

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039124.D
 Acq On : 25 Jun 2020 18:18
 Operator : SY/MD
 Sample : L3121-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F40

Quant Time: Jun 26 01:03:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252844	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	253092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	108426	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79256	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.93	69	76470	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	121844	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.68	46	382851	57.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.58%
24) Chloroform-d	5.10	84	183568	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.74	65	114019	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.76	84	339330	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.72	67	114259	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	254404	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.20	79	45229	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.66	63	275213	52.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102253	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	106625	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

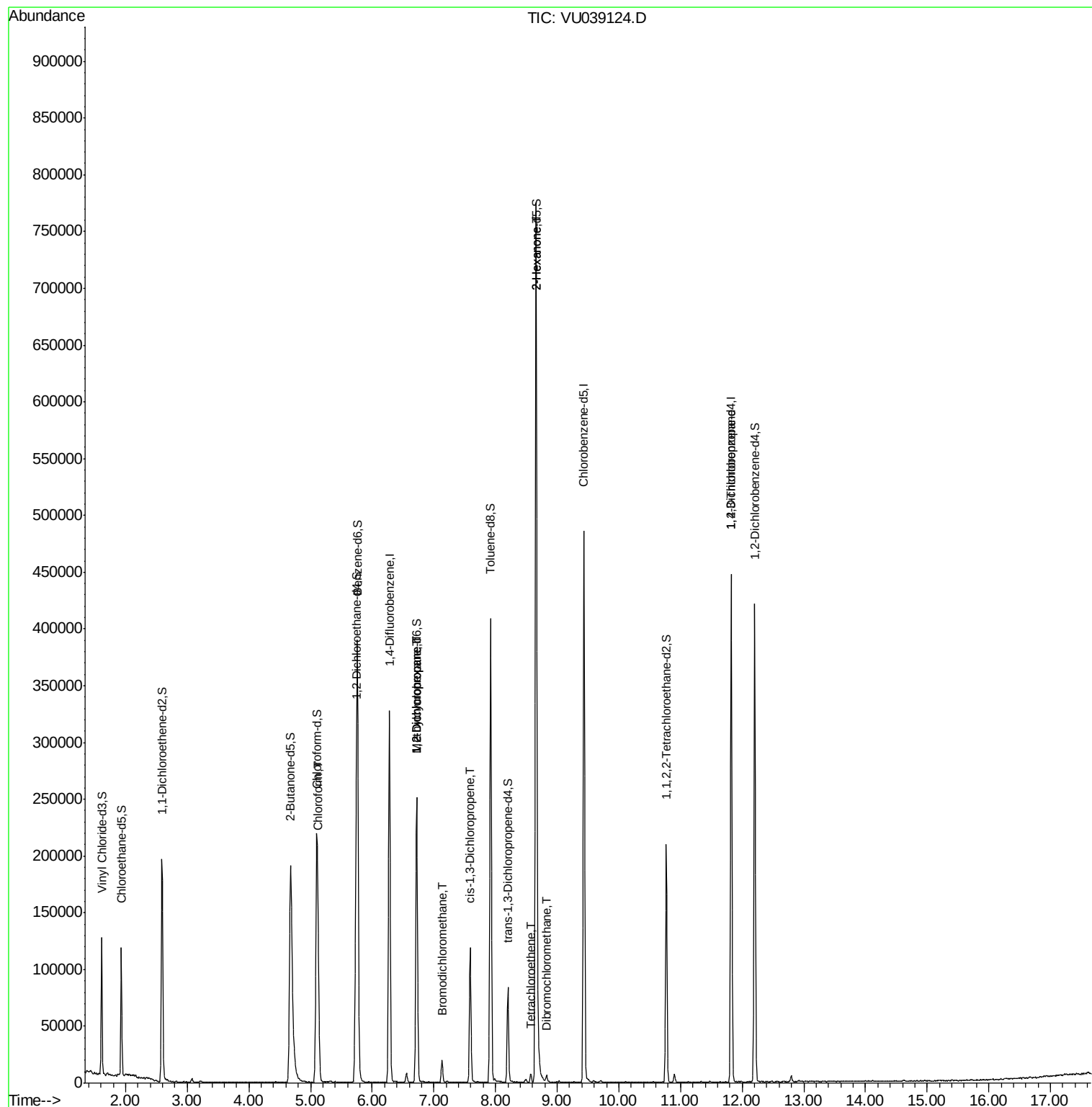
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	5.12	83	69109	1.847	ug/L	92
35) Methylcyclohexane	6.72	83	27168	0.952	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12122	0.563	ug/L #	88
38) Bromodichloromethane	7.13	83	12355	0.460	ug/L	88
39) cis-1,3-Dichloropropene	7.59	75	2905	0.097	ug/L #	36
47) Tetrachloroethene	8.57	164	1510	0.109	ug/L	90
48) 2-Hexanone	8.66	43	36247	3.075	ug/L #	68
49) Dibromochloromethane	8.83	129	2307	0.132	ug/L	97
59) 1,2,3-Trichloropropane	11.82	75	15197	0.936	ug/L	92

