

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080620\
 Data File : VU039763.D
 Acq On : 06 Aug 2020 17:49
 Operator : SY/MD
 Sample : L3572-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 07 04:30:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 04:28:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76303	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33322	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25465	6.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.60%
7) Chloroethane-d5	1.92	69	22713	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.58	63	32416	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.66	46	95738	52.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.66%
24) Chloroform-d	5.08	84	51340	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.72	65	30380	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.75	84	91570	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.70	67	31242	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.91	98	74295	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.19	79	11306	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.64	63	68467	54.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.82%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27696	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	31784	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

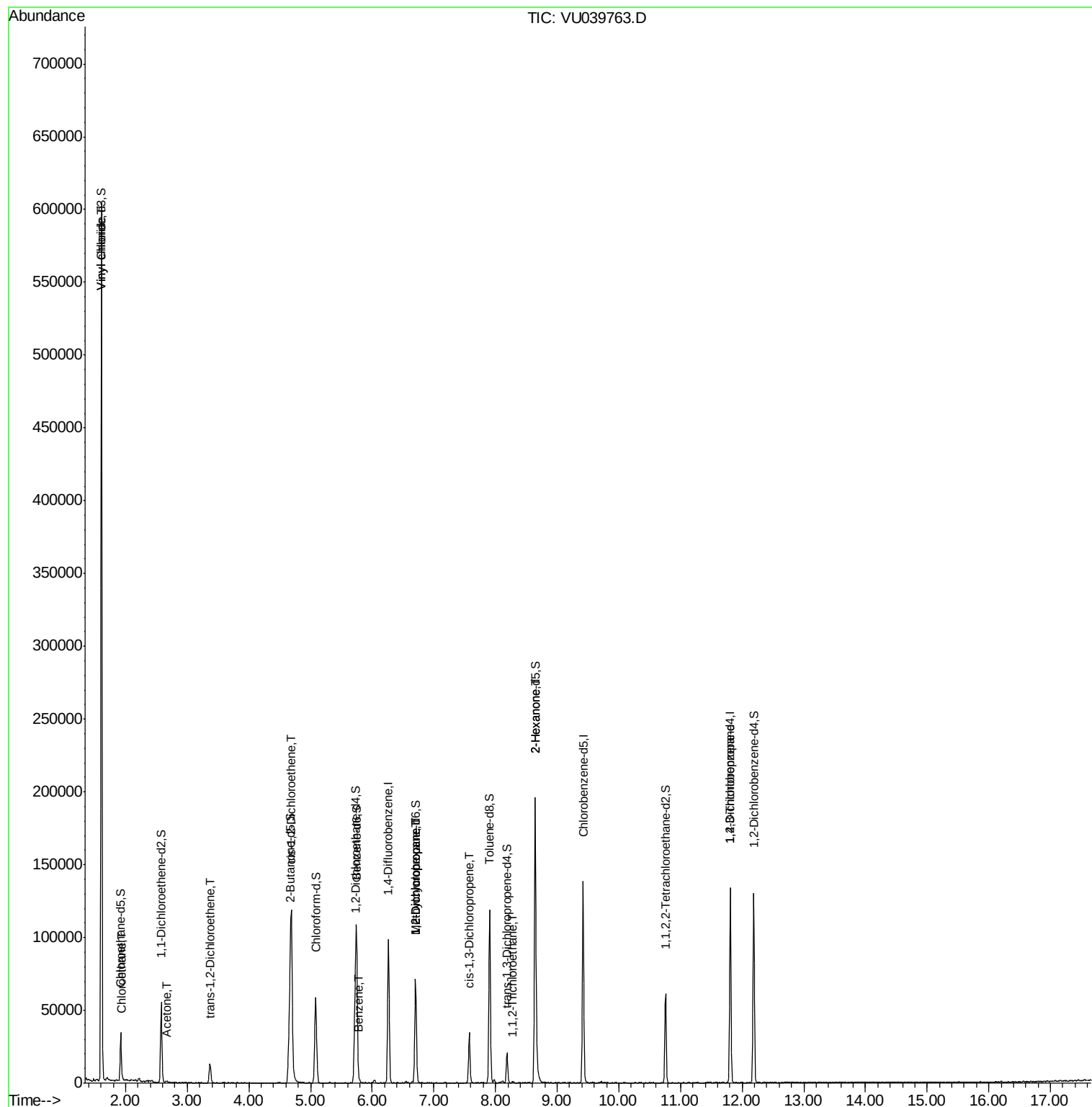
					Ovalue
5) Vinyl chloride	1.61	62	365036	58.839 ug/L	96
8) Chloroethane	1.94	64	1582	0.348 ug/L #	75
13) Acetone	2.67	43	1143	1.070 ug/L	81
18) trans-1,2-Dichloroethene	3.37	96	5498	1.085 ug/L	86
22) cis-1,2-Dichloroethene	4.69	96	48330	8.769 ug/L	99
33) Benzene	5.79	78	2147	0.107 ug/L	100
35) Methylcyclohexane	6.71	83	7299	0.876 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3483	0.652 ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	801	0.110 ug/L #	73
45) 1,1,2-Trichloroethane	8.28	97	768	0.191 ug/L #	18
48) 2-Hexanone	8.64	43	9263	3.216 ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	4349	1.129 ug/L #	74

