

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039066.D
 Acq On : 24 Jun 2020 16:27
 Operator : SY/MD
 Sample : L3109-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F09

Quant Time: Jun 25 01:04:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	256122	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	265153	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	107146	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	107552	5.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.80%
7) Chloroethane-d5	1.93	69	95229	6.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.80%
11) 1,1-Dichloroethene-d2	2.59	63	156603	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	4.67	46	422685	62.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.90%
24) Chloroform-d	5.10	84	213280	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.60%
26) 1,2-Dichloroethane-d4	5.74	65	131782	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.76	84	411180	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.72	67	136587	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.92	98	322711	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	8.20	79	55157	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.65	63	339475	61.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.50%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	123768	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	120817	6.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.00%#

Target Compounds

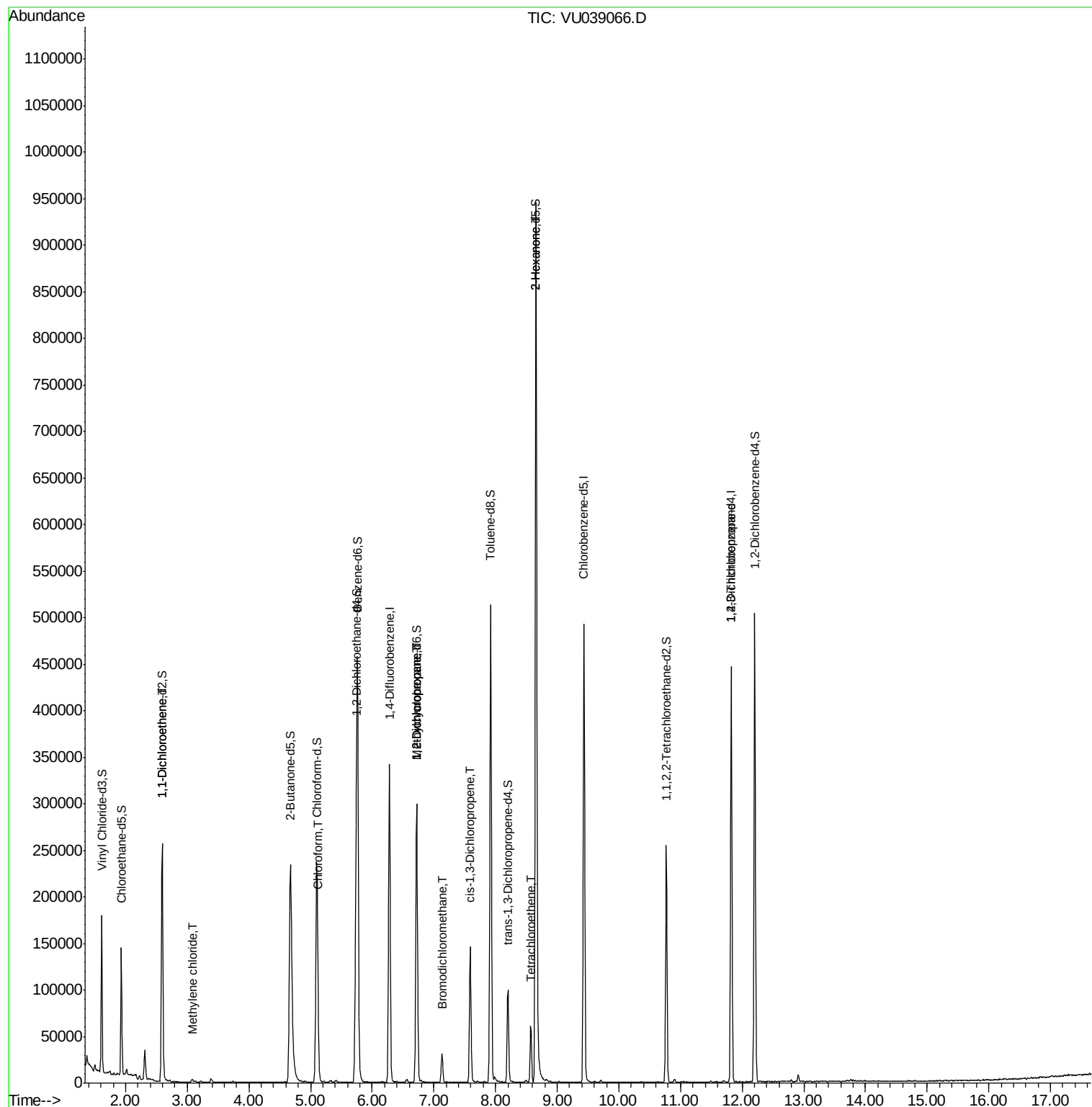
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1135	0.064	ug/L #	1
16) Methylene chloride	3.07	84	1397	0.064	ug/L	92
25) Chloroform	5.12	83	15615	0.412	ug/L	93
35) Methylcyclohexane	6.72	83	32147	1.075	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	15471	0.685	ug/L #	87
38) Bromodichloromethane	7.13	83	20467	0.727	ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	4011	0.128	ug/L #	64
47) Tetrachloroethene	8.57	164	12482	0.859	ug/L	96
48) 2-Hexanone	8.65	43	39537	3.201	ug/L #	72
59) 1,2,3-Trichloropropane	11.82	75	15239	0.896	ug/L	94

