

Data File : VU028230.D
Acq On : 17 Nov 2018 17:31
Operator : MD/SY
Sample : J5944-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Nov 19 03:11:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 03:08:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	151729	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144284	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64380	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55613	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.68	69	47146	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.28	63	83422	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.21	46	201041	52.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.24%
24) Chloroform-d	4.65	84	100237	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.31	65	61359	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.34	84	205990	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.33	67	77798	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.57	98	177073	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.85	79	21625	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.31	63	147115	50.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53871	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	59305	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

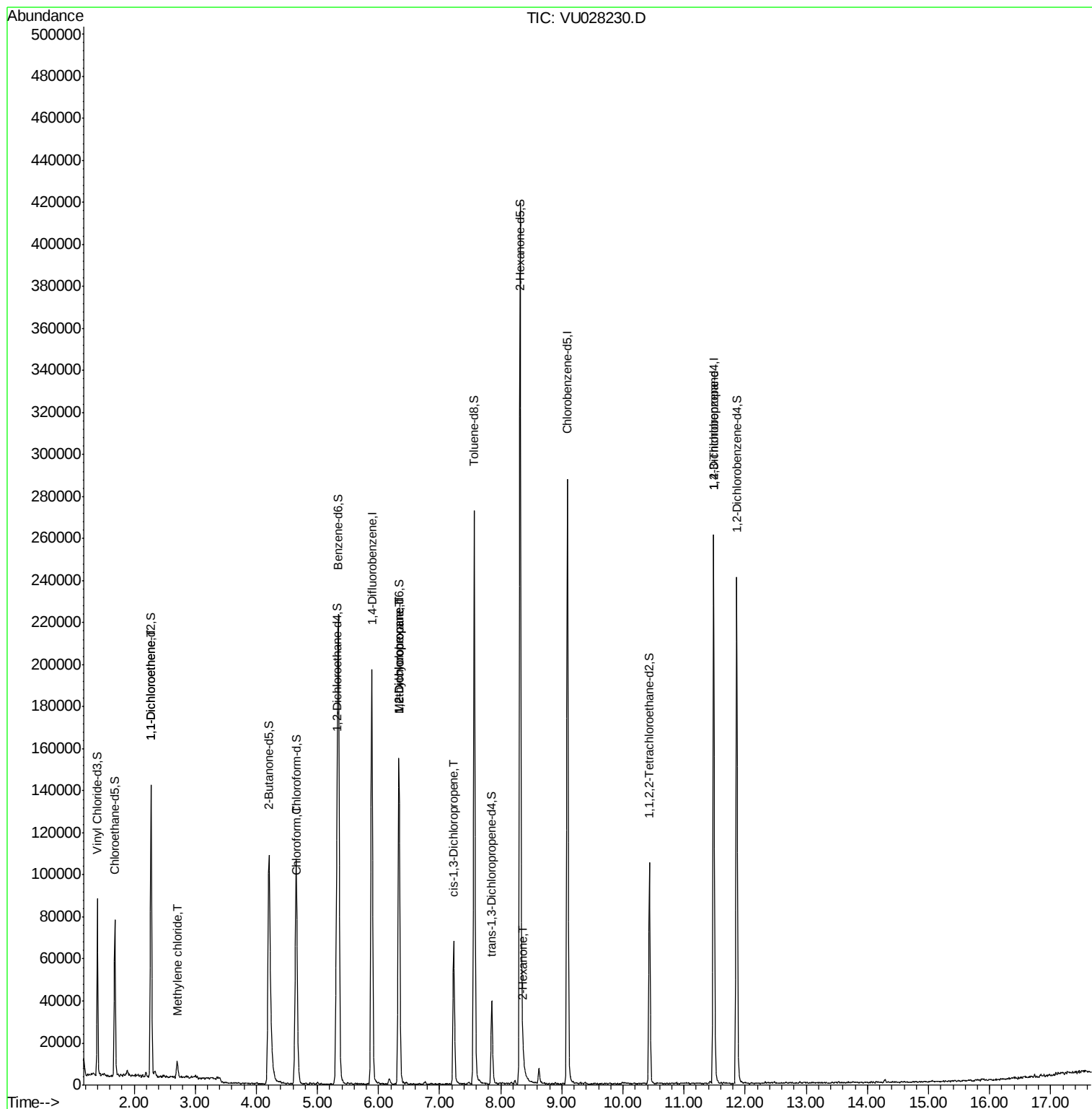
					Qvalue	
12) 1,1-Dichloroethene	2.28	96	478	0.051	ug/L #	1
16) Methylene chloride	2.71	84	2839	0.241	ug/L	92
25) Chloroform	4.67	83	7613	0.305	ug/L	98
35) Methylcyclohexane	6.33	83	15698	0.855	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	8190	0.603	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1699	0.099	ug/L #	64
48) 2-Hexanone	8.38	43	2600	0.375	ug/L #	75
59) 1,2,3-Trichloropropane	11.49	75	9480	1.208	ug/L	93

