

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072120\
 Data File : VU039593.D
 Acq On : 21 Jul 2020 13:05
 Operator : SY/MD
 Sample : VU0721WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 22 02:04:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 02:01:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	106499	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	98611	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44764	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	24478	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.93	69	25878	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.58	63	40283	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.65	46	109098	48.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.86%
24) Chloroform-d	5.08	84	58414	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	39541	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.74	84	114694	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.71	67	38958	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.91	98	104124	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.19	79	15163	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.64	63	76255	45.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.94%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	31961	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	40305	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

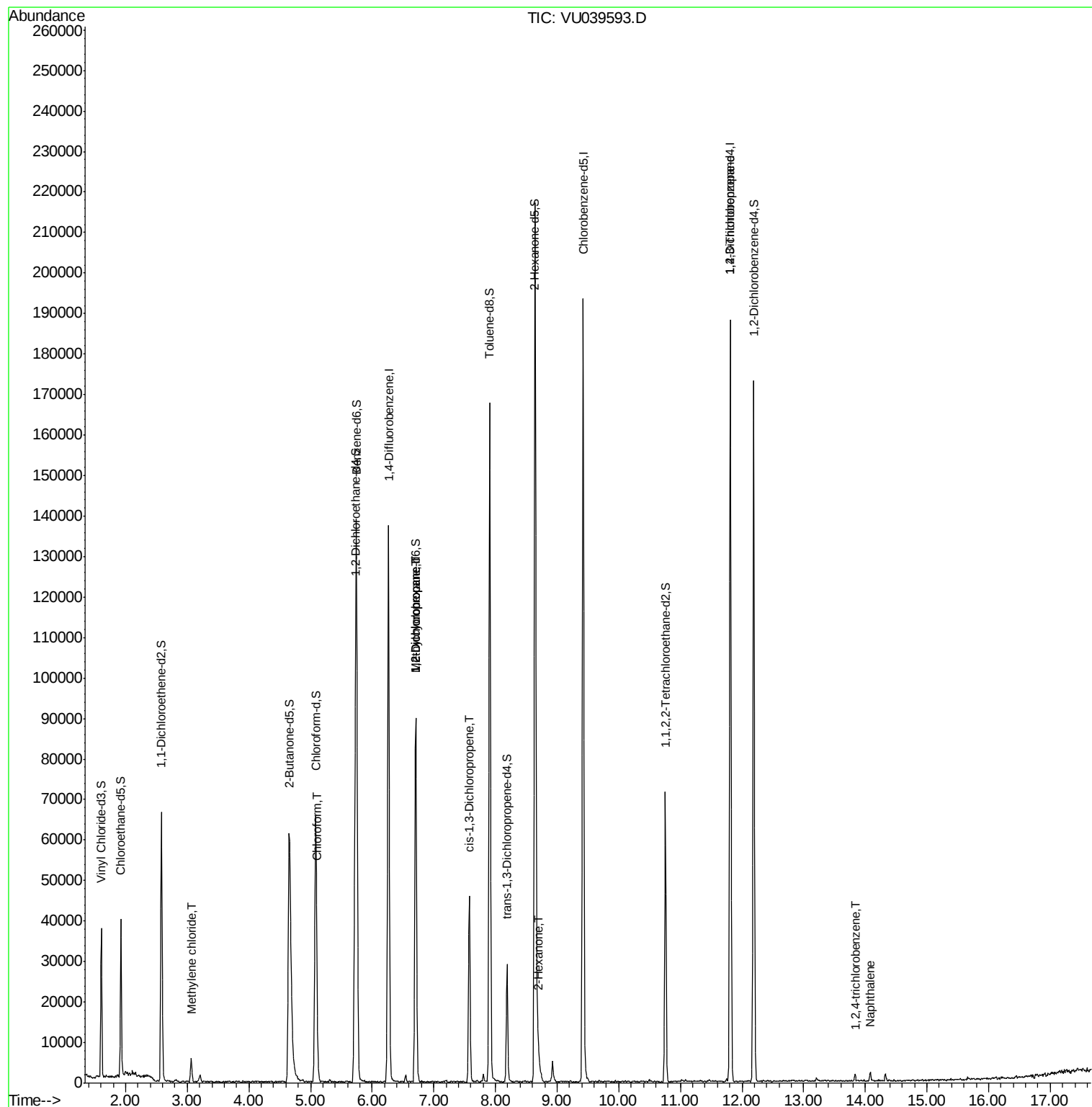
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	2302	0.316	ug/L	89
25) Chloroform	5.11	83	4114	0.315	ug/L	94
35) Methylcyclohexane	6.71	83	8551	0.892	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4800	0.728	ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	1306	0.138	ug/L #	75
48) 2-Hexanone	8.70	43	5936	1.558	ug/L #	75
59) 1,2,3-Trichloropropane	11.81	75	7238	1.496	ug/L #	87
68) 1,2,4-trichlorobenzene	13.83	180	692	0.096	ug/L #	89
69) Naphthalene	14.08	128	1944	0.160	ug/L	96

