

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120920\
 Data File : VU041525.D
 Acq On : 09 Dec 2020 19:38
 Operator : SY/MD
 Sample : L4995-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 04:48:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 10 04:45:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	46905	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	41996	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	20822	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	7589	3.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.00%
7) Chloroethane-d5	1.92	69	8639	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.58	63	15894	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	4.65	46	37801	41.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.68%
24) Chloroform-d	5.08	84	29300	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.72	65	20335	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.74	84	43316	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.70	67	12096	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.91	98	39294	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.19	79	6901	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.64	63	25781	38.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	11142	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	17916	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

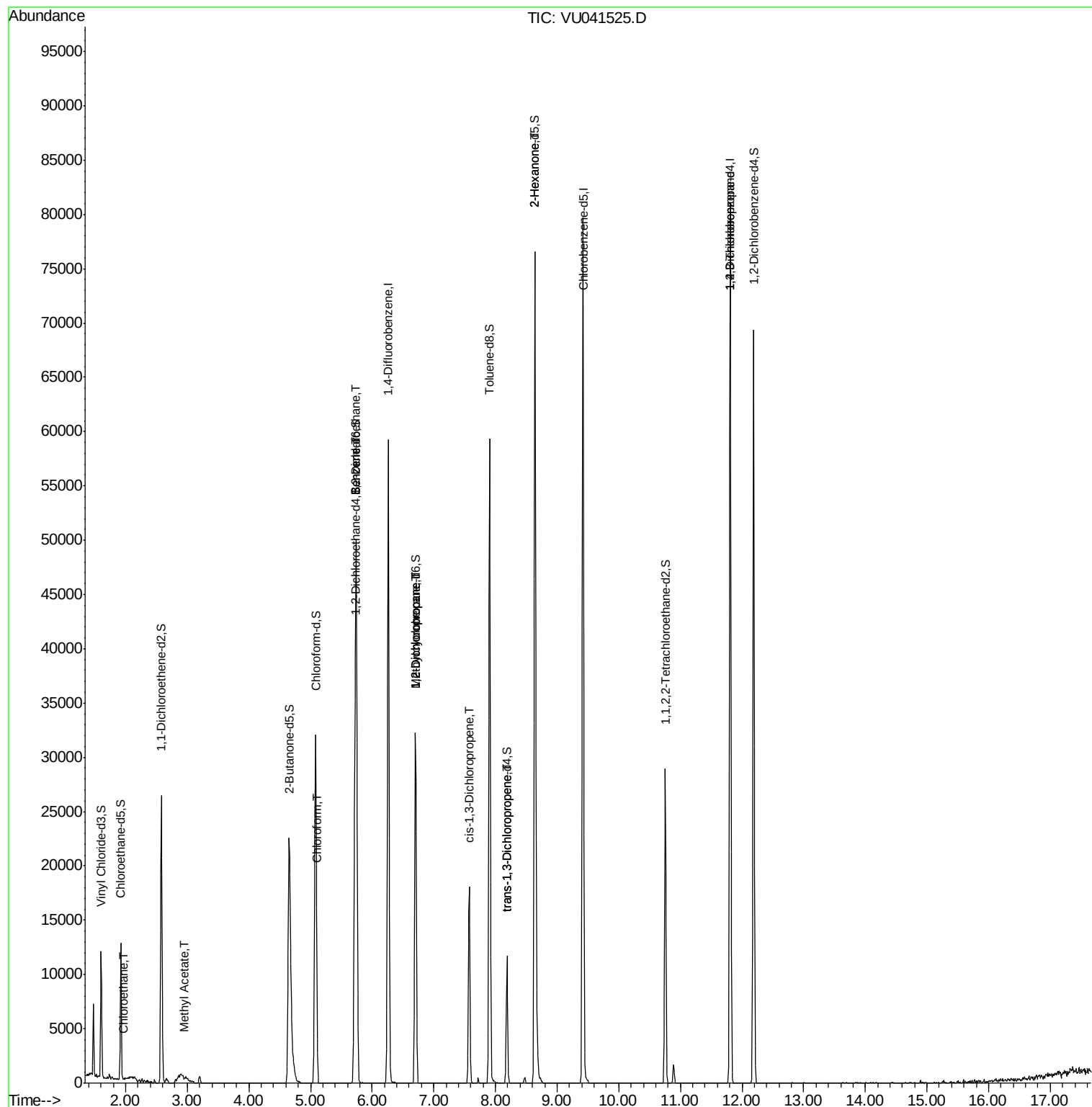
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.97	64	106	0.051	ug/L #	45
15) Methyl Acetate	2.96	43	202	0.157	ug/L #	51
25) Chloroform	5.11	83	339	0.052	ug/L #	72
27) 1,2-Dichloroethane	5.74	62	308	0.060	ug/L #	79
33) Benzene	5.74	78	330	0.032	ug/L	100
35) Methylcyclohexane	6.70	83	3819	0.892	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1822	0.748	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	474	0.108	ug/L #	57
44) trans-1,3-Dichloropropene	8.18	75	305	0.069	ug/L #	60
48) 2-Hexanone	8.64	43	4361	2.781	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	2100	0.889	ug/L #	71

