

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010421\
 Data File : VU041841.D
 Acq On : 04 Jan 2021 13:20
 Operator : SY/MD
 Sample : L5254-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 05 01:01:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 05 01:00:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	151558	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	142685	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62050	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	53358	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.92	69	51884	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.57	63	76805	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.66	46	175517	51.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.14%
24) Chloroform-d	5.08	84	108735	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.72	65	61343	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.74	84	211905	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.70	67	70156	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.91	98	175036	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.19	79	24952	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	137748	43.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55969	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	58178	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

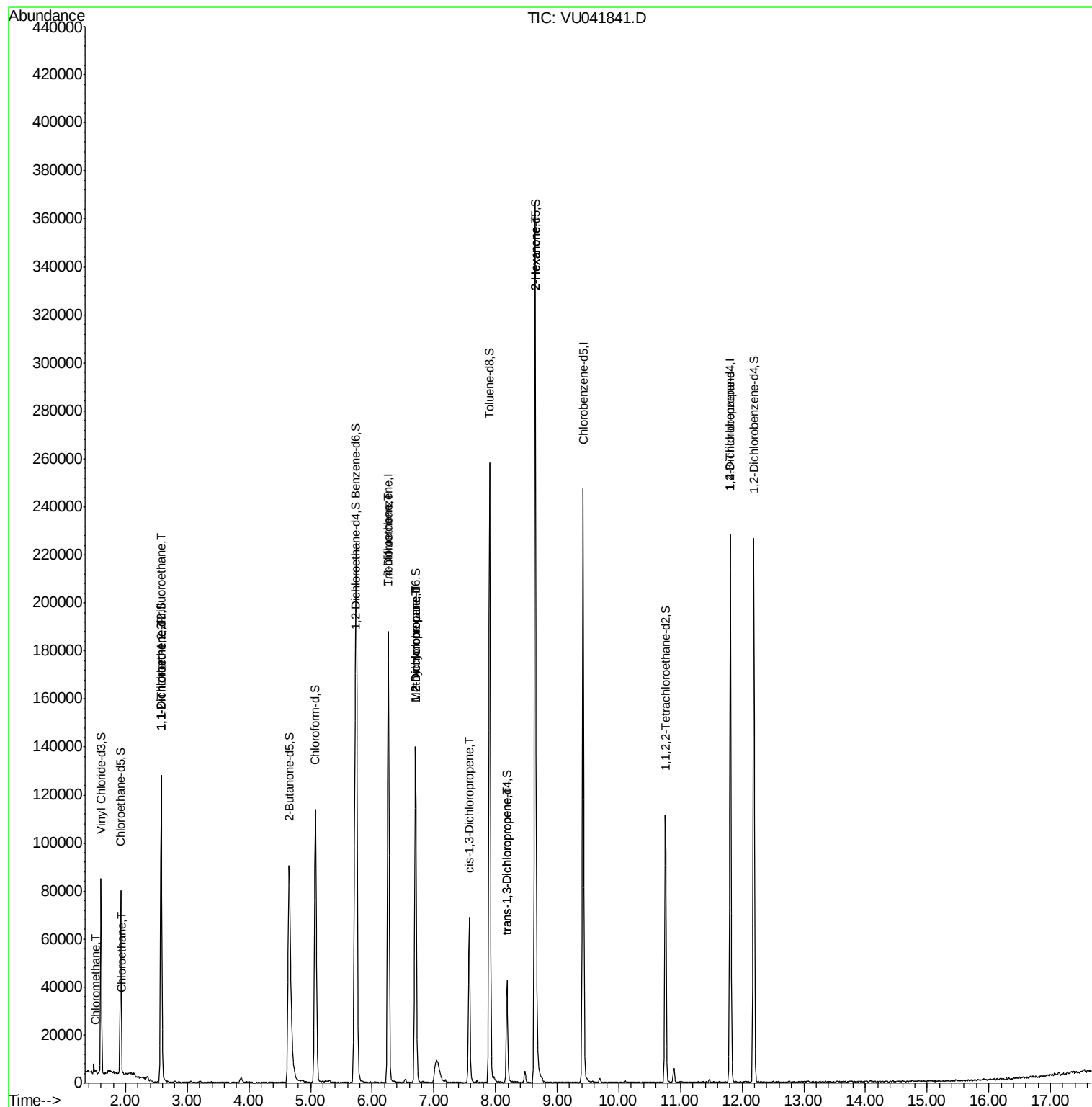
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	935	0.075	ug/L	98
8) Chloroethane	1.94	64	294	0.031	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	627	0.060	ug/L #	22
12) 1,1-Dichloroethene	2.57	96	624	0.061	ug/L #	1
34) Trichloroethene	6.26	95	3033	0.265	ug/L #	7
35) Methylcyclohexane	6.70	83	15997	0.863	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	7228	0.619	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1631	0.094	ug/L #	69
44) trans-1,3-Dichloropropene	8.19	75	763	0.049	ug/L #	53
48) 2-Hexanone	8.64	43	16476	2.726	ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	7289	0.832	ug/L	98

