

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040959.D
 Acq On : 26 Oct 2020 22:24
 Operator : SY/MD
 Sample : L4492-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP3

Quant Time: Oct 27 05:32:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 05:24:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51816	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	55771	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22010	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13149	3.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.40%
7) Chloroethane-d5	1.92	69	13790	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.58	63	22583	2.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.80%#
20) 2-Butanone-d5	4.66	46	86261	60.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.34%
24) Chloroform-d	5.08	84	35767	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.72	65	22863	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.74	84	60680	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.70	67	22280	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.91	98	45406	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.20%#
43) trans-1,3-Dichloropropene-	8.19	79	7756	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.64	63	58670	51.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22348	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	19288	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

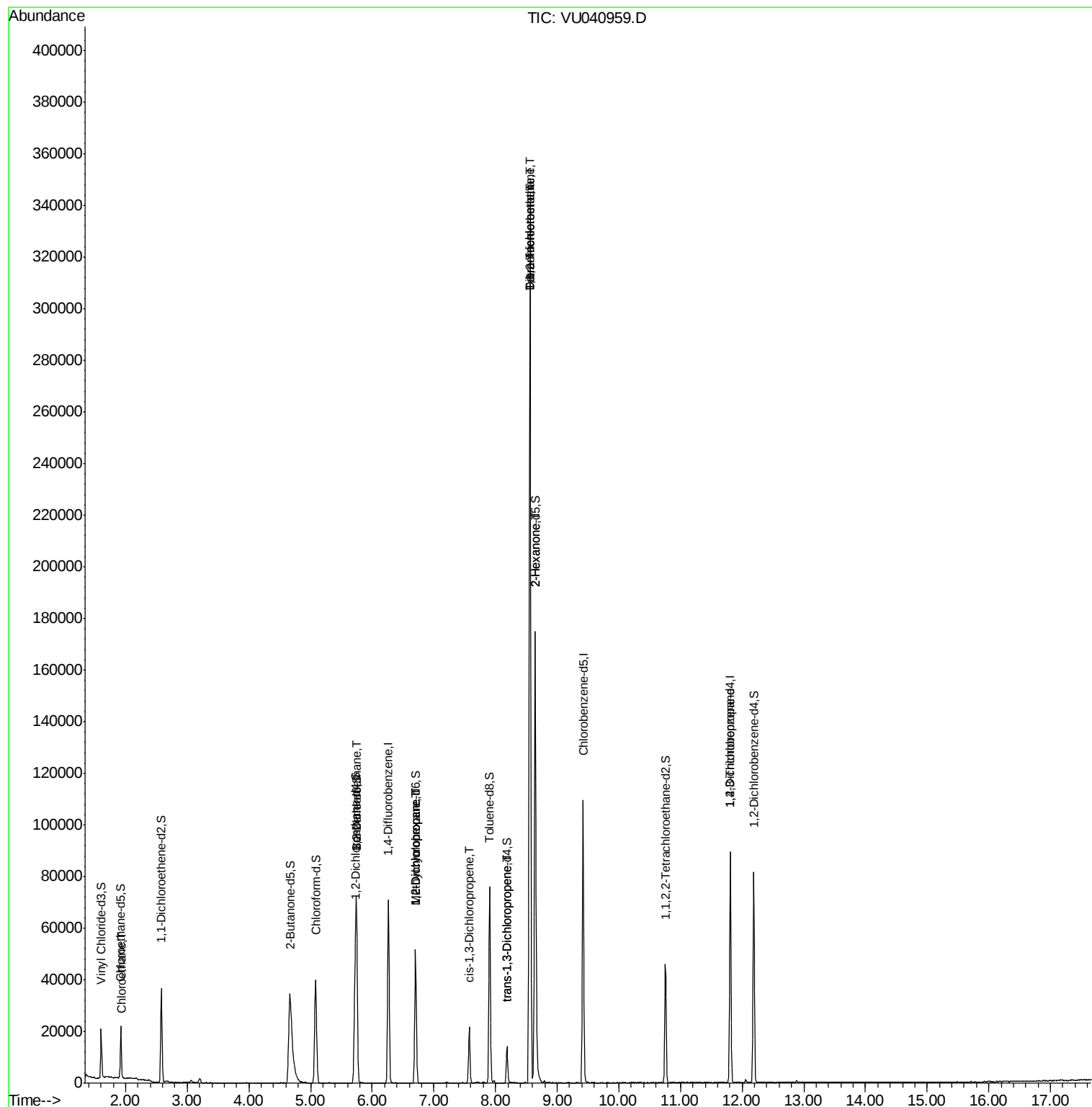
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	297	0.096	ug/L #	43
27) 1,2-Dichloroethane	5.74	62	291	0.052	ug/L #	74
35) Methylcyclohexane	6.70	83	5237	0.828	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	2577	0.572	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	530	0.085	ug/L	84
44) trans-1,3-Dichloropropene	8.19	75	302	0.052	ug/L #	41
45) 1,1,2-Trichloroethane	8.56	97	639	0.190	ug/L #	1
47) Tetrachloroethene	8.56	164	67894	21.772	ug/L	99
48) 2-Hexanone	8.64	43	8179	3.021	ug/L #	73
49) Dibromochloromethane	8.56	129	66472	17.052	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	3216	0.957	ug/L	97

