

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041775.D
 Acq On : 23 Dec 2020 12:22
 Operator : SY/MD
 Sample : L5161-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB241

Quant Time: Dec 24 01:10:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 24 01:08:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124104	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121490	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	39376	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.92	69	39263	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.58	63	58622	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.66	46	131979	47.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.72%
24) Chloroform-d	5.08	84	80332	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.72	65	45679	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.74	84	151281	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.70	67	48387	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.91	98	124015	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.18	79	19578	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.64	63	115098	42.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46042	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	47976	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	606	0.059	ug/L	99
12) 1,1-Dichloroethene	2.58	96	530	0.063	ug/L #	1
13) Acetone	2.67	43	93163	52.553	ug/L	99
15) Methyl Acetate	2.96	43	1090	0.237	ug/L #	51
16) Methylene chloride	3.06	84	7076	0.704	ug/L	97
21) 2-Butanone	4.74	43	5845	2.024	ug/L	79
25) Chloroform	5.10	83	1423	0.087	ug/L	94
27) 1,2-Dichloroethane	5.74	62	885	0.080	ug/L #	73
30) Cyclohexane	5.40	56	2561	0.164	ug/L #	83
31) Carbon tetrachloride	5.54	117	117688	9.755	ug/L	98
35) Methylcyclohexane	6.70	83	11849	0.751	ug/L #	20
37) 1,2-Dichloropropane	6.70	63	5304	0.534	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1158	0.079	ug/L	90
44) trans-1,3-Dichloropropene	8.18	75	701	0.053	ug/L #	60
48) 2-Hexanone	8.64	43	11919	2.316	ug/L #	64
59) 1,2,3-Trichloropropane	11.81	75	5387	0.722	ug/L	99

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration

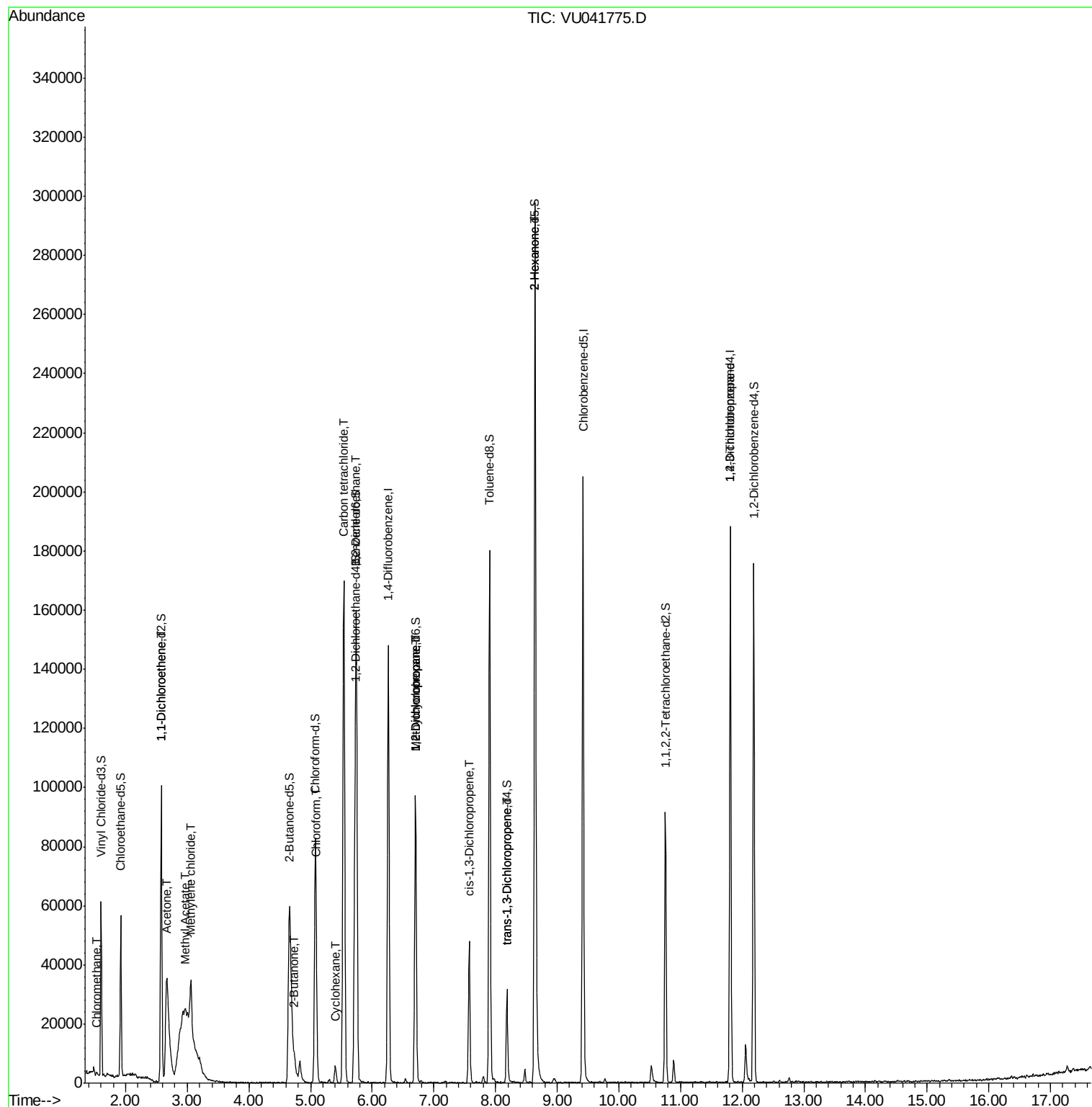
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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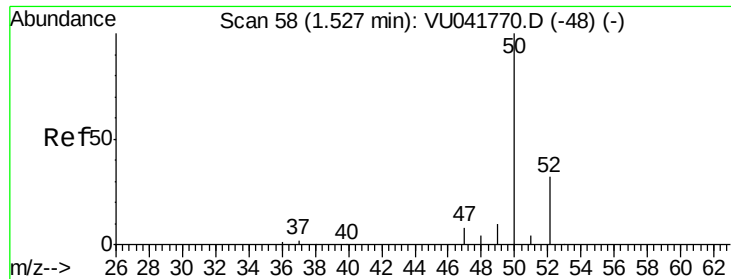
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.059 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041775.D

