

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040222.D
 Acq On : 18 Sep 2020 19:31
 Operator : SY/MD
 Sample : L4078-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN2

Quant Time: Sep 18 23:24:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 23:20:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116441	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	114174	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48087	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28803	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.93	69	26835	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	63	49630	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.66	46	142603	56.08	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.16%
24) Chloroform-d	5.08	84	72908	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	47285	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.74	84	127924	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.70	67	44782	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.91	98	100758	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.19	79	17463	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	100107	52.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41861	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	42083	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

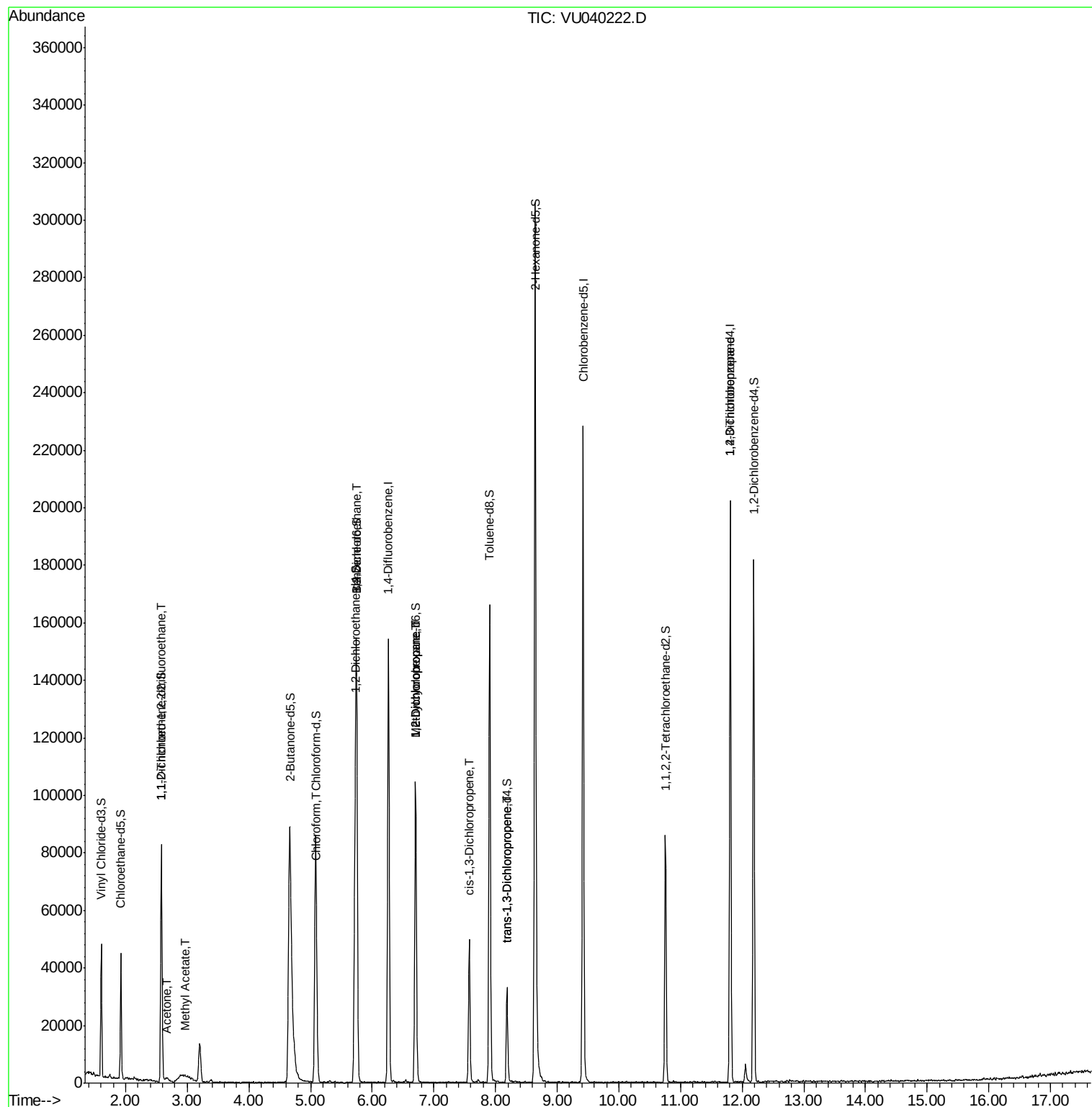
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	467	0.045	ug/L #	22
13) Acetone	2.68	43	2646	1.124	ug/L	51
15) Methyl Acetate	2.97	43	572	0.097	ug/L #	54
25) Chloroform	5.11	83	2718	0.133	ug/L	76
27) 1,2-Dichloroethane	5.74	62	679	0.045	ug/L #	78
35) Methylcyclohexane	6.70	83	10380	0.619	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5083	0.460	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1272	0.078	ug/L #	76
44) trans-1,3-Dichloropropene	8.18	75	902	0.060	ug/L #	62
59) 1,2,3-Trichloropropane	11.81	75	6938	0.847	ug/L	90

