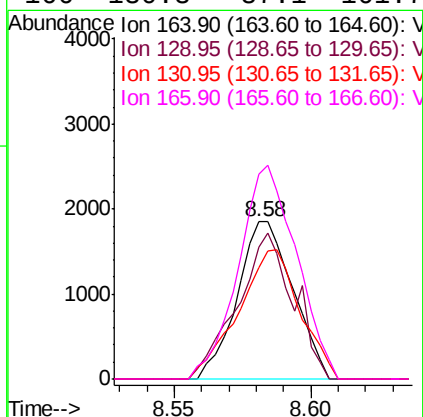
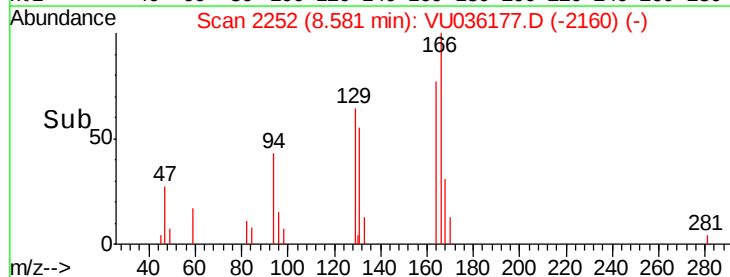
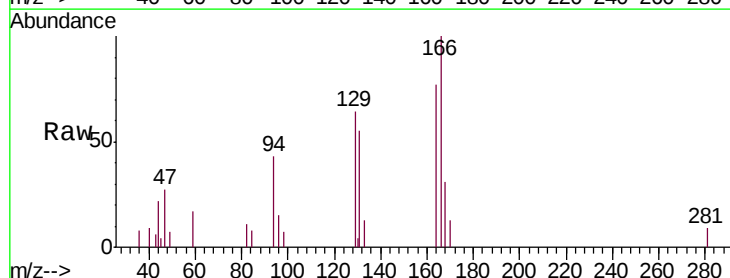
Instrument :
 MSVOA_U
 ClientSampleId :
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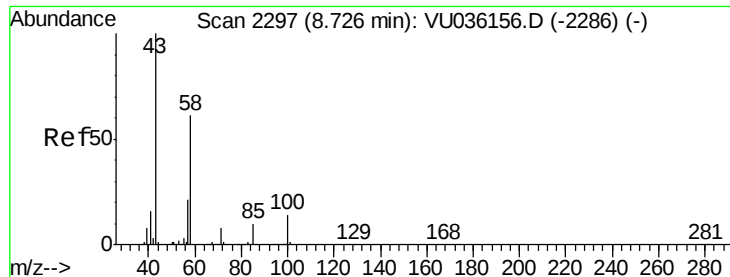
Tgt Ion: 75 Resp: 2884
 Ion Ratio Lower Upper
 75 100
 77 74.7 22.3 41.5#



#47
 Tetrachloroethene
 Concen: 0.126 ug/L
 RT: 8.58 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VU036177.D
 Acq: 13 Dec 2019 02:51

Tgt Ion: 164 Resp: 2613
 Ion Ratio Lower Upper
 164 100
 129 83.5 63.1 117.3
 131 71.2 61.4 114.0
 166 130.3 87.1 161.7

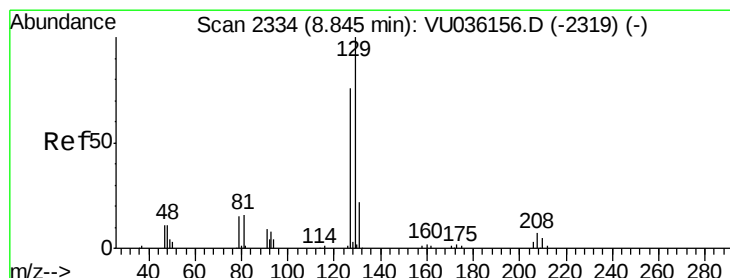
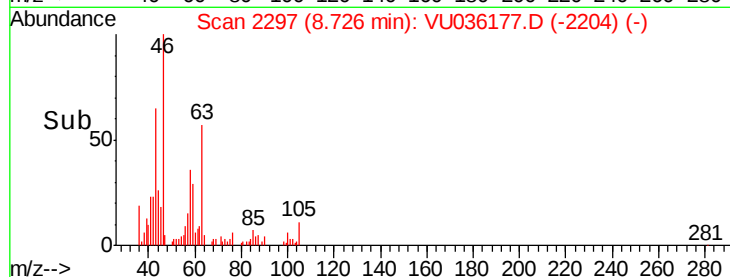
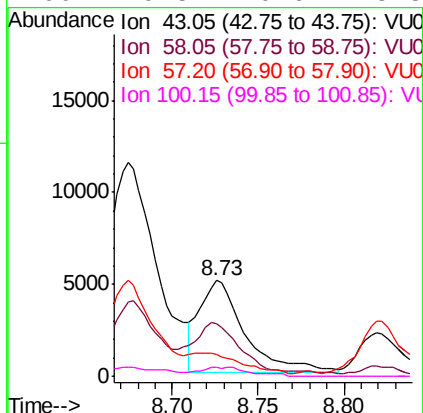
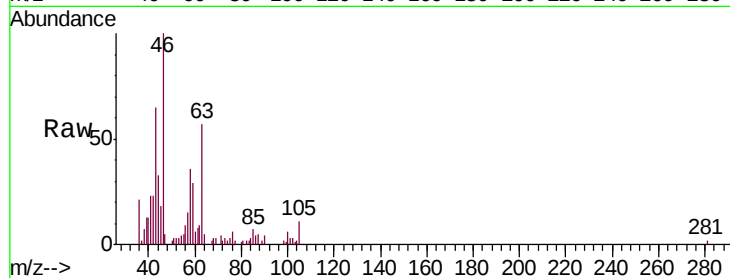




