

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111618\
 Data File : VU028193.D
 Acq On : 16 Nov 2018 18:59
 Operator : MD/SY
 Sample : J5946-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 00:03:21 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	162194	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155455	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	68707	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47573	3.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.69	69	42389	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.28	63	71271	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.19	46	205673	52.69	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.38%
24) Chloroform-d	4.65	84	95246	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.31	65	57256	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.34	84	185139	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.33	67	74249	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.57	98	154618	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	7.86	79	19648	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.31	63	147903	45.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53140	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	56437	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

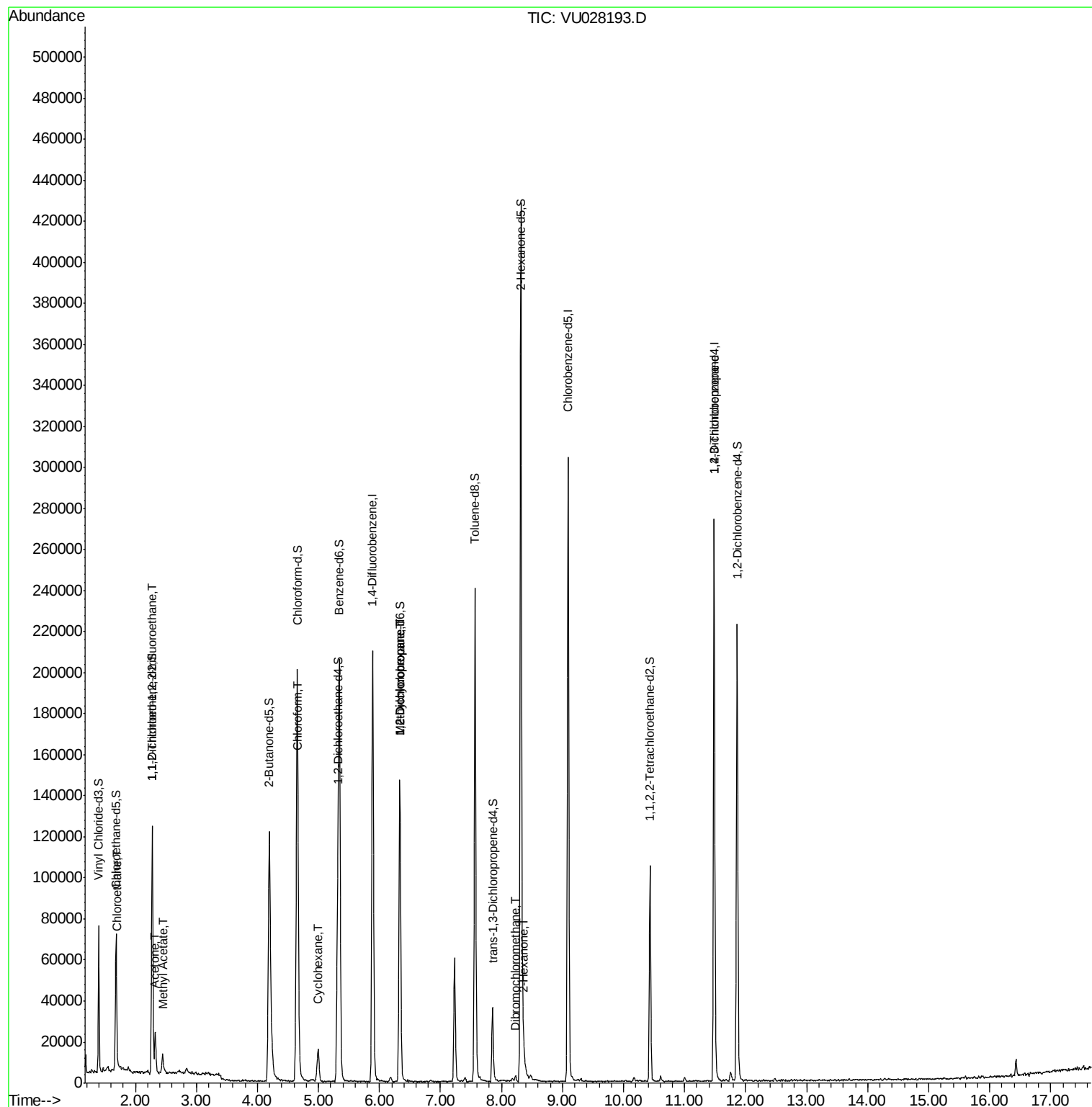
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.70	64	6903	0.660	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	653	0.061	ug/L #	20
13) Acetone	2.32	43	19649	7.474	ug/L	94
15) Methyl Acetate	2.45	43	3088	0.439	ug/L #	58
25) Chloroform	4.68	83	888	0.041	ug/L	85
30) Cyclohexane	4.99	56	8449	0.342	ug/L	97
35) Methylcyclohexane	6.33	83	15002	0.674	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	7624	0.526	ug/L #	92
48) 2-Hexanone	8.37	43	4047	0.570	ug/L #	88
49) Dibromochloromethane	8.23	129	476	0.051	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	9618	1.182	ug/L	91

