

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041595.D
 Acq On : 13 Dec 2020 02:45
 Operator : SY/MD
 Sample : L5060-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B17

Quant Time: Dec 13 11:31:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 11:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128426	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133798	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60776	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33190	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.92	69	32073	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.58	63	54494	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.66	46	154437	53.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.10%
24) Chloroform-d	5.08	84	78694	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	47120	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.74	84	157439	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.70	67	52197	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.91	98	138394	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	8.19	79	21359	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.64	63	121009	40.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50237	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	52703	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

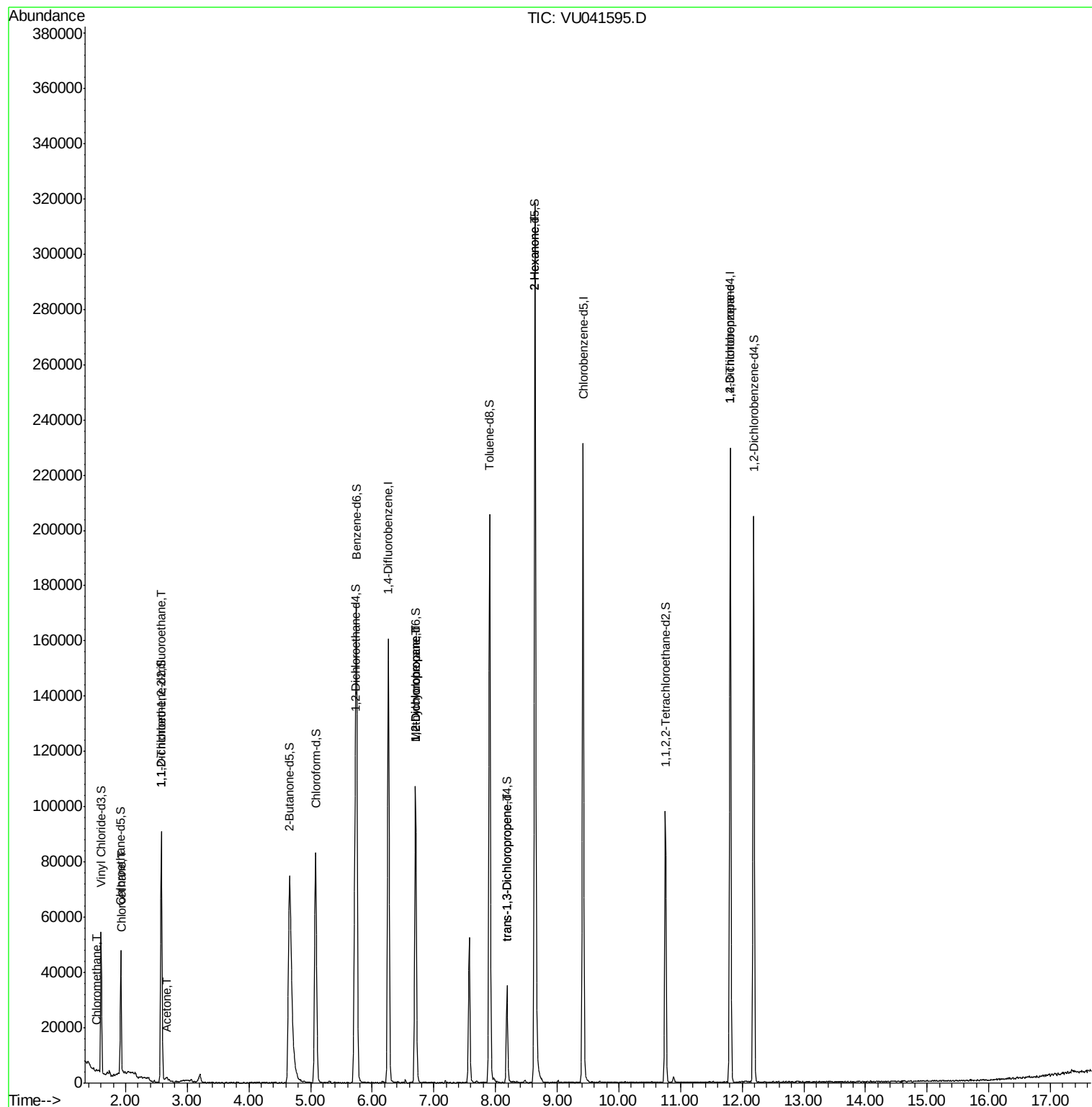
					Ovalue
3) Chloromethane	1.52	50	547	0.052	ug/L 98
8) Chloroethane	1.94	64	342	0.043	ug/L # 44
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	396	0.045	ug/L # 22
13) Acetone	2.66	43	2403	1.310	ug/L 72
35) Methylcyclohexane	6.70	83	11889	0.684	ug/L # 19
37) 1,2-Dichloropropane	6.70	63	5601	0.512	ug/L # 88
44) trans-1,3-Dichloropropene	8.19	75	699	0.048	ug/L # 36
48) 2-Hexanone	8.64	43	13135	2.317	ug/L # 67
59) 1,2,3-Trichloropropane	11.81	75	7295	0.887	ug/L 100

