

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093020\
 Data File : VU040392.D
 Acq On : 30 Sep 2020 12:33
 Operator : SY/MD
 Sample : L4186-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E7

Quant Time: Oct 01 03:06:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 03:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121604	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55671	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27966	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.92	69	27458	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.58	63	44102	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.65	46	146783	49.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.16%
24) Chloroform-d	5.08	84	69714	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	43715	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.74	84	123177	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.70	67	45092	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.91	98	95244	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.19	79	17076	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.64	63	104194	46.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42730	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	43754	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

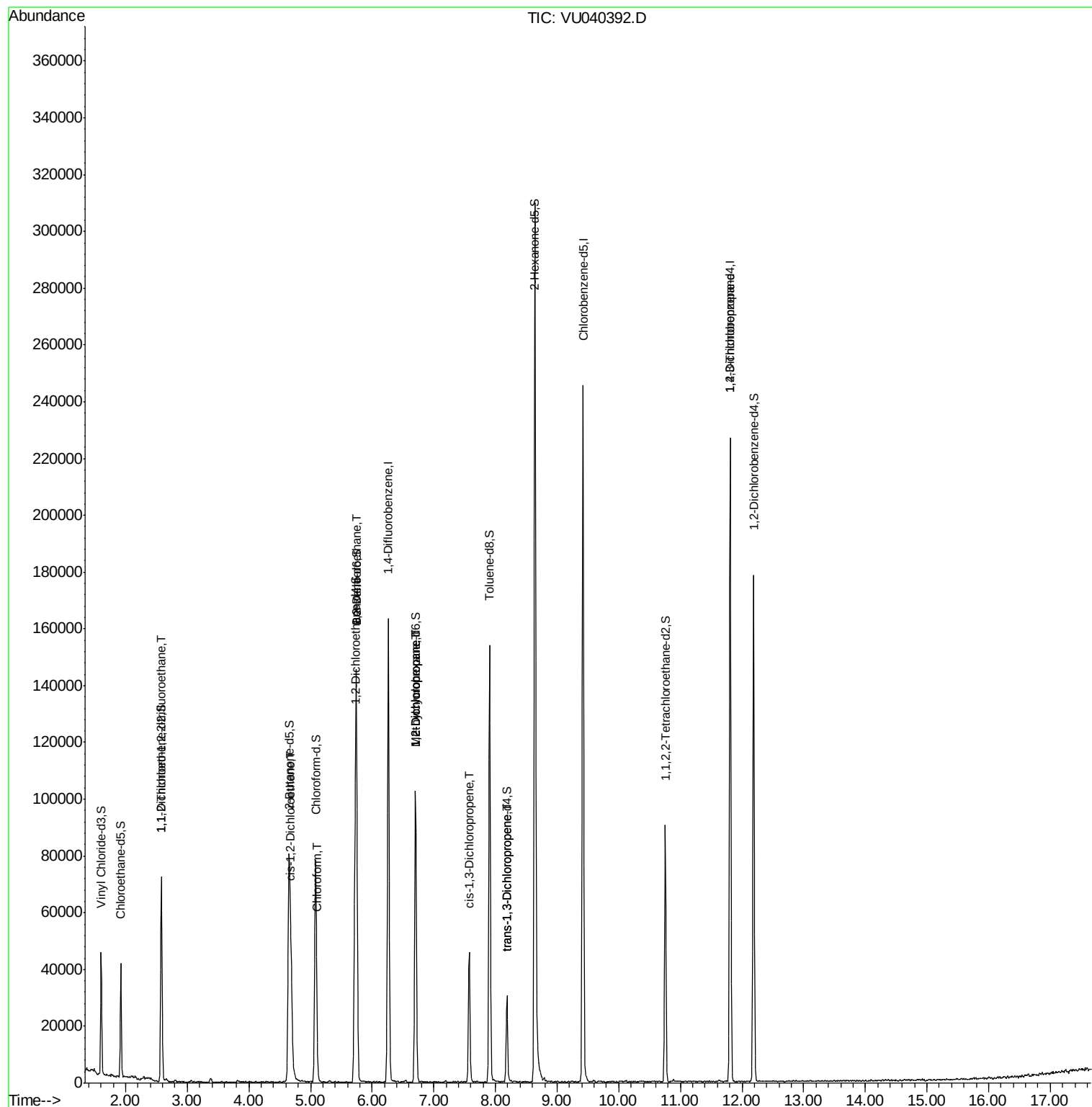
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	470	0.045	ug/L #	22
22) cis-1,2-Dichloroethene	4.69	96	9372	0.885	ug/L	88
25) Chloroform	5.11	83	2983	0.149	ug/L	90
27) 1,2-Dichloroethane	5.75	62	699	0.050	ug/L #	74
35) Methylcyclohexane	6.70	83	9656	0.578	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5212	0.436	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1217	0.076	ug/L #	72
44) trans-1,3-Dichloropropene	8.19	75	791	0.054	ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	7967	0.920	ug/L	90