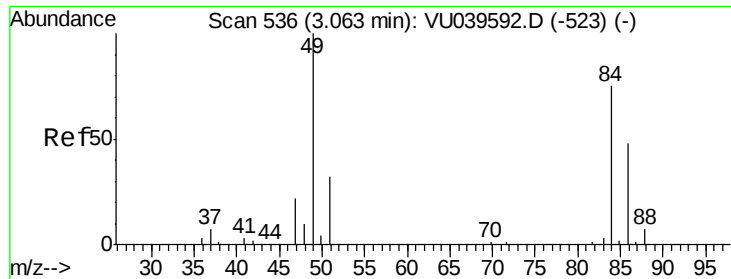
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 02:01:33 2020
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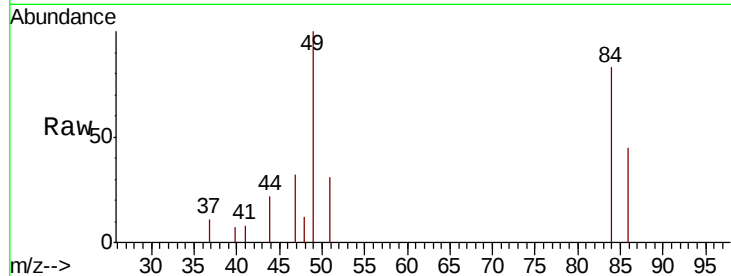




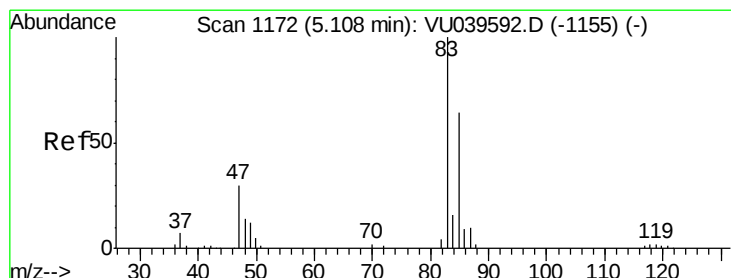
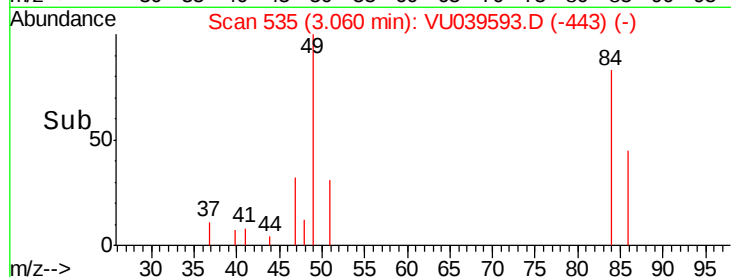
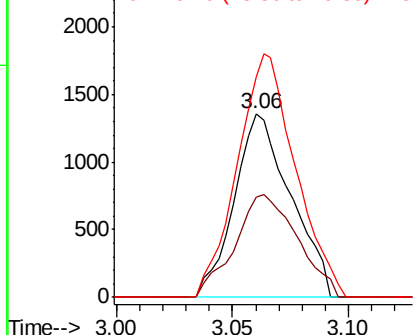
#16
Methvlene chloride
Concen: 0.316 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039593.D
Acq: 21 Jul 2020 13:05

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 2302
Ion Ratio Lower Upper
84 100
86 54.2 43.8 81.4
49 119.8 92.7 172.3

