

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111020\
 Data File : VU041187.D
 Acq On : 10 Nov 2020 19:10
 Operator : SY/MD
 Sample : L4646-15DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T9DL

Quant Time: Nov 11 00:54:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52594	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24033	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14322	3.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.80%
7) Chloroethane-d5	1.92	69	15222	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.58	63	23259	2.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.60%#
20) 2-Butanone-d5	4.65	46	79139	54.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.78%
24) Chloroform-d	5.08	84	39040	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.72	65	25677	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.74	84	64811	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.70	67	23819	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.90	98	51493	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.19	79	8988	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	56592	51.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22450	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	23372	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

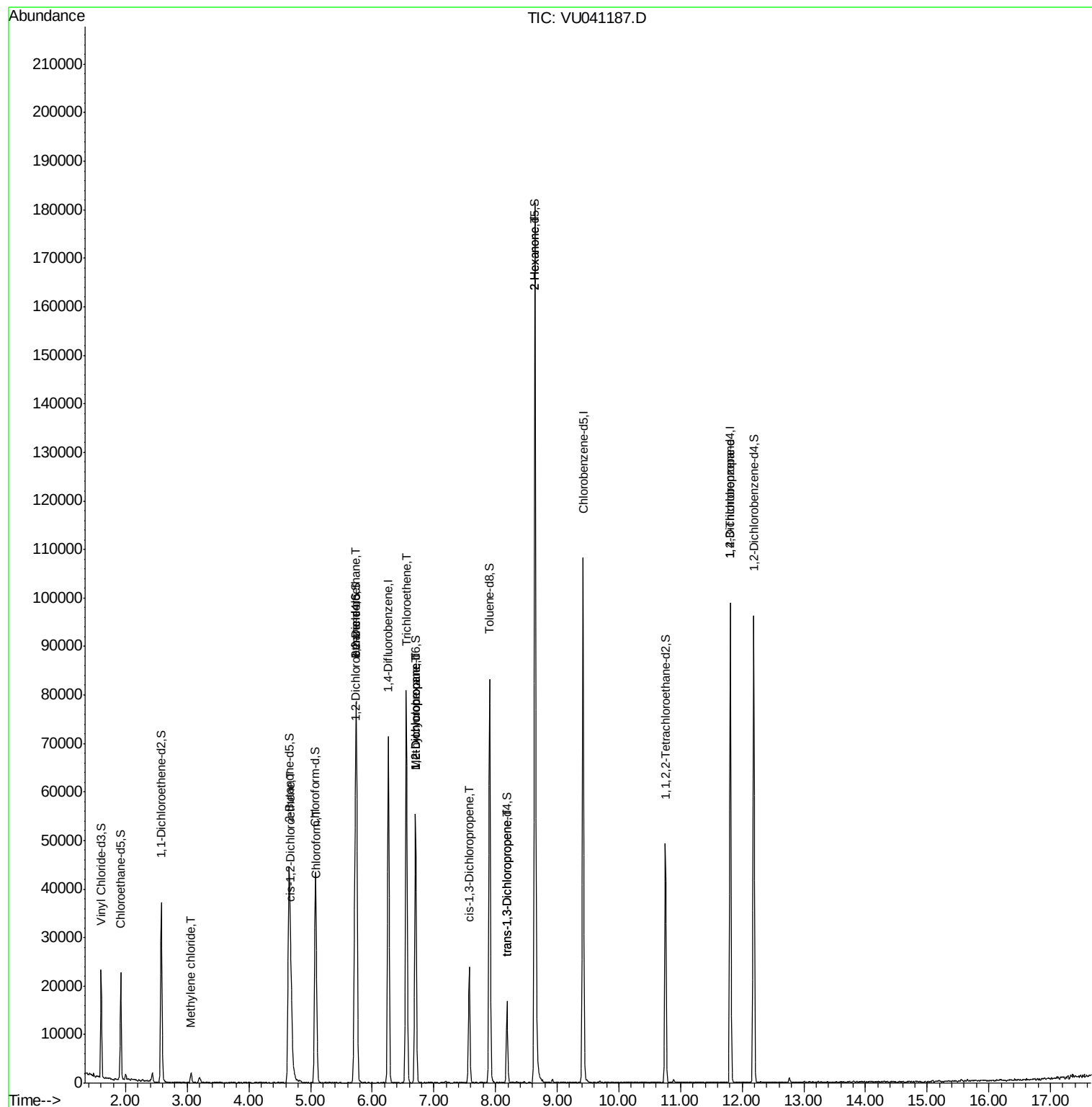
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	959	0.222	ug/L	89
22) cis-1,2-Dichloroethene	4.69	96	2720	0.698	ug/L	96
25) Chloroform	5.10	83	857	0.113	ug/L	100
27) 1,2-Dichloroethane	5.74	62	326	0.058	ug/L #	74
34) Trichloroethene	6.55	95	26980	6.590	ug/L	97
35) Methylcyclohexane	6.70	83	5670	0.929	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2848	0.654	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	658	0.110	ug/L #	61
44) trans-1,3-Dichloropropene	8.18	75	391	0.070	ug/L #	77
48) 2-Hexanone	8.64	43	9252	3.540	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	3211	0.990	ug/L	96