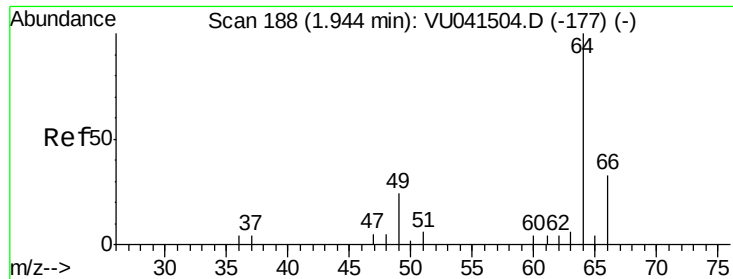
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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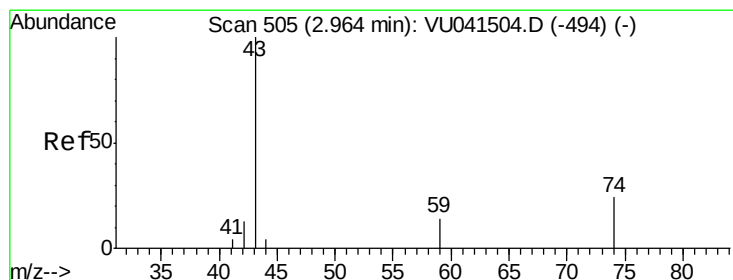
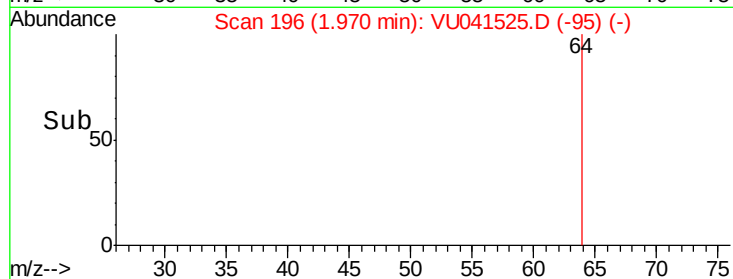
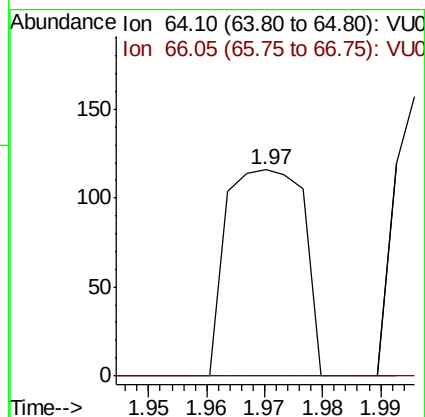
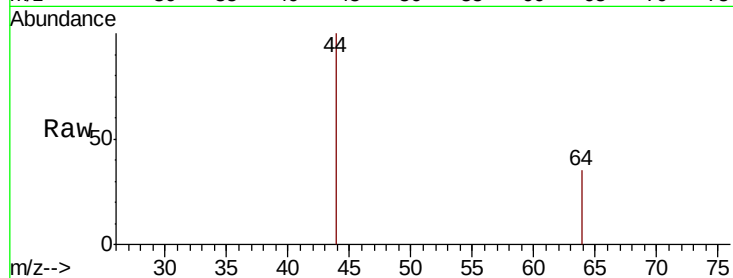




#8
Chloroethane
Concen: 0.051 ug/L
RT: 1.97 min Scan# 196
Delta R.T. 0.03 min
Lab File: VU041525.D
Acq: 09 Dec 2020 19:38

