

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039793.D
 Acq On : 07 Aug 2020 18:54
 Operator : SY/MD
 Sample : L3617-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 03:34:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	67926	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66068	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14414	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.92	69	16233	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.58	63	20370	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.65	46	82673	51.25	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.50%
24) Chloroform-d	5.08	84	41249	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.72	65	25965	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.75	84	69777	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.70	67	25529	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.91	98	50856	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
43) trans-1,3-Dichloropropene-	8.19	79	8831	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.64	63	56617	50.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.38%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25218	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	25971	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

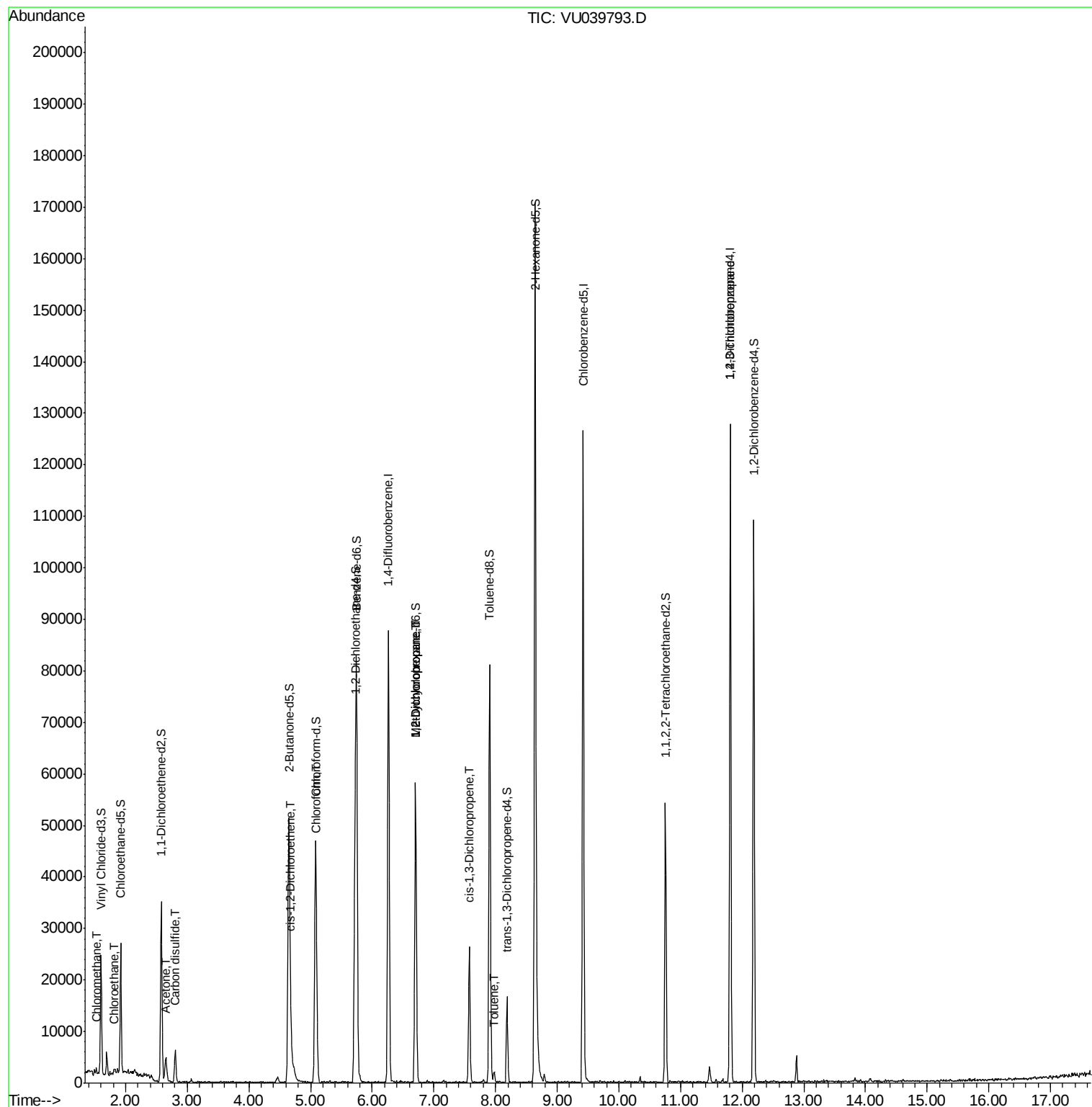
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	702	0.122	ug/L	93
8) Chloroethane	1.81	64	565	0.140	ug/L	83
13) Acetone	2.65	43	7092	7.457	ug/L	68
14) Carbon disulfide	2.81	76	7771	0.613	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	651	0.133	ug/L	86
25) Chloroform	5.10	83	1620	0.181	ug/L	91
35) Methylcyclohexane	6.70	83	6194	0.830	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3266	0.683	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	680	0.104	ug/L #	51
42) Toluene	7.98	91	1691	0.089	ug/L	99
59) 1,2,3-Trichloropropane	11.81	75	4206	1.220	ug/L #	81