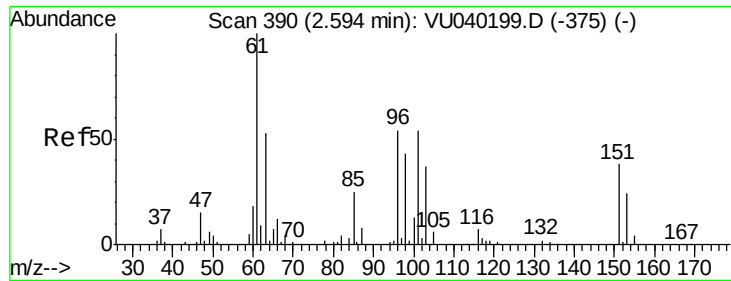
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.045 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040222.D

Acq: 18 Sep 2020 19:31

Instrument :

MSVOA_U

ClientSampleId :

C0AN2

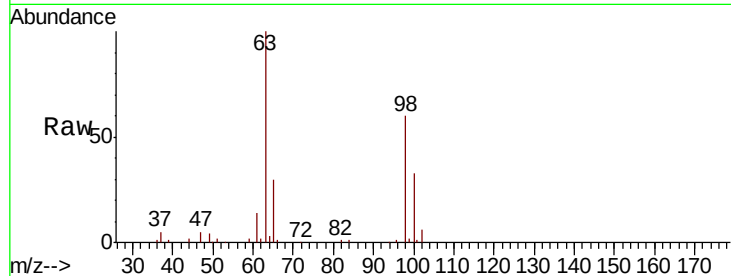
Tot Ion:101 Resp: 467

Ion Ratio Lower Upper

101 100

85 0.0 37.7 56.5#

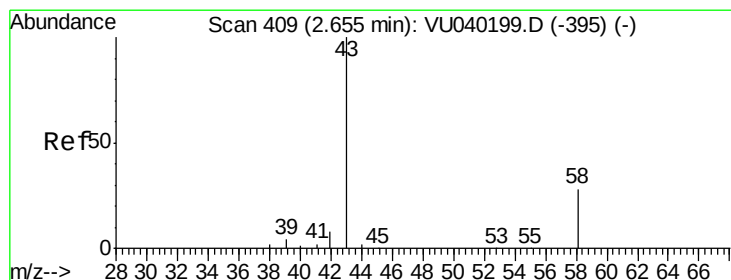
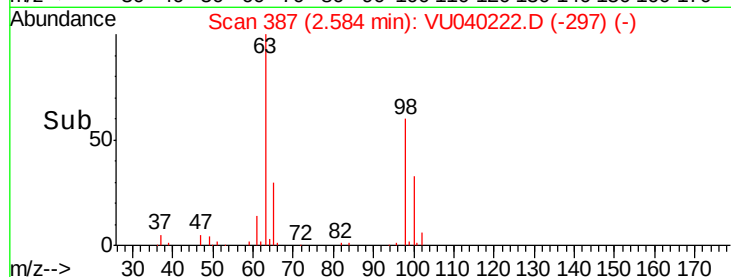
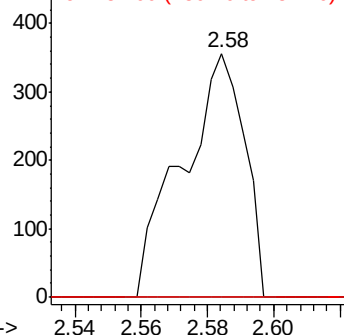
151 0.0 53.9 80.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.124 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.02 min