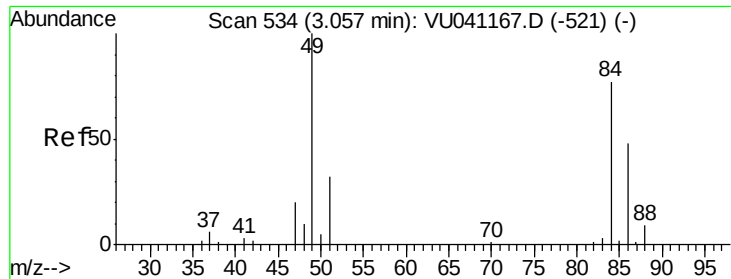
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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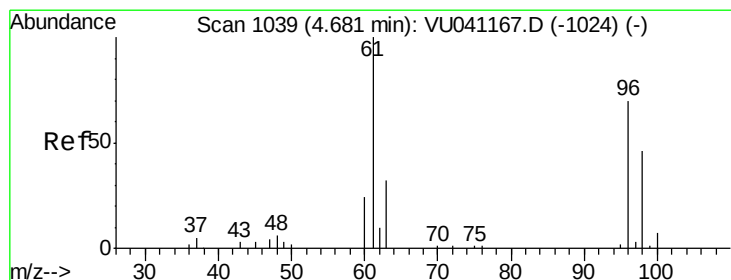
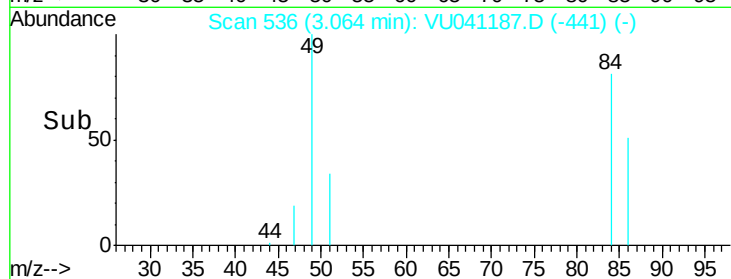
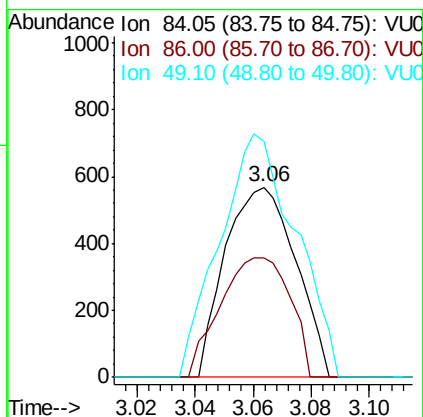
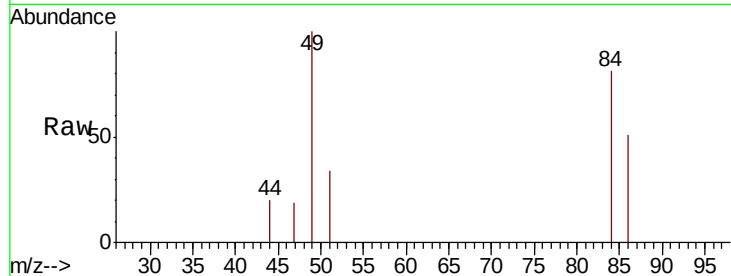




