

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039778.D
 Acq On : 07 Aug 2020 11:40
 Operator : SY/MD
 Sample : L3572-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 03:32:40 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	6.26	114	77564	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75266	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33847	5.00	ug/L	0.00

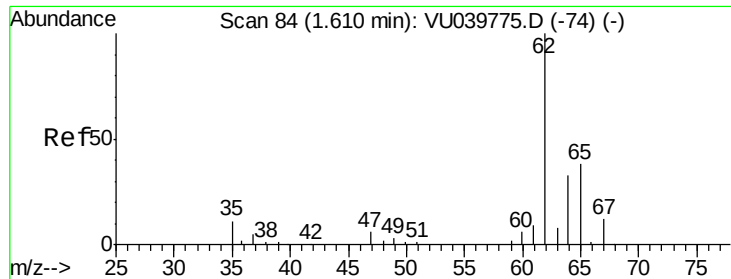
System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21390	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.92	69	21810	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.58	63	30699	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.66	46	93087	50.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.06%
24) Chloroform-d	5.08	84	50341	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	31968	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	92231	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.70	67	31874	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.91	98	69059	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.19	79	10180	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	68880	54.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29423	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	32733	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	47011	7.454	ug/L	96
13) Acetone	2.67	43	4262	3.924	ug/L	93
18) trans-1,2-Dichloroethene	3.37	96	824	0.160	ug/L #	55
22) cis-1,2-Dichloroethene	4.69	96	24085	4.299	ug/L	98
35) Methylcyclohexane	6.71	83	7573	0.891	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3989	0.732	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	926	0.125	ug/L #	79
42) Toluene	7.98	91	13060	0.606	ug/L	97
45) 1,1,2-Trichloroethane	8.28	97	1062	0.259	ug/L #	18
53) m,p-Xylene	9.69	106	1461	0.159	ug/L	86
59) 1,2,3-Trichloropropane	11.81	75	4705	1.198	ug/L #	84

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



#5

Vinyl chloride

Concen: 7.454 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039778.D

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Instrument :

MSVOA_U

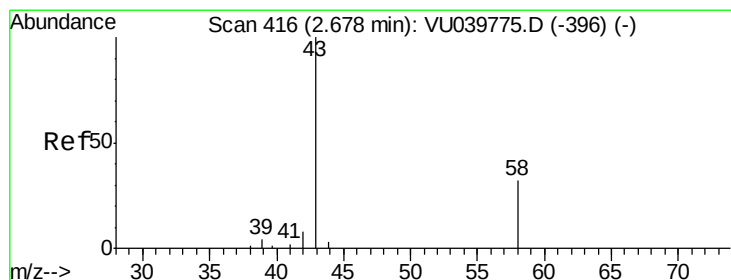
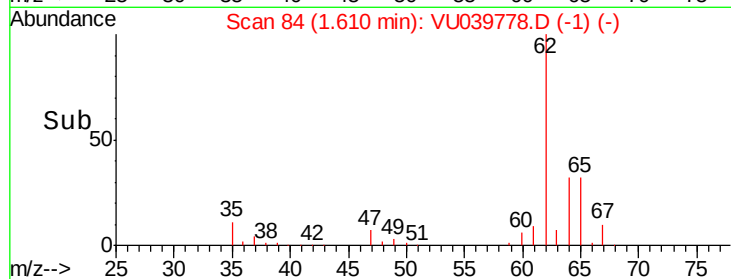
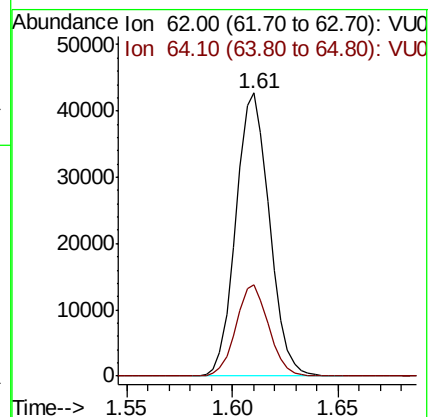
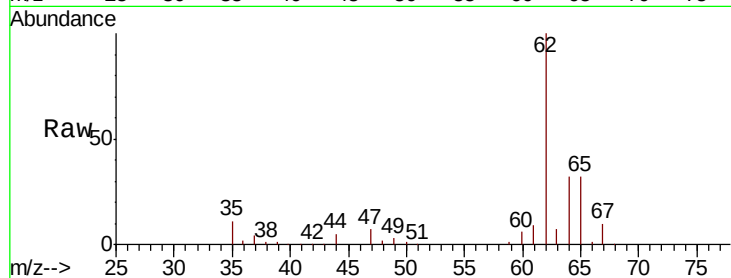
ClientSampleId :