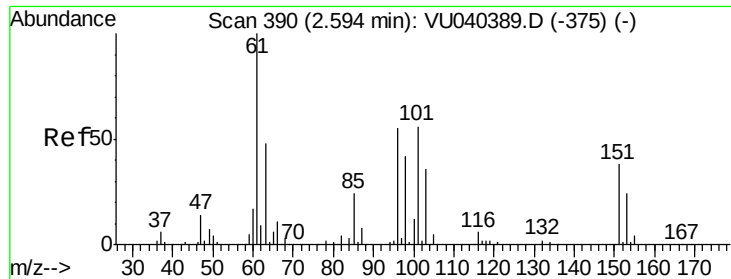
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 03:05:40 2020
Response via : Initial Calibration





#10

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

Concen: 0.045 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040392.D

Acq: 30 Sep 2020 12:33

Instrument :

MSVOA_U

ClientSampleId :

BG0E7

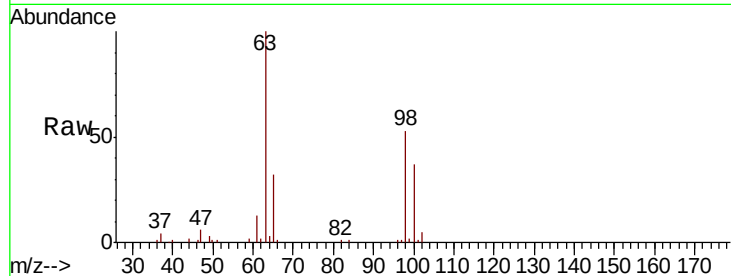
Tot Ion:101 Resp: 470

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

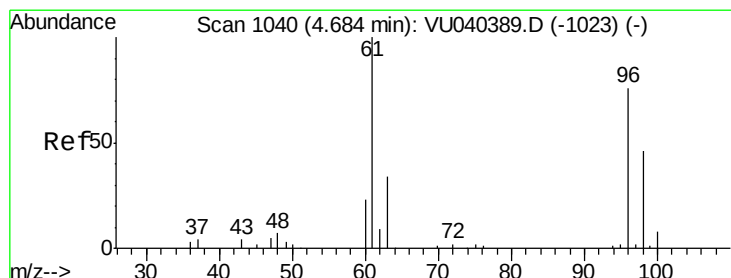
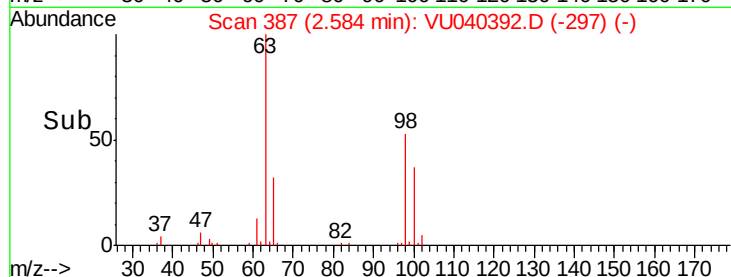
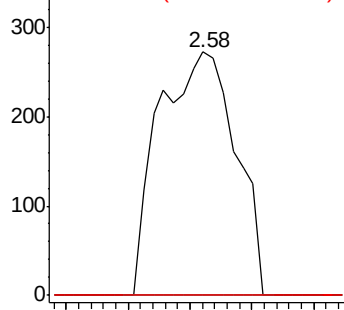
151 0.0 55.4 83.2#