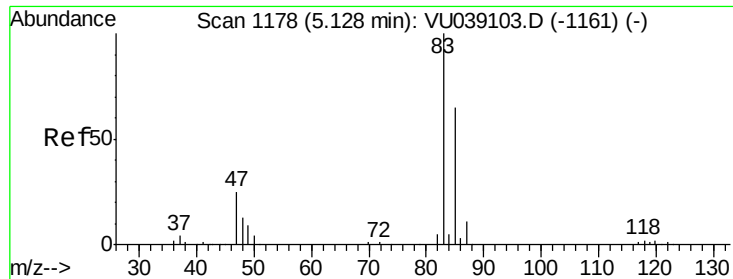
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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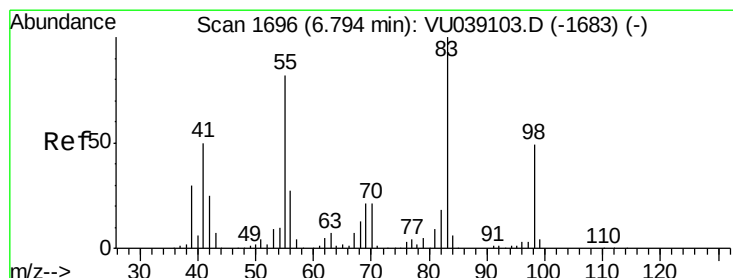
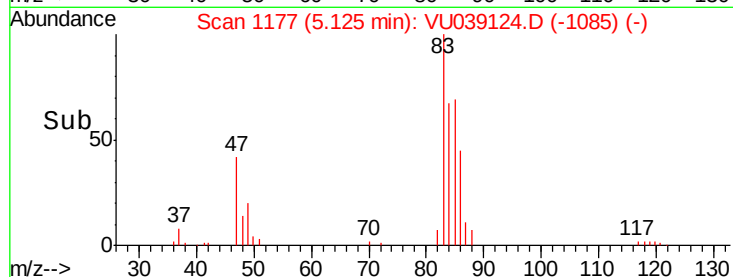
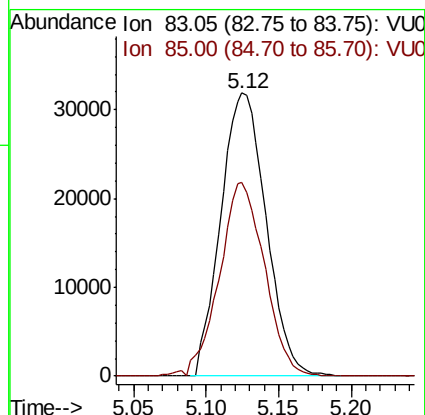
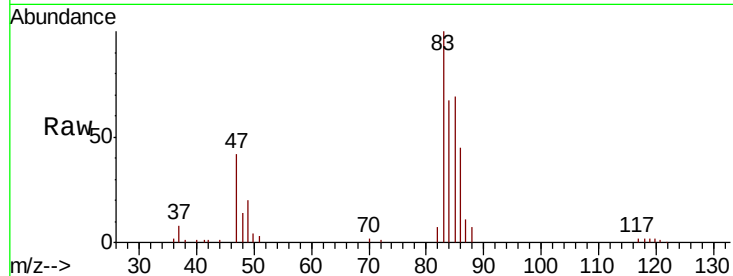




