

Data File : VU036774.D
Acq On : 13 Feb 2020 16:08
Operator : JC/MD
Sample : L1487-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX3

Quant Time: Feb 14 00:20:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 00:15:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	130908	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	120057	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	54216	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	44652	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.93	69	41212	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.59	63	64270	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.67	46	117601	49.81	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.62%
24) Chloroform-d	5.11	84	75215	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.74	65	46689	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.76	84	175723	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	56205	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.93	98	160009	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.21	79	19994	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.66	63	105697	51.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.80%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43472	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	53456	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

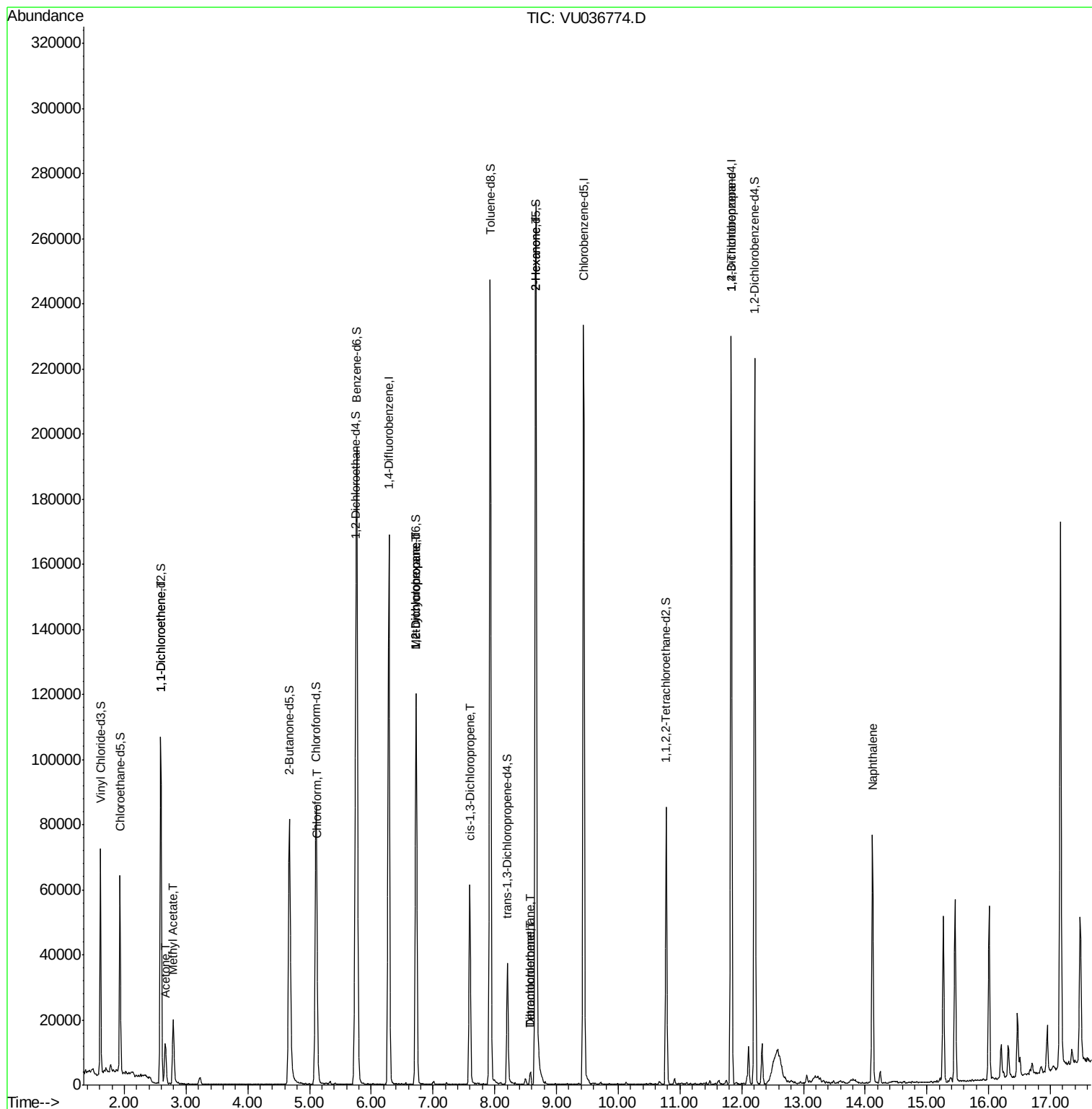
					Qvalue
12) 1,1-Dichloroethene	2.59	96	517	0.065 ug/L #	1
13) Acetone	2.66	43	9415	3.119 ug/L	94
15) Methyl Acetate	2.79	43	5563	1.389 ug/L #	52
25) Chloroform	5.13	83	4815	0.262 ug/L	95
35) Methylcyclohexane	6.73	83	11963	0.799 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	6190	0.612 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1388	0.095 ug/L #	56
47) Tetrachloroethene	8.58	164	831	0.130 ug/L	92
48) 2-Hexanone	8.66	43	12469	2.233 ug/L #	68
49) Dibromochloromethane	8.58	129	767	0.105 ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	7972	1.194 ug/L	93
69) Naphthalene	14.12	128	58037	3.230 ug/L	99

