

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040601.D
 Acq On : 09 Oct 2020 22:38
 Operator : SY/MD
 Sample : L4352-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ09

Quant Time: Oct 10 06:06:00 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	129209	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135680	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58492	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	47696	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.92	69	38727	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.58	63	69436	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.66	46	183116	53.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.90%
24) Chloroform-d	5.08	84	89636	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	56997	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.75	84	168542	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.70	67	57521	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.91	98	134812	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	22215	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.64	63	131293	49.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51616	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	56561	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

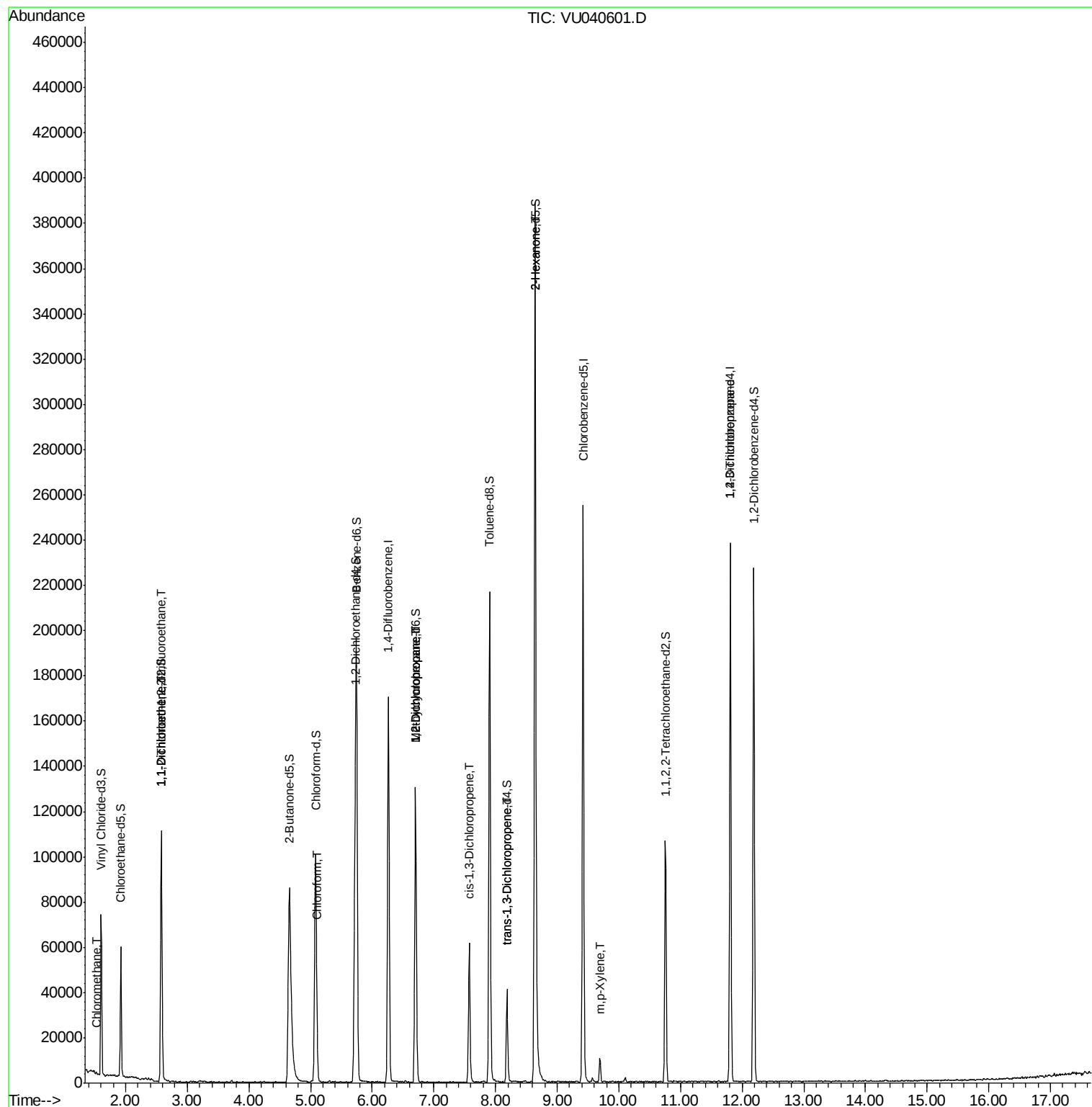
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	517	0.047	ug/L	85
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	619	0.058	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	545	0.059	ug/L #	1
25) Chloroform	5.11	83	2025	0.099	ug/L	92
35) Methylcyclohexane	6.70	83	12967	0.809	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6360	0.524	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1537	0.093	ug/L #	59
44) trans-1,3-Dichloropropene	8.19	75	940	0.062	ug/L #	71
48) 2-Hexanone	8.64	43	18549	2.573	ug/L #	71
53) m,p-Xylene	9.69	106	2825	0.161	ug/L	90
59) 1,2,3-Trichloropropane	11.81	75	8077	0.905	ug/L	91

