

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101720\
 Data File : VU040782.D
 Acq On : 17 Oct 2020 23:32
 Operator : SY/MD
 Sample : L4354-14
 Misc : 25.4mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ25

Quant Time: Oct 19 03:11:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 19 03:08:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117075	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49523	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34977	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.93	69	33006	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.58	63	54748	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.66	46	176024	56.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.40%
24) Chloroform-d	5.08	84	81294	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.72	65	53728	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.75	84	145879	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.70	67	51849	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.91	98	110637	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	8.19	79	18283	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.64	63	115830	48.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48318	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	47885	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

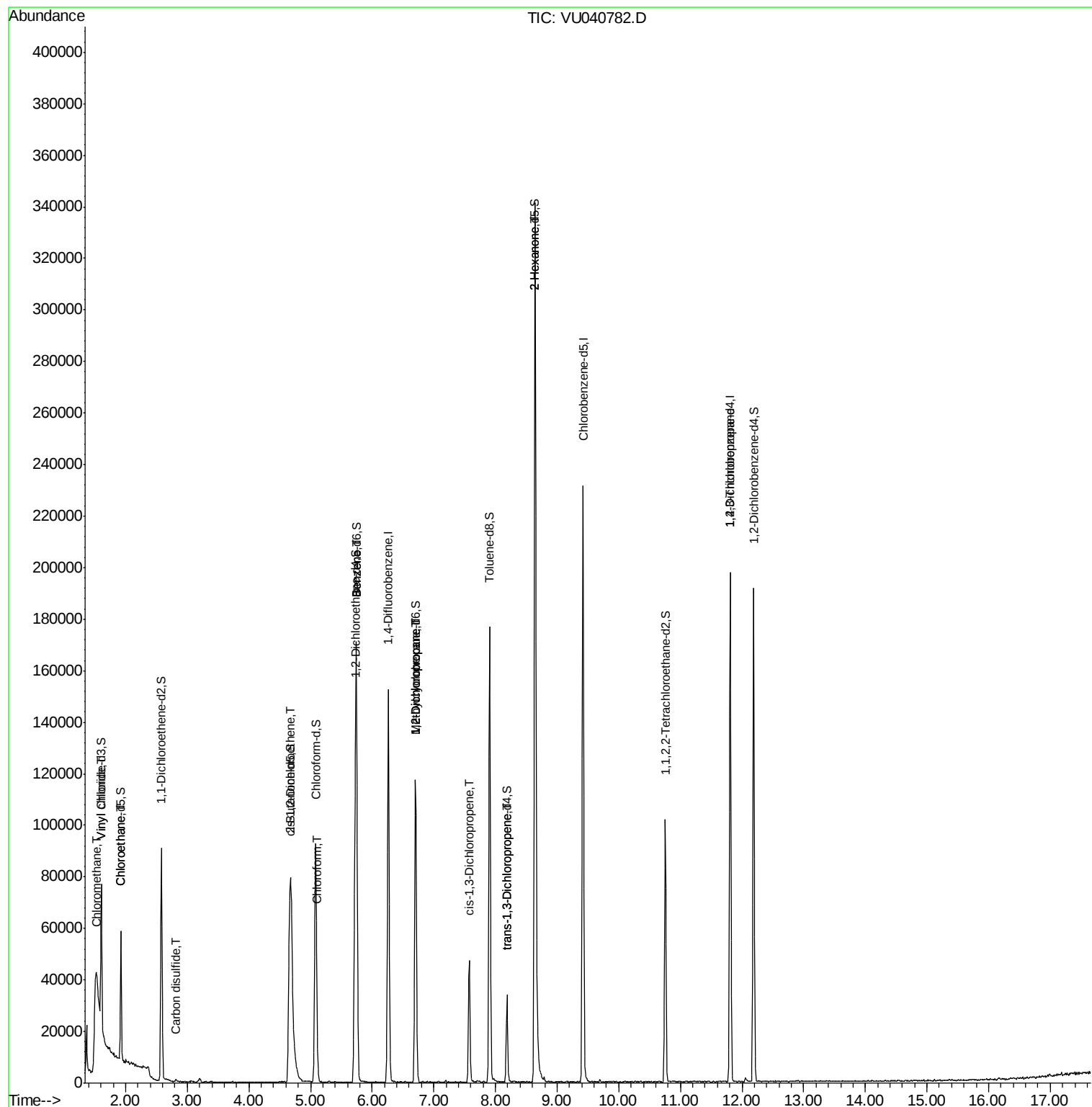
					Ovalue
3) Chloromethane	1.53	50	2184	0.220 ug/L #	65
5) Vinyl chloride	1.61	62	2376	0.227 ug/L #	1
8) Chloroethane	1.93	64	610	0.092 ug/L #	52
14) Carbon disulfide	2.81	76	1609	0.069 ug/L #	74
22) cis-1,2-Dichloroethene	4.69	96	11898	1.262 ug/L	97
25) Chloroform	5.11	83	4262	0.231 ug/L	98
33) Benzene	5.75	78	1075	0.027 ug/L	100
35) Methylcyclohexane	6.70	83	11883	0.820 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5493	0.500 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1076	0.072 ug/L #	65
44) trans-1,3-Dichloropropene	8.19	75	919	0.067 ug/L #	63
48) 2-Hexanone	8.64	43	17481	2.683 ug/L #	76
59) 1,2,3-Trichloropropane	11.81	75	6746	0.837 ug/L #	88