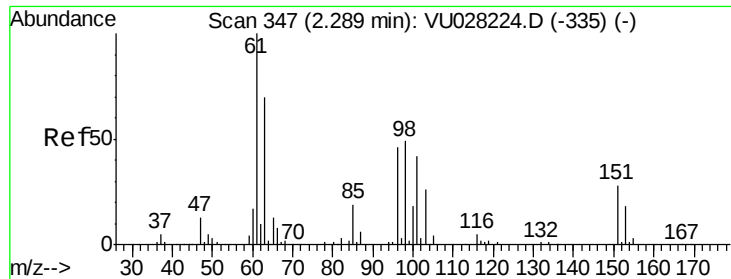
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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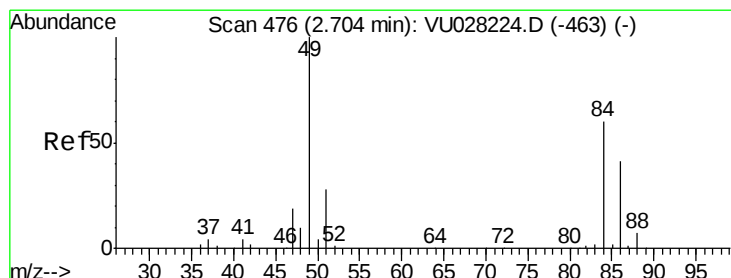
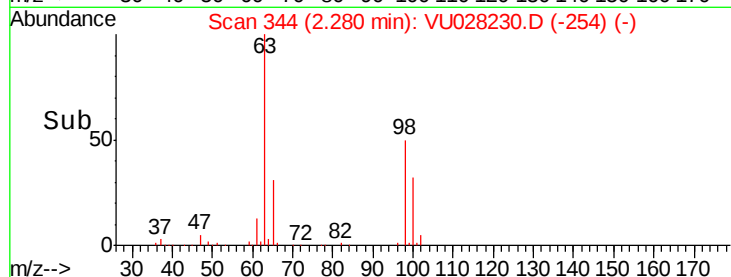
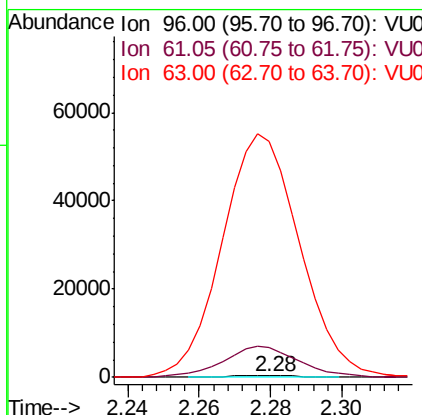
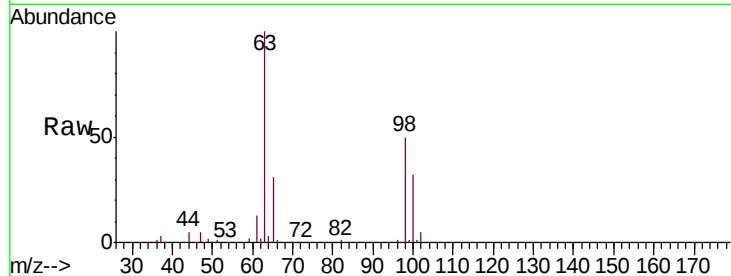




#12
 1,1-Dichloroethene
 Concen: 0.051 ug/L
 RT: 2.28 min Scan# 344
 Delta R.T. -0.01 min
 Lab File: VU028230.D
 Acq: 17 Nov 2018 17:31