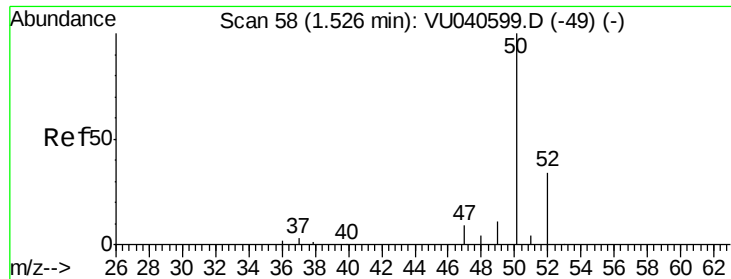
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.047 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040601.D

Acq: 09 Oct 2020 22:38

Instrument :

MSVOA_U

ClientSampleID :

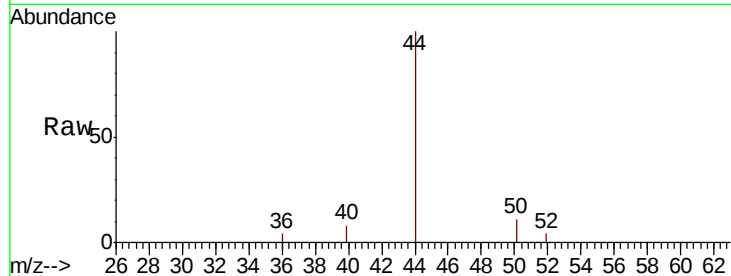
ETZ09

Tot Ion: 50 Resp: 517

Ion Ratio Lower Upper

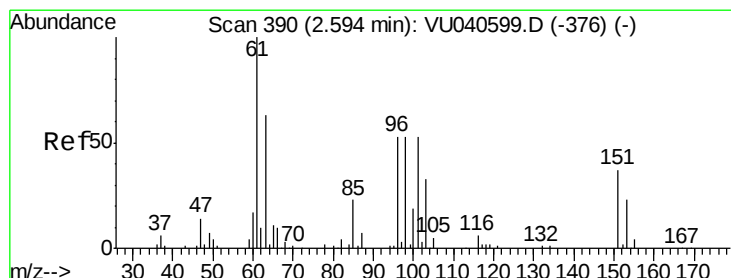
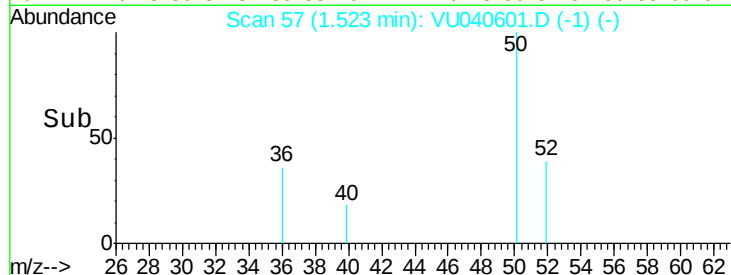
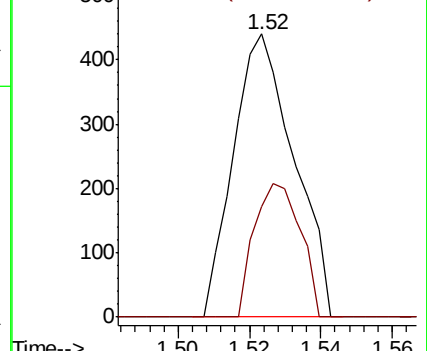
50 100

52 39.3 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: 0.058 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040601.D