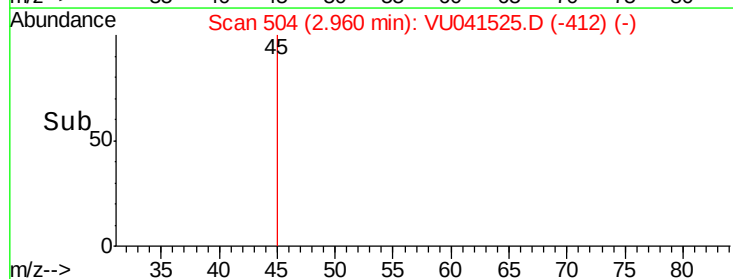
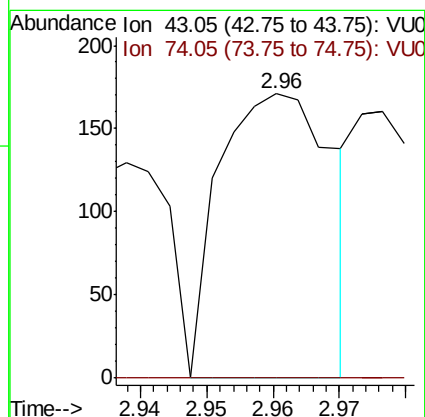
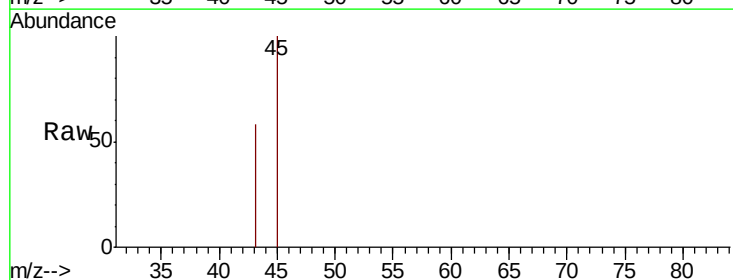
Instrument :
MSVOA_U
ClientSampleId :

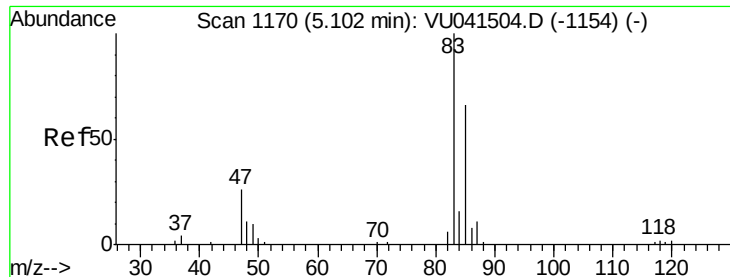
Tot Ion: 64 Resp: 106
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#15
Methyl Acetate
Concen: 0.157 ug/L
RT: 2.96 min Scan# 504
Delta R.T. -0.00 min
Lab File: VU041525.D
Acq: 09 Dec 2020 19:38

Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#





#25

Chloroform

Concen: 0.052 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU041525.D

Acq: 09 Dec 2020 19:38

Instrument :

MSVOA_U

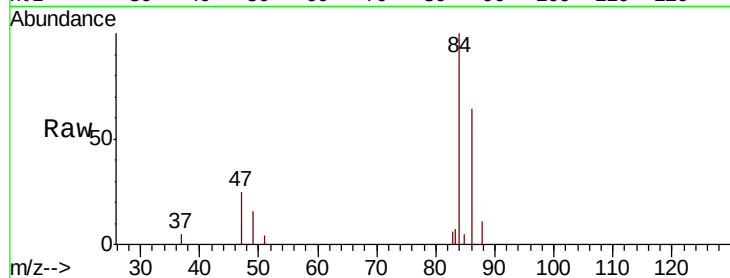
ClientSampleId :