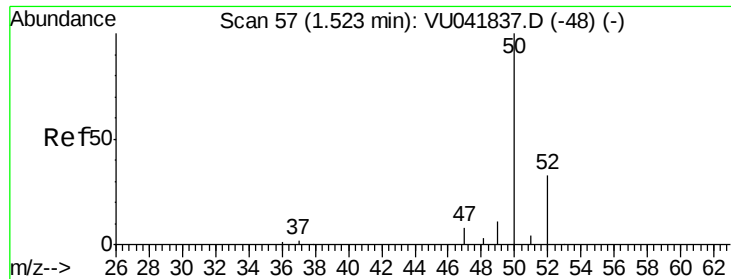
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010421\
Data File : VU041841.D
Acq On : 04 Jan 2021 13:20
Operator : SY/MD
Sample : L5254-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 05 01:01:37 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 05 01:00:34 2021
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.075 ug/L

RT: 1.52 min Scan# 56

Delta R.T. -0.00 min

Lab File: VU041841.D

Acq: 04 Jan 2021 13:20

Instrument :

MSVOA_U

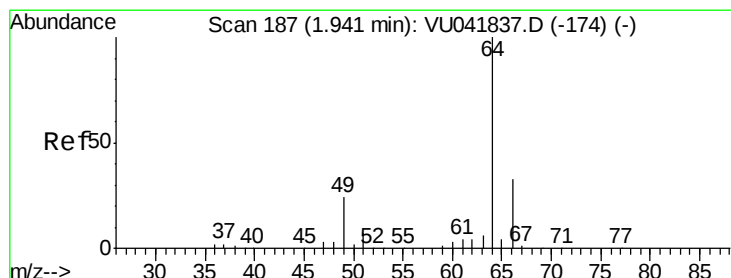
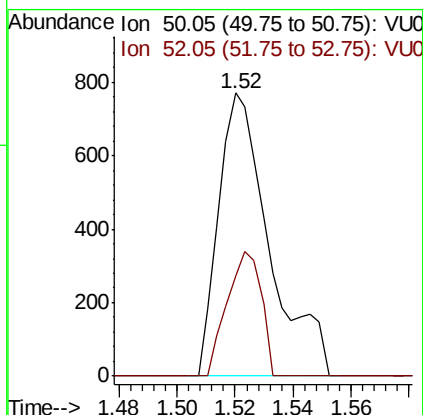
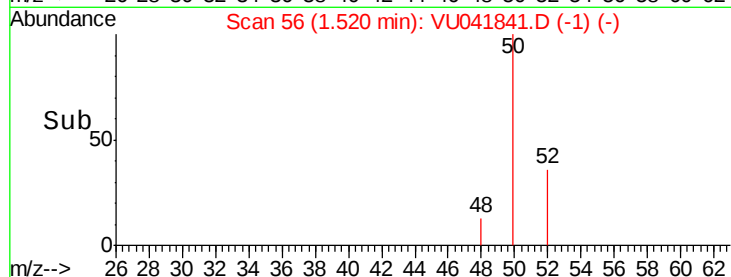
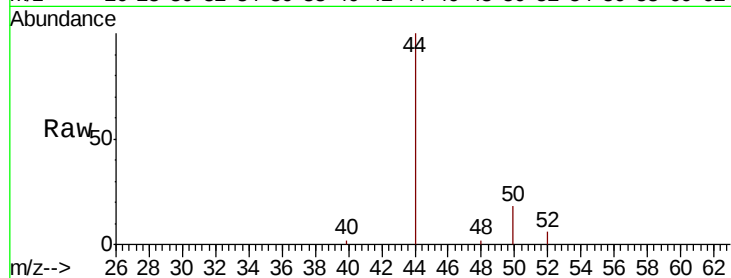
ClientSampleId :

