

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041539.D
 Acq On : 10 Dec 2020 16:16
 Operator : SY/MD
 Sample : L4995-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT0

Quant Time: Dec 11 06:08:30 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	36186	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	36663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	18731	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	6859	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.92	69	7658	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.58	63	14835	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.66	46	31806	45.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.28%
24) Chloroform-d	5.08	84	26315	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.72	65	18814	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.74	84	36632	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.70	67	9813	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.91	98	33819	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.19	79	6554	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.64	63	22993	39.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.10%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	10714	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	17605	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

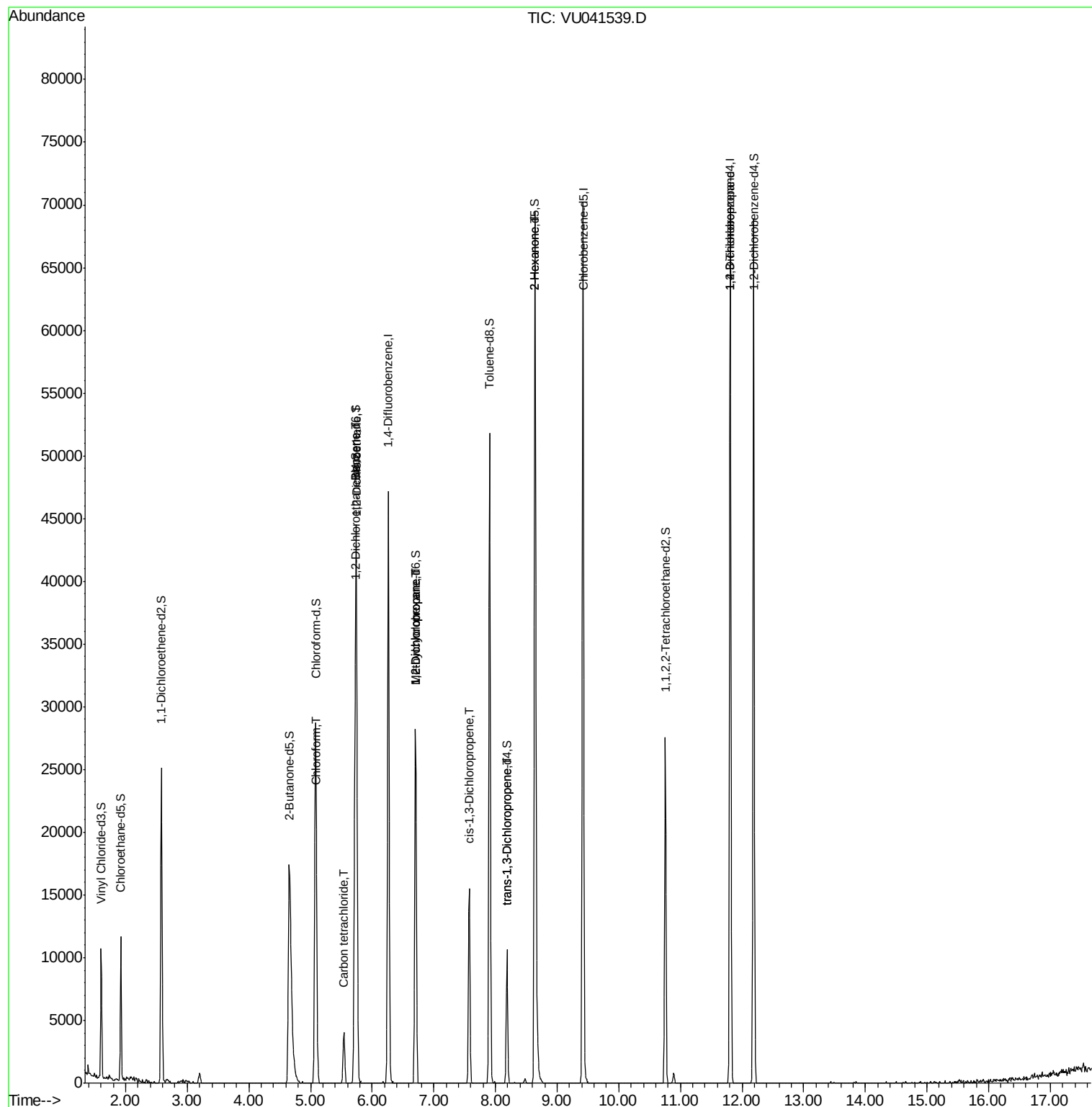
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	5.11	83	833	0.165	ug/L	92
27) 1,2-Dichloroethane	5.75	62	151	0.038	ug/L #	79
31) Carbon tetrachloride	5.54	117	2993	0.615	ug/L	90
33) Benzene	5.74	78	265	0.029	ug/L	100
35) Methylcyclohexane	6.70	83	3322	0.889	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1738	0.817	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	429	0.112	ug/L #	40
44) trans-1,3-Dichloropropene	8.19	75	286	0.075	ug/L #	42
48) 2-Hexanone	8.65	43	4069	2.972	ug/L #	73
59) 1,2,3-Trichloropropane	11.81	75	1715	0.831	ug/L #	79

