

Data File : VU032114.D
Acq On : 17 May 2019 20:42
Operator : JC/SP
Sample : K2850-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W11DL

Quant Time: May 18 04:14:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	360588	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	380391	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	116911	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.68	69	100760	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.27	63	163952	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.20	46	265331	44.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.98%
24) Chloroform-d	4.64	84	221160	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.31	65	113534	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
32) Benzene-d6	5.33	84	450253	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.60%
36) 1,2-Dichloropropane-d6	6.33	67	135732	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.56	98	370022	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	7.85	79	45338	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.31	63	223245	40.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122936	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	140380	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

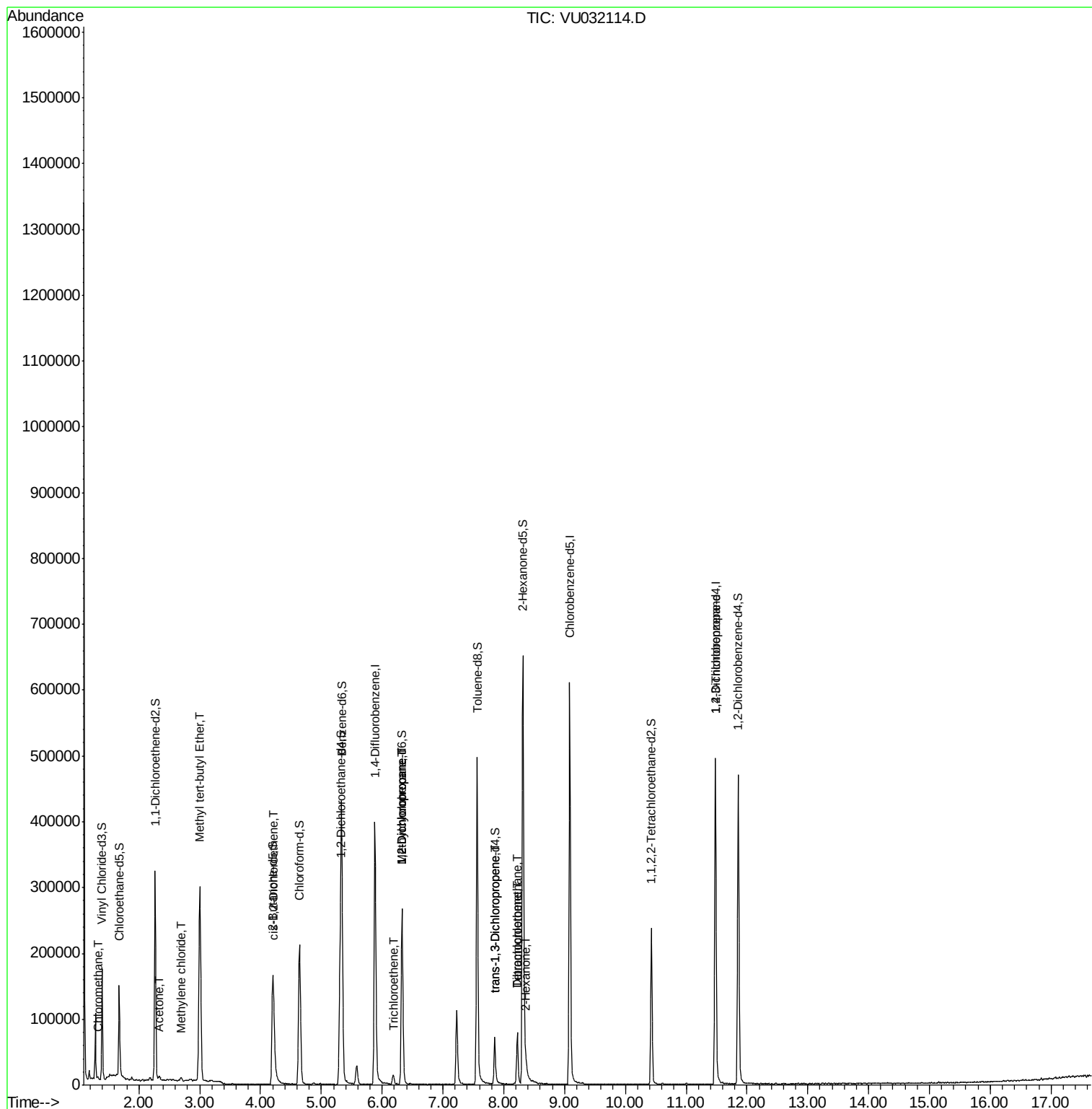
					Qvalue
3) Chloromethane	1.32	50	2654	0.153 ug/L	92
13) Acetone	2.34	43	3625	1.852 ug/L	71
16) Methylene chloride	2.69	84	2560	0.148 ug/L	94
17) Methyl tert-butyl Ether	3.00	73	348152	10.227 ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	2212	0.145 ug/L	87
34) Trichloroethene	6.19	95	5245	0.331 ug/L #	81
35) Methylcyclohexane	6.32	83	33256	1.458 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14278	1.000 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1944	0.127 ug/L	94
47) Tetrachloroethene	8.22	164	19962	1.685 ug/L	97
48) 2-Hexanone	8.37	43	11292	2.199 ug/L #	38
49) Dibromochloromethane	8.22	129	17794	1.464 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	14172	1.562 ug/L	91