Tot Ion: 50 Resp: 935

Ion Ratio Lower Upper

50 100

52 35.6 24.1 44.8



#8

Chloroethane

Concen: 0.031 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU041841.D

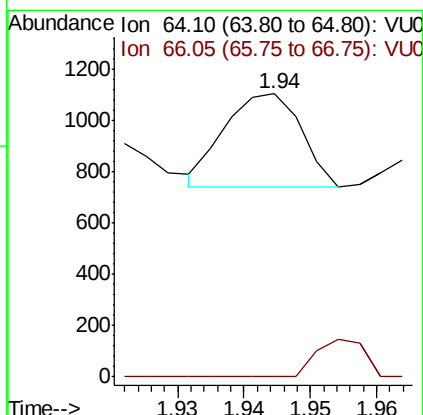
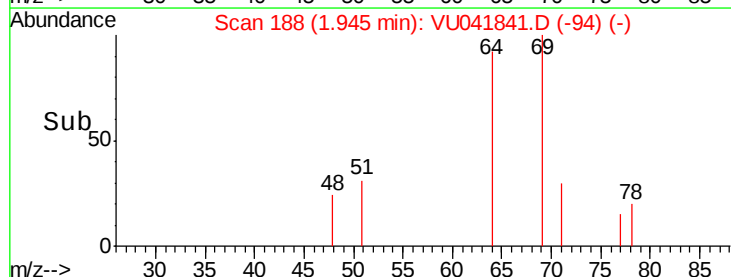
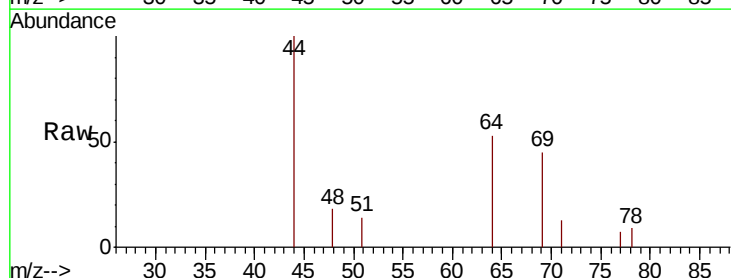
Acq: 04 Jan 2021 13:20

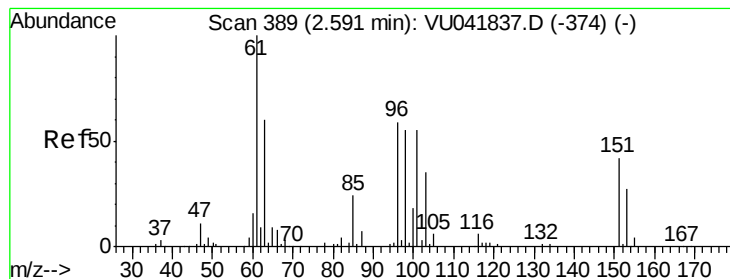
Tgt Ion: 64 Resp: 294

Ion Ratio Lower Upper

64 100

66 0.0 21.6 40.0#





#10

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

Concen: 0.060 ug/L

RT: 2.57 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU041841.D

Acq: 04 Jan 2021 13:20

Instrument :

MSVOA_U

ClientSampleId :