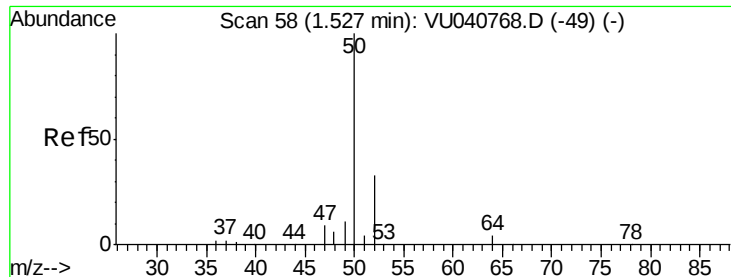
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.220 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU040782.D

Acq: 17 Oct 2020 23:32

Instrument :

MSVOA_U

ClientSampled :

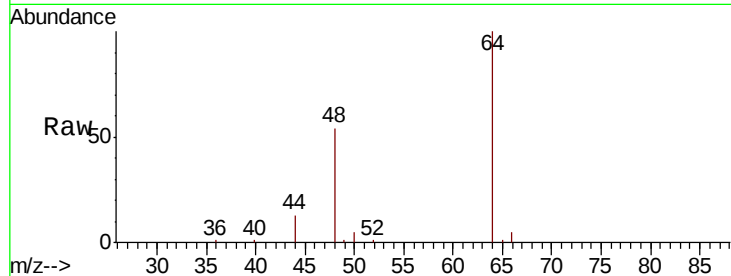
ETZ25

Tot Ion: 50 Resp: 2184

Ion Ratio Lower Upper

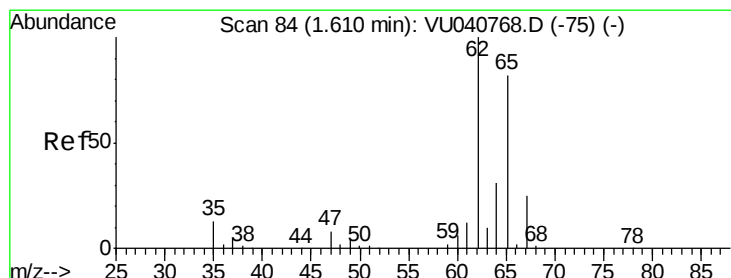
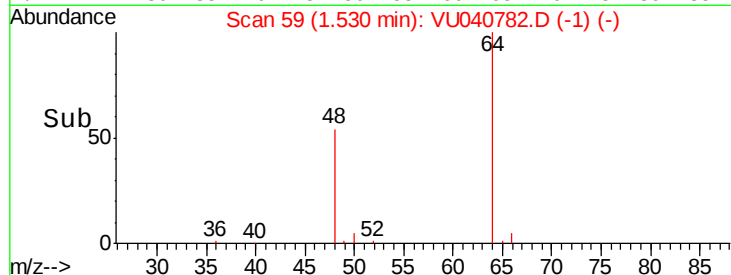
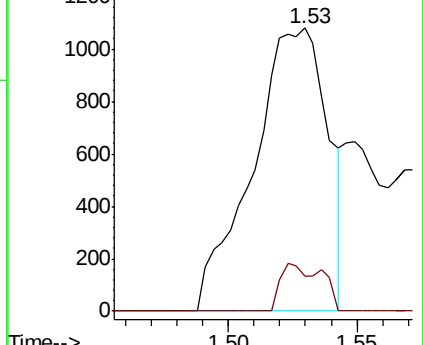
50 100

52 12.2 21.9 40.7#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 0.227 ug/L