Acq: 09 Oct 2020 22:38

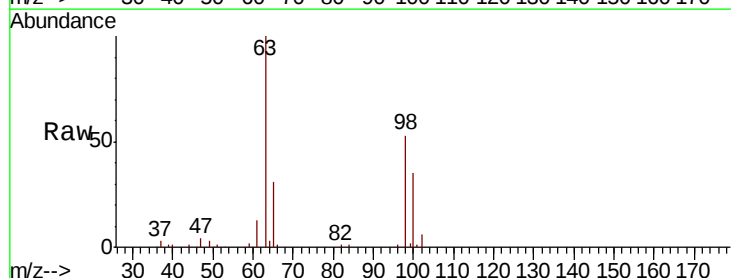
Tgt Ion:101 Resp: 619

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

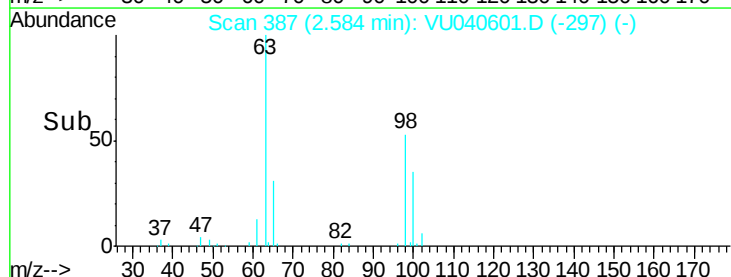
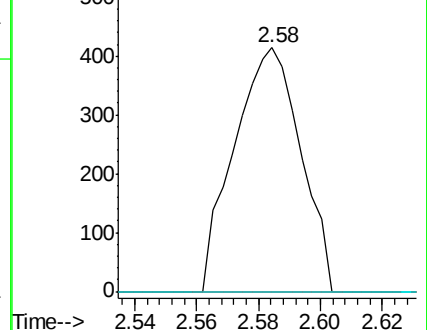
151 0.0 58.0 87.0#

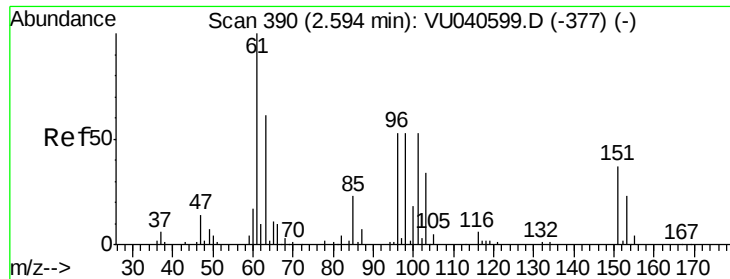


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.059 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040601.D

Acq: 09 Oct 2020 22:38

Instrument :

MSVOA_U

ClientSampled :