#48
2-Hexanone
Concen: 1.059 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. -0.00 min
Lab File: VU036177.D
Acq: 13 Dec 2019 02:51

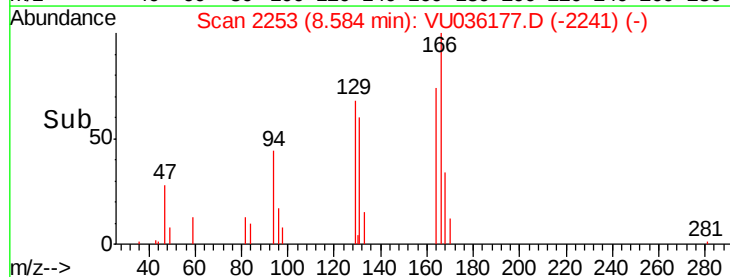
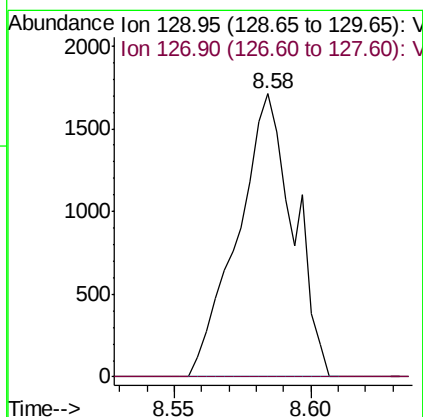
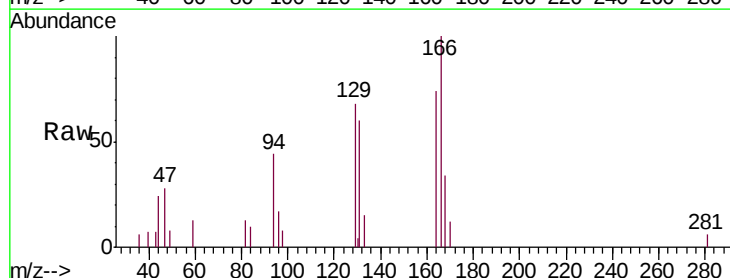
Instrument :
MSVOA_U
ClientSampleId :
BFDR7

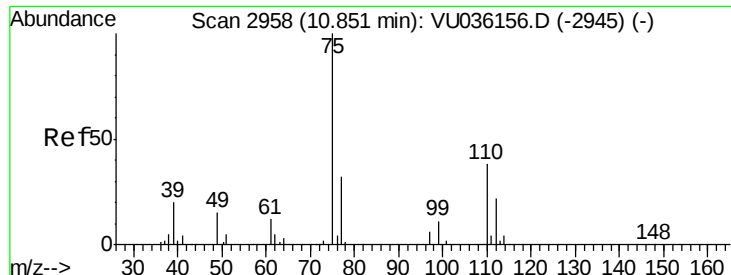
Tgt Ion: 43 Resp: 9326
Ion Ratio Lower Upper
43 100
58 53.9 48.6 72.8
57 0.0 16.7 25.1#
100 9.5 10.6 15.8#



#49
Dibromochloromethane
Concen: 0.112 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU036177.D
Acq: 13 Dec 2019 02:51

Tgt Ion: 129 Resp: 2439
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#





#59

1,2,3-Trichloropropane

Concen: 0.857 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036177.D

Acq: 13 Dec 2019 02:51

Instrument :

MSVOA_U

ClientSampleId :

BFDR7

Tgt Ion: 75 Resp: 13446

Ion Ratio Lower Upper

75 100

77 36.0 26.6 39.8