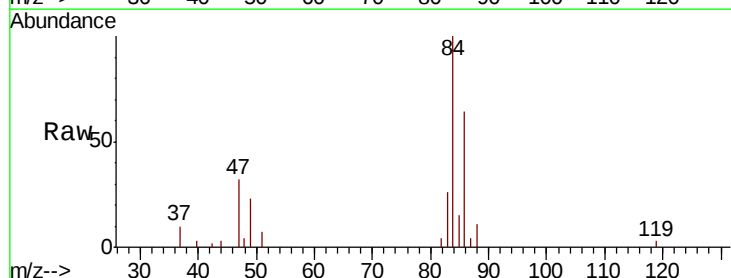


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

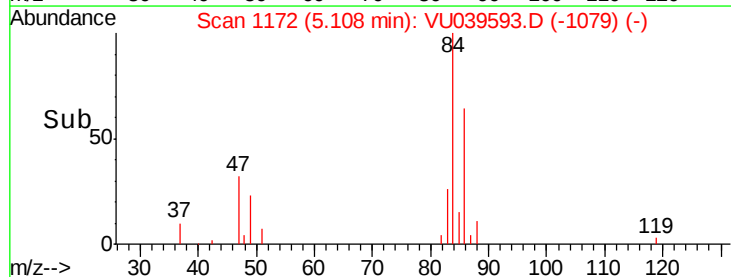
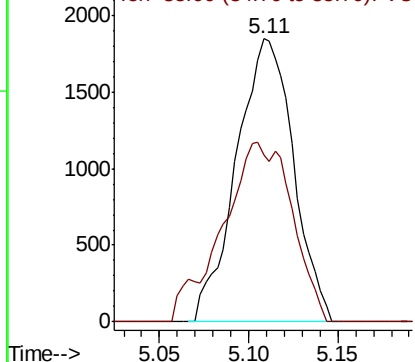


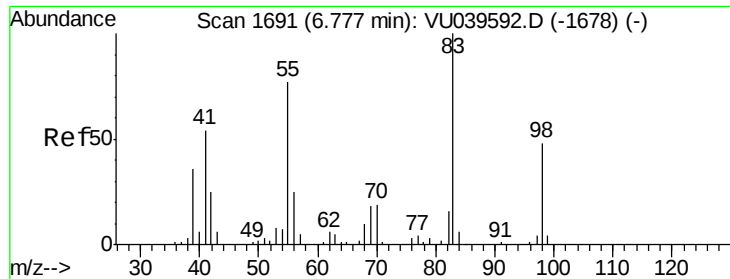
#25
Chloroform
Concen: 0.315 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VU039593.D
Acq: 21 Jul 2020 13:05

Tgt Ion: 83 Resp: 4114
Ion Ratio Lower Upper
83 100
85 59.0 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

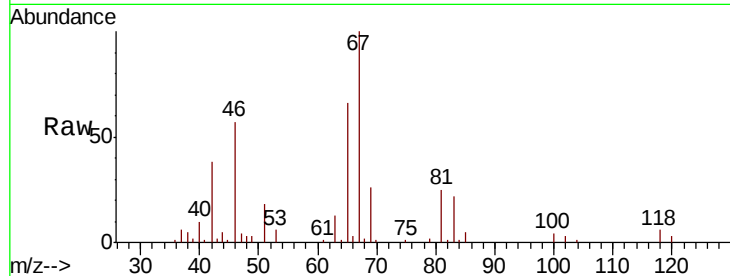




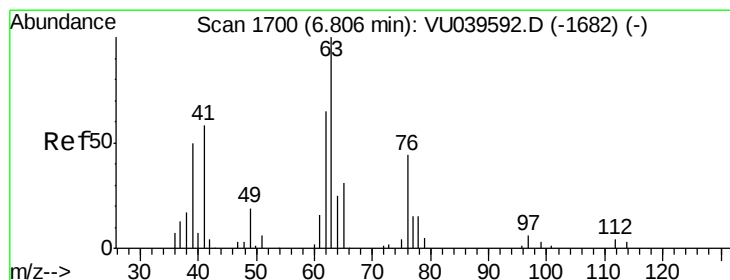
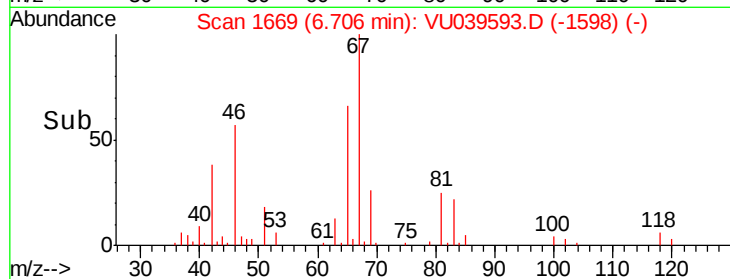
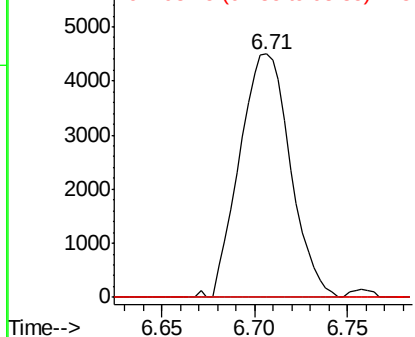
#35
Methvlcvclohexane
Concen: 0.892 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039593.D
Acq: 21 Jul 2020 13:05

