

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
 Data File : VU032180.D
 Acq On : 21 May 2019 01:42
 Operator : JC/SP
 Sample : K2888-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 21 08:46:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 21 08:29:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	354957	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	368051	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	144657	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92432	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.68	69	85662	3.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.00%
11) 1,1-Dichloroethene-d2	2.27	63	130095	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.19	46	230142	39.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.42%
24) Chloroform-d	4.64	84	205244	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	5.31	65	101195	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
32) Benzene-d6	5.33	84	396319	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.60%
36) 1,2-Dichloropropane-d6	6.33	67	118712	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.40%
41) Toluene-d8	7.56	98	310006	3.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.60%#
43) trans-1,3-Dichloropropene-	7.85	79	39897	3.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.60%
46) 2-Hexanone-d5	8.31	63	220405	41.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	105775	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	128277	4.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.60%

Target Compounds

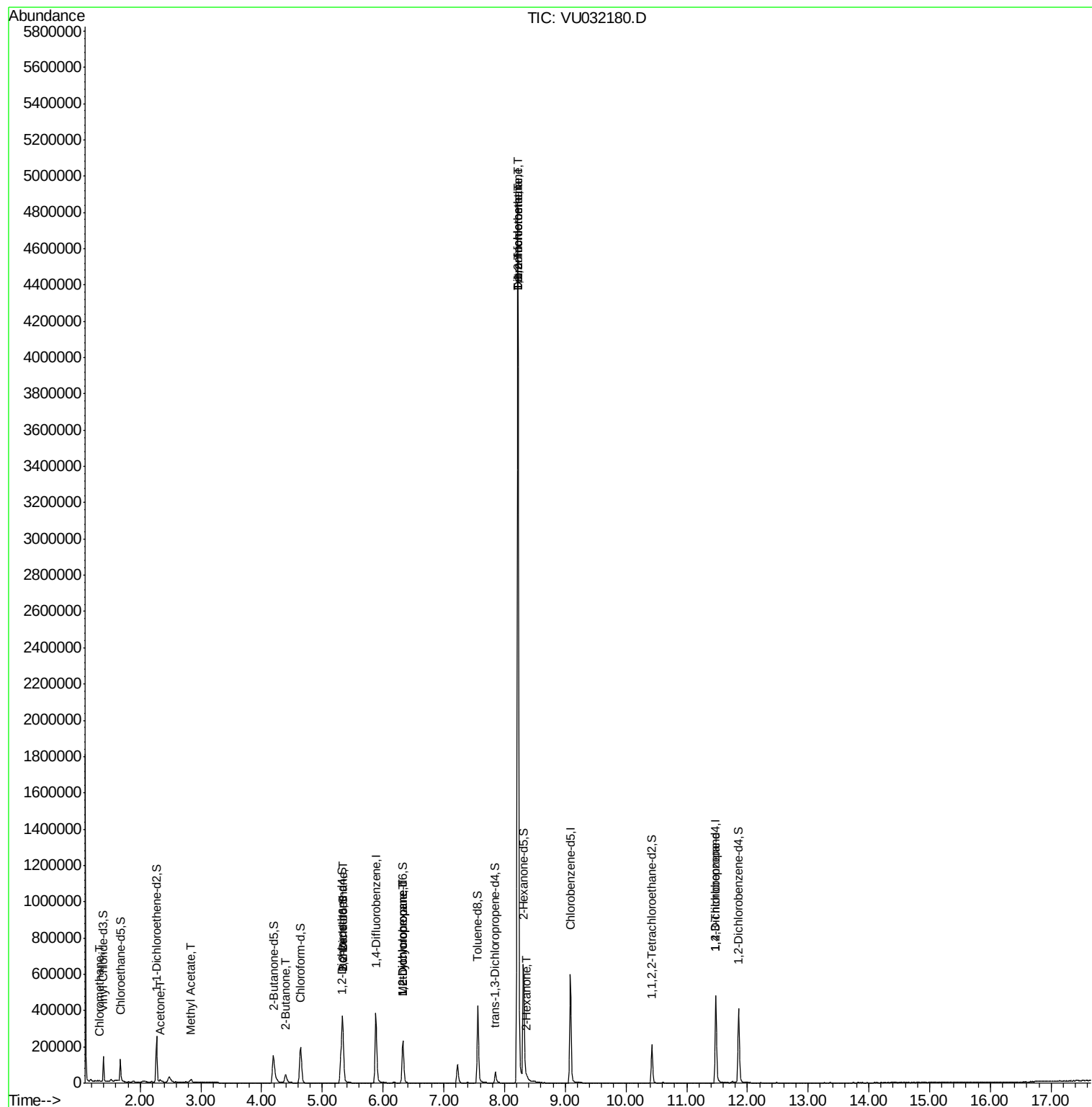
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	2904	0.170	ug/L	100
13) Acetone	2.33	43	6859	3.559	ug/L	96
15) Methyl Acetate	2.84	43	1272	0.230	ug/L #	52
21) 2-Butanone	4.40	43	63399	22.920	ug/L #	42
27) 1,2-Dichloroethane	5.32	62	1977	0.132	ug/L #	89
35) Methylcyclohexane	6.33	83	29352	1.330	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	12673	0.917	ug/L #	87
45) 1,1,2-Trichloroethane	8.22	97	7773	0.762	ug/L #	1
47) Tetrachloroethene	8.22	164	1168758	101.988	ug/L	95
48) 2-Hexanone	8.37	43	9653	1.943	ug/L #	91
49) Dibromochloromethane	8.22	129	1061650	90.248	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	14133	1.610	ug/L	91