Lab File: VU040222.D

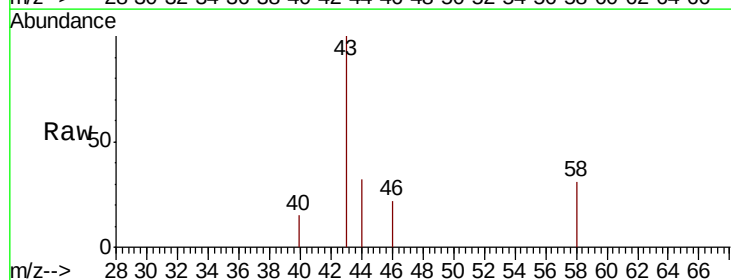
Acq: 18 Sep 2020 19:31

Tgt Ion: 43 Resp: 2646

Ion Ratio Lower Upper

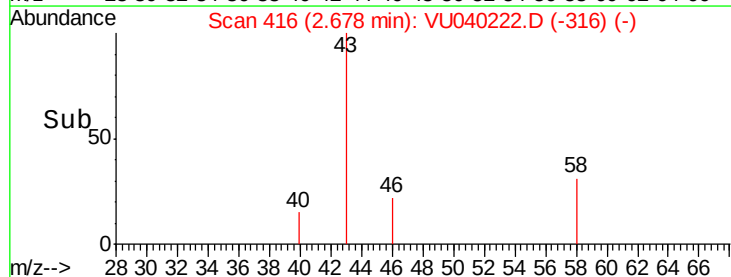
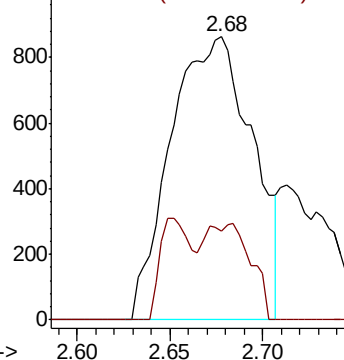
43 100

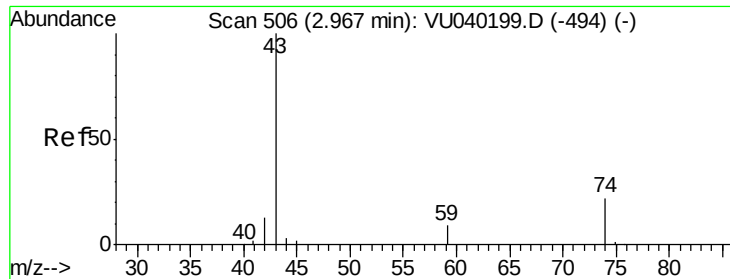
58 2.2 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