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 8551
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.6#
98 0.9 35.3 52.9#

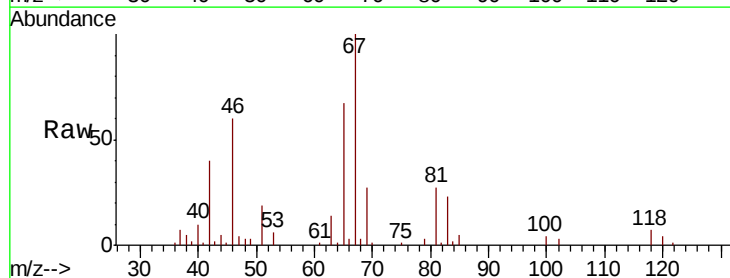


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

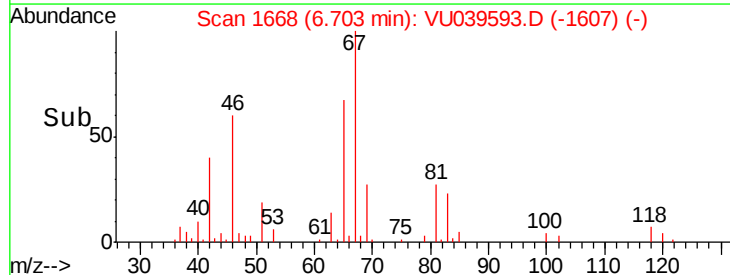
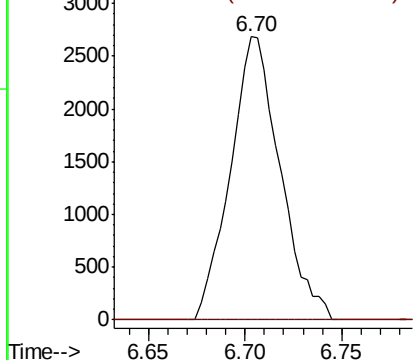


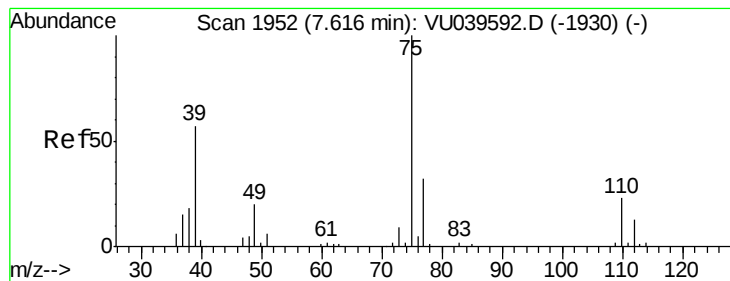
#37
1,2-Dichloropropane
Concen: 0.728 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039593.D
Acq: 21 Jul 2020 13:05

