

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040941.D
 Acq On : 26 Oct 2020 14:05
 Operator : SY/MD
 Sample : L4492-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COANO

Quant Time: Oct 27 03:15:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 03:00:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	57176	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	60246	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24253	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13894	2.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.80%
7) Chloroethane-d5	1.92	69	14478	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.58	63	23771	2.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.40%#
20) 2-Butanone-d5	4.66	46	87068	55.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.08%
24) Chloroform-d	5.08	84	36996	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.72	65	24355	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.74	84	64442	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.70	67	23432	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.91	98	48758	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.80%#
43) trans-1,3-Dichloropropene-	8.19	79	8865	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.64	63	60303	49.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22564	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	21958	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

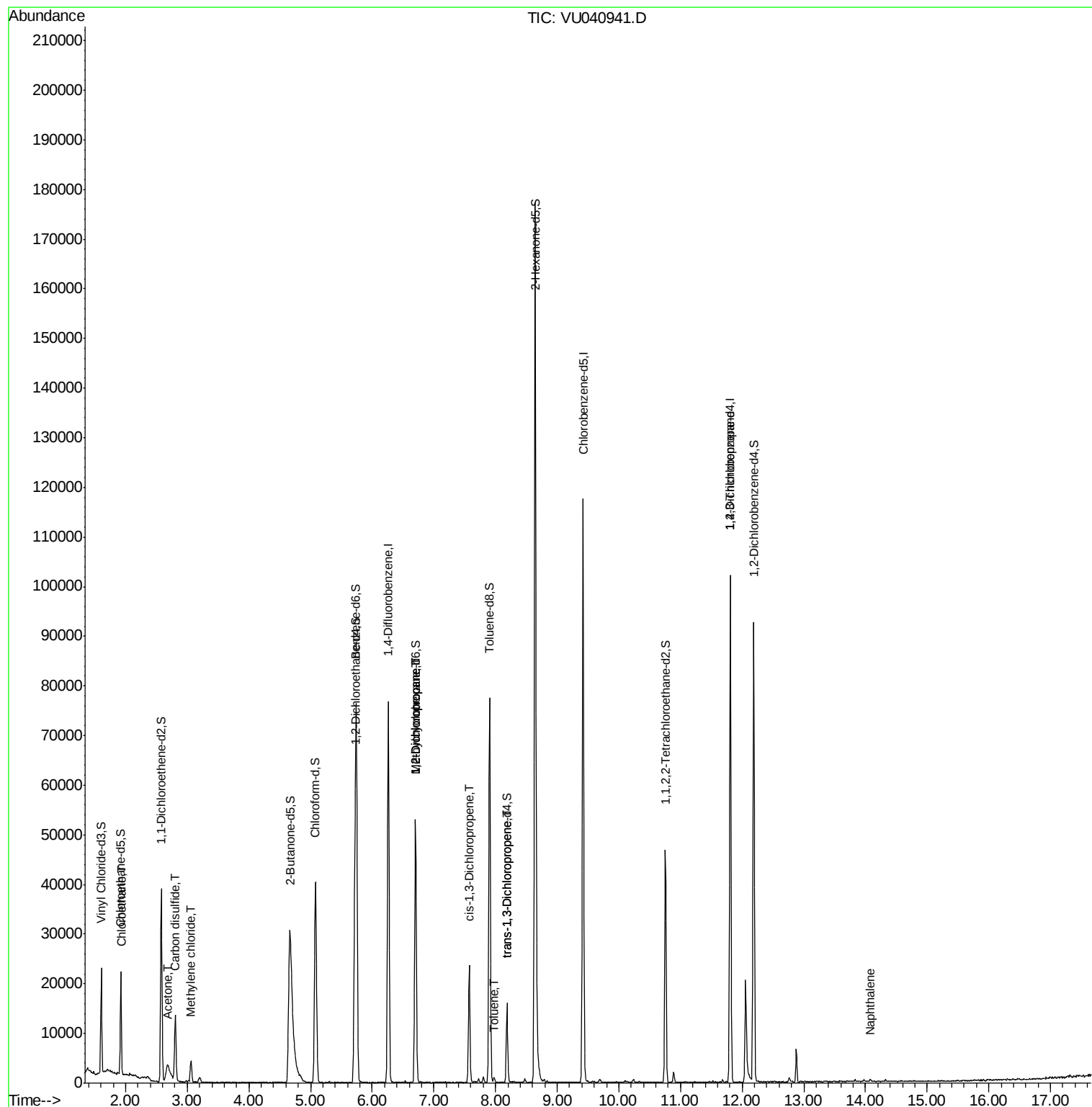
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	203	0.060	ug/L #	43
13) Acetone	2.68	43	11219	10.374	ug/L	88
14) Carbon disulfide	2.81	76	16497	1.222	ug/L	97
16) Methylene chloride	3.06	84	1950	0.414	ug/L	86
35) Methylcyclohexane	6.70	83	5482	0.802	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2599	0.534	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	641	0.096	ug/L	86
42) Toluene	7.98	91	953	0.052	ug/L	86
44) trans-1,3-Dichloropropene	8.19	75	346	0.055	ug/L #	82
59) 1,2,3-Trichloropropane	11.81	75	3717	1.024	ug/L	99
69) Naphthalene	14.08	128	770	0.106	ug/L #	69