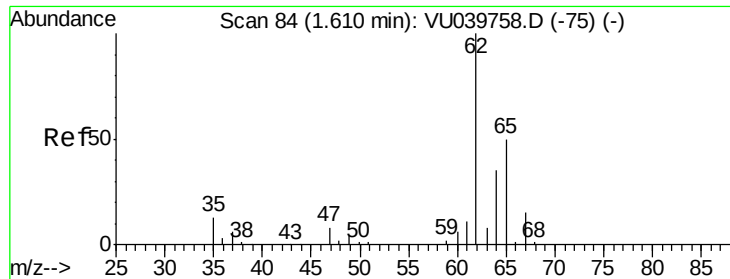
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 58.839 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU039763.D

Acq: 06 Aug 2020 17:49

Instrument :

MSVOA_U

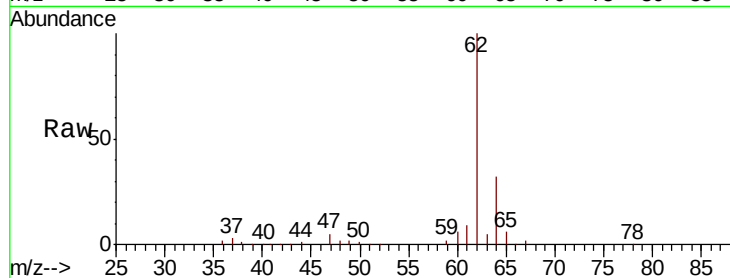
ClientSampleId :

Tot Ion: 62 Resp: 365036

Ion Ratio Lower Upper

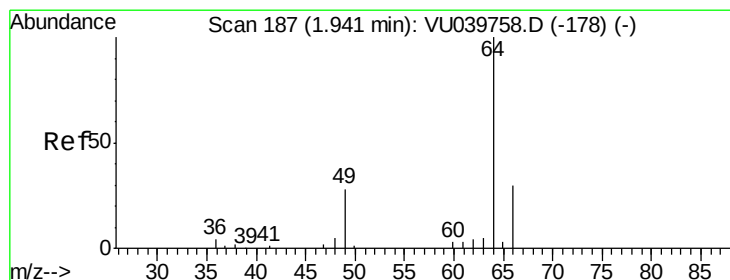
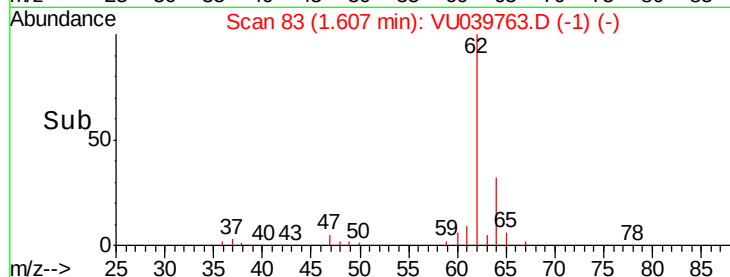
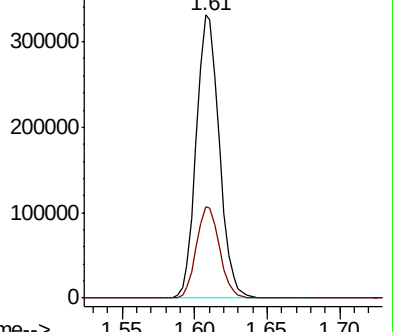
62 100

64 32.2 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU039758.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU039763.D (-94) (-)