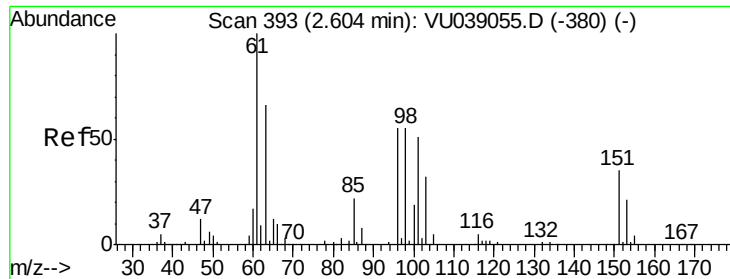
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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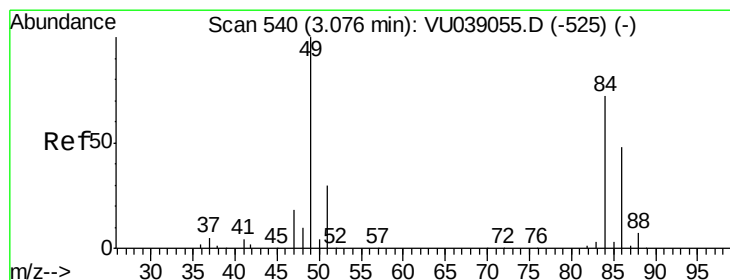
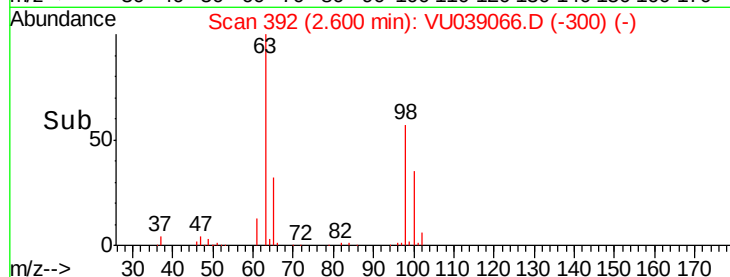
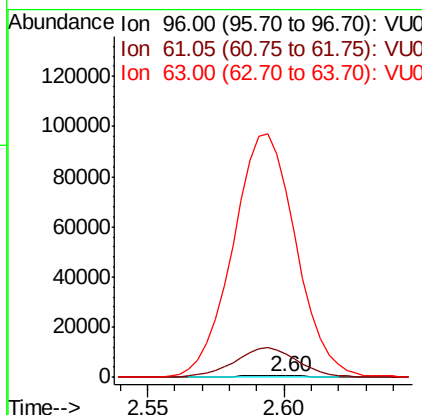
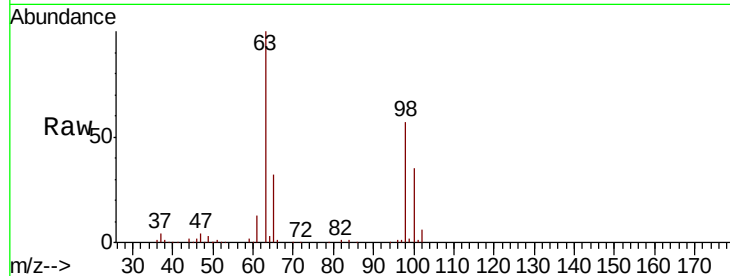