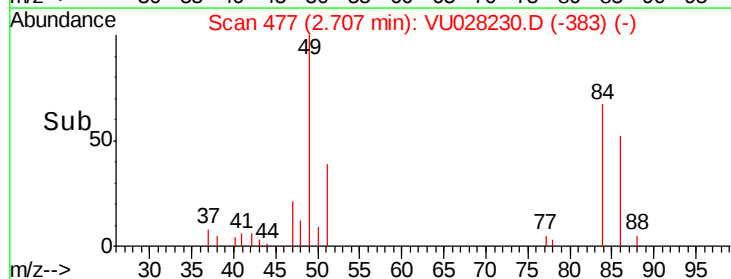
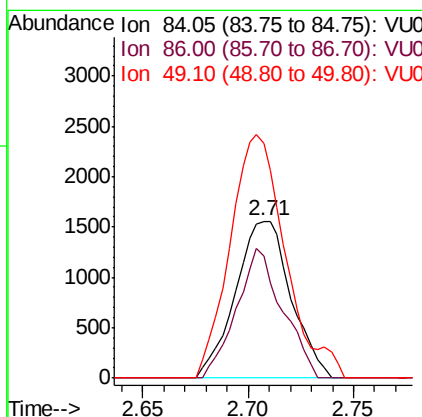
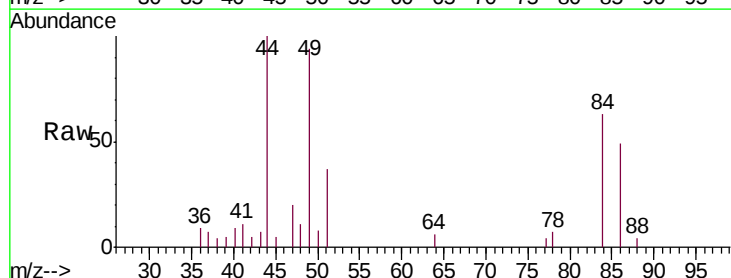
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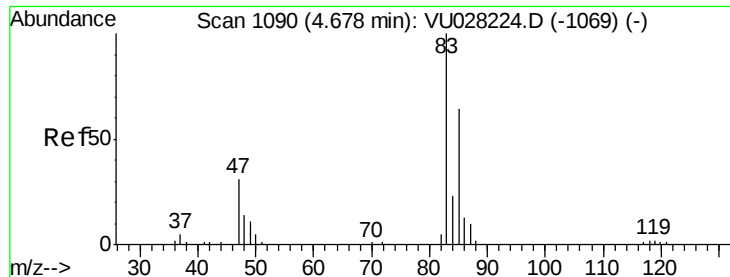
Tgt Ion: 96 Resp: 478
 Ion Ratio Lower Upper
 96 100
 61 1903.4 145.5 270.1#
 63 15209.1 98.6 183.2#



#16
 Methylene chloride
 Concen: 0.241 ug/L
 RT: 2.71 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: VU028230.D
 Acq: 17 Nov 2018 17:31

Tgt Ion: 84 Resp: 2839
 Ion Ratio Lower Upper
 84 100
 86 77.6 45.3 84.1
 49 149.3 107.9 200.5

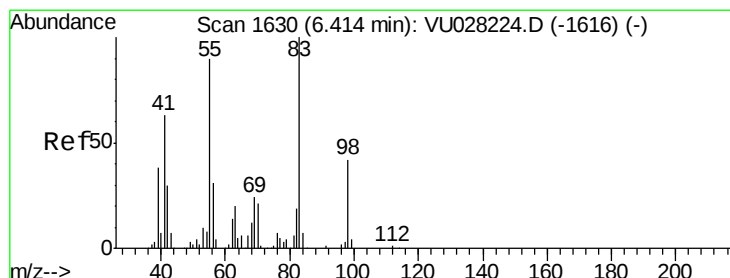
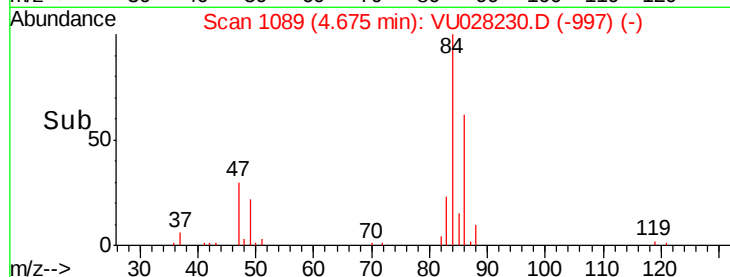
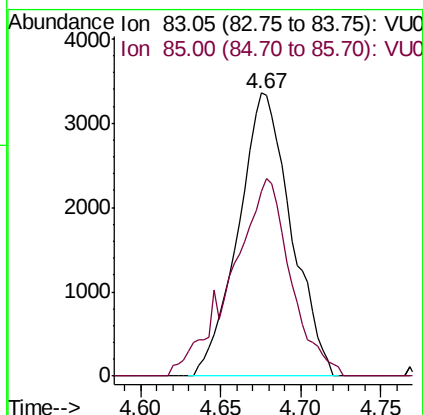
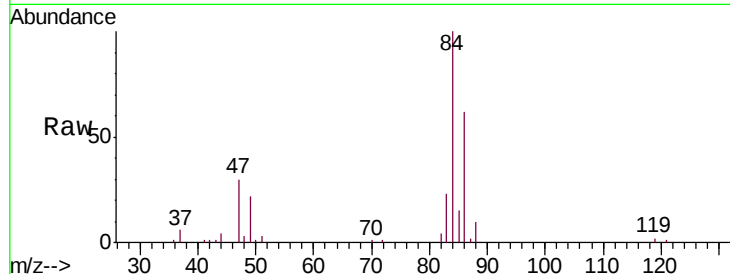