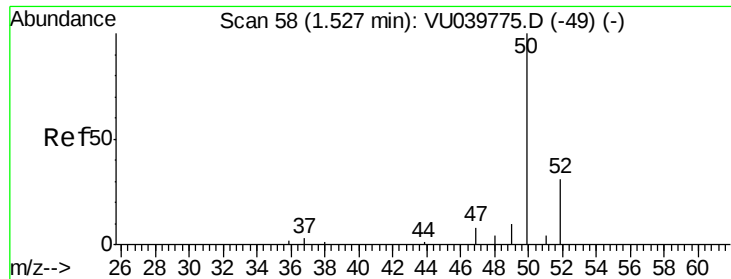
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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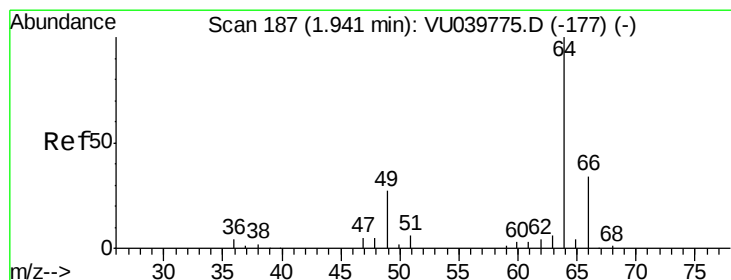
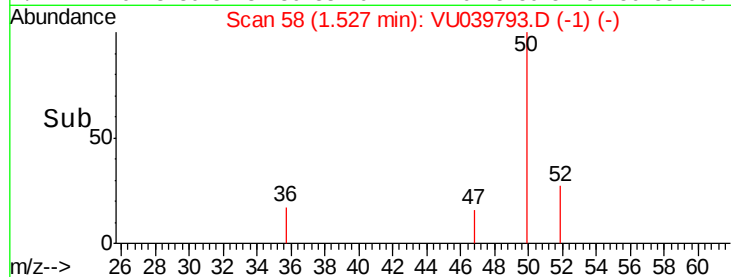
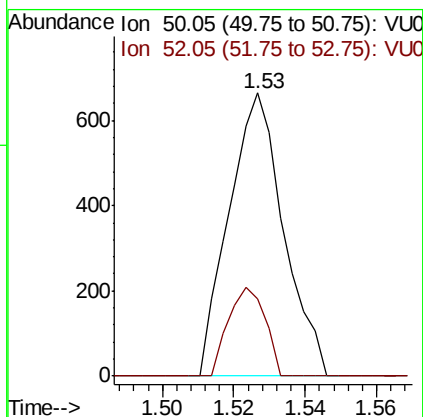
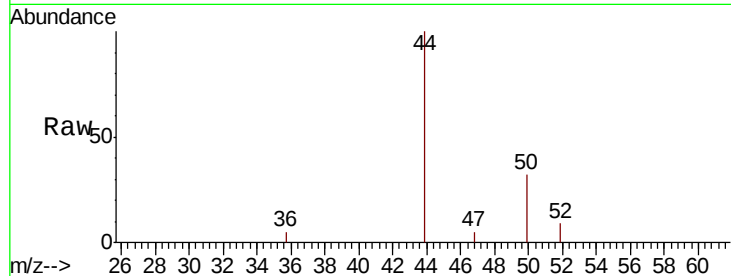




#3
 Chloromethane
 Concen: 0.122 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU039793.D
 Acq: 07 Aug 2020 18:54