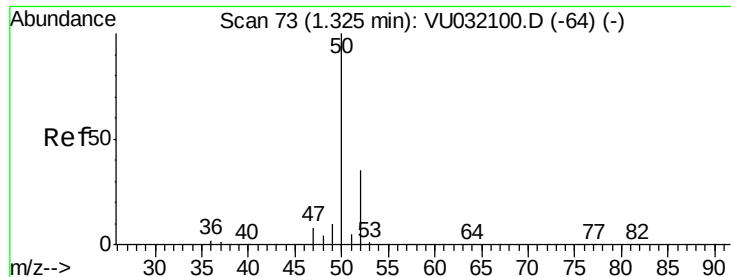
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032114.D
Acq On : 17 May 2019 20:42
Operator : JC/SP
Sample : K2850-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W11DL

Quant Time: May 18 04:14:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.153 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032114.D

Acq: 17 May 2019 20:42

Instrument :

MSVOA_U

ClientSampleId :

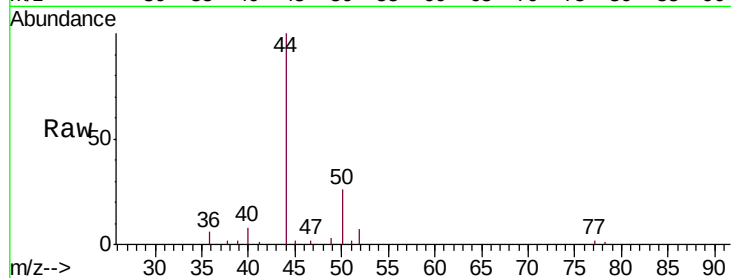
F9W11DL

Tgt Ion: 50 Resp: 2654

Ion Ratio Lower Upper

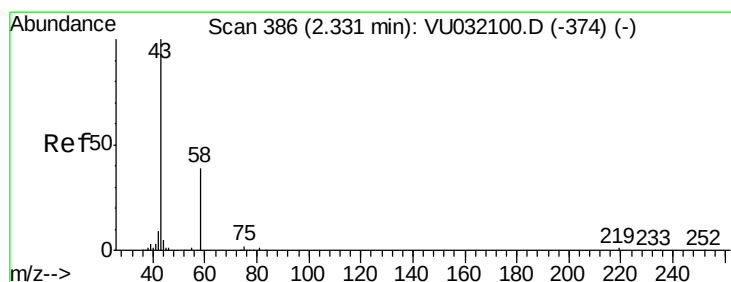
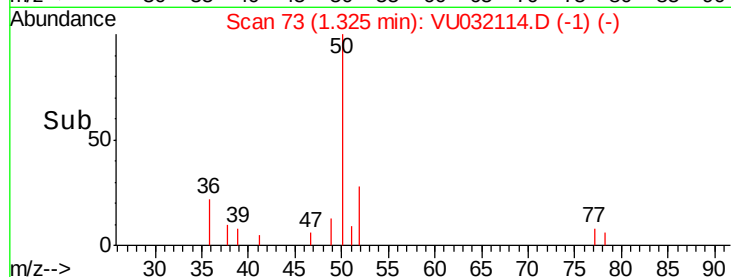
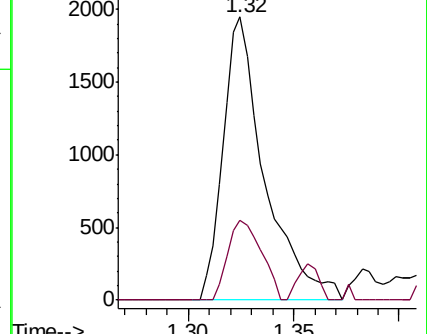
50 100

52 28.4 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 1.852 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