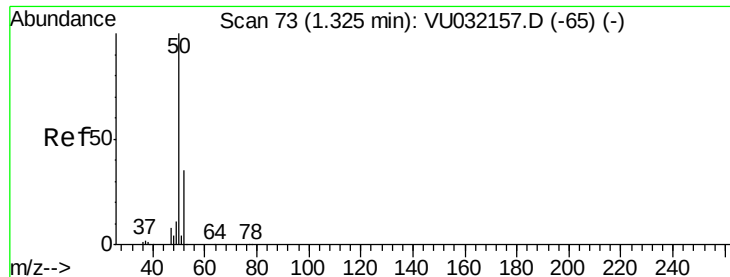
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052019\
Data File : VU032180.D
Acq On : 21 May 2019 01:42
Operator : JC/SP
Sample : K2888-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 21 08:46:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 08:29:49 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.170 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032180.D

Acq: 21 May 2019 01:42

Instrument :

MSVOA_U

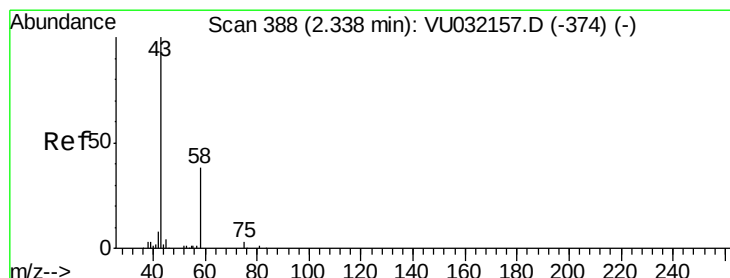
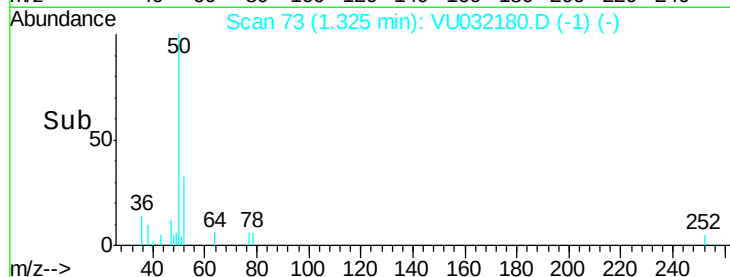
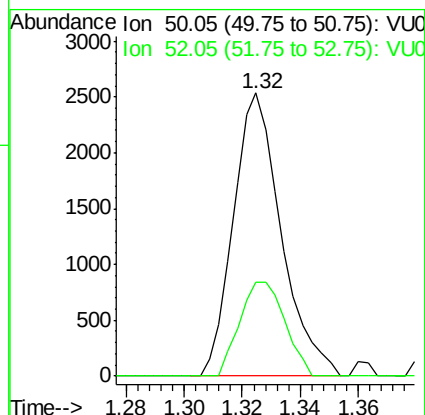
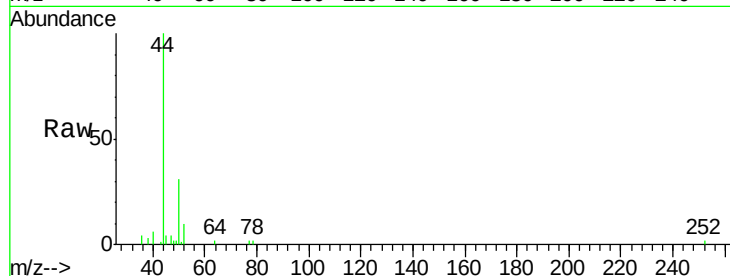
ClientSampleId :

