

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111618\
 Data File : VU028199.D
 Acq On : 16 Nov 2018 21:21
 Operator : MD/SY
 Sample : J5960-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 00:04:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 23:59:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	152866	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147777	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64769	5.00	ug/L	0.00

System Monitoring Compounds

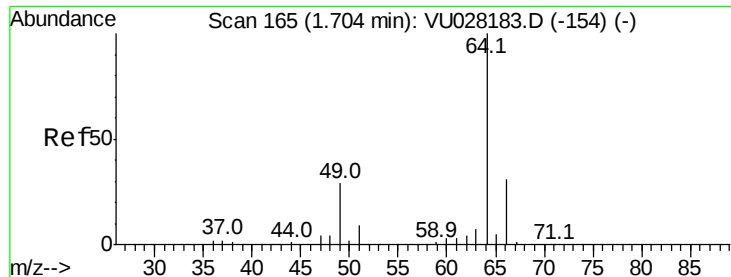
4) Vinyl Chloride-d3	1.40	65	45062	3.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.00%
7) Chloroethane-d5	1.68	69	42963	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.28	63	66472	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.20	46	209174	56.85	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.70%
24) Chloroform-d	4.65	84	92364	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.31	65	56864	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.34	84	179743	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.33	67	69280	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.57	98	144170	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
43) trans-1,3-Dichloropropene-	7.85	79	19015	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.31	63	151362	48.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52467	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	54636	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.70	64	1843	0.187	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	584	0.058	ug/L #	20
13) Acetone	2.33	43	5152	2.079	ug/L	84
25) Chloroform	4.68	83	4316	0.212	ug/L	94
35) Methylcyclohexane	6.33	83	14220	0.672	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	7353	0.534	ug/L #	92
48) 2-Hexanone	8.31	43	19697	2.920	ug/L #	71
49) Dibromochloromethane	8.23	129	694	0.078	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	9138	1.182	ug/L	96

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

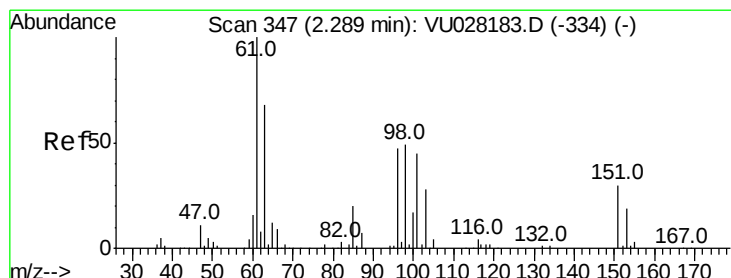
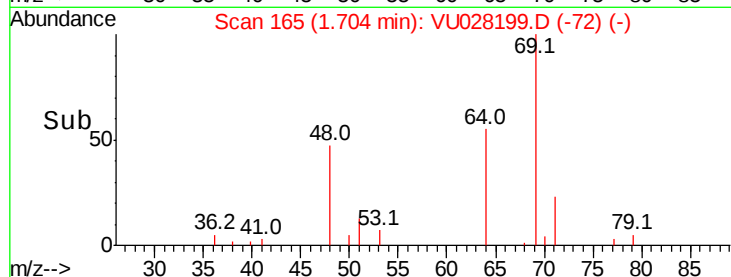
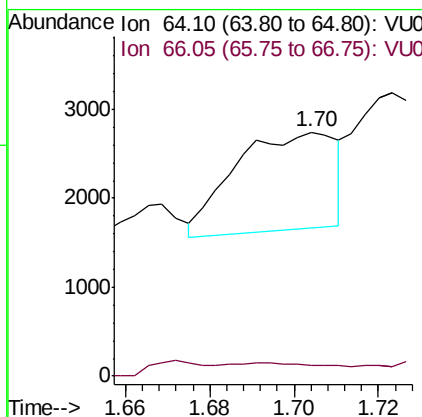
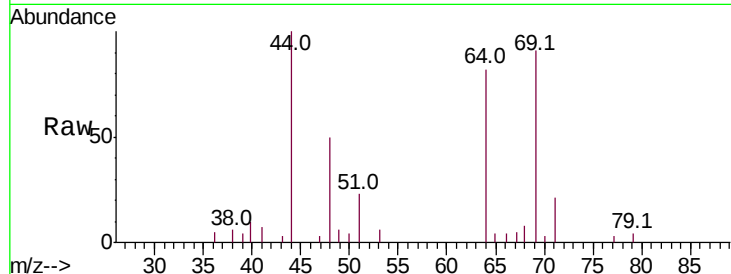
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111618\
Data File : VU028199.D
Acq On : 16 Nov 2018 21:21
Operator : MD/SY
Sample : J5960-01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1