Tot Ion: 62 Resp: 47011

Ion Ratio Lower Upper

62 100

64 32.1 24.1 44.7



#13

Acetone

Concen: 3.924 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU039778.D

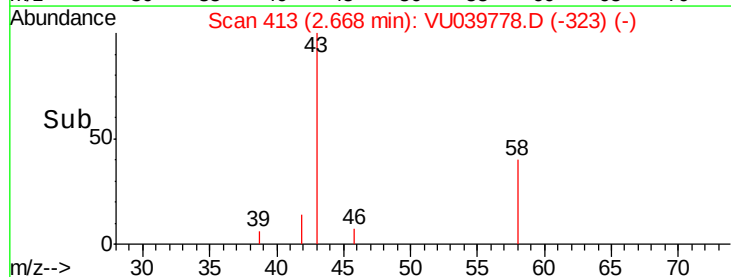
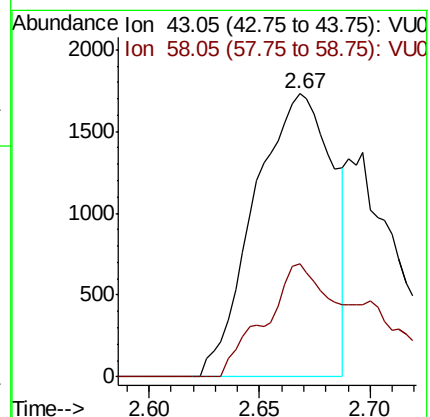
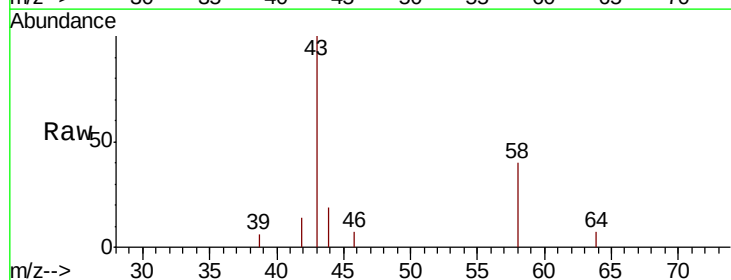
Acq: 07 Aug 2020 11:40