#8

Chloroethane

Concen: 0.348 ug/L

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU039763.D

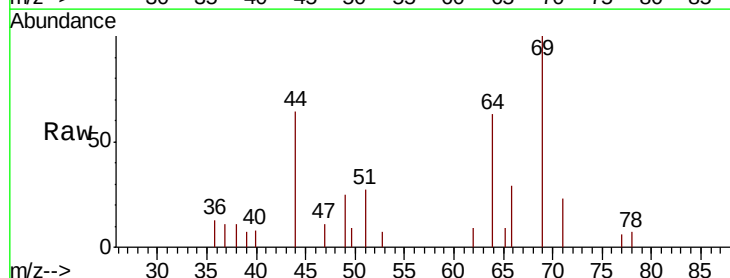
Acq: 06 Aug 2020 17:49

Tgt Ion: 64 Resp: 1582

Ion Ratio Lower Upper

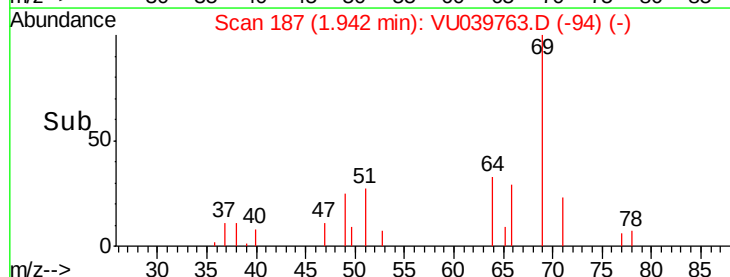
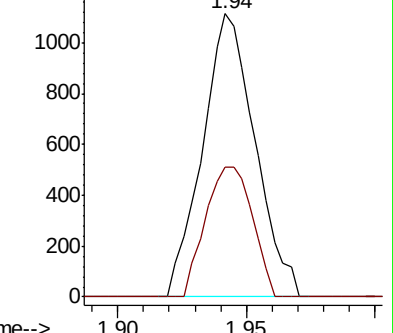
64 100

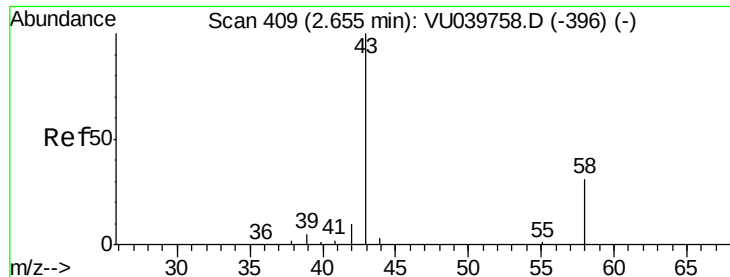
66 45.9 22.3 41.3#



Abundance Ion 64.10 (63.80 to 64.80): VU039758.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU039763.D (-94) (-)

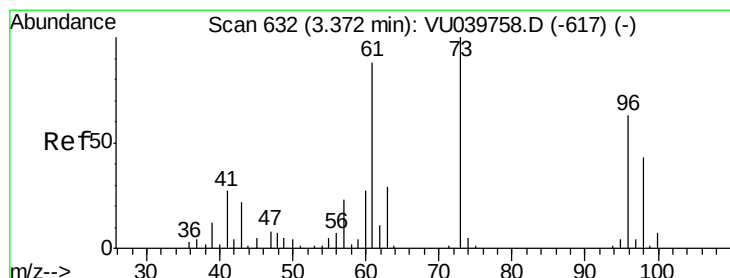
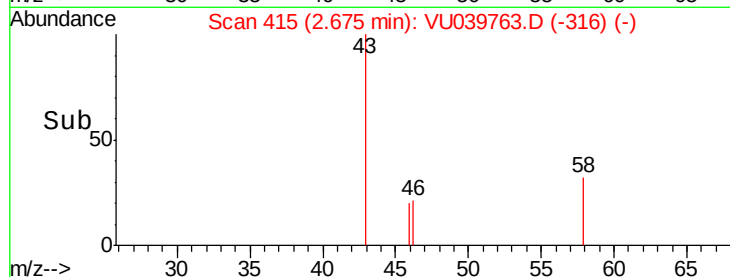
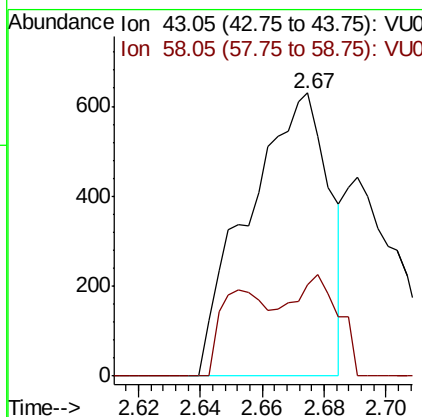
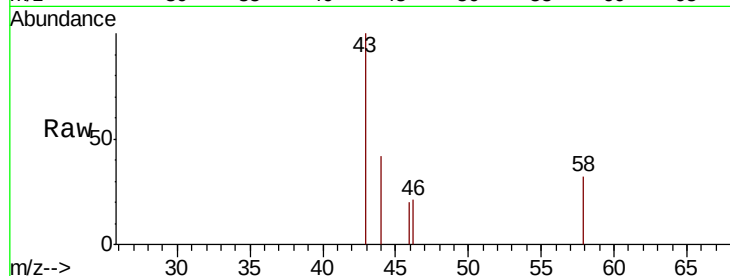