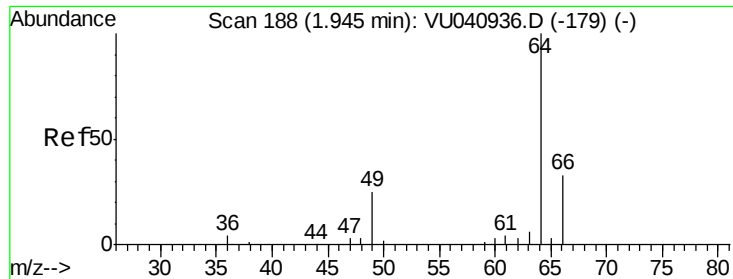
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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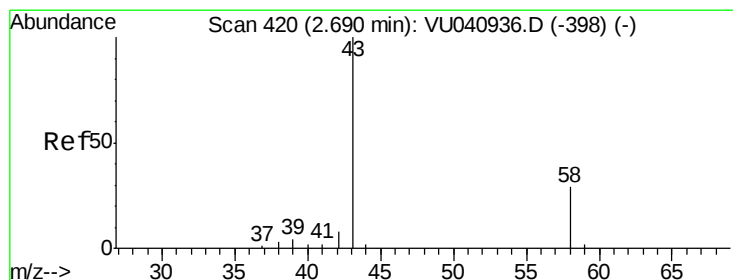
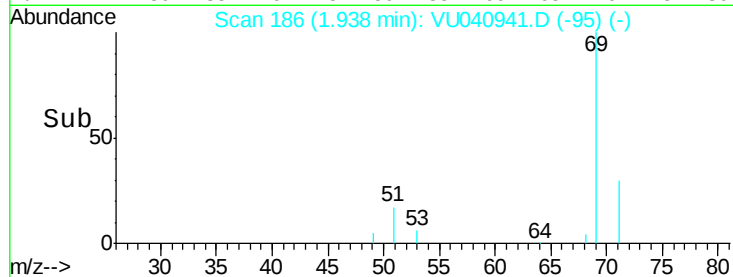
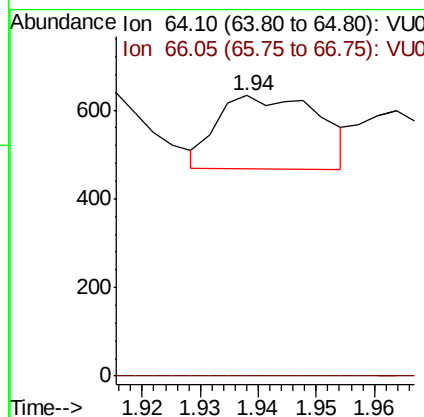
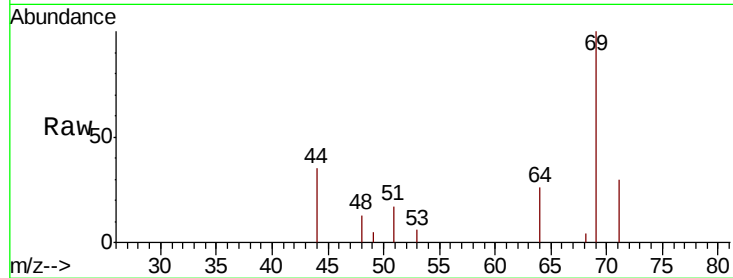




#8
 Chloroethane
 Concen: 0.060 ug/L
 RT: 1.94 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: VU040941.D
 Acq: 26 Oct 2020 14:05