Tgt Ion: 63 Resp: 4800
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



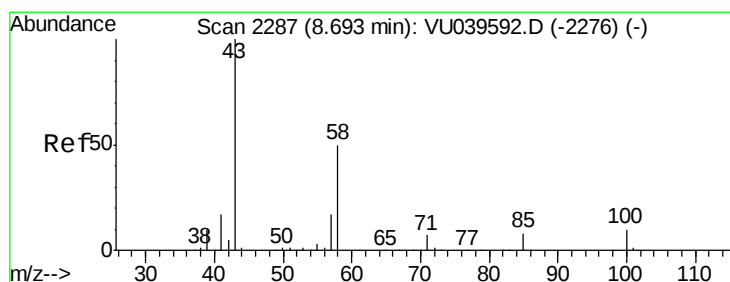
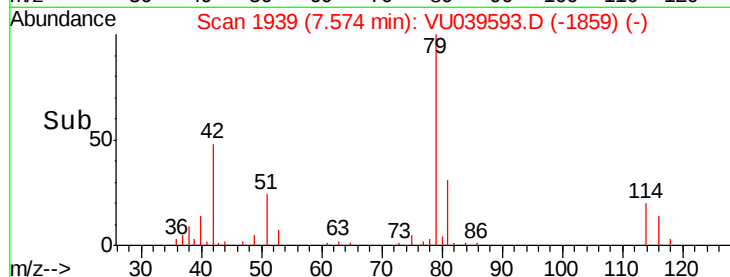
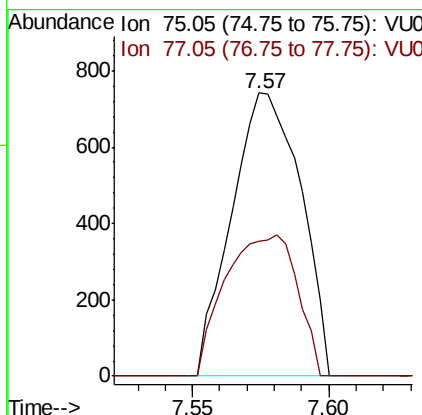
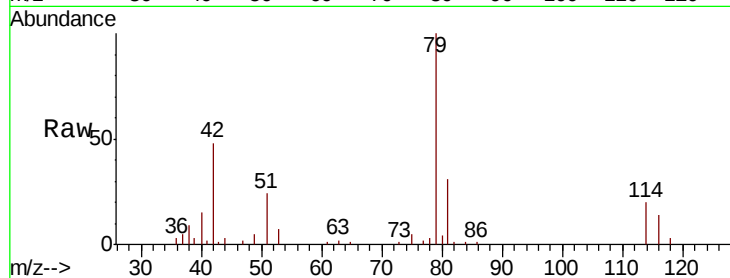


#39

cis-1,3-Dichloropropene
 Concen: 0.138 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039593.D
 Acq: 21 Jul 2020 13:05

Instrument :
 MSVOA_U
 ClientSampleId :

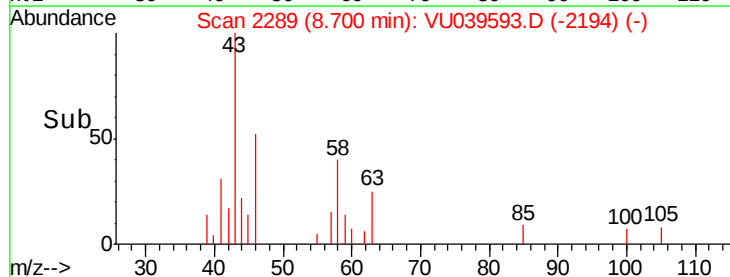
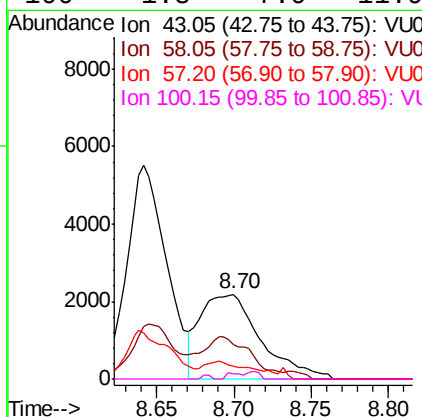
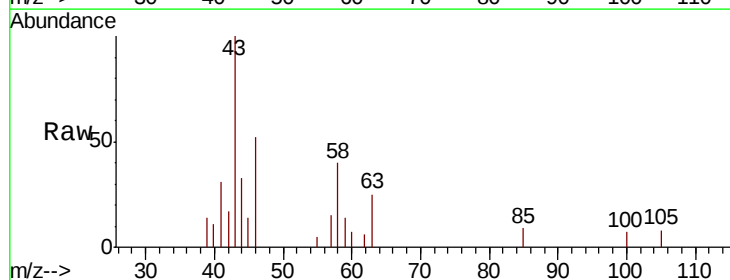
Tot Ion: 75 Resp: 1306
 Ion Ratio Lower Upper
 75 100
 77 47.4 23.2 43.0#