#13
Acetone
Concen: 1.070 ug/L
RT: 2.67 min Scan# 415
Delta R.T. 0.02 min
Lab File: VU039763.D
Acq: 06 Aug 2020 17:49

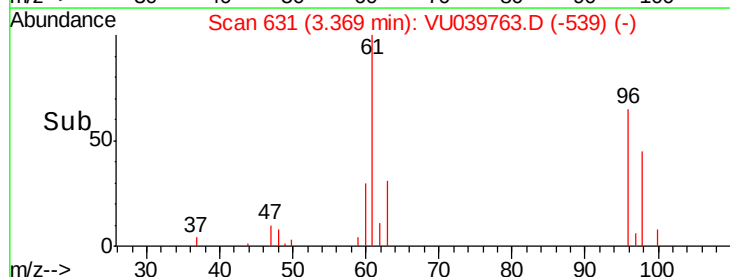
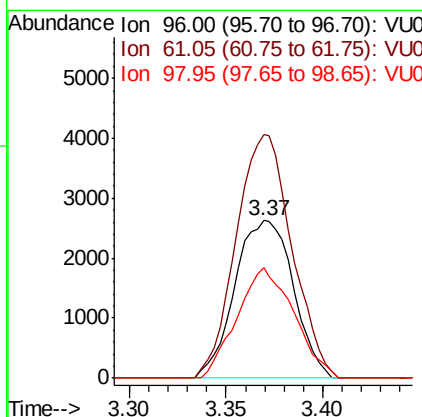
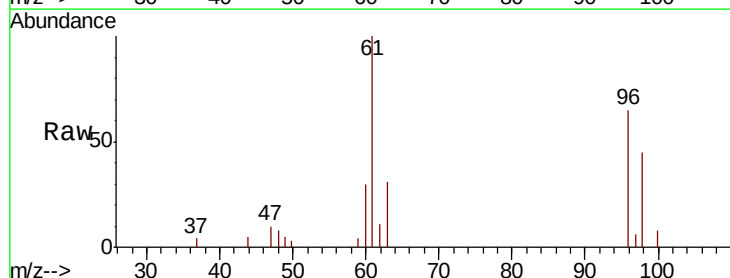
Instrument :
MSVOA_U
ClientSampled :

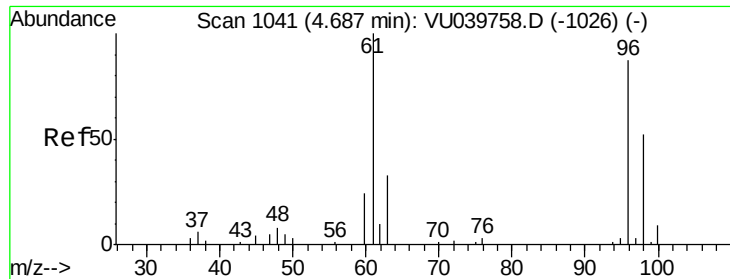
Tot Ion: 43 Resp: 1143
Ion Ratio Lower Upper
43 100
58 20.3 0.0 61.8



#18
trans-1,2-Dichloroethene
Concen: 1.085 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039763.D
Acq: 06 Aug 2020 17:49

Tgt Ion: 96 Resp: 5498
Ion Ratio Lower Upper
96 100
61 154.7 96.5 179.1
98 69.9 40.9 76.0