ETZ09

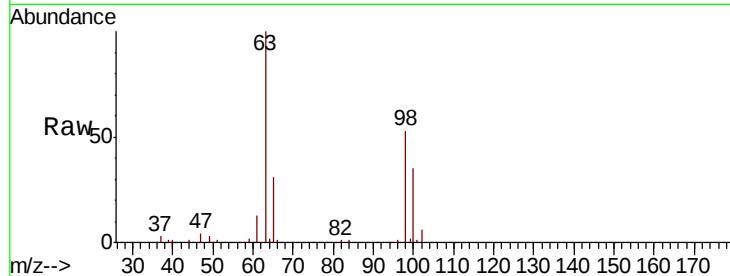
Tot Ion: 96 Resp: 545

Ion Ratio Lower Upper

96 100

61 1206.9 128.8 239.2#

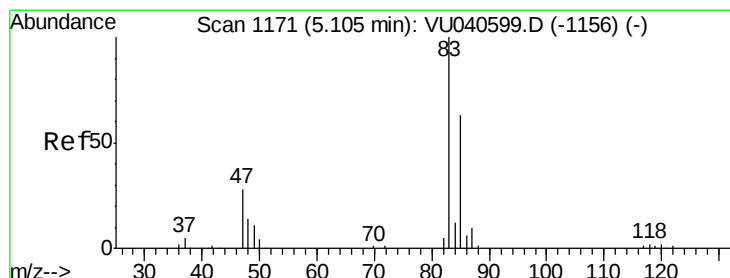
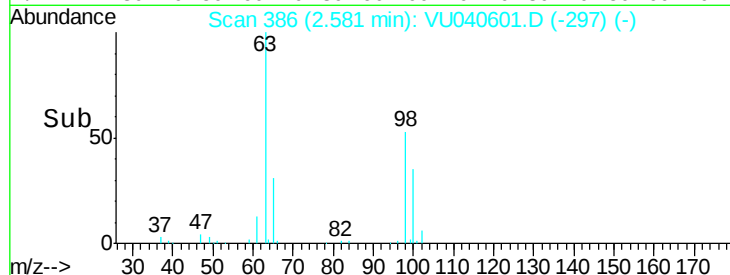
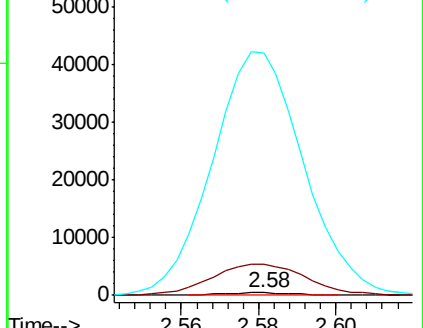
63 9316.8 84.6 157.2#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#25

Chloroform

Concen: 0.099 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040601.D

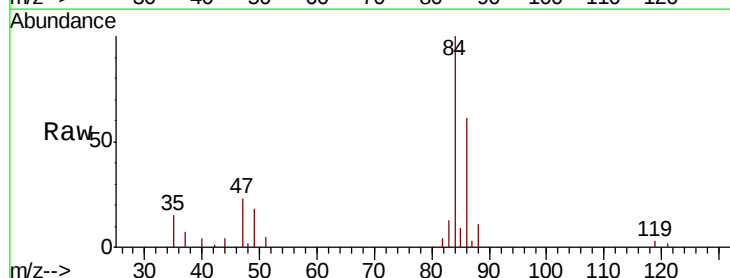
Acq: 09 Oct 2020 22:38

Tgt Ion: 83 Resp: 2025

Ion Ratio Lower Upper

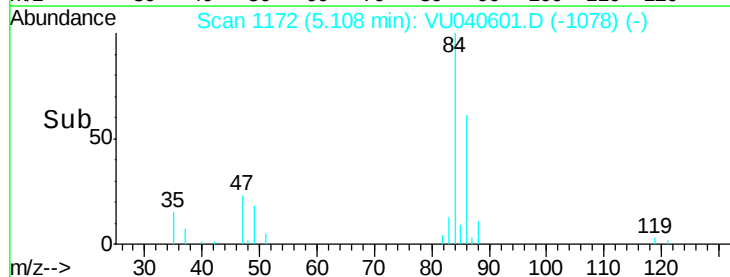
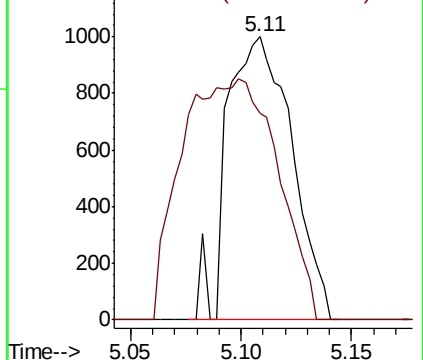
83 100

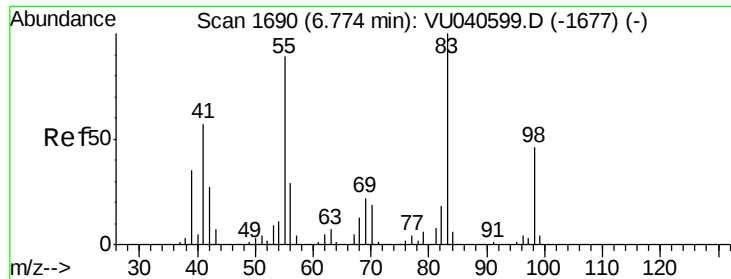
85 73.2 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