Lab File: VU032114.D

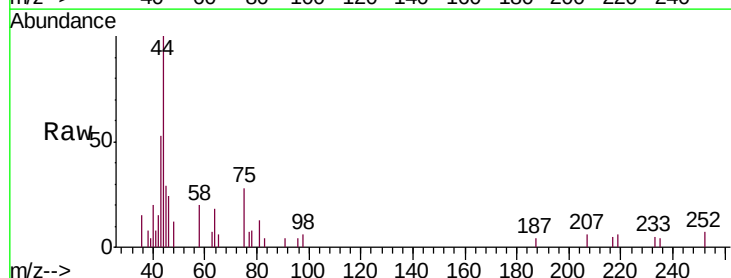
Acq: 17 May 2019 20:42

Tgt Ion: 43 Resp: 3625

Ion Ratio Lower Upper

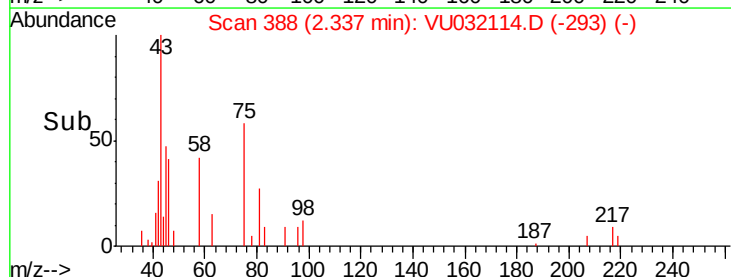
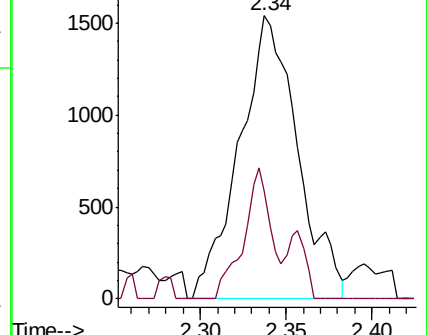
43 100

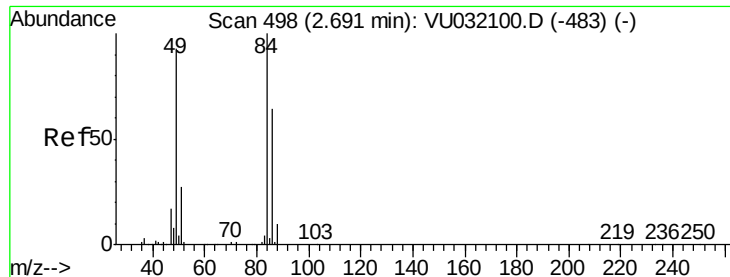
58 21.7 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

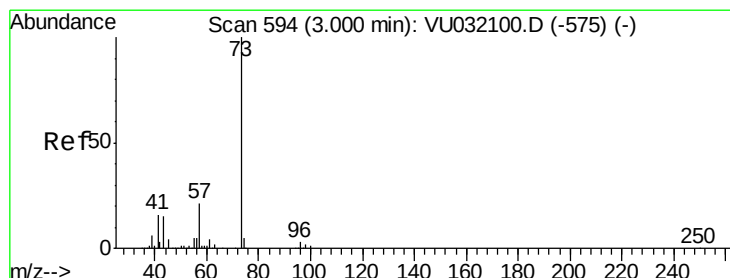
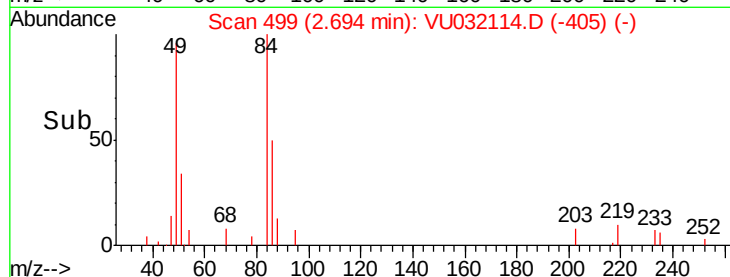
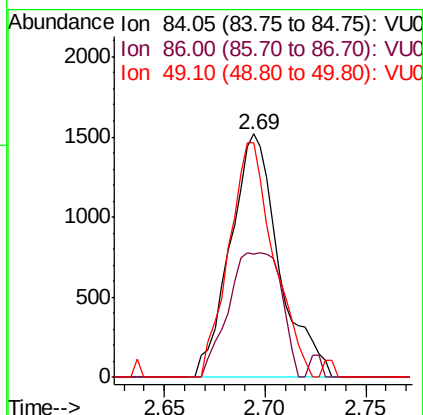
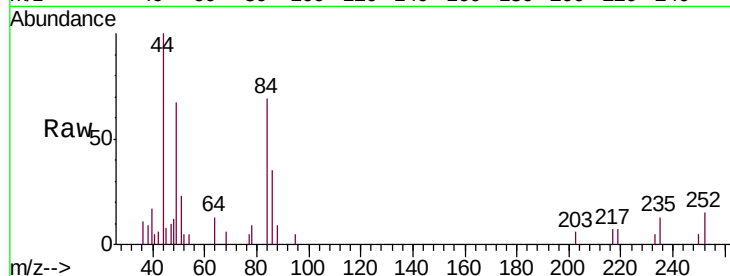




#16
Methylene chloride
Concen: 0.148 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032114.D
Acq: 17 May 2019 20:42