#16
Methylene chloride
Concen: 0.222 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.01 min
Lab File: VU041187.D
Acq: 10 Nov 2020 19:10

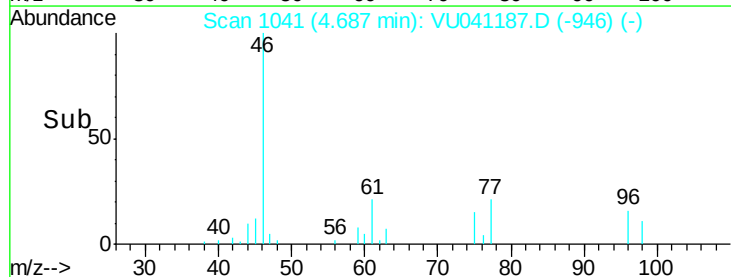
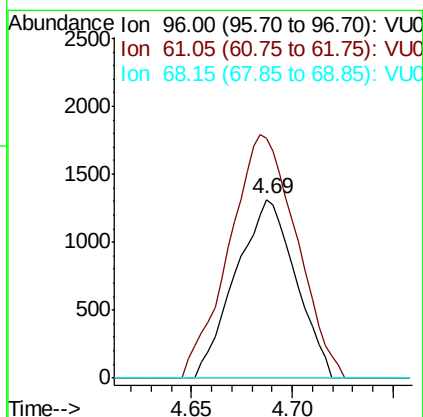
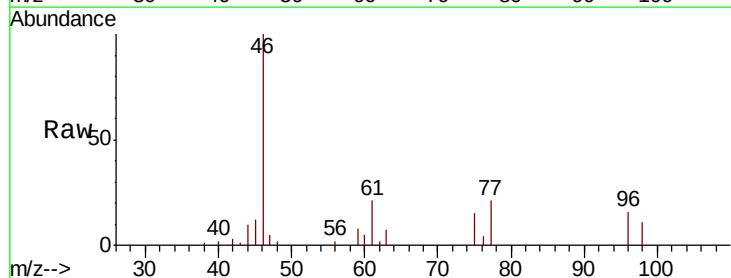
Instrument :
MSVOA_U
ClientSampleId :
GB0T9DL

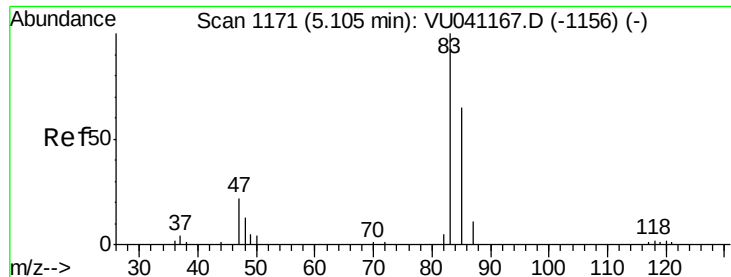
Tot Ion: 84 Resp: 959
Ion Ratio Lower Upper
84 100
86 62.9 42.8 79.6
49 124.1 99.5 184.7



#22
cis-1,2-Dichloroethene
Concen: 0.698 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU041187.D
Acq: 10 Nov 2020 19:10

Tgt Ion: 96 Resp: 2720
Ion Ratio Lower Upper
96 100
61 134.2 97.2 180.4
68 0.0 0.0 0.0