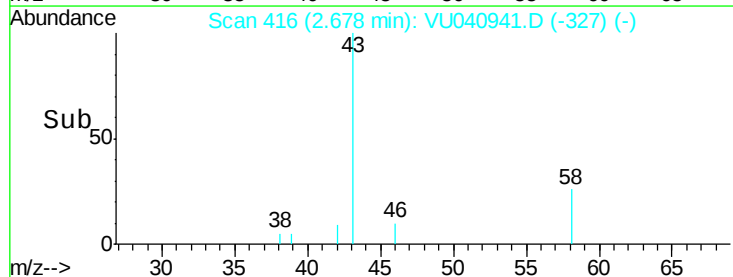
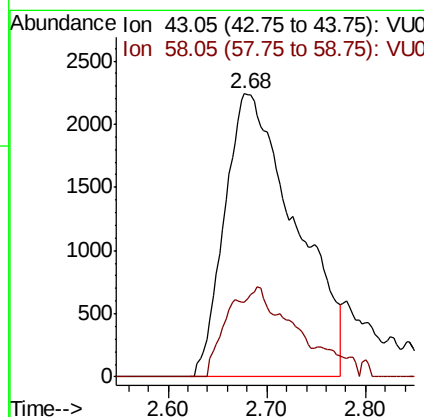
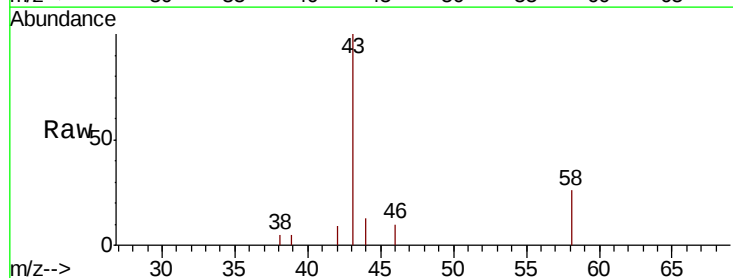
Instrument :
 MSVOA_U
 ClientSampleId :
 COANO

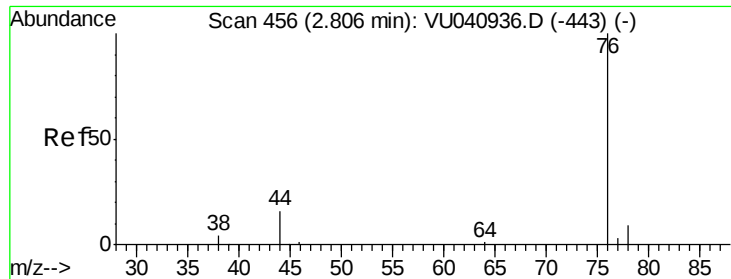
Tot Ion: 64 Resp: 203
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.3 41.5#



#13
 Acetone
 Concen: 10.374 ug/L
 RT: 2.68 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VU040941.D
 Acq: 26 Oct 2020 14:05

Tgt Ion: 43 Resp: 11219
 Ion Ratio Lower Upper
 43 100
 58 8.1 0.0 25.4





#14

Carbon disulfide

Concen: 1.222 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040941.D

Acq: 26 Oct 2020 14:05

Instrument :

MSVOA_U

ClientSampled :