Tot Ion: 50 Resp: 2904

Ion Ratio Lower Upper

50 100

52 33.0 23.2 43.0



#13

Acetone

Concen: 3.559 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU032180.D

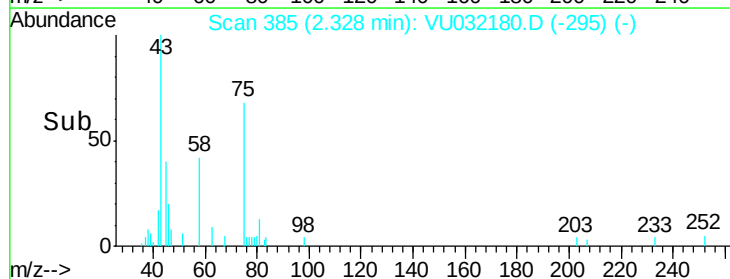
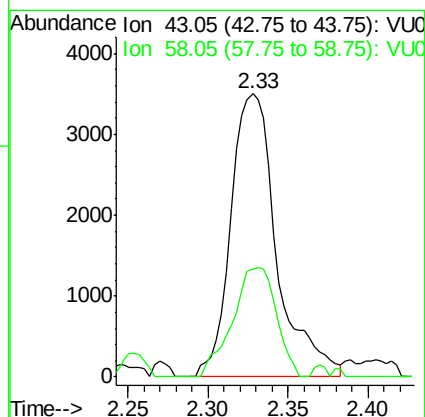
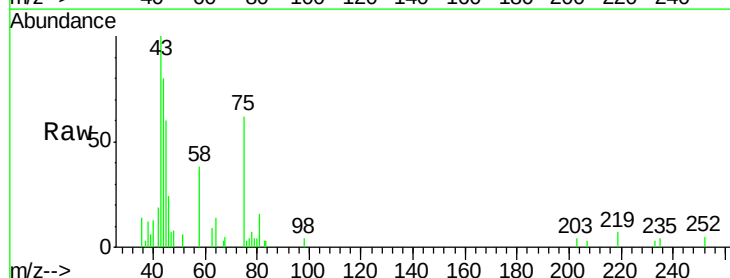
Acq: 21 May 2019 01:42

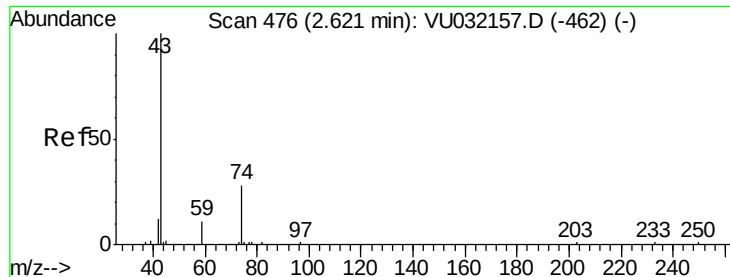
Tgt Ion: 43 Resp: 6859

Ion Ratio Lower Upper

43 100

58 36.8 0.0 78.8

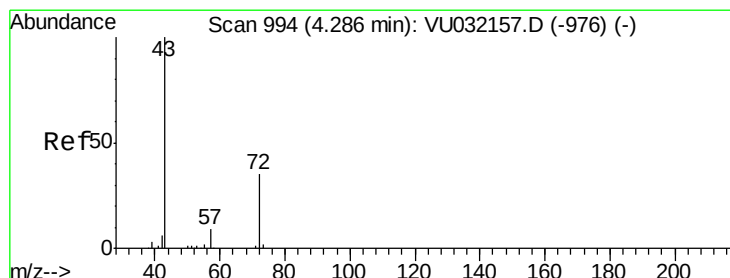
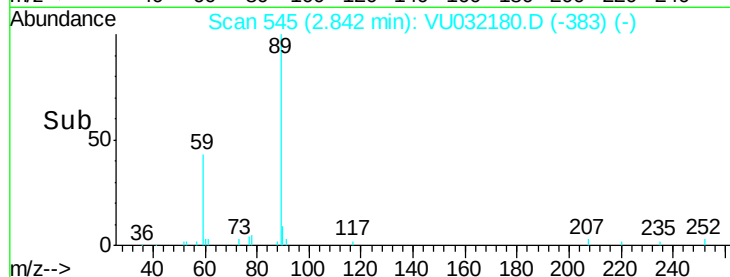
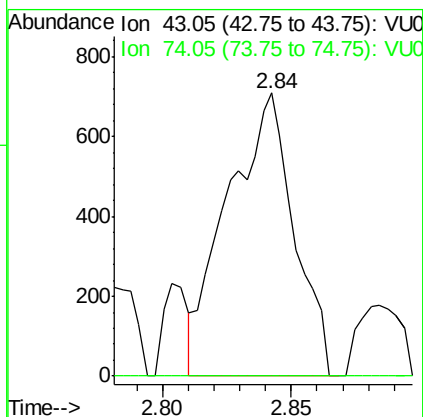
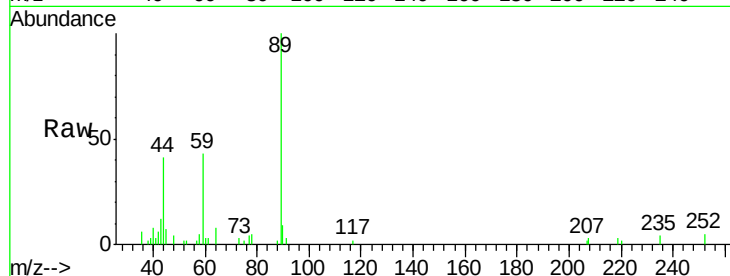