RT: 1.61 min Scan# 85

Delta R.T. 0.00 min

Lab File: VU040782.D

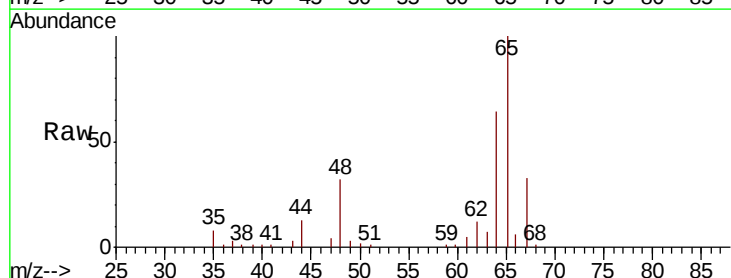
Acq: 17 Oct 2020 23:32

Tgt Ion: 62 Resp: 2376

Ion Ratio Lower Upper

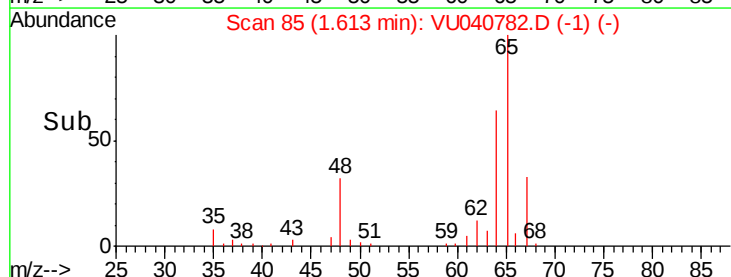
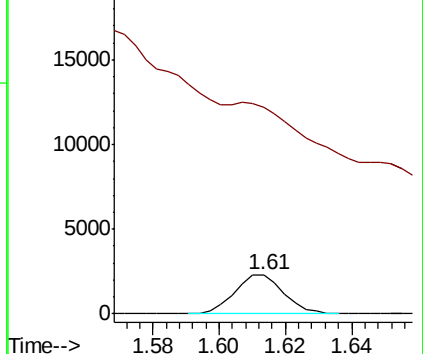
62 100

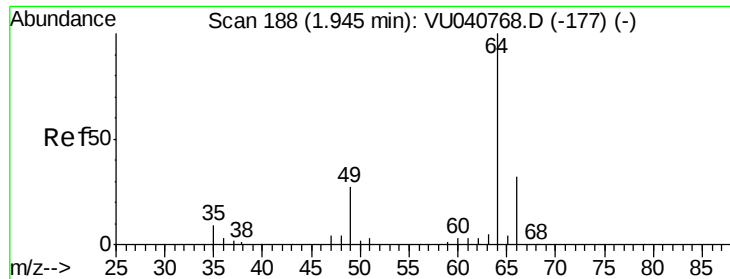
64 523.7 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

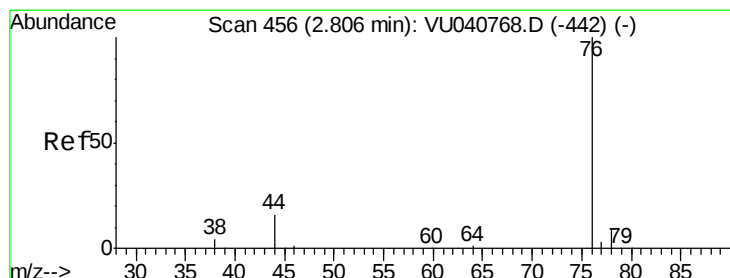
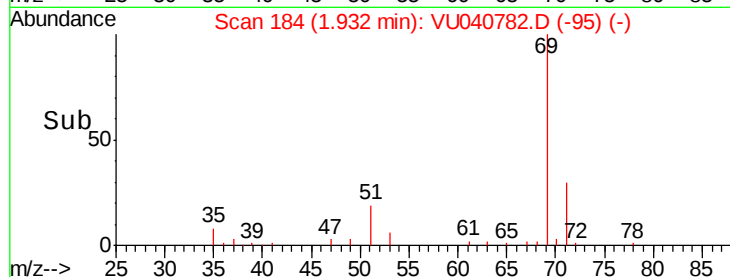
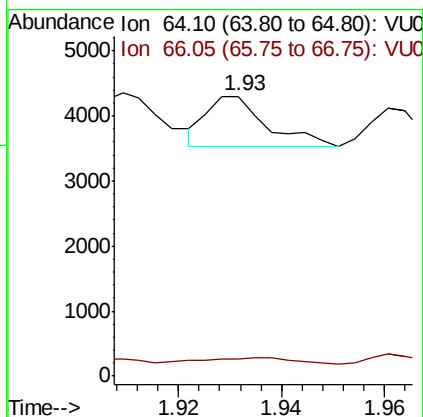
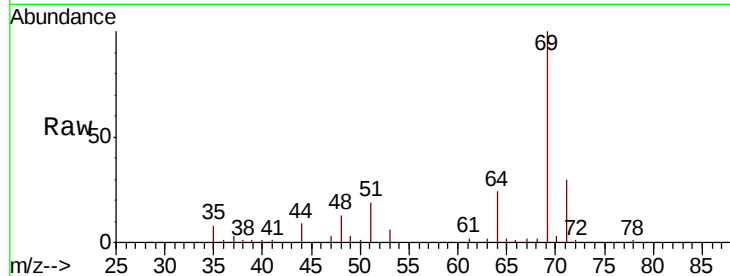




#8
Chloroethane
Concen: 0.092 ug/L
RT: 1.93 min Scan# 184
Delta R.T. -0.01 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