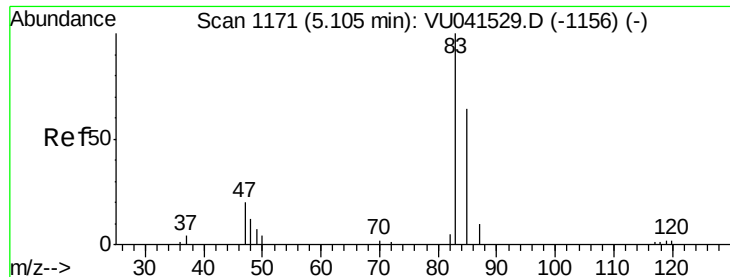
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Dec 11 06:08:30 2020
Quant Method : Z:\V0ASRV\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

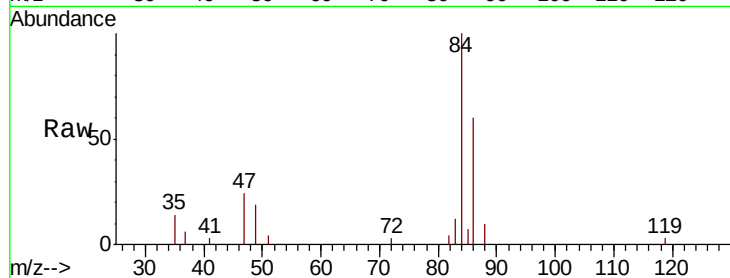




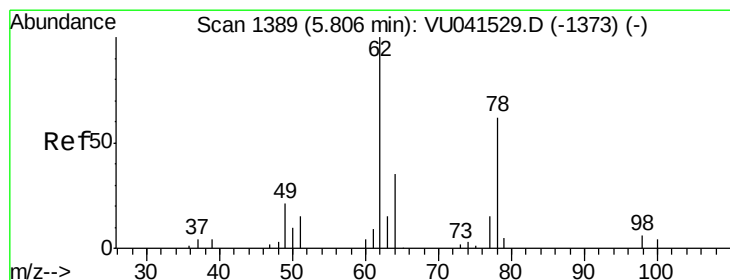
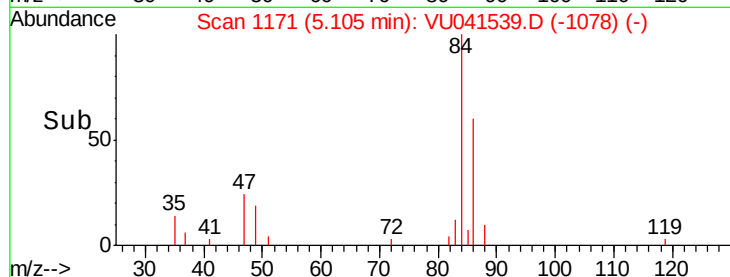
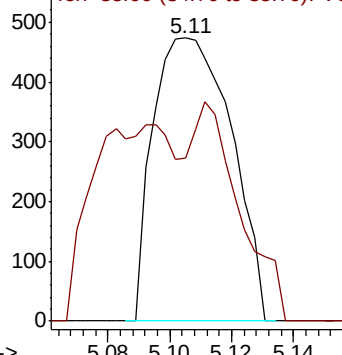
#25
Chloroform
Concen: 0.165 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041539.D
Acq: 10 Dec 2020 16:16