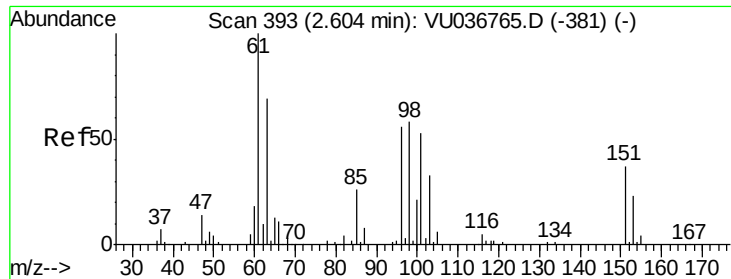
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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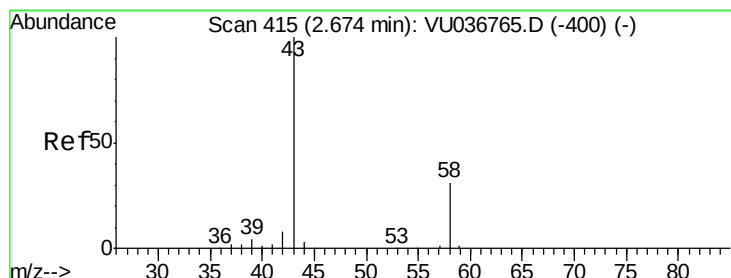
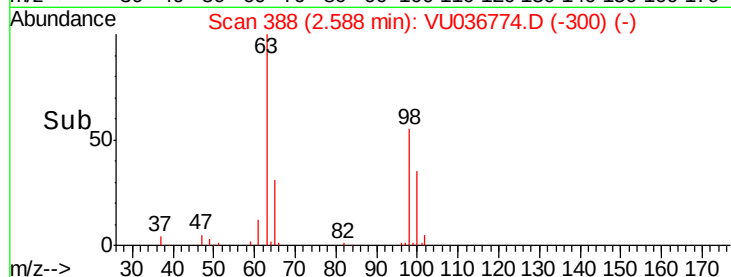
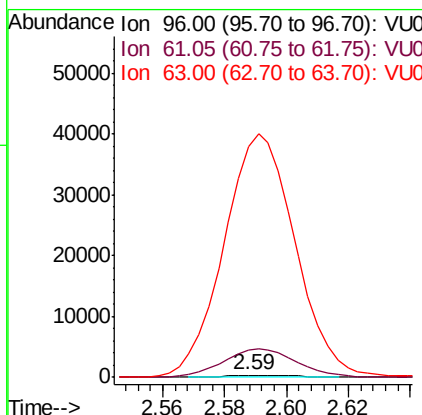
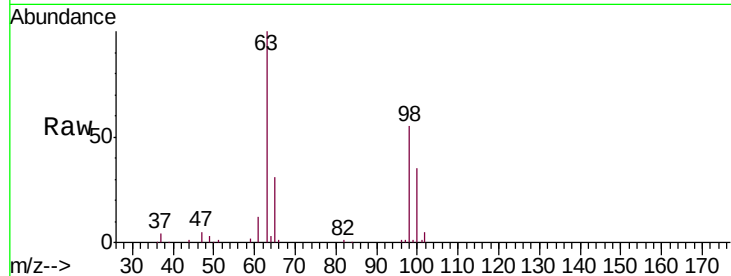




#12
 1,1-Dichloroethene
 Concen: 0.065 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: VU036774.D
 Acq: 13 Feb 2020 16:08