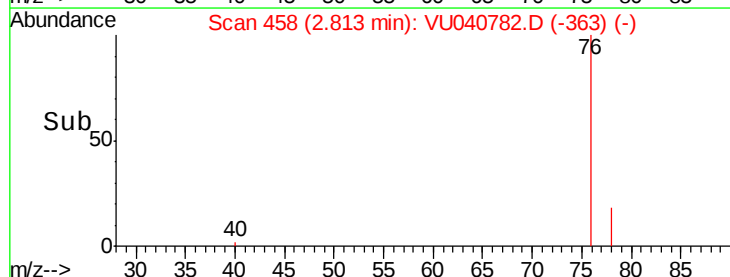
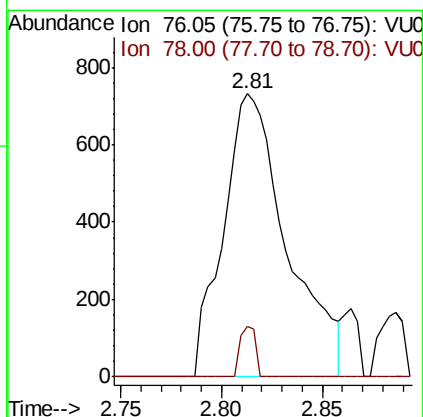
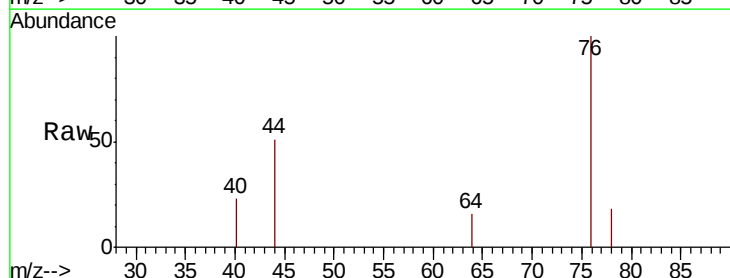
Instrument :
MSVOA_U
ClientSampleId :
ETZ25

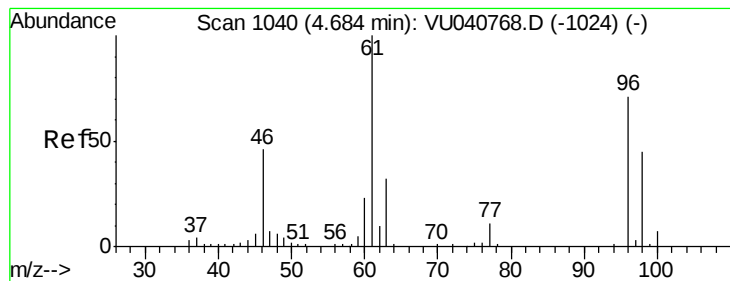
Tot Ion: 64 Resp: 610
Ion Ratio Lower Upper
64 100
66 6.1 23.3 43.3#



#14
Carbon disulfide
Concen: 0.069 ug/L
RT: 2.81 min Scan# 458
Delta R.T. 0.01 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Tgt Ion: 76 Resp: 1609
Ion Ratio Lower Upper
76 100
78 17.6 6.8 10.2#





#22

cis-1,2-Dichloroethene

Concen: 1.262 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040782.D

Acq: 17 Oct 2020 23:32

Instrument :
MSVOA_U
ClientSampleId :
ETZ25

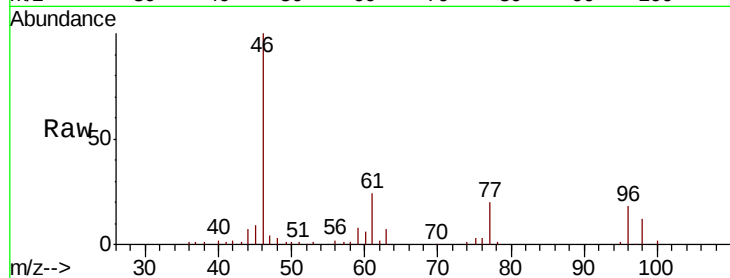
Tot Ion: 96 Resp: 11898

Ion Ratio Lower Upper

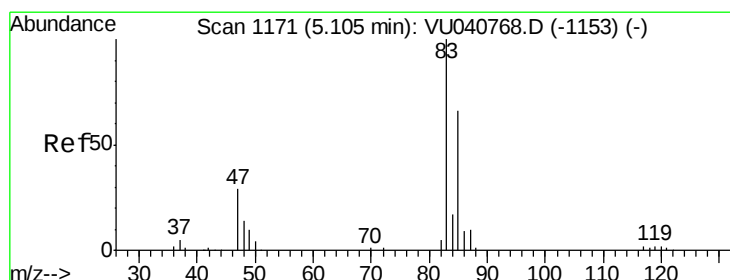
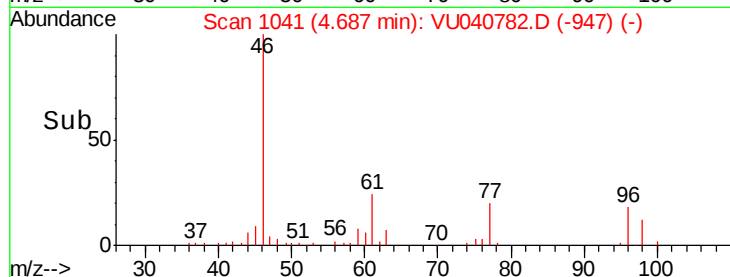
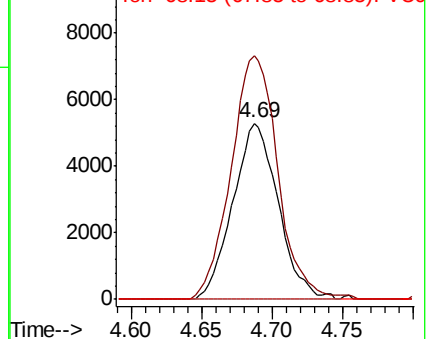
96 100