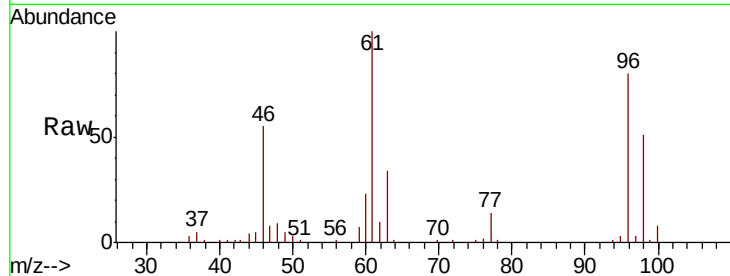




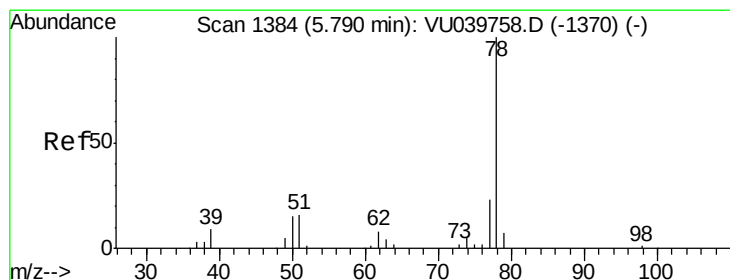
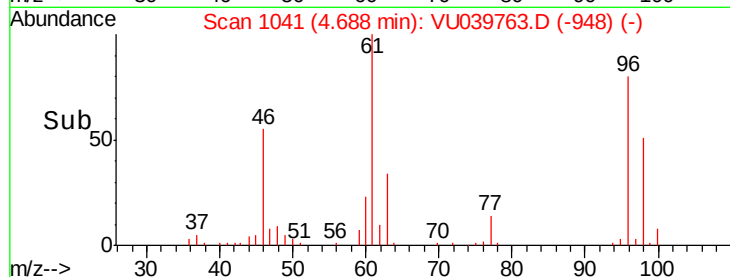
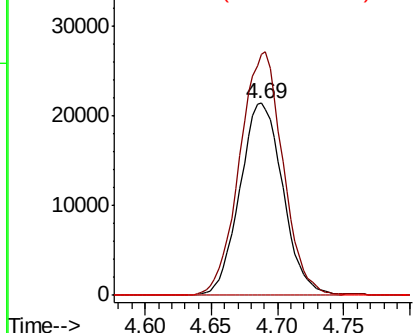
#22
 cis-1,2-Dichloroethene
 Concen: 8.769 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU039763.D
 Acq: 06 Aug 2020 17:49

Instrument :
 MSVOA_U
 ClientSampleId :

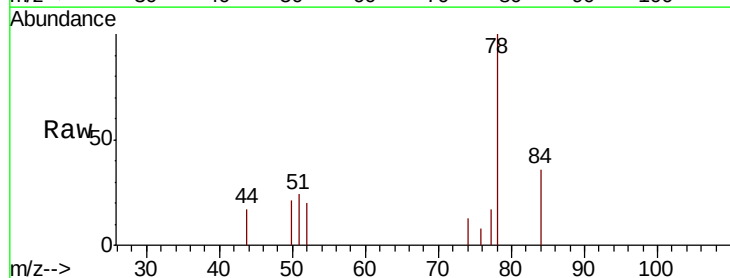
Tot Ion: 96 Resp: 48330
 Ion Ratio Lower Upper
 96 100
 61 125.7 87.4 162.2
 68 0.0 0.0 0.0



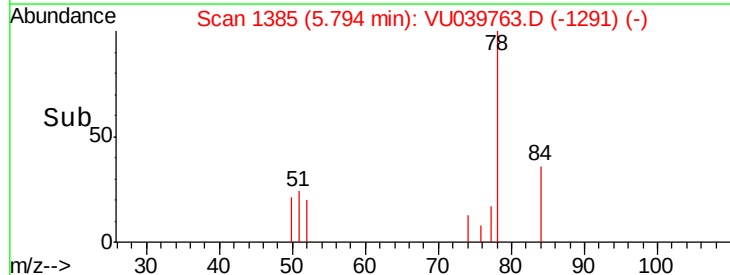
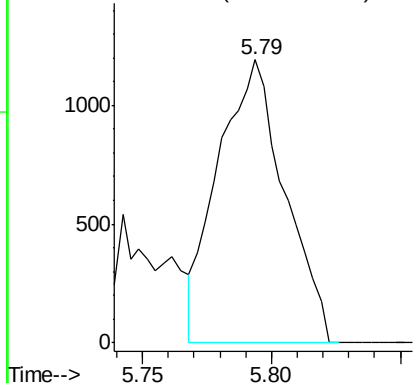
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

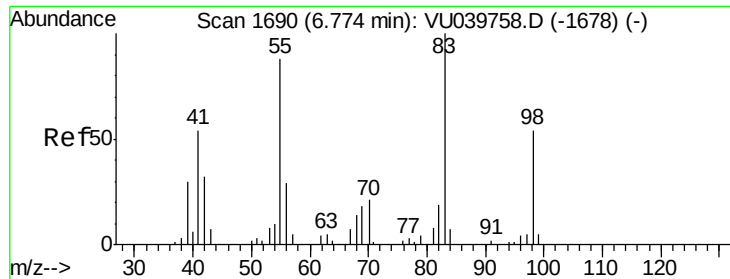


#33
 Benzene
 Concen: 0.107 ug/L
 RT: 5.79 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VU039763.D
 Acq: 06 Aug 2020 17:49
 Tgt Ion: 78 Resp: 2147



