

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040609.D
 Acq On : 10 Oct 2020 01:43
 Operator : SY/MD
 Sample : L4352-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYZ5

Quant Time: Oct 10 06:07:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 05:58:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125874	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127735	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53810	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46150	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.92	69	39855	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.58	63	71403	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.66	46	182768	54.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.52%
24) Chloroform-d	5.08	84	94858	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.72	65	58148	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.75	84	172948	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.70	67	59203	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.91	98	136146	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.19	79	21333	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.64	63	130772	52.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51712	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	54960	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

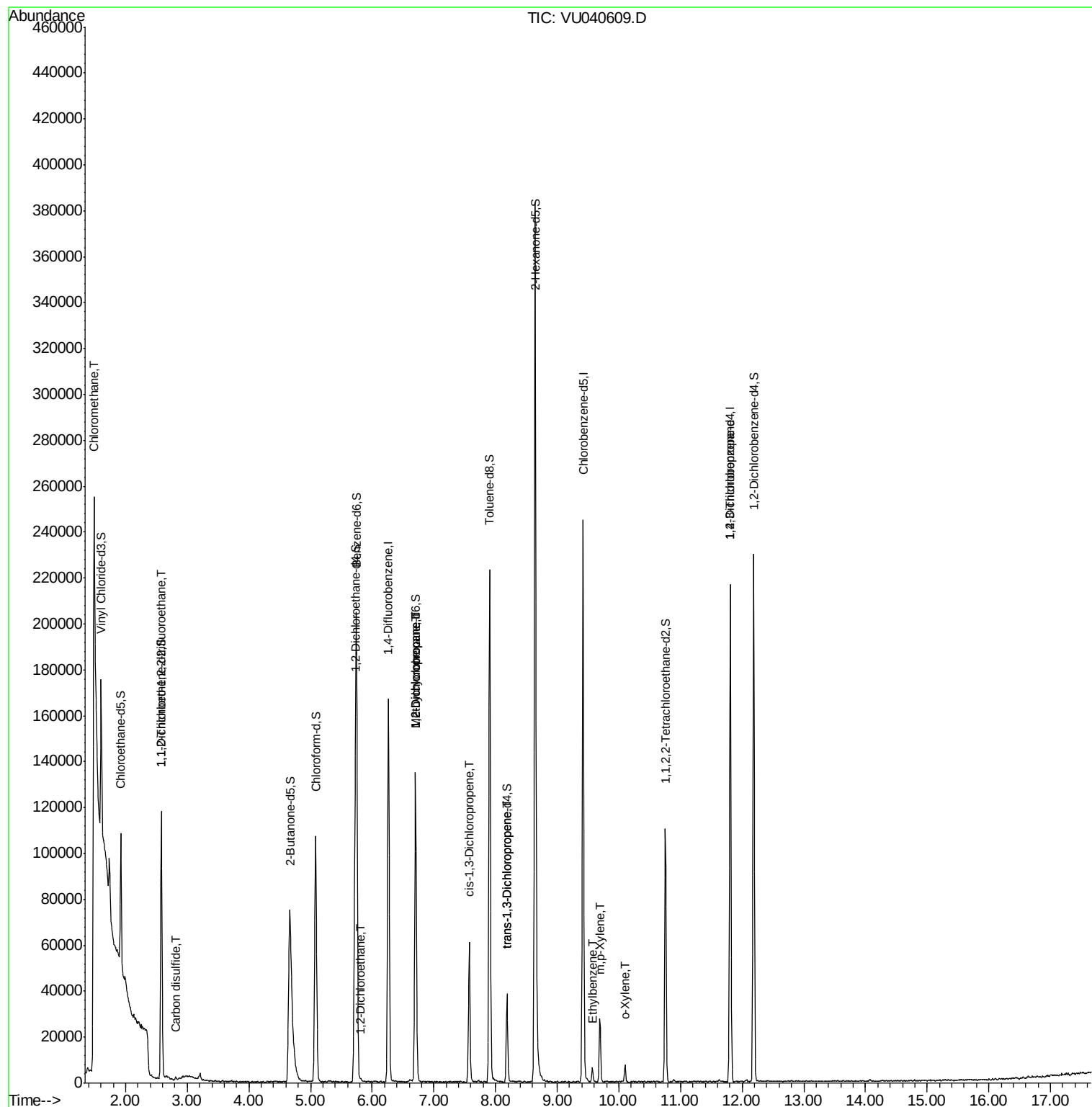
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.49	50	6622	0.621	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	587	0.056	ug/L #	20
14) Carbon disulfide	2.81	76	1350	0.054	ug/L #	76
27) 1,2-Dichloroethane	5.82	62	701	0.050	ug/L #	77
35) Methylcyclohexane	6.70	83	13953	0.925	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6929	0.606	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1580	0.101	ug/L #	54
44) trans-1,3-Dichloropropene	8.19	75	1010	0.070	ug/L #	66
52) Ethylbenzene	9.57	91	4772	0.105	ug/L	100
53) m,p-Xylene	9.69	106	7445	0.451	ug/L	95
54) o-Xylene	10.10	106	1697	0.107	ug/L	78
59) 1,2,3-Trichloropropane	11.81	75	7503	0.893	ug/L	95