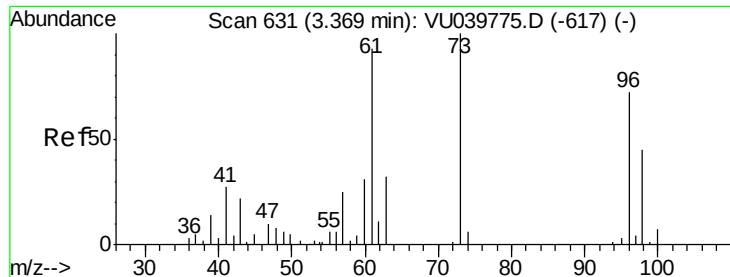
Tgt Ion: 43 Resp: 4262

Ion Ratio Lower Upper

43 100

58 34.9 0.0 61.8

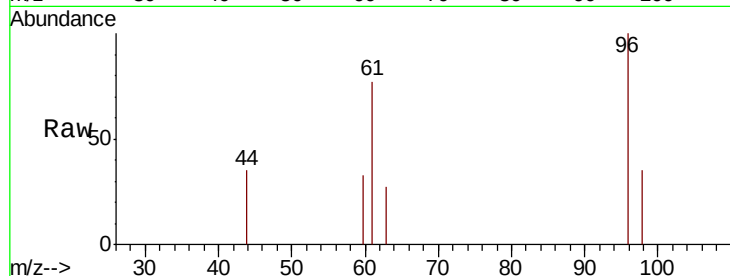




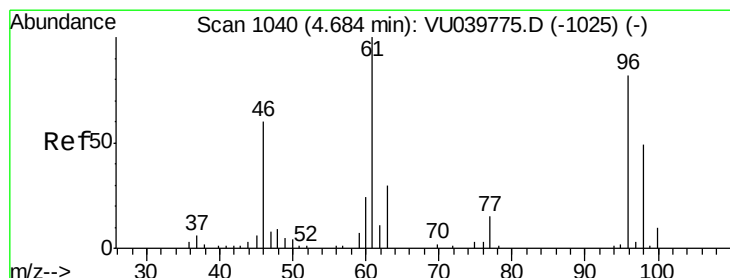
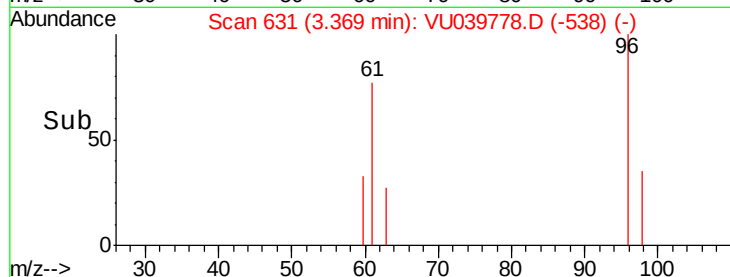
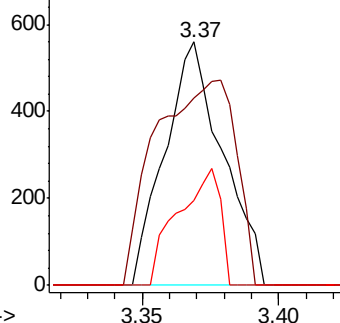
#18
trans-1,2-Dichloroethene
Concen: 0.160 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039778.D
Acq: 07 Aug 2020 11:40

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 824
Ion Ratio Lower Upper
96 100
61 77.1 96.5 179.1#
98 35.0 40.9 76.0#

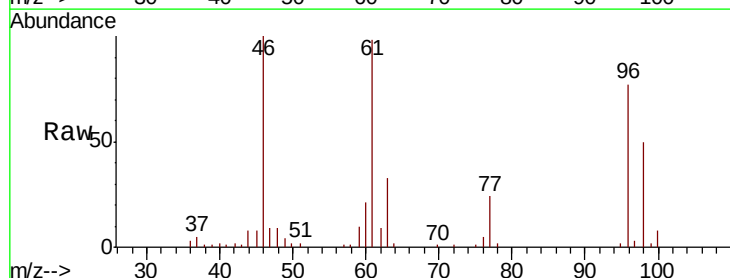


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

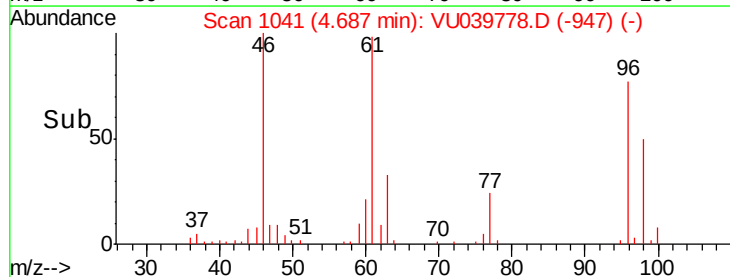
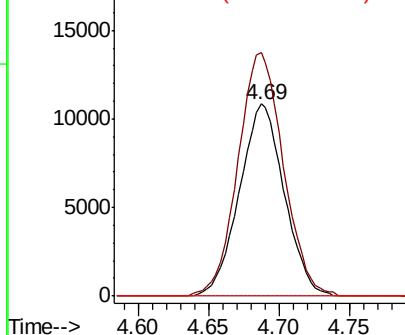