#8
Chloroethane
Concen: 0.187 ug/L
RT: 1.70 min Scan# 165
Delta R.T. -0.00 min
Lab File: VU028199.D
Acq: 16 Nov 2018 21:21

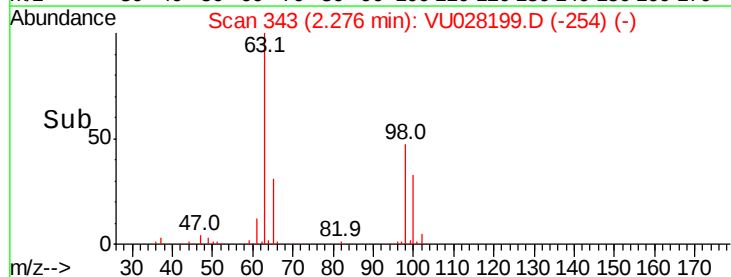
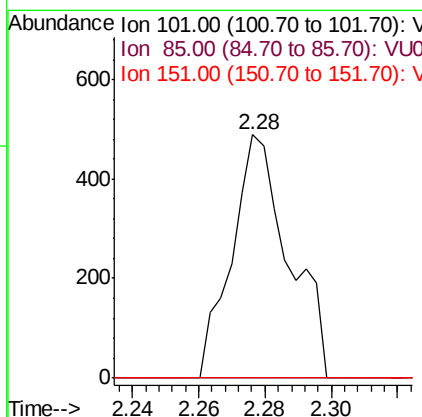
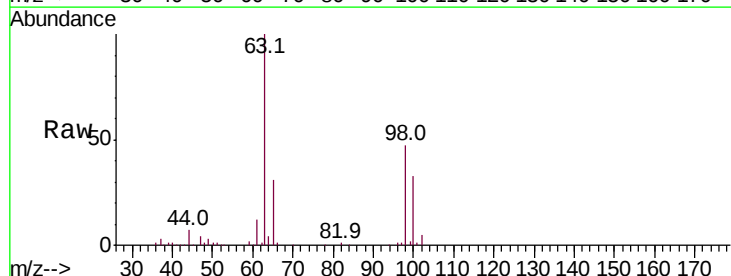
Instrument :
MSVOA_U
ClientSampled :

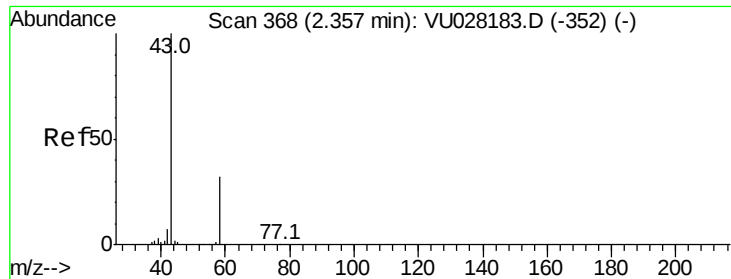
Tot Ion: 64 Resp: 1843
Ion Ratio Lower Upper
64 100
66 4.7 23.1 42.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU028199.D
Acq: 16 Nov 2018 21:21

Tgt Ion: 101 Resp: 584
Ion Ratio Lower Upper
101 100
85 0.0 37.6 56.4#
151 0.0 58.2 87.2#





#13

Acetone

Concen: 2.079 ug/L

RT: 2.33 min Scan# 360

Delta R.T. -0.03 min

Lab File: VU028199.D

Acq: 16 Nov 2018 21:21

Instrument :