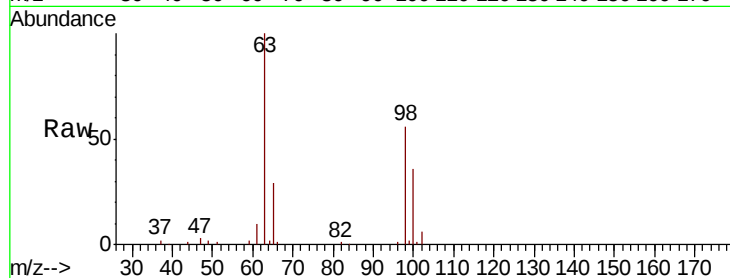
Tot Ion:101 Resp: 627

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

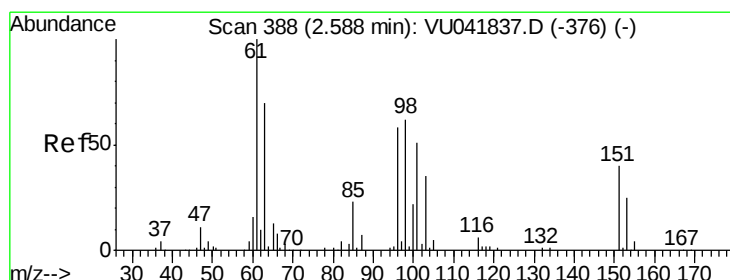
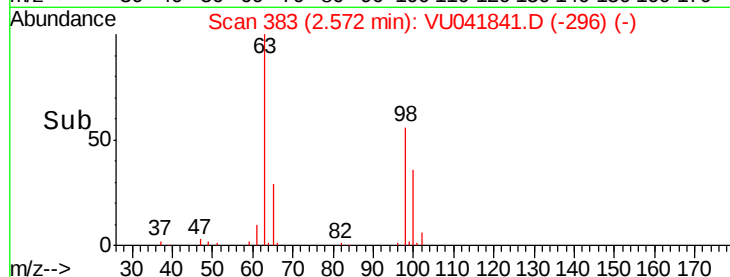
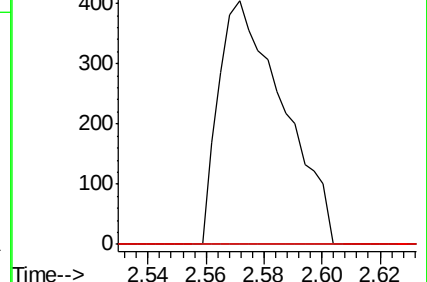
151 0.0 56.2 84.4#



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: 0.061 ug/L

RT: 2.57 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU041841.D

Acq: 04 Jan 2021 13:20

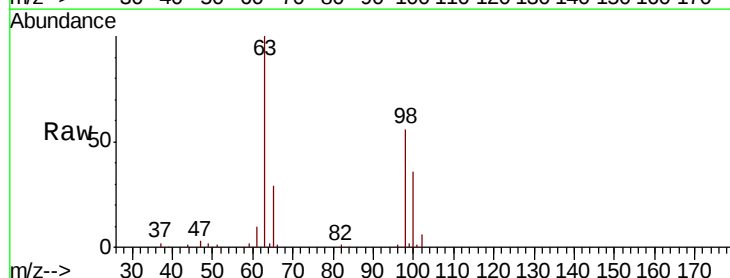
Tgt Ion: 96 Resp: 624

Ion Ratio Lower Upper

96 100

61 917.4 123.8 230.0#

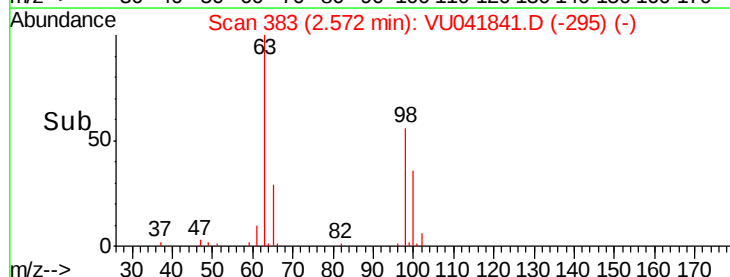
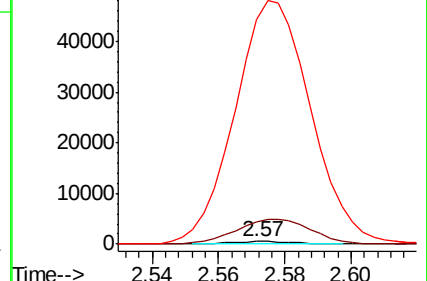
63 9391.1 81.0 150.4#