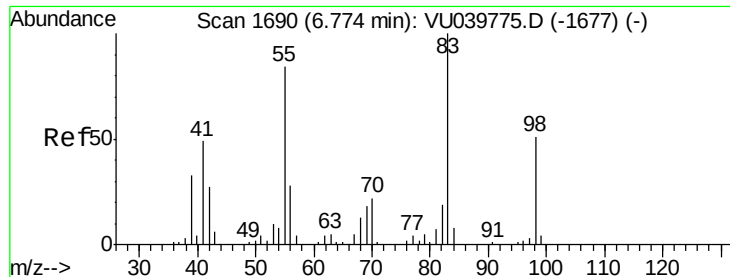
#22
cis-1,2-Dichloroethene
Concen: 4.299 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU039778.D
Acq: 07 Aug 2020 11:40

Tgt Ion: 96 Resp: 24085
Ion Ratio Lower Upper
96 100
61 126.8 87.4 162.2
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0

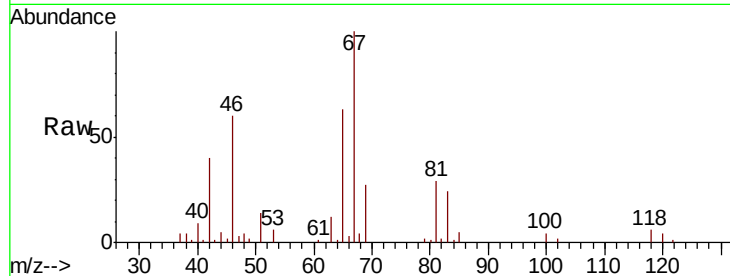




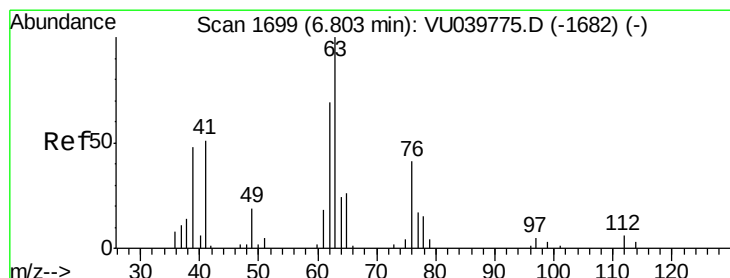
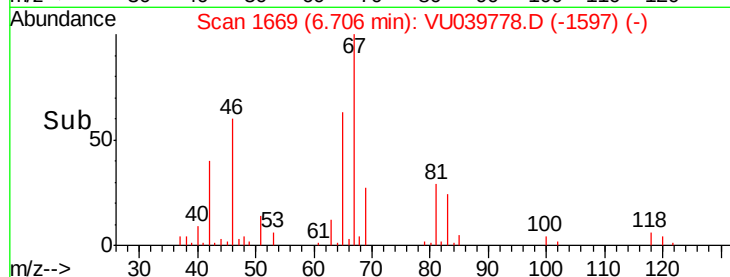
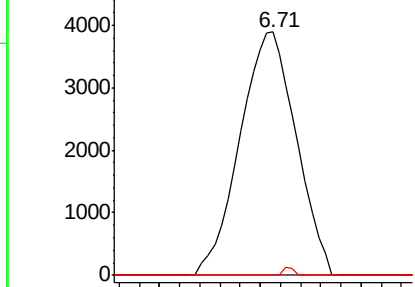
#35
Methylvlcyclohexane
Concen: 0.891 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039778.D
Acq: 07 Aug 2020 11:40

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 7573
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.6 39.0 58.4#