Acq: 23 Dec 2020 12:22

Instrument :

MSVOA_U

ClientSampleId :

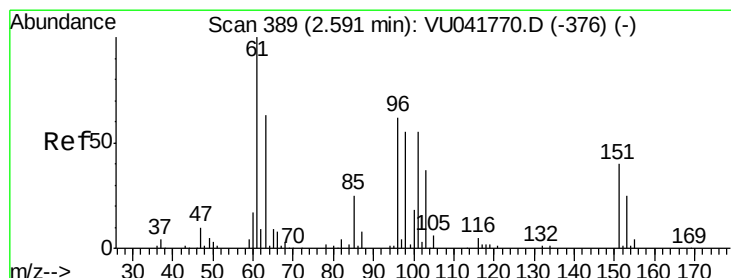
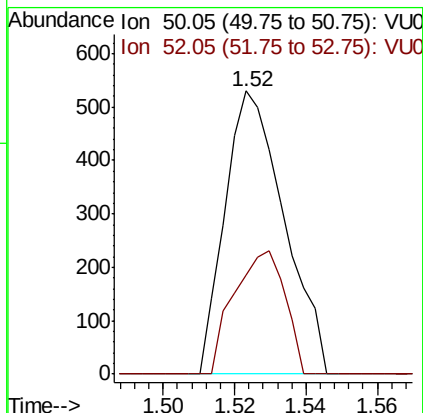
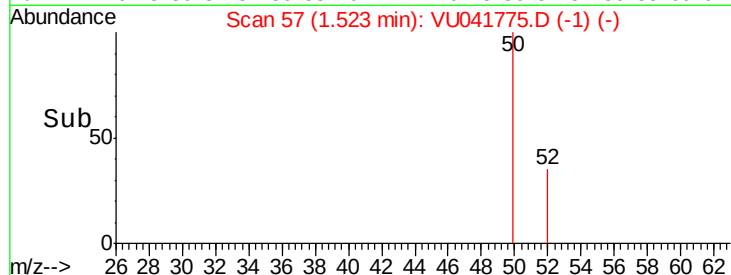
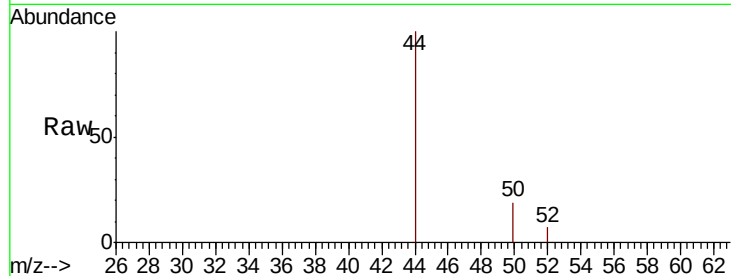
GB241