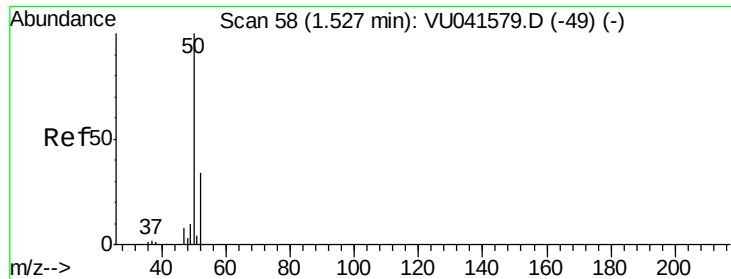
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Dec 13 11:26:38 2020
Response via : Initial Calibration

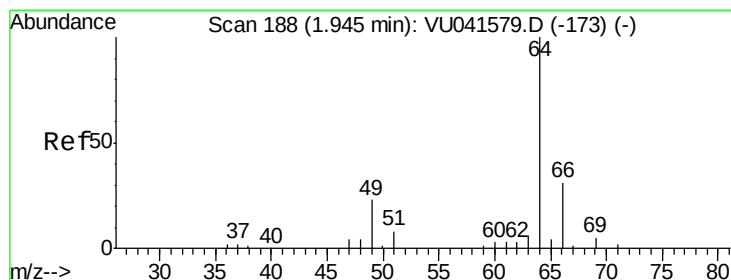
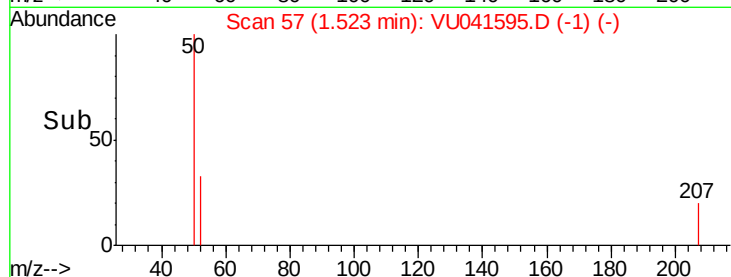
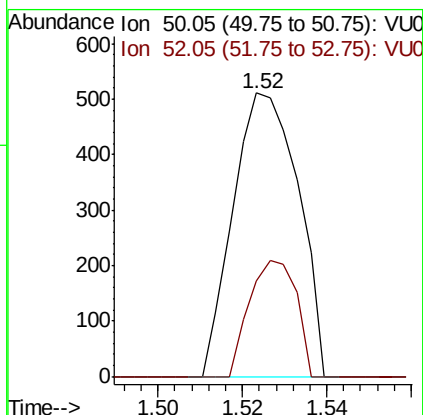
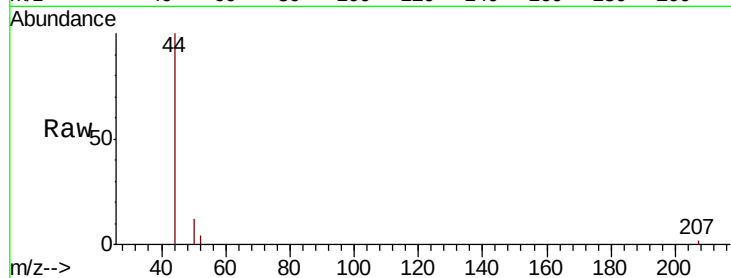