#12
 1,1-Dichloroethene
 Concen: 0.064 ug/L
 RT: 2.60 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: VU039066.D
 Acq: 24 Jun 2020 16:27

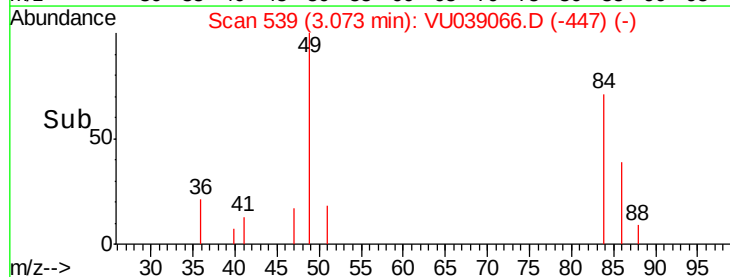
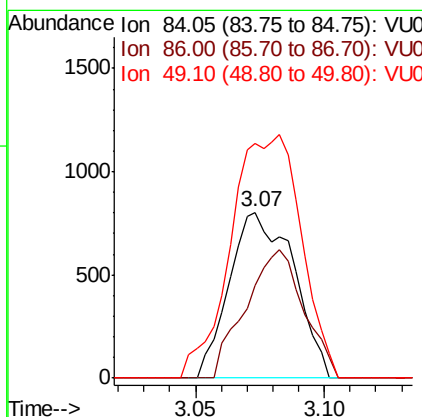
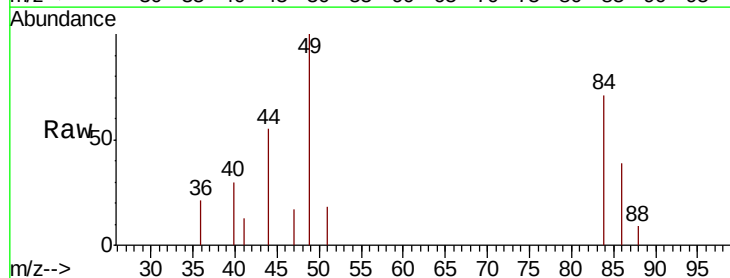
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F09

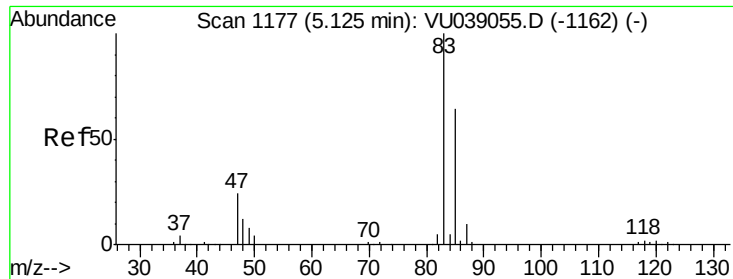
Tot Ion: 96 Resp: 1135
 Ion Ratio Lower Upper
 96 100
 61 1576.5 125.1 232.3#
 63 12410.0 82.3 152.8#



#16
 Methylene chloride
 Concen: 0.064 ug/L
 RT: 3.07 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: VU039066.D
 Acq: 24 Jun 2020 16:27

Tgt Ion: 84 Resp: 1397
 Ion Ratio Lower Upper
 84 100
 86 55.4 44.1 81.9
 49 141.1 93.1 172.9