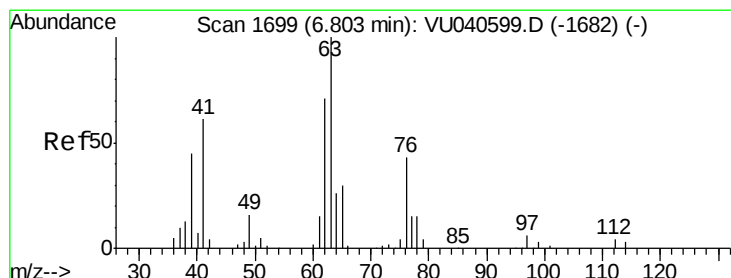
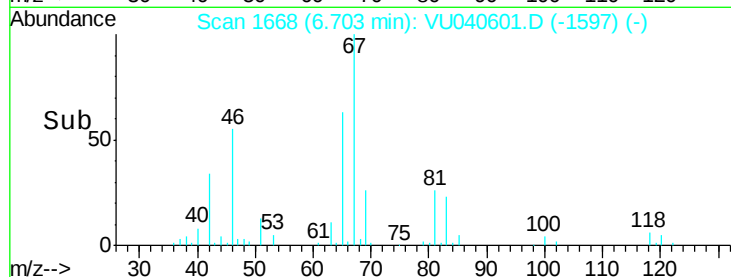
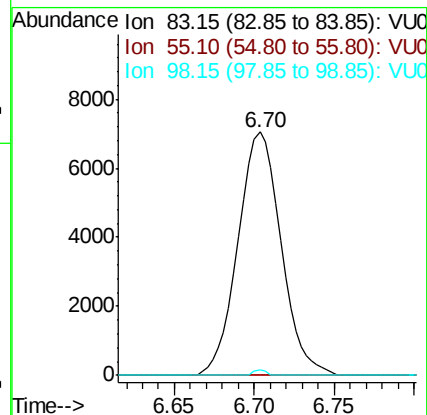
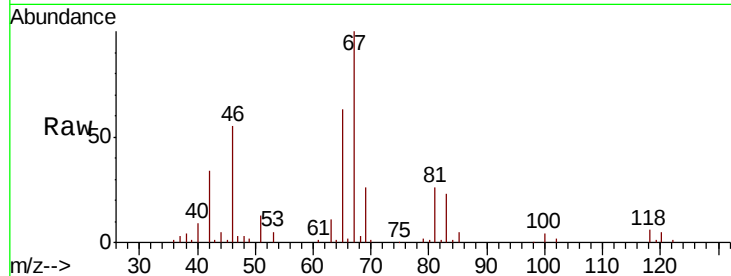




#35
Methvlcvclohexane
Concen: 0.809 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040601.D
Acq: 09 Oct 2020 22:38

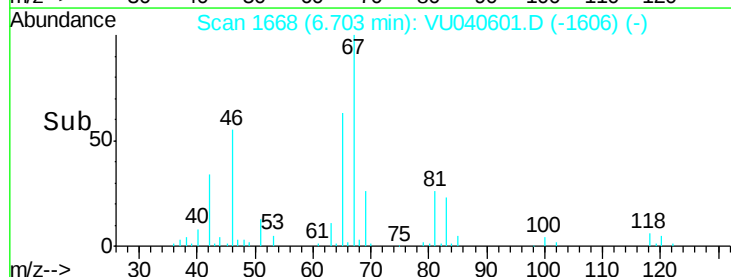
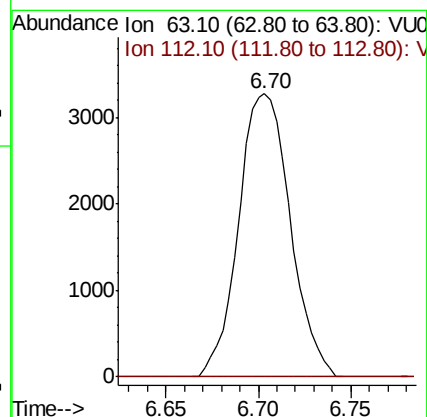
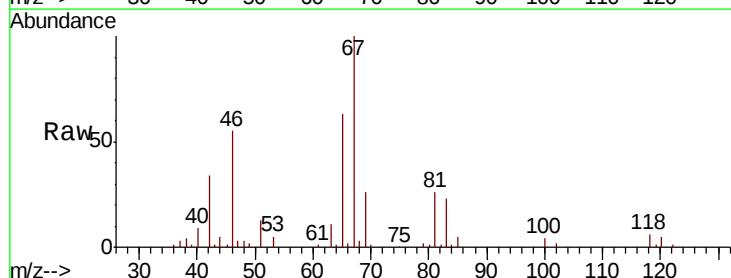
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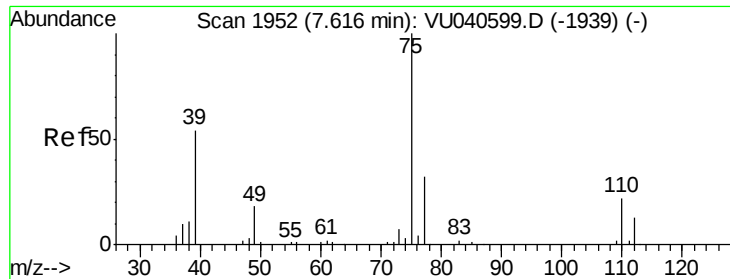
Tot Ion: 83 Resp: 12967
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.6 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.524 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040601.D
Acq: 09 Oct 2020 22:38