Tot Ion: 50 Resp: 606

Ion Ratio Lower Upper

50 100

52 35.1 24.1 44.8



#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041775.D

Acq: 23 Dec 2020 12:22

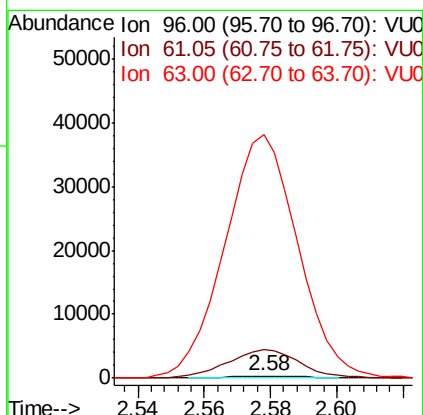
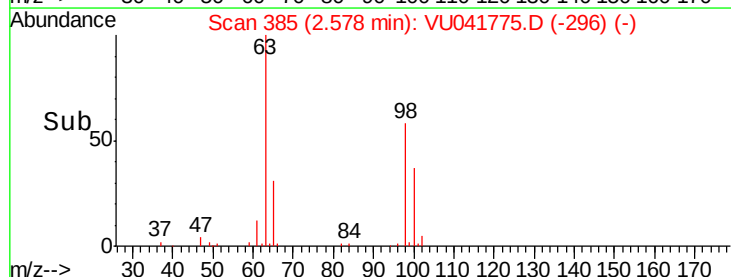
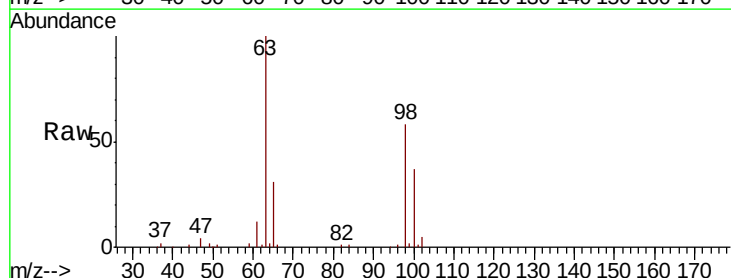
Tgt Ion: 96 Resp: 530

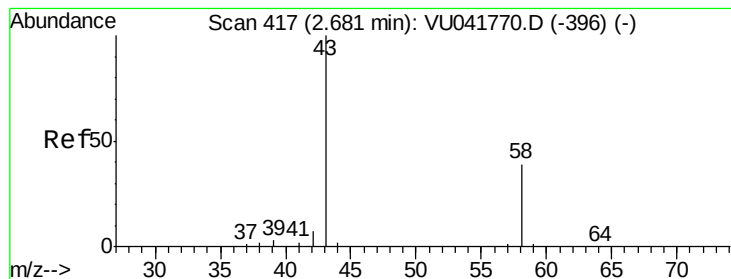
Ion Ratio Lower Upper

96 100

61 1205.2 123.8 230.0#

63 10479.1 81.0 150.4#





#13

Acetone

Concen: 52.553 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU041775.D

Acq: 23 Dec 2020 12:22

Instrument :

MSVOA_U

ClientSampleId :

