

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041538.D
 Acq On : 10 Dec 2020 15:54
 Operator : SY/MD
 Sample : L4995-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AS6

Quant Time: Dec 11 06:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 06:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	48939	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	49472	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24735	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	7347	2.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.40%
7) Chloroethane-d5	1.92	69	8597	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.58	63	15603	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	4.66	46	36640	38.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.74%
24) Chloroform-d	5.08	84	30438	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.72	65	19967	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	5.74	84	44341	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.70	67	12023	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.60%
41) Toluene-d8	7.91	98	41205	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	8.19	79	7735	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.64	63	27920	35.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	13580	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	20395	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

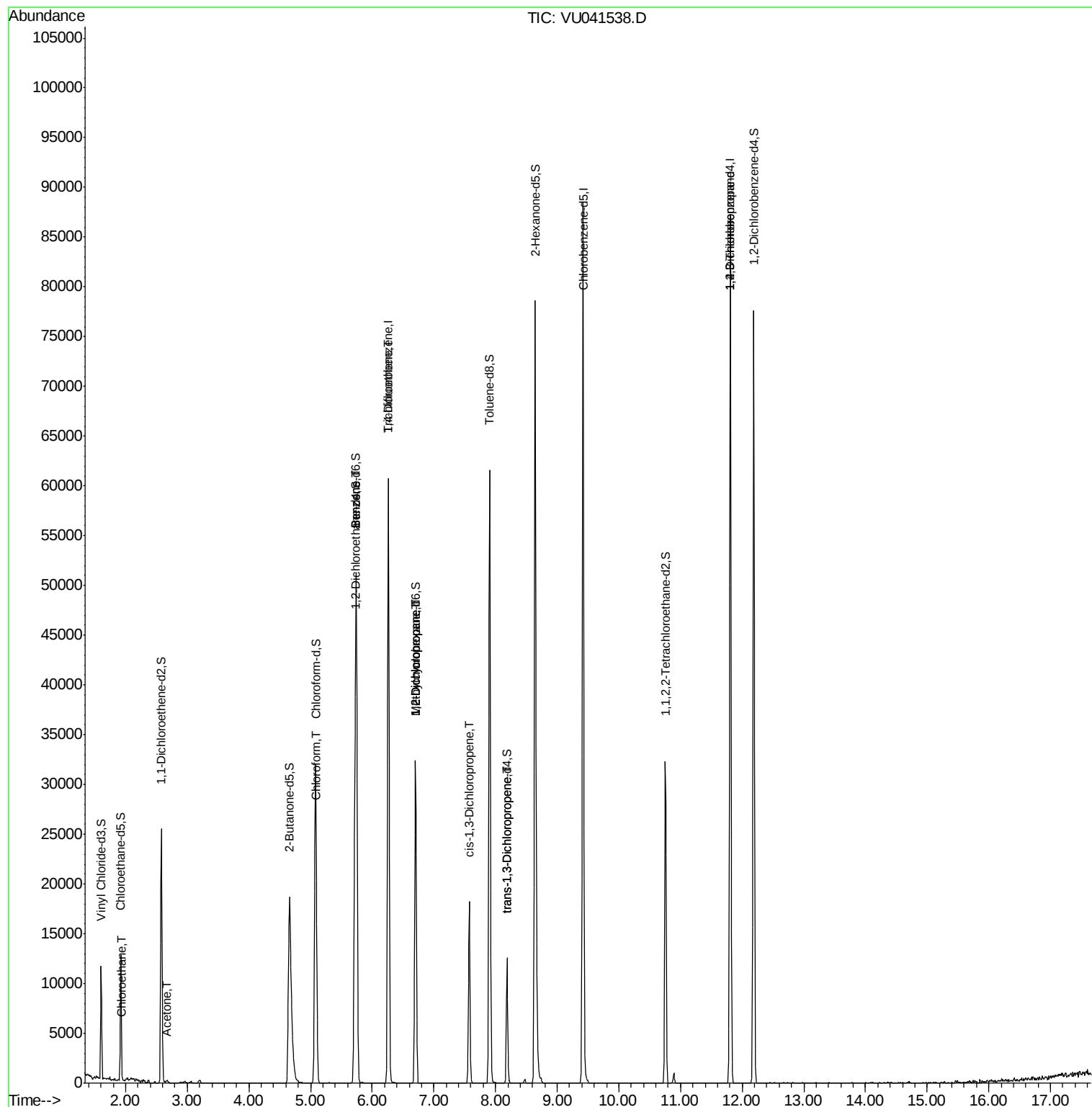
					Ovalue
8) Chloroethane	1.95	64	107	0.049 ug/L #	45
13) Acetone	2.67	43	652	0.888 ug/L #	50
25) Chloroform	5.10	83	450	0.066 ug/L	92
33) Benzene	5.74	78	337	0.028 ug/L	100
34) Trichloroethene	6.26	95	879	0.238 ug/L #	6
35) Methylcyclohexane	6.70	83	3890	0.772 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1946	0.678 ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	523	0.101 ug/L #	69
44) trans-1,3-Dichloropropene	8.19	75	395	0.076 ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	2132	0.766 ug/L #	73