#25
Chloroform
Concen: 1.847 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU039124.D
Acq: 25 Jun 2020 18:18

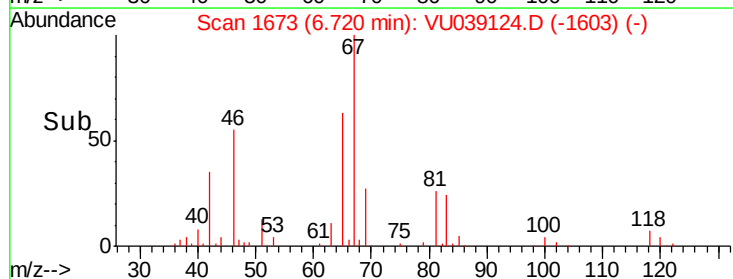
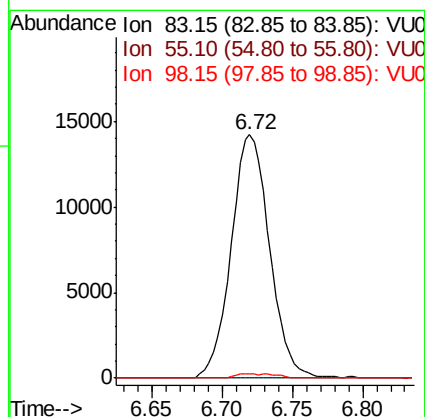
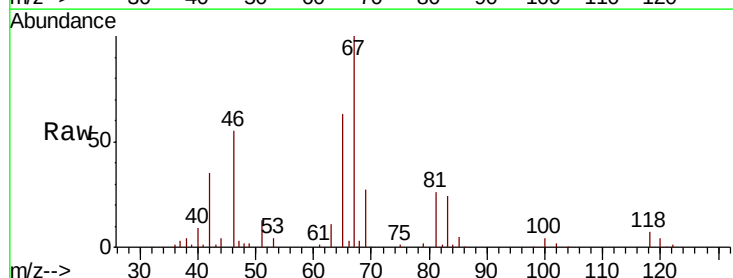
Instrument :
MSVOA_U
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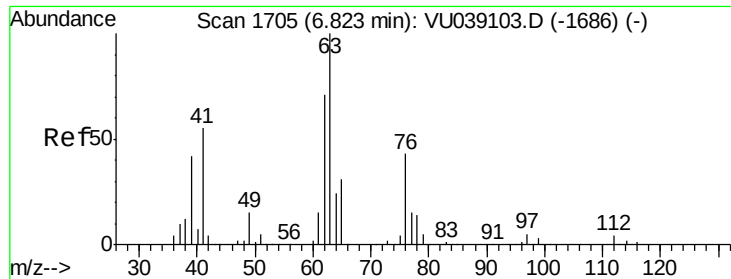
Tot Ion: 83 Resp: 69109
Ion Ratio Lower Upper
83 100
85 68.6 43.8 81.4



#35
Methylcyclohexane
Concen: 0.952 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039124.D
Acq: 25 Jun 2020 18:18

Tgt Ion: 83 Resp: 27168
Ion Ratio Lower Upper
83 100
55 0.0 65.5 98.3#
98 1.0 36.5 54.7#