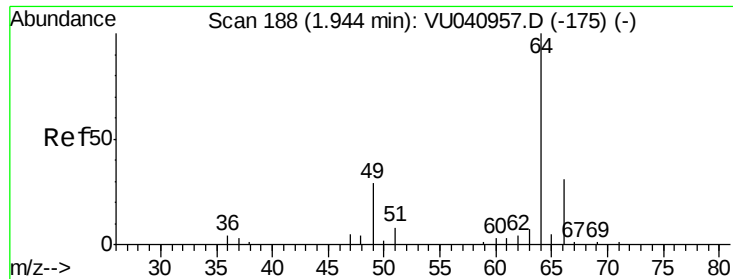
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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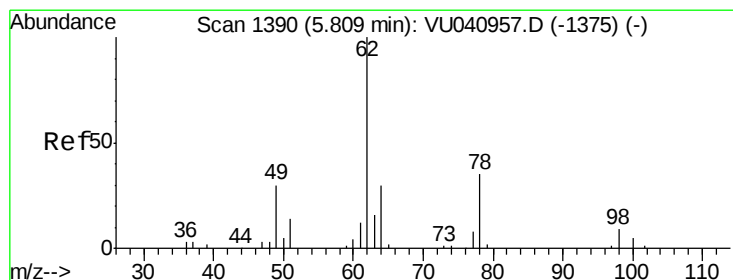
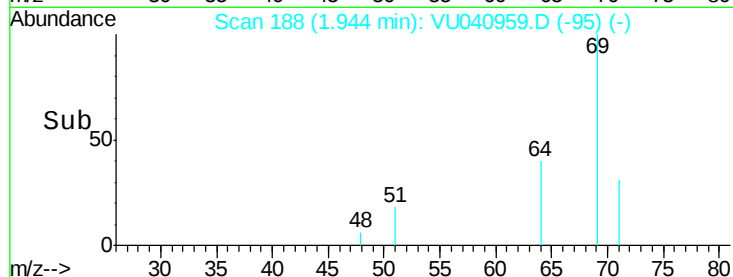
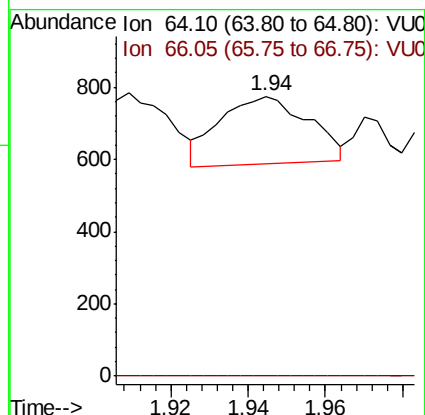
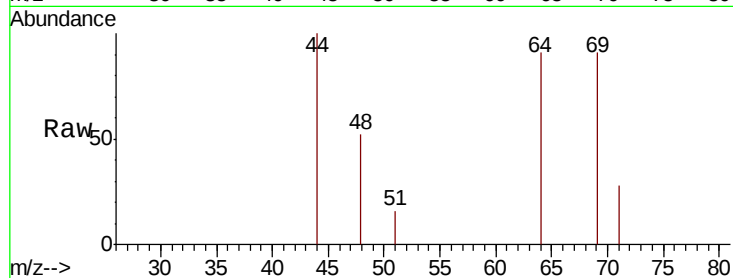