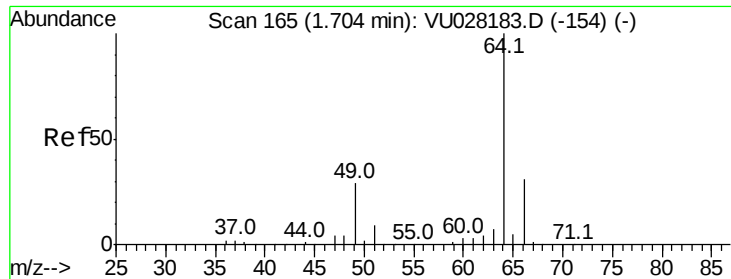
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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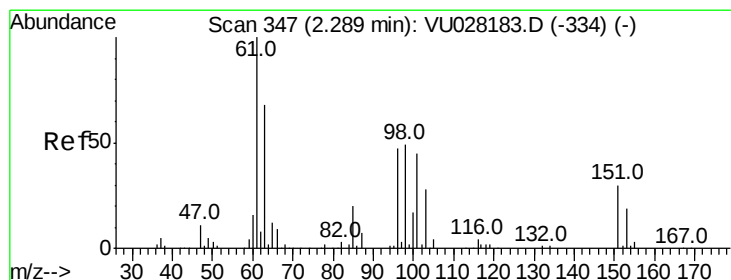
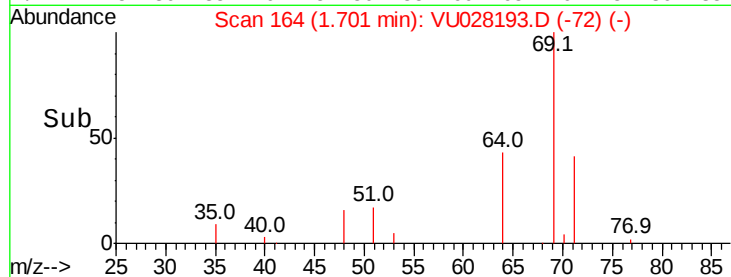
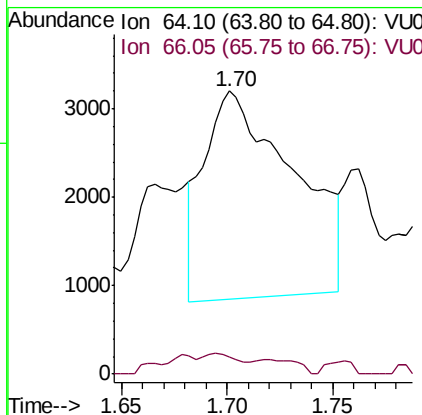
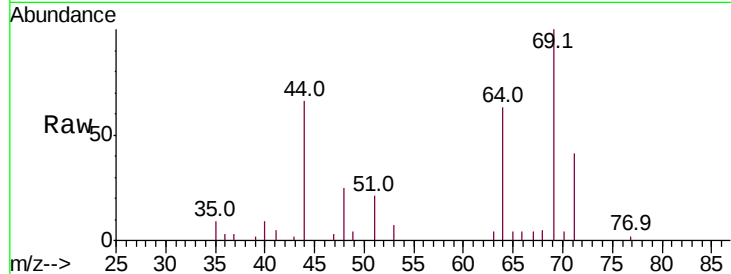




#8
Chloroethane
Concen: 0.660 ug/L
RT: 1.70 min Scan# 164
Delta R.T. -0.00 min
Lab File: VU028193.D
Acq: 16 Nov 2018 18:59