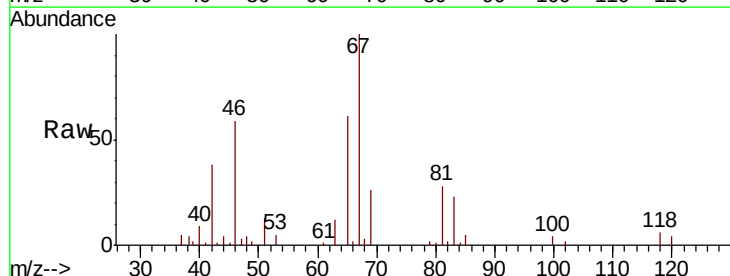


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

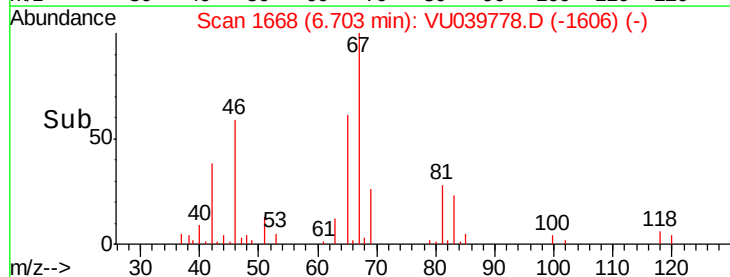
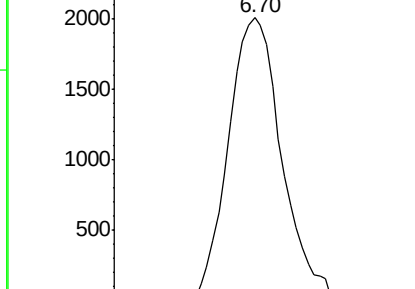


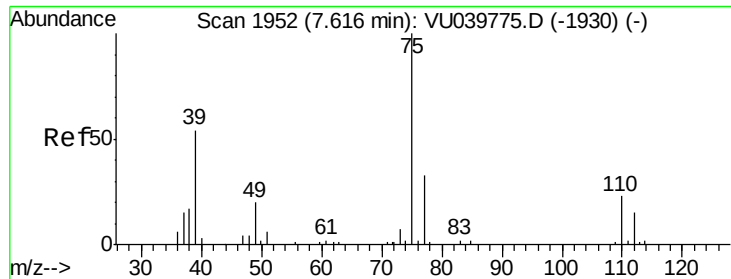
#37
1,2-Dichloropropane
Concen: 0.732 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039778.D
Acq: 07 Aug 2020 11:40

Tgt Ion: 63 Resp: 3989
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

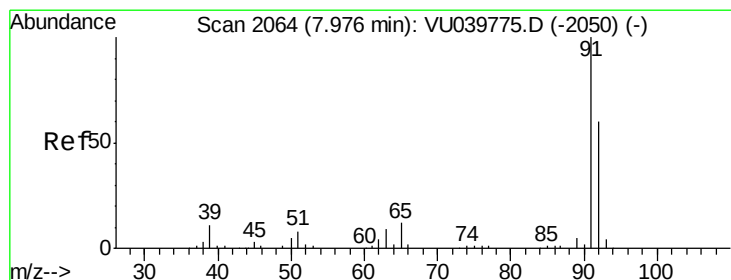
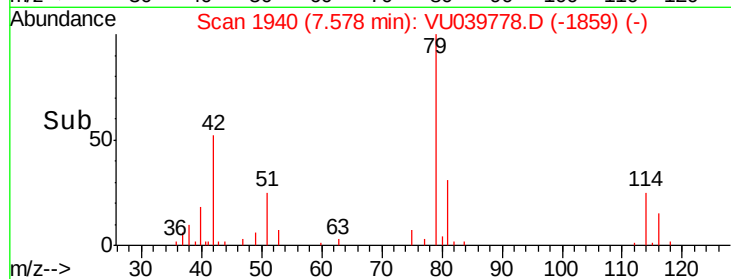
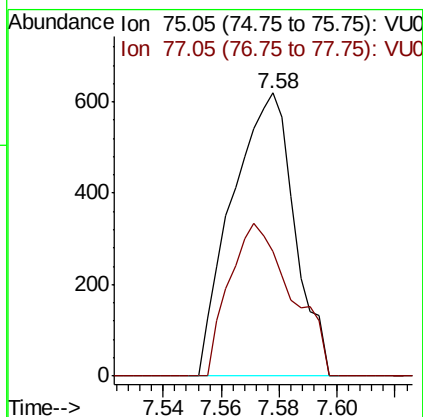
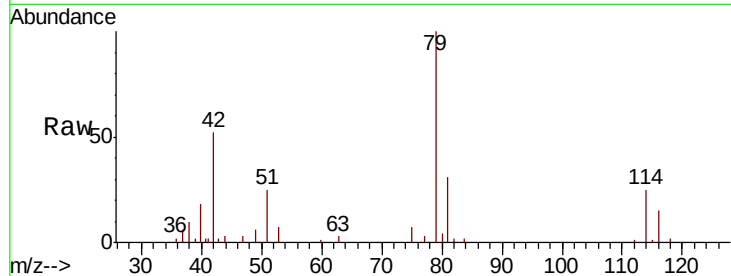