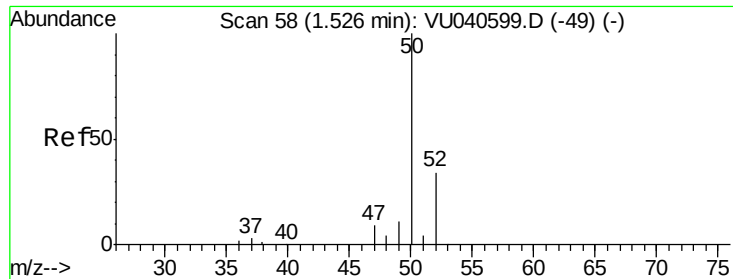
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.621 ug/L

RT: 1.49 min Scan# 46

Delta R.T. -0.04 min

Lab File: VU040609.D

Acq: 10 Oct 2020 01:43

Instrument :

MSVOA_U

ClientSampleId :

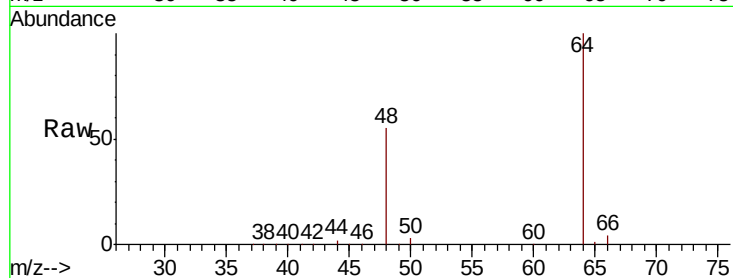
ETYZ5

Tot Ion: 50 Resp: 6622

Ion Ratio Lower Upper

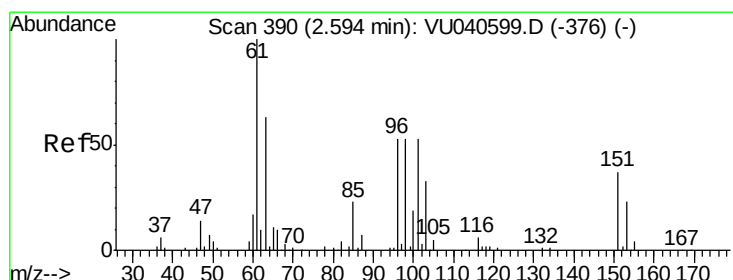
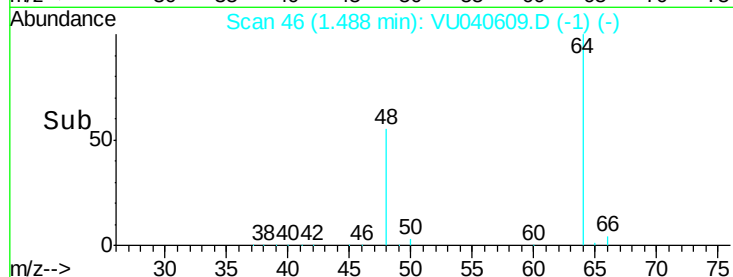
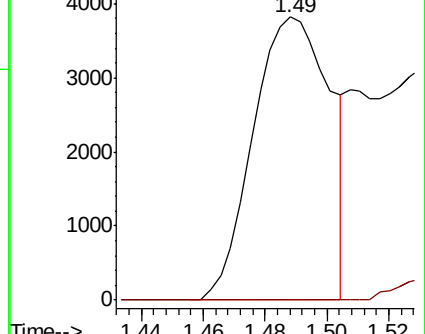
50 100