#25
Chloroform
Concen: 0.305 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU028230.D
Acq: 17 Nov 2018 17:31

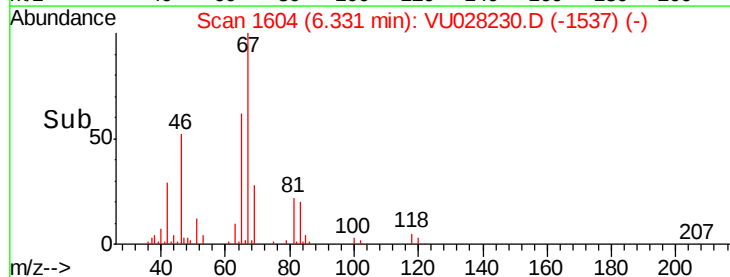
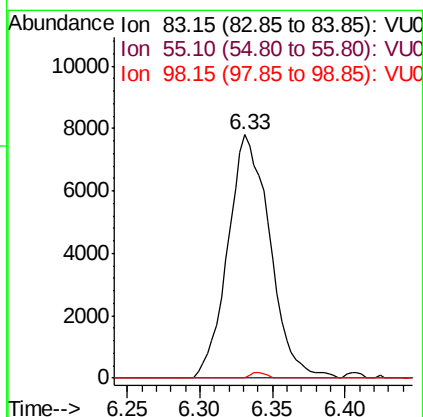
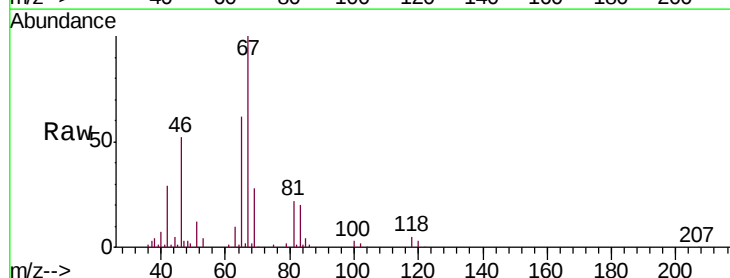
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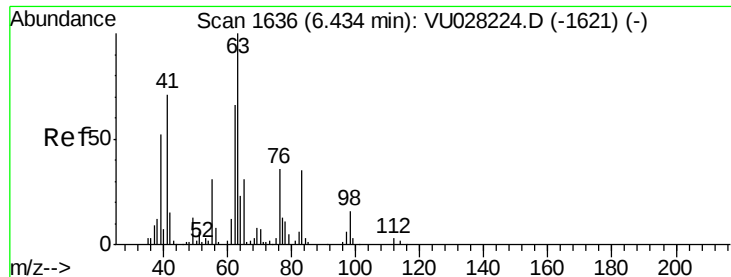
Tgt Ion: 83 Resp: 7613
Ion Ratio Lower Upper
83 100
85 65.2 44.6 82.8



#35
Methylcyclohexane
Concen: 0.855 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028230.D
Acq: 17 Nov 2018 17:31

Tgt Ion: 83 Resp: 15698
Ion Ratio Lower Upper
83 100
55 0.0 73.2 109.8#
98 0.9 33.4 50.2#