Tot Ion: 83 Resp: 339

Ion Ratio Lower Upper

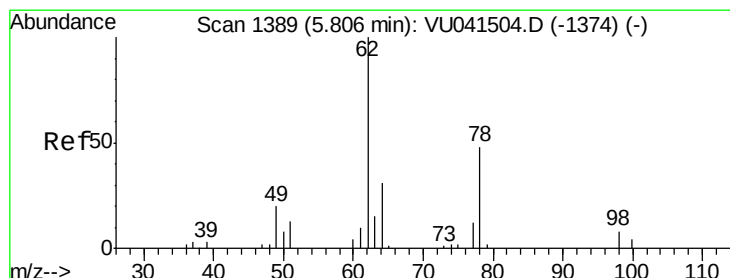
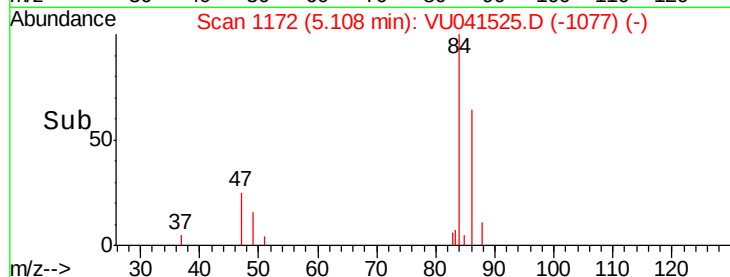
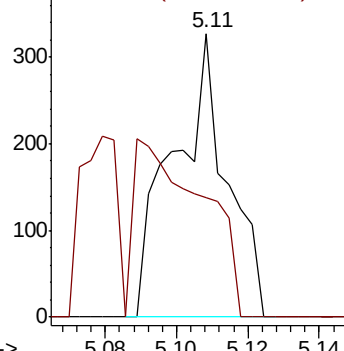
83 100

85 42.2 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: 0.060 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.07 min

Lab File: VU041525.D

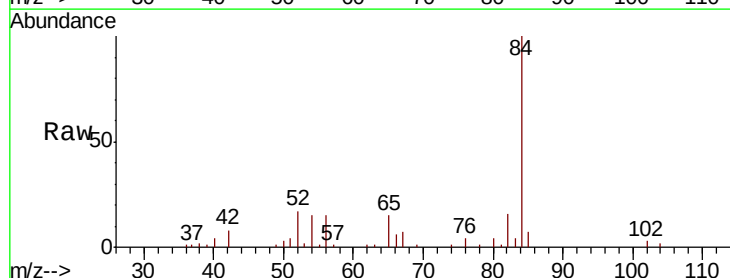
Acq: 09 Dec 2020 19:38

Tgt Ion: 62 Resp: 308

Ion Ratio Lower Upper

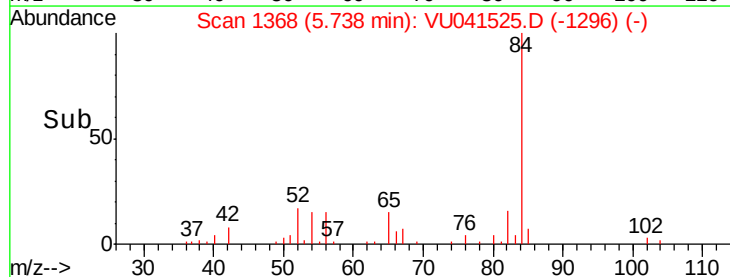
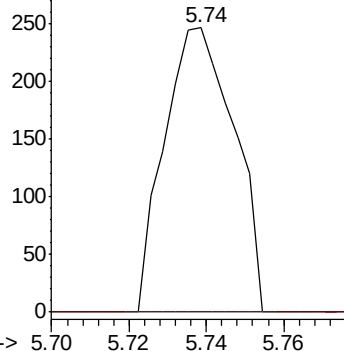
62 100

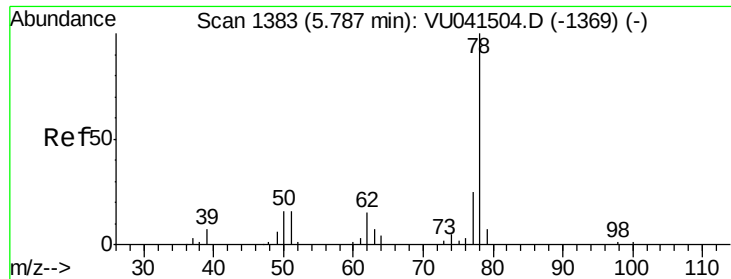
98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