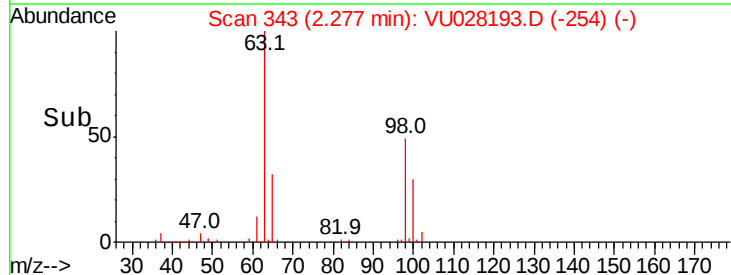
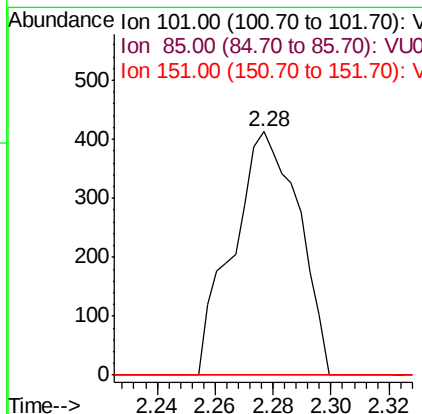
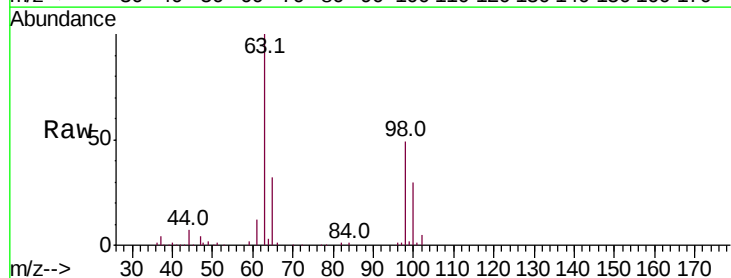
Instrument :
MSVOA_U
ClientSampleId :

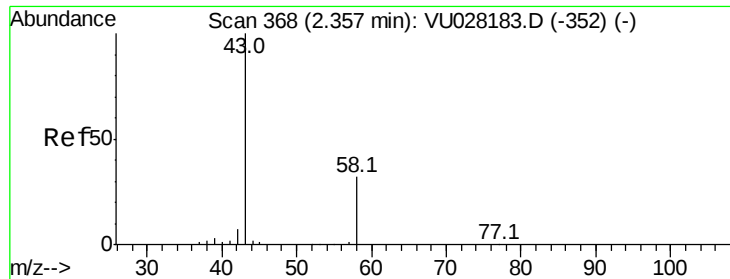
Tot Ion: 64 Resp: 6903
Ion Ratio Lower Upper
64 100
66 6.3 23.1 42.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU028193.D
Acq: 16 Nov 2018 18:59

Tgt Ion:101 Resp: 653
Ion Ratio Lower Upper
101 100
85 0.0 37.6 56.4#
151 0.0 58.2 87.2#





#13

Acetone

Concen: 7.474 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.03 min

Lab File: VU028193.D

Acq: 16 Nov 2018 18:59

Instrument :