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



#22

cis-1,2-Dichloroethene

Concen: 0.885 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040392.D

Acq: 30 Sep 2020 12:33

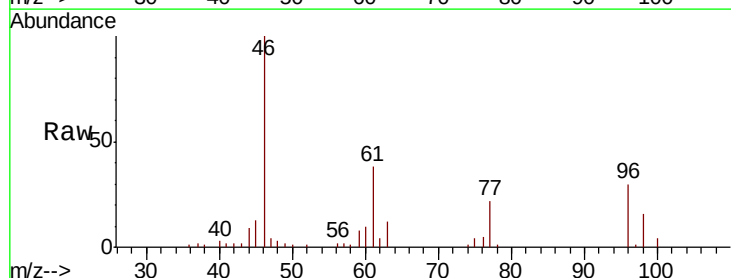
Tgt Ion: 96 Resp: 9372

Ion Ratio Lower Upper

96 100

61 126.8 99.3 184.5

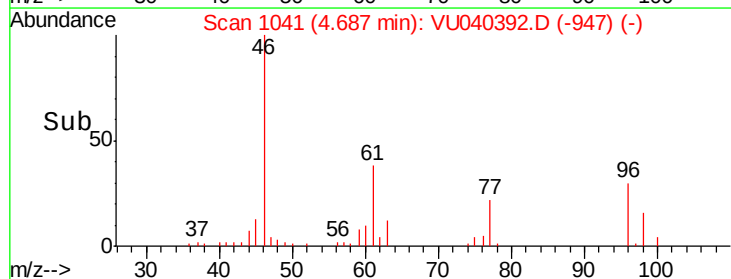
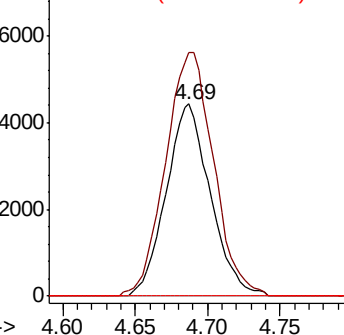
68 0.0 0.0 0.0