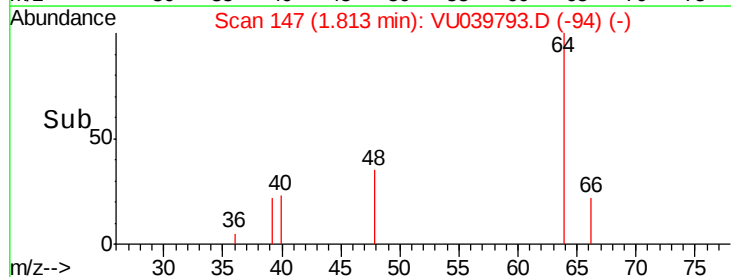
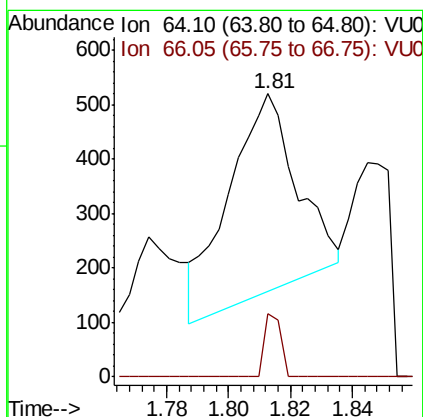
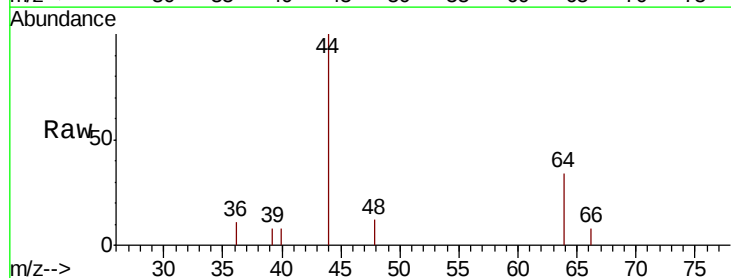
Instrument :
 MSVOA_U
 ClientSampleId :

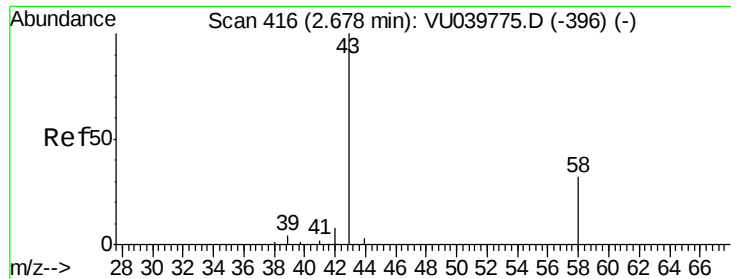
Tot Ion: 50 Resp: 702
 Ion Ratio Lower Upper
 50 100
 52 27.1 21.6 40.0



#8
 Chloroethane
 Concen: 0.140 ug/L
 RT: 1.81 min Scan# 147
 Delta R.T. -0.13 min
 Lab File: VU039793.D
 Acq: 07 Aug 2020 18:54

Tgt Ion: 64 Resp: 565
 Ion Ratio Lower Upper
 64 100
 66 22.3 22.3 41.3





#13

Acetone

Concen: 7.457 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.03 min

Lab File: VU039793.D

Acq: 07 Aug 2020 18:54

Instrument :

MSVOA_U

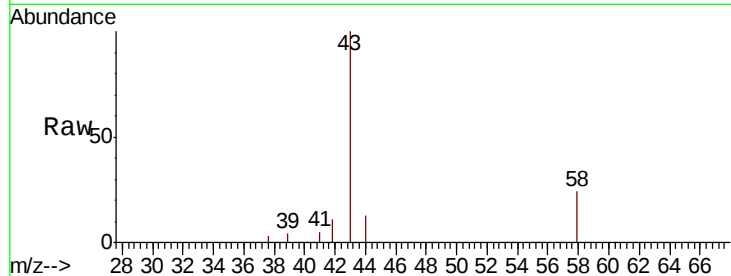
ClientSampleId :