MSVOA_U

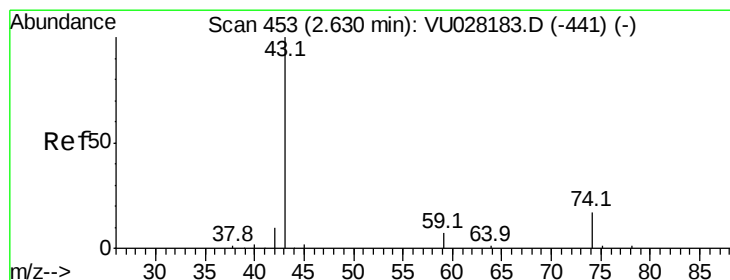
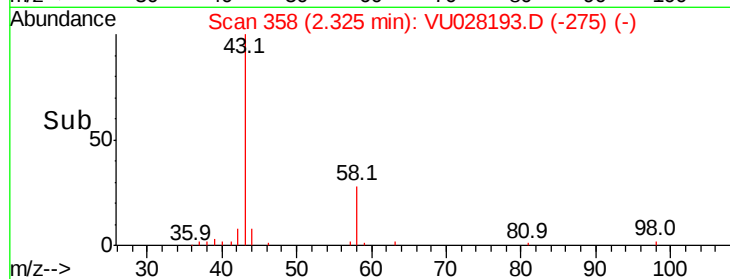
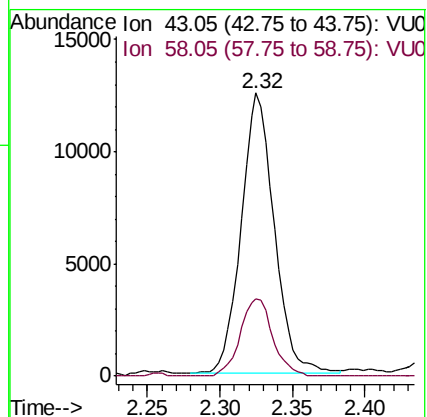
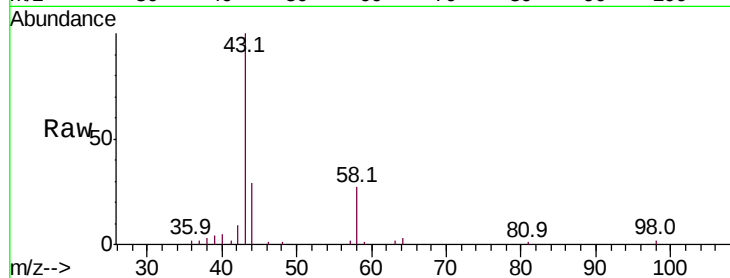
ClientSampleId :

Tot Ion: 43 Resp: 19649

Ion Ratio Lower Upper

43 100

58 27.3 0.0 61.6



#15

Methyl Acetate

Concen: 0.439 ug/L

RT: 2.45 min Scan# 396

Delta R.T. -0.18 min

Lab File: VU028193.D

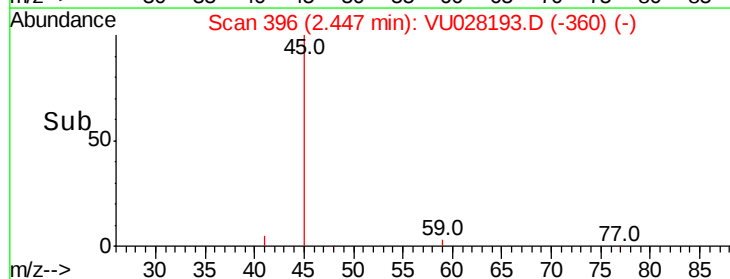
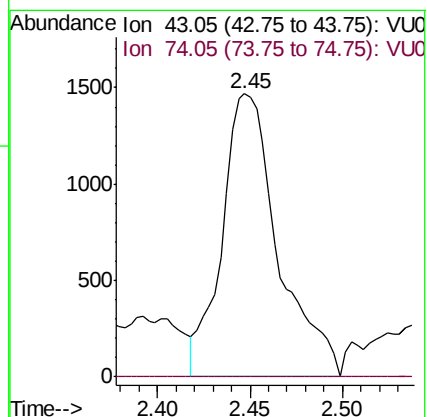
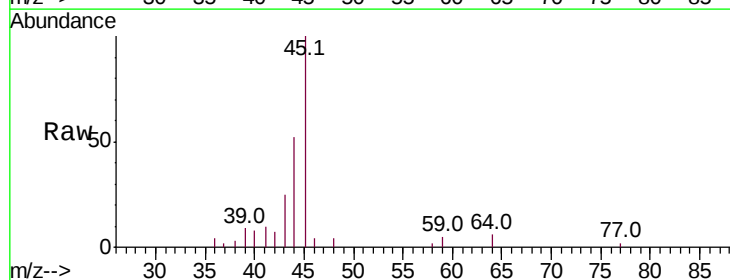
Acq: 16 Nov 2018 18:59

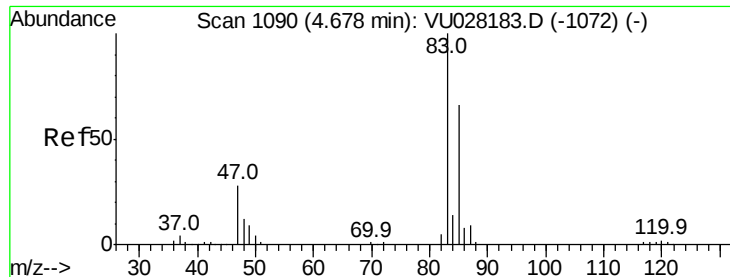
Tgt Ion: 43 Resp: 3088

Ion Ratio Lower Upper

43 100

74 0.0 14.9 22.3#





#25

Chloroform

Concen: 0.041 ug/L

RT: 4.68 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU028193.D

Acq: 16 Nov 2018 18:59

Instrument :