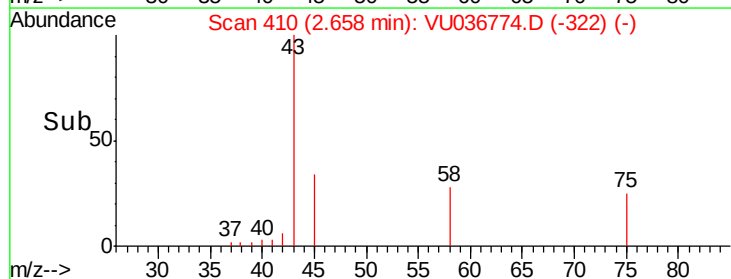
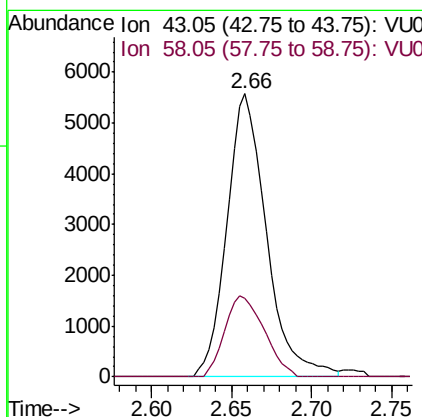
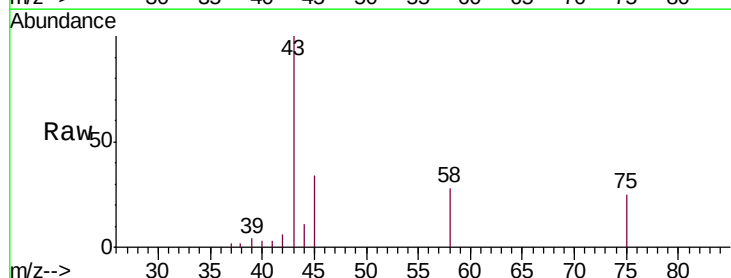
Instrument :
 MSVOA_U
 ClientSampleId :
 DBCX3

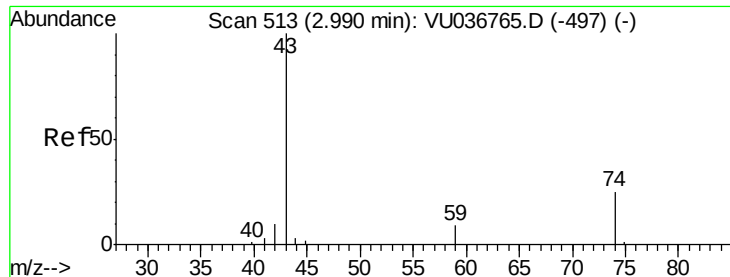
Tgt Ion: 96 Resp: 517
 Ion Ratio Lower Upper
 96 100
 61 1352.1 126.4 234.8#
 63 11419.3 89.5 166.3#



#13
 Acetone
 Concen: 3.119 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.02 min
 Lab File: VU036774.D
 Acq: 13 Feb 2020 16:08

Tgt Ion: 43 Resp: 9415
 Ion Ratio Lower Upper
 43 100
 58 28.5 0.0 64.2

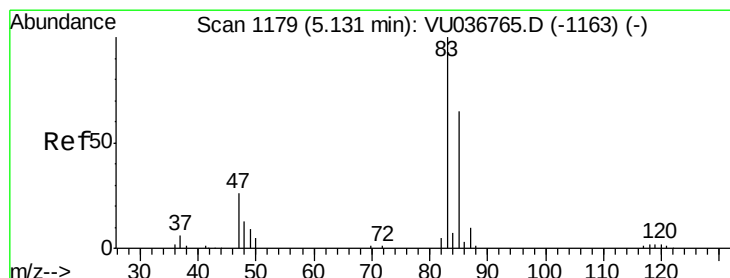
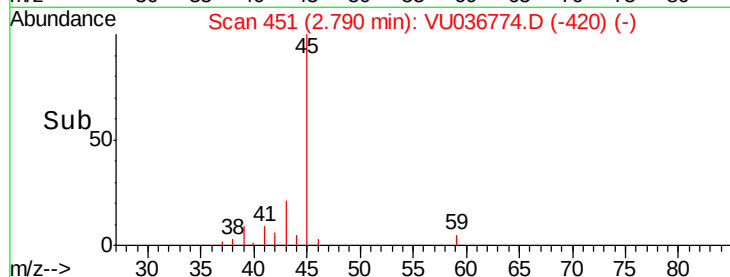
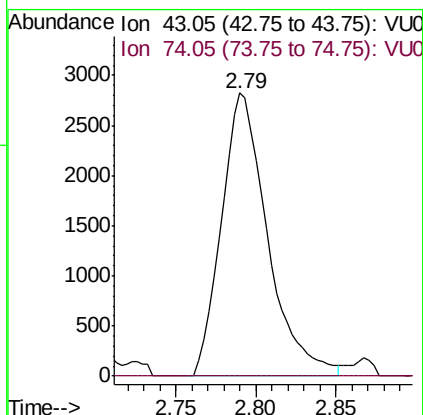
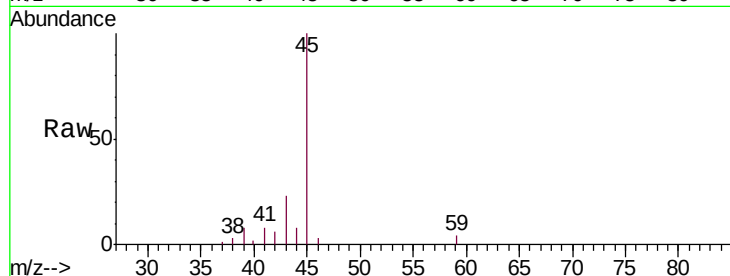