#8
Chloroethane
Concen: 0.096 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU040959.D
Acq: 26 Oct 2020 22:24

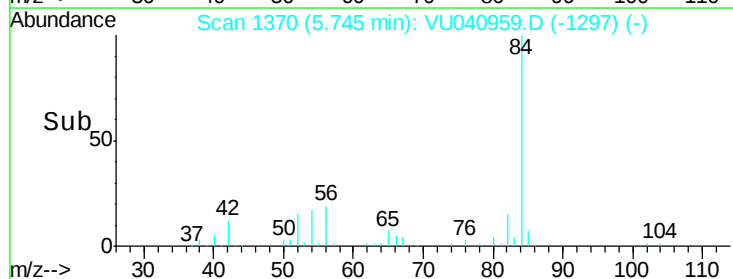
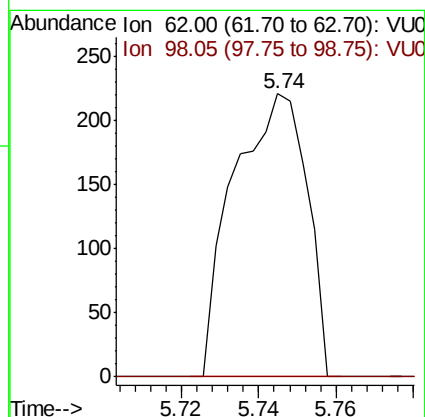
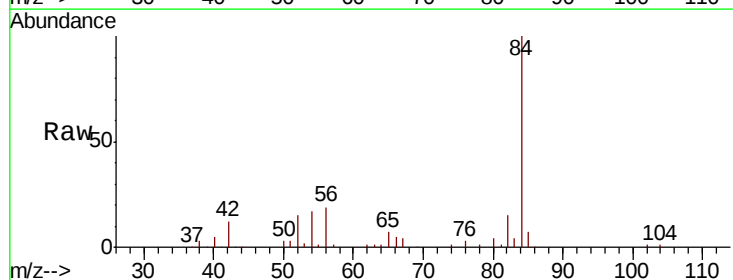
Instrument :
MSVOA_U
ClientSampleId :
C0AP3

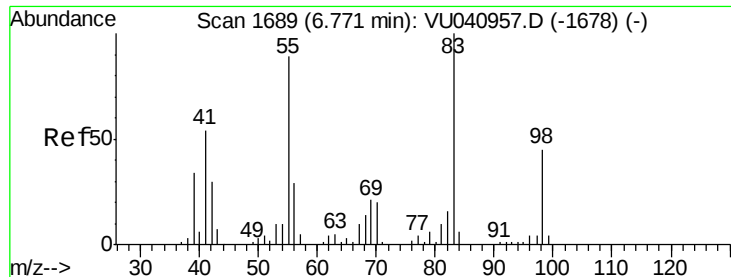
Tot Ion: 64 Resp: 297
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.5#



#27
1,2-Dichloroethane
Concen: 0.052 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040959.D
Acq: 26 Oct 2020 22:24