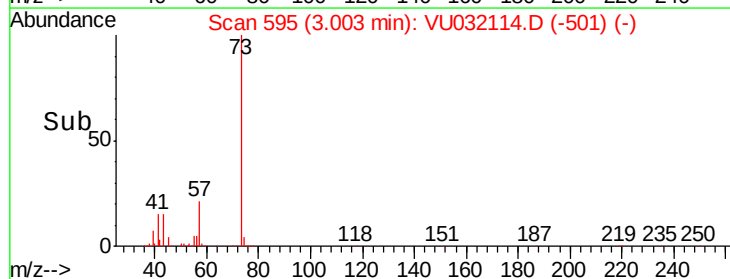
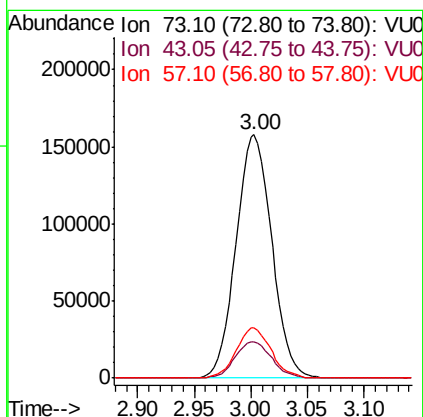
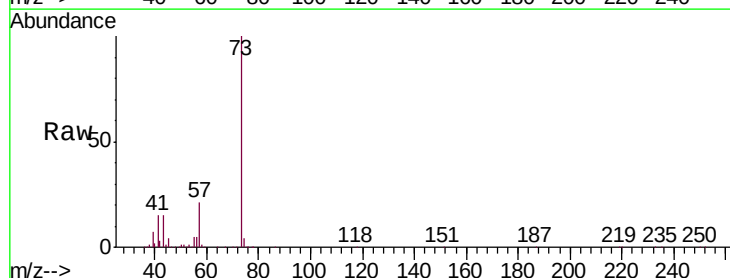
Instrument :
MSVOA_U
ClientSampleId :
F9W11DL

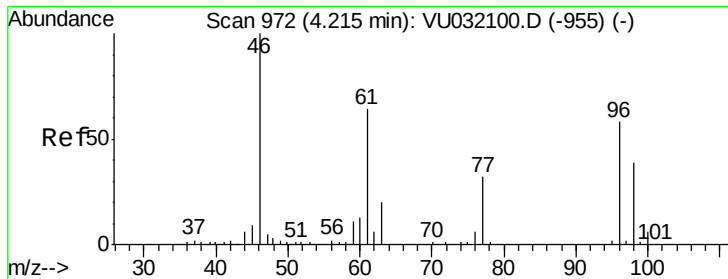
Tgt Ion: 84 Resp: 2560
Ion Ratio Lower Upper
84 100
86 50.5 43.1 80.1
49 96.4 67.7 125.7



#17
Methyl tert-butyl Ether
Concen: 10.227 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032114.D
Acq: 17 May 2019 20:42

Tgt Ion: 73 Resp: 348152
Ion Ratio Lower Upper
73 100
43 15.1 13.0 19.6
57 20.1 17.9 26.9



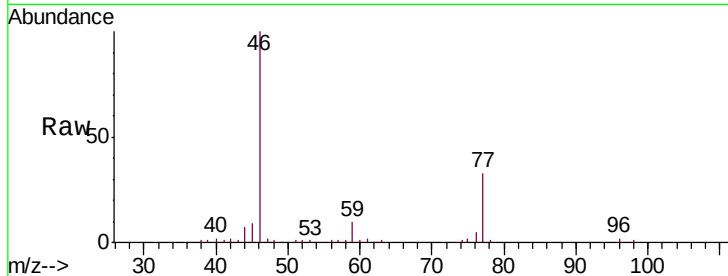


#22

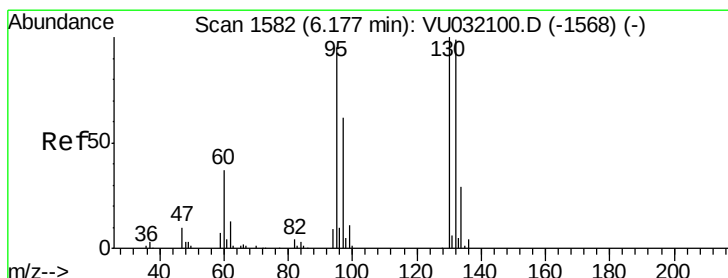
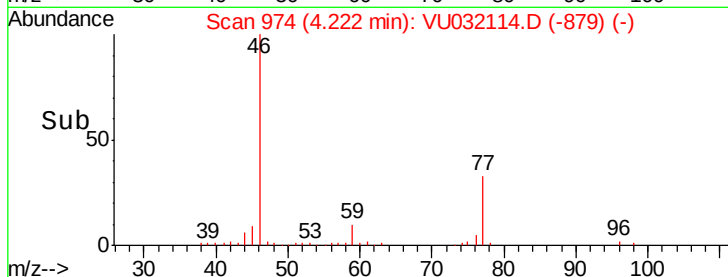
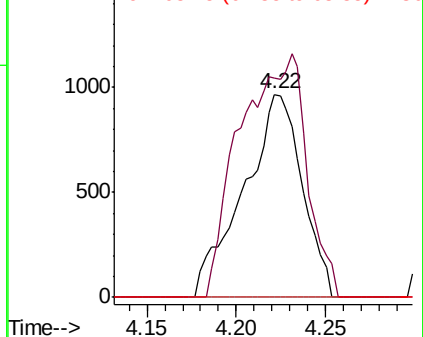
cis-1,2-Dichloroethene
Concen: 0.145 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.01 min
Lab File: VU032114.D
Acq: 17 May 2019 20:42

Instrument :
MSVOA_U
ClientSampleId :
F9W11DL

Tgt Ion: 96 Resp: 2212
Ion Ratio Lower Upper
96 100
61 108.0 85.8 159.4
68 0.0 0.0 0.0