MSVOA_U

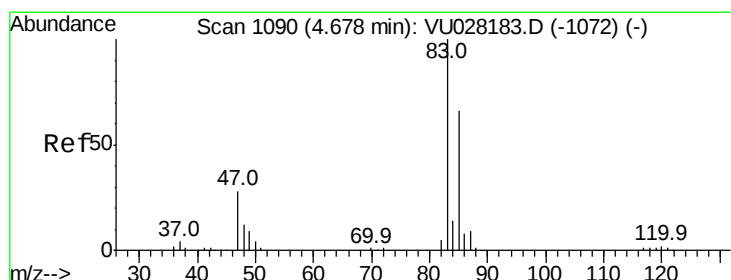
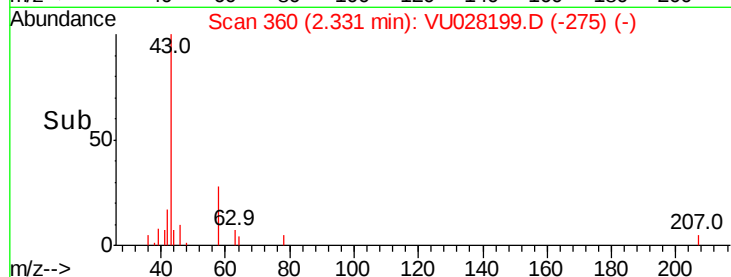
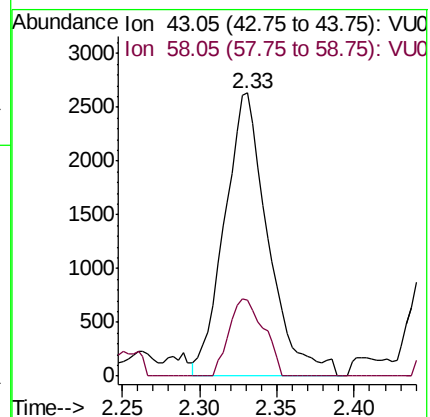
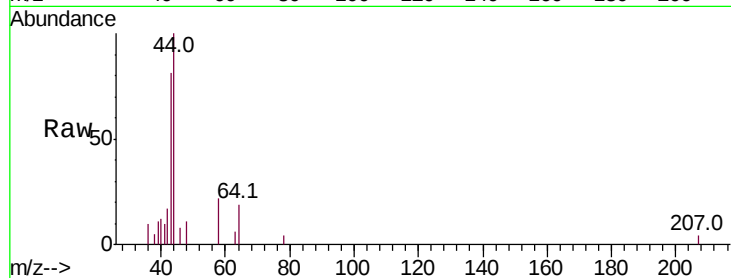
ClientSampleId :

Tot Ion: 43 Resp: 5152

Ion Ratio Lower Upper

43 100

58 21.9 0.0 61.6



#25

Chloroform

Concen: 0.212 ug/L

RT: 4.68 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VU028199.D

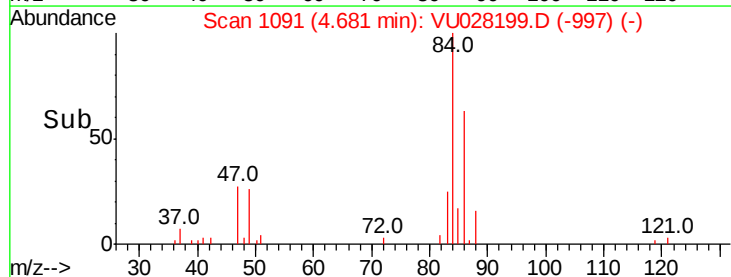
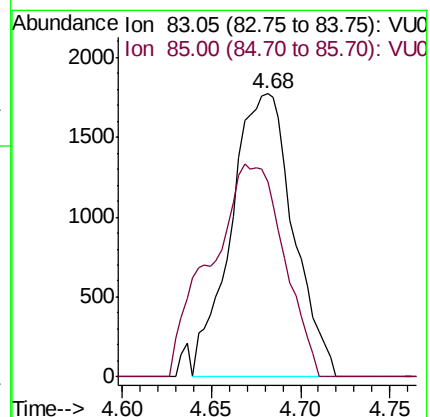
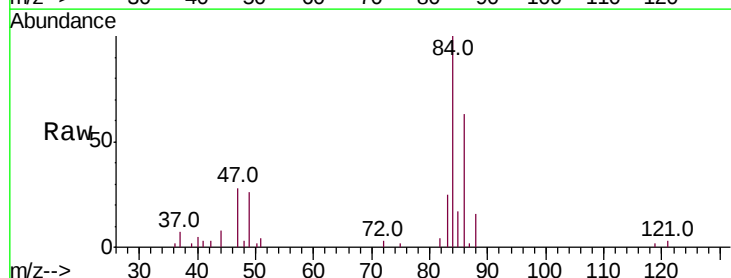
Acq: 16 Nov 2018 21:21