52 0.0 21.9 40.7#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#10

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

Concen: 0.056 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040609.D

Acq: 10 Oct 2020 01:43

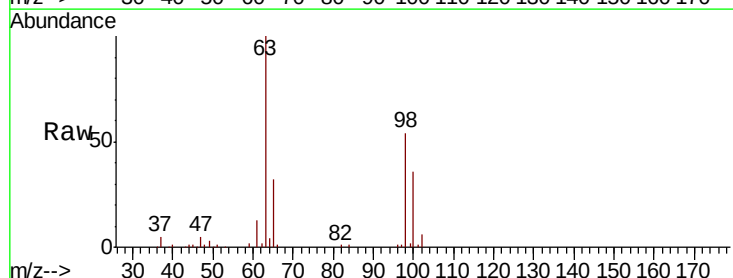
Tgt Ion: 101 Resp: 587

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

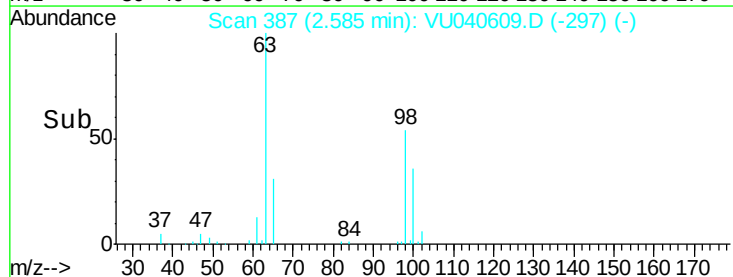
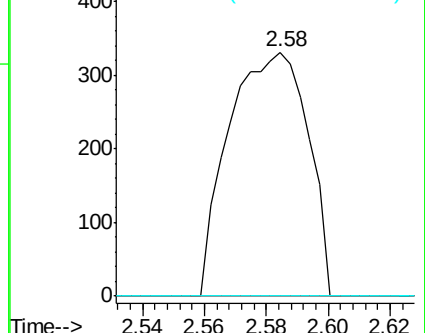
151 0.0 58.0 87.0#

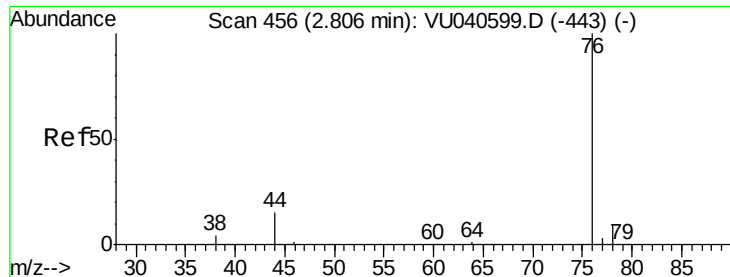


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#14

Carbon disulfide

Concen: 0.054 ug/L

RT: 2.81 min Scan# 458

Delta R.T. 0.01 min

Lab File: VU040609.D

Acq: 10 Oct 2020 01:43

Instrument :

MSVOA_U

ClientSampleId :

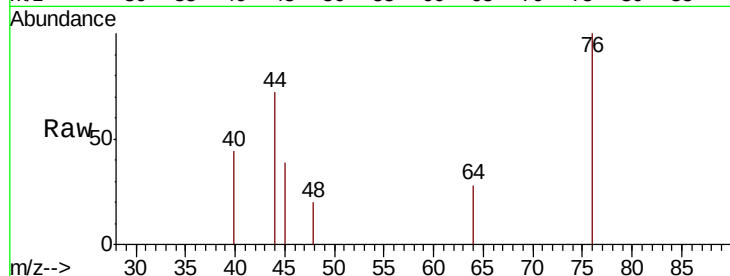
ETYZ5

Tot Ion: 76 Resp: 1350

Ion Ratio Lower Upper

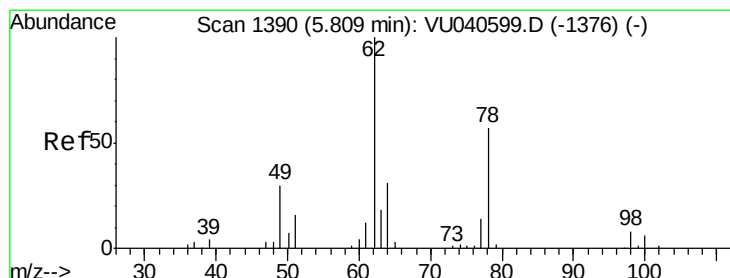
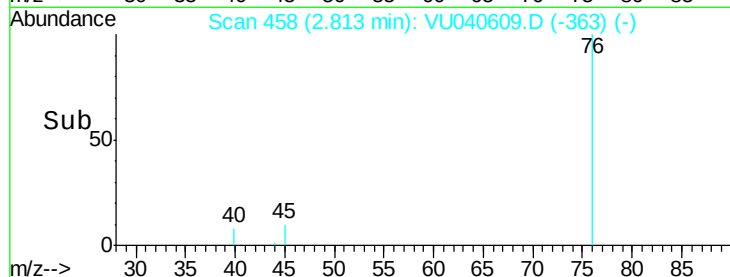
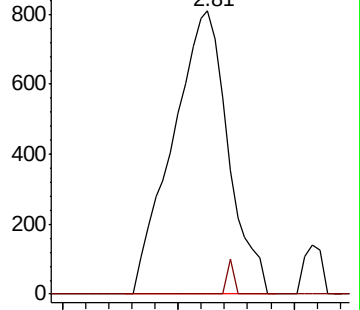
76 100

78 0.0 6.8 10.2#



Abundance Ion 76.05 (75.75 to 76.75): VU040599.D (-443) (-)

Ion 78.00 (77.70 to 78.70): VU040599.D (-443) (-)