MSVOA_U

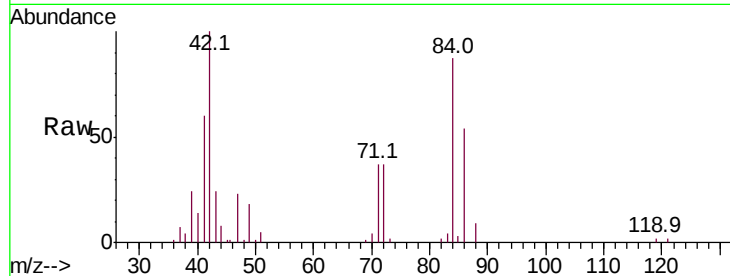
ClientSampleId :

Tot Ion: 83 Resp: 888

Ion Ratio Lower Upper

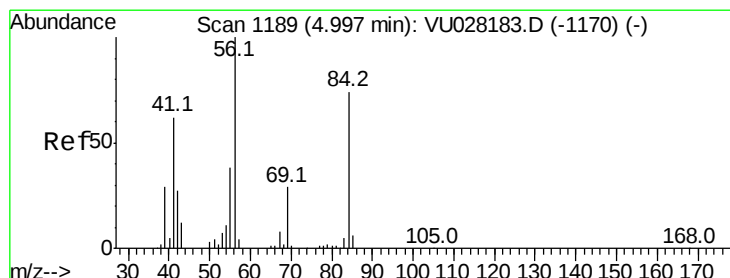
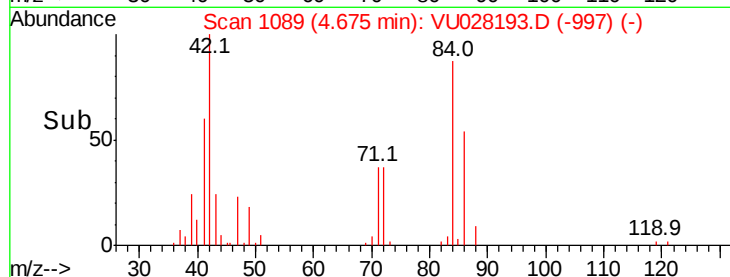
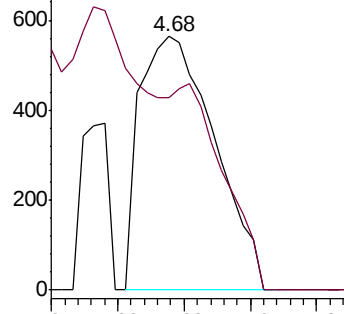
83 100