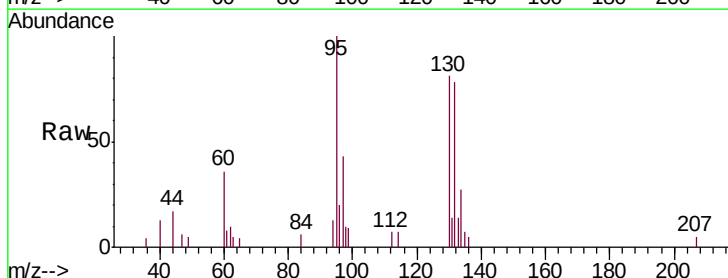
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



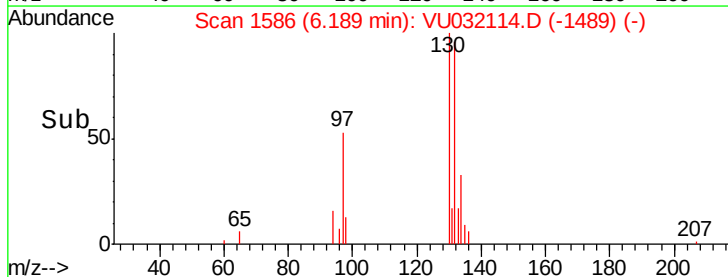
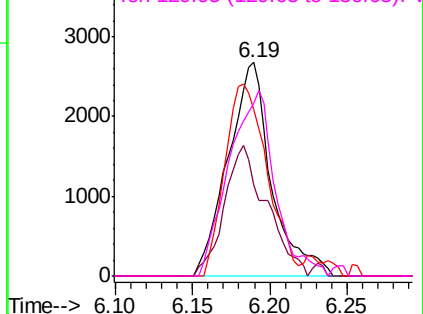
#34

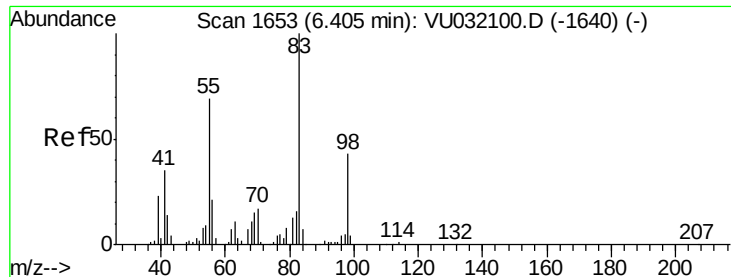
Trichloroethene
Concen: 0.331 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VU032114.D
Acq: 17 May 2019 20:42

Tgt Ion: 95 Resp: 5245
Ion Ratio Lower Upper
95 100
97 42.6 45.2 84.0#
132 77.6 66.1 122.7
130 81.0 66.7 123.9



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

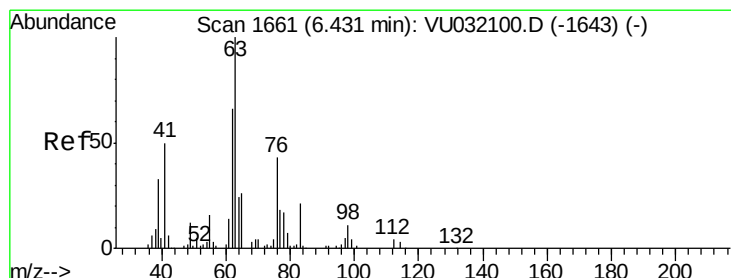
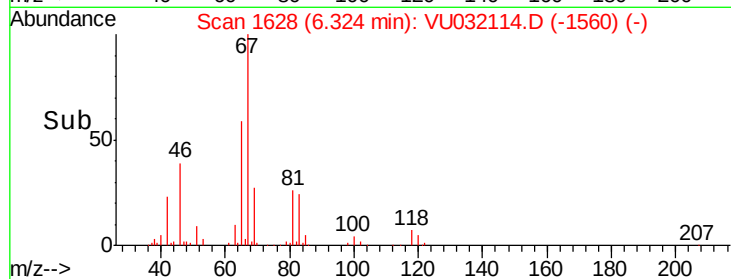
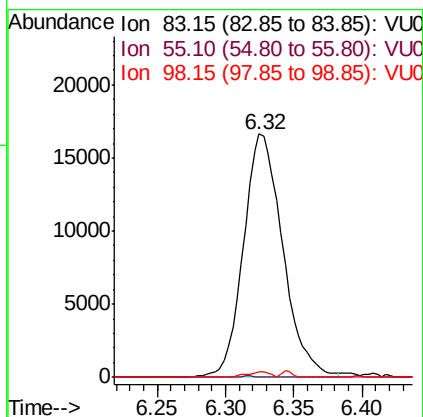
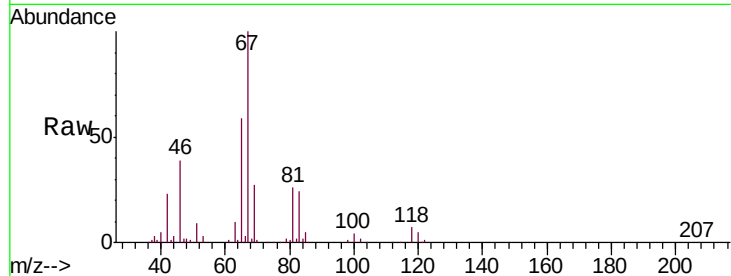