#27

1,2-Dichloroethane

Concen: 0.050 ug/L

RT: 5.82 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VU040609.D

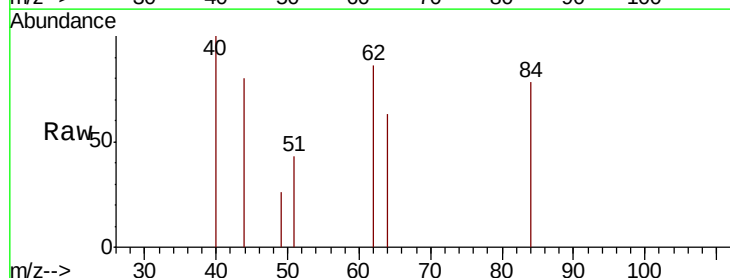
Acq: 10 Oct 2020 01:43

Tgt Ion: 62 Resp: 701

Ion Ratio Lower Upper

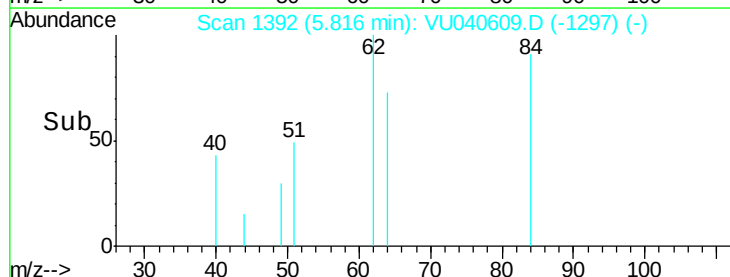
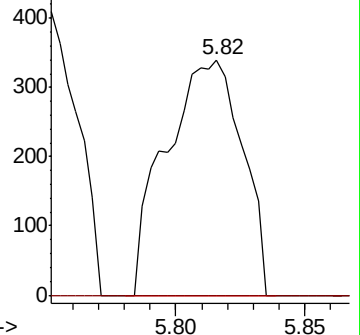
62 100

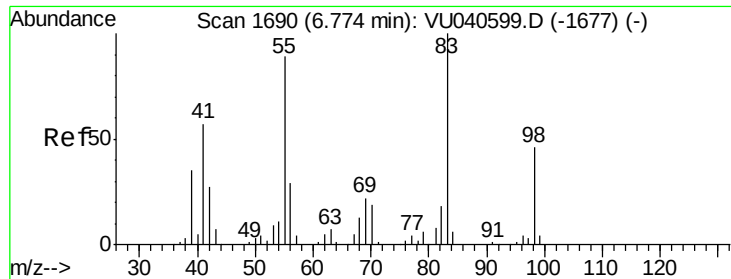
98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VU040599.D (-1376) (-)

Ion 98.05 (97.75 to 98.75): VU040599.D (-1376) (-)

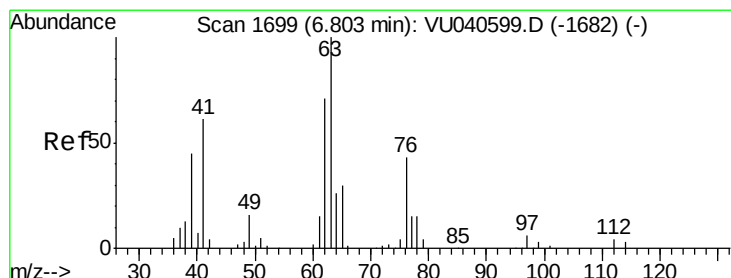
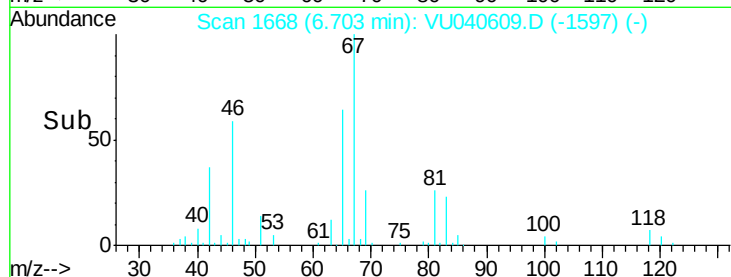
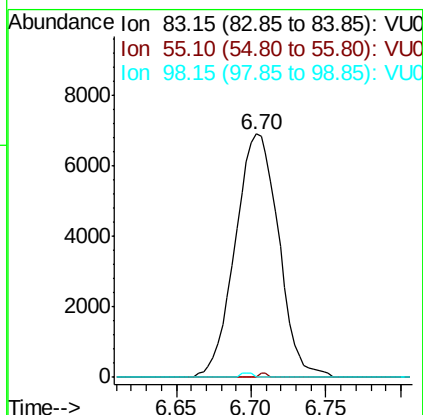
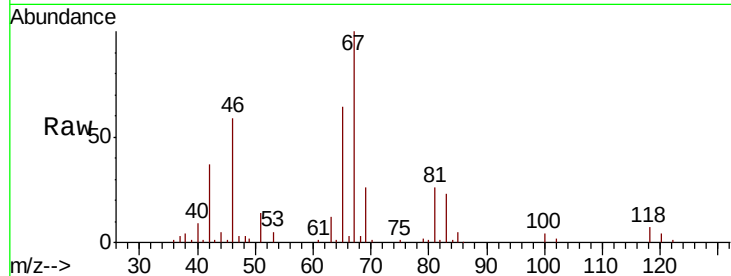