85 75.7 45.0 83.6



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#30

Cyclohexane

Concen: 0.342 ug/L

RT: 4.99 min Scan# 1187

Delta R.T. -0.01 min

Lab File: VU028193.D

Acq: 16 Nov 2018 18:59

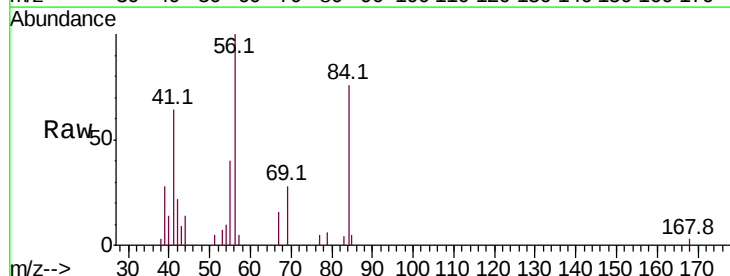
Tgt Ion: 56 Resp: 8449

Ion Ratio Lower Upper

56 100

69 26.2 22.6 33.8

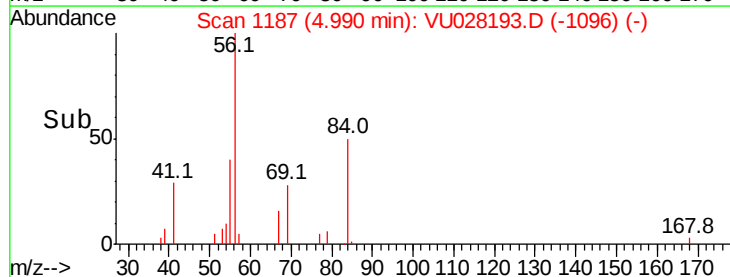
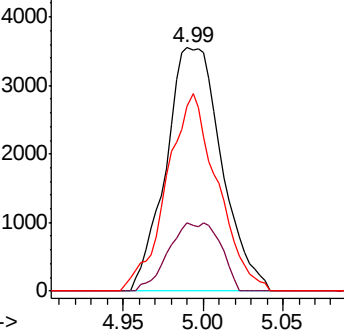
84 74.2 57.7 86.5

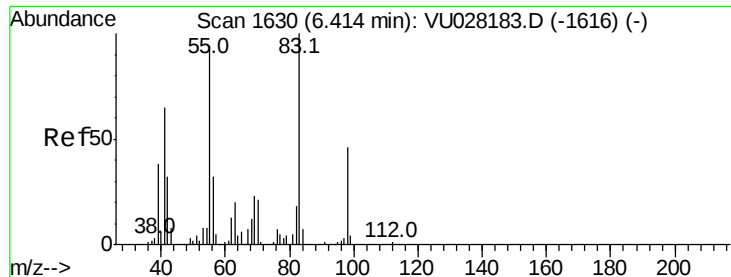


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0

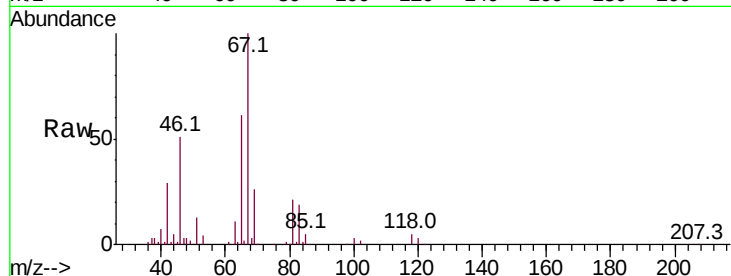




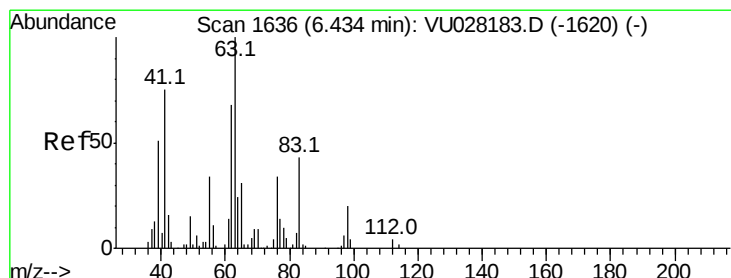
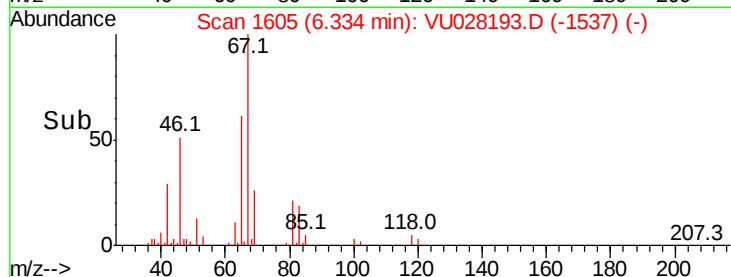
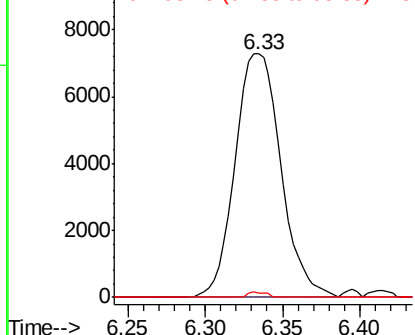
#35
Methvlcvclohexane
Concen: 0.674 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028193.D
Acq: 16 Nov 2018 18:59

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 15002
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.9 33.3 49.9#