#15
Methyl Acetate
Concen: 1.389 ug/L
RT: 2.79 min Scan# 451
Delta R.T. -0.20 min
Lab File: VU036774.D
Acq: 13 Feb 2020 16:08

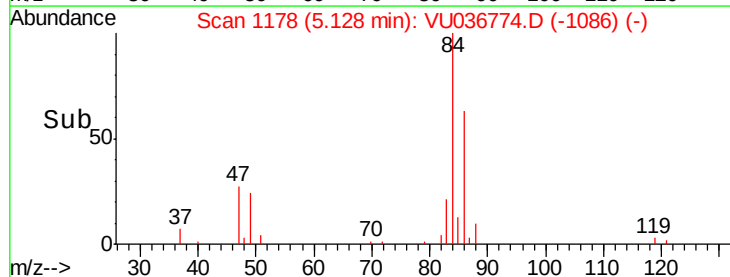
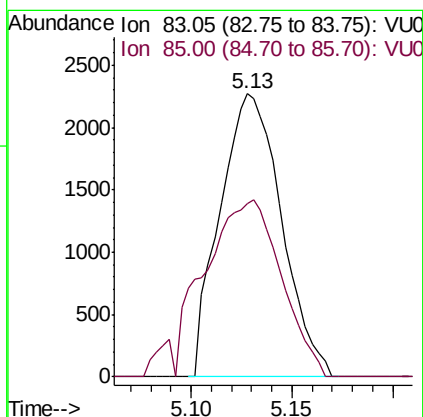
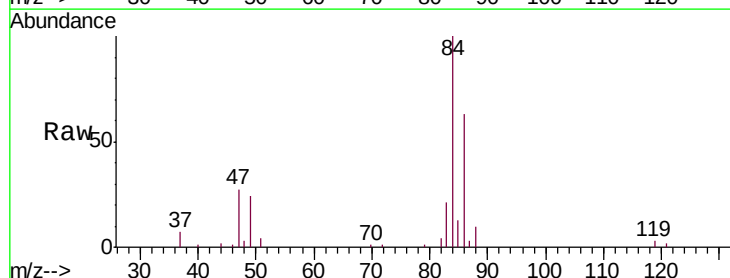
Instrument :
MSVOA_U
ClientSampleId :
DBCX3

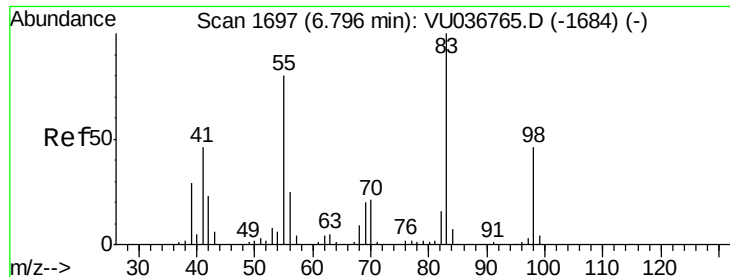
Tgt Ion: 43 Resp: 5563
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#25
Chloroform
Concen: 0.262 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU036774.D
Acq: 13 Feb 2020 16:08

Tgt Ion: 83 Resp: 4815
Ion Ratio Lower Upper
83 100
85 61.2 45.4 84.2





#35

Methylcyclohexane

Concen: 0.799 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036774.D

Acq: 13 Feb 2020 16:08

Instrument :

MSVOA_U

ClientSampleId :