Instrument :
MSVOA_U
ClientSampled :
COAT0

Tot Ion: 83 Resp: 833
Ion Ratio Lower Upper
83 100
85 57.7 44.7 82.9

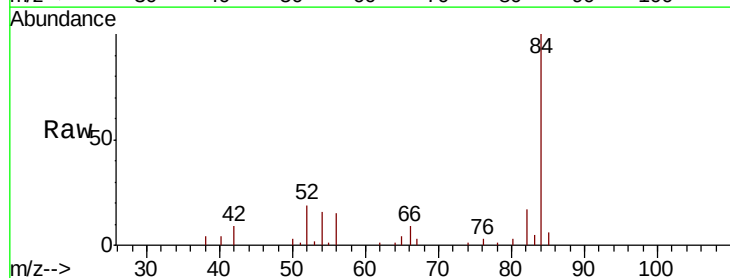


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

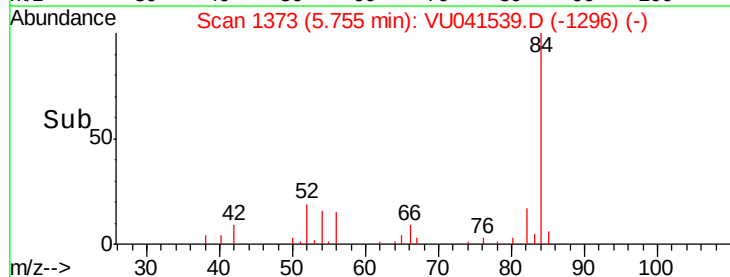
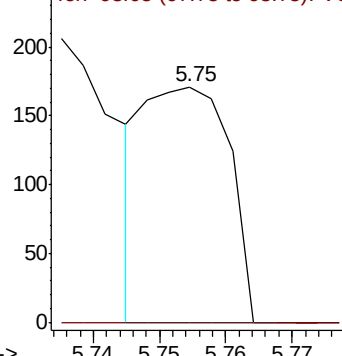


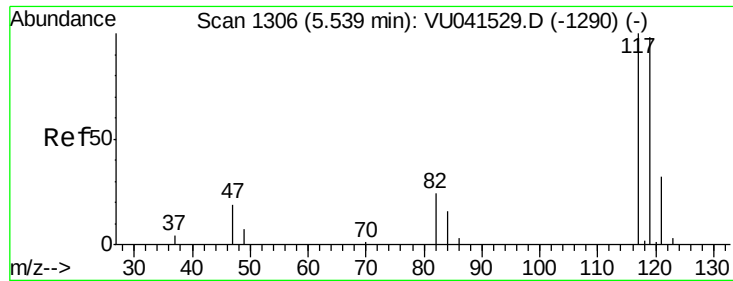
#27
1,2-Dichloroethane
Concen: 0.038 ug/L
RT: 5.75 min Scan# 1373
Delta R.T. -0.05 min
Lab File: VU041539.D
Acq: 10 Dec 2020 16:16