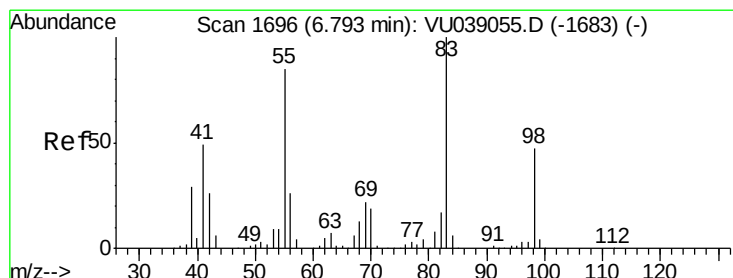
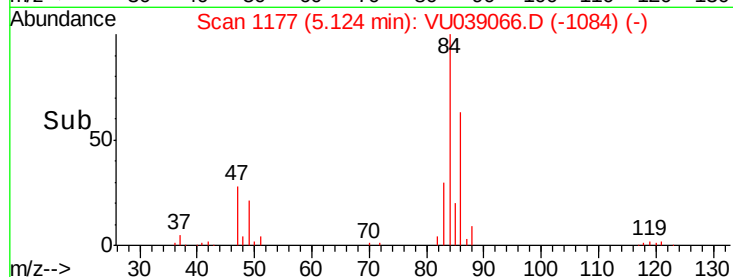
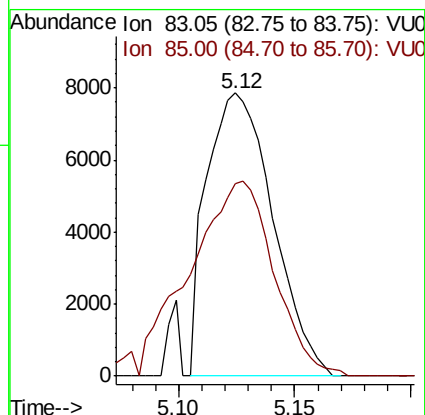
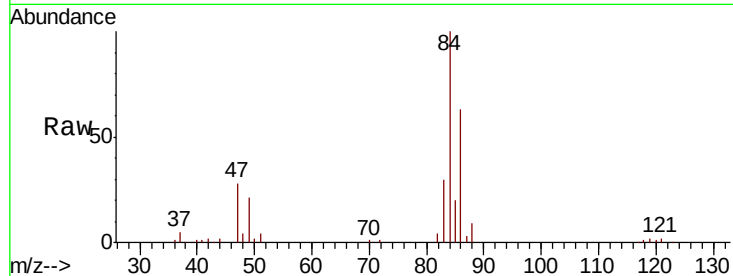




#25
Chloroform
Concen: 0.412 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU039066.D
Acq: 24 Jun 2020 16:27

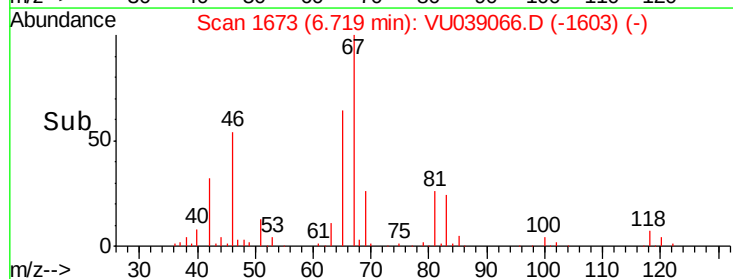
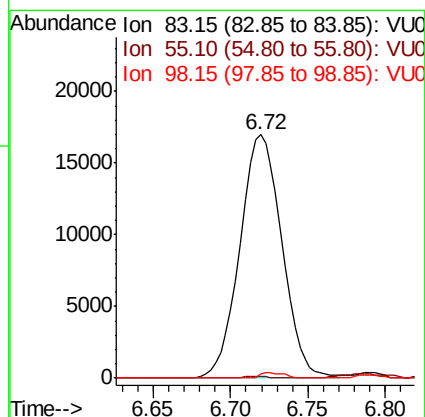
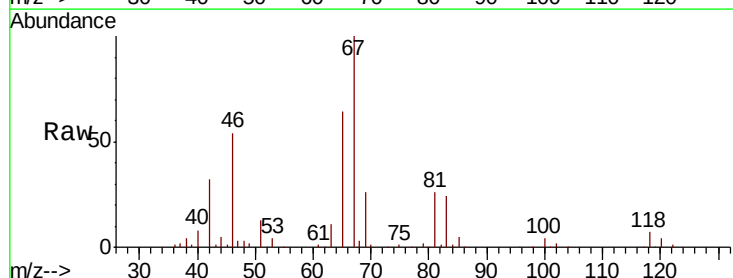
Instrument :
MSVOA_U
ClientSampleId :
F9F09