#15
Methvl Acetate
Concen: 0.230 ug/L
RT: 2.84 min Scan# 545
Delta R.T. 0.22 min
Lab File: VU032180.D
Acq: 21 May 2019 01:42

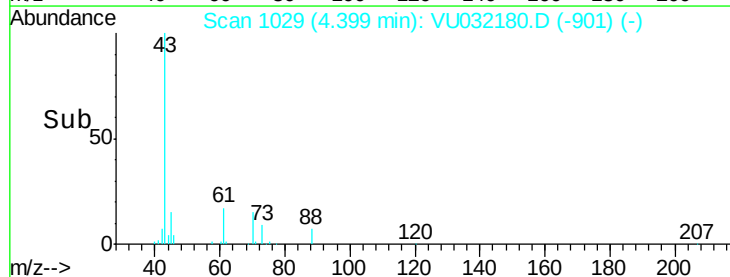
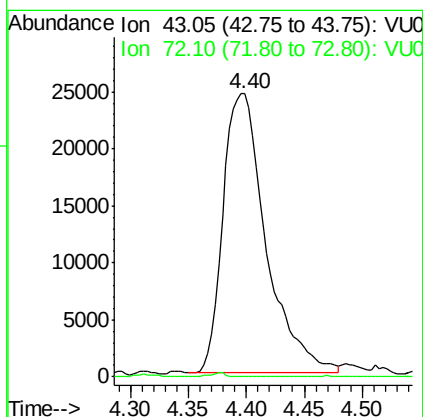
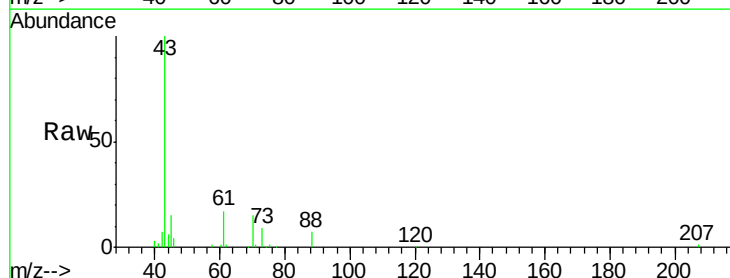
Instrument :
MSVOA_U
ClientSampleId :

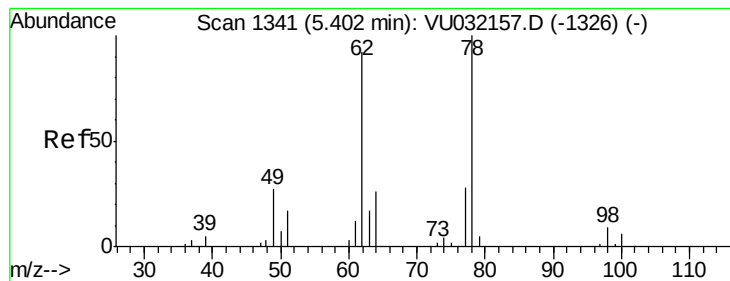
Tot Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
74 6.1 26.4 39.6#



#21
2-Butanone
Concen: 22.920 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.11 min
Lab File: VU032180.D
Acq: 21 May 2019 01:42

Tgt Ion: 43 Resp: 63399
Ion Ratio Lower Upper
43 100
72 0.5 16.8 50.3#





#27

1,2-Dichloroethane

Concen: 0.132 ug/L

RT: 5.32 min Scan# 1316

Delta R.T. -0.08 min

Lab File: VU032180.D

Acq: 21 May 2019 01:42

Instrument :

MSVOA_U

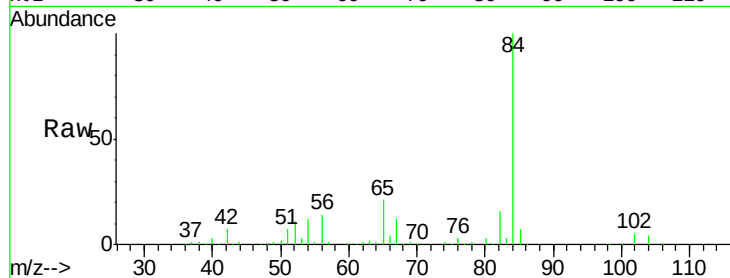
ClientSampleId :