Tot Ion: 43 Resp: 7092

Ion Ratio Lower Upper

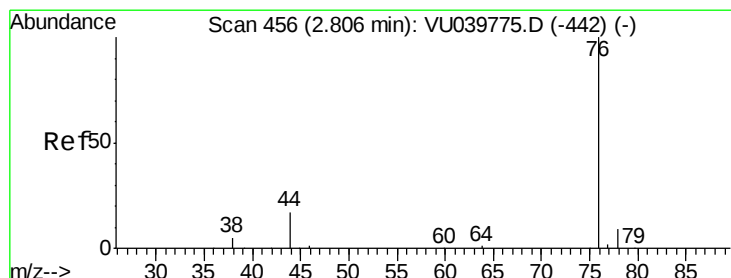
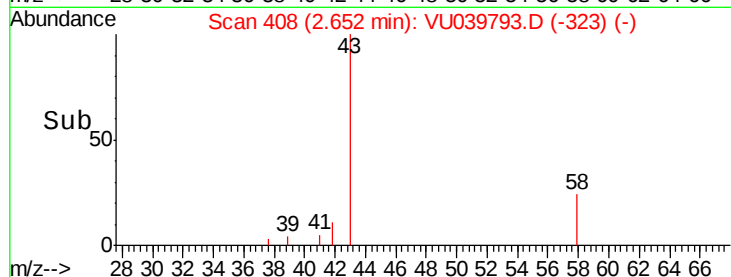
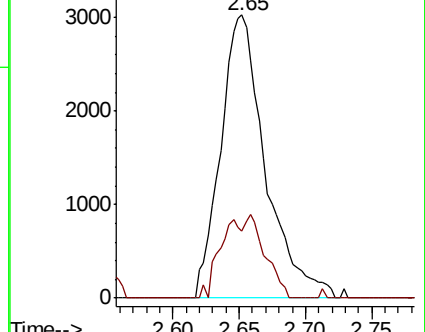
43 100

58 13.5 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039775.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU039775.D (-396) (-)



#14

Carbon disulfide

Concen: 0.613 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039793.D

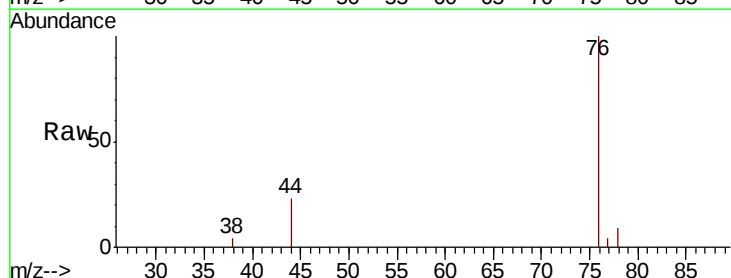
Acq: 07 Aug 2020 18:54

Tgt Ion: 76 Resp: 7771

Ion Ratio Lower Upper

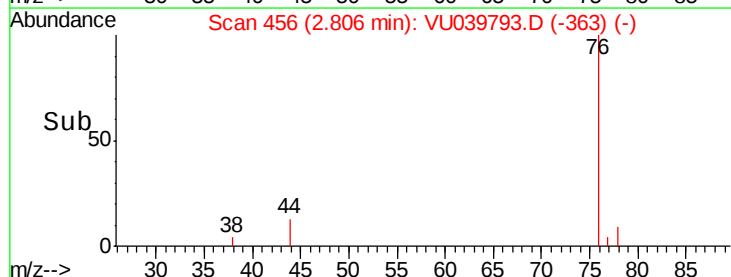
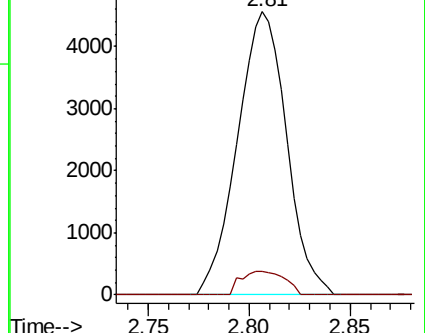
76 100

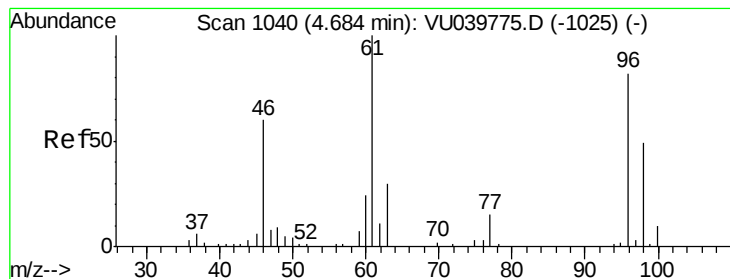
78 8.5 7.8 11.6



Abundance Ion 76.05 (75.75 to 76.75): VU039775.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU039775.D (-442) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.133 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU039793.D