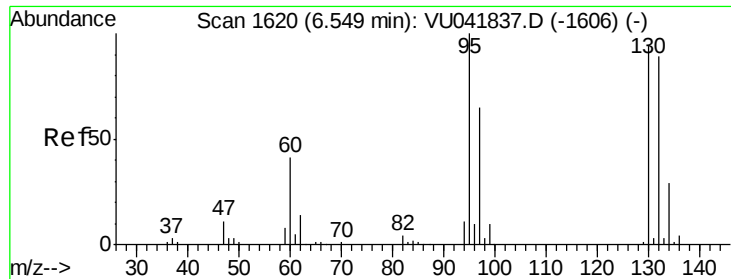


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

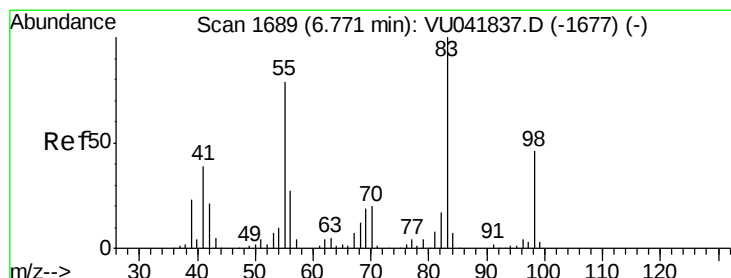
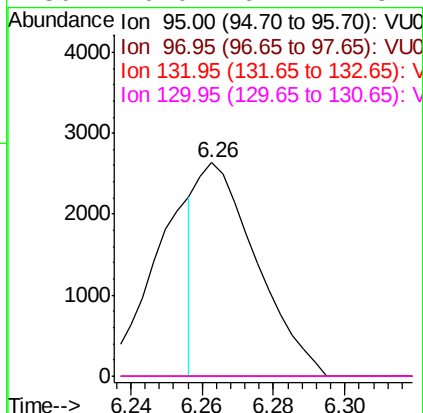
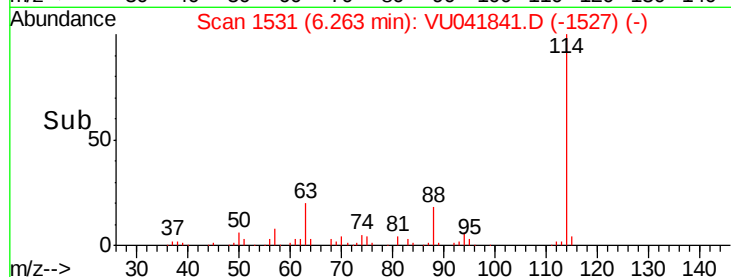
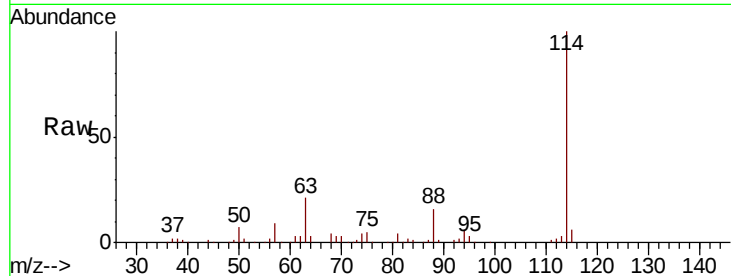




#34
 Trichloroethene
 Concen: 0.265 ug/L
 RT: 6.26 min Scan# 1531
 Delta R.T. -0.29 min
 Lab File: VU041841.D
 Acq: 04 Jan 2021 13:20

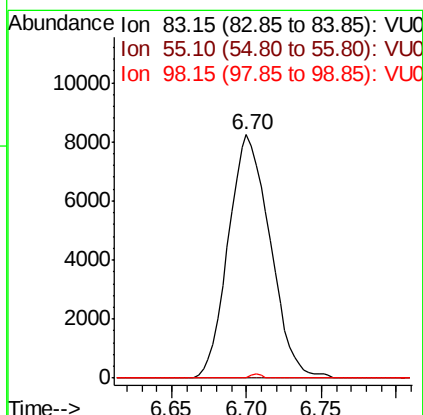
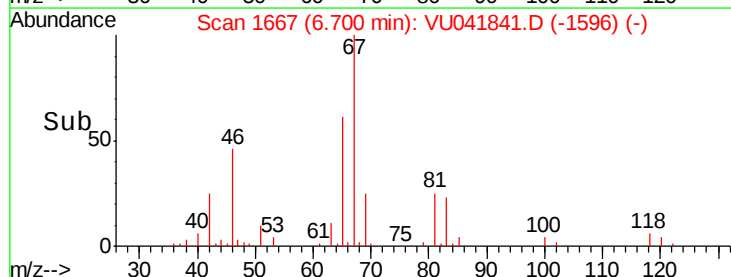
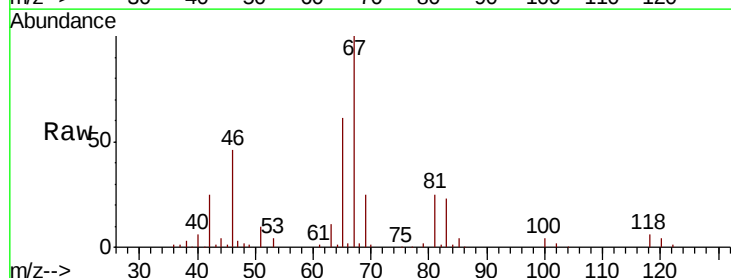
Instrument :
 MSVOA_U
 ClientSampleId :