Tot Ion: 62 Resp: 1977

Ion Ratio Lower Upper

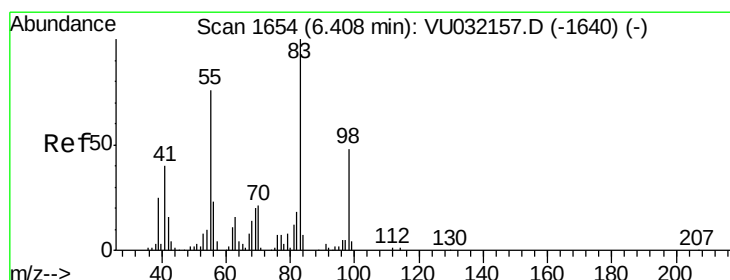
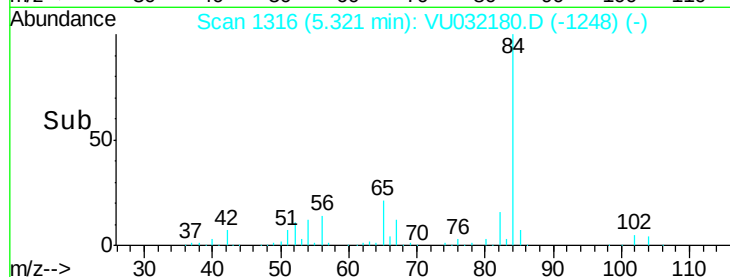
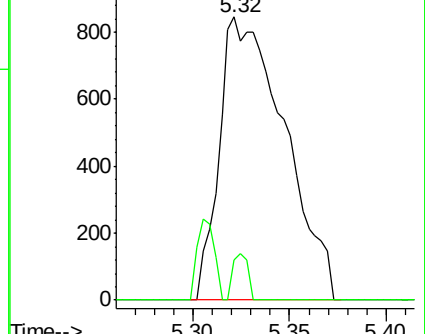
62 100

98 14.2 8.0 12.0#



Abundance Ion 62.00 (61.70 to 62.70): VU032157.D (-1326) (-)

Ion 98.05 (97.75 to 98.75): VU032157.D (-1326) (-)



#35

Methylcyclohexane

Concen: 1.330 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032180.D

Acq: 21 May 2019 01:42

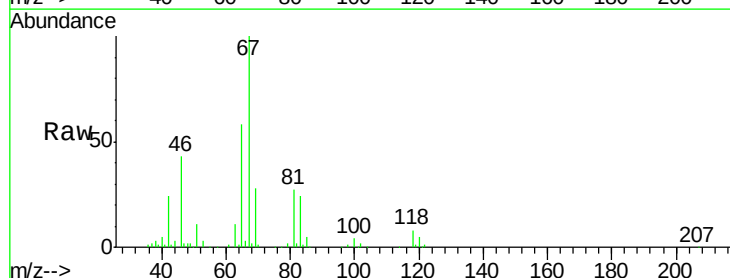
Tgt Ion: 83 Resp: 29352

Ion Ratio Lower Upper

83 100

55 0.4 59.7 89.5#

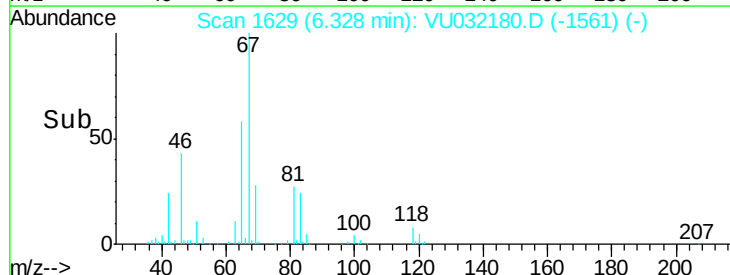
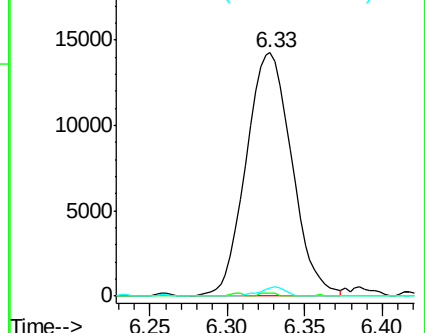
98 2.1 36.8 55.2#

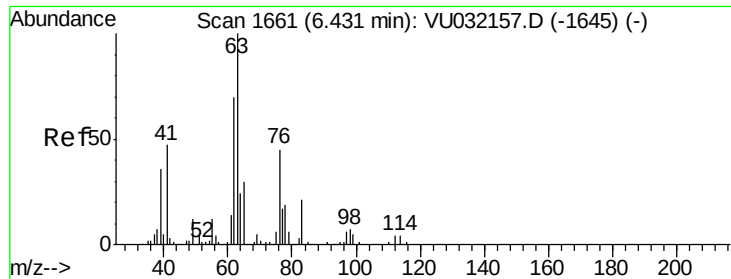


Abundance Ion 83.15 (82.85 to 83.85): VU032157.D (-1640) (-)

Ion 55.10 (54.80 to 55.80): VU032157.D (-1640) (-)

Ion 98.15 (97.85 to 98.85): VU032157.D (-1640) (-)