#3
Chloromethane
Concen: 0.052 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041595.D
Acq: 13 Dec 2020 02:45

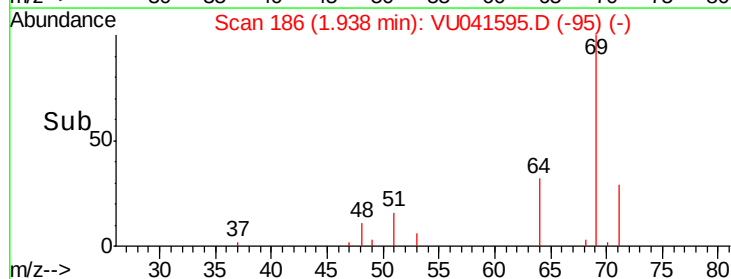
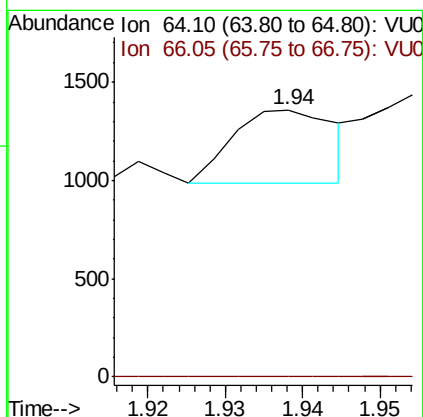
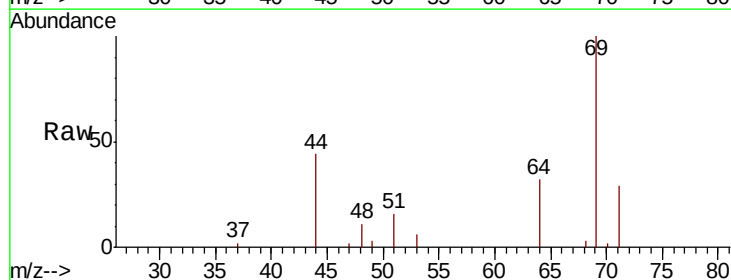
Instrument :
MSVOA_U
ClientSampled :
C0B17

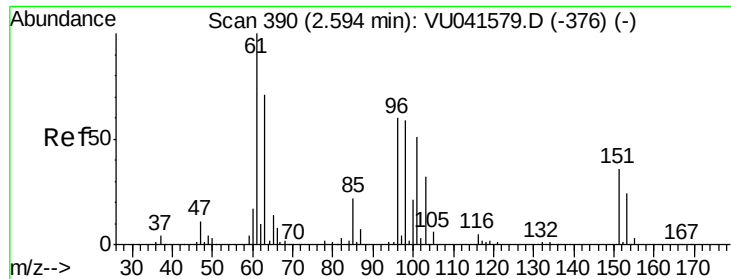
Tot Ion: 50 Resp: 547
Ion Ratio Lower Upper
50 100
52 33.5 24.1 44.8



#8
Chloroethane
Concen: 0.043 ug/L
RT: 1.94 min Scan# 186
Delta R.T. -0.01 min
Lab File: VU041595.D
Acq: 13 Dec 2020 02:45

Tgt Ion: 64 Resp: 342
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.0#





#10

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

Concen: 0.045 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU041595.D

Acq: 13 Dec 2020 02:45

Instrument :

MSVOA_U

ClientSampleId :