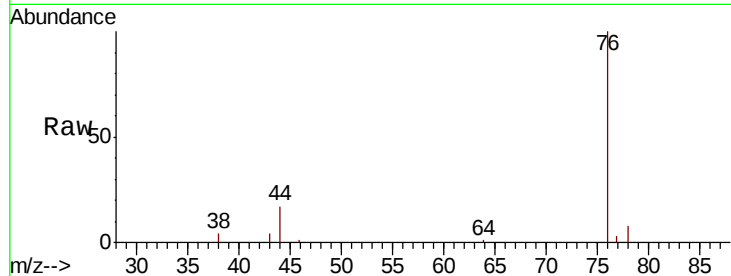
COANO

Tot Ion: 76 Resp: 16497

Ion Ratio Lower Upper

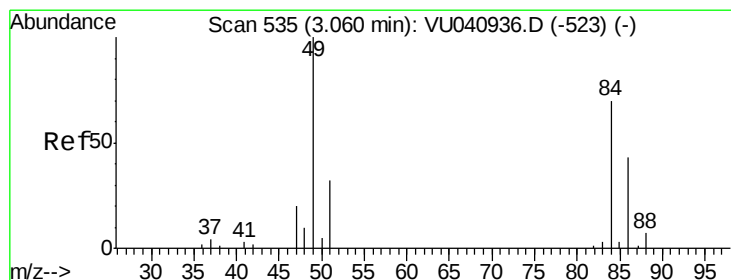
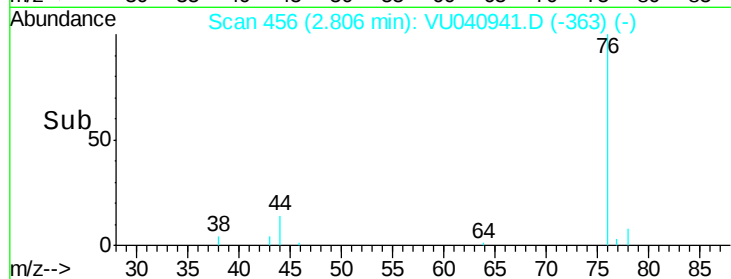
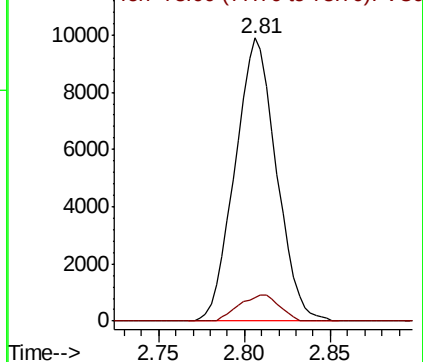
76 100

78 8.3 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU040941.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040941.D (-363) (-)



#16

Methylene chloride

Concen: 0.414 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040941.D

Acq: 26 Oct 2020 14:05

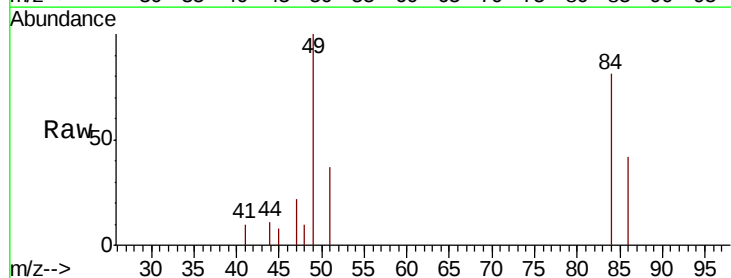
Tgt Ion: 84 Resp: 1950

Ion Ratio Lower Upper

84 100

86 52.2 42.8 79.6

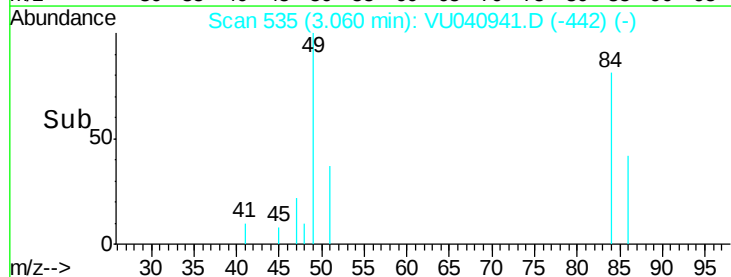
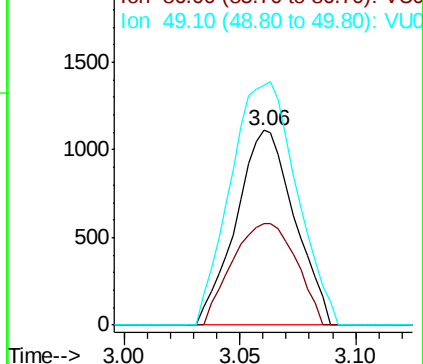
49 123.3 99.5 184.7

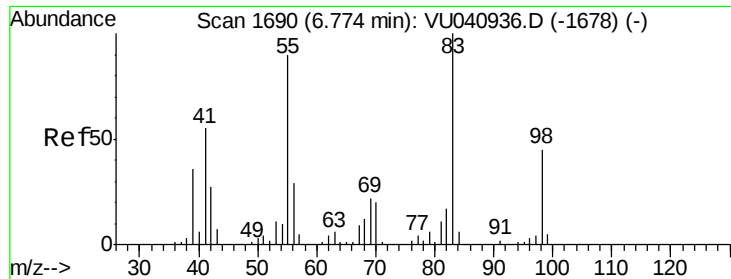


Abundance Ion 84.05 (83.75 to 84.75): VU040941.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU040941.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU040941.D (-442) (-)