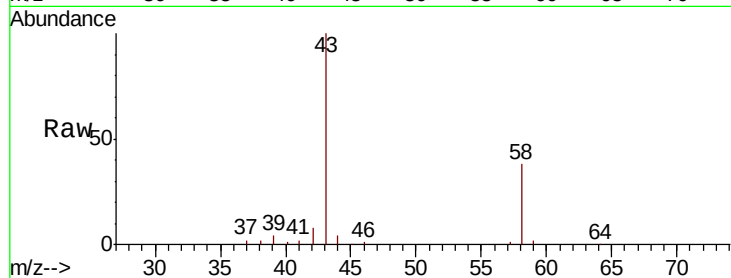
GB241

Tot Ion: 43 Resp: 93163

Ion Ratio Lower Upper

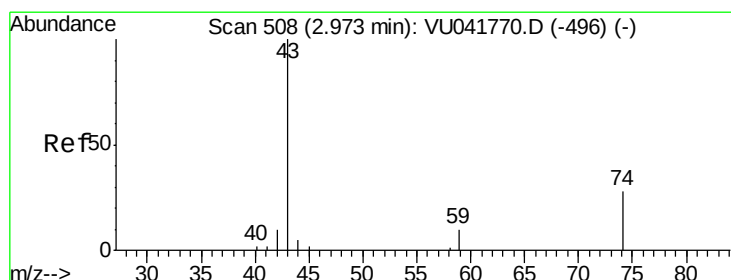
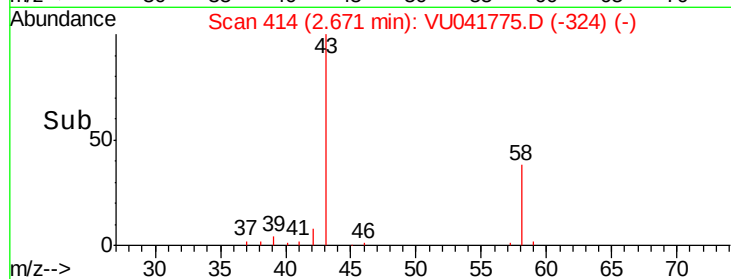
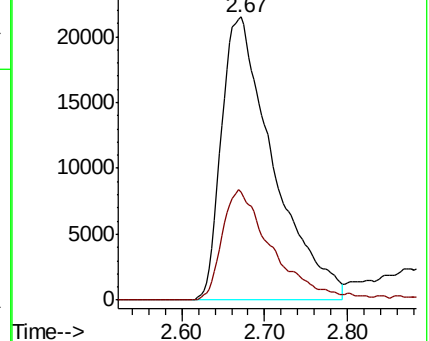
43 100

58 37.0 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041775.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU041775.D (-324) (-)



#15

Methyl Acetate

Concen: 0.237 ug/L

RT: 2.96 min Scan# 503

Delta R.T. -0.02 min

Lab File: VU041775.D

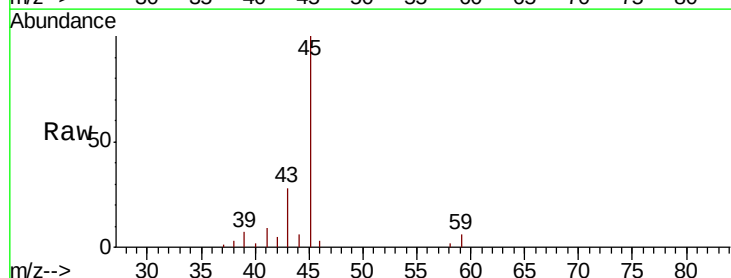
Acq: 23 Dec 2020 12:22

Tgt Ion: 43 Resp: 1090

Ion Ratio Lower Upper

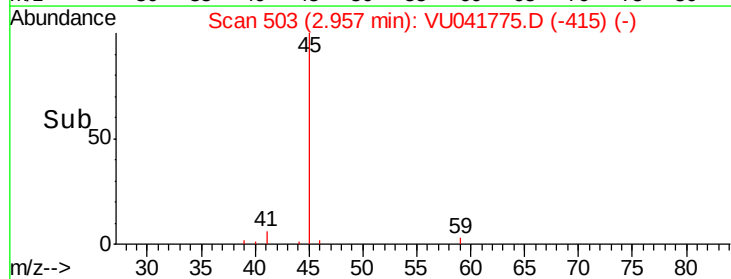
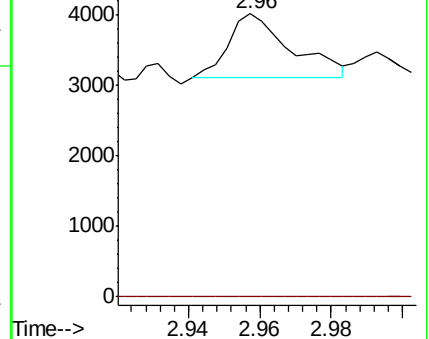
43 100