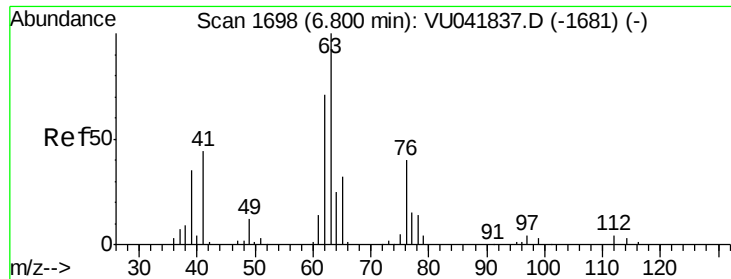
Tot Ion: 95 Resp: 3033
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.9 81.5#
 132 0.0 63.1 117.3#
 130 0.0 67.4 125.2#



#35
 Methylcyclohexane
 Concen: 0.863 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU041841.D
 Acq: 04 Jan 2021 13:20

Tgt Ion: 83 Resp: 15997
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 0.5 36.6 54.8#

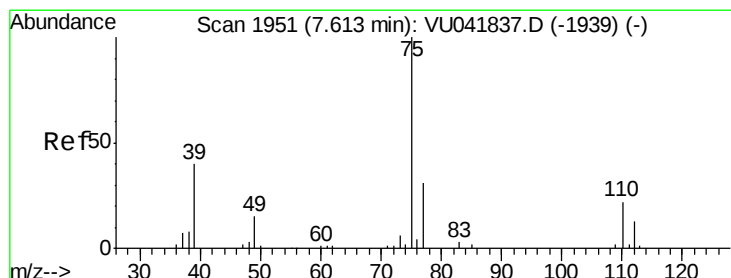
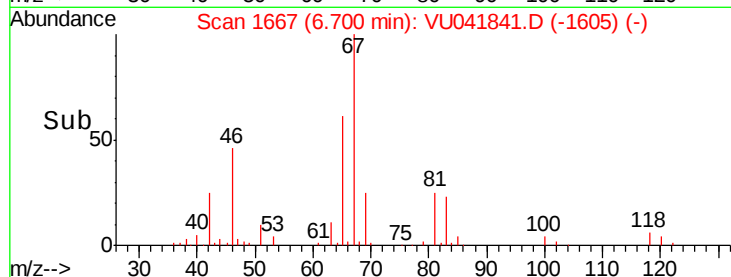
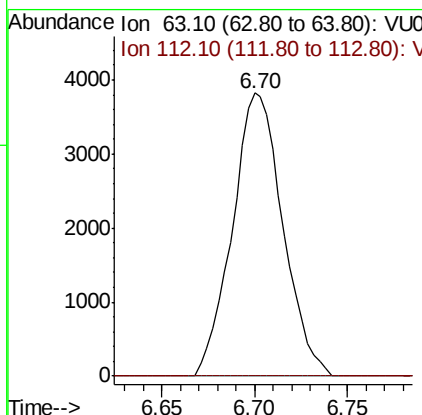
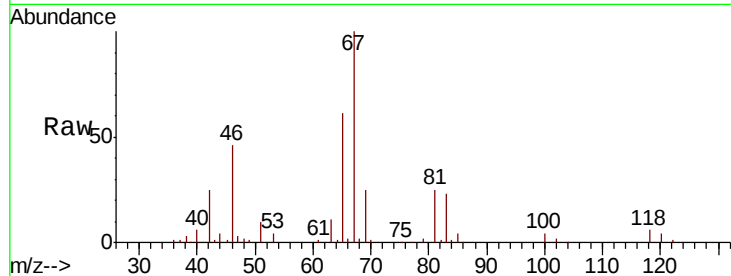




#37
 1,2-Dichloropropane
 Concen: 0.619 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041841.D
 Acq: 04 Jan 2021 13:20