#35
Methylcyclohexane
Concen: 0.925 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040609.D
Acq: 10 Oct 2020 01:43

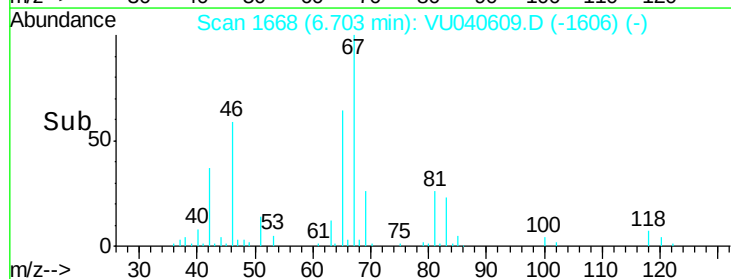
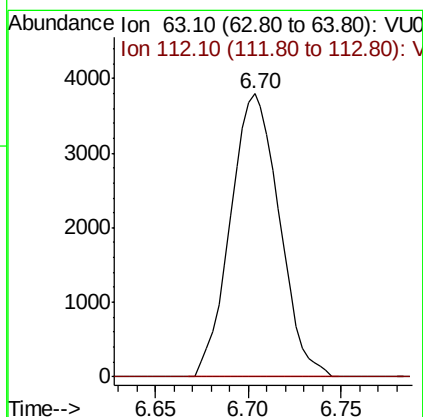
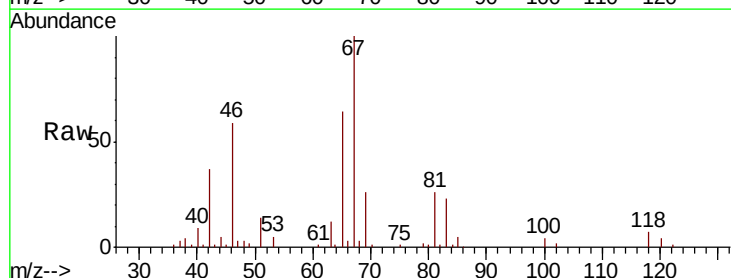
Instrument :
MSVOA_U
ClientSampleId :
ETYZ5

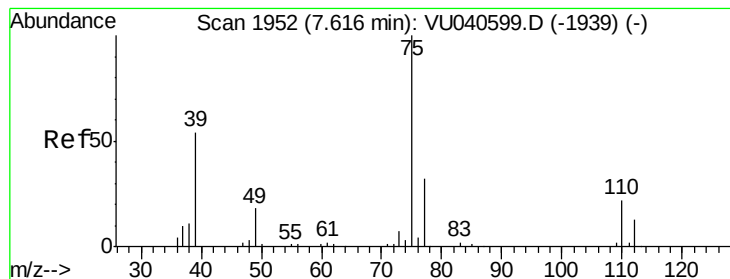
Tot Ion: 83 Resp: 13953
Ion Ratio Lower Upper
83 100
55 0.3 70.7 106.1#
98 0.5 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040609.D
Acq: 10 Oct 2020 01:43