Tgt Ion: 62 Resp: 291
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

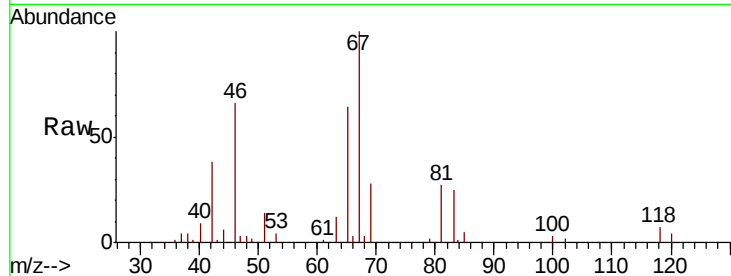




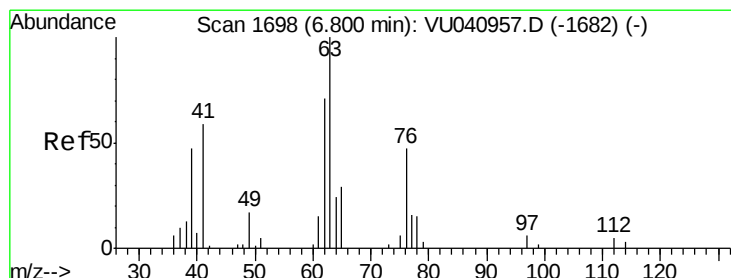
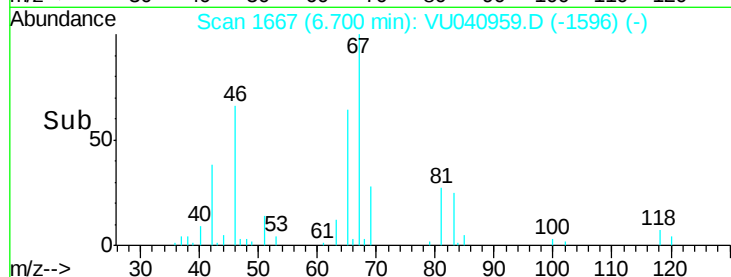
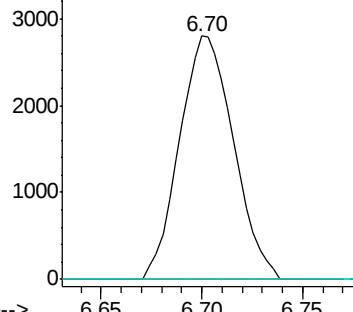
#35
Methvlcvclohexane
Concen: 0.828 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040959.D
Acq: 26 Oct 2020 22:24

Instrument :
MSVOA_U
ClientSampleId :
C0AP3

Tot Ion: 83 Resp: 5237
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

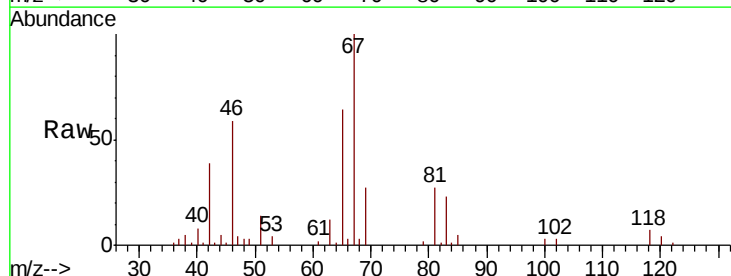


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

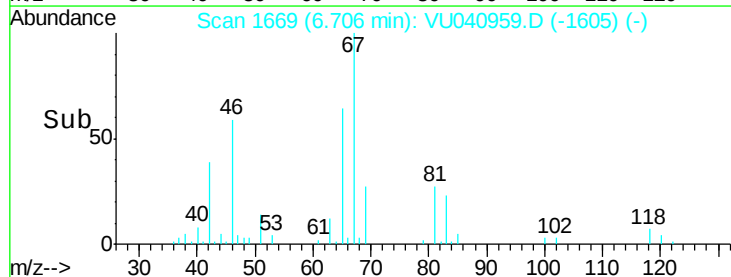
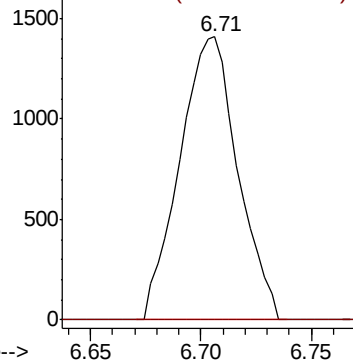


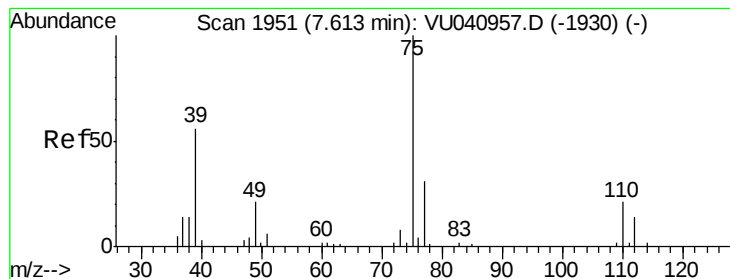
#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040959.D
Acq: 26 Oct 2020 22:24

Tgt Ion: 63 Resp: 2577
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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