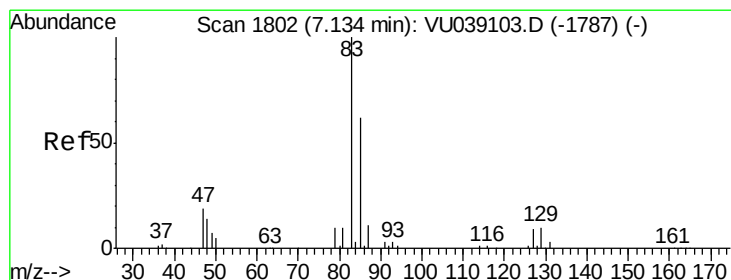
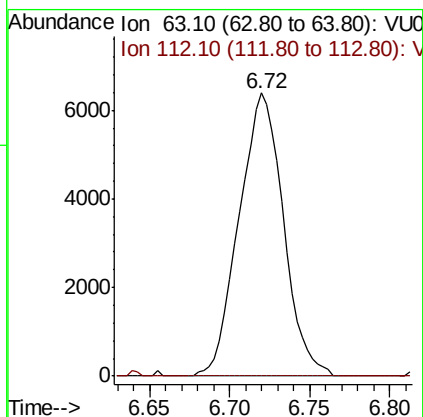
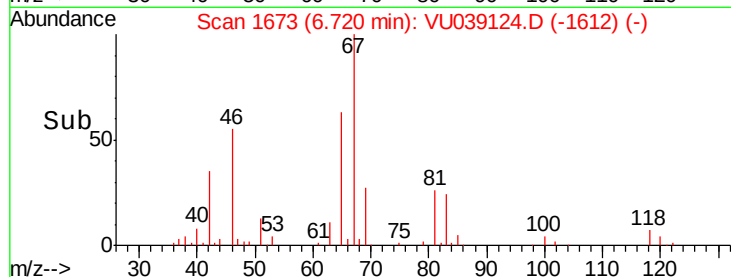
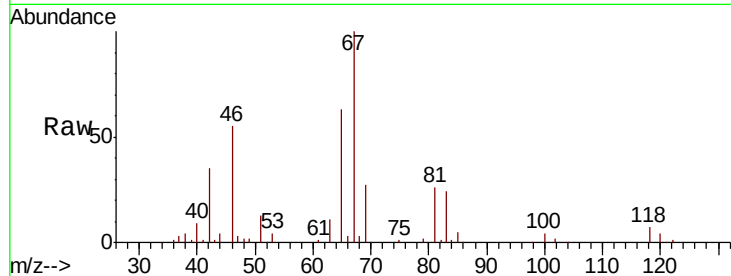




#37
 1,2-Dichloropropane
 Concen: 0.563 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039124.D
 Acq: 25 Jun 2020 18:18

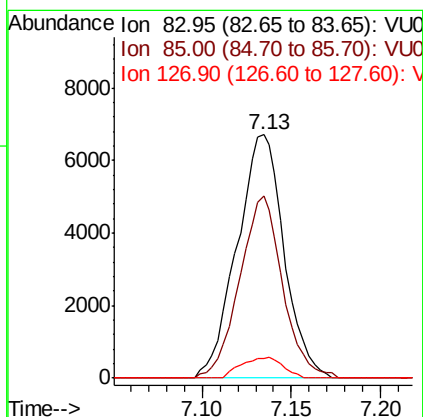
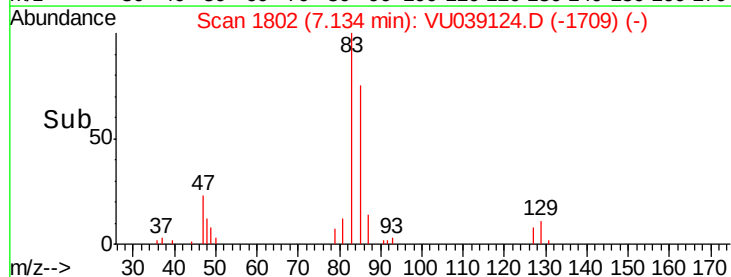
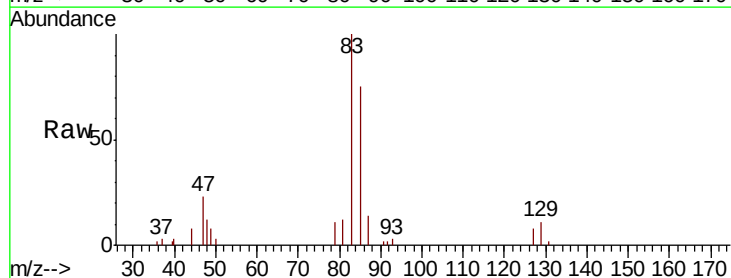
Instrument :
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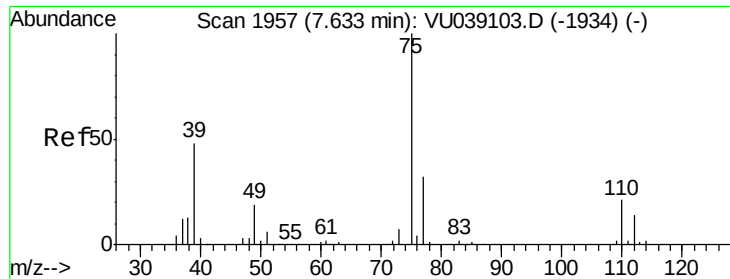
Tot Ion: 63 Resp: 12122
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.4 5.2#