Tgt Ion: 63 Resp: 6929
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



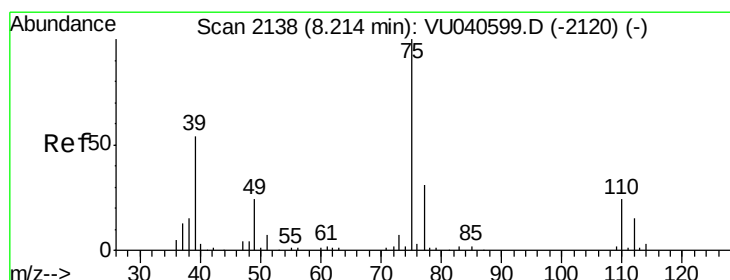
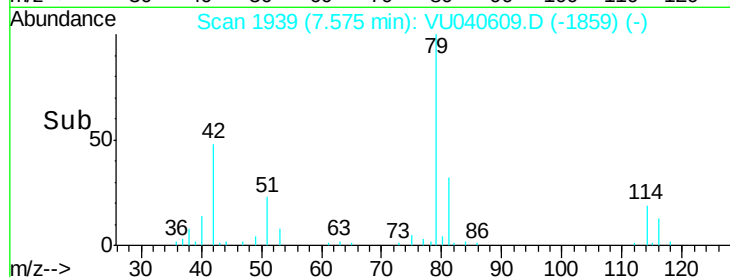
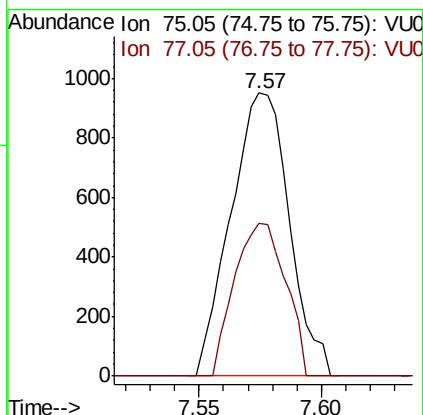
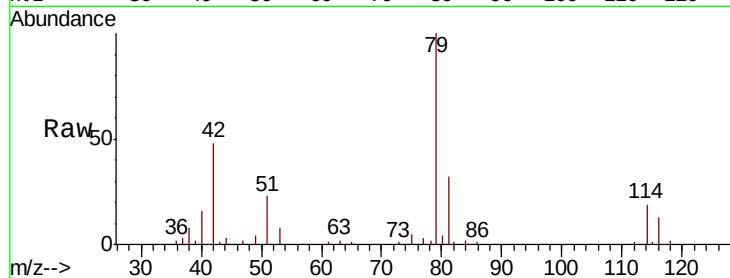


#39

cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040609.D
Acq: 10 Oct 2020 01:43

Instrument :
MSVOA_U
ClientSampled :
ETYZ5

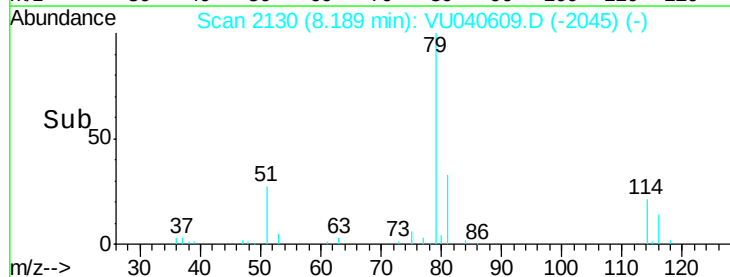
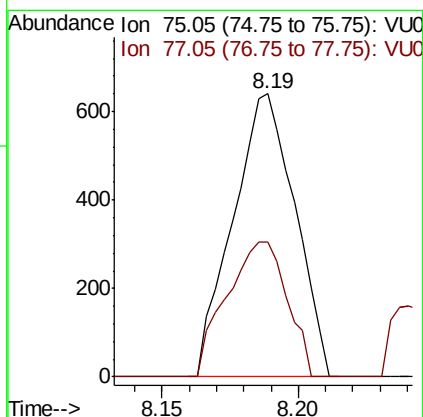
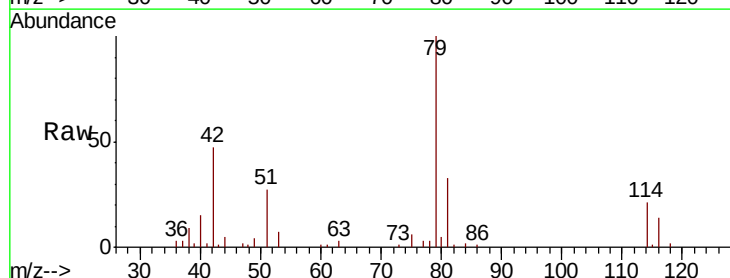
Tot Ion: 75 Resp: 1580
Ion Ratio Lower Upper
75 100
77 54.2 20.5 38.1#

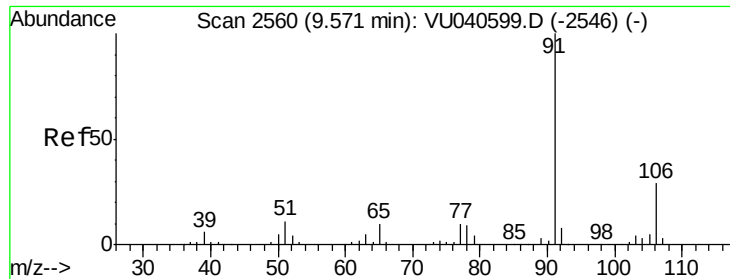


#44

trans-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040609.D
Acq: 10 Oct 2020 01:43

Tgt Ion: 75 Resp: 1010
Ion Ratio Lower Upper
75 100
77 47.7 20.4 38.0#





#52

Ethylbenzene

Concen: 0.105 ug/L

RT: 9.57 min Scan# 2559

Delta R.T. -0.00 min

Lab File: VU040609.D

Acq: 10 Oct 2020 01:43

Instrument :

MSVOA_U

ClientSampleId :