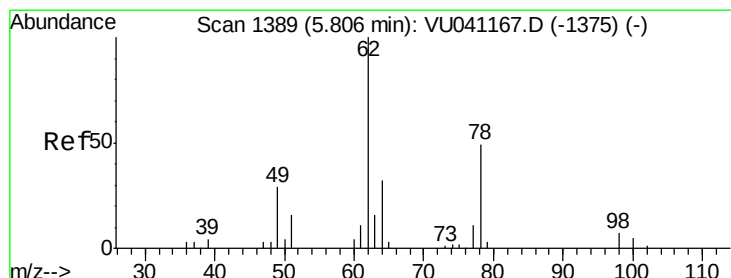
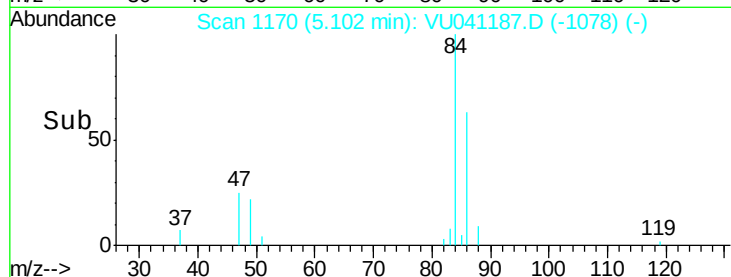
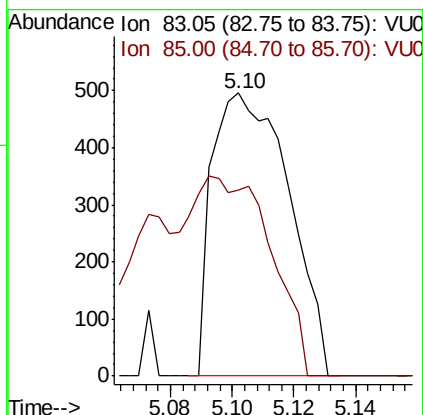
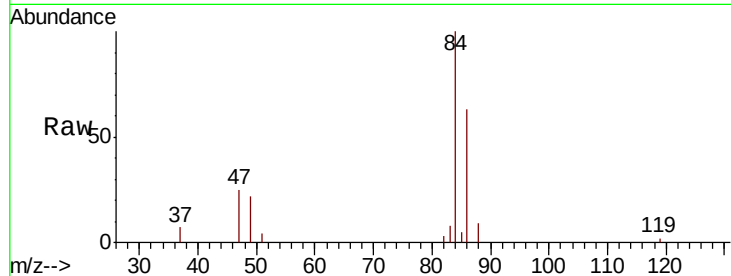




#25
Chloroform
Concen: 0.113 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041187.D
Acq: 10 Nov 2020 19:10

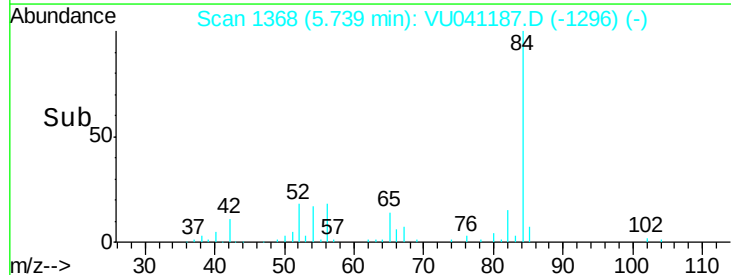
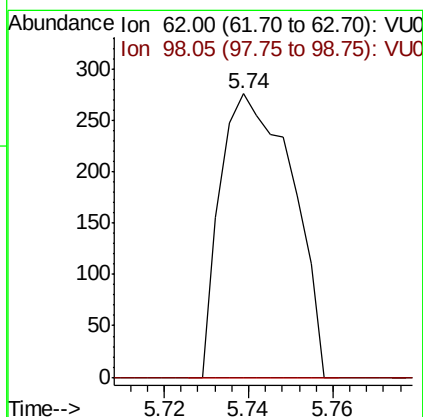
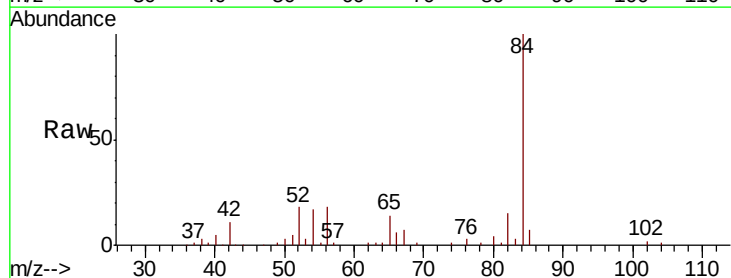
Instrument :
MSVOA_U
ClientSampled :
GB0T9DL