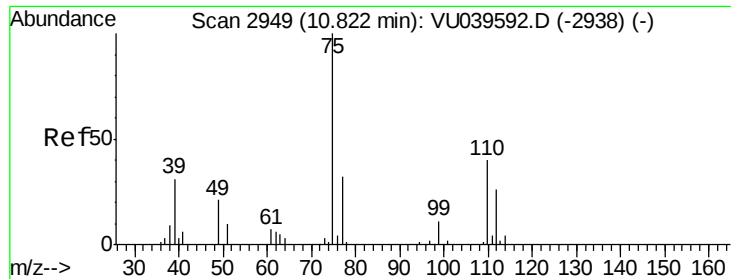


#48

2-Hexanone
 Concen: 1.558 ug/L
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: VU039593.D
 Acq: 21 Jul 2020 13:05

Tgt Ion: 43 Resp: 5936
 Ion Ratio Lower Upper
 43 100
 58 30.8 40.9 61.3#
 57 11.0 14.6 21.8#
 100 1.8 7.9 11.9#

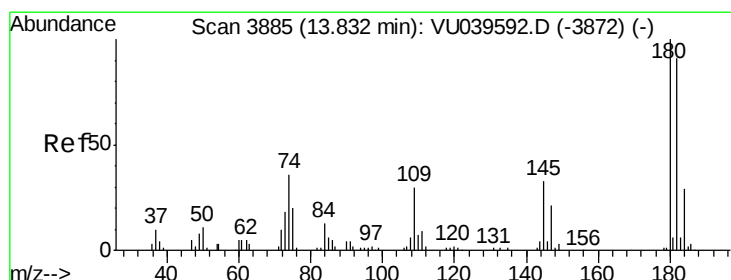
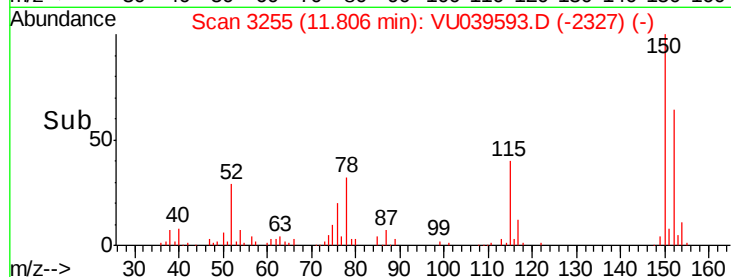
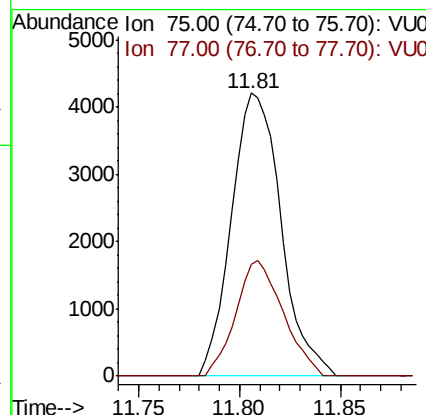
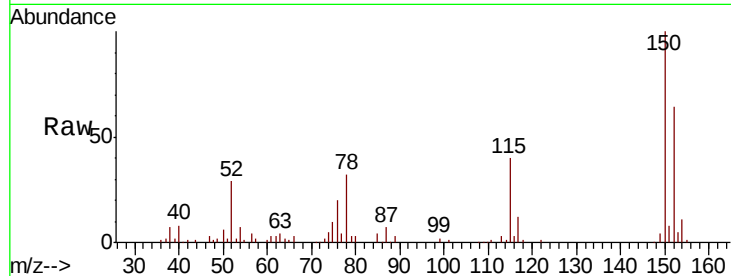




#59
 1,2,3-Trichloropropane
 Concen: 1.496 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039593.D
 Acq: 21 Jul 2020 13:05