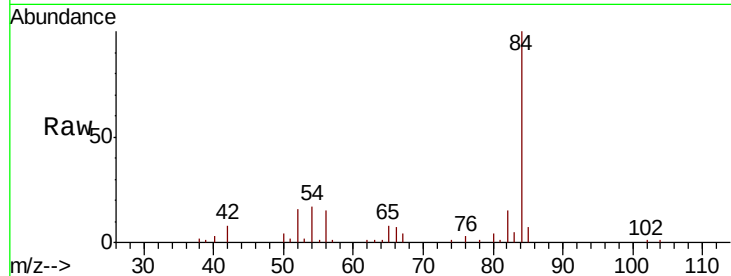




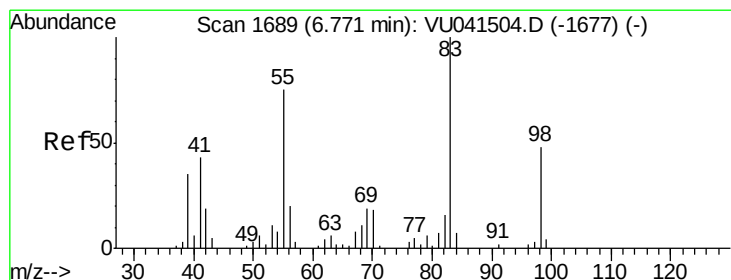
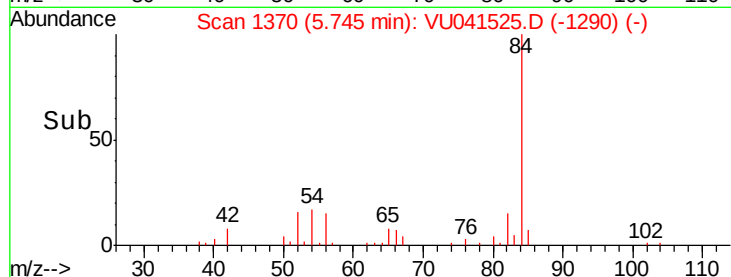
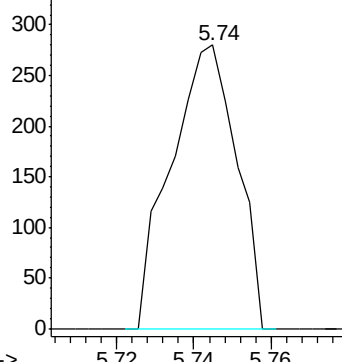
#33
Benzene
Concen: 0.032 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.04 min
Lab File: VU041525.D
Acq: 09 Dec 2020 19:38

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 78 Resp: 330

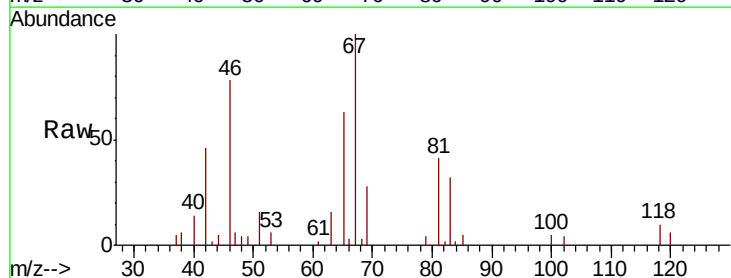


Abundance Ion 78.10 (77.80 to 78.80): VU0



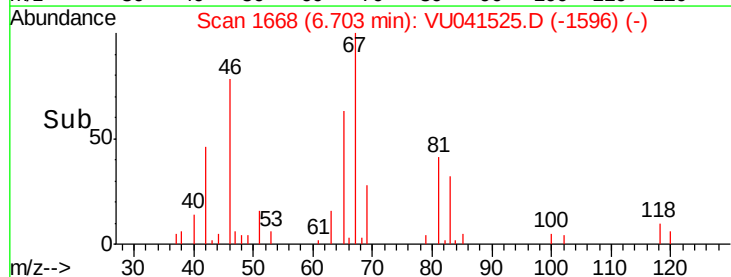
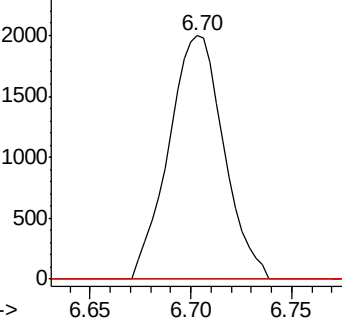
#35
Methylcyclohexane
Concen: 0.892 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041525.D
Acq: 09 Dec 2020 19:38