Abundance Ion 78.10 (77.80 to 78.80): VU0

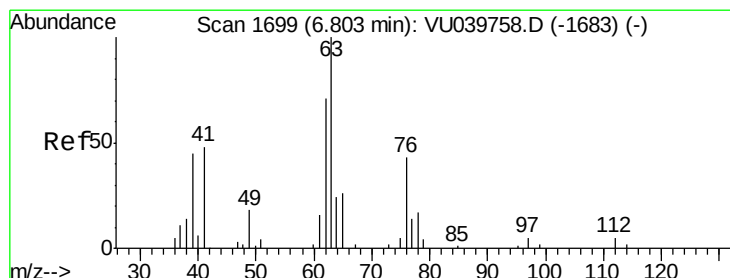
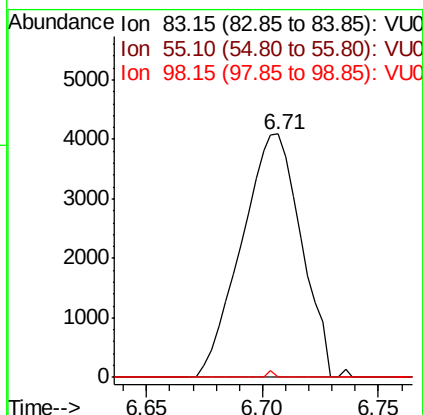
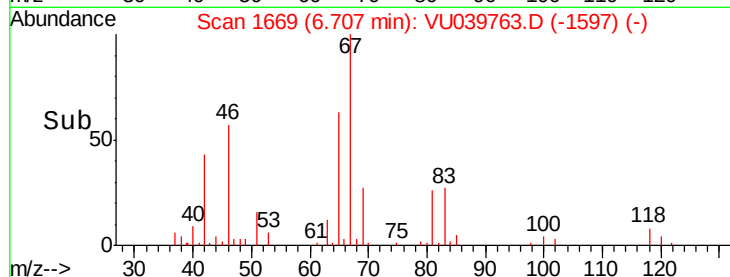
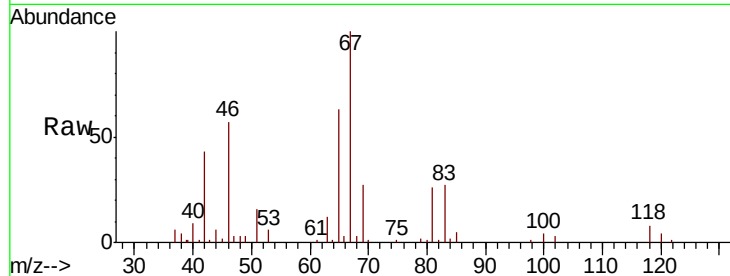




#35
Methylvlcyclohexane
Concen: 0.876 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039763.D
Acq: 06 Aug 2020 17:49

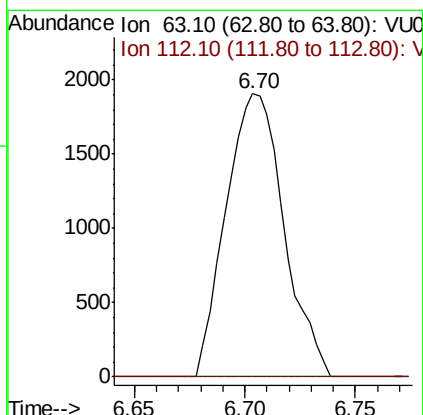
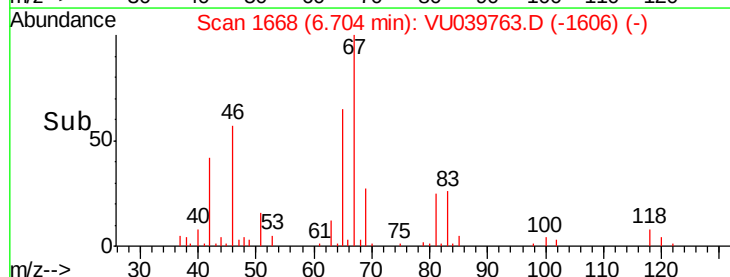
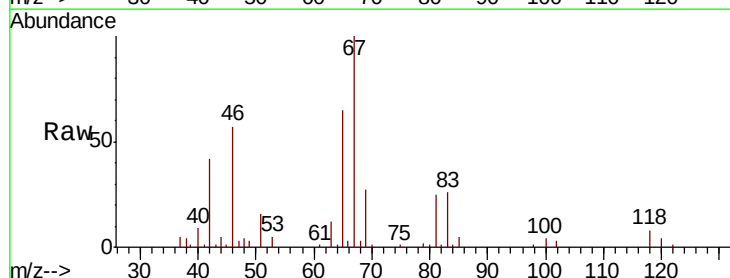
Instrument :
MSVOA_U
ClientSampleId :