Tgt Ion: 62 Resp: 151
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0

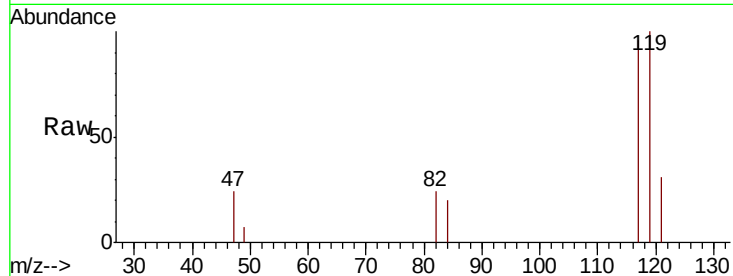




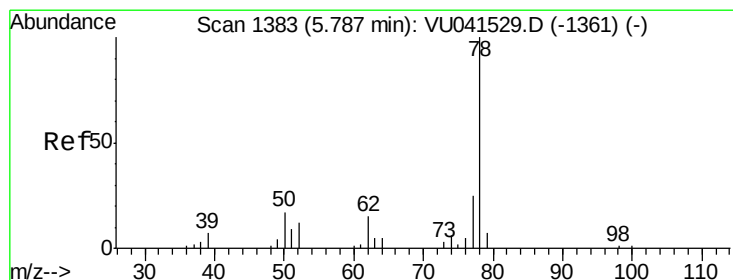
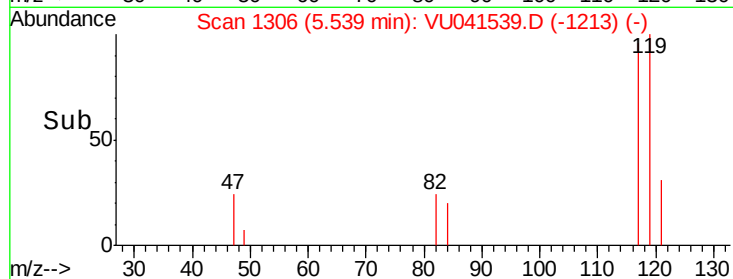
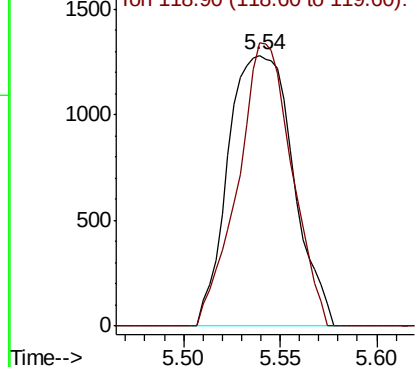
#31
Carbon tetrachloride
Concen: 0.615 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041539.D
Acq: 10 Dec 2020 16:16

Instrument :
MSVOA_U
ClientSampleId :
C0AT0

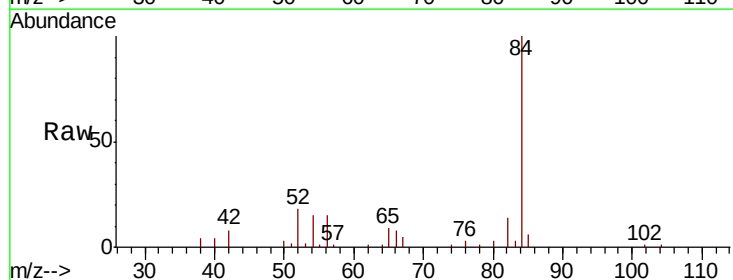
Tot Ion:117 Resp: 2993
Ion Ratio Lower Upper
117 100
119 87.0 77.2 115.8



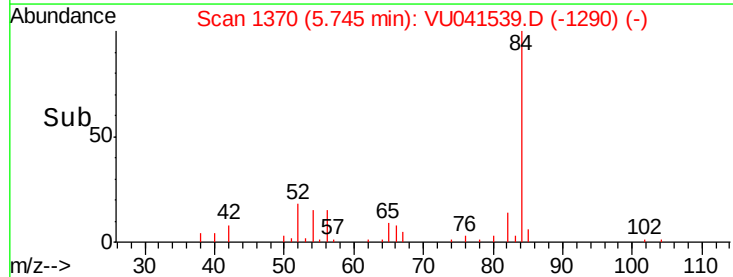
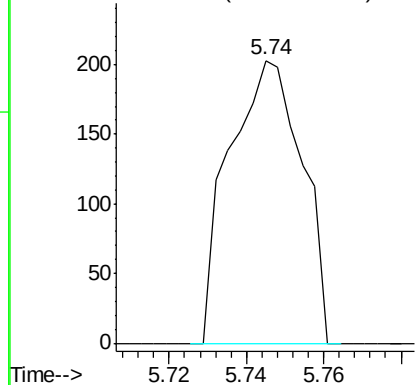
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