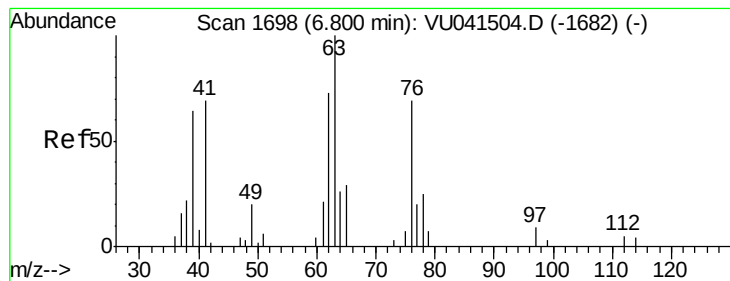
Tgt Ion: 83 Resp: 3819
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#



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: 0.748 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU041525.D

Acq: 09 Dec 2020 19:38

Instrument :

MSVOA_U

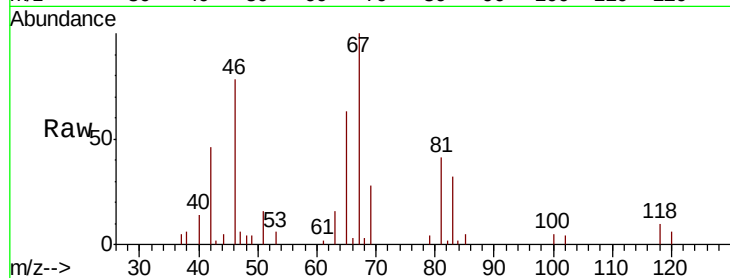
ClientSampleId :

Tot Ion: 63 Resp: 1822

Ion Ratio Lower Upper

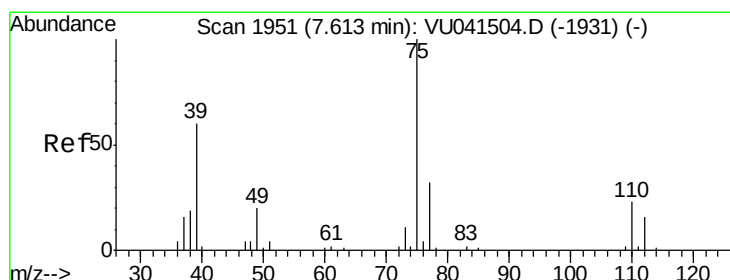
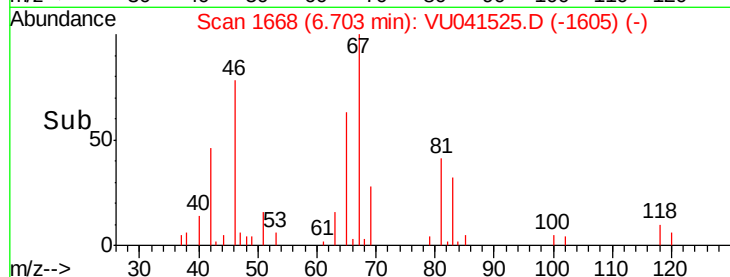
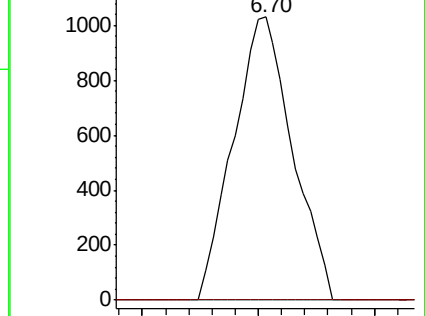
63 100

112 0.0 4.2 6.2#



Abundance Ion 63.10 (62.80 to 63.80): VU041504.D (-1682) (-)

Ion 112.10 (111.80 to 112.80): VU041504.D (-1682) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU041525.D