C0B17

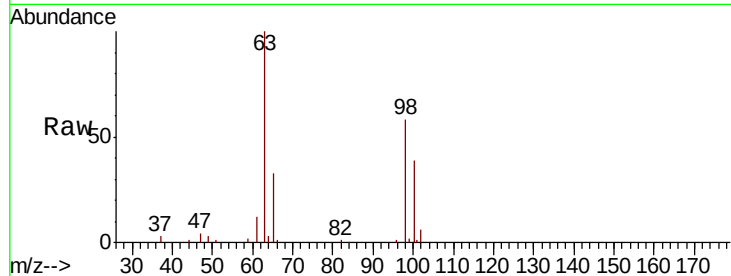
Tot Ion:101 Resp: 396

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

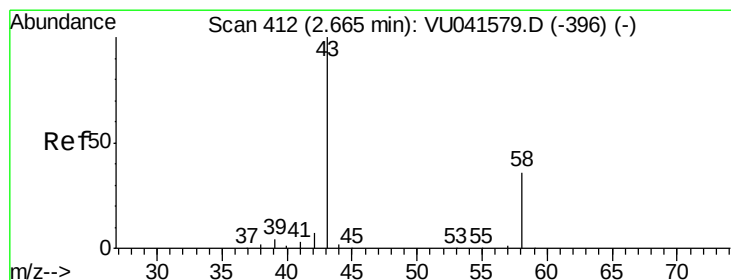
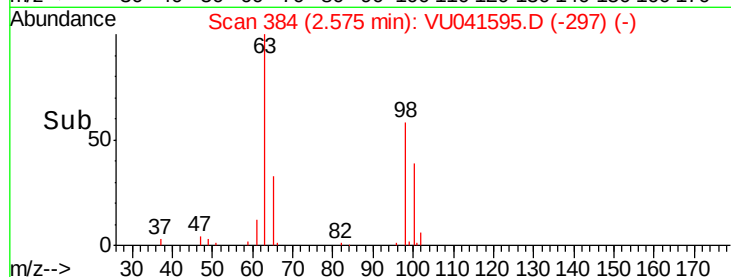
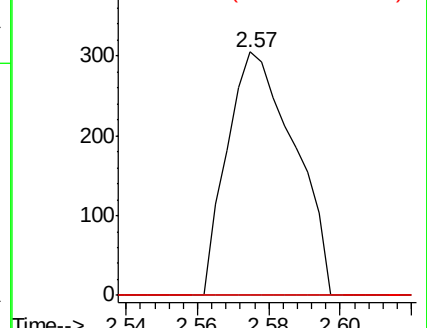
151 0.0 56.2 84.4#



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: 1.310 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU041595.D

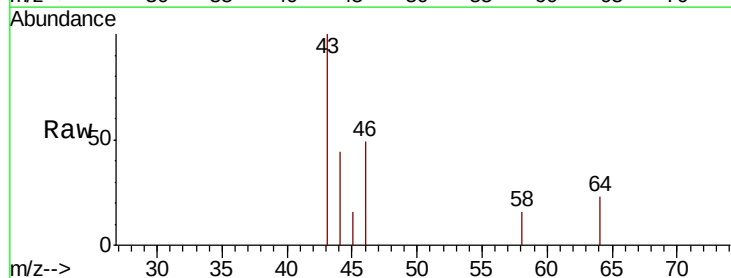
Acq: 13 Dec 2020 02:45

Tgt Ion: 43 Resp: 2403

Ion Ratio Lower Upper

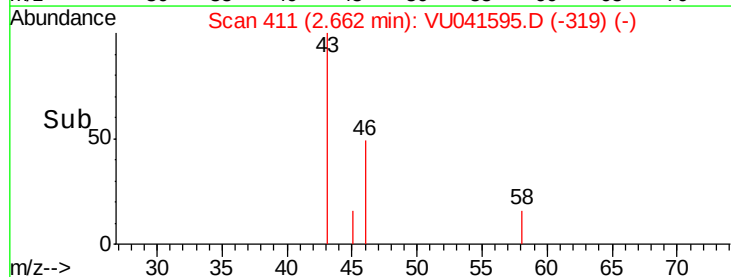
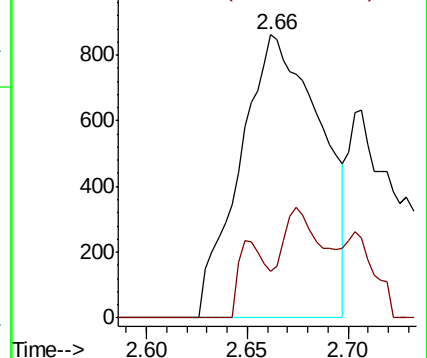
43 100