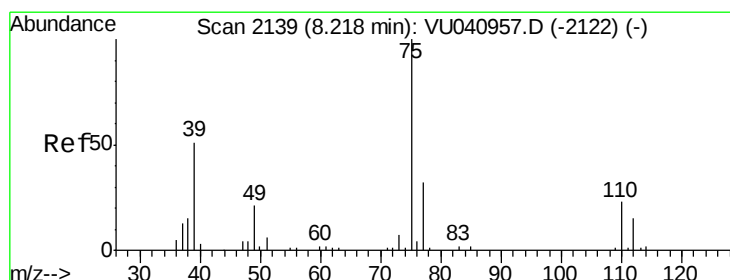
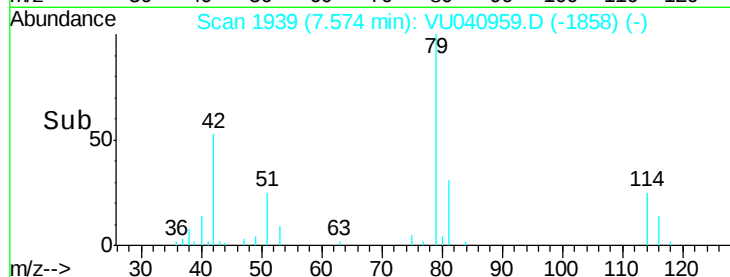
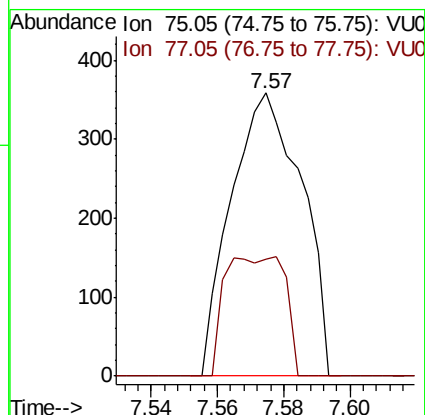
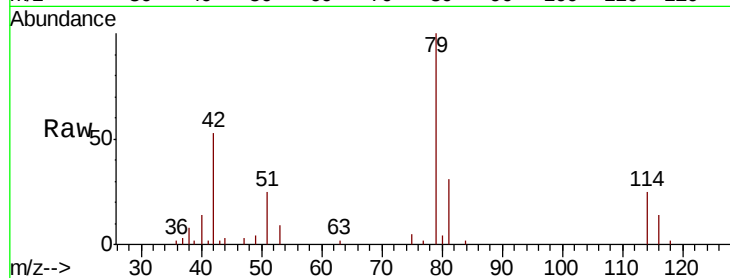


#39

cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040959.D
 Acq: 26 Oct 2020 22:24

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP3

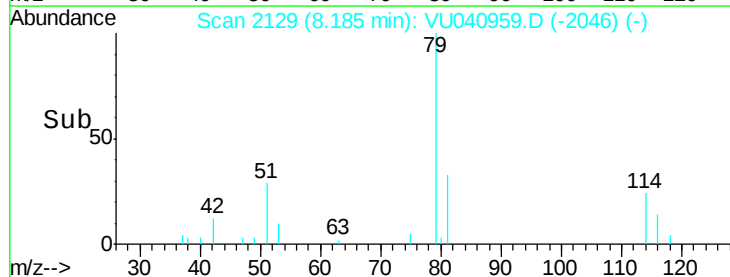
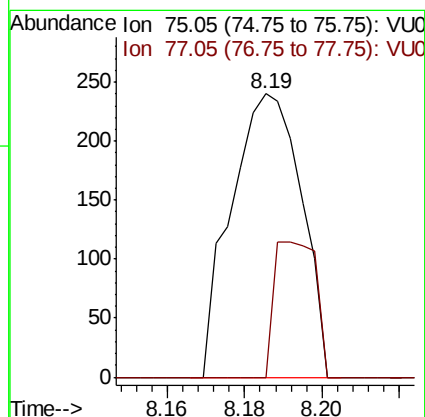
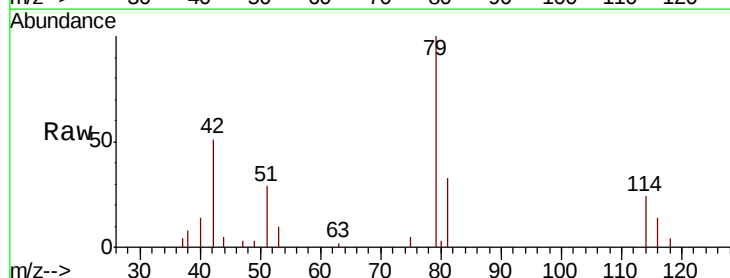
Tot Ion: 75 Resp: 530
 Ion Ratio Lower Upper
 75 100
 77 41.3 22.7 42.3