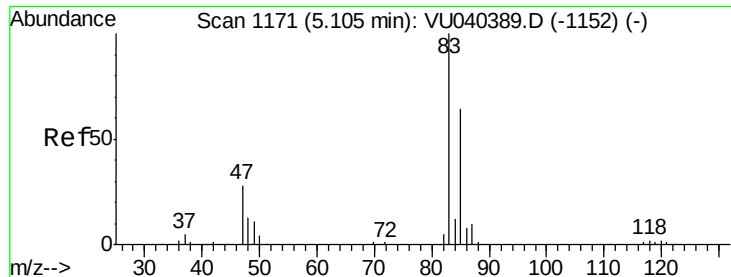


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

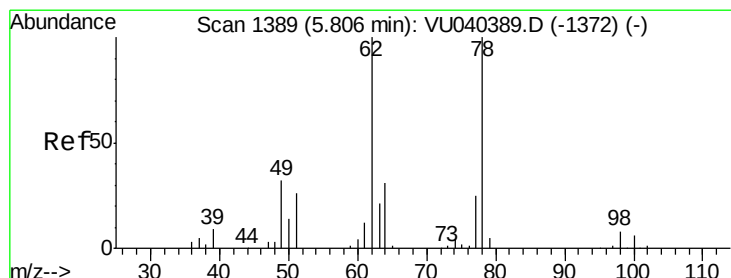
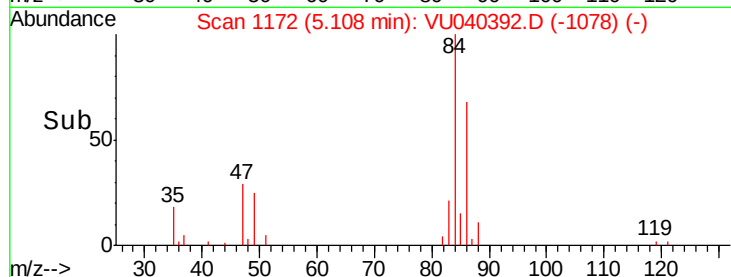
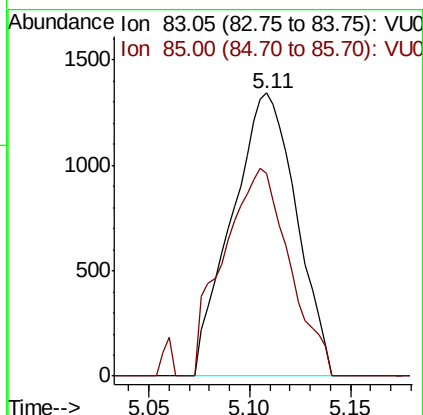
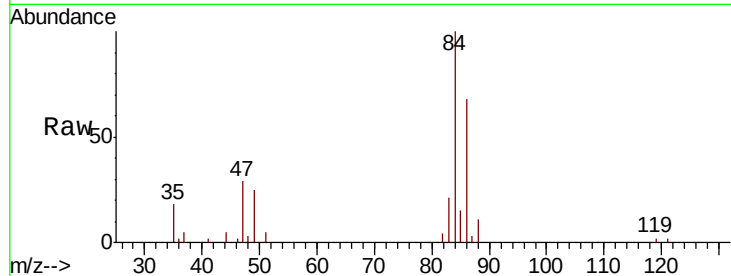




#25
Chloroform
Concen: 0.149 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040392.D
Acq: 30 Sep 2020 12:33

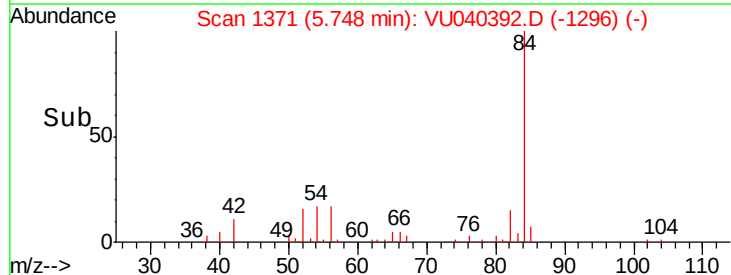
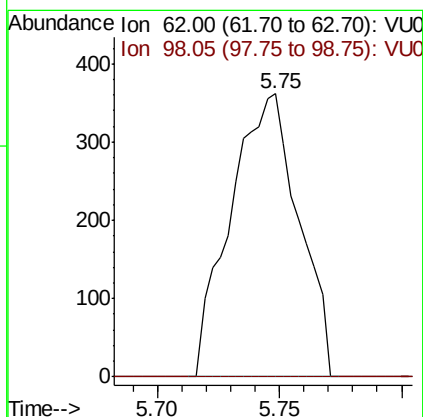
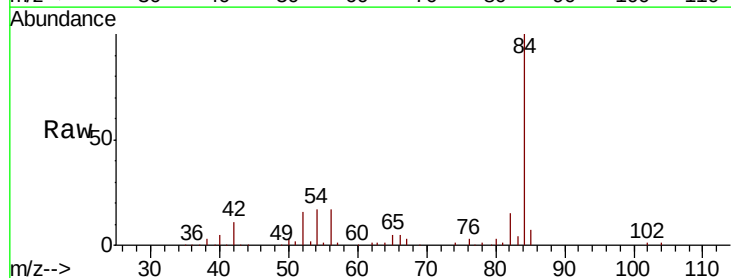
Instrument :
MSVOA_U
ClientSampled :
BG0E7