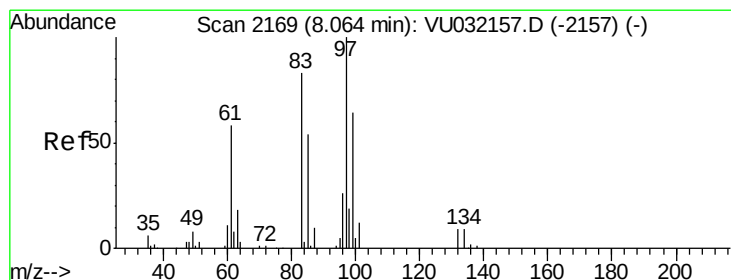
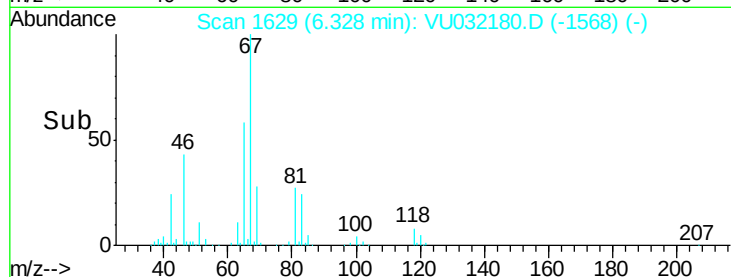
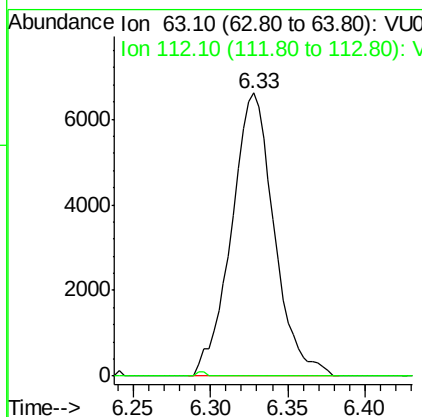
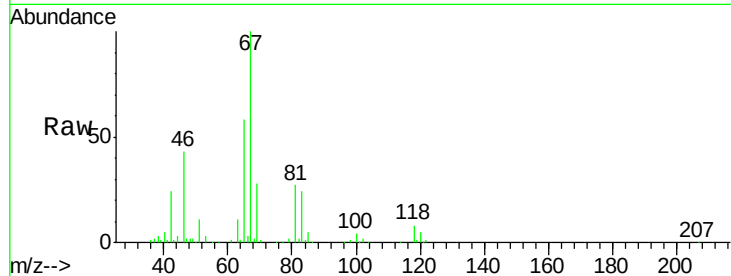




#37
 1,2-Dichloropropane
 Concen: 0.917 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032180.D
 Acq: 21 May 2019 01:42

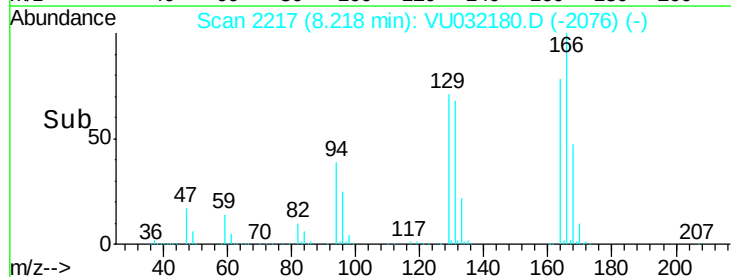
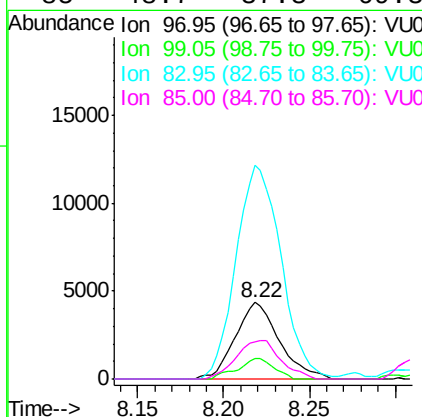
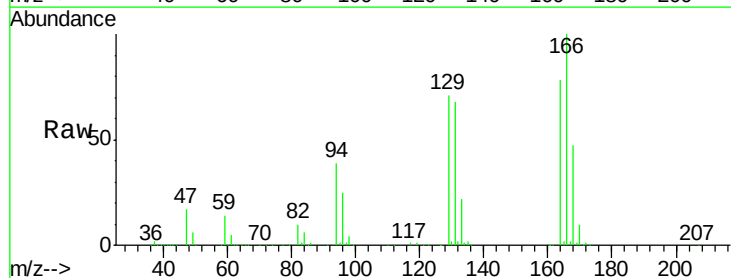
Instrument :
 MSVOA_U
 ClientSampleId :

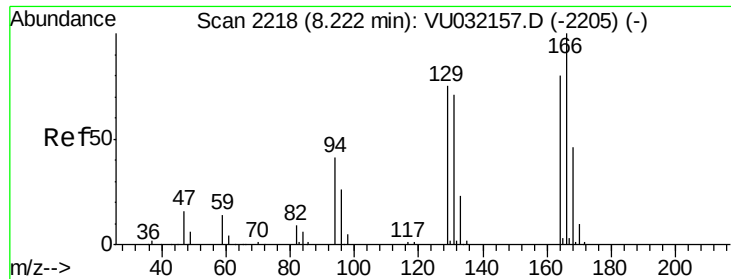
Tot Ion: 63 Resp: 12673
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.6#