DBCX3

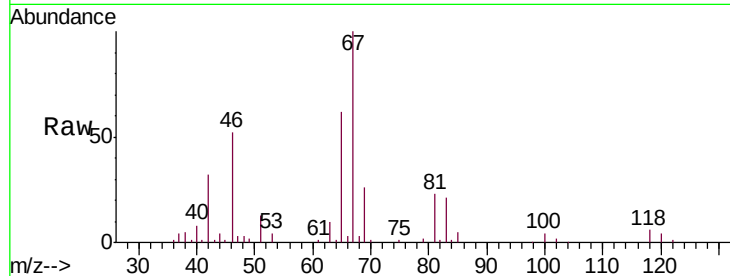
Tgt Ion: 83 Resp: 11963

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

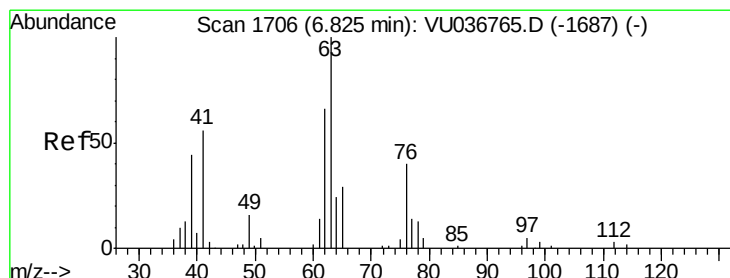
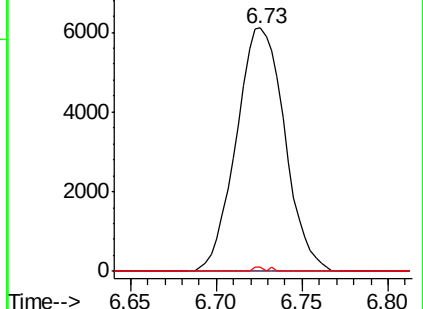
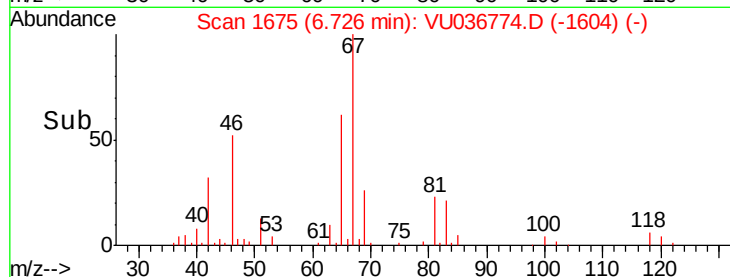
98 0.5 34.2 51.4#



Abundance Ion 83.15 (82.85 to 83.85): VU036774.D (-1675) (-)

Ion 55.10 (54.80 to 55.80): VU036774.D (-1675) (-)

Ion 98.15 (97.85 to 98.85): VU036774.D (-1675) (-)



#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU036774.D

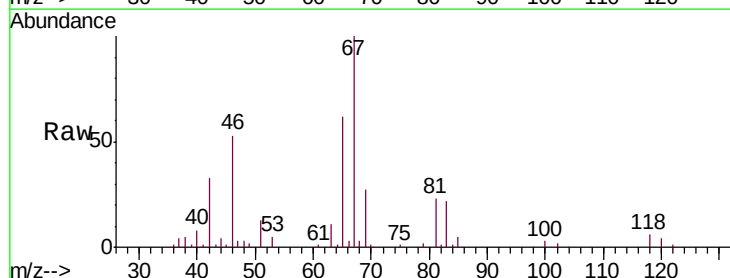
Acq: 13 Feb 2020 16:08

Tgt Ion: 63 Resp: 6190

Ion Ratio Lower Upper

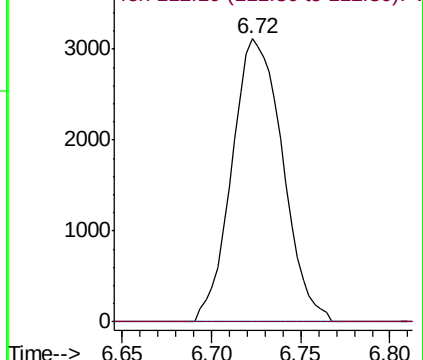
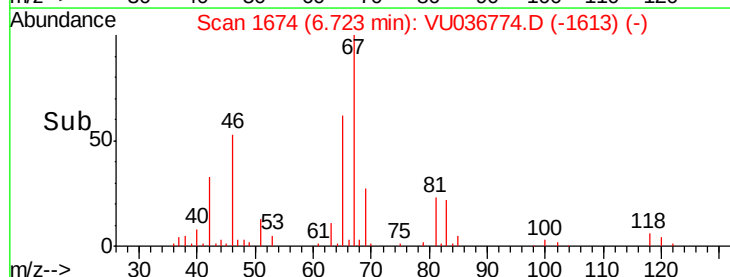
63 100

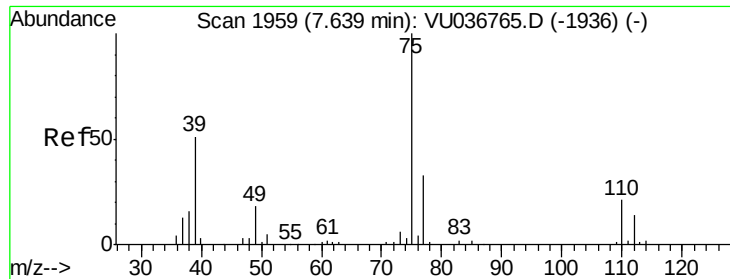
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU036774.D (-1674) (-)

Ion 112.10 (111.80 to 112.80): VU036774.D (-1674) (-)