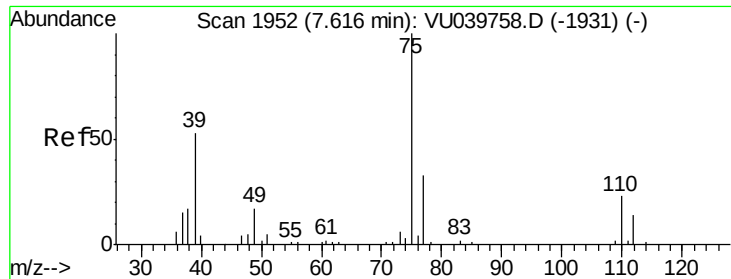
Tot Ion: 83 Resp: 7299
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.3 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039763.D
Acq: 06 Aug 2020 17:49

Tgt Ion: 63 Resp: 3483
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

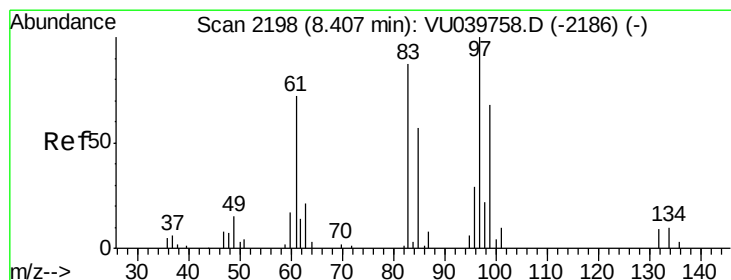
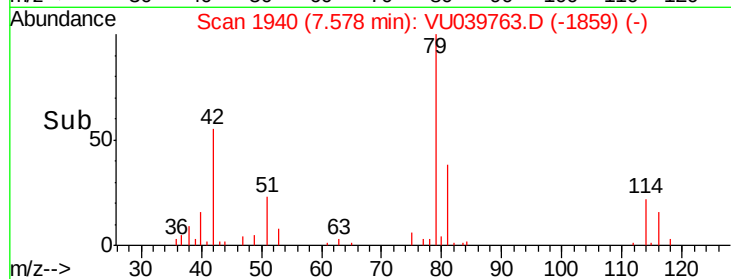
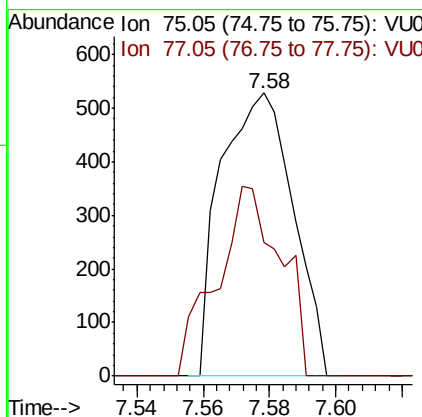
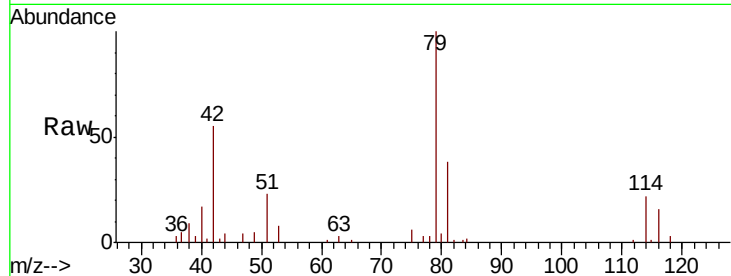




#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039763.D
 Acq: 06 Aug 2020 17:49

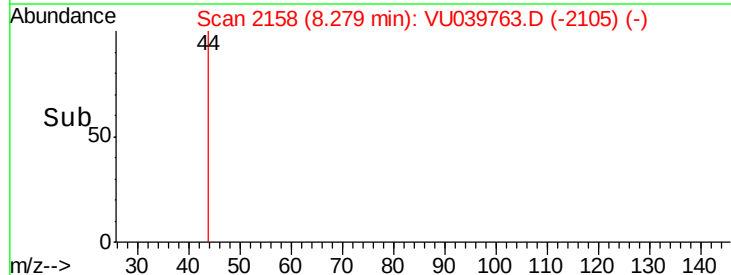
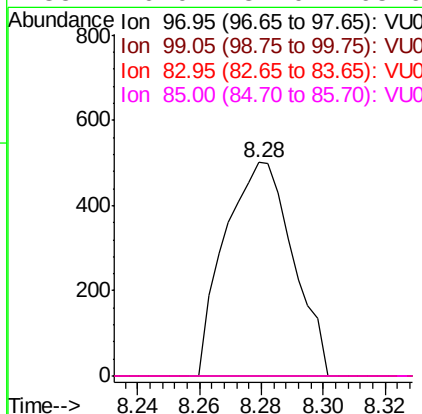
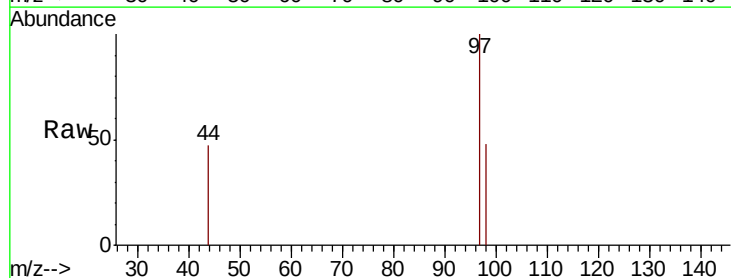
Instrument :
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 ClientSampleId :