#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039778.D
 Acq: 07 Aug 2020 11:40

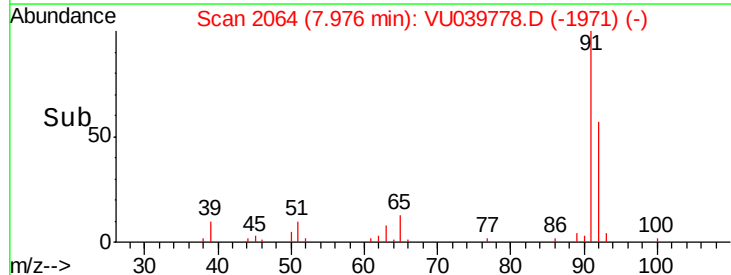
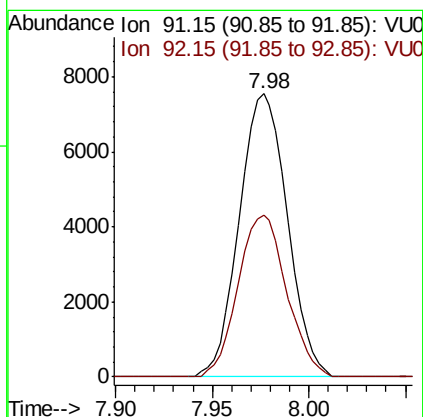
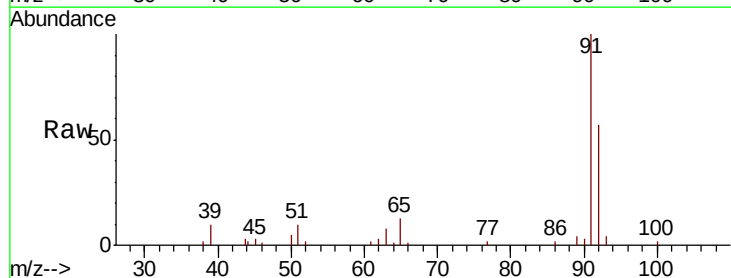
Instrument :
 MSVOA_U
 ClientSampleId :

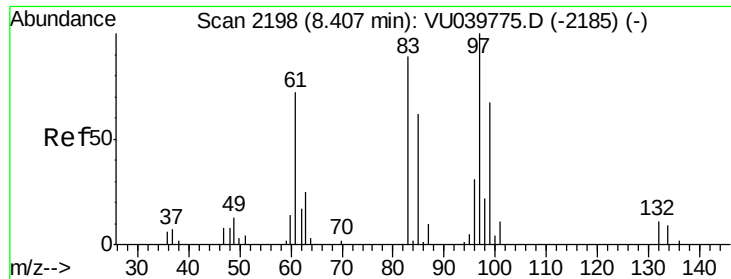
Tot Ion: 75 Resp: 926
 Ion Ratio Lower Upper
 75 100
 77 43.9 22.4 41.6#