Acq: 07 Aug 2020 18:54

Instrument :

MSVOA_U

ClientSampleId :

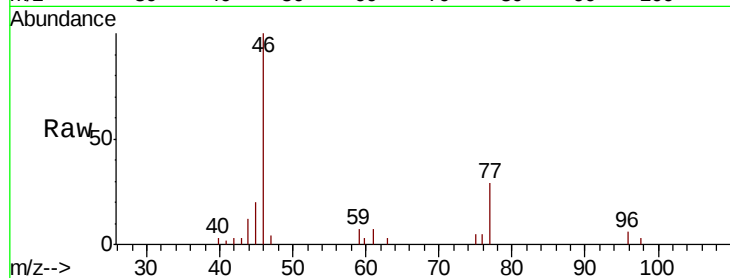
Tot Ion: 96 Resp: 651

Ion Ratio Lower Upper

96 100

61 108.8 87.4 162.2

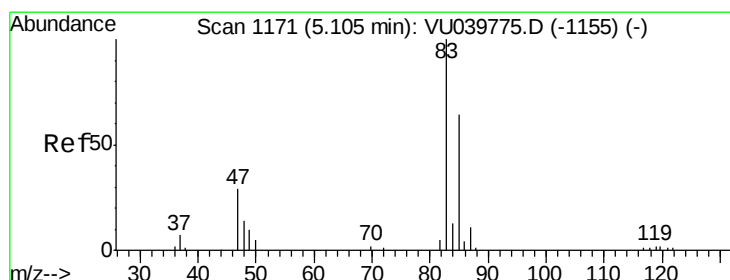
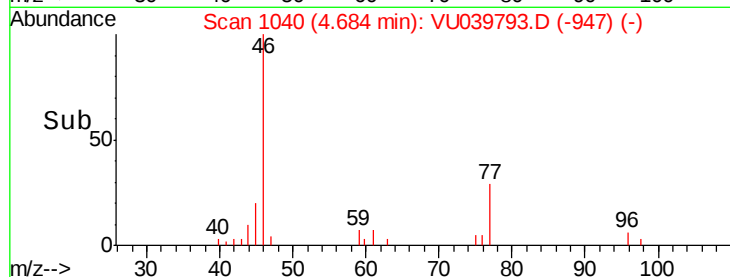
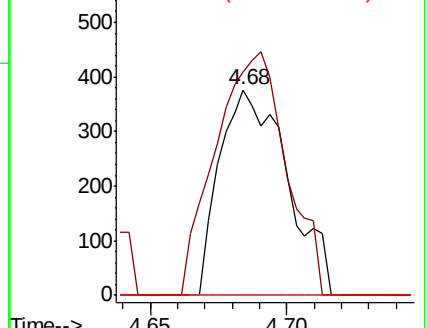
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039793.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU039793.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU039793.D (-947) (-)