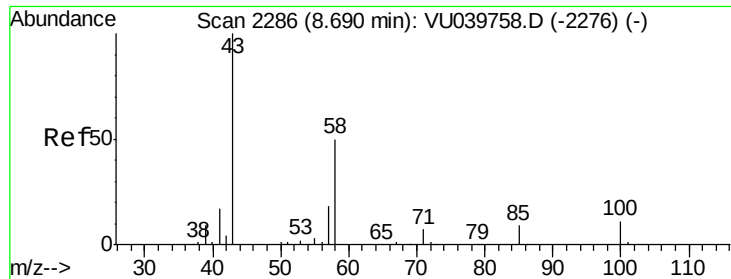
Tot Ion: 75 Resp: 801
 Ion Ratio Lower Upper
 75 100
 77 47.2 22.4 41.6#



#45
 1,1,2-Trichloroethane
 Concen: 0.191 ug/L
 RT: 8.28 min Scan# 2158
 Delta R.T. -0.13 min
 Lab File: VU039763.D
 Acq: 06 Aug 2020 17:49

Tgt Ion: 97 Resp: 768
 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#

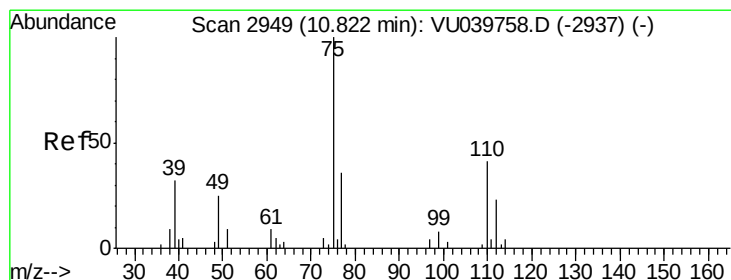
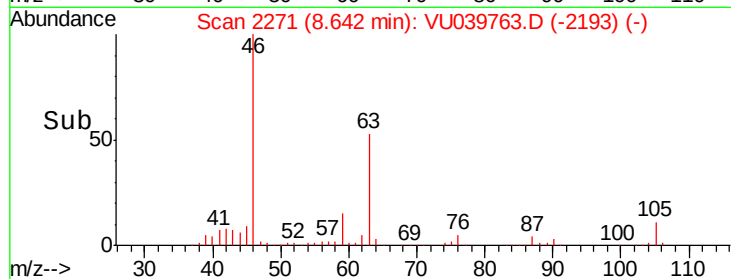
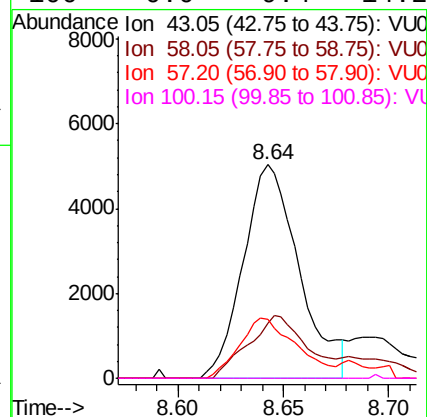
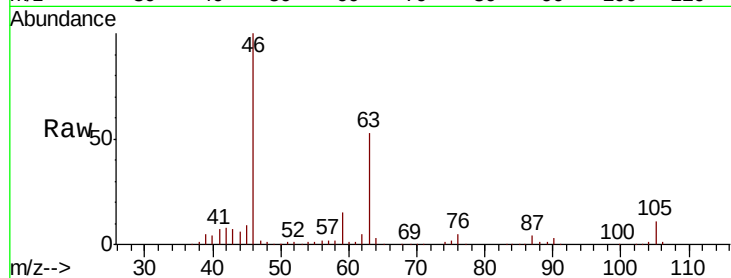




#48
 2-Hexanone
 Concen: 3.216 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU039763.D
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Tot Ion:	43	Resp:	9263
Ion	Ratio	Lower	Upper
43	100		
58	30.6	41.8	62.8#
57	28.9	14.2	21.4#
100	0.0	9.4	14.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.129 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039763.D
 Acq: 06 Aug 2020 17:49

Tgt Ion:	75	Resp:	4349
Ion	Ratio	Lower	Upper
75	100		
77	44.9	24.6	37.0#