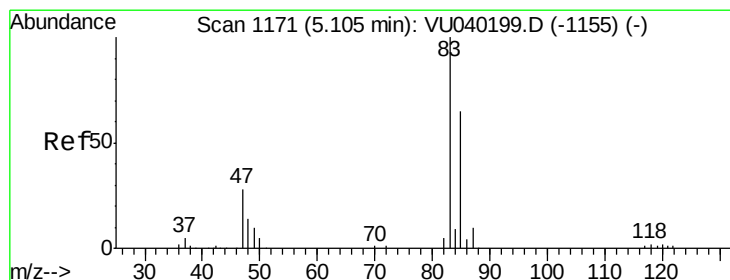
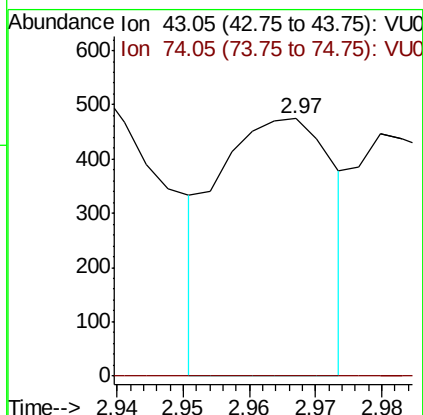
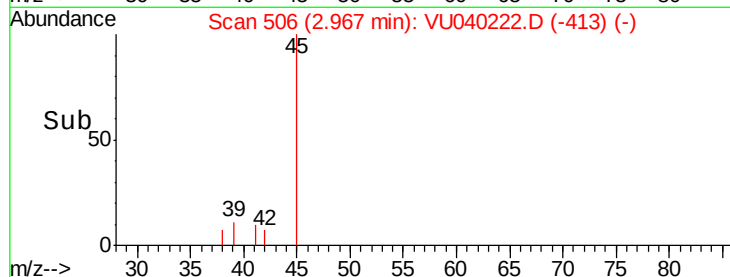
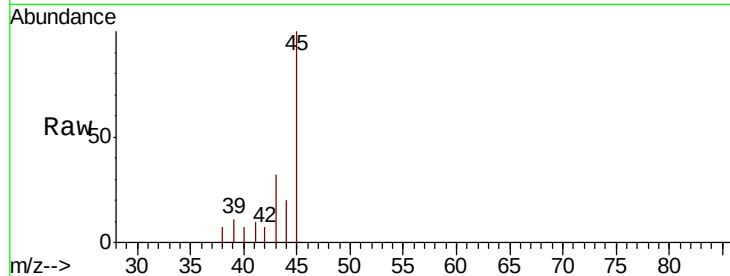




#15
Methvl Acetate
Concen: 0.097 ug/L
RT: 2.97 min Scan# 506
Delta R.T. -0.00 min
Lab File: VU040222.D
Acq: 18 Sep 2020 19:31

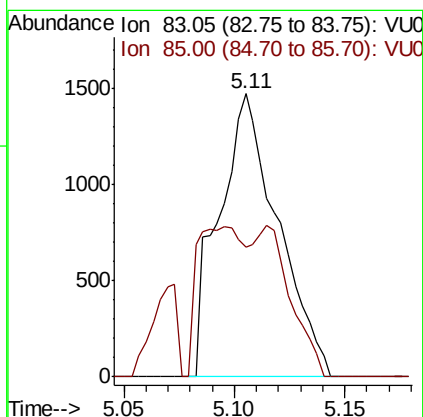
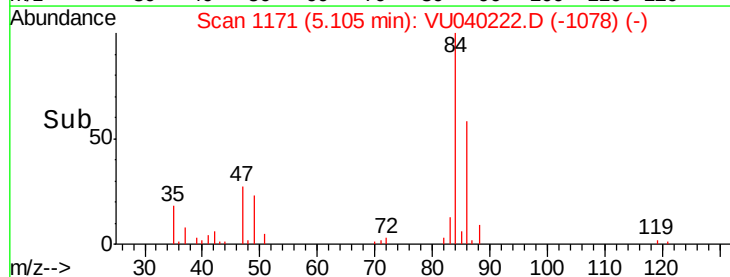
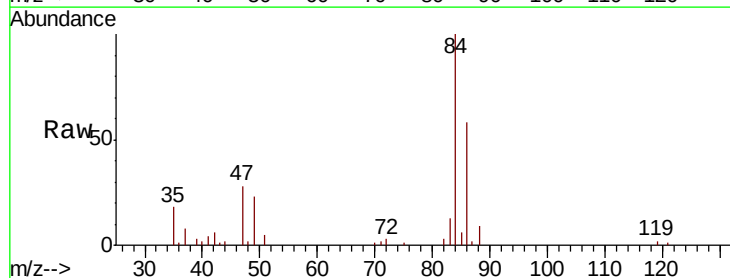
Instrument :
MSVOA_U
ClientSampled :
COAN2