61 138.4 99.8 185.4

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: 0.231 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040782.D

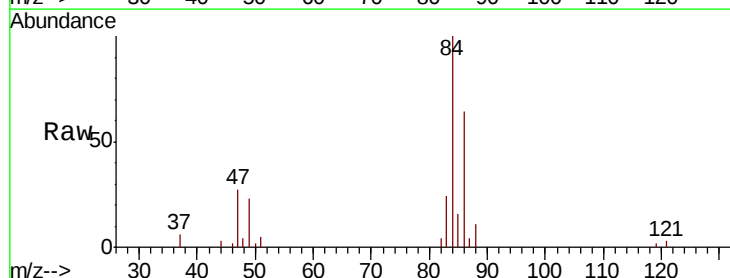
Acq: 17 Oct 2020 23:32

Tgt Ion: 83 Resp: 4262

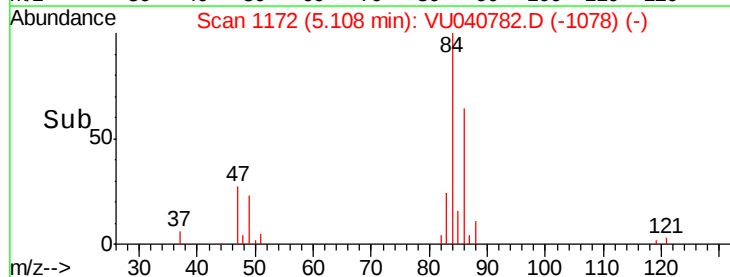
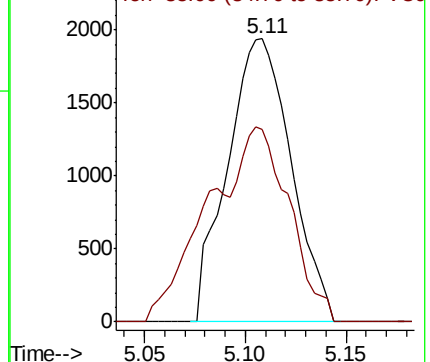
Ion Ratio Lower Upper

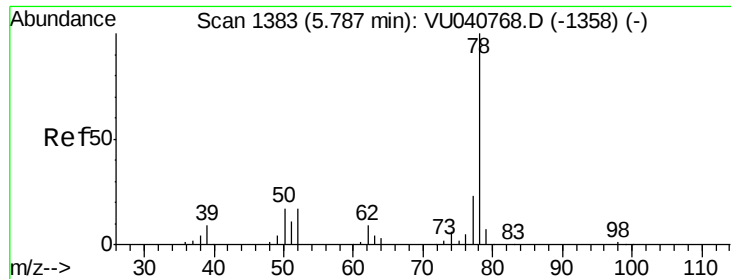
83 100

85 68.2 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

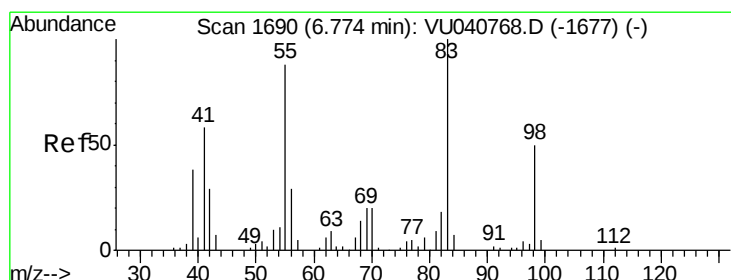
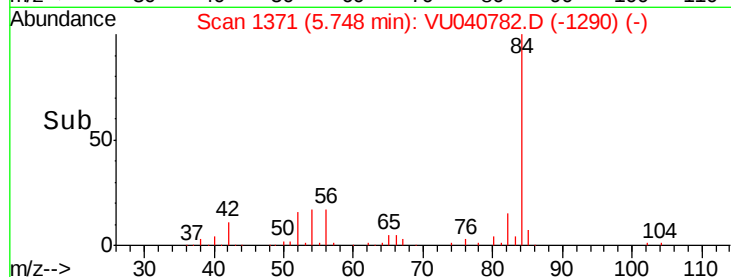
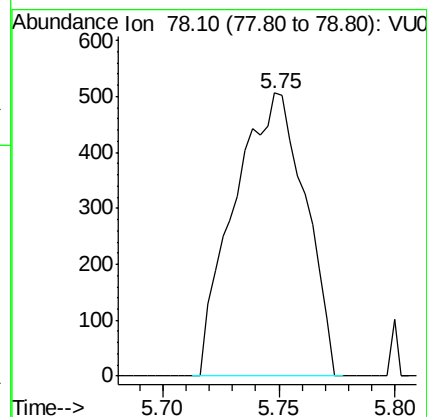
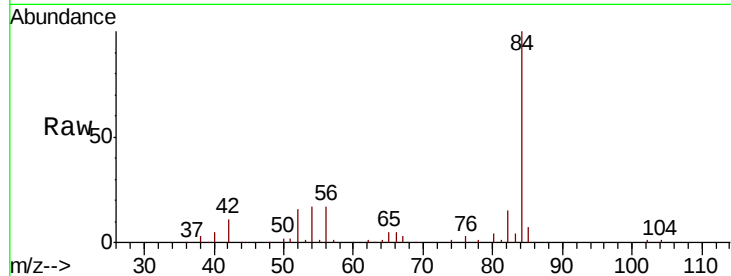