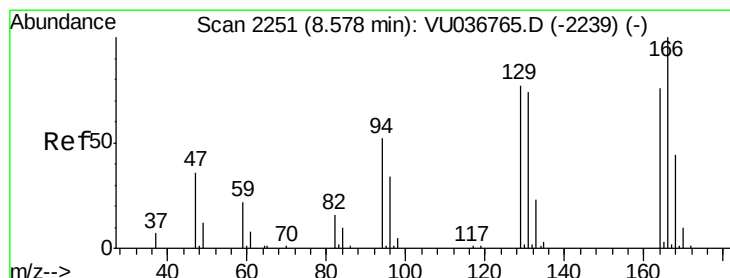
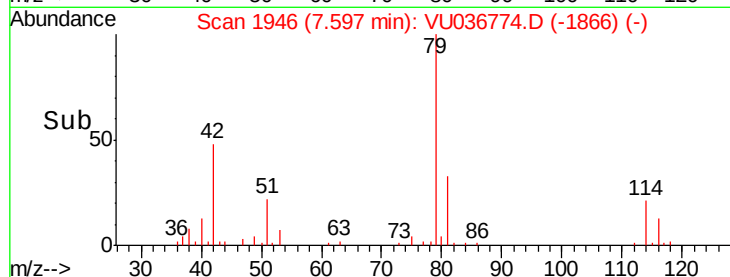
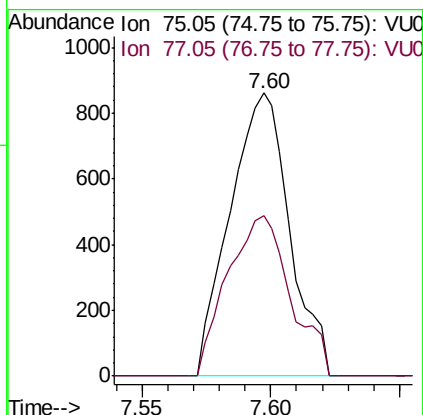
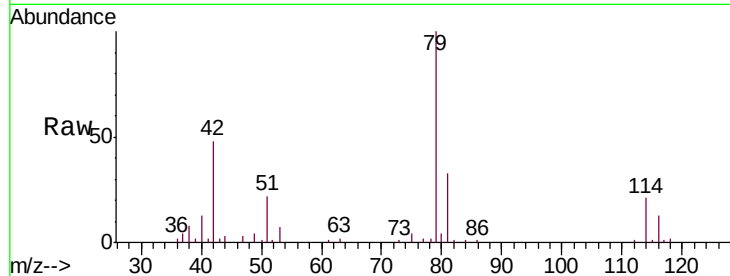




#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036774.D
 Acq: 13 Feb 2020 16:08

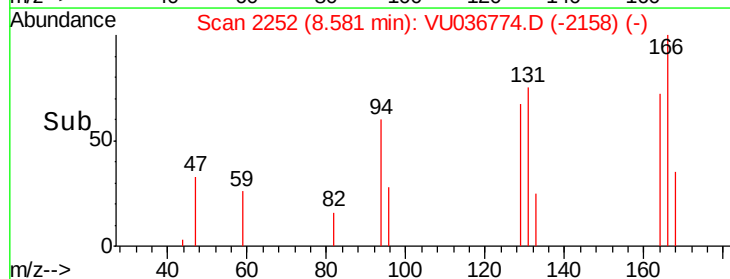
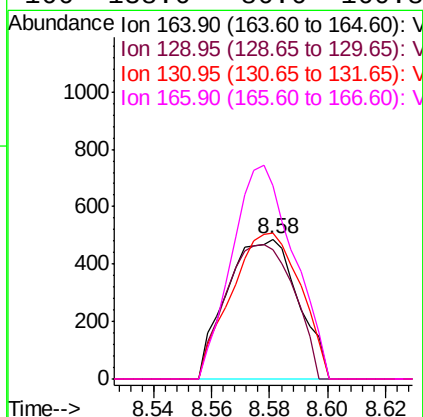
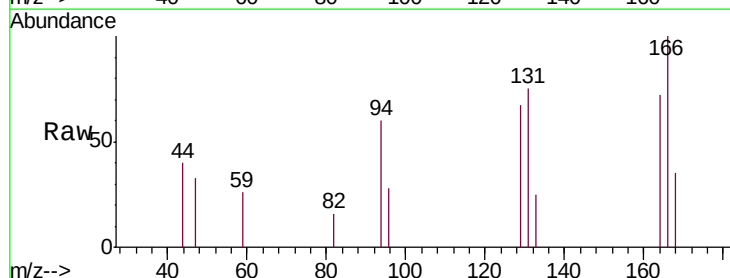
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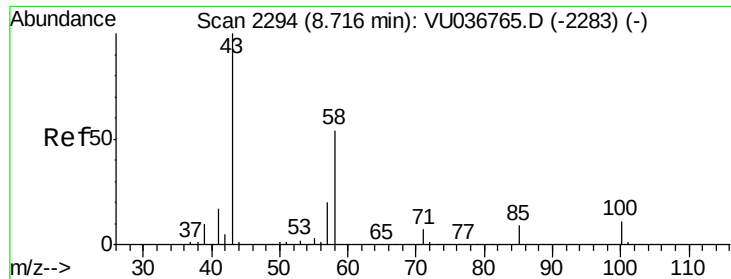
Tgt Ion: 75 Resp: 1388
 Ion Ratio Lower Upper
 75 100
 77 56.7 22.5 41.9#