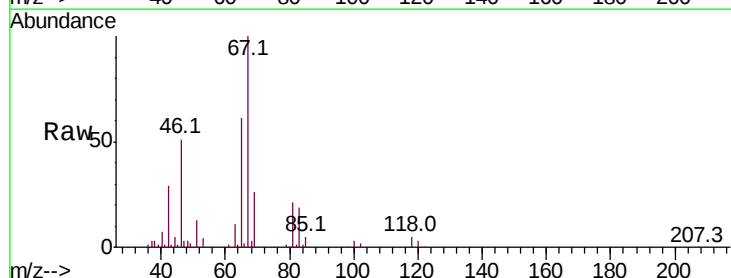


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

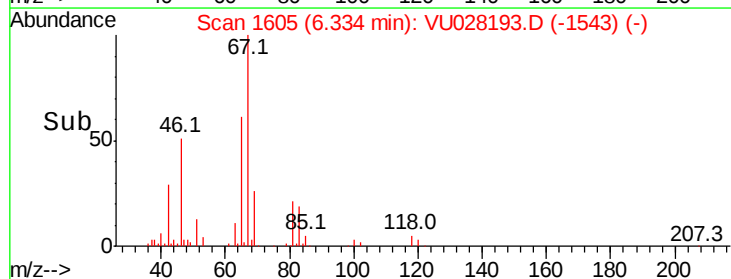
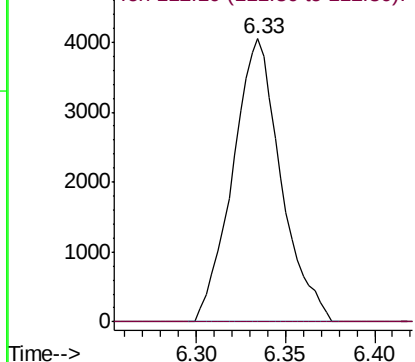


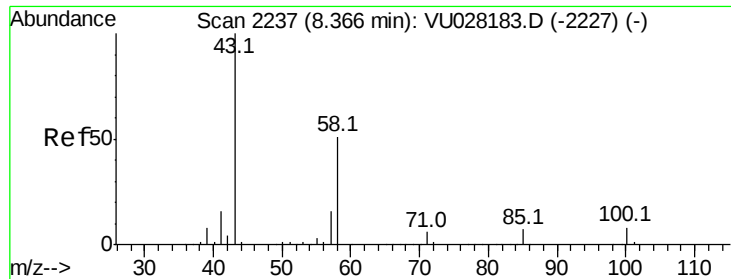
#37
1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028193.D
Acq: 16 Nov 2018 18:59

Tgt Ion: 63 Resp: 7624
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

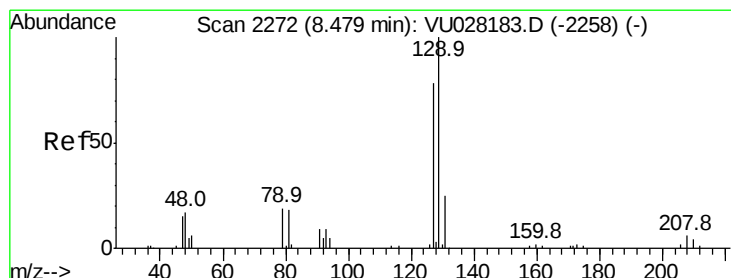
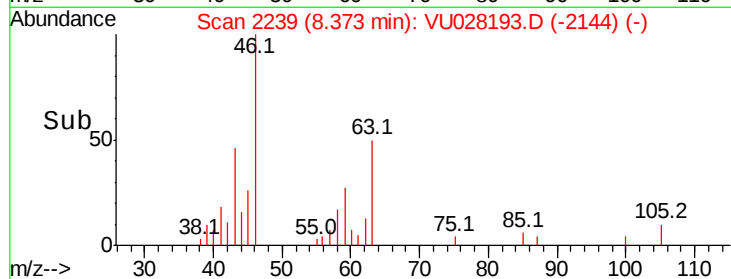
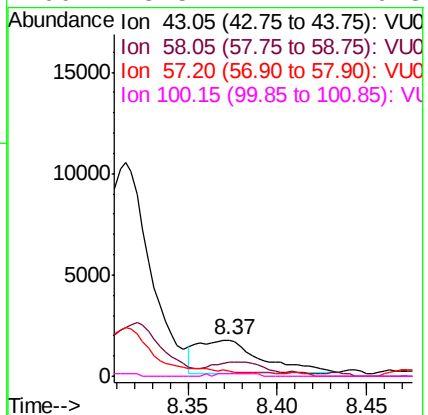
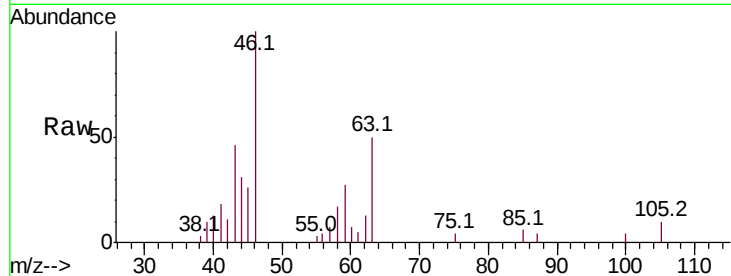