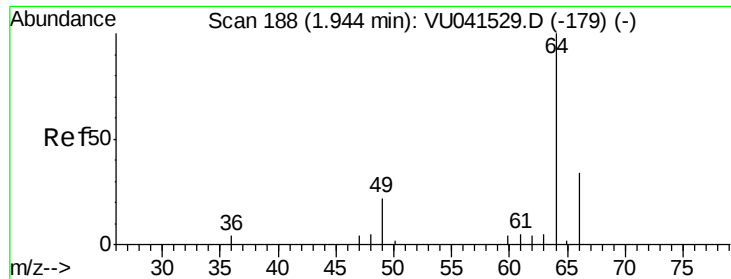
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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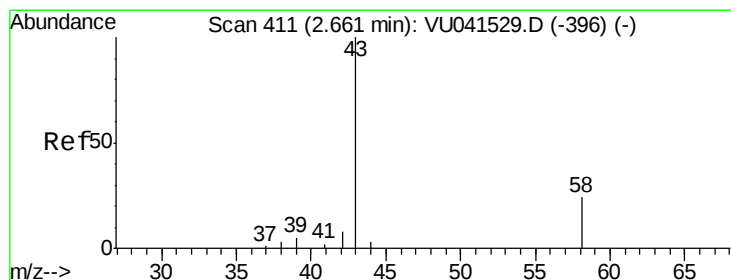
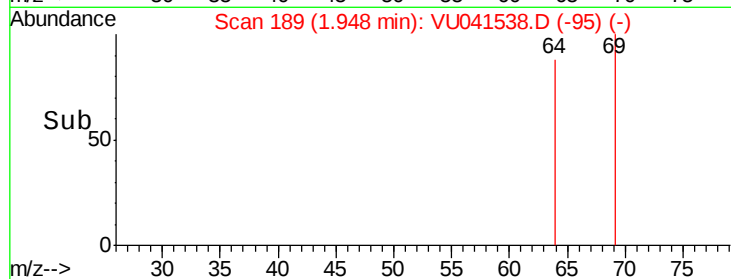
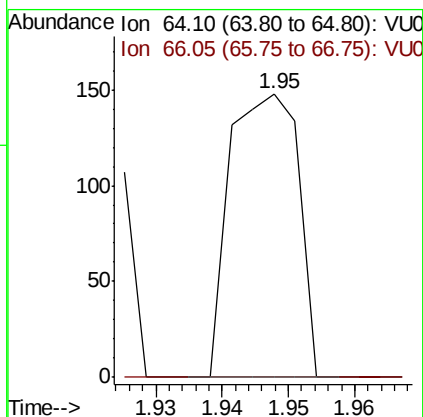
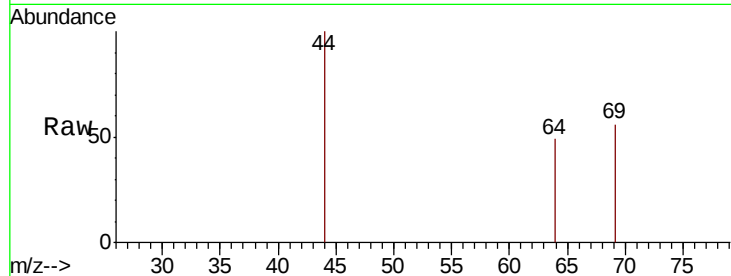