#42
 Toluene
 Concen: 0.606 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VU039778.D
 Acq: 07 Aug 2020 11:40

Tgt Ion: 91 Resp: 13060
 Ion Ratio Lower Upper
 91 100
 92 57.3 41.6 77.3

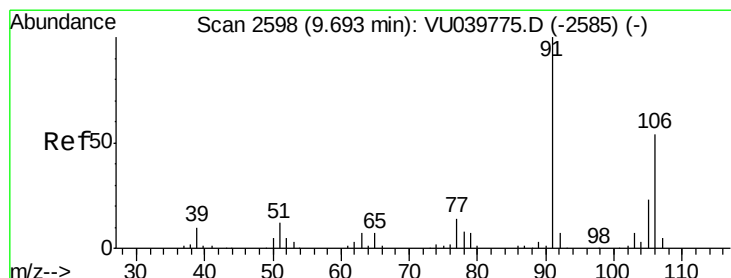
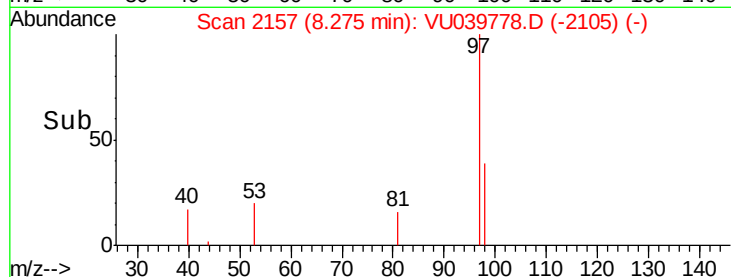
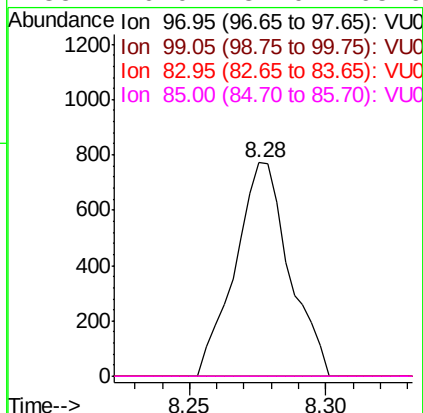
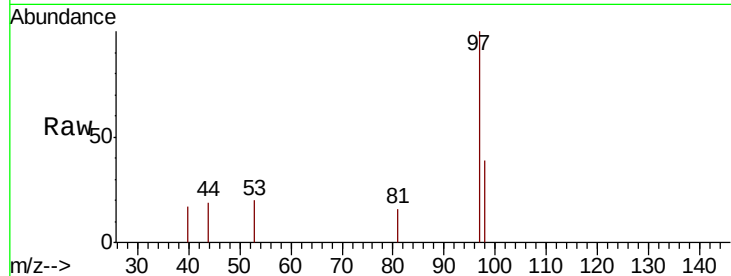




#45
 1,1,2-Trichloroethane
 Concen: 0.259 ug/L
 RT: 8.28 min Scan# 2157
 Delta R.T. -0.13 min
 Lab File: VU039778.D
 Acq: 07 Aug 2020 11:40