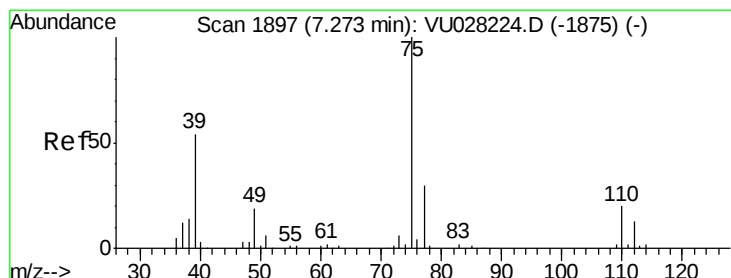
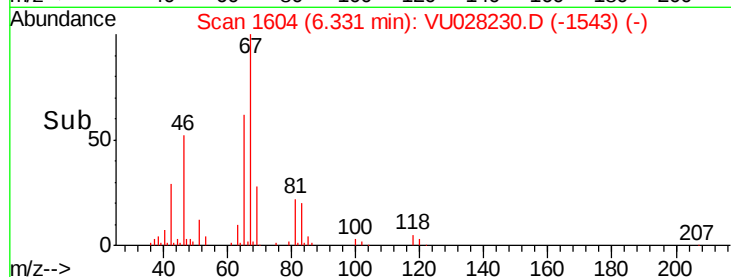
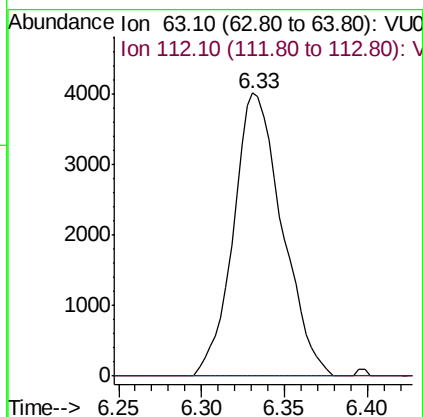
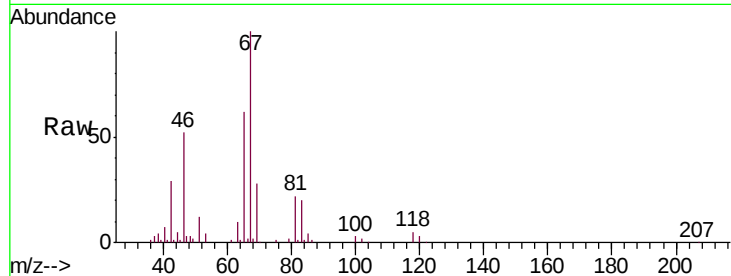




#37
 1,2-Dichloropropane
 Concen: 0.603 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028230.D
 Acq: 17 Nov 2018 17:31

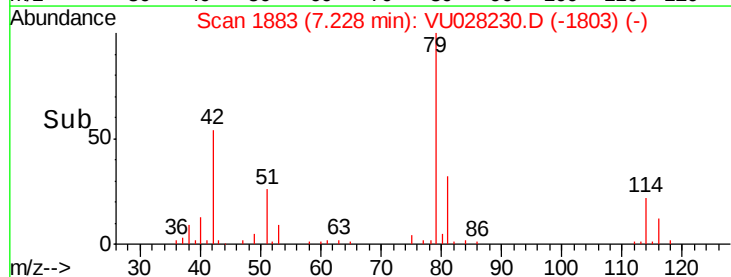
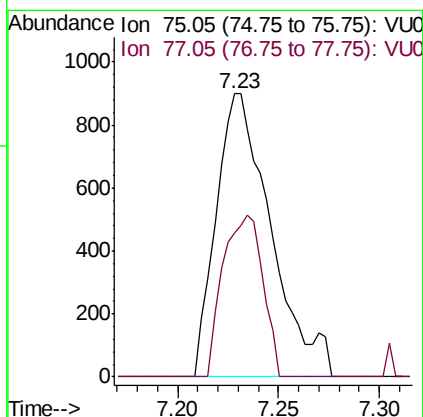
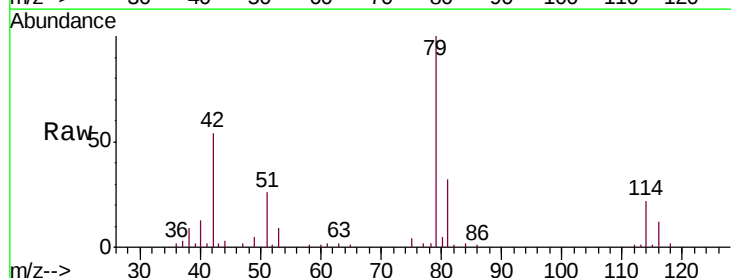
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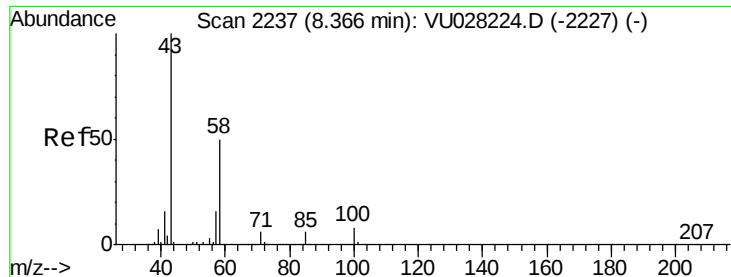
Tgt Ion: 63 Resp: 8190
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028230.D
 Acq: 17 Nov 2018 17:31