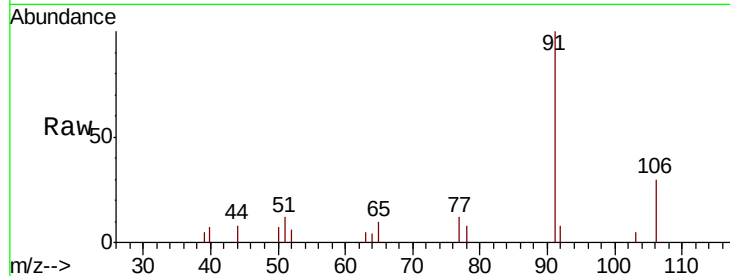
ETYZ5

Tot Ion: 91 Resp: 4772

Ion Ratio Lower Upper

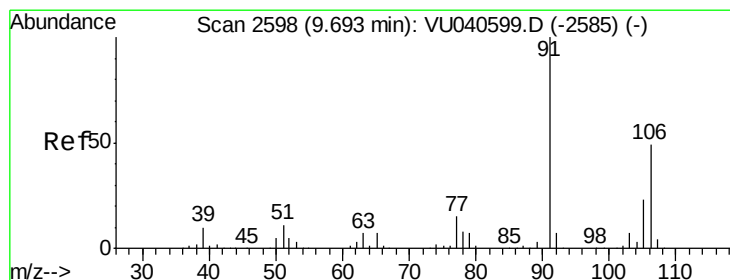
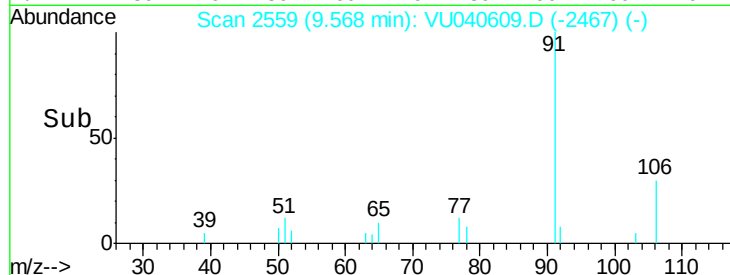
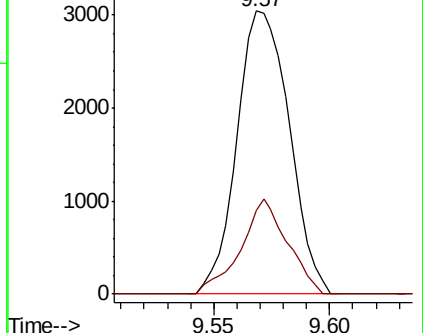
91 100

106 29.7 20.7 38.5



Abundance Ion 91.15 (90.85 to 91.85): VU040609.D (-2546) (-)

Ion 106.15 (105.85 to 106.85): VU040609.D (-2546) (-)



#53

m,p-Xylene

Concen: 0.451 ug/L

RT: 9.69 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VU040609.D

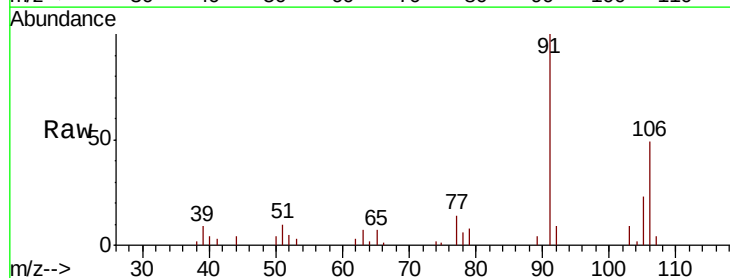
Acq: 10 Oct 2020 01:43

Tgt Ion: 106 Resp: 7445

Ion Ratio Lower Upper

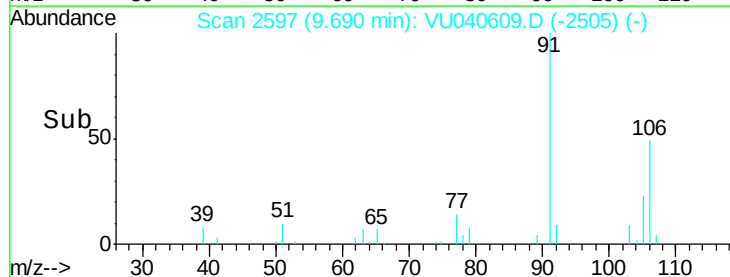
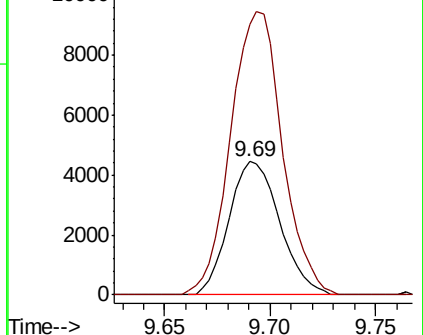
106 100