#25

Chloroform

Concen: 0.181 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU039793.D

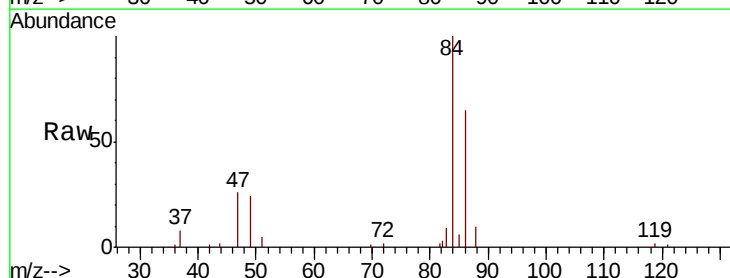
Acq: 07 Aug 2020 18:54

Tgt Ion: 83 Resp: 1620

Ion Ratio Lower Upper

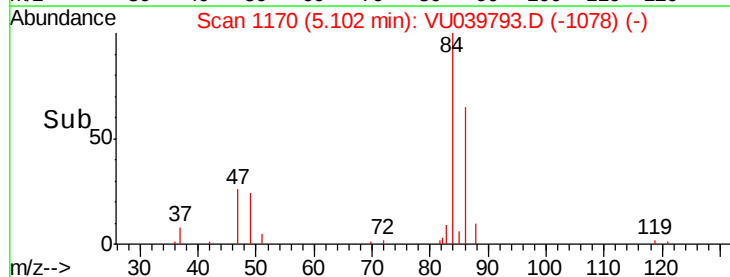
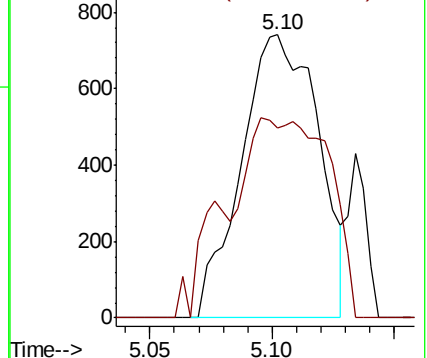
83 100

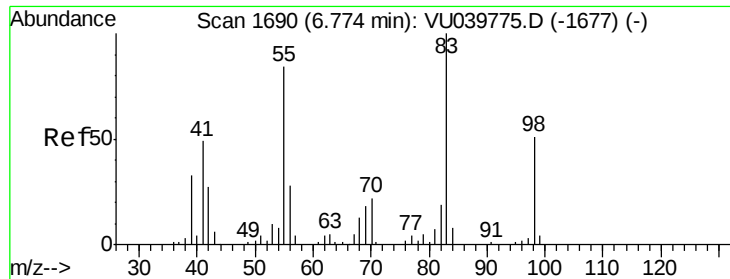
85 66.9 42.1 78.3



Abundance Ion 83.05 (82.75 to 83.75): VU039793.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU039793.D (-1078) (-)

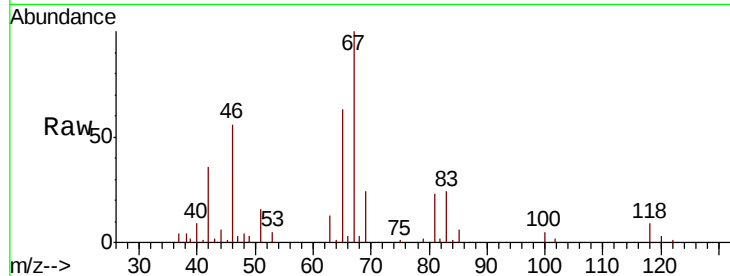




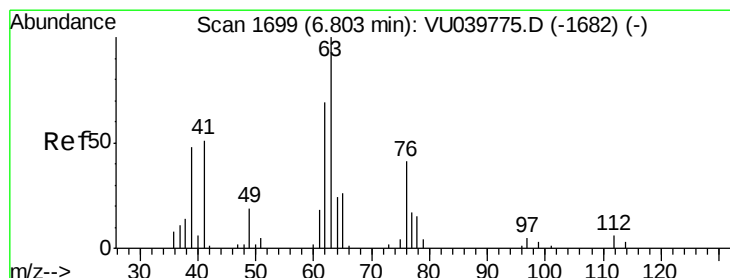
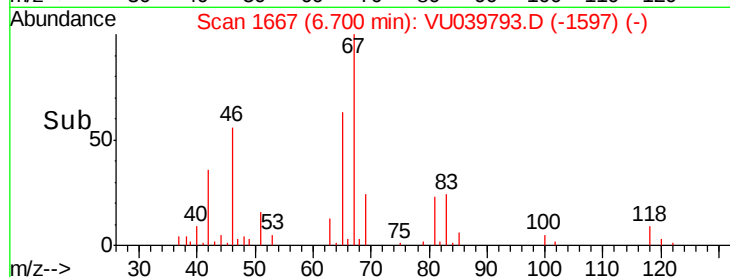
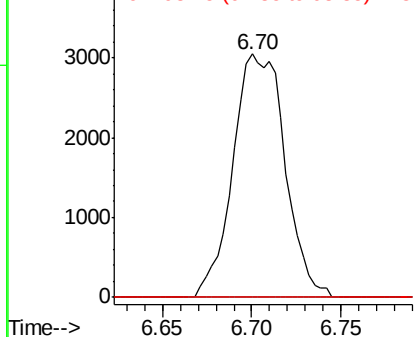
#35
Methvlcvclohexane
Concen: 0.830 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU039793.D
Acq: 07 Aug 2020 18:54

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 6194
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.0 39.0 58.4#