Tgt Ion: 63 Resp: 6360
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

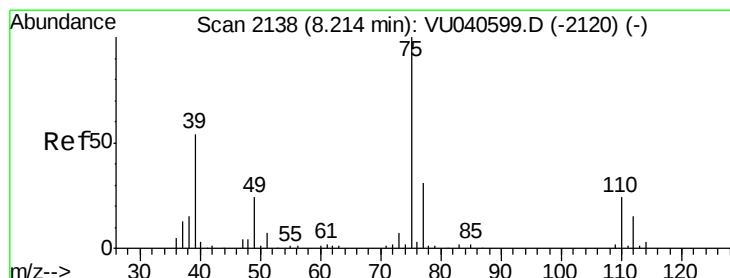
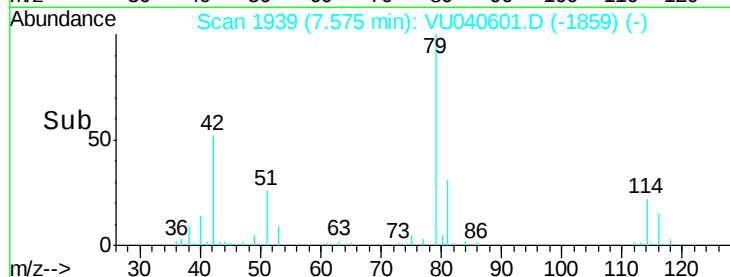
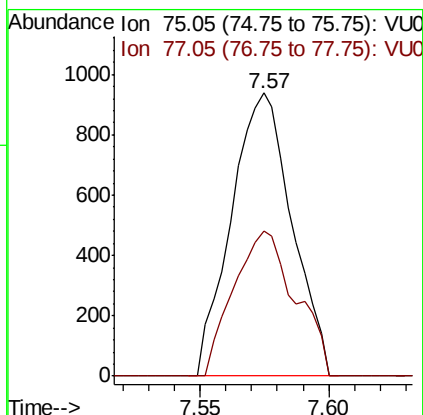
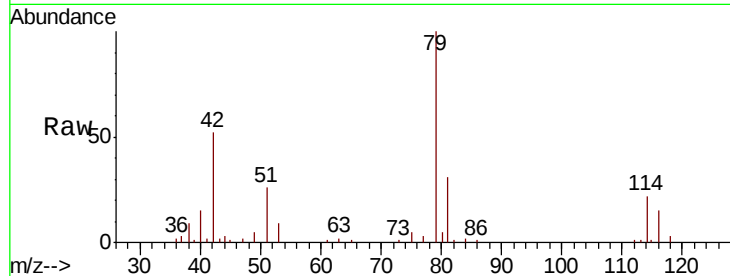




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040601.D
 Acq: 09 Oct 2020 22:38