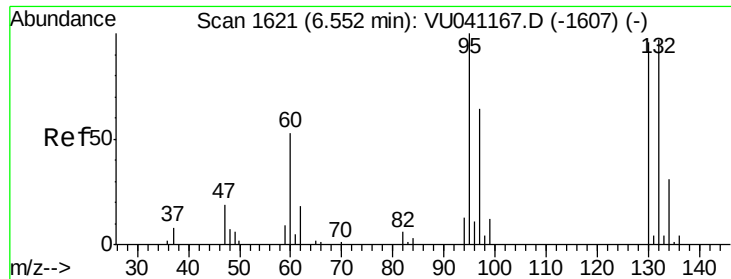
Tot Ion: 83 Resp: 857
Ion Ratio Lower Upper
83 100
85 65.9 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.058 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041187.D
Acq: 10 Nov 2020 19:10

Tgt Ion: 62 Resp: 326
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

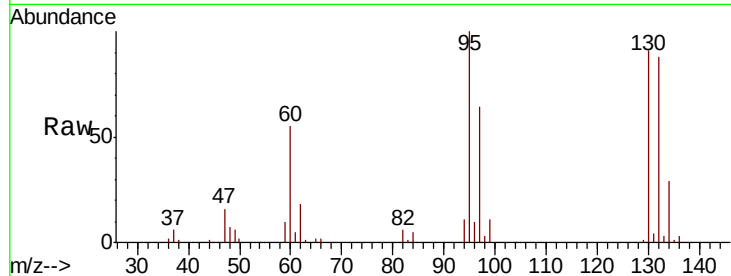




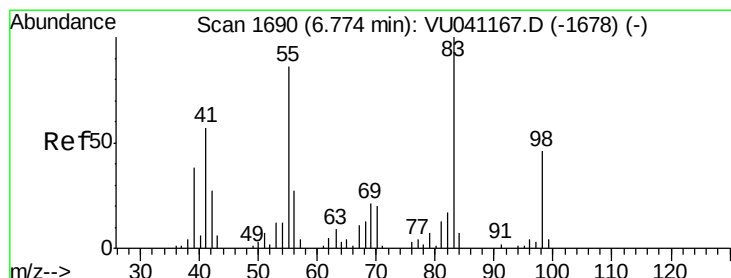
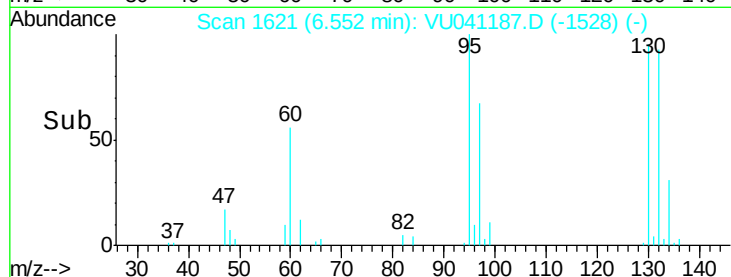
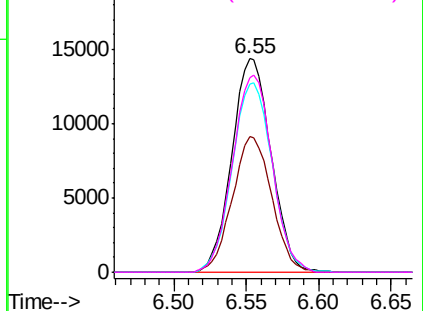
#34
 Trichloroethene
 Concen: 6.590 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041187.D
 Acq: 10 Nov 2020 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T9DL

Tot Ion: 95 Resp: 26980
 Ion Ratio Lower Upper
 95 100
 97 63.7 45.6 84.6
 132 88.2 64.8 120.4
 130 90.9 64.8 120.4