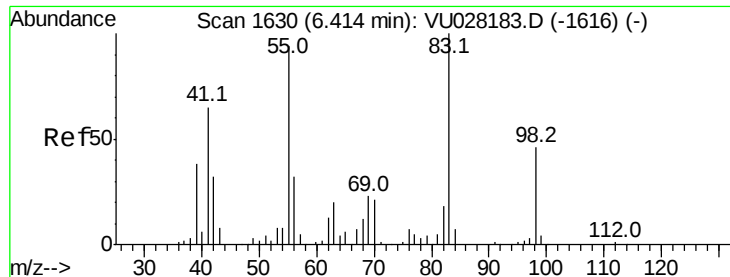
Tgt Ion: 83 Resp: 4316

Ion Ratio Lower Upper

83 100

85 69.0 45.0 83.6

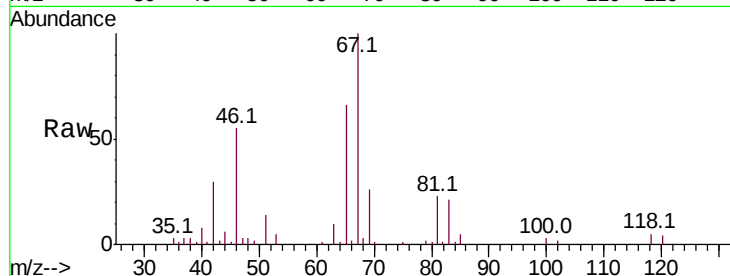




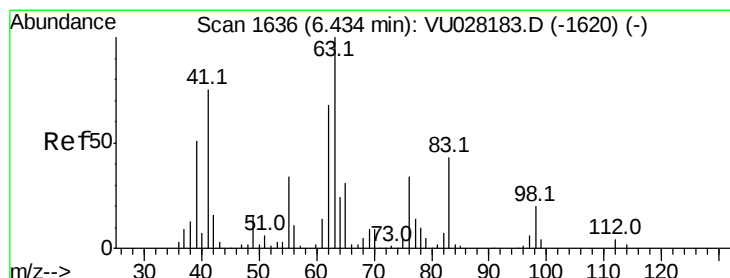
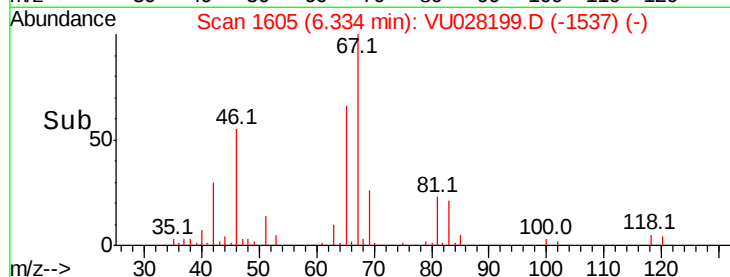
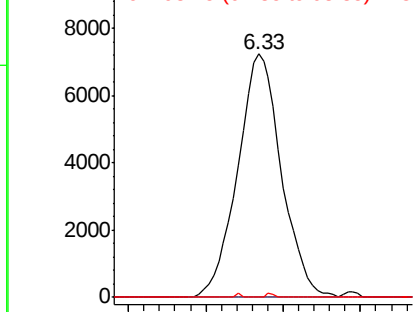
#35
Methvlcvclohexane
Concen: 0.672 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028199.D
Acq: 16 Nov 2018 21:21

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 14220
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.3 33.3 49.9#