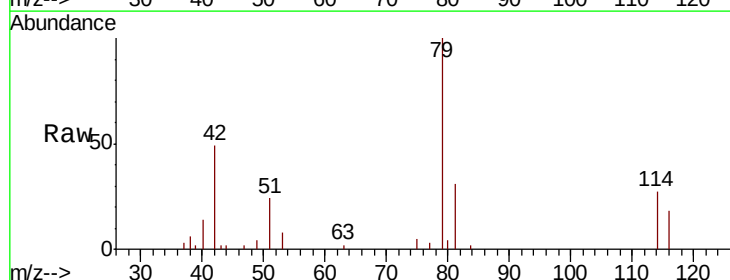
Acq: 09 Dec 2020 19:38

Tgt Ion: 75 Resp: 474

Ion Ratio Lower Upper

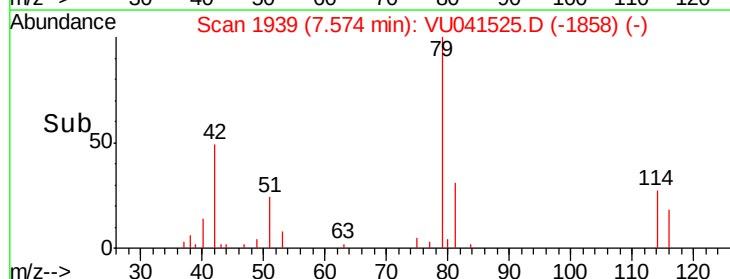
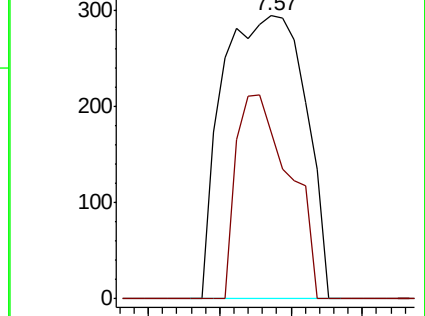
75 100

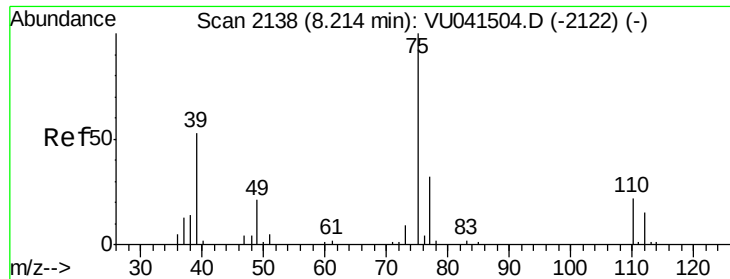
77 59.2 24.0 44.6#



Abundance Ion 75.05 (74.75 to 75.75): VU041504.D (-1931) (-)

Ion 77.05 (76.75 to 77.75): VU041504.D (-1931) (-)

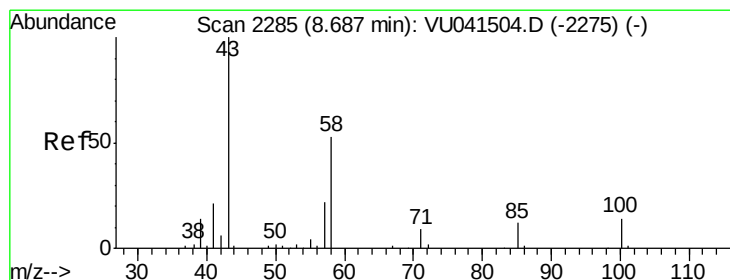
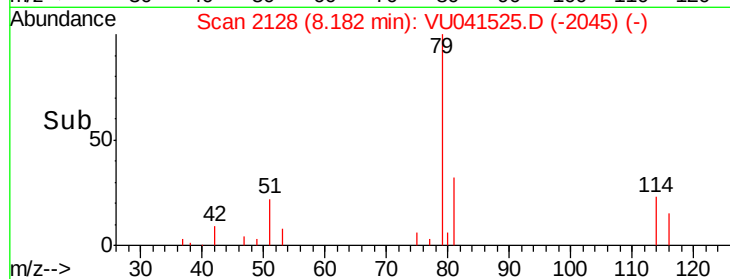
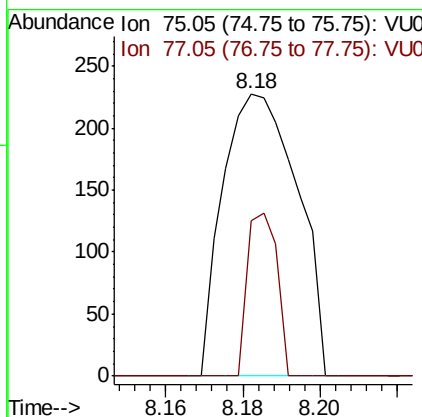
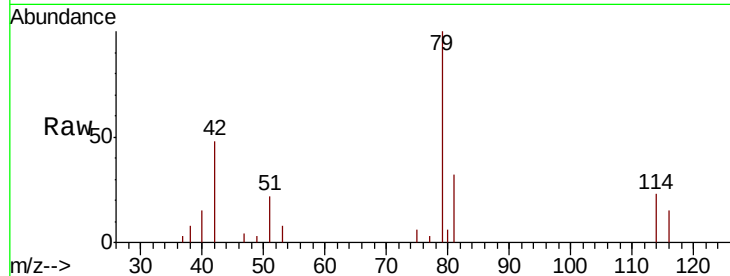