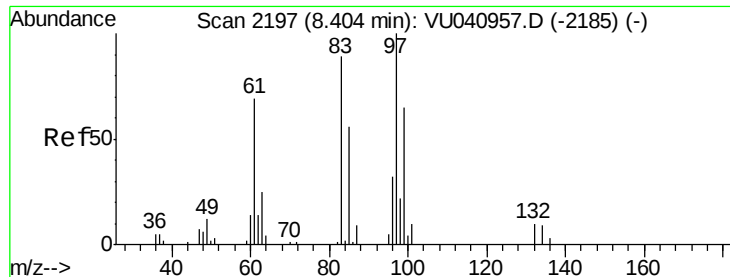


#44

trans-1,3-Dichloropropene
 Concen: 0.052 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040959.D
 Acq: 26 Oct 2020 22:24

Tgt Ion: 75 Resp: 302
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.3 43.3#





#45

1,1,2-Trichloroethane

Concen: 0.190 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.15 min

Lab File: VU040959.D

Acq: 26 Oct 2020 22:24

Instrument :

MSVOA_U

ClientSampleId :

C0AP3

Tot Ion: 97 Resp: 639

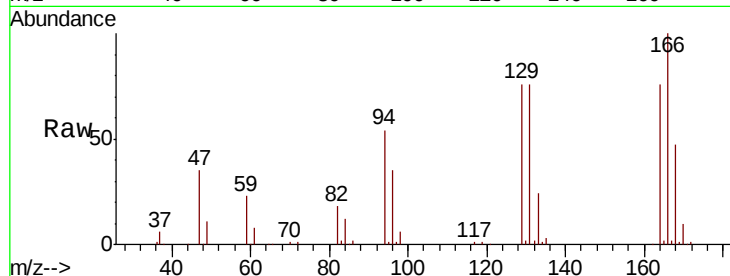
Ion Ratio Lower Upper

97 100

99 0.0 45.8 85.2#

83 253.7 67.9 126.1#

85 41.8 42.8 79.6#



Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

1500

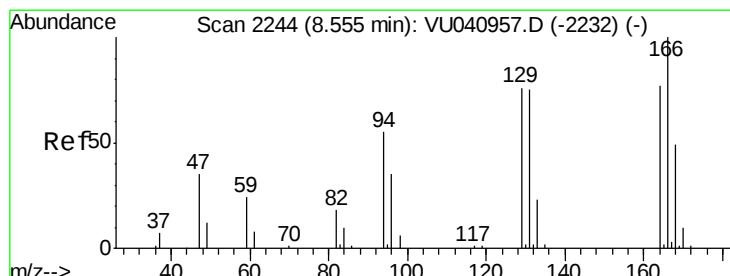
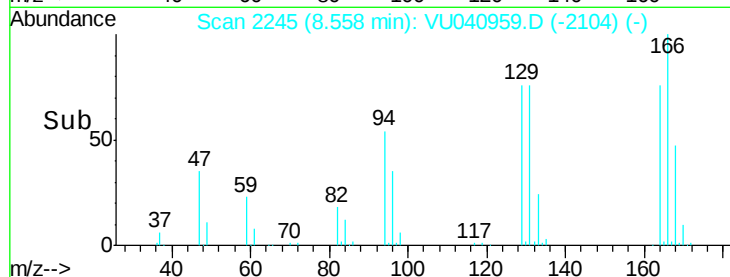
1000