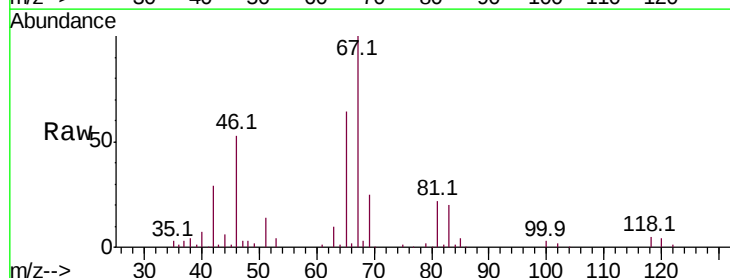


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

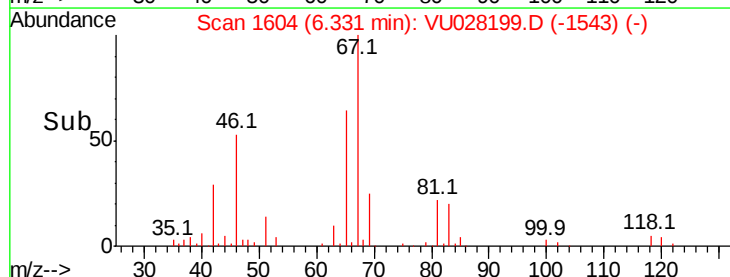
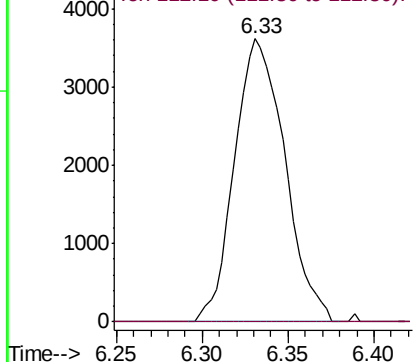


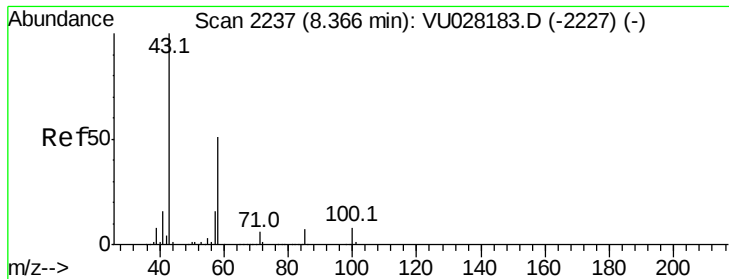
#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028199.D
Acq: 16 Nov 2018 21:21

Tgt Ion: 63 Resp: 7353
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.4#



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

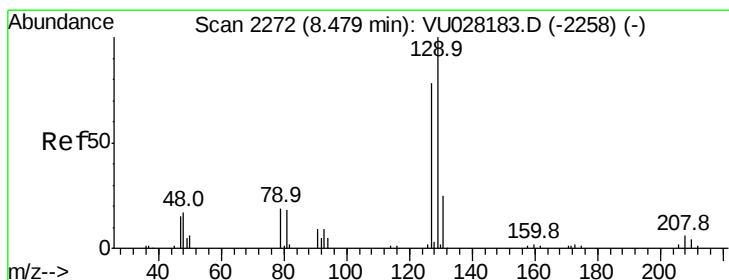
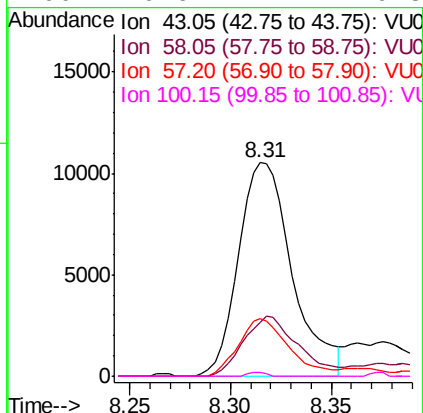
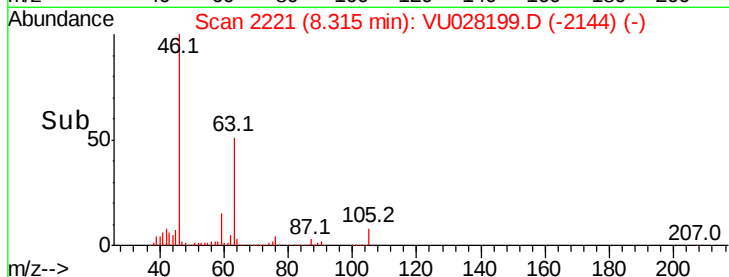
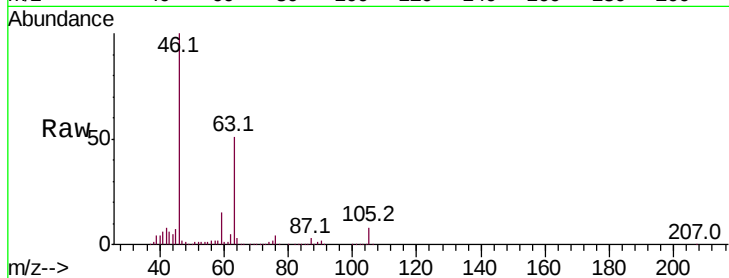