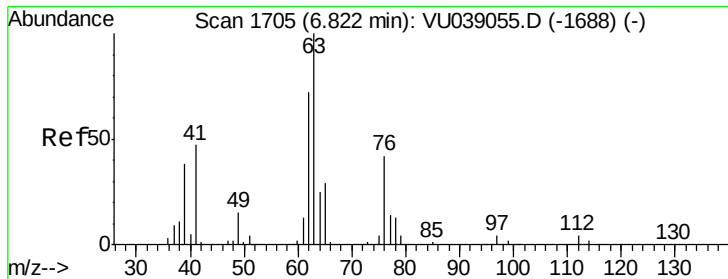
Tot Ion: 83 Resp: 15615
Ion Ratio Lower Upper
83 100
85 68.1 43.8 81.4



#35
Methylcyclohexane
Concen: 1.075 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039066.D
Acq: 24 Jun 2020 16:27

Tgt Ion: 83 Resp: 32147
Ion Ratio Lower Upper
83 100
55 0.4 65.5 98.3#
98 1.2 36.5 54.7#

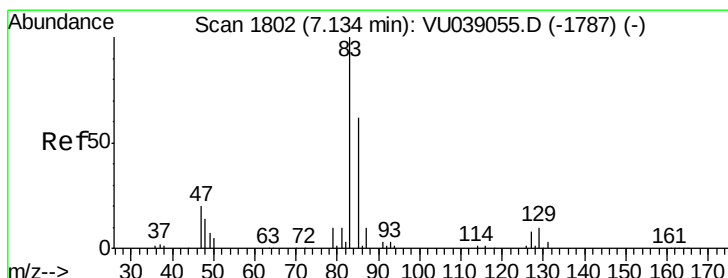
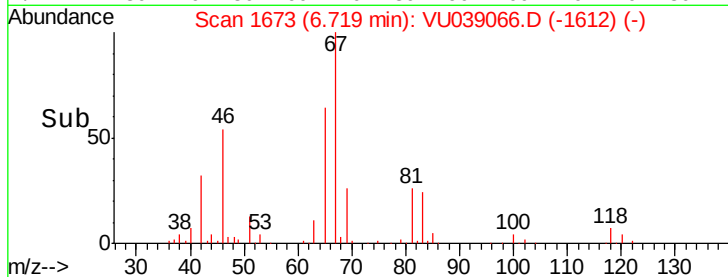
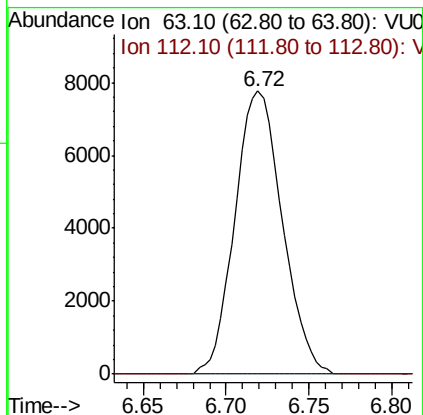
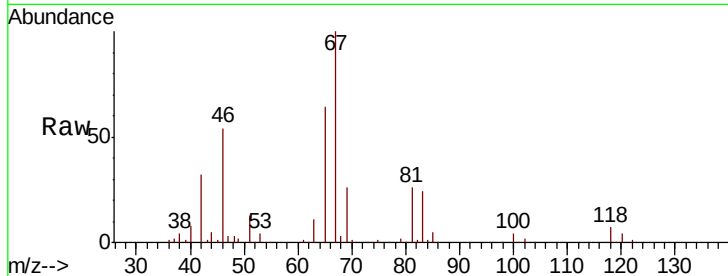