#45
 1,1,2-Trichloroethane
 Concen: 0.762 ug/L
 RT: 8.22 min Scan# 2217
 Delta R.T. 0.15 min
 Lab File: VU032180.D
 Acq: 21 May 2019 01:42

Tgt Ion: 97 Resp: 7773
 Ion Ratio Lower Upper
 97 100
 99 27.0 40.7 75.7#
 83 279.3 59.6 110.8#
 85 48.7 37.3 69.3

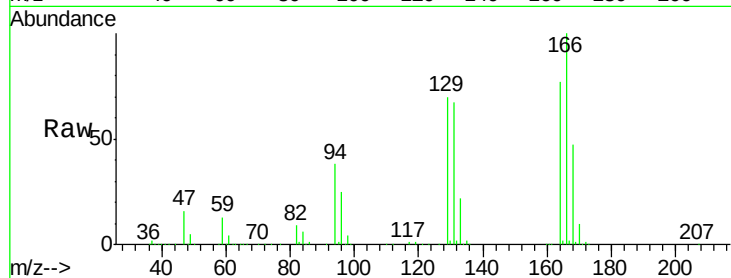




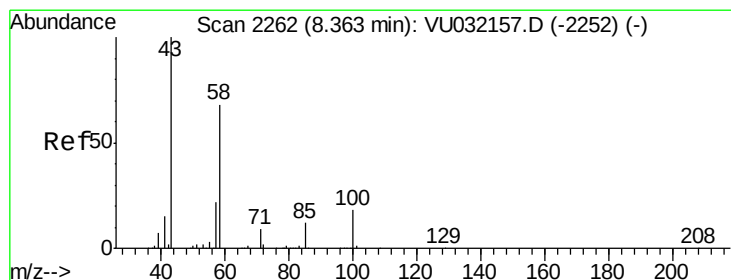
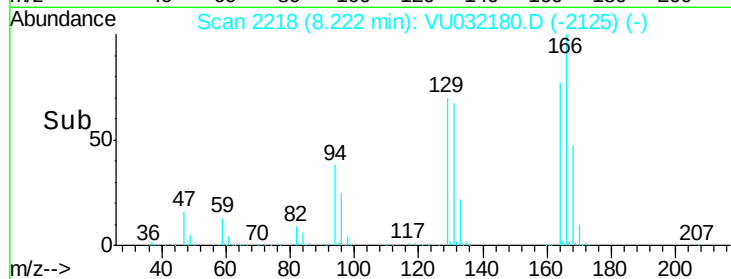
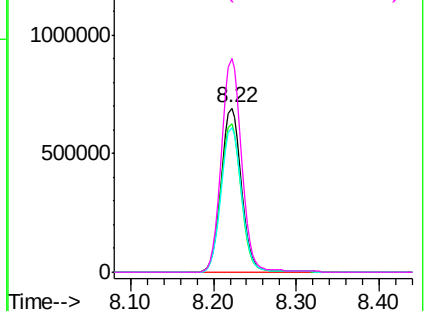
#47
Tetrachloroethene
Concen: 101.988 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032180.D
Acq: 21 May 2019 01:42

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 1168758
Ion Ratio Lower Upper
164 100
129 90.8 70.3 130.5
131 87.9 64.5 119.9
166 130.2 92.3 171.5

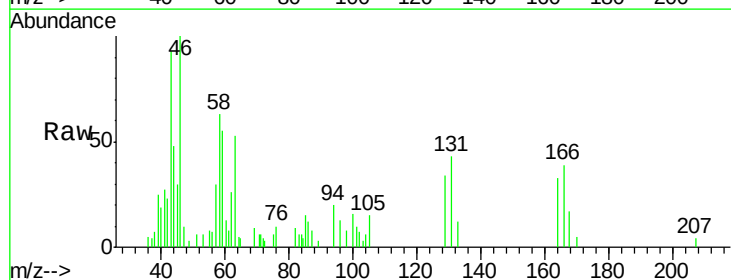


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

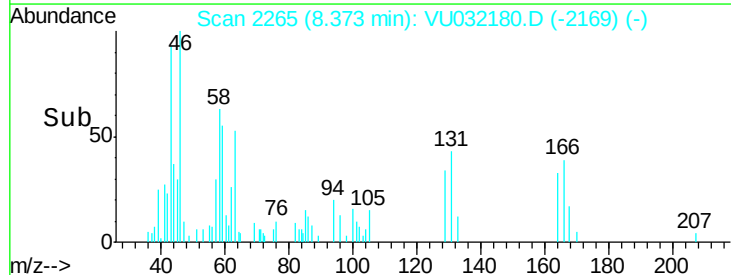
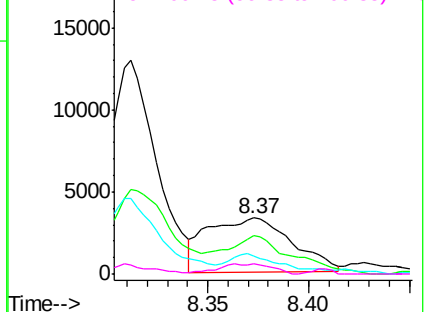