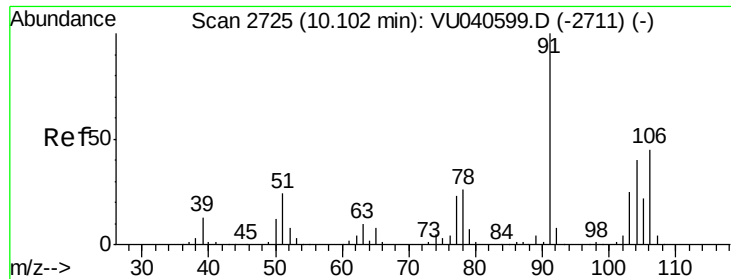
91 203.5 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): VU040609.D (-2585) (-)

Ion 91.15 (90.85 to 91.85): VU040609.D (-2585) (-)

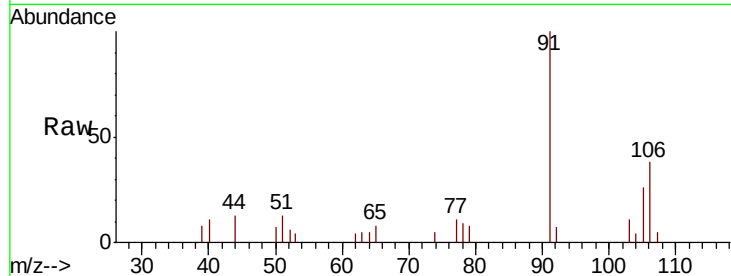




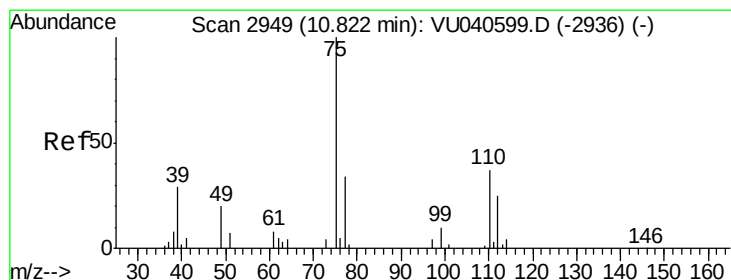
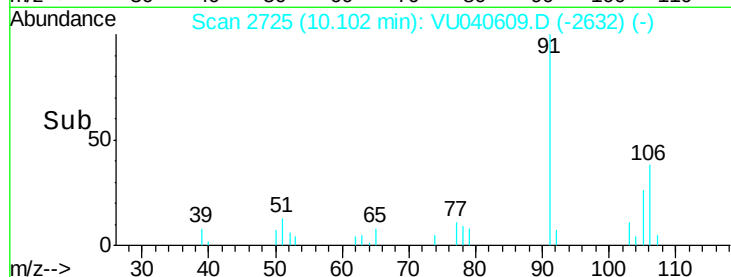
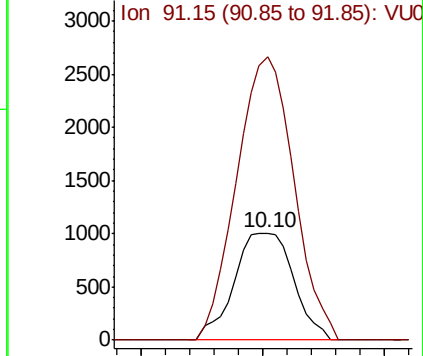
#54
o-Xylene
Concen: 0.107 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040609.D
Acq: 10 Oct 2020 01:43

Instrument :
MSVOA_U
ClientSampled :
ETYZ5

Tot Ion:106 Resp: 1697
Ion Ratio Lower Upper
106 100
91 264.5 160.2 297.4

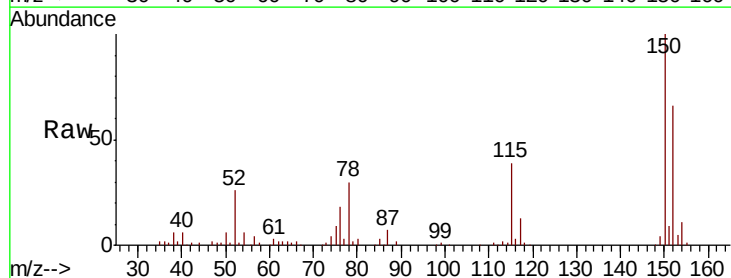


Abundance Ion 106.15 (105.85 to 106.85): VU040609.D (-2632) (-)
Ion 91.15 (90.85 to 91.85): VU040609.D (-2632) (-)



#59
1,2,3-Trichloropropane
Concen: 0.893 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040609.D
Acq: 10 Oct 2020 01:43

Tgt Ion: 75 Resp: 7503
Ion Ratio Lower Upper
75 100
77 36.1 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU040609.D (-2327) (-)
Ion 77.00 (76.70 to 77.70): VU040609.D (-2327) (-)