#37
 1,2-Dichloropropane
 Concen: 0.685 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039066.D
 Acq: 24 Jun 2020 16:27

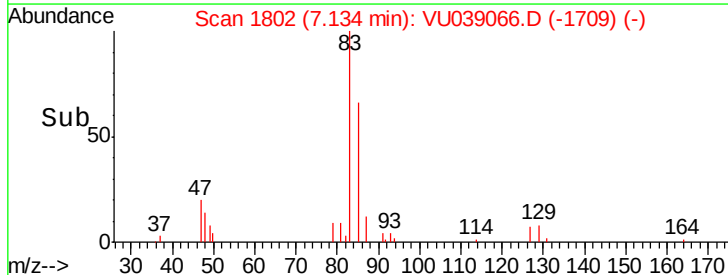
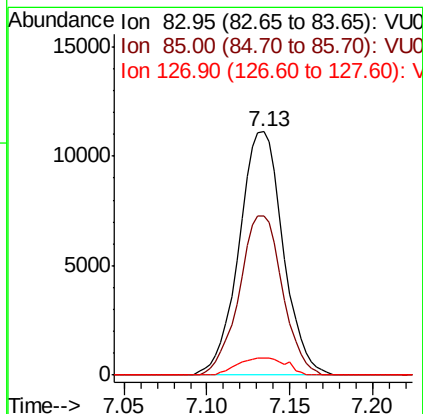
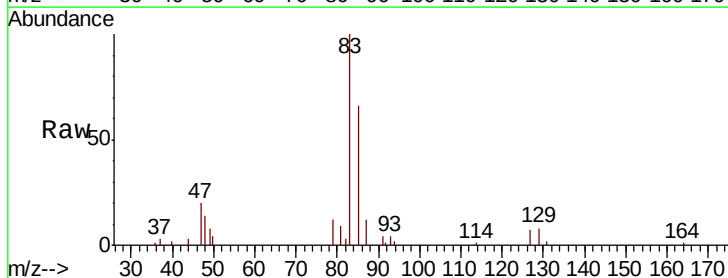
Instrument :
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 ClientSampleId :
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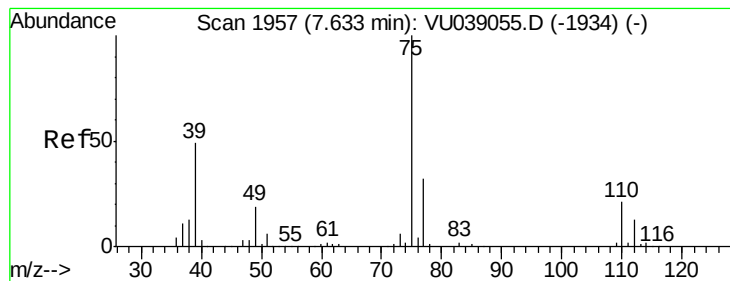
Tot Ion: 63 Resp: 15471
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#38
 Bromodichloromethane
 Concen: 0.727 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VU039066.D
 Acq: 24 Jun 2020 16:27

Tgt Ion: 83 Resp: 20467
 Ion Ratio Lower Upper
 83 100
 85 65.6 44.9 83.3
 127 7.0 6.3 9.5