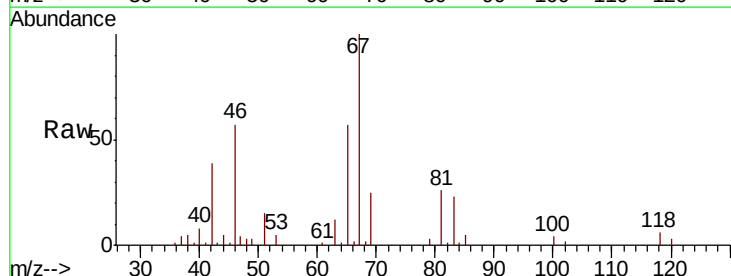


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

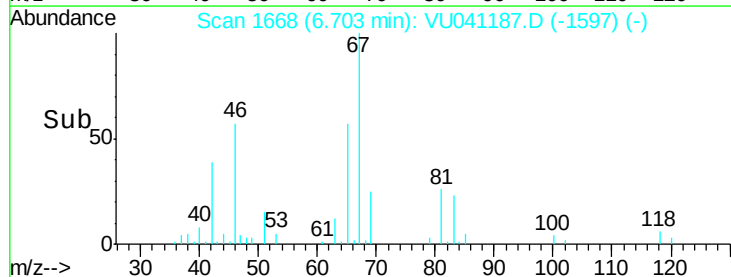
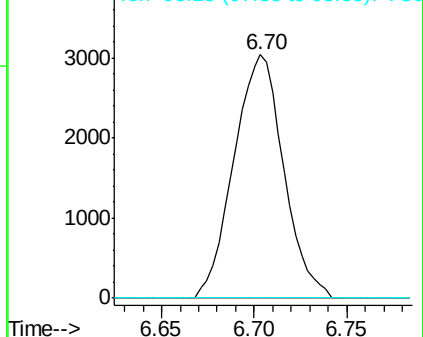


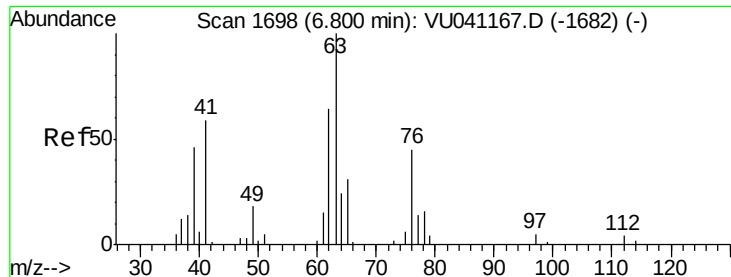
#35
 Methylcyclohexane
 Concen: 0.929 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041187.D
 Acq: 10 Nov 2020 19:10

Tgt Ion: 83 Resp: 5670
 Ion Ratio Lower Upper
 83 100
 55 0.0 72.0 108.0#
 98 0.0 36.6 55.0#



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

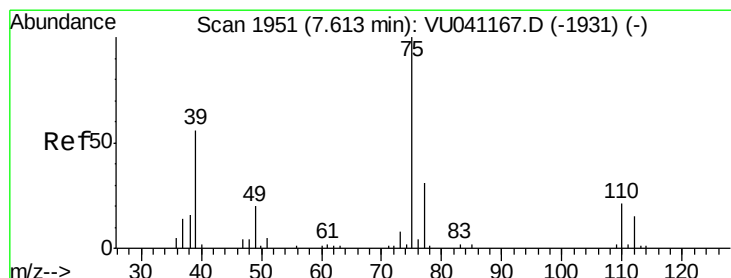
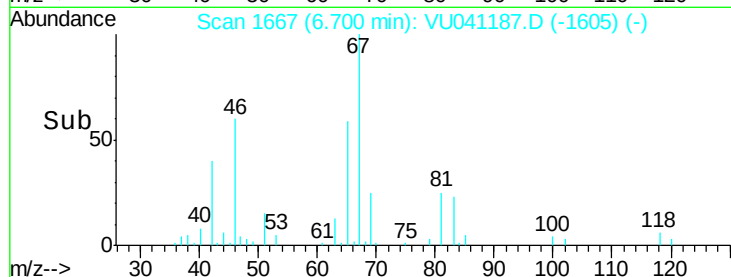
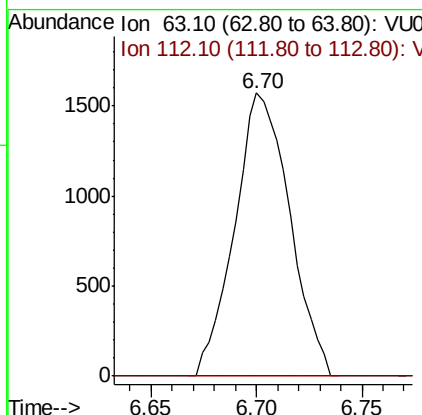
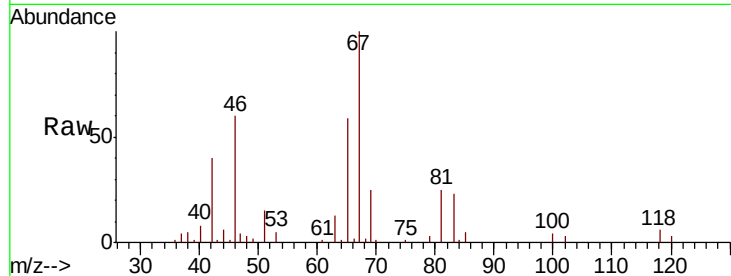