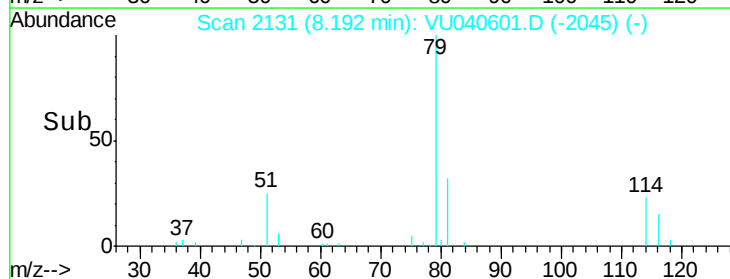
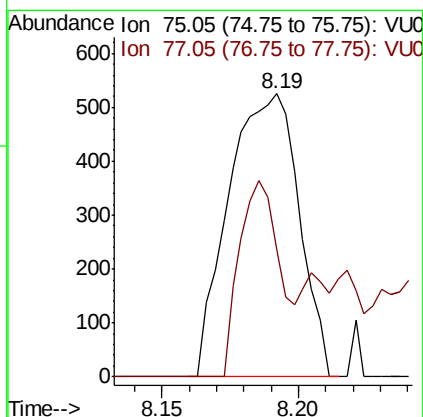
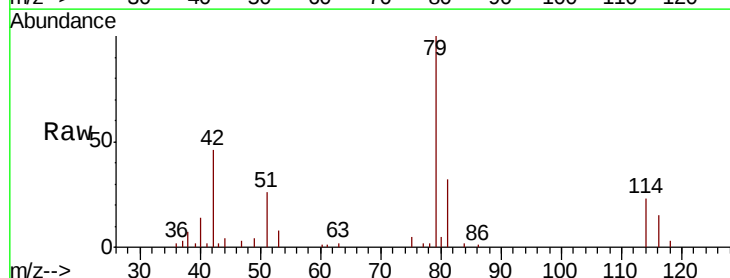
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 ClientSampled :
 ETZ09

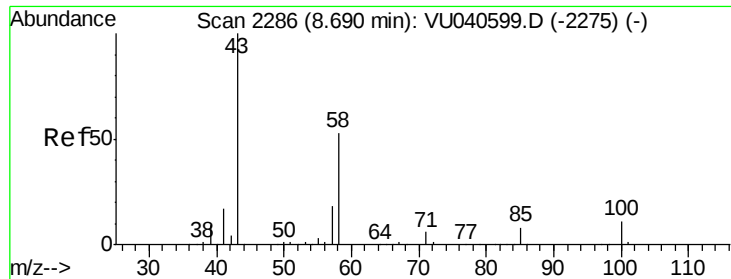
Tot Ion: 75 Resp: 1537
 Ion Ratio Lower Upper
 75 100
 77 51.3 20.5 38.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.062 ug/L
 RT: 8.19 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: VU040601.D
 Acq: 09 Oct 2020 22:38

Tgt Ion: 75 Resp: 940
 Ion Ratio Lower Upper
 75 100
 77 44.8 20.4 38.0#

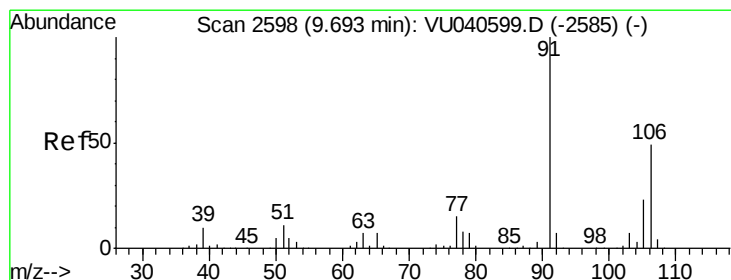
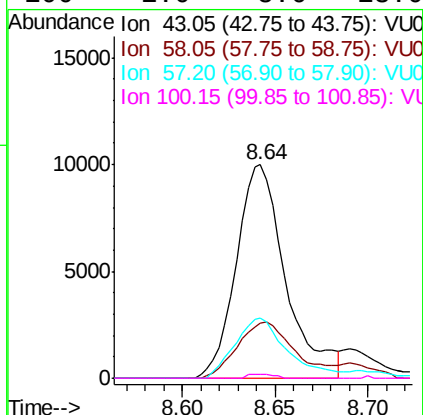
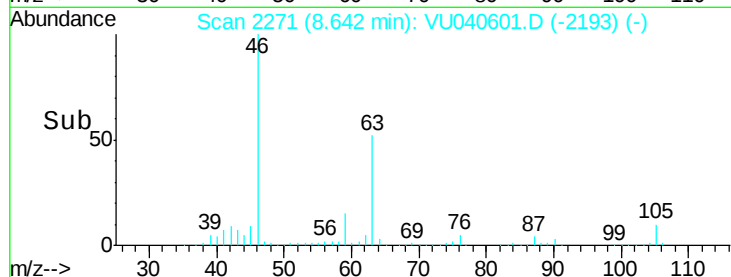
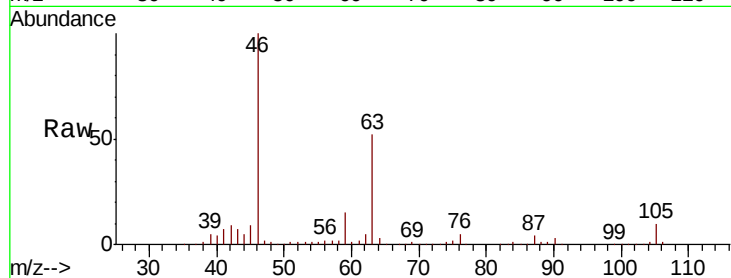