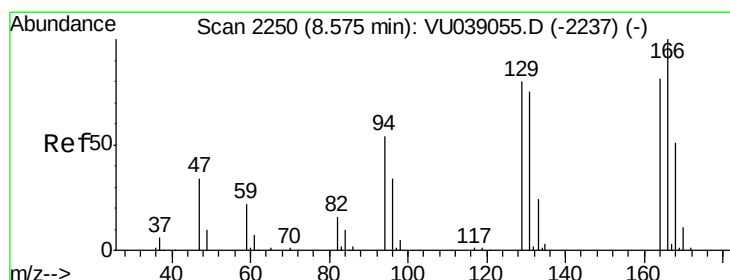
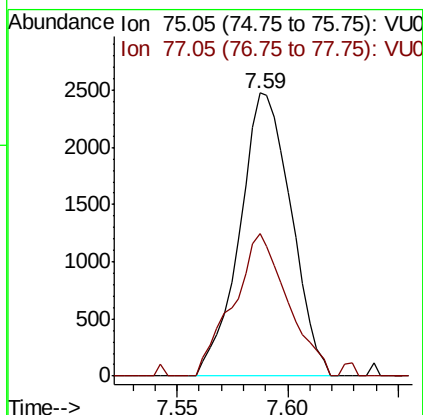
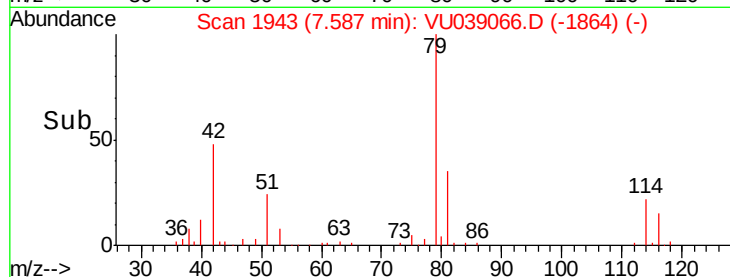
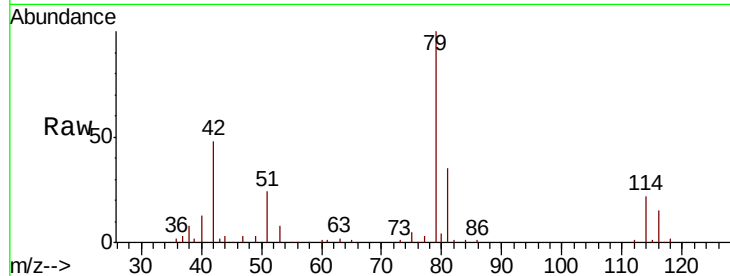


#39

cis-1,3-Dichloropropene
Concen: 0.128 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.05 min
Lab File: VU039066.D
Acq: 24 Jun 2020 16:27

Instrument :
MSVOA_U
ClientSampled :
F9F09

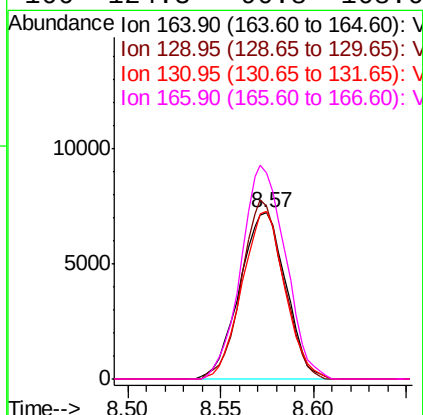
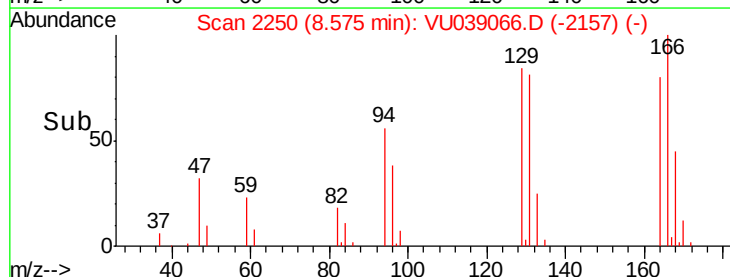
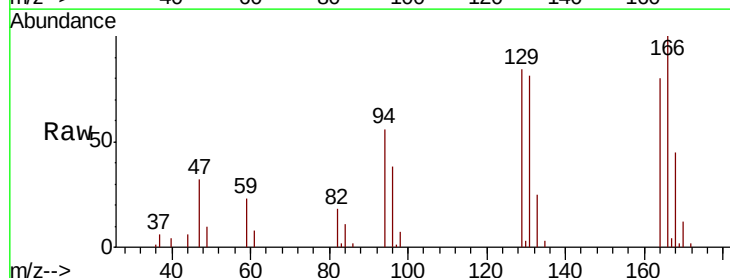
Tot Ion: 75 Resp: 4011
Ion Ratio Lower Upper
75 100
77 50.5 21.6 40.0#