#37
 1,2-Dichloropropane
 Concen: 0.654 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041187.D
 Acq: 10 Nov 2020 19:10

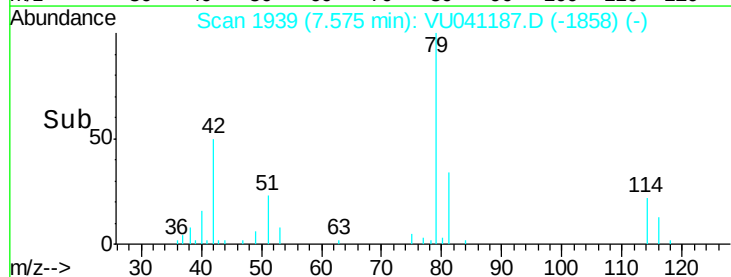
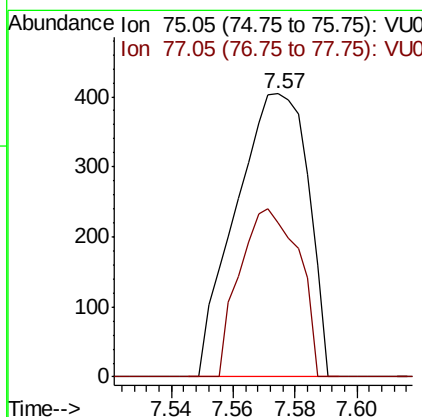
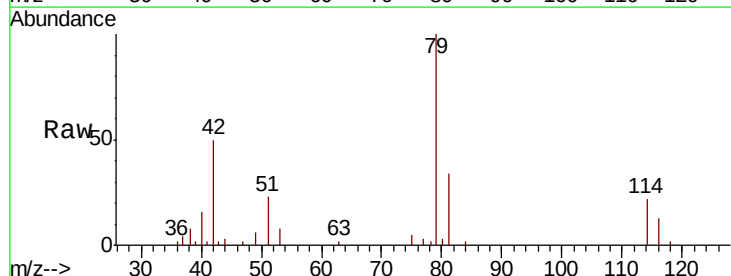
Instrument :
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 ClientSampleId :
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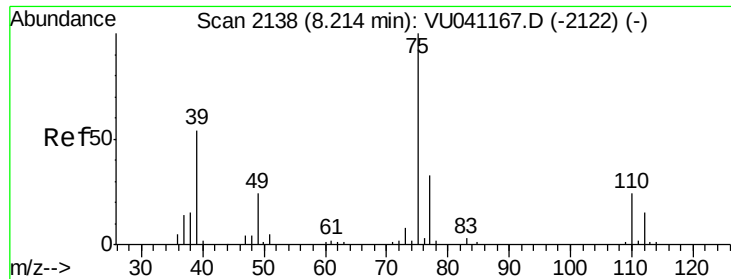
Tot Ion: 63 Resp: 2848
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041187.D
 Acq: 10 Nov 2020 19:10

Tgt Ion: 75 Resp: 658
 Ion Ratio Lower Upper
 75 100
 77 54.5 22.7 42.3#





#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041187.D

Acq: 10 Nov 2020 19:10

Instrument :

MSVOA_U

ClientSampleId :