#33
Benzene
Concen: 0.027 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.04 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

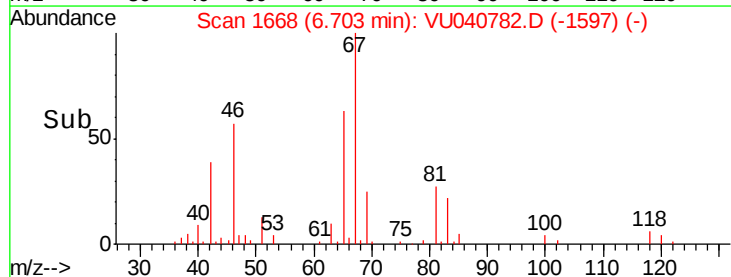
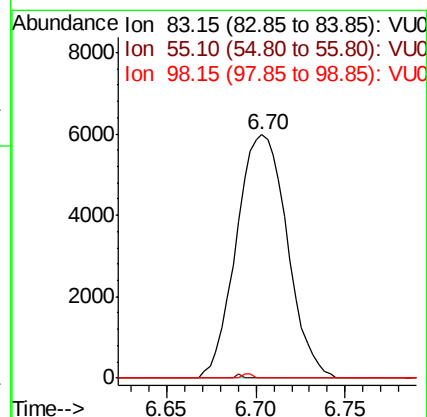
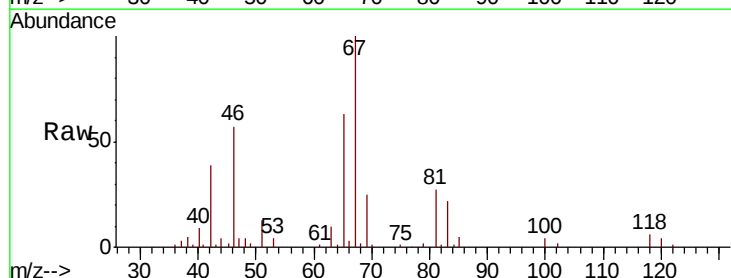
Instrument :
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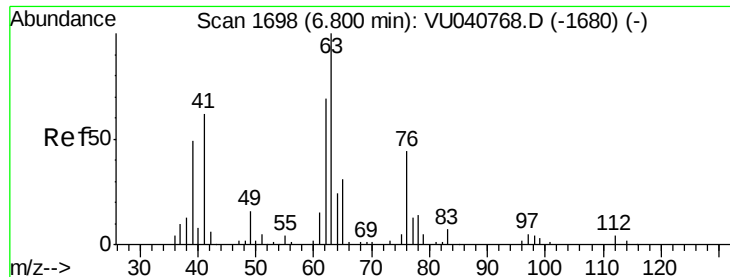
Tgt Ion: 78 Resp: 1075



#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Tgt Ion: 83 Resp: 11883
Ion Ratio Lower Upper
83 100
55 0.2 70.7 106.1#
98 0.3 38.4 57.6#

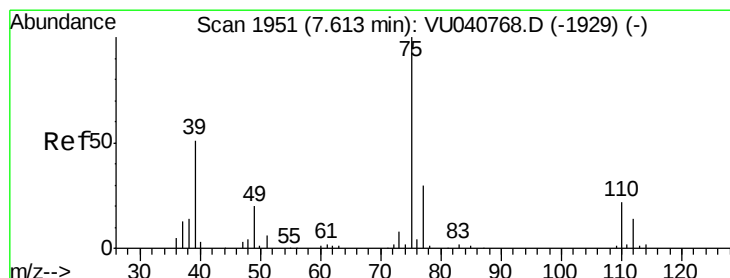
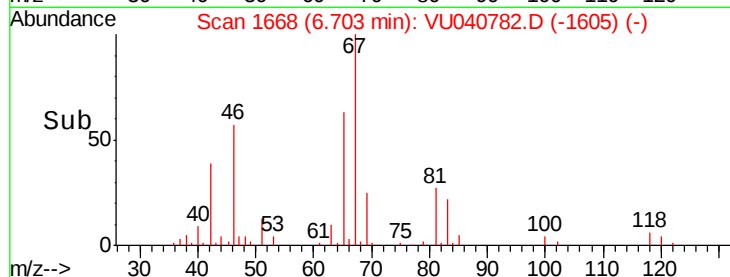
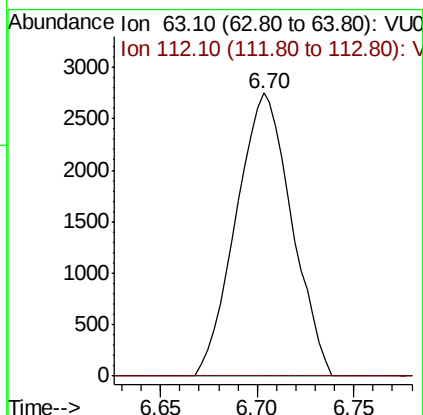
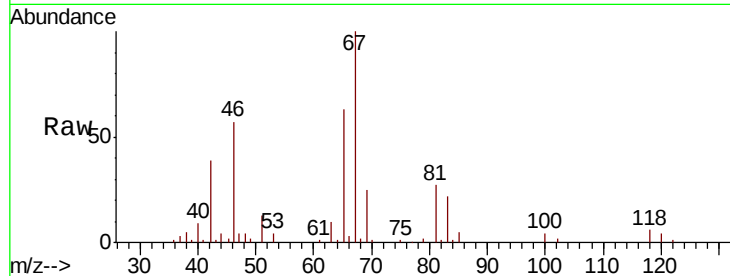