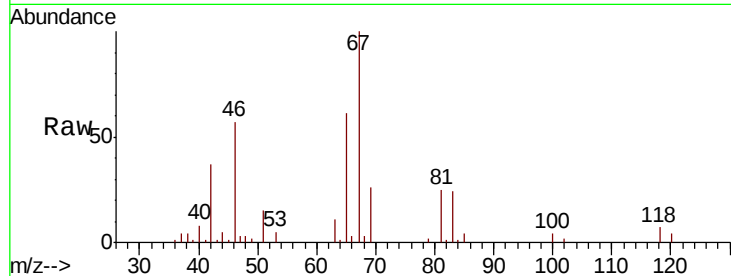




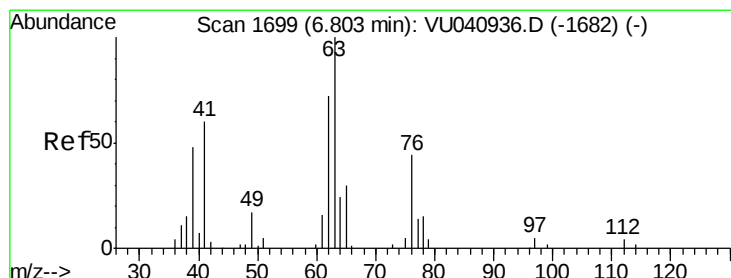
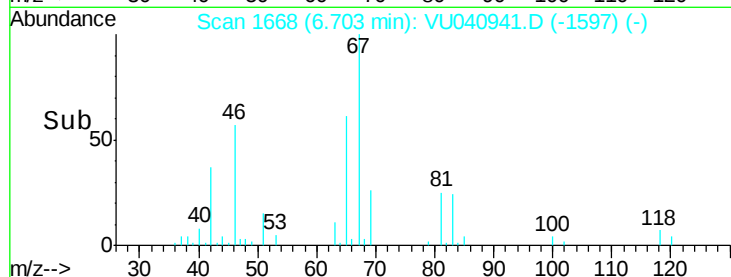
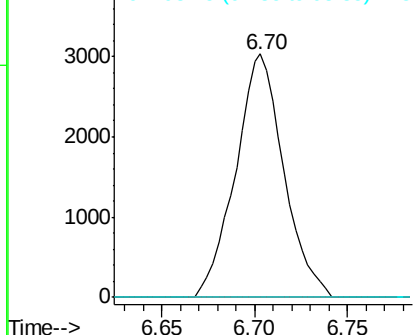
#35
Methvlcvclohexane
Concen: 0.802 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040941.D
Acq: 26 Oct 2020 14:05

Instrument :
MSVOA_U
ClientSampleId :
COANO

Tot Ion: 83 Resp: 5482
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

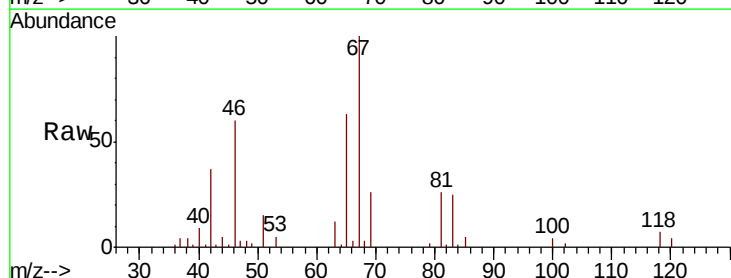


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

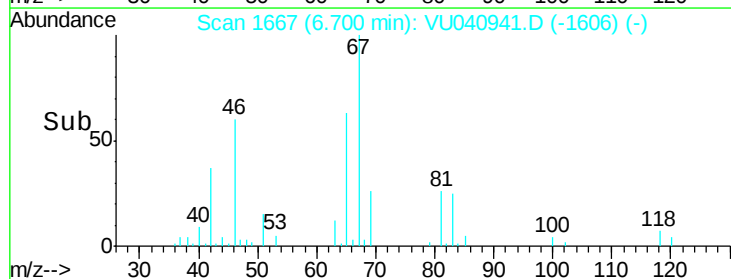
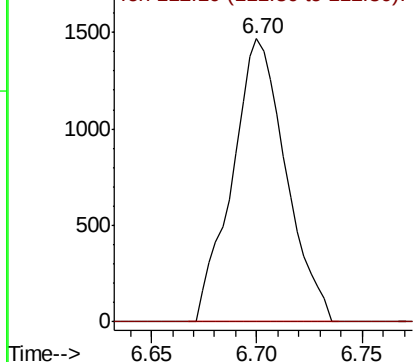