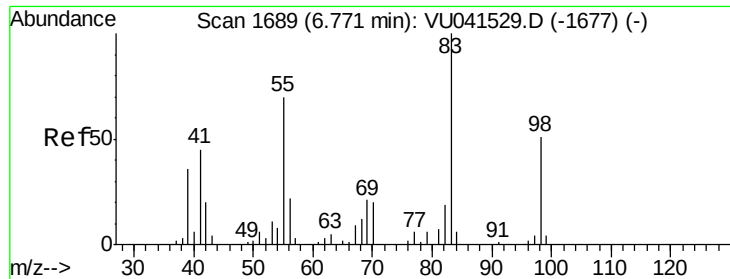


#33
Benzene
Concen: 0.029 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.04 min
Lab File: VU041539.D
Acq: 10 Dec 2020 16:16
Tgt Ion: 78 Resp: 265



Abundance Ion 78.10 (77.80 to 78.80): VU0

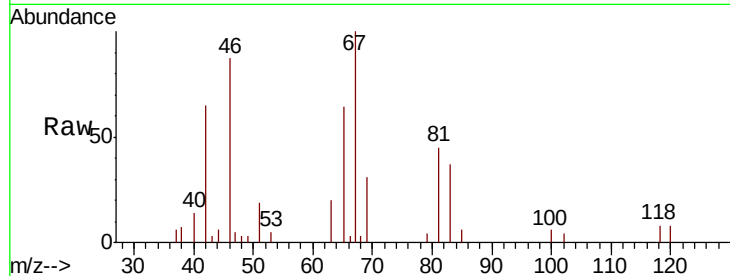




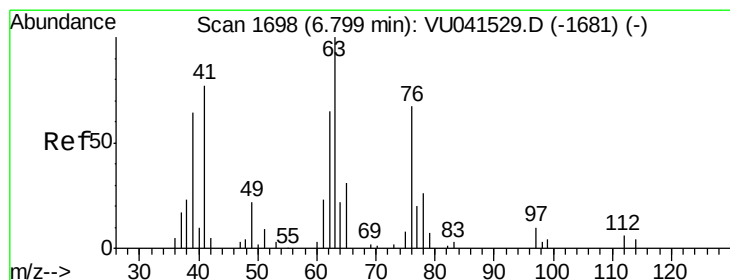
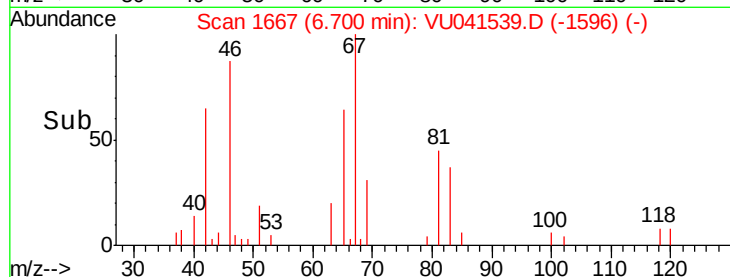
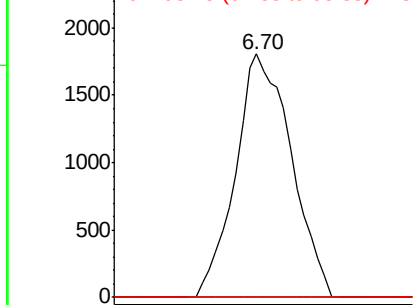
#35
Methylvlcyclohexane
Concen: 0.889 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041539.D
Acq: 10 Dec 2020 16:16