#37
 1,2-Dichloropropane
 Concen: 0.500 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040782.D
 Acq: 17 Oct 2020 23:32

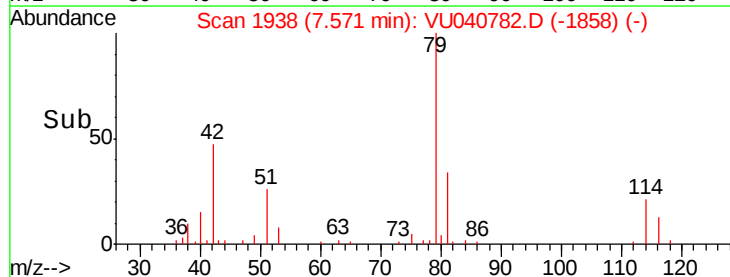
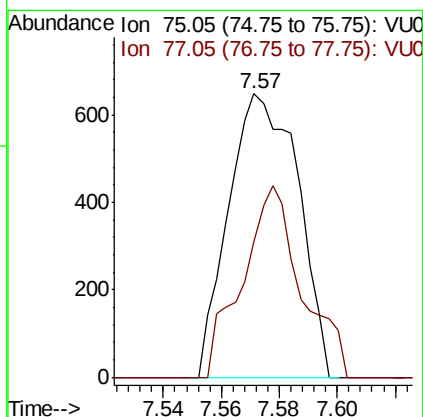
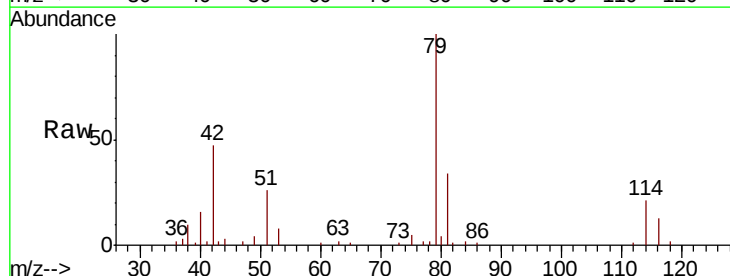
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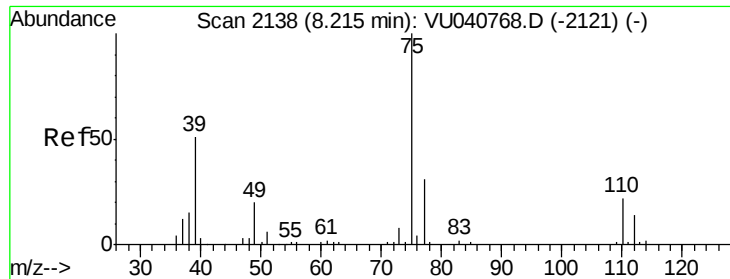
Tot Ion: 63 Resp: 5493
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040782.D
 Acq: 17 Oct 2020 23:32