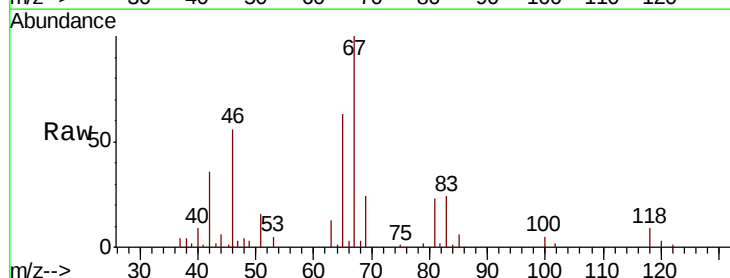


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

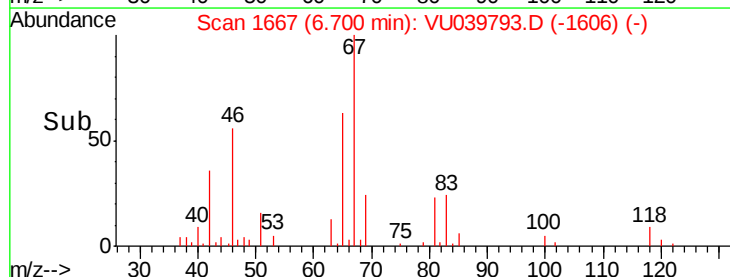
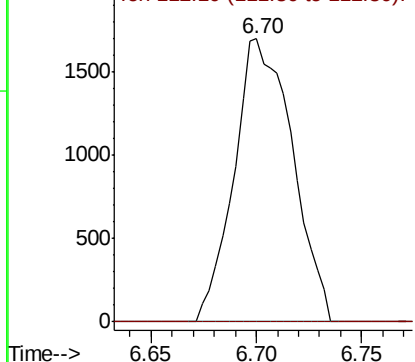


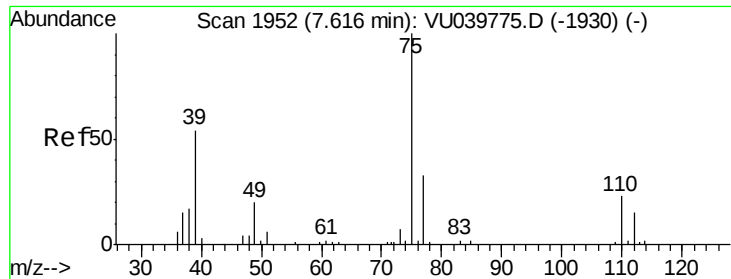
#37
1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU039793.D
Acq: 07 Aug 2020 18:54

Tgt Ion: 63 Resp: 3266
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



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

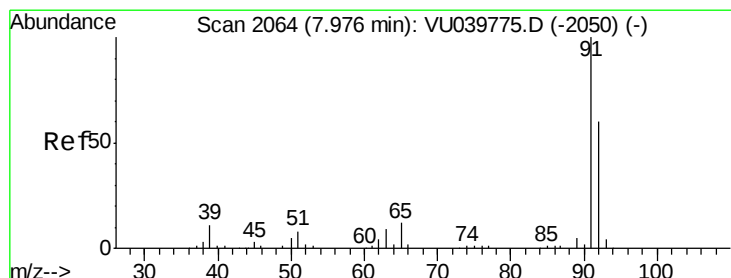
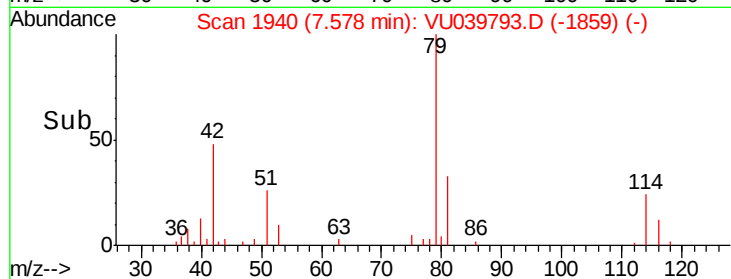
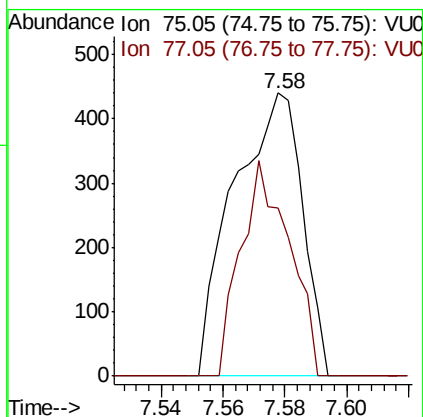
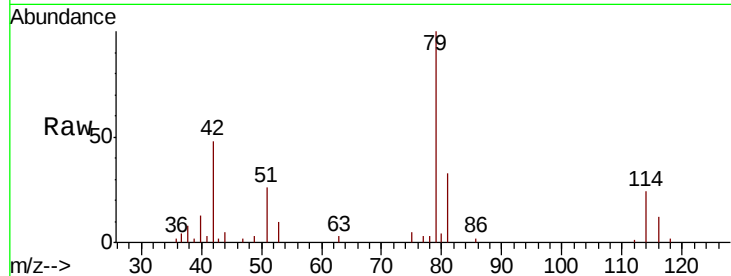