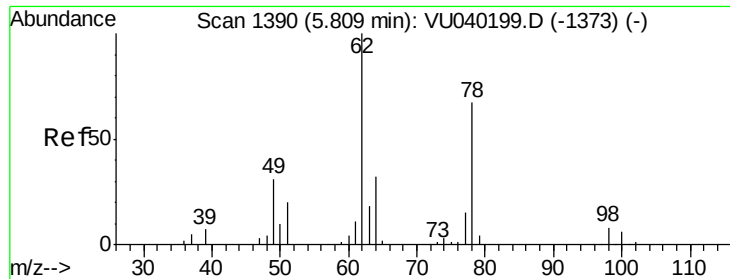
Tot Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#25
Chloroform
Concen: 0.133 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040222.D
Acq: 18 Sep 2020 19:31

Tgt Ion: 83 Resp: 2718
Ion Ratio Lower Upper
83 100
85 45.9 45.3 84.1

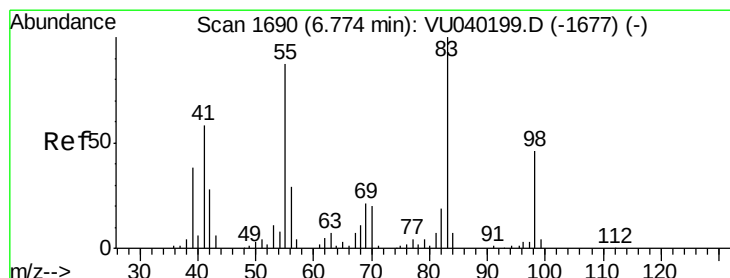
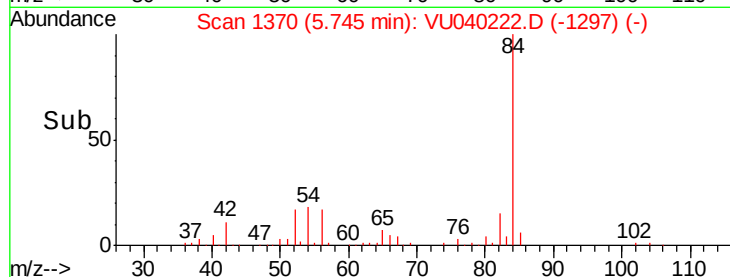
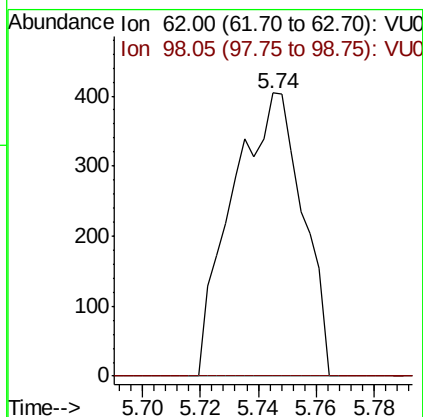
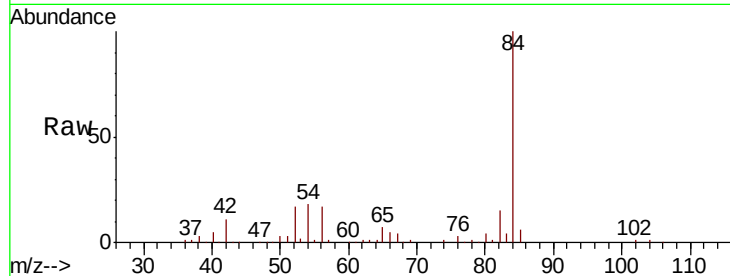




#27
 1,2-Dichloroethane
 Concen: 0.045 ug/L
 RT: 5.74 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU040222.D
 Acq: 18 Sep 2020 19:31