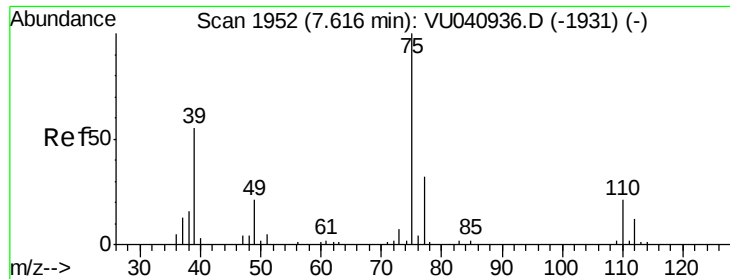
#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040941.D
Acq: 26 Oct 2020 14:05

Tgt Ion: 63 Resp: 2599
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

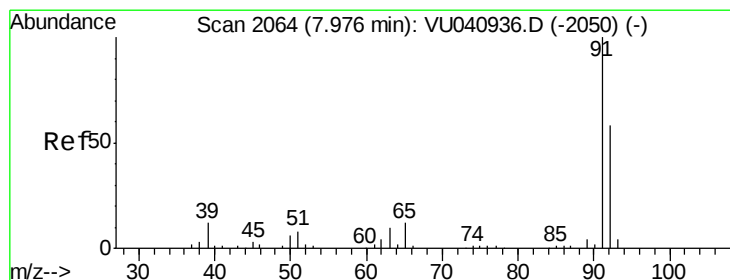
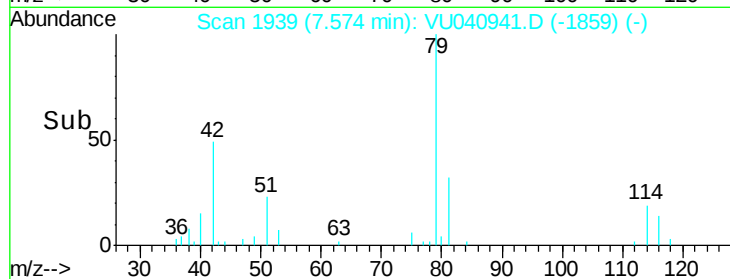
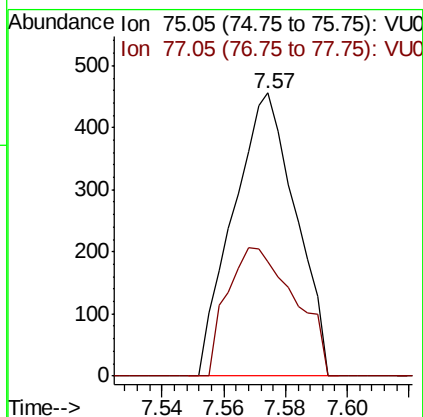
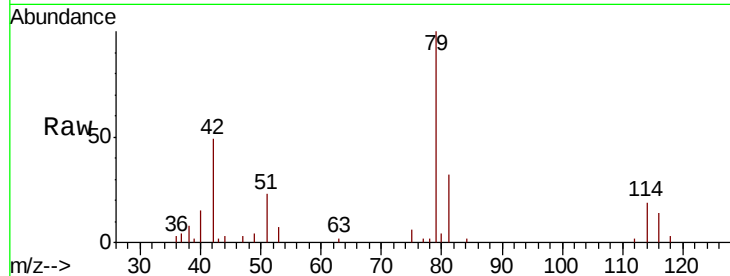




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040941.D
 Acq: 26 Oct 2020 14:05