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039793.D
 Acq: 07 Aug 2020 18:54

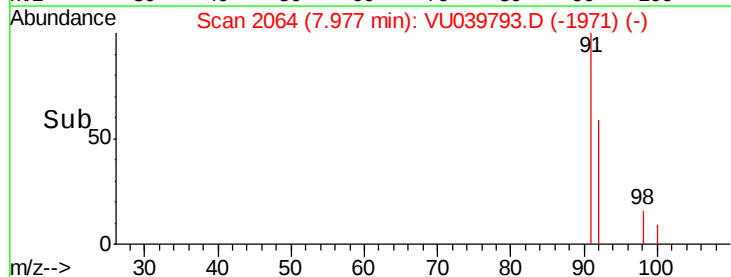
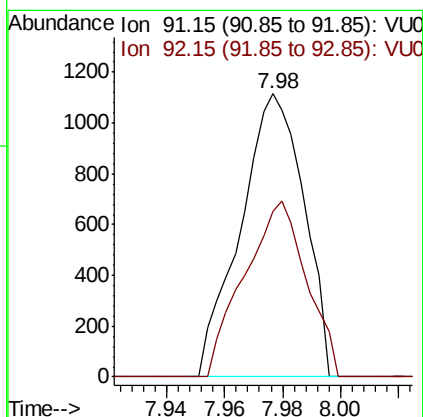
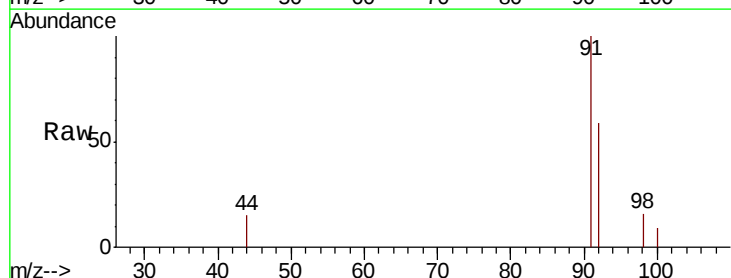
Instrument :
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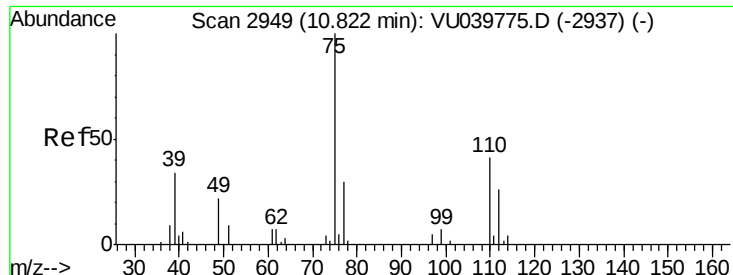
Tot Ion: 75 Resp: 680
 Ion Ratio Lower Upper
 75 100
 77 59.5 22.4 41.6#



#42
 Toluene
 Concen: 0.089 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU039793.D
 Acq: 07 Aug 2020 18:54

Tgt Ion: 91 Resp: 1691
 Ion Ratio Lower Upper
 91 100
 92 58.6 41.6 77.3





#59

1,2,3-Trichloropropane

Concen: 1.220 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039793.D

Acq: 07 Aug 2020 18:54

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 4206

Ion Ratio Lower Upper

75 100

77 41.0 24.6 37.0#