#8
Chloroethane
Concen: 0.049 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU041538.D
Acq: 10 Dec 2020 15:54

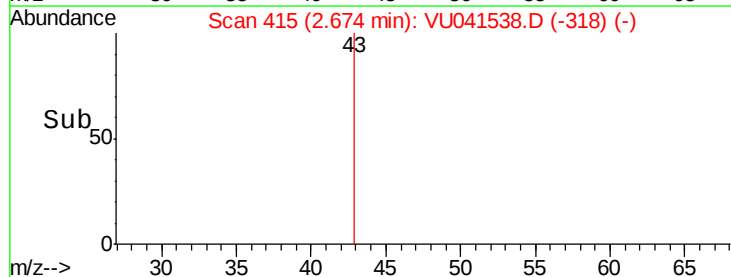
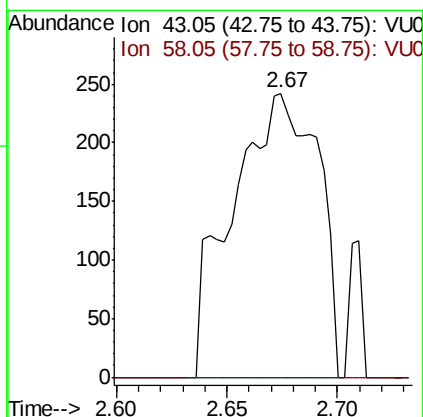
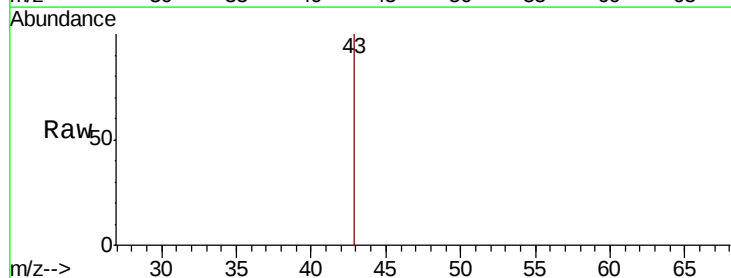
Instrument :
MSVOA_U
ClientSampleId :
C0AS6

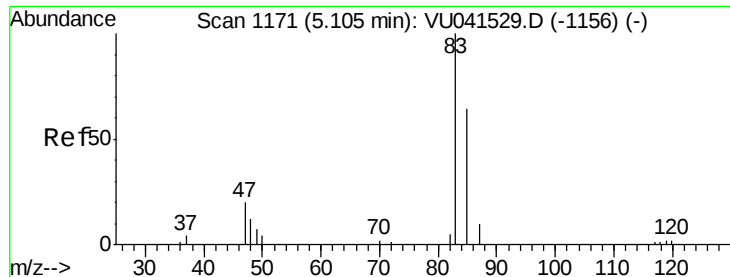
Tot Ion: 64 Resp: 107
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#13
Acetone
Concen: 0.888 ug/L
RT: 2.67 min Scan# 415
Delta R.T. 0.01 min
Lab File: VU041538.D
Acq: 10 Dec 2020 15:54