500

0

8.52 8.54 8.56 8.58

Time-->



#47

Tetrachloroethene

Concen: 21.772 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040959.D

Acq: 26 Oct 2020 22:24

Tgt Ion: 164 Resp: 67894

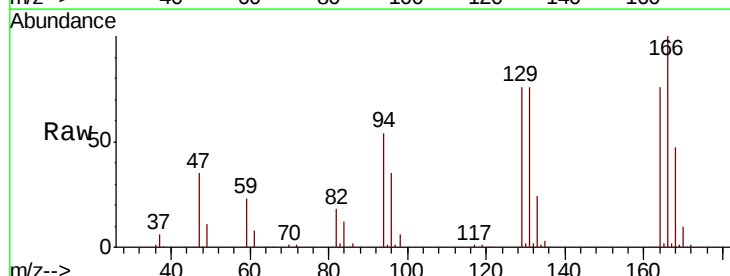
Ion Ratio Lower Upper

164 100

129 99.4 70.3 130.7

131 99.7 70.8 131.4

166 131.3 92.0 170.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

80000

60000

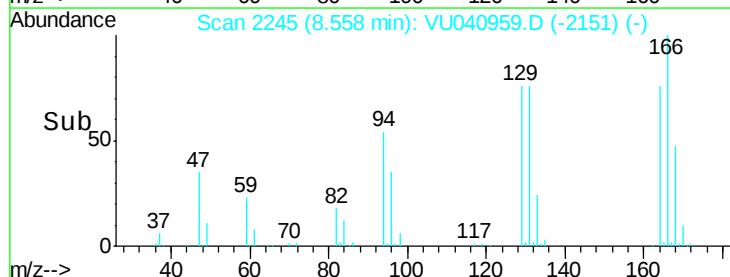
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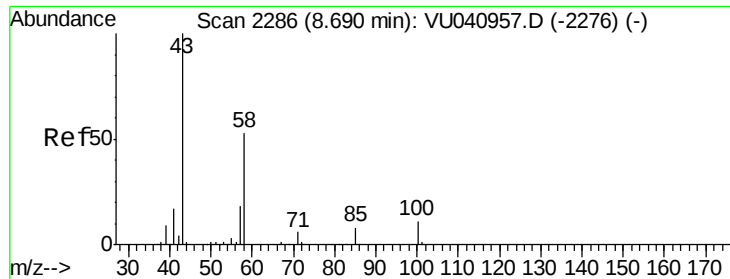
20000

0

8.50 8.55 8.60 8.65

Time-->

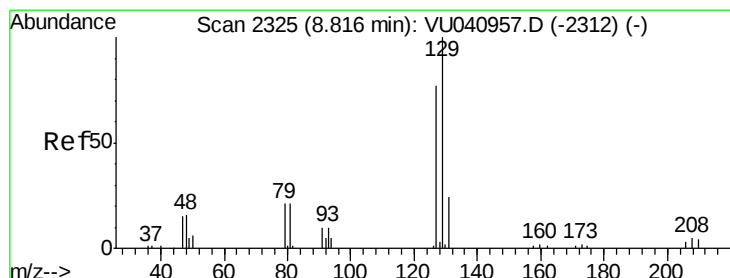
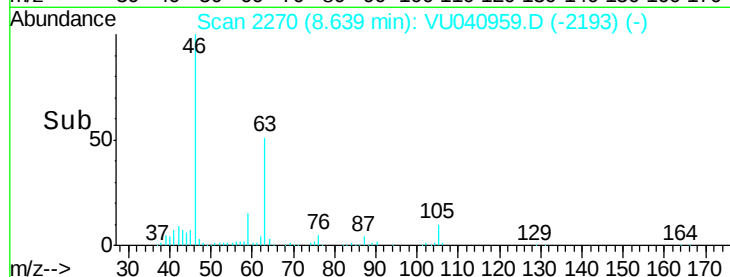
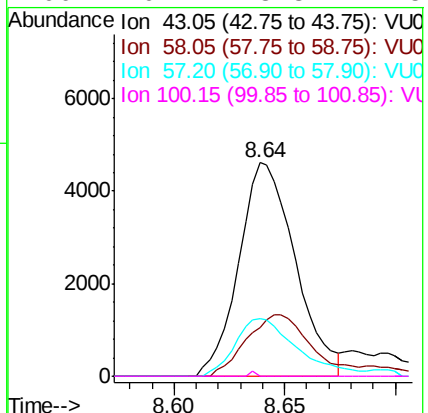
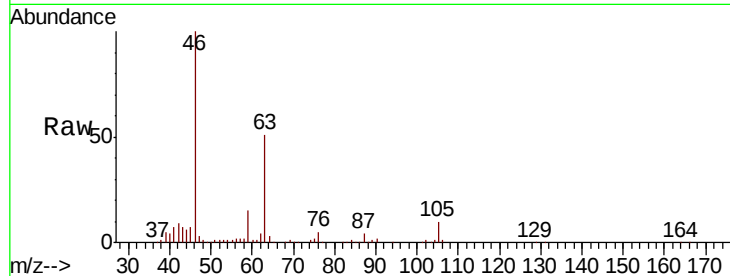