#47
 Tetrachloroethene
 Concen: 0.130 ug/L
 RT: 8.58 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VU036774.D
 Acq: 13 Feb 2020 16:08

Tgt Ion: 164 Resp: 831
 Ion Ratio Lower Upper
 164 100
 129 92.2 68.0 126.4
 131 104.5 69.4 128.8
 166 138.6 86.6 160.8

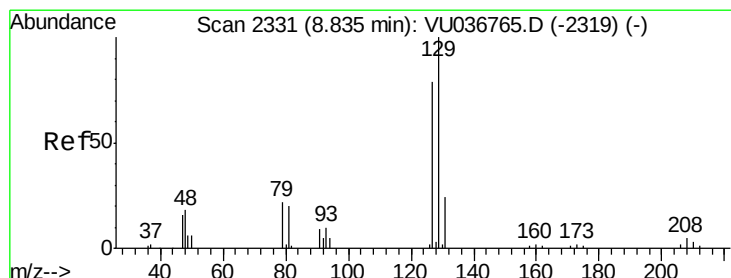
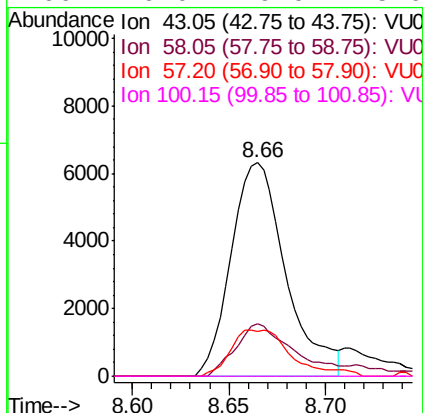
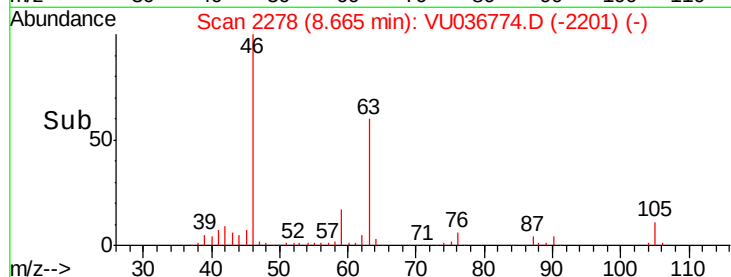
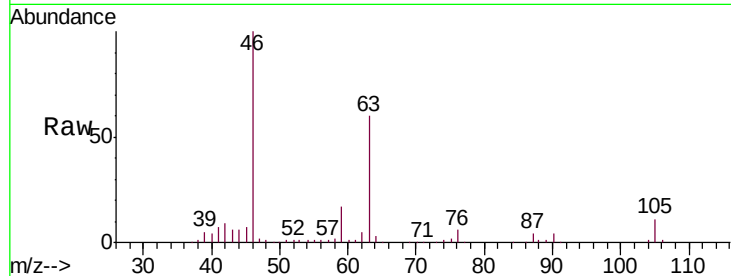




#48
2-Hexanone
Concen: 2.233 ug/L
RT: 8.66 min Scan# 2278
Delta R.T. -0.05 min
Lab File: VU036774.D
Acq: 13 Feb 2020 16:08

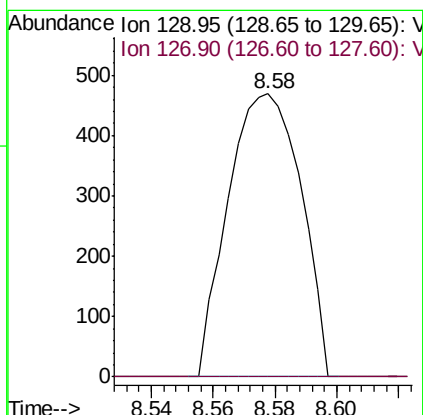
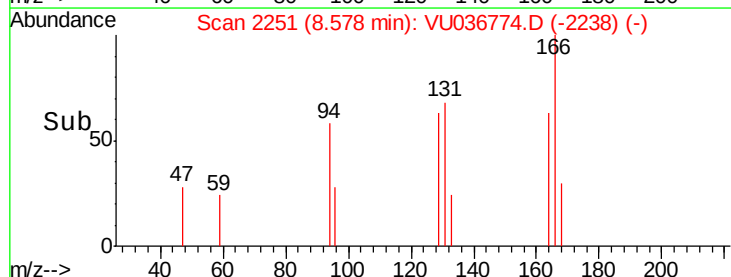
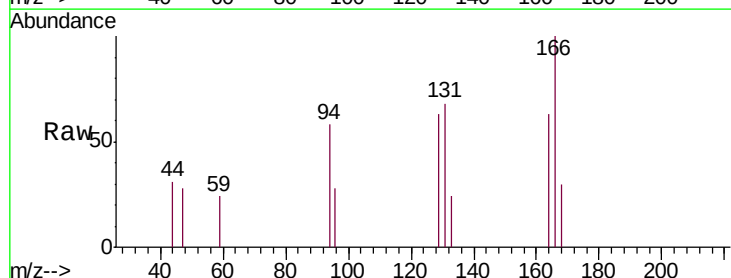
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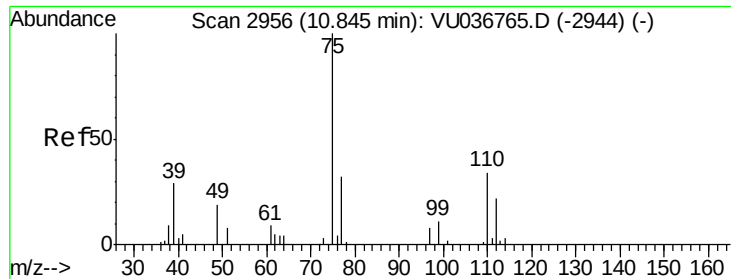
Tgt Ion:	43	Resp:	12469
Ion	Ratio	Lower	Upper
43	100		
58	26.1	43.6	65.4#
57	24.0	15.0	22.4#
100	0.0	9.0	13.6#