Tgt Ion: 43 Resp: 652
Ion Ratio Lower Upper
43 100
58 0.0 0.0 50.0

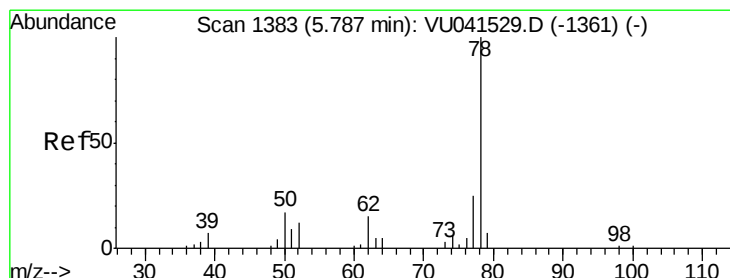
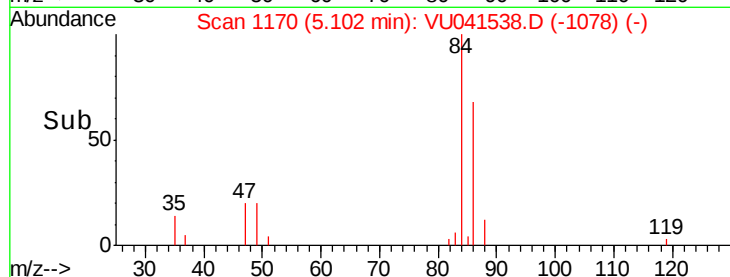
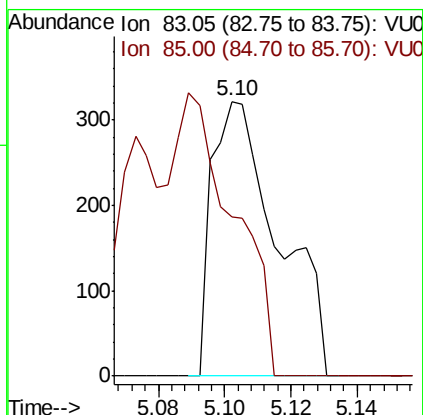
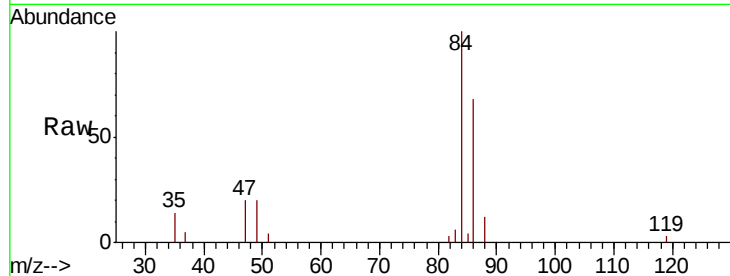




#25
Chloroform
Concen: 0.066 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041538.D
Acq: 10 Dec 2020 15:54

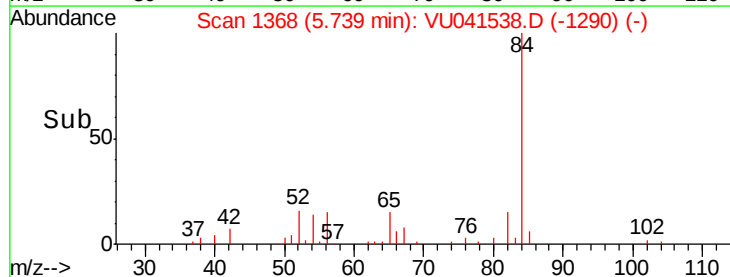
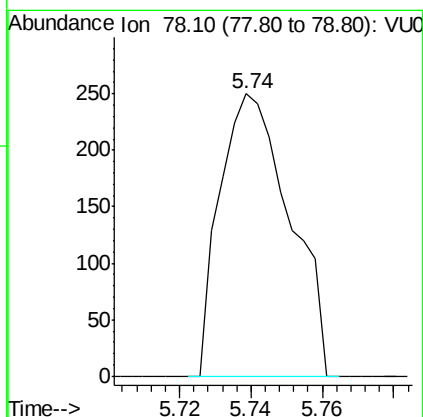
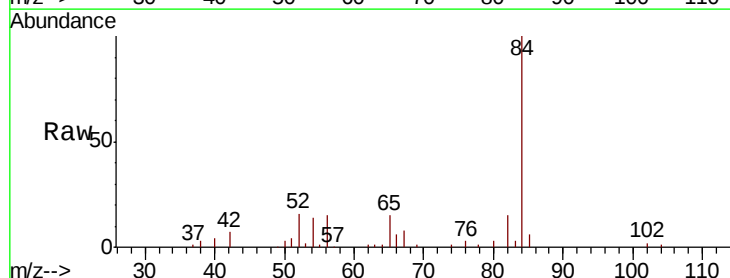
Instrument :
MSVOA_U
ClientSampleId :
C0AS6