#48
2-Hexanone
Concen: 0.570 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028193.D
Acq: 16 Nov 2018 18:59

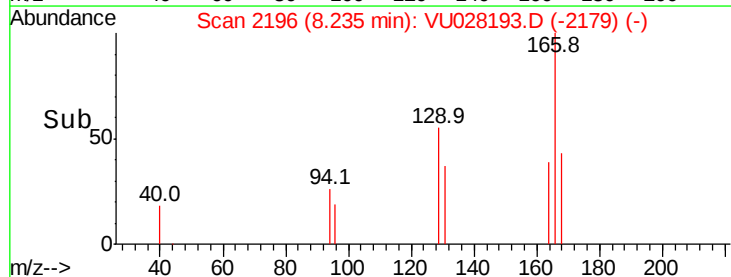
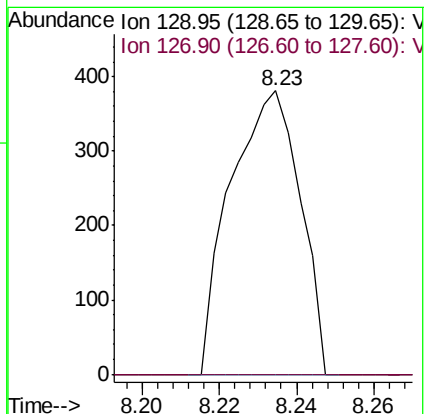
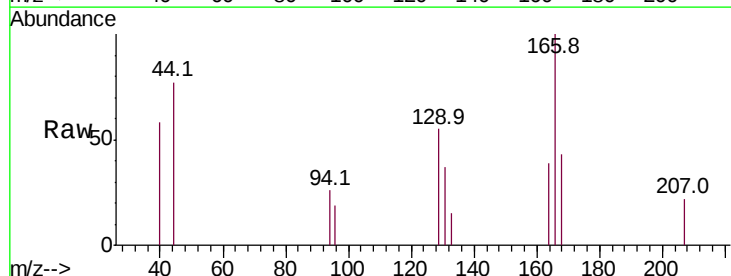
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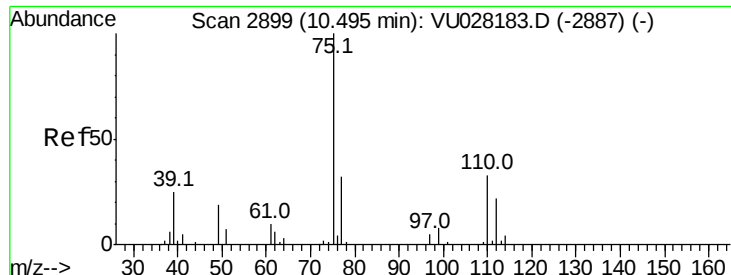
Tot Ion: 43 Resp: 4047
Ion Ratio Lower Upper
43 100
58 43.3 41.7 62.5
57 12.6 14.0 21.0#
100 5.5 7.2 10.8#



#49
Dibromochloromethane
Concen: 0.051 ug/L
RT: 8.23 min Scan# 2196
Delta R.T. -0.24 min
Lab File: VU028193.D
Acq: 16 Nov 2018 18:59

Tgt Ion: 129 Resp: 476
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 1.182 ug/L

RT: 11.49 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028193.D

Acq: 16 Nov 2018 18:59

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 9618

Ion Ratio Lower Upper

75 100

77 36.9 25.4 38.0