#35
Methylcyclohexane
Concen: 1.458 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032114.D
Acq: 17 May 2019 20:42

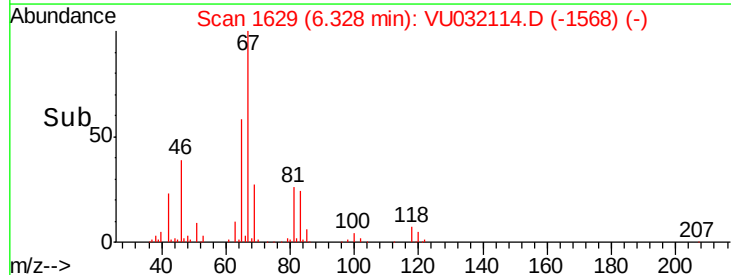
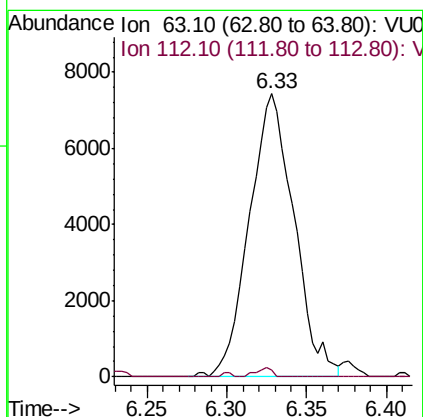
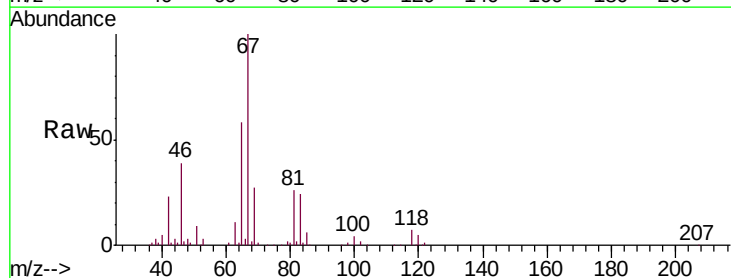
Instrument :
MSVOA_U
ClientSampleId :
F9W11DL

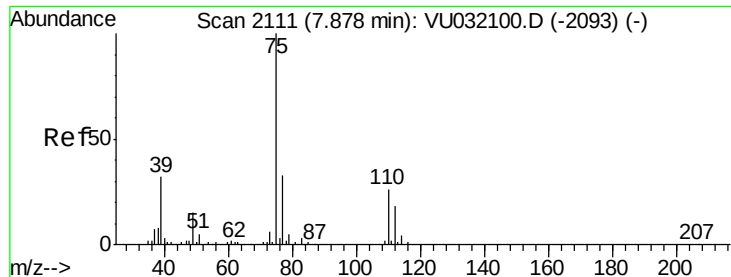
Tgt Ion: 83 Resp: 33256
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 1.4 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.000 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032114.D
Acq: 17 May 2019 20:42

Tgt Ion: 63 Resp: 14278
Ion Ratio Lower Upper
63 100
112 1.1 3.8 5.6#

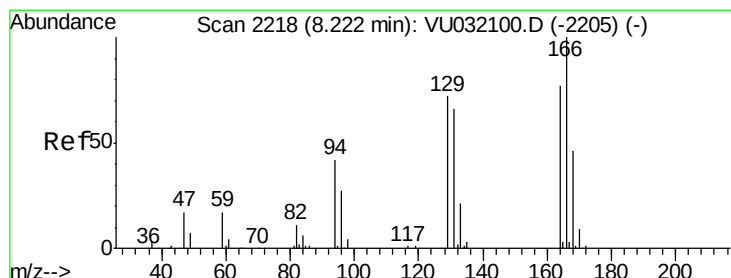
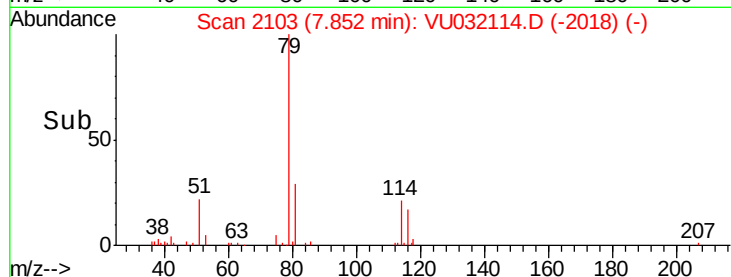
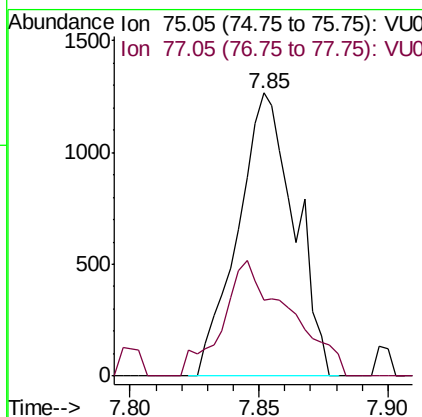
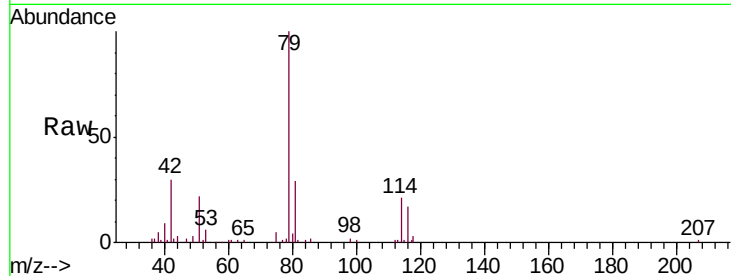