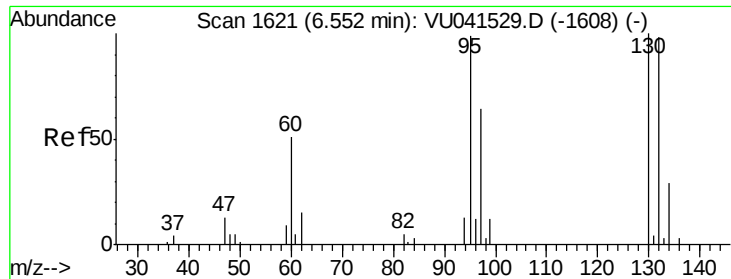
Tot Ion: 83 Resp: 450
Ion Ratio Lower Upper
83 100
85 57.8 44.7 82.9



#33
Benzene
Concen: 0.028 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VU041538.D
Acq: 10 Dec 2020 15:54

Tgt Ion: 78 Resp: 337

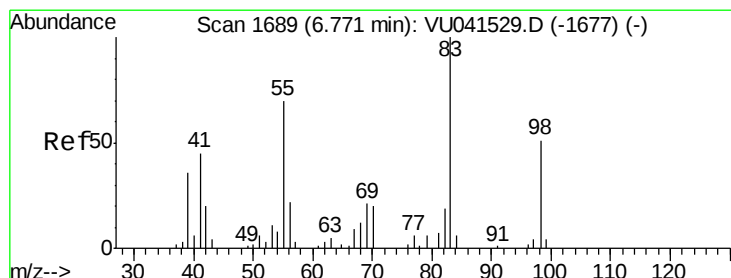
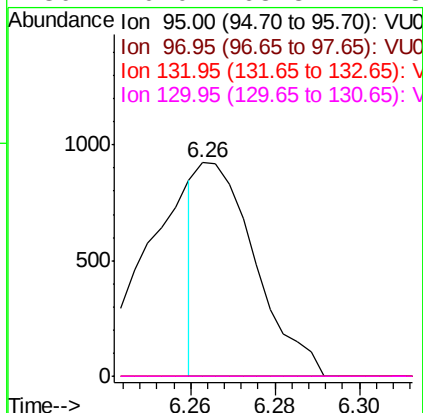
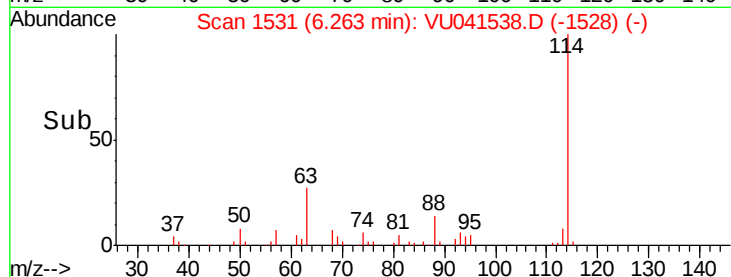
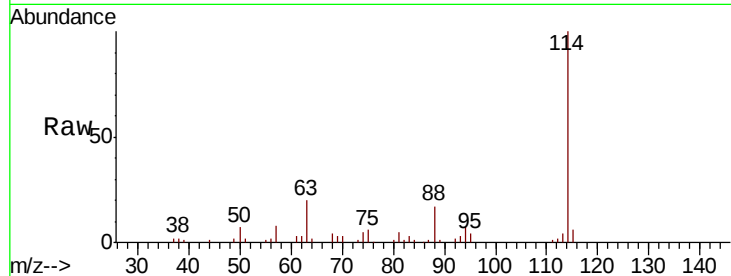




#34
 Trichloroethene
 Concen: 0.238 ug/L
 RT: 6.26 min Scan# 1531
 Delta R.T. -0.29 min
 Lab File: VU041538.D
 Acq: 10 Dec 2020 15:54