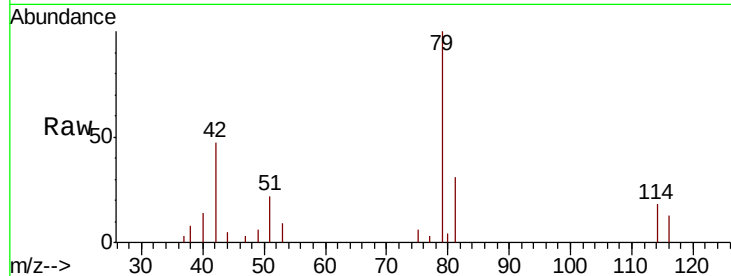
GB0T9DL

Tot Ion: 75 Resp: 391

Ion Ratio Lower Upper

75 100

77 46.1 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

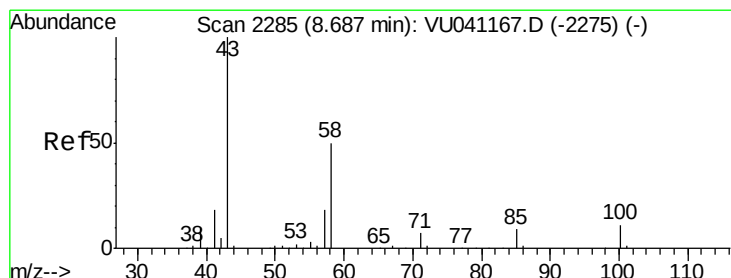
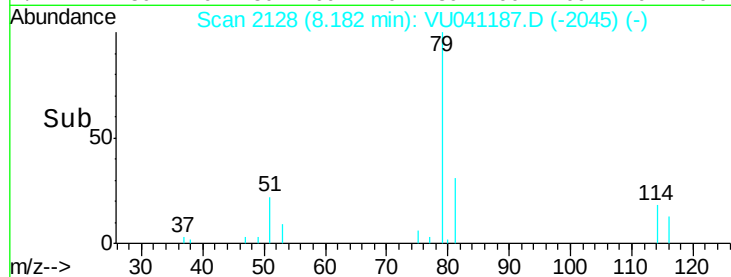
300

200

100

0

Time-->



#48

2-Hexanone

Concen: 3.540 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041187.D

Acq: 10 Nov 2020 19:10

Tgt Ion: 43 Resp: 9252

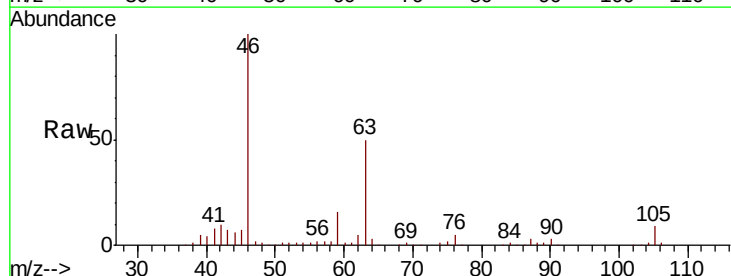
Ion Ratio Lower Upper

43 100

58 27.1 41.4 62.2#

57 27.5 14.6 21.8#

100 0.6 8.3 12.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

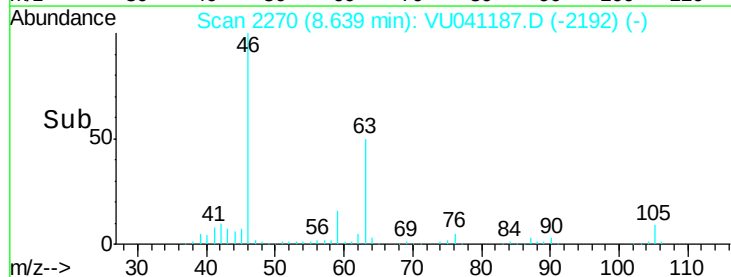
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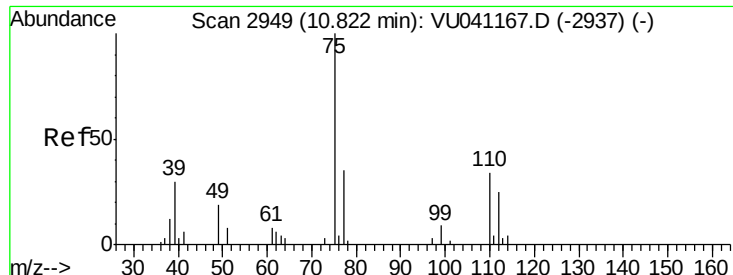
4000

2000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.990 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041187.D

Acq: 10 Nov 2020 19:10

Instrument :

MSVOA_U

ClientSampleId :

GB0T9DL

Tot Ion: 75 Resp: 3211

Ion Ratio Lower Upper

75 100

77 34.1 25.7 38.5