#38
 Bromodichloromethane
 Concen: 0.460 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VU039124.D
 Acq: 25 Jun 2020 18:18

Tgt Ion: 83 Resp: 12355
 Ion Ratio Lower Upper
 83 100
 85 74.7 44.9 83.3
 127 8.2 6.3 9.5

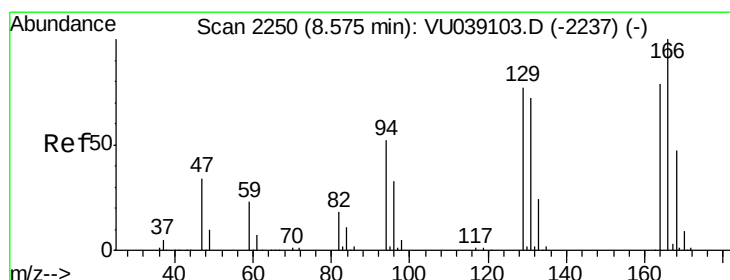
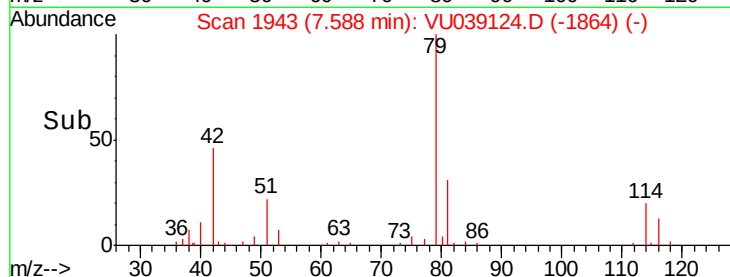
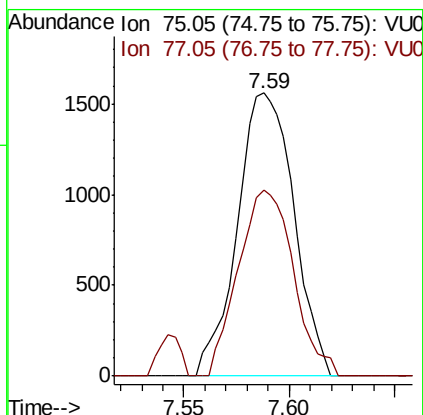
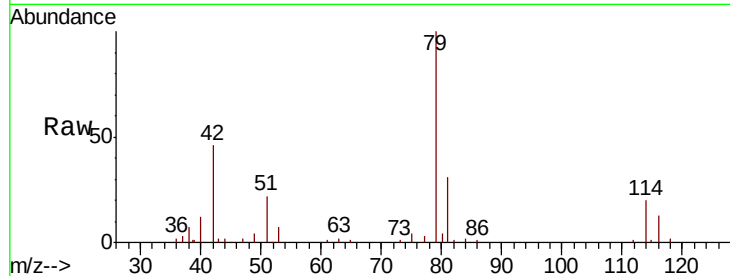




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU039124.D
 Acq: 25 Jun 2020 18:18