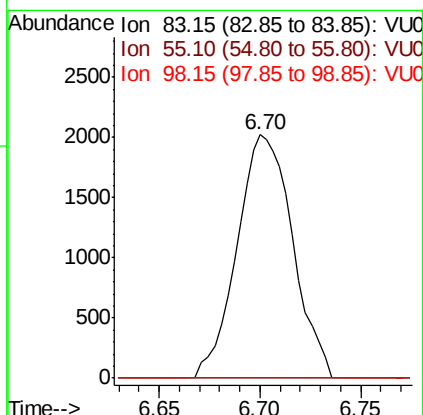
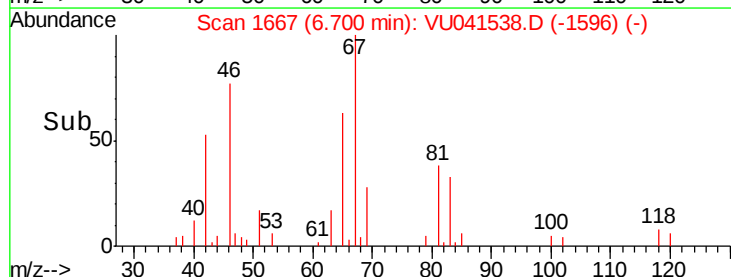
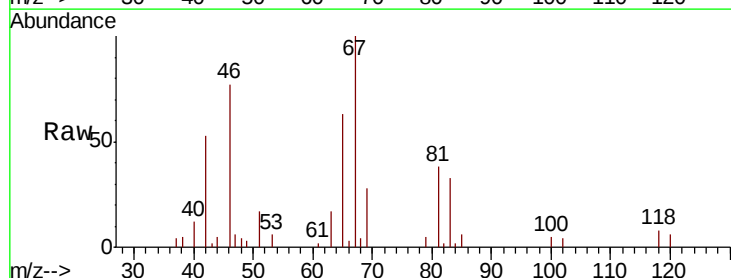
Instrument :
 MSVOA_U
 ClientSampleId :
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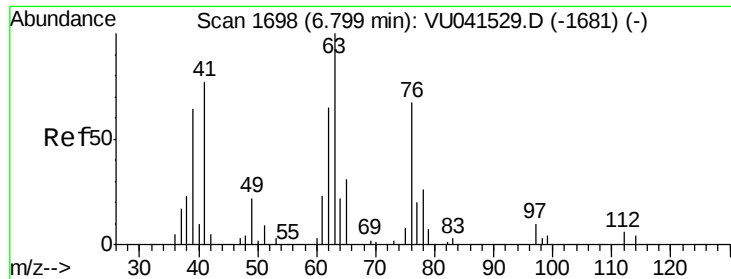
Tot Ion: 95 Resp: 879
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.7 83.1#
 132 0.0 65.7 121.9#
 130 0.0 68.8 127.8#



#35
 Methylcyclohexane
 Concen: 0.772 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU041538.D
 Acq: 10 Dec 2020 15:54

Tgt Ion: 83 Resp: 3890
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.1 93.1#
 98 0.0 38.7 58.1#