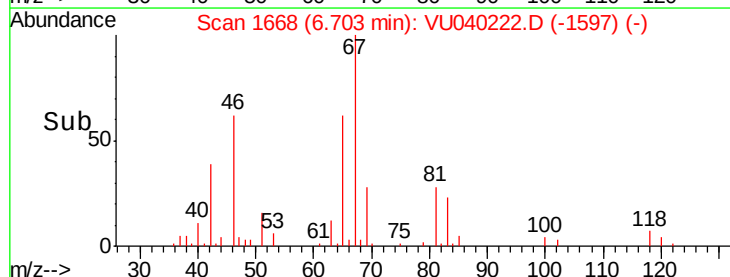
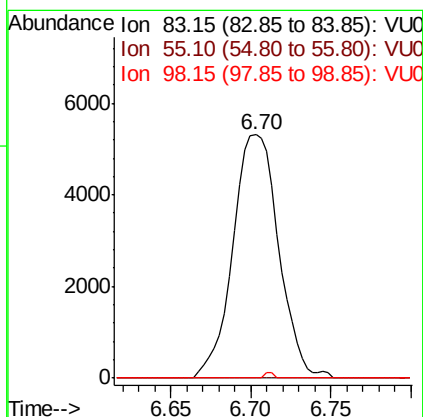
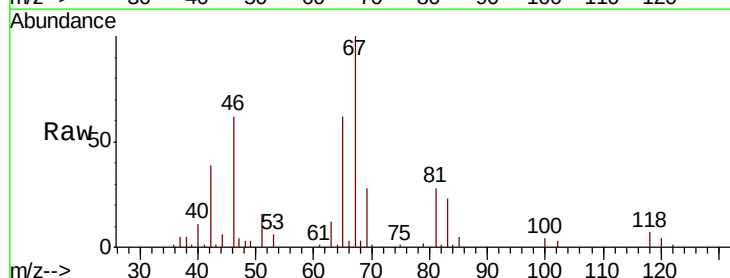
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN2

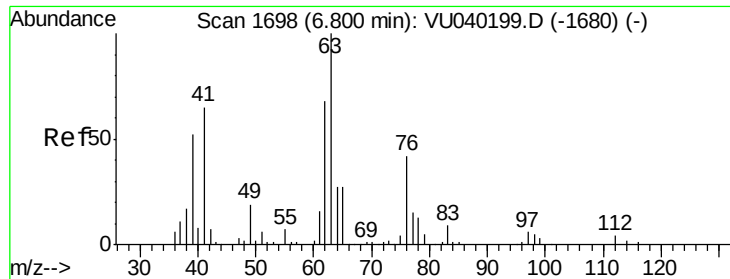
Tot Ion: 62 Resp: 679
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.1 9.1#



#35
 Methylcyclohexane
 Concen: 0.619 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040222.D
 Acq: 18 Sep 2020 19:31

Tgt Ion: 83 Resp: 10380
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.5 105.7#
 98 0.4 37.8 56.6#