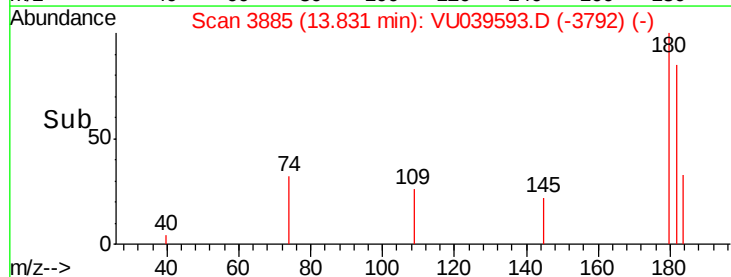
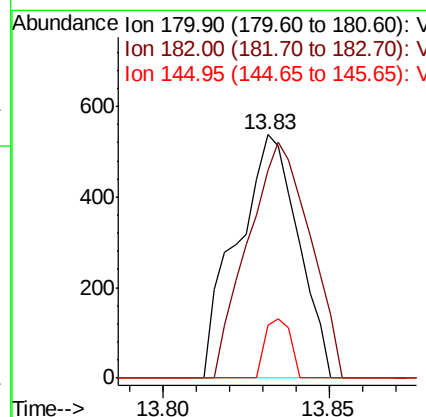
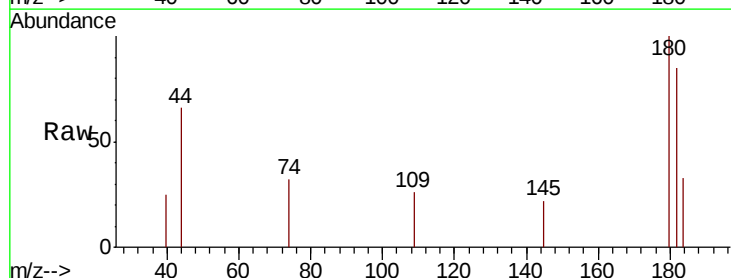
Instrument :
 MSVOA_U
 ClientSampled :

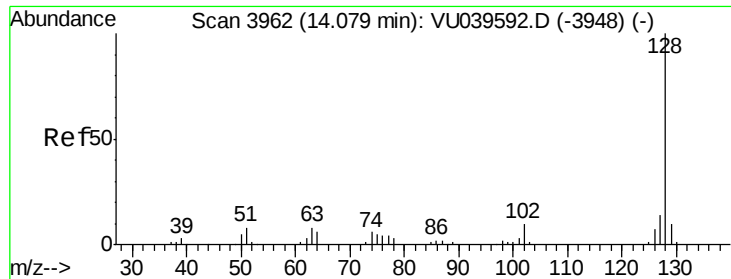
Tot Ion: 75 Resp: 7238
 Ion Ratio Lower Upper
 75 100
 77 39.0 25.5 38.3#



#68
 1,2,4-trichlorobenzene
 Concen: 0.096 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039593.D
 Acq: 21 Jul 2020 13:05

Tgt Ion:180 Resp: 692
 Ion Ratio Lower Upper
 180 100
 182 98.3 78.8 118.2
 145 10.0 26.7 40.1#





#69

Naphthalene

Concen: 0.160 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

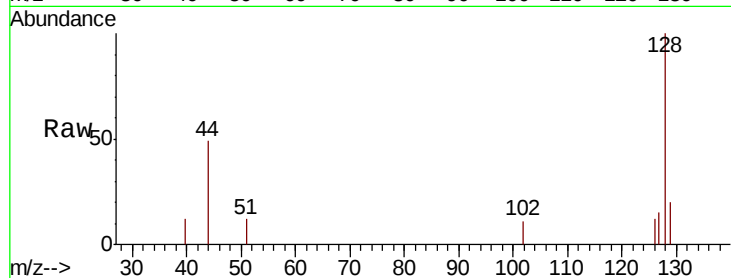
Lab File: VU039593.D

Acq: 21 Jul 2020 13:05

Instrument :

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ClientSampleId :



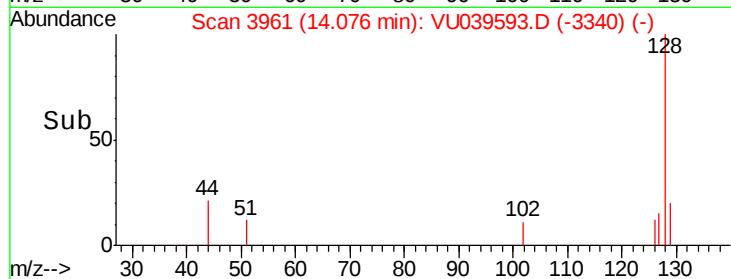
Tot Ion:128 Resp: 1944

Ion Ratio Lower Upper

128 100

129 12.8 8.6 12.8

127 14.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

1500 Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