#48
2-Hexanone
Concen: 3.021 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040959.D
Acq: 26 Oct 2020 22:24

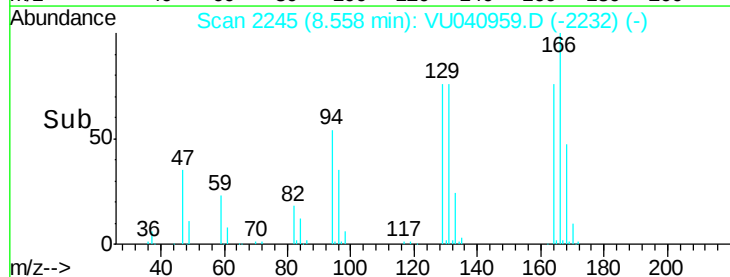
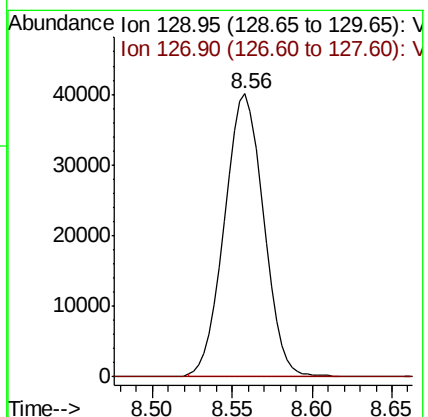
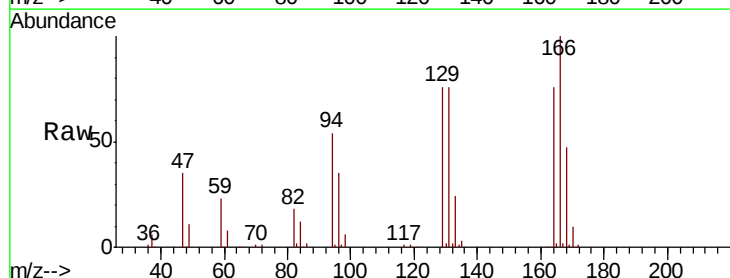
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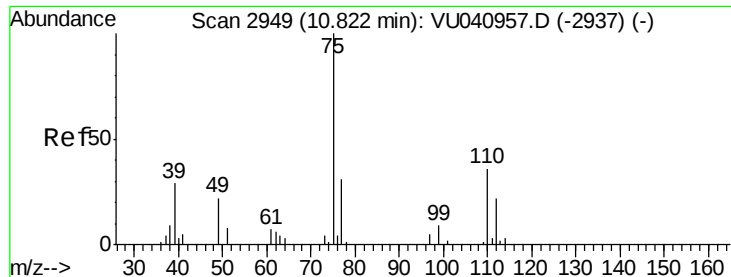
Tot Ion: 43 Resp: 8179
Ion Ratio Lower Upper
43 100
58 33.1 41.4 62.2#
57 29.7 14.6 21.8#
100 0.2 8.3 12.5#



#49
Dibromochloromethane
Concen: 17.052 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU040959.D
Acq: 26 Oct 2020 22:24

Tgt Ion: 129 Resp: 66472
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#59

1,2,3-Trichloropropane

Concen: 0.957 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040959.D

Acq: 26 Oct 2020 22:24

Instrument :

MSVOA_U

ClientSampleId :

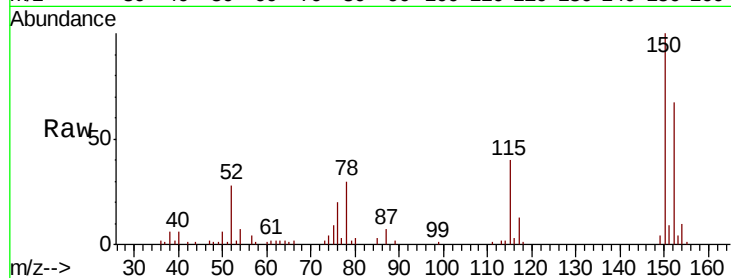
C0AP3

Tot Ion: 75 Resp: 3216

Ion Ratio Lower Upper

75 100

77 33.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