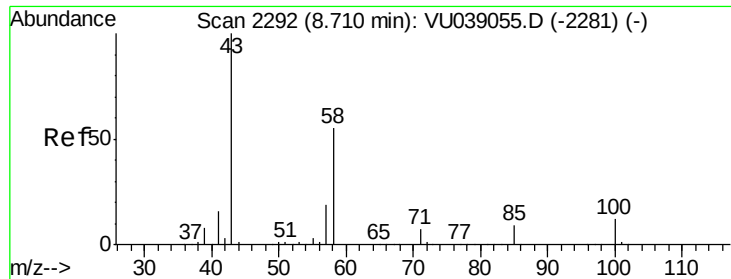


#47

Tetrachloroethene
Concen: 0.859 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU039066.D
Acq: 24 Jun 2020 16:27

Tgt Ion:164 Resp: 12482
Ion Ratio Lower Upper
164 100
129 104.5 71.3 132.5
131 101.0 68.3 126.8
166 124.3 90.8 168.6

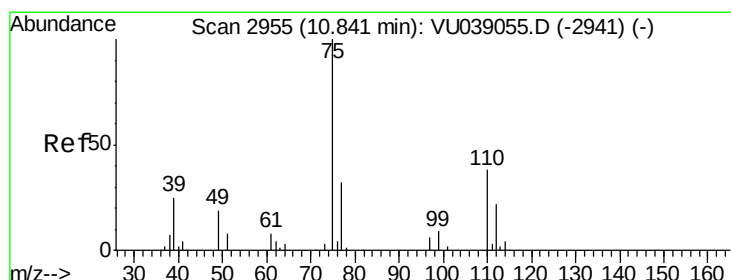
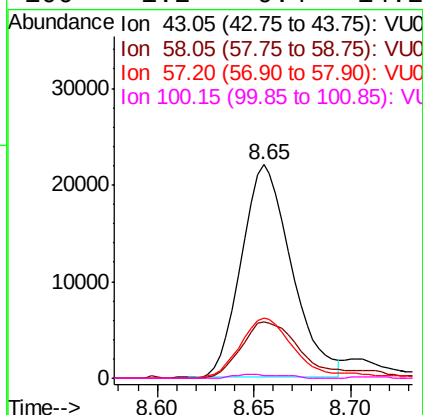
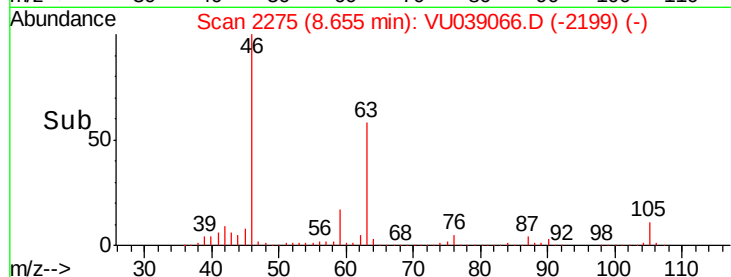
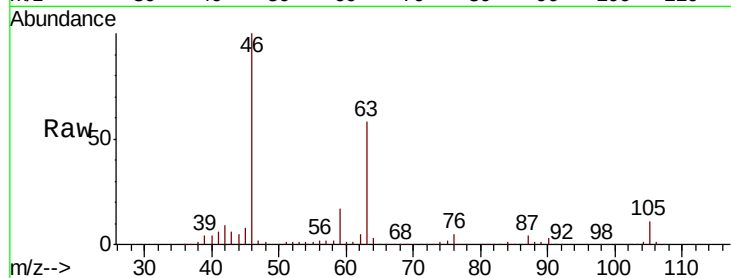




#48
2-Hexanone
Concen: 3.201 ug/L
RT: 8.65 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU039066.D
Acq: 24 Jun 2020 16:27

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion: 43 Resp: 39537
Ion Ratio Lower Upper
43 100
58 34.6 44.0 66.0#
57 31.8 15.0 22.6#
100 1.2 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.896 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU039066.D
Acq: 24 Jun 2020 16:27

Tgt Ion: 75 Resp: 15239
Ion Ratio Lower Upper
75 100
77 36.1 26.2 39.2