#48
2-Hexanone
Concen: 2.573 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040601.D
Acq: 09 Oct 2020 22:38

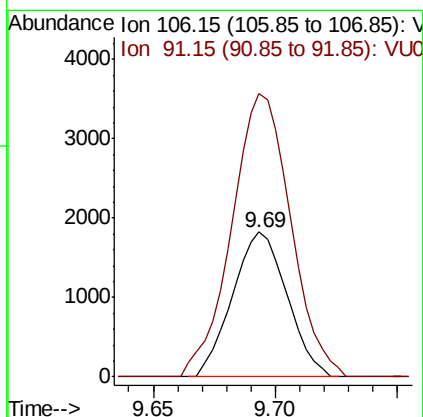
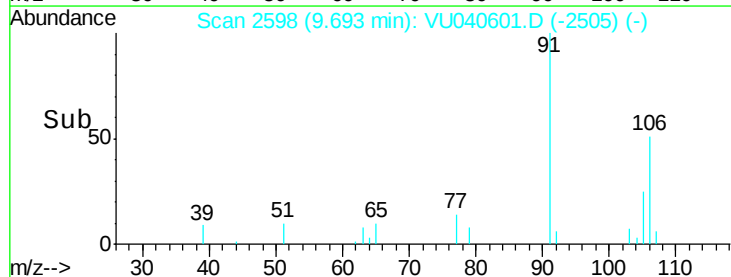
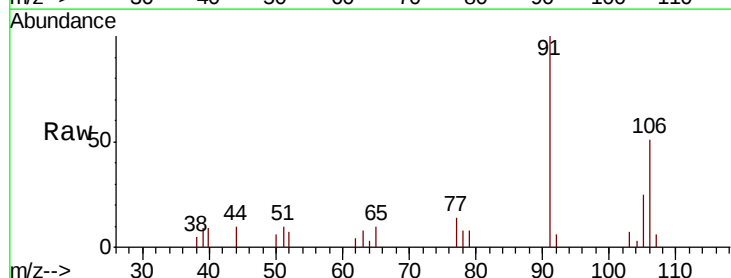
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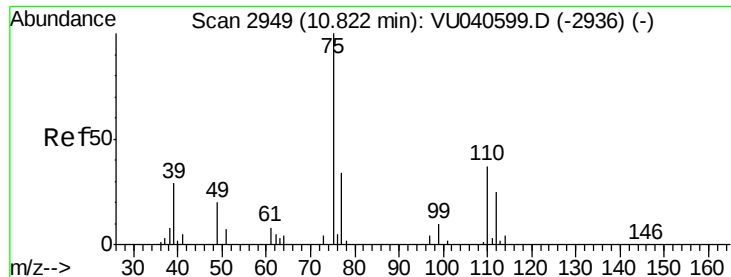
Tot Ion	Ratio	Lower	Upper
43	100		
58	30.3	41.0	61.6#
57	29.9	14.4	21.6#
100	1.0	8.6	13.0#



#53
m,p-Xylene
Concen: 0.161 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040601.D
Acq: 09 Oct 2020 22:38

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.8	148.5	275.7





#59

1,2,3-Trichloropropane

Concen: 0.905 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040601.D

Acq: 09 Oct 2020 22:38

Instrument :

MSVOA_U

ClientSampleId :

ETZ09

Tot Ion: 75 Resp: 8077

Ion Ratio Lower Upper

75 100

77 38.2 26.4 39.6