#44
trans-1,3-Dichloropropene
Concen: 0.127 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU032114.D
Acq: 17 May 2019 20:42

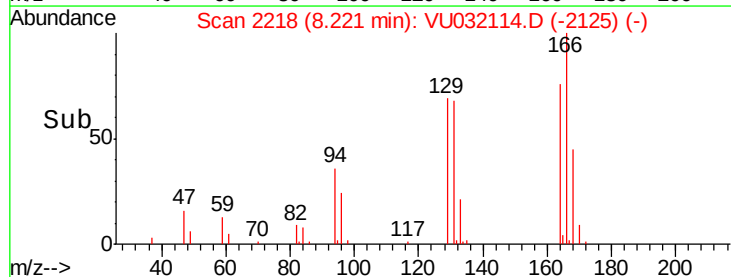
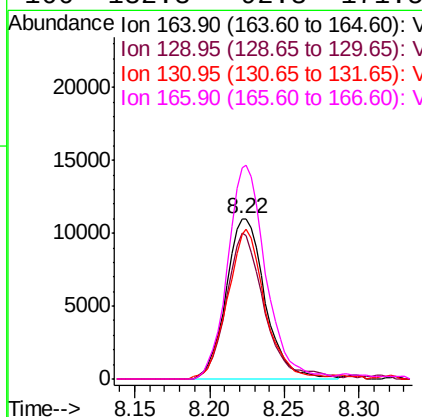
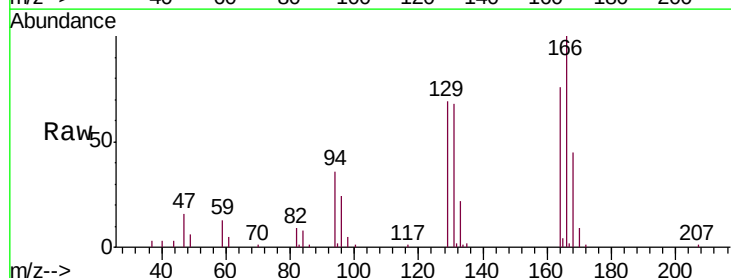
Instrument :
MSVOA_U
ClientSampleId :
F9W11DL

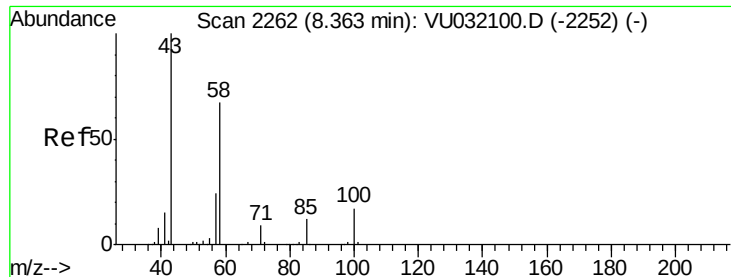
Tgt Ion: 75 Resp: 1944
Ion Ratio Lower Upper
75 100
77 26.7 21.0 39.0



#47
Tetrachloroethene
Concen: 1.685 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032114.D
Acq: 17 May 2019 20:42

Tgt Ion: 164 Resp: 19962
Ion Ratio Lower Upper
164 100
129 91.6 70.3 130.5
131 90.2 64.5 119.9
166 132.3 92.3 171.5