#48
2-Hexanone
Concen: 2.920 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU028199.D
Acq: 16 Nov 2018 21:21

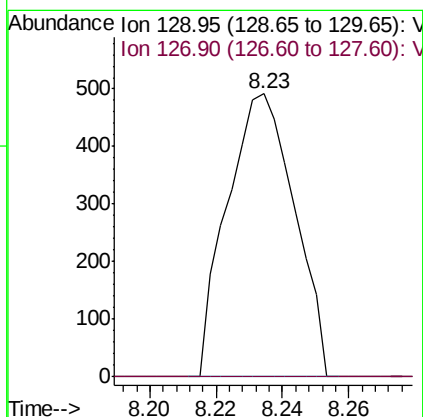
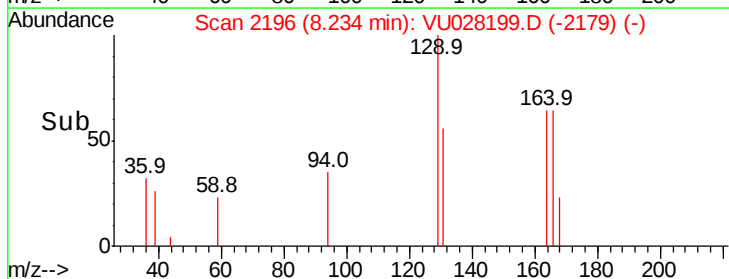
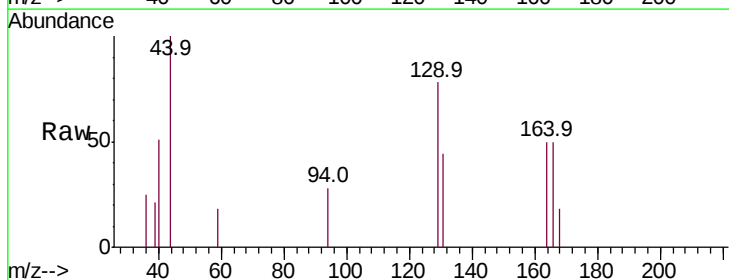
Instrument :
MSVOA_U
ClientSampleId :

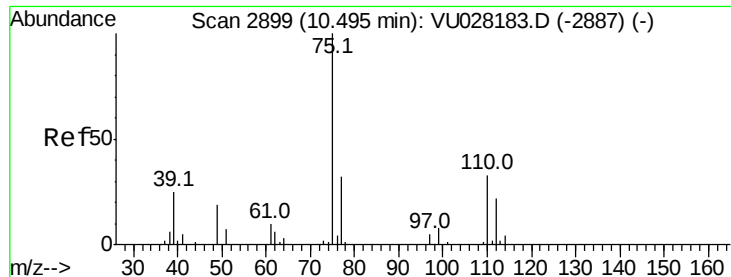
Tot Ion: 43 Resp: 19697
Ion Ratio Lower Upper
43 100
58 28.1 41.7 62.5#
57 25.2 14.0 21.0#
100 0.6 7.2 10.8#



#49
Dibromochloromethane
Concen: 0.078 ug/L
RT: 8.23 min Scan# 2196
Delta R.T. -0.24 min
Lab File: VU028199.D
Acq: 16 Nov 2018 21:21

Tgt Ion: 129 Resp: 694
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 1.182 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028199.D

Acq: 16 Nov 2018 21:21

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 9138

Ion Ratio Lower Upper

75 100

77 33.7 25.4 38.0