Instrument :
MSVOA_U
ClientSampleId :
C0AT0

Tot Ion: 83 Resp: 3322
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#

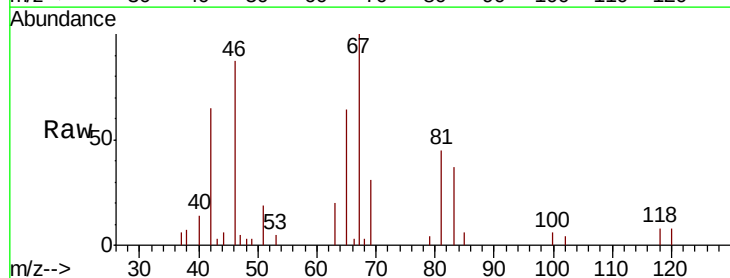


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

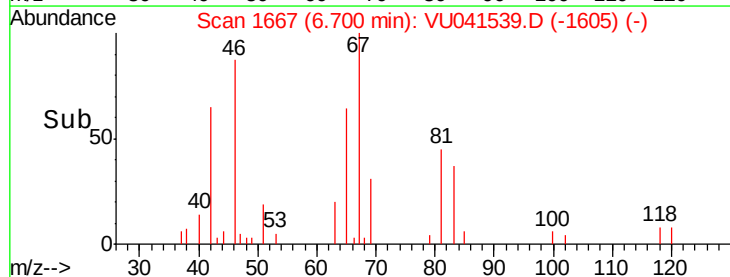
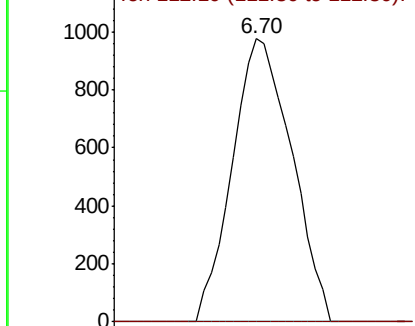


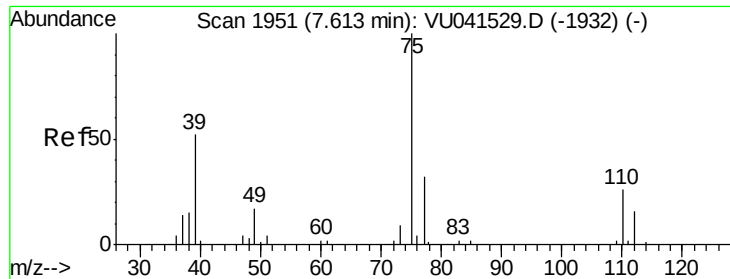
#37
1,2-Dichloropropane
Concen: 0.817 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041539.D
Acq: 10 Dec 2020 16:16