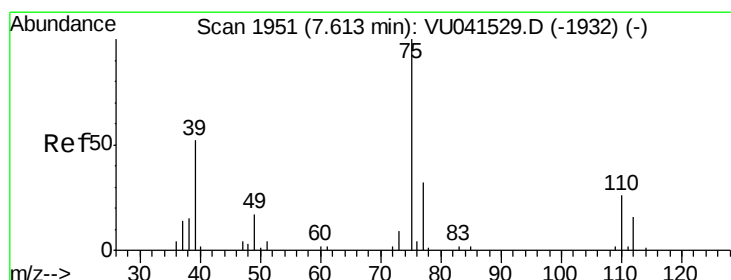
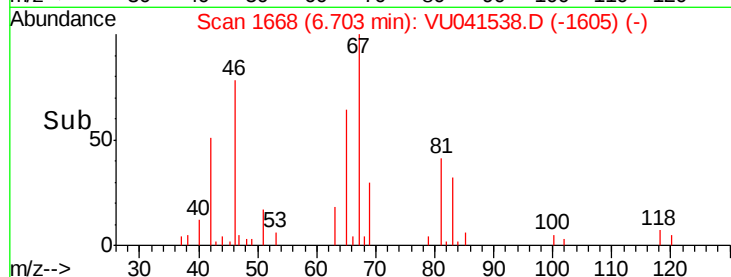
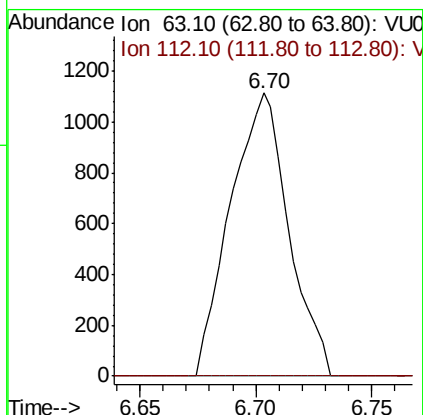
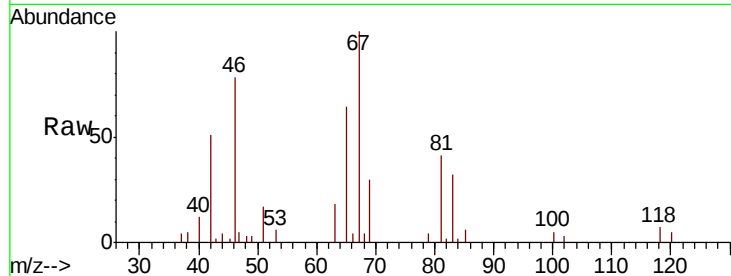




#37
 1,2-Dichloropropane
 Concen: 0.678 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041538.D
 Acq: 10 Dec 2020 15:54

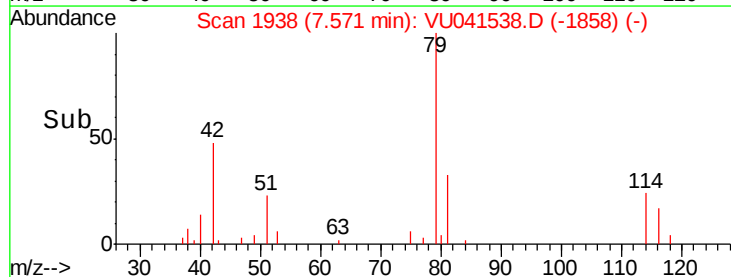
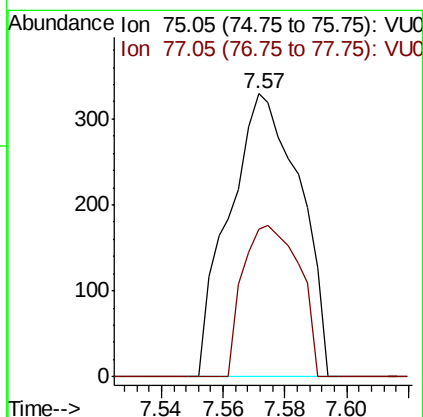
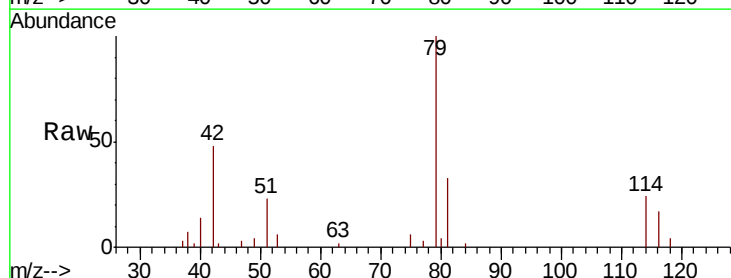
Instrument :
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 ClientSampled :
 C0AS6

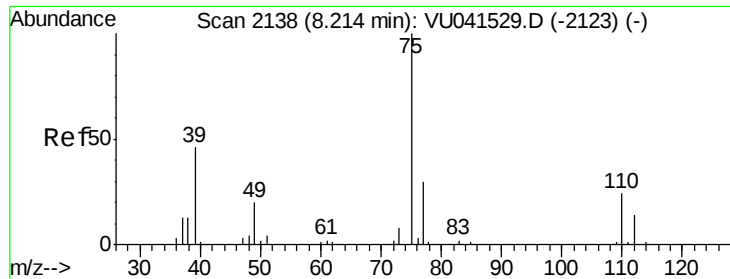
Tot Ion: 63 Resp: 1946
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041538.D
 Acq: 10 Dec 2020 15:54