Tgt Ion: 75 Resp: 1699
 Ion Ratio Lower Upper
 75 100
 77 50.6 21.7 40.3#

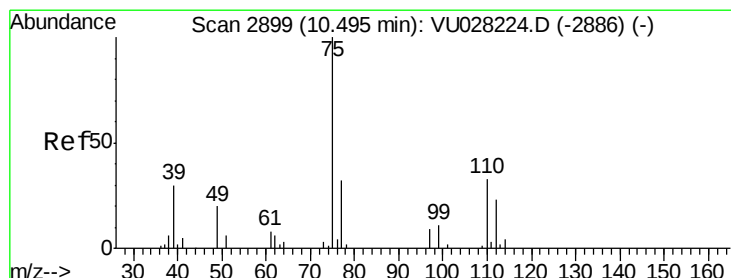
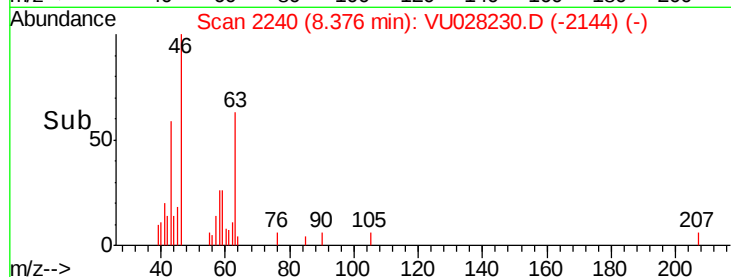
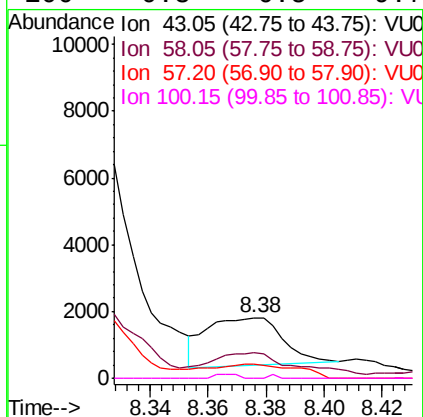
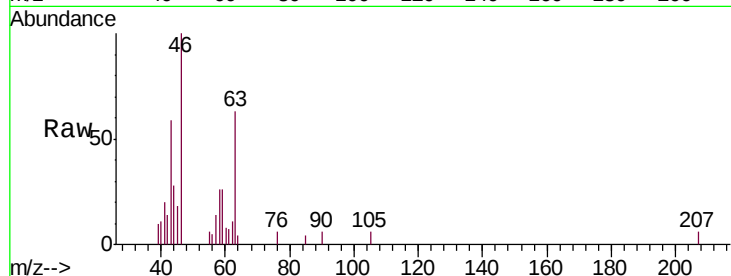




#48
2-Hexanone
Concen: 0.375 ug/L
RT: 8.38 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VU028230.D
Acq: 17 Nov 2018 17:31

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion:	43	Resp:	2600
Ion	Ratio	Lower	Upper
43	100		
58	66.0	41.1	61.7#
57	34.3	13.8	20.8#
100	0.8	6.5	9.7#



#59
1,2,3-Trichloropropane
Concen: 1.208 ug/L
RT: 11.49 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028230.D
Acq: 17 Nov 2018 17:31

Tgt Ion:	75	Resp:	9480
Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.7	38.5