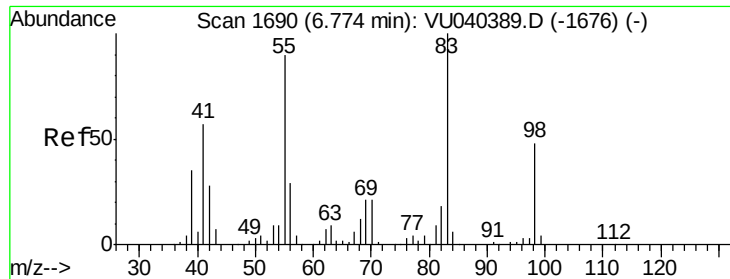
Tot Ion: 83 Resp: 2983
Ion Ratio Lower Upper
83 100
85 71.7 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.050 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU040392.D
Acq: 30 Sep 2020 12:33

Tgt Ion: 62 Resp: 699
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

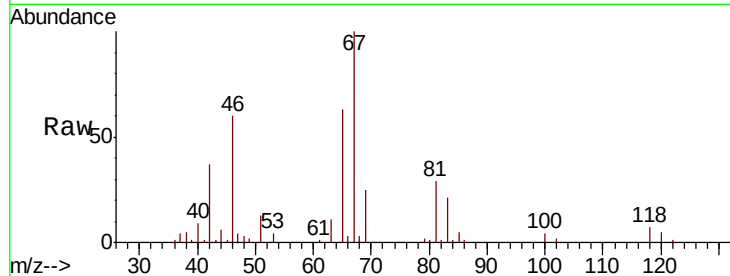




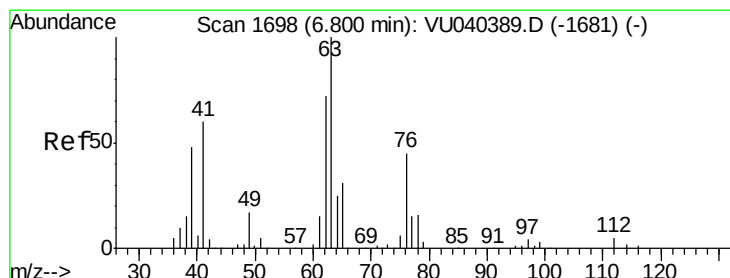
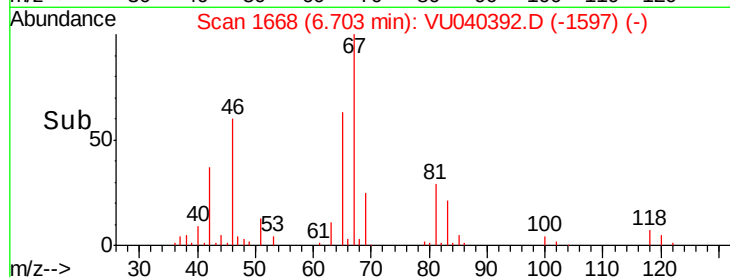
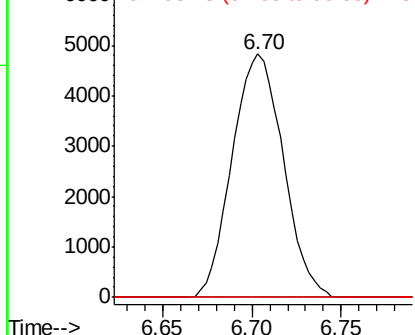
#35
Methylvlcyclohexane
Concen: 0.578 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040392.D
Acq: 30 Sep 2020 12:33