#49
Dibromochloromethane
Concen: 0.105 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.26 min
Lab File: VU036774.D
Acq: 13 Feb 2020 16:08

Tgt Ion:	129	Resp:	767
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.7	105.3#

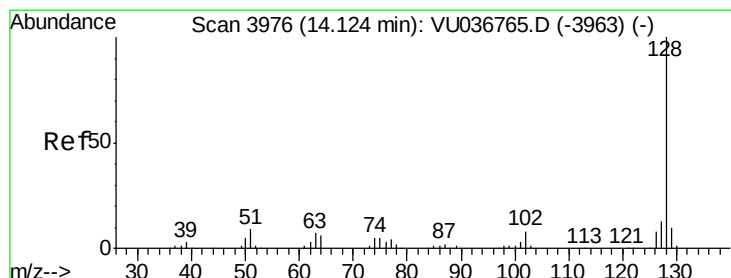
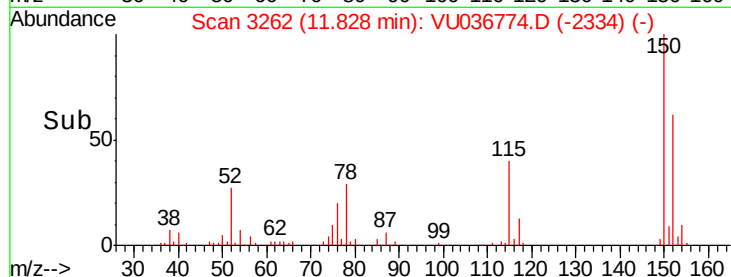
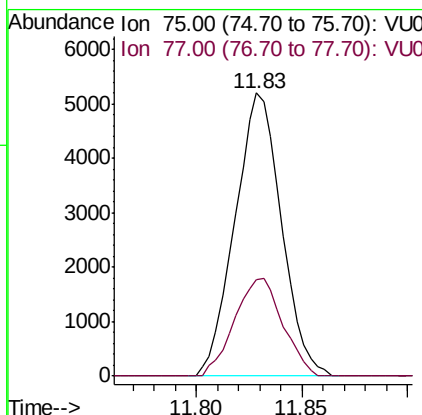
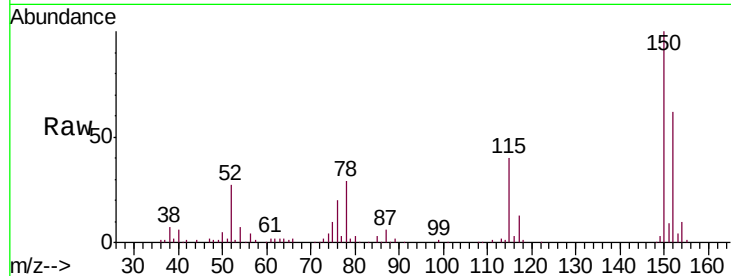




#59
 1,2,3-Trichloropropane
 Concen: 1.194 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036774.D
 Acq: 13 Feb 2020 16:08

Instrument :
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 ClientSampleId :
 DBCX3

Tgt Ion: 75 Resp: 7972
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.6 38.4



#69
 Naphthalene
 Concen: 3.230 ug/L
 RT: 14.12 min Scan# 3974
 Delta R.T. -0.01 min
 Lab File: VU036774.D
 Acq: 13 Feb 2020 16:08

Tgt Ion: 128 Resp: 58037
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.0 13.4
 127 13.2 10.8 16.2