Tgt Ion: 63 Resp: 1738
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



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

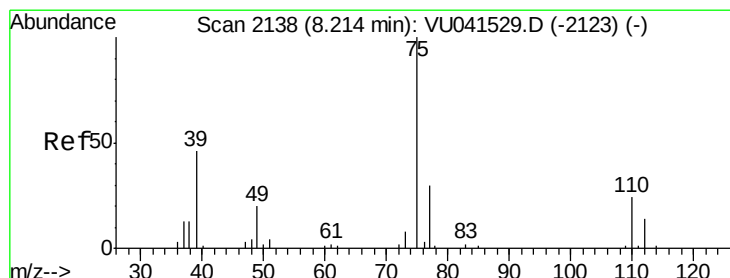
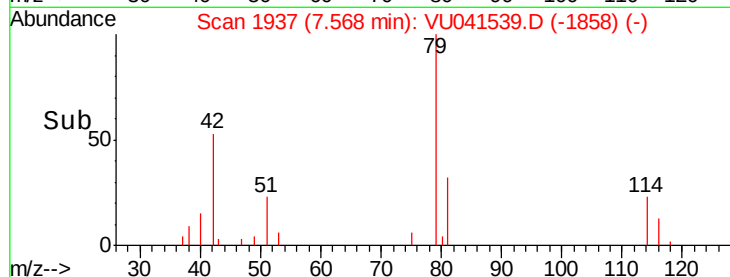
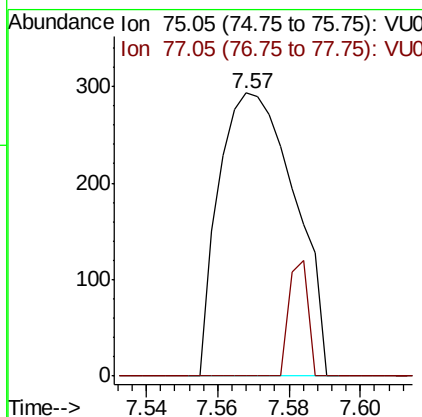
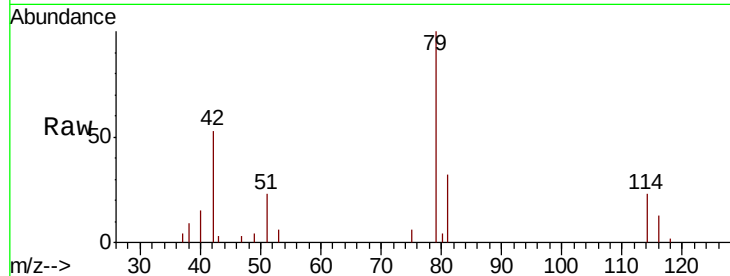




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VU041539.D
 Acq: 10 Dec 2020 16:16

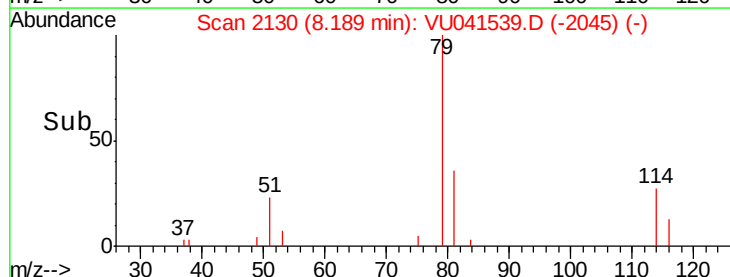
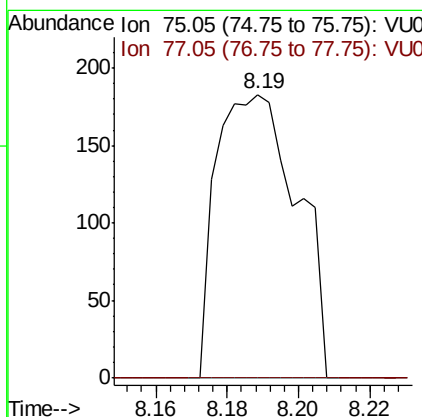
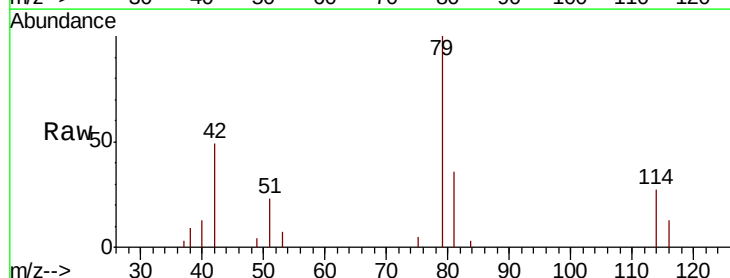
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT0