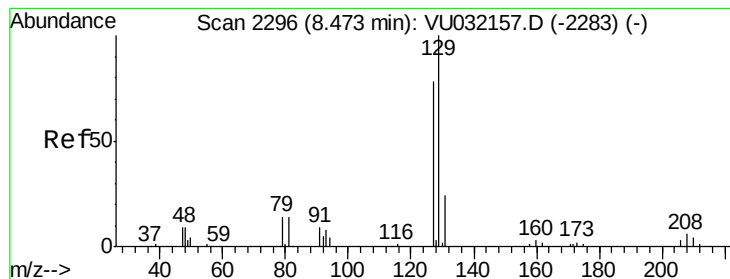
#48
2-Hexanone
Concen: 1.943 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU032180.D
Acq: 21 May 2019 01:42

Tgt Ion: 43 Resp: 9653
Ion Ratio Lower Upper
43 100
58 54.9 51.6 77.4
57 24.0 18.4 27.6
100 12.1 12.2 18.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 90.248 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032180.D

Acq: 21 May 2019 01:42

Instrument :

MSVOA_U

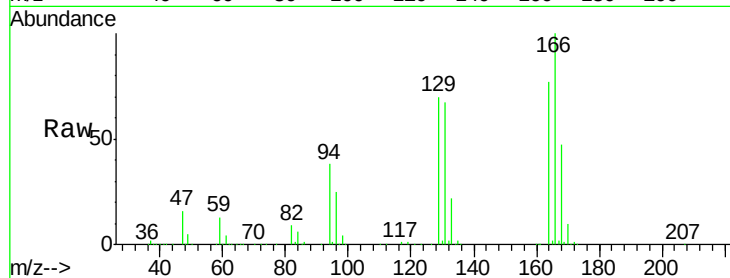
ClientSampleId :

Tot Ion:129 Resp: 1061650

Ion Ratio Lower Upper

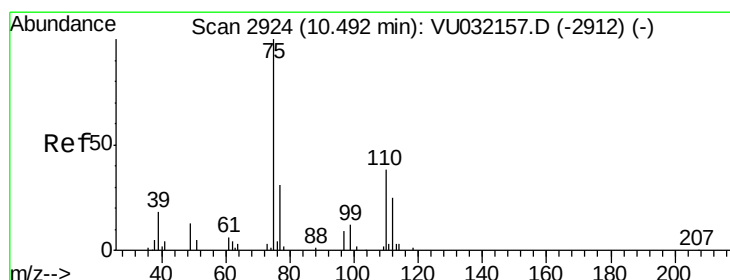
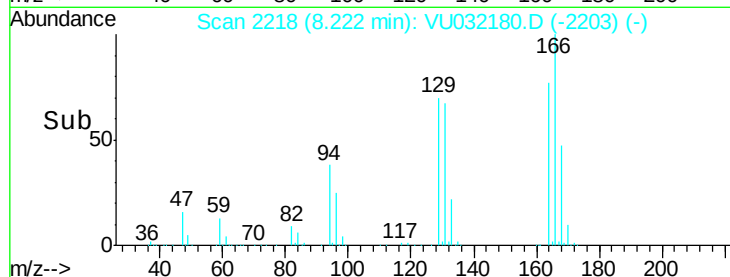
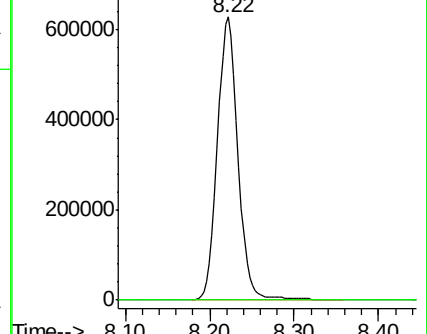
129 100

127 0.0 55.2 102.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.610 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032180.D

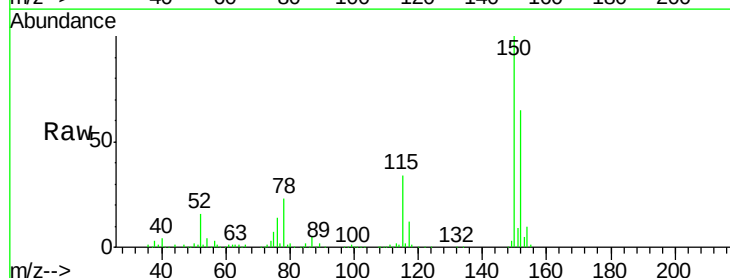
Acq: 21 May 2019 01:42

Tgt Ion: 75 Resp: 14133

Ion Ratio Lower Upper

75 100

77 38.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