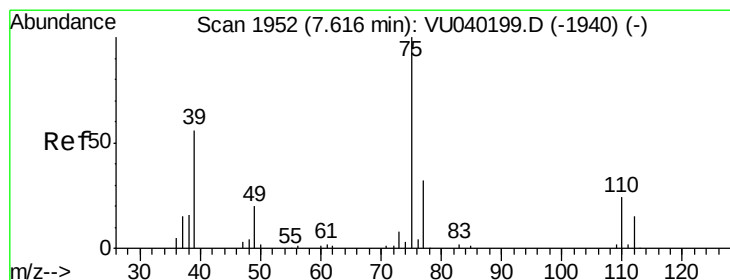
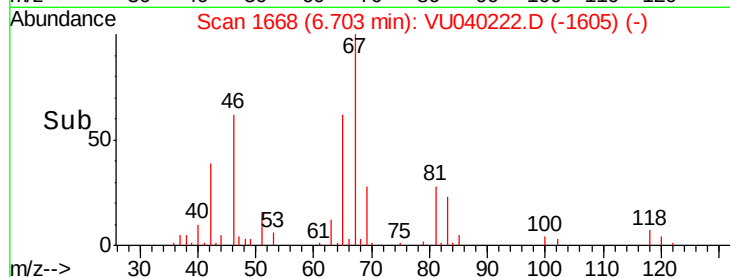
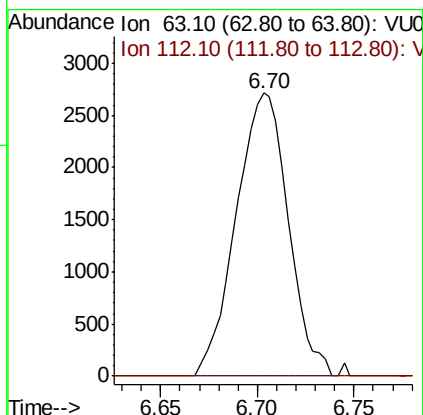
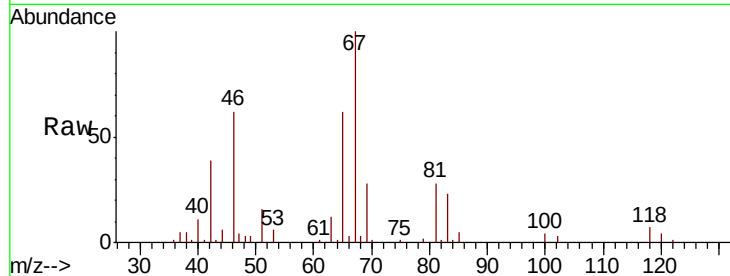




#37
 1,2-Dichloropropane
 Concen: 0.460 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040222.D
 Acq: 18 Sep 2020 19:31

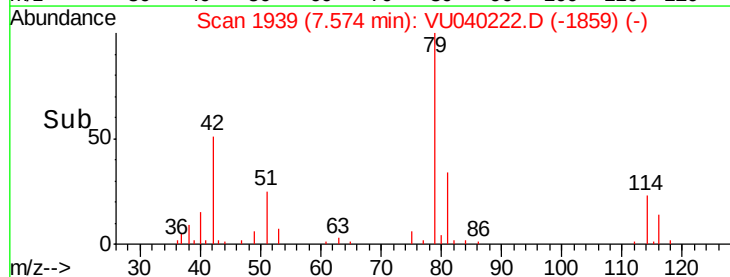
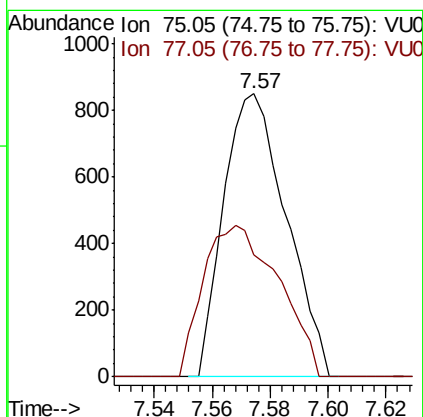
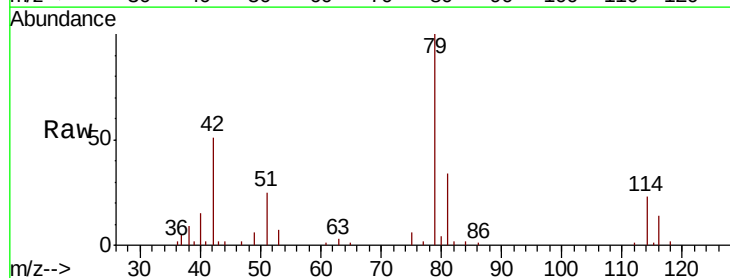
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN2

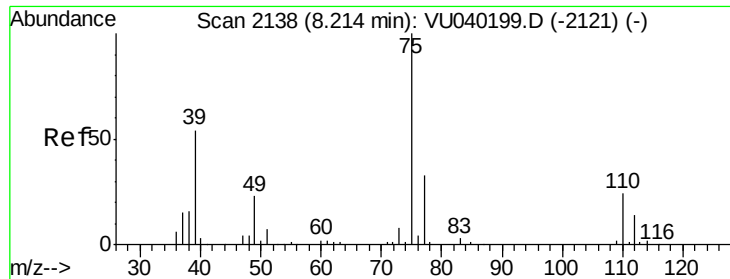
Tot Ion: 63 Resp: 5083
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040222.D
 Acq: 18 Sep 2020 19:31