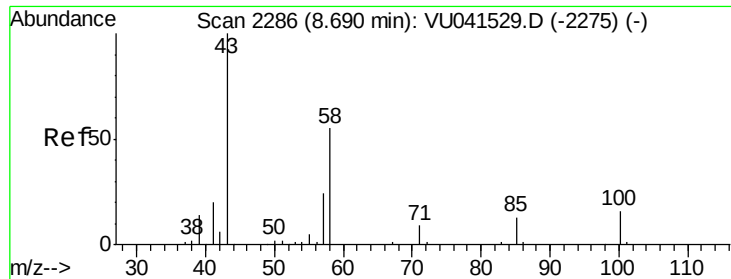
Tot Ion: 75 Resp: 429
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.0 44.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU041539.D
 Acq: 10 Dec 2020 16:16

Tgt Ion: 75 Resp: 286
 Ion Ratio Lower Upper
 75 100
 77 0.0 22.7 42.3#

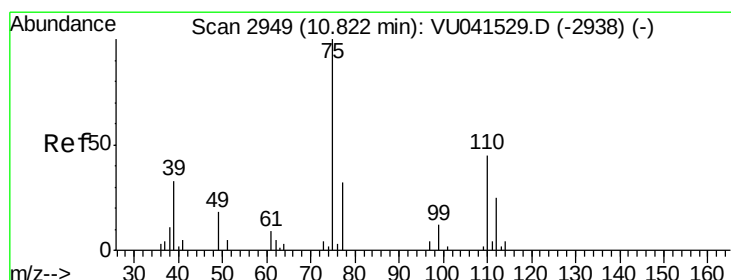
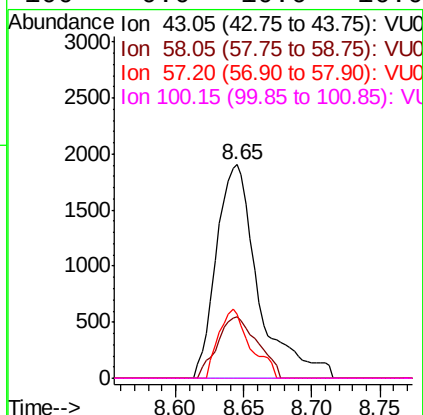
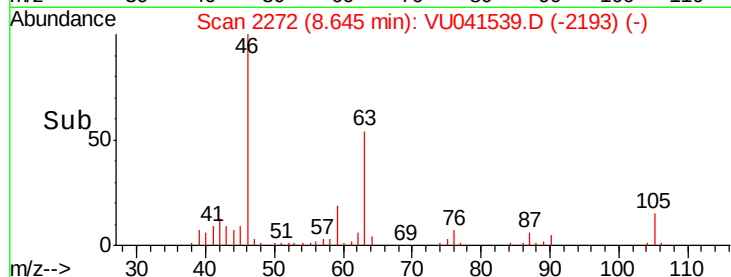
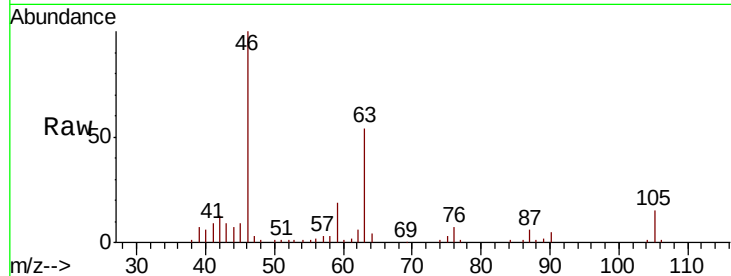




#48
2-Hexanone
Concen: 2.972 ug/L
RT: 8.65 min Scan# 2272
Delta R.T. -0.04 min
Lab File: VU041539.D
Acq: 10 Dec 2020 16:16

Instrument :
MSVOA_U
ClientSampleId :
C0AT0

Tot Ion: 43 Resp: 4069
Ion Ratio Lower Upper
43 100
58 27.7 41.4 62.0#
57 24.5 17.1 25.7
100 0.0 10.6 16.0#



#59
1,2,3-Trichloropropane
Concen: 0.831 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041539.D
Acq: 10 Dec 2020 16:16

Tgt Ion: 75 Resp: 1715
Ion Ratio Lower Upper
75 100
77 45.0 26.3 39.5#