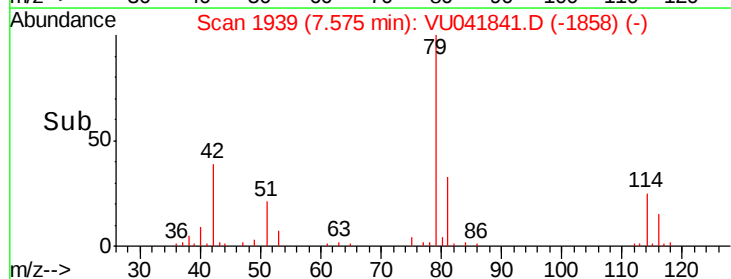
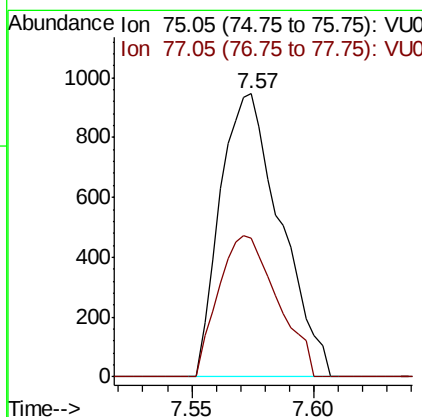
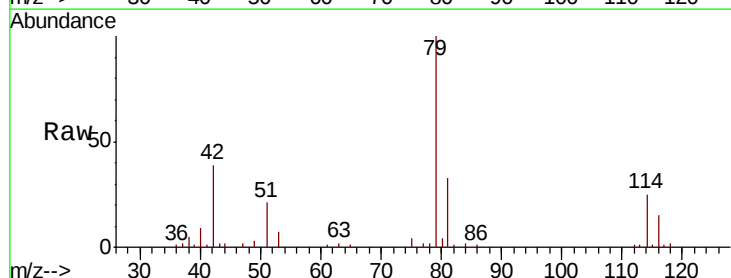
Instrument :
 MSVOA_U
 ClientSampleId :

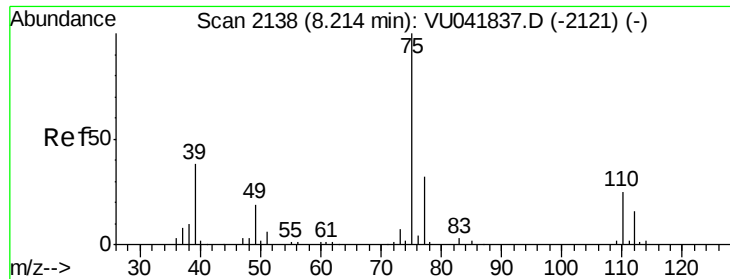
Tot Ion: 63 Resp: 7228
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041841.D
 Acq: 04 Jan 2021 13:20

Tgt Ion: 75 Resp: 1631
 Ion Ratio Lower Upper
 75 100
 77 48.8 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.049 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041841.D

Acq: 04 Jan 2021 13:20

Instrument :

MSVOA_U

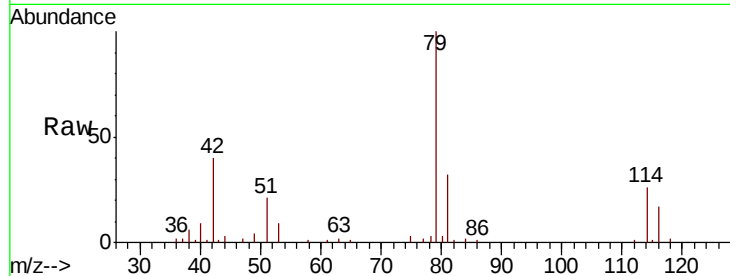
ClientSampled :

Tot Ion: 75 Resp: 763

Ion Ratio Lower Upper

75 100

77 61.1 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

400

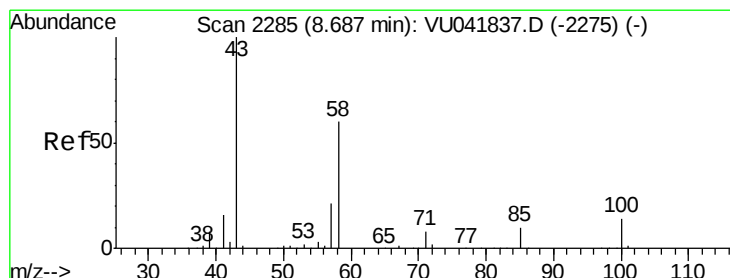
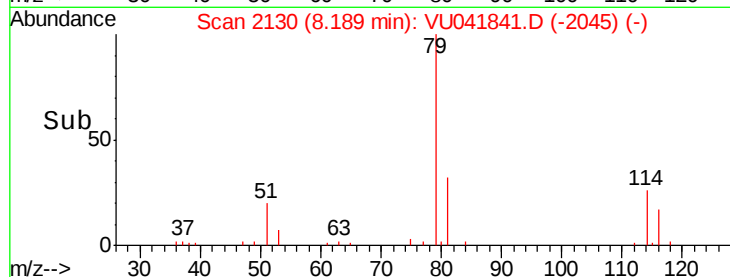
300