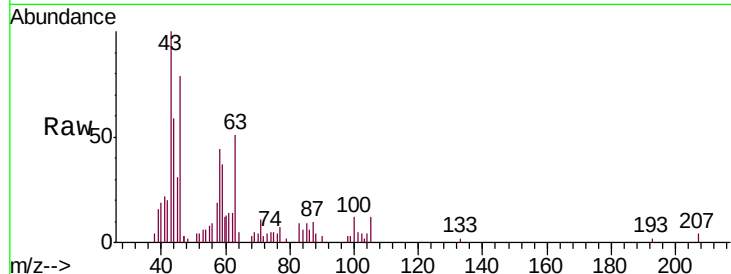




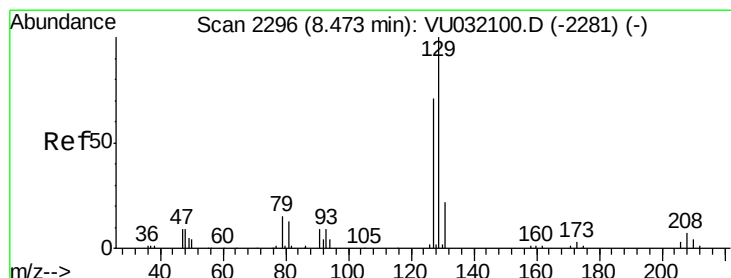
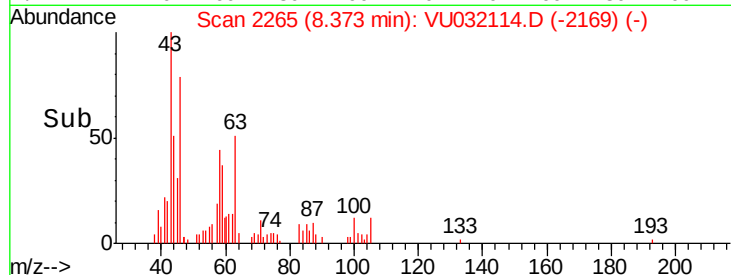
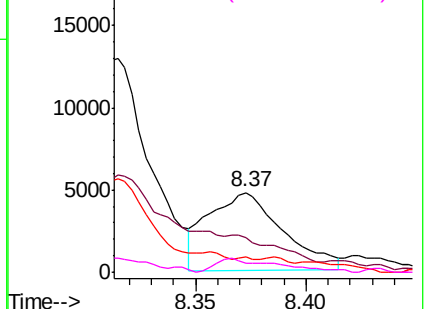
#48
2-Hexanone
Concen: 2.199 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU032114.D
Acq: 17 May 2019 20:42

Instrument :
MSVOA_U
ClientSampleId :
F9W11DL

Tgt Ion: 43 Resp: 11292
Ion Ratio Lower Upper
43 100
58 0.0 51.6 77.4#
57 0.0 18.4 27.6#
100 14.9 12.2 18.4

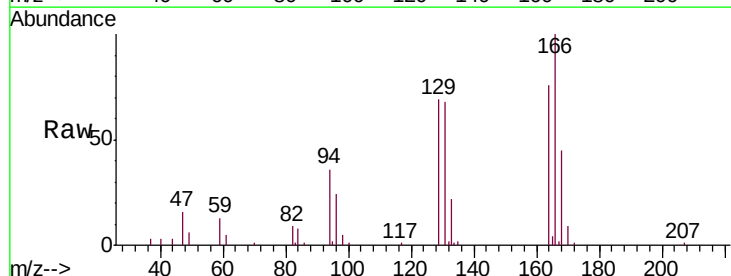


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

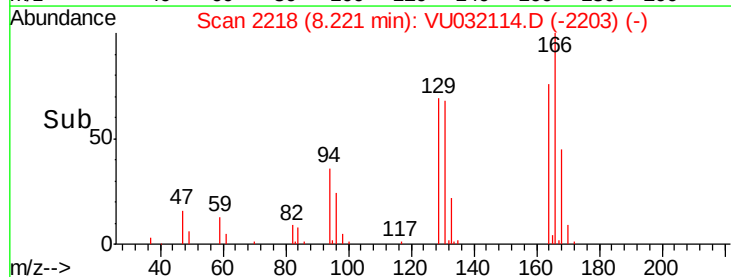
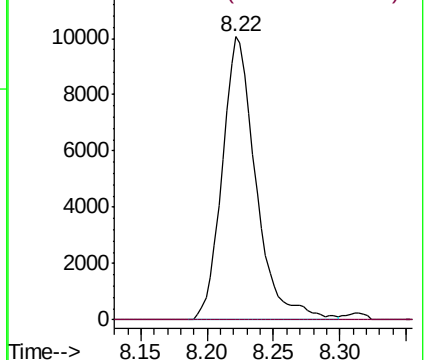


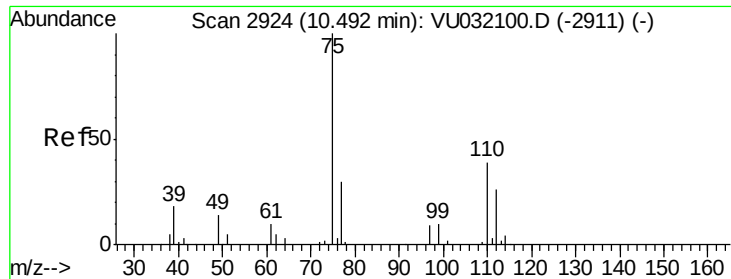
#49
Dibromochloromethane
Concen: 1.464 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032114.D
Acq: 17 May 2019 20:42

Tgt Ion: 129 Resp: 17794
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: 1.562 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032114.D

Acq: 17 May 2019 20:42

Instrument :

MSVOA_U

ClientSampleId :

F9W11DL

Tgt Ion: 75 Resp: 14172

Ion Ratio Lower Upper

75 100

77 37.8 26.2 39.2