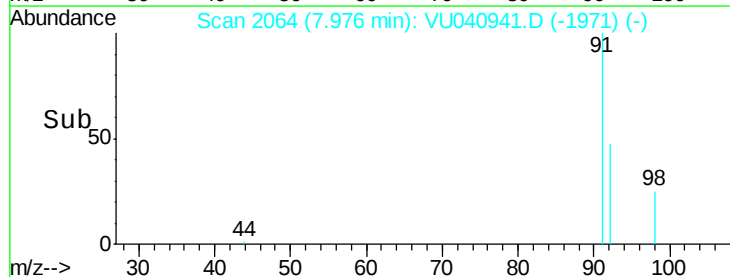
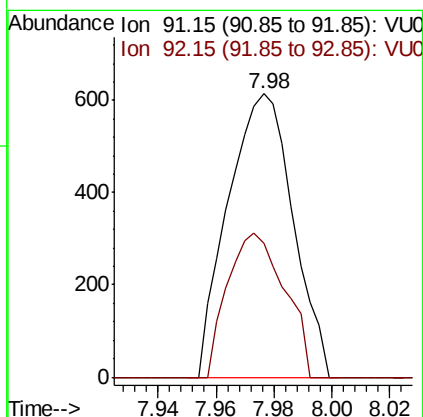
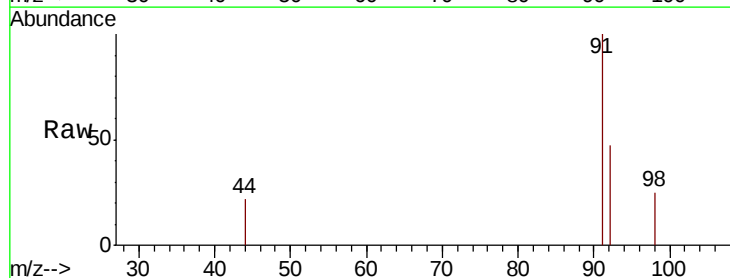
Instrument :
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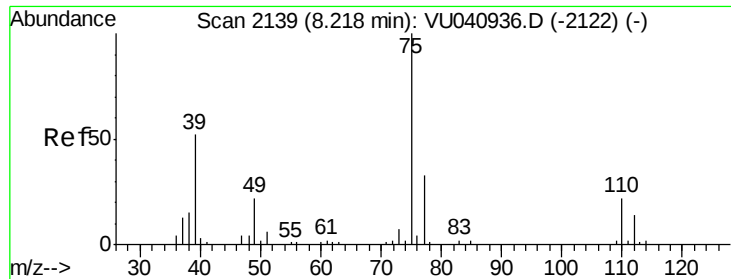
Tot Ion: 75 Resp: 641
 Ion Ratio Lower Upper
 75 100
 77 40.4 22.7 42.3



#42
 Toluene
 Concen: 0.052 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VU040941.D
 Acq: 26 Oct 2020 14:05

Tgt Ion: 91 Resp: 953
 Ion Ratio Lower Upper
 91 100
 92 47.4 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 0.055 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040941.D

Acq: 26 Oct 2020 14:05

Instrument :

MSVOA_U

ClientSampleId :

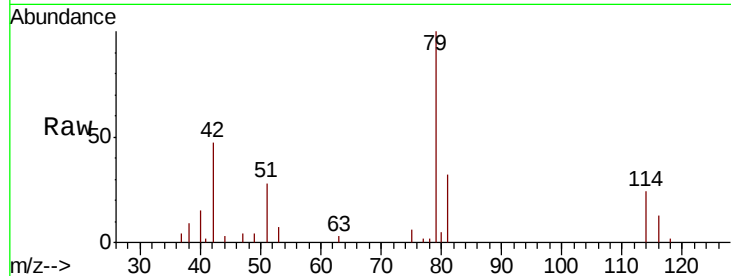
COAN0

Tot Ion: 75 Resp: 346

Ion Ratio Lower Upper

75 100

77 43.6 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

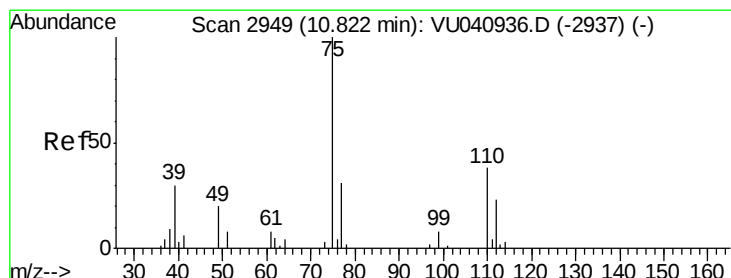
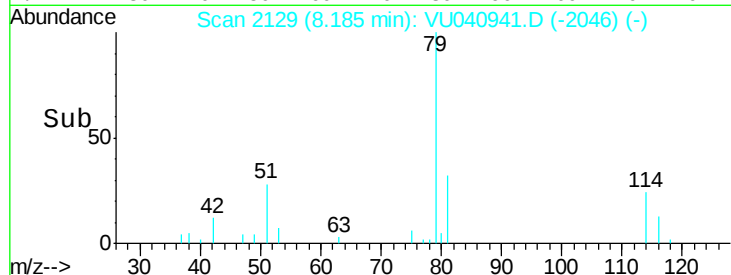
300