Instrument :
MSVOA_U
ClientSampleId :
BG0E7

Tot Ion: 83 Resp: 9656
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 1.0 38.5 57.7#

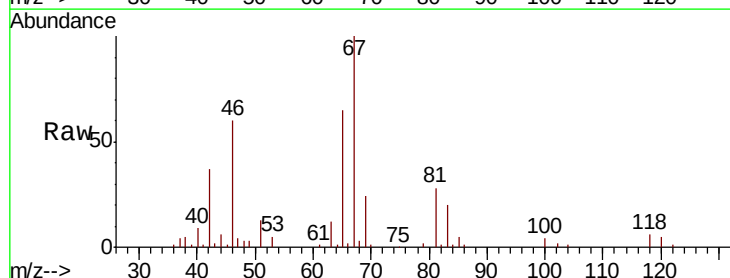


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

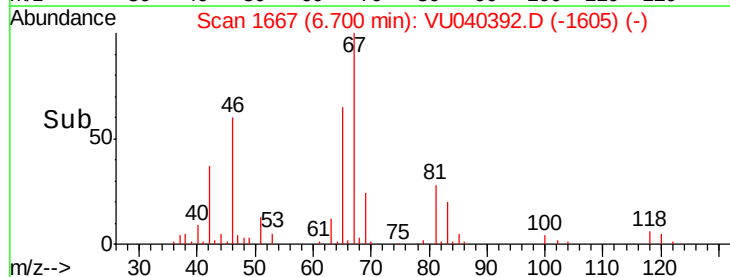
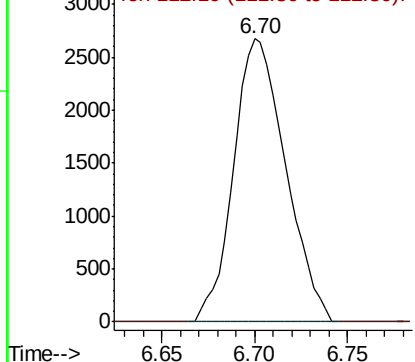


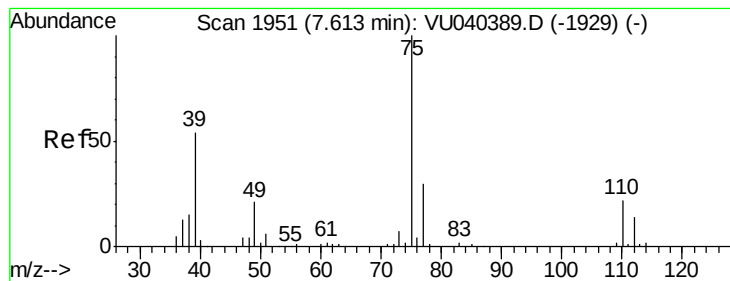
#37
1,2-Dichloropropane
Concen: 0.436 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040392.D
Acq: 30 Sep 2020 12:33

Tgt Ion: 63 Resp: 5212
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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: 0.076 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040392.D

Acq: 30 Sep 2020 12:33

Instrument :

MSVOA_U

ClientSampleId :