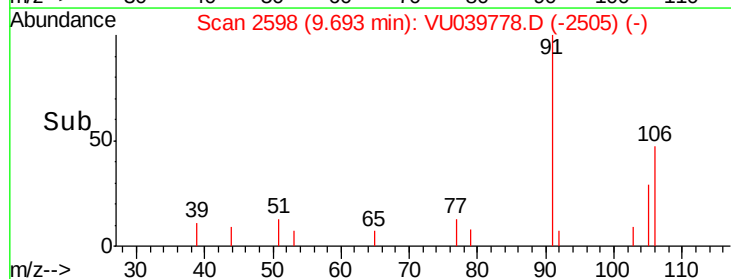
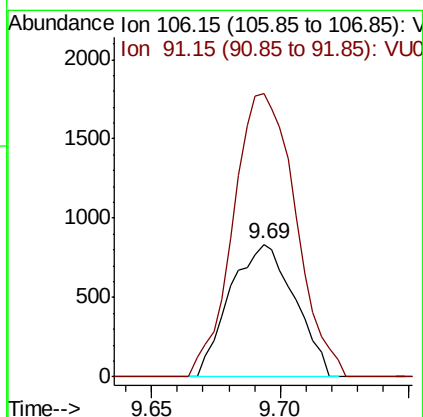
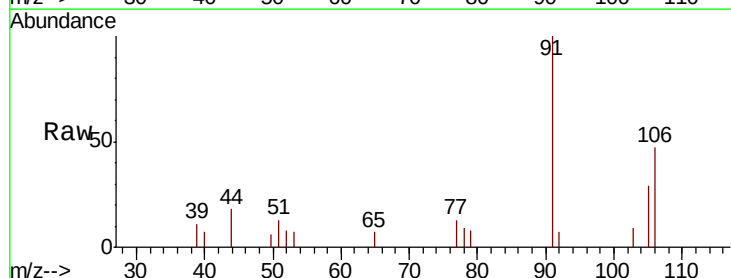
Instrument :
 MSVOA_U
 ClientSampled :

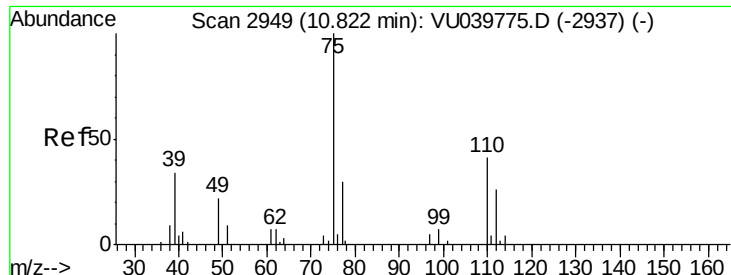
Tot Ion:	97	Resp:	1062
Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.0	78.0#
83	0.0	55.2	102.4#
85	0.0	37.0	68.6#



#53
 m,p-Xylene
 Concen: 0.159 ug/L
 RT: 9.69 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: VU039778.D
 Acq: 07 Aug 2020 11:40

Tgt Ion:	106	Resp:	1461
Ion	Ratio	Lower	Upper
106	100		
91	213.9	135.5	251.7





#59

1,2,3-Trichloropropane

Concen: 1.198 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039778.D

Acq: 07 Aug 2020 11:40

Instrument :

MSVOA_U

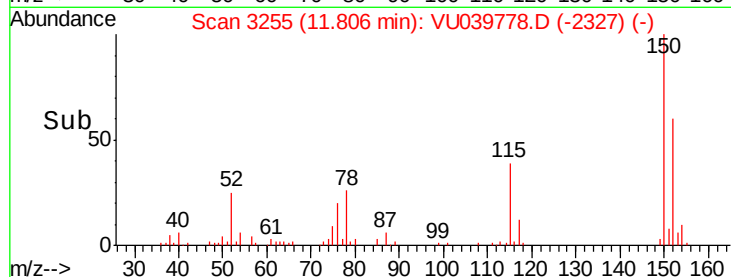
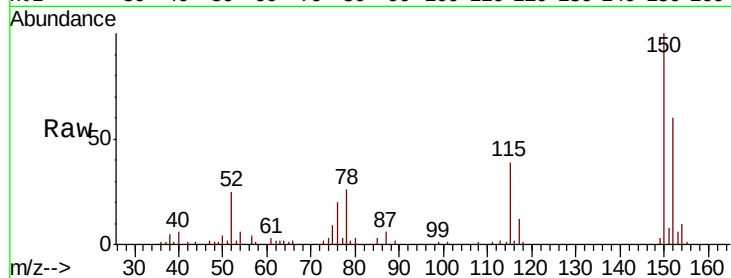
ClientSampleId :

Tot Ion: 75 Resp: 4705

Ion Ratio Lower Upper

75 100

77 39.3 24.6 37.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