200

100

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.024 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040941.D

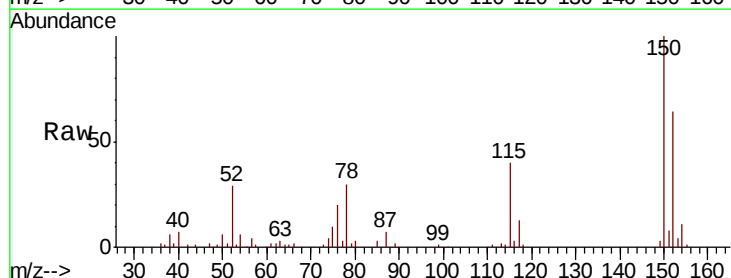
Acq: 26 Oct 2020 14:05

Tgt Ion: 75 Resp: 3717

Ion Ratio Lower Upper

75 100

77 32.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

2500

2000

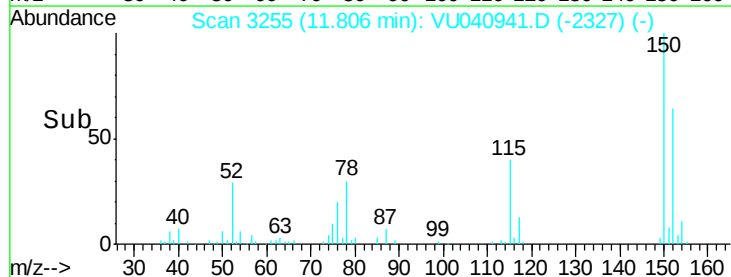
1500

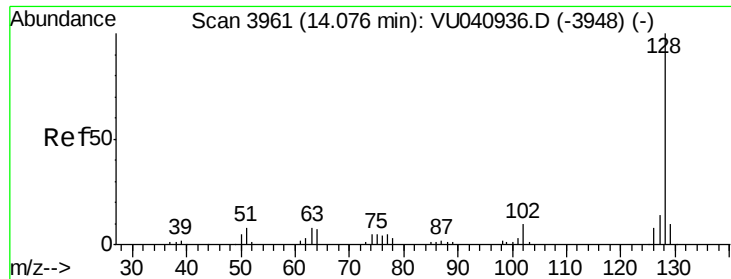
1000

500

0

Time-->





#69

Naphthalene

Concen: 0.106 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU040941.D

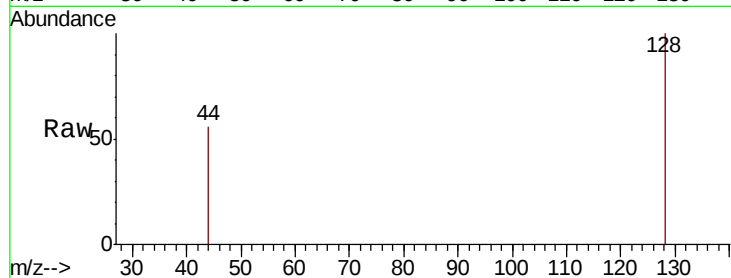
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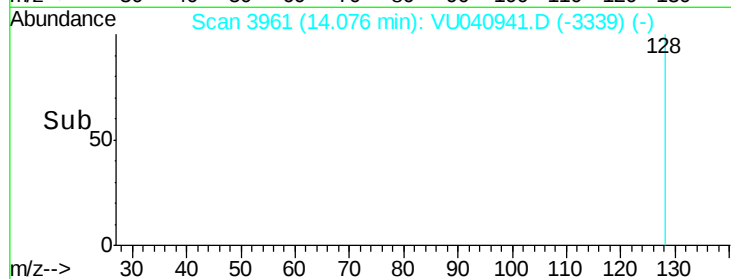
Tot Ion:128 Resp: 770

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