Tgt Ion: 75 Resp: 1076
 Ion Ratio Lower Upper
 75 100
 77 47.8 20.5 38.1#

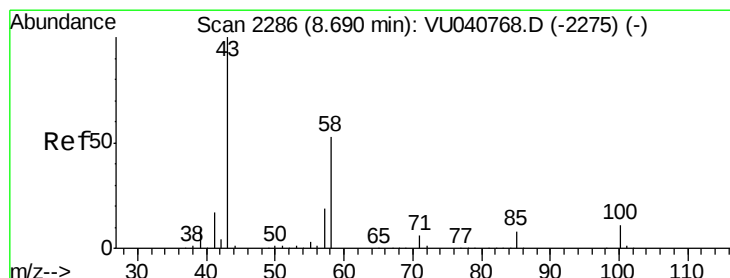
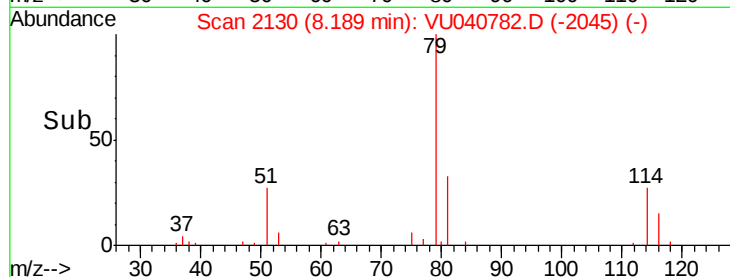
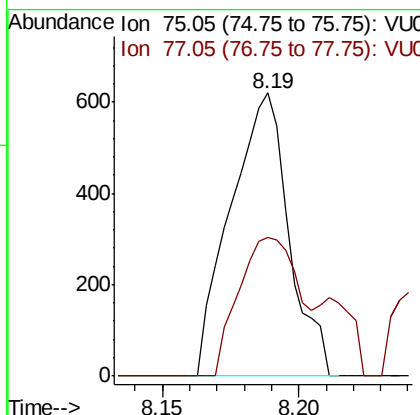
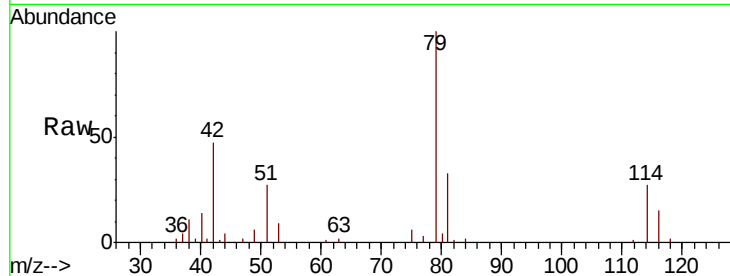




#44
trans-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

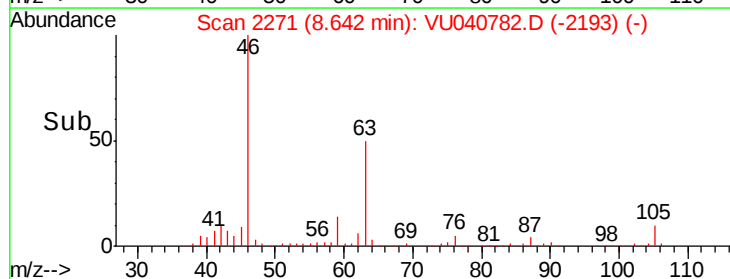
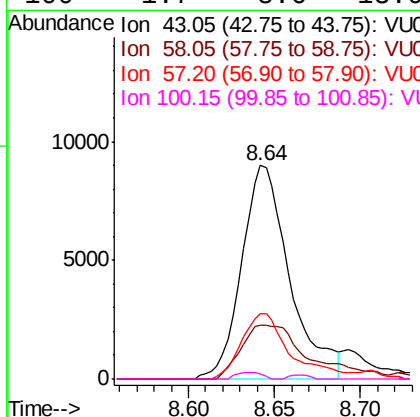
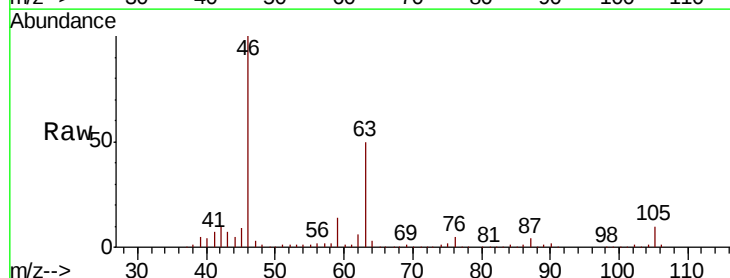
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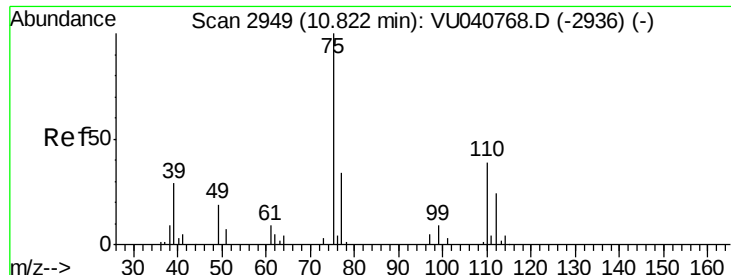
Tot Ion: 75 Resp: 919
Ion Ratio Lower Upper
75 100
77 49.2 20.4 38.0#



#48
2-Hexanone
Concen: 2.683 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Tgt Ion: 43 Resp: 17481
Ion Ratio Lower Upper
43 100
58 35.6 41.0 61.6#
57 31.2 14.4 21.6#
100 1.7 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 0.837 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040782.D

Acq: 17 Oct 2020 23:32

Instrument :

MSVOA_U

ClientSampleId :

ETZ25

Tot Ion: 75 Resp: 6746

Ion Ratio Lower Upper

75 100

77 39.7 26.4 39.6#