200

100

0

Time--> 8.14 8.16 8.18 8.20 8.22



#48

2-Hexanone

Concen: 2.726 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041841.D

Acq: 04 Jan 2021 13:20

Tgt Ion: 43 Resp: 16476

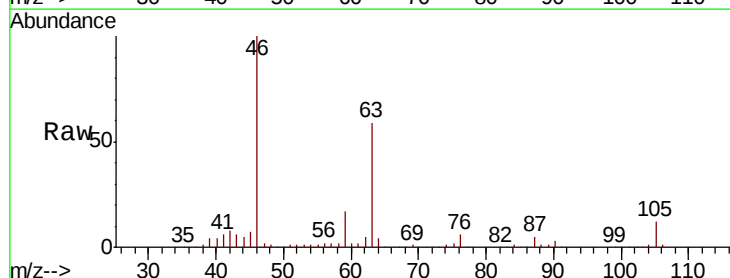
Ion Ratio Lower Upper

43 100

58 33.7 47.9 71.9#

57 32.8 16.5 24.7#

100 1.3 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

8.64

12000

10000

8000

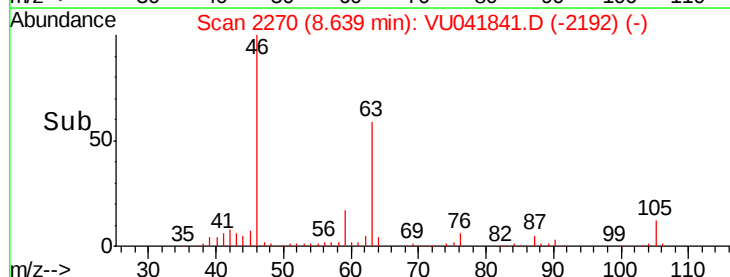
6000

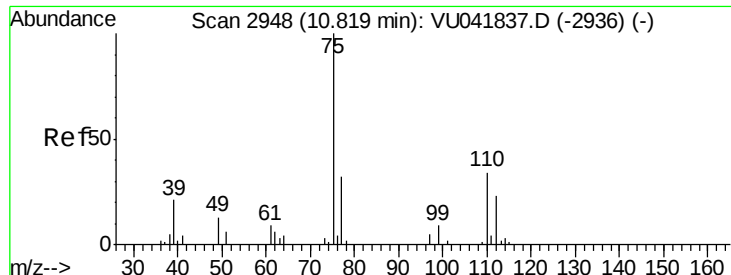
4000

2000

0

Time--> 8.55 8.60 8.65 8.70 8.75





#59

1,2,3-Trichloropropane

Concen: 0.832 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041841.D

Acq: 04 Jan 2021 13:20

Instrument :

MSVOA_U

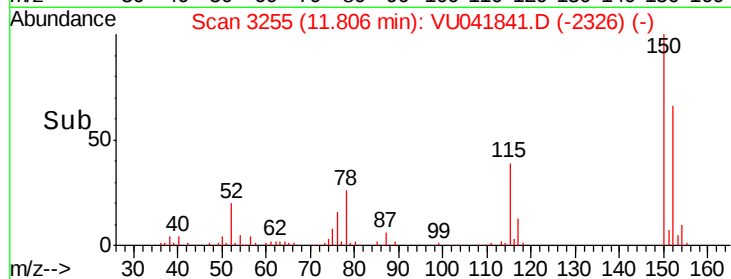
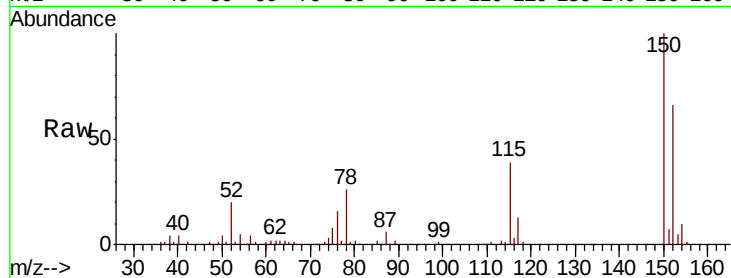
ClientSampleId :

Tot Ion: 75 Resp: 7289

Ion Ratio Lower Upper

75 100

77 33.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