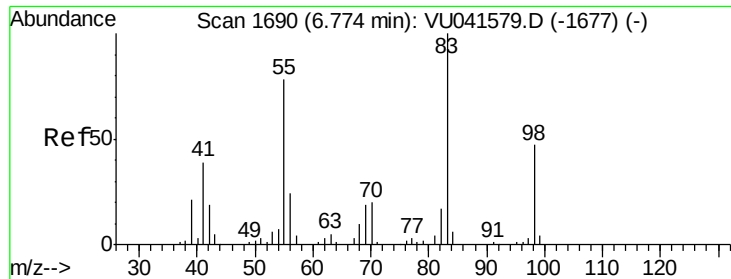
58 20.0 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

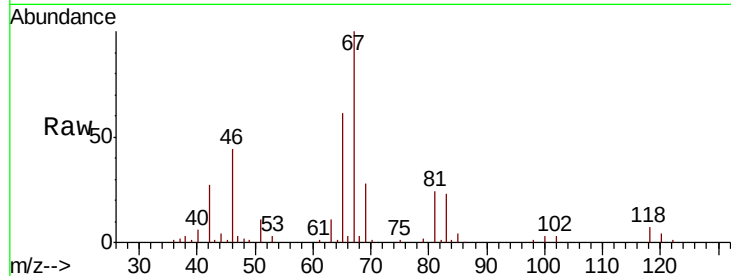




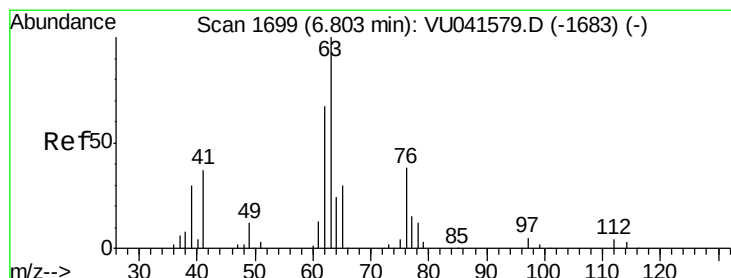
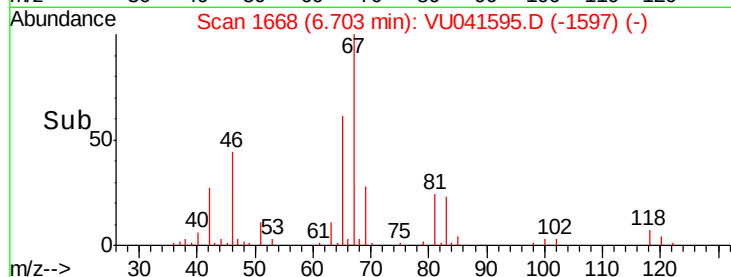
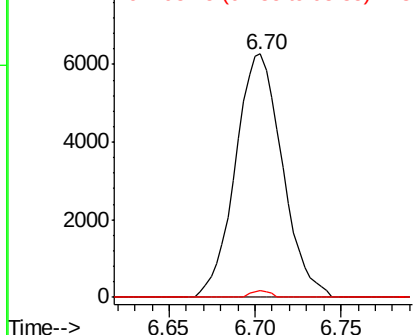
#35
Methylcyclohexane
Concen: 0.684 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041595.D
Acq: 13 Dec 2020 02:45

Instrument :
MSVOA_U
ClientSampleId :
C0B17

Tot Ion: 83 Resp: 11889
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 1.2 36.6 54.8#