#44
trans-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041525.D
Acq: 09 Dec 2020 19:38

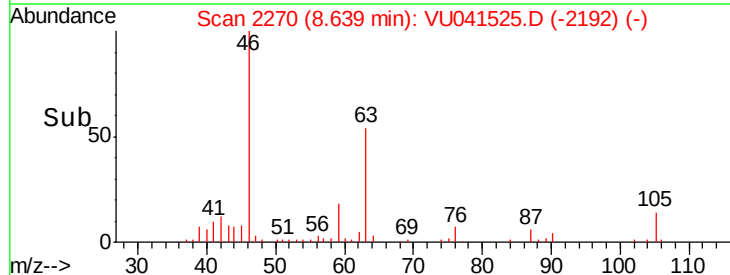
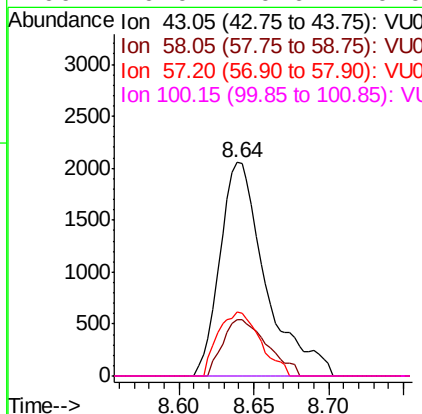
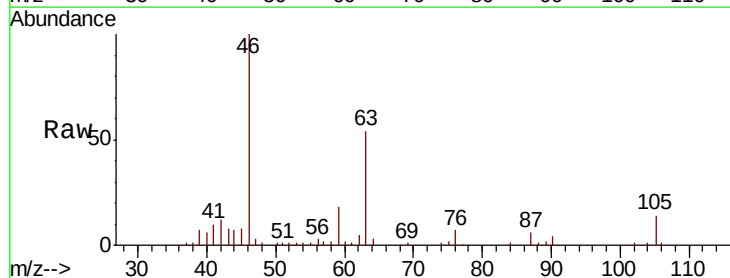
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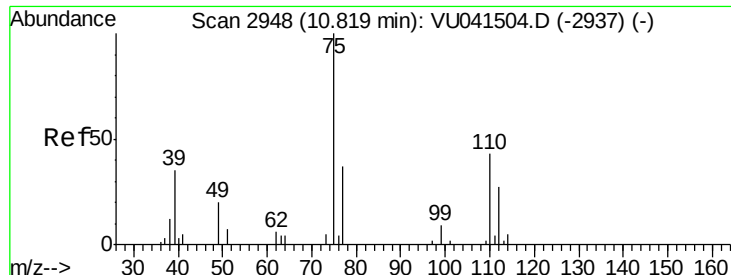
Tot Ion: 75 Resp: 305
Ion Ratio Lower Upper
75 100
77 54.8 22.7 42.3#



#48
2-Hexanone
Concen: 2.781 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041525.D
Acq: 09 Dec 2020 19:38

Tgt Ion: 43 Resp: 4361
Ion Ratio Lower Upper
43 100
58 25.6 41.4 62.0#
57 27.9 17.1 25.7#
100 0.0 10.6 16.0#





#59

1,2,3-Trichloropropane

Concen: 0.889 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041525.D

Acq: 09 Dec 2020 19:38

Instrument :

MSVOA_U

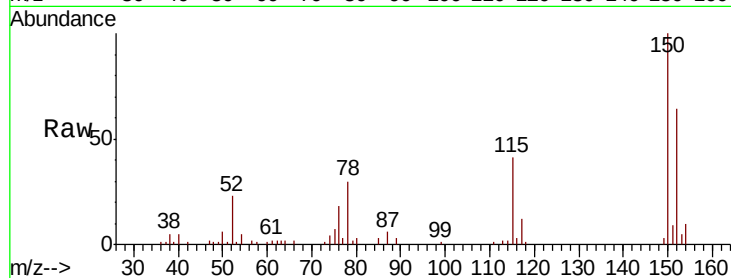
ClientSampleId :

Tot Ion: 75 Resp: 2100

Ion Ratio Lower Upper

75 100

77 49.2 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