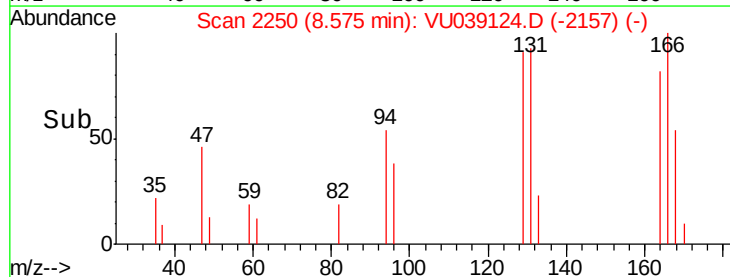
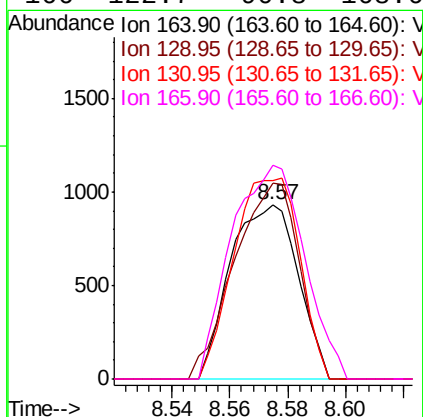
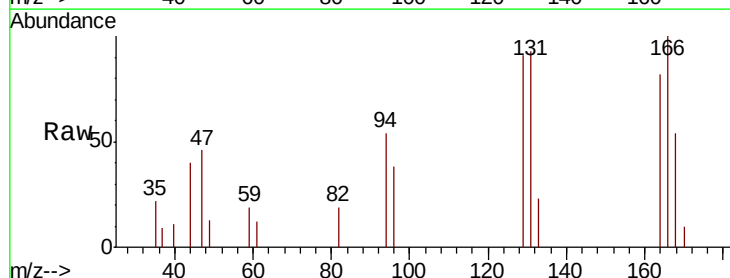
Instrument :
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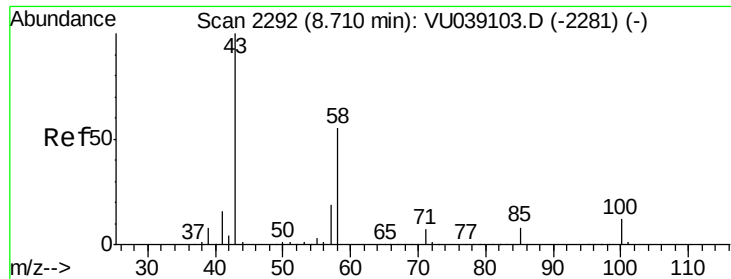
Tot Ion: 75 Resp: 2905
 Ion Ratio Lower Upper
 75 100
 77 66.0 21.6 40.0#



#47
 Tetrachloroethene
 Concen: 0.109 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU039124.D
 Acq: 25 Jun 2020 18:18

Tgt Ion:164 Resp: 1510
 Ion Ratio Lower Upper
 164 100
 129 112.1 71.3 132.5
 131 113.6 68.3 126.8
 166 122.7 90.8 168.6

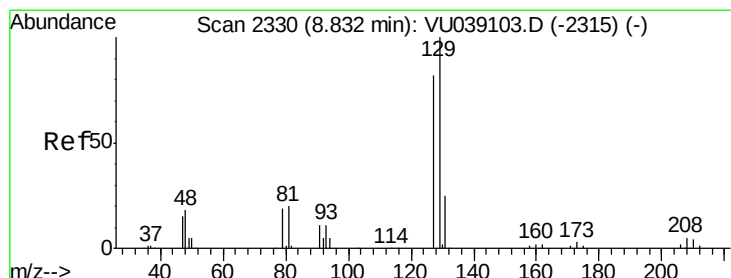
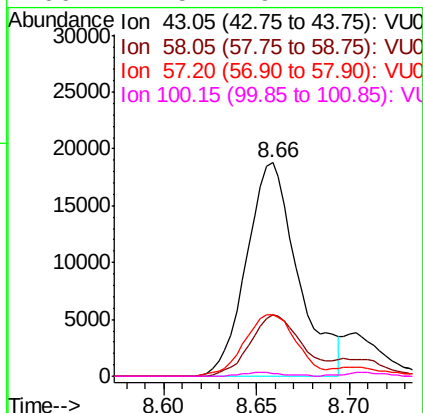
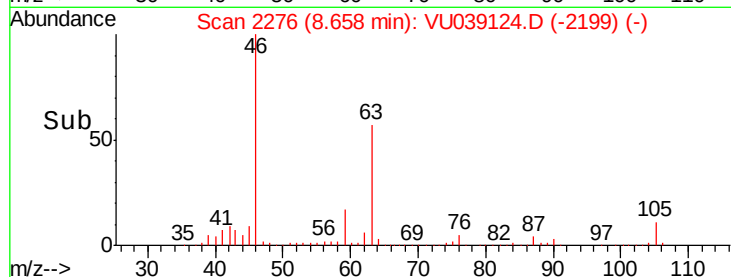
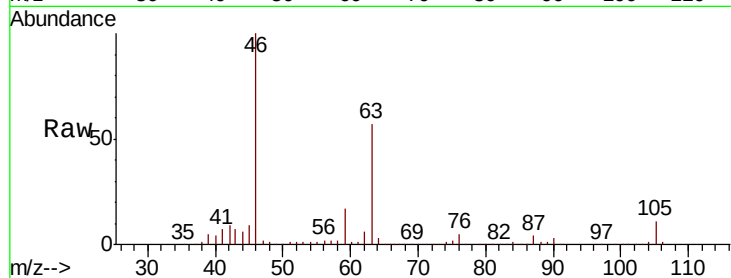