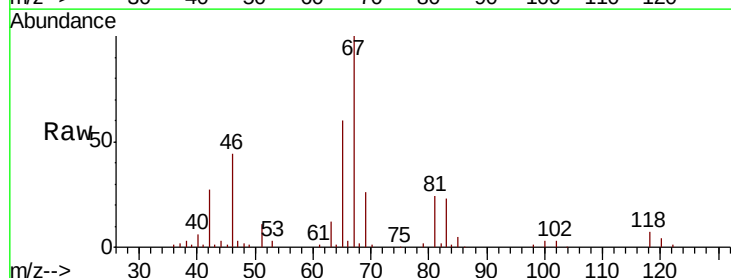


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

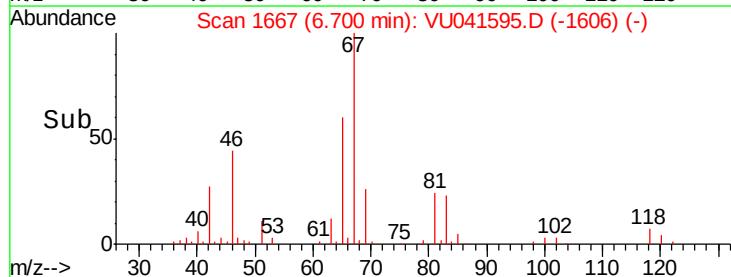
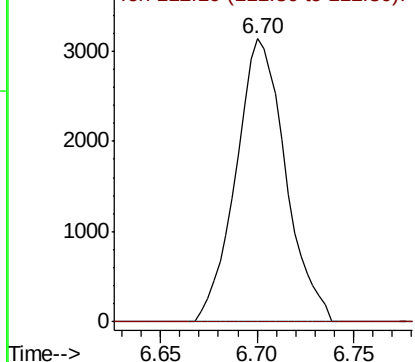


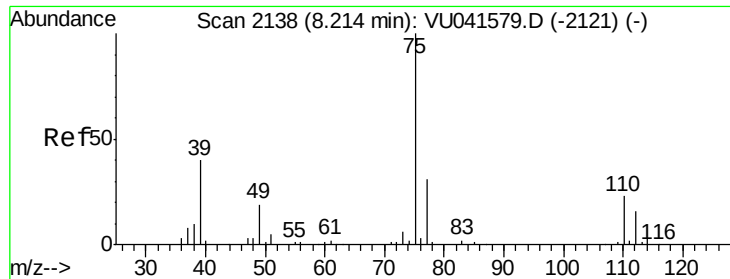
#37
1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041595.D
Acq: 13 Dec 2020 02:45

Tgt Ion: 63 Resp: 5601
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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





#44

trans-1,3-Dichloropropene

Concen: 0.048 ug/L

RT: 8.19 min Scan# 2131

Delta R.T. -0.02 min

Lab File: VU041595.D

Acq: 13 Dec 2020 02:45

Instrument :

MSVOA_U

ClientSampleId :

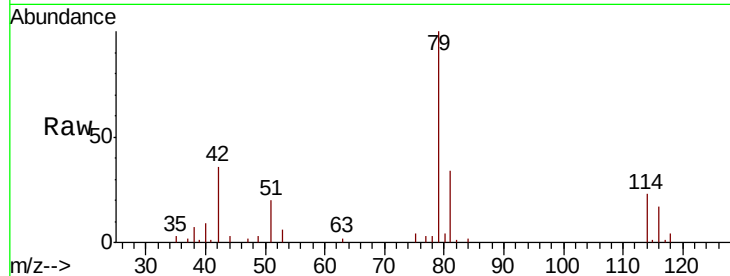
C0B17

Tot Ion: 75 Resp: 699

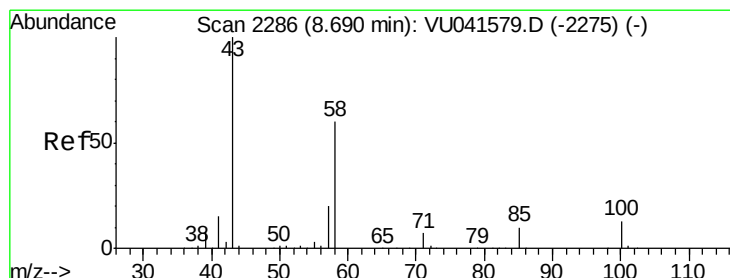
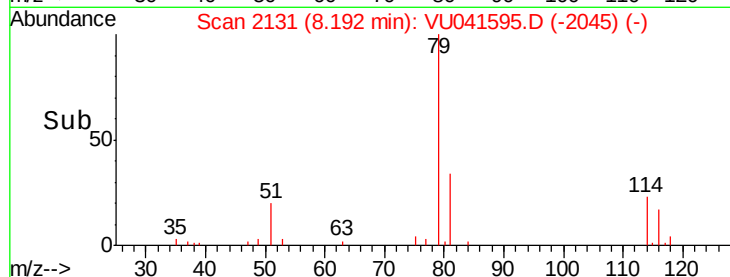
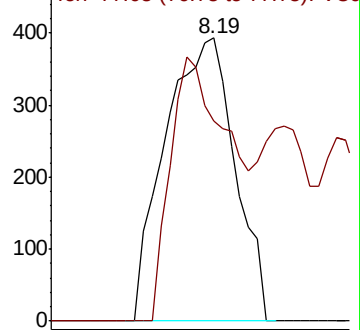
Ion Ratio Lower Upper