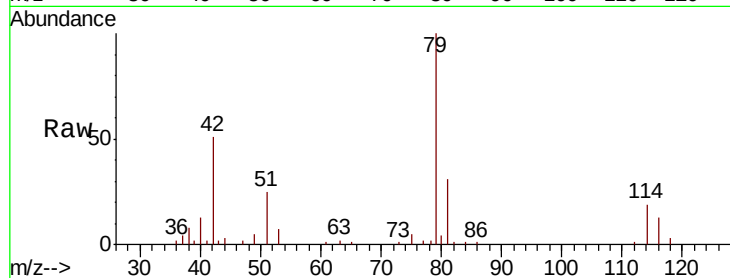
BG0E7

Tot Ion: 75 Resp: 1217

Ion Ratio Lower Upper

75 100

77 49.5 23.5 43.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

600

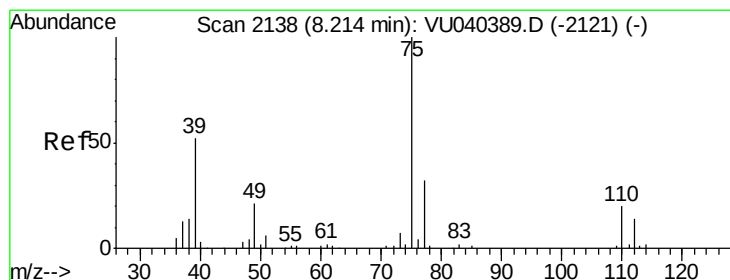
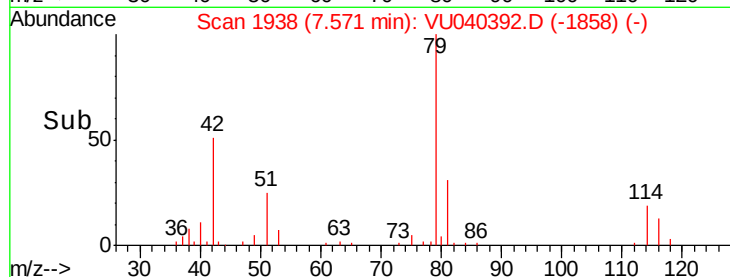
400

200

0

7.55 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.054 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040392.D

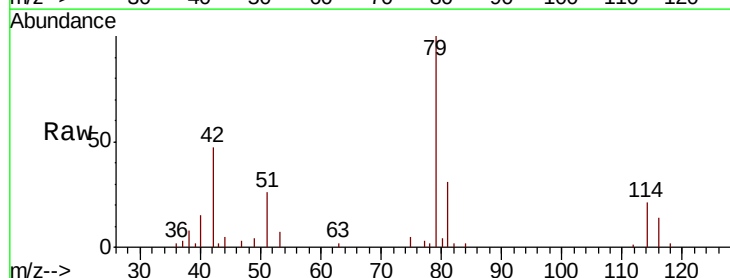
Acq: 30 Sep 2020 12:33

Tgt Ion: 75 Resp: 791

Ion Ratio Lower Upper

75 100

77 51.2 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

500

400

300

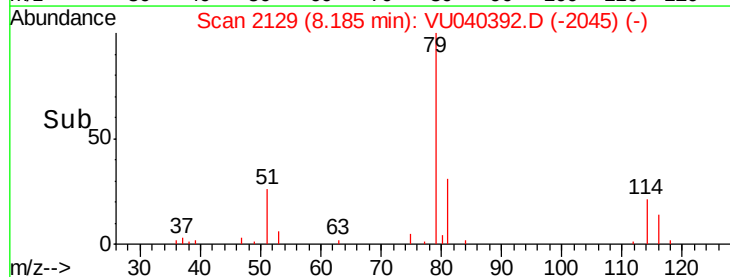
200

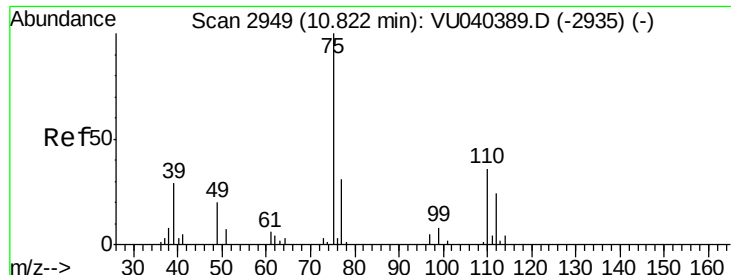
100

0

8.14 8.16 8.18 8.20 8.22

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.920 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040392.D

Acq: 30 Sep 2020 12:33

Instrument :

MSVOA_U

ClientSampleId :

BG0E7

Tot Ion: 75 Resp: 7967

Ion Ratio Lower Upper

75 100

77 37.5 25.7 38.5