Tgt Ion: 75 Resp: 523
 Ion Ratio Lower Upper
 75 100
 77 52.3 24.0 44.6#





#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041538.D

Acq: 10 Dec 2020 15:54

Instrument :

MSVOA_U

ClientSampleId :

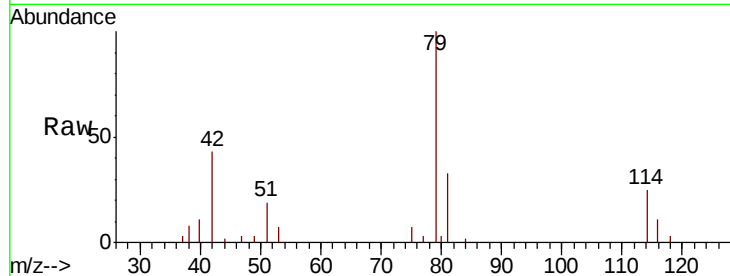
C0AS6

Tot Ion: 75 Resp: 395

Ion Ratio Lower Upper

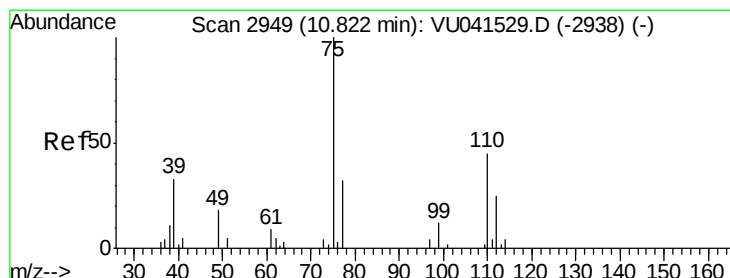
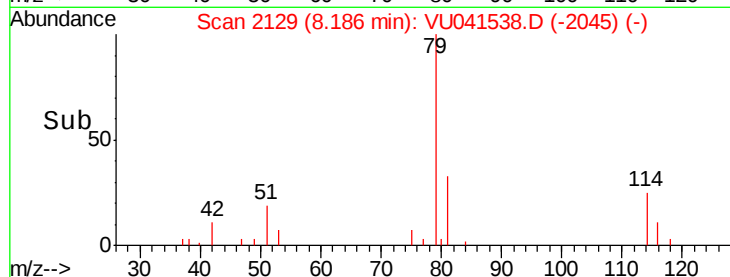
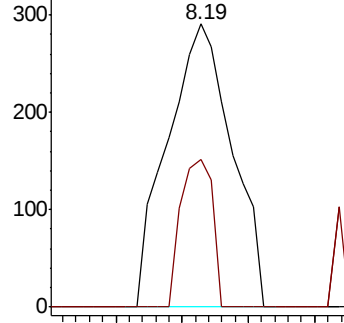
75 100

77 51.9 22.7 42.3#



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: 0.766 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041538.D

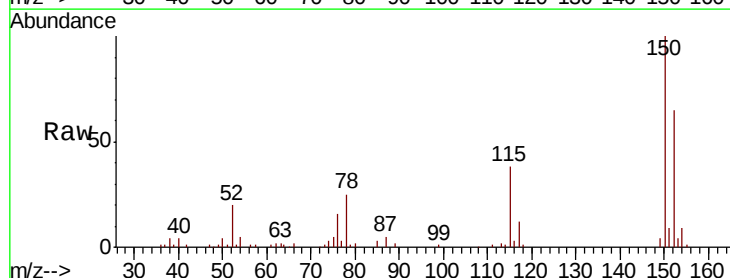
Acq: 10 Dec 2020 15:54

Tgt Ion: 75 Resp: 2132

Ion Ratio Lower Upper

75 100

77 48.4 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