Tgt Ion: 75 Resp: 1272
 Ion Ratio Lower Upper
 75 100
 77 43.3 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.060 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040222.D

Acq: 18 Sep 2020 19:31

Instrument :

MSVOA_U

ClientSampleId :

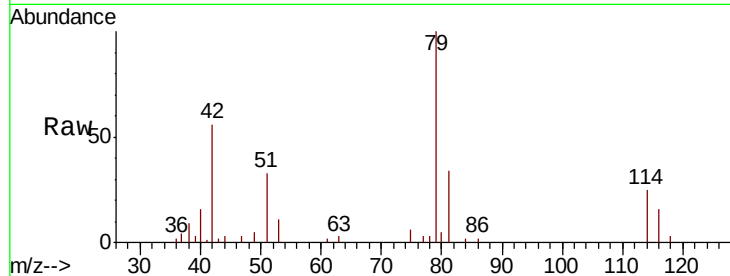
C0AN2

Tot Ion: 75 Resp: 902

Ion Ratio Lower Upper

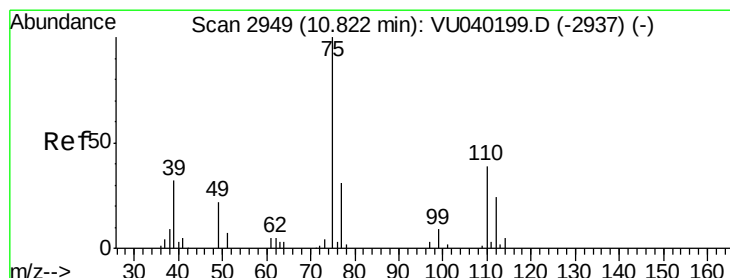
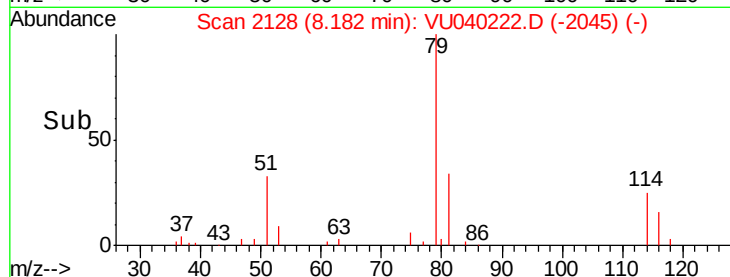
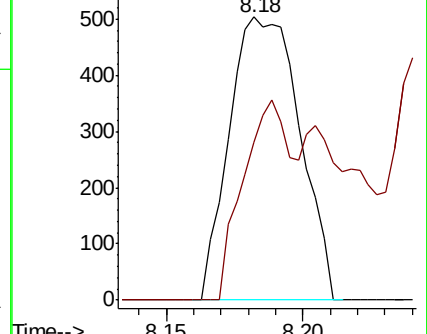
75 100

77 55.7 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.847 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040222.D

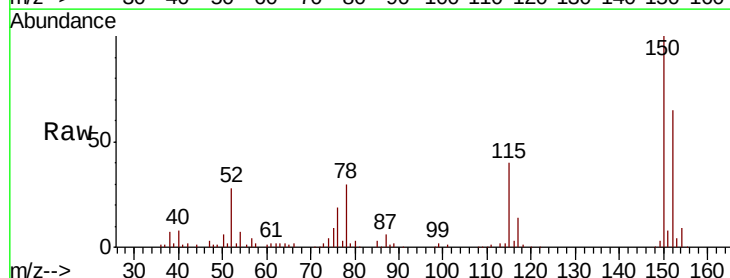
Acq: 18 Sep 2020 19:31

Tgt Ion: 75 Resp: 6938

Ion Ratio Lower Upper

75 100

77 36.8 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