75 100

77 70.7 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU041579.D (-2121) (-)



#48

2-Hexanone

Concen: 2.317 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041595.D

Acq: 13 Dec 2020 02:45

Tgt Ion: 43 Resp: 13135

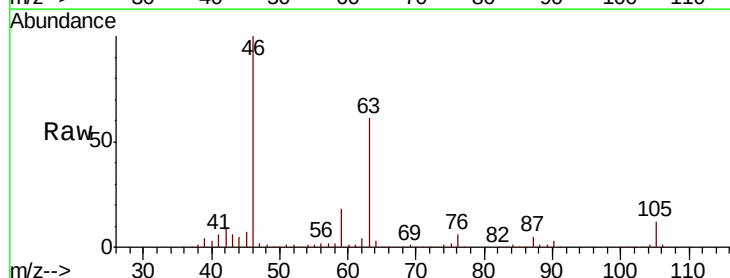
Ion Ratio Lower Upper

43 100

58 30.1 47.9 71.9#

57 28.4 16.5 24.7#

100 1.1 9.4 14.2#

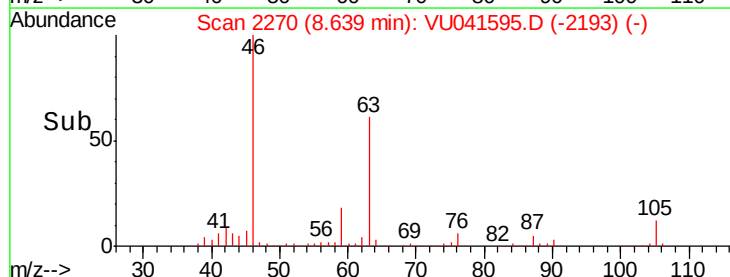
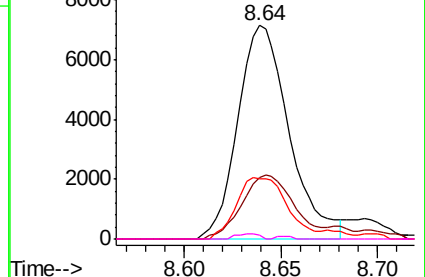


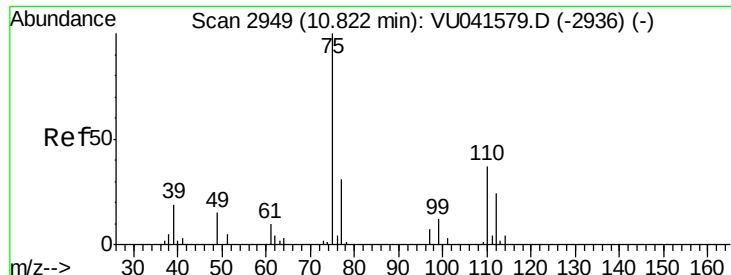
Abundance Ion 43.05 (42.75 to 43.75): VU041579.D (-2275) (-)

Ion 58.05 (57.75 to 58.75): VU041579.D (-2275) (-)

Ion 57.20 (56.90 to 57.90): VU041579.D (-2275) (-)

Ion 100.15 (99.85 to 100.85): VU041579.D (-2275) (-)





#59

1,2,3-Trichloropropane

Concen: 0.887 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041595.D

Acq: 13 Dec 2020 02:45

Instrument :

MSVOA_U

ClientSampleId :

C0B17

Tot Ion: 75 Resp: 7295

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2