#48
2-Hexanone
Concen: 3.075 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU039124.D
Acq: 25 Jun 2020 18:18

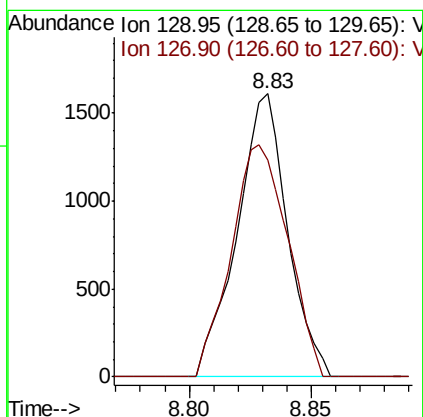
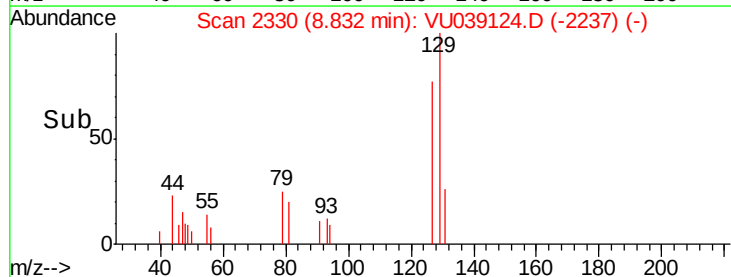
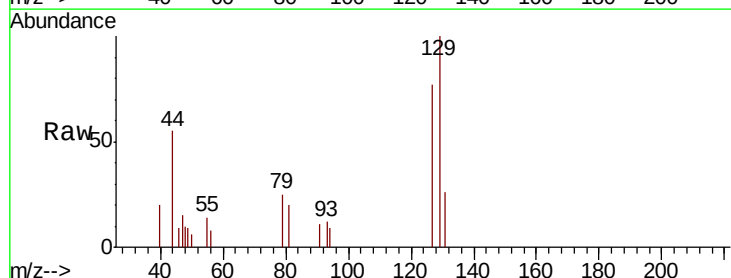
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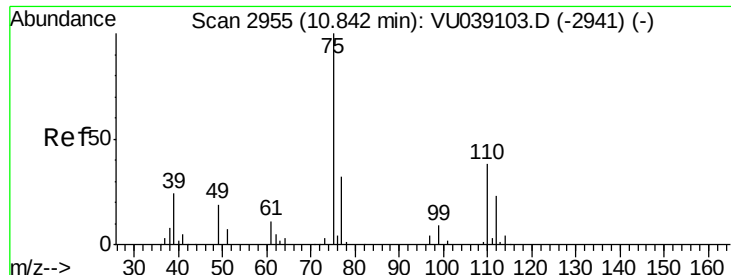
Tot Ion: 43 Resp: 36247
Ion Ratio Lower Upper
43 100
58 29.3 44.0 66.0#
57 29.2 15.0 22.6#
100 1.5 9.4 14.2#



#49
Dibromochloromethane
Concen: 0.132 ug/L
RT: 8.83 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU039124.D
Acq: 25 Jun 2020 18:18

Tgt Ion: 129 Resp: 2307
Ion Ratio Lower Upper
129 100
127 76.5 55.4 103.0





#59

1,2,3-Trichloropropane

Concen: 0.936 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039124.D

Acq: 25 Jun 2020 18:18

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 75 Resp: 15197

Ion Ratio Lower Upper

75 100

77 37.3 26.2 39.2