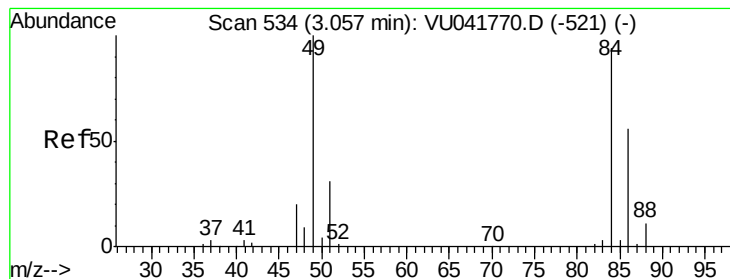
74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU041775.D (-415) (-)

Ion 74.05 (73.75 to 74.75): VU041775.D (-415) (-)





#16

Methylene chloride

Concen: 0.704 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041775.D

Acq: 23 Dec 2020 12:22

Instrument :

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ClientSampleId :

GB241

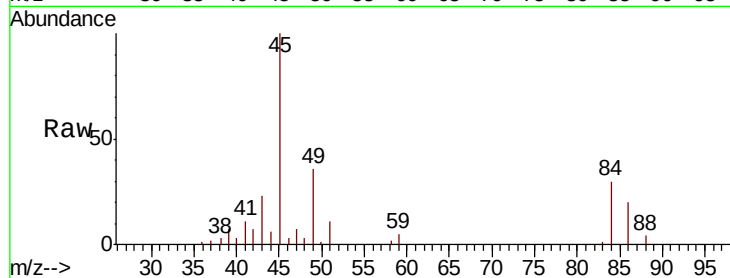
Tot Ion: 84 Resp: 7076

Ion Ratio Lower Upper

84 100

86 67.1 45.1 83.7

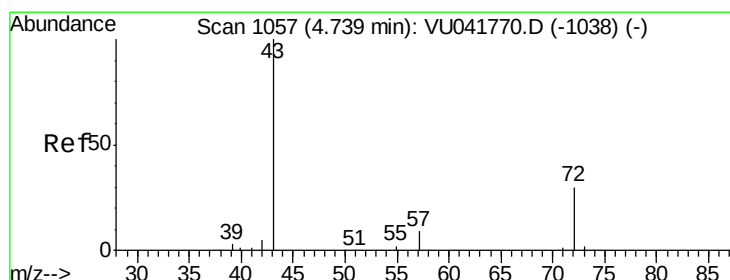
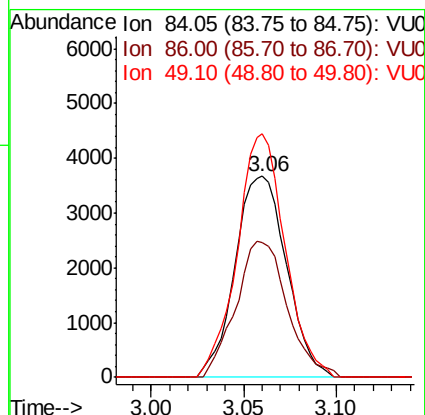
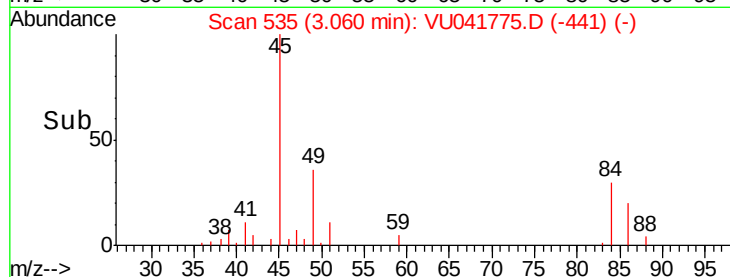
49 121.3 83.1 154.3



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#21

2-Butanone

Concen: 2.024 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VU041775.D

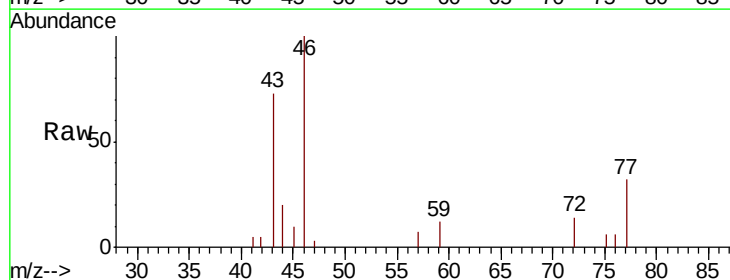
Acq: 23 Dec 2020 12:22

Tgt Ion: 43 Resp: 5845

Ion Ratio Lower Upper

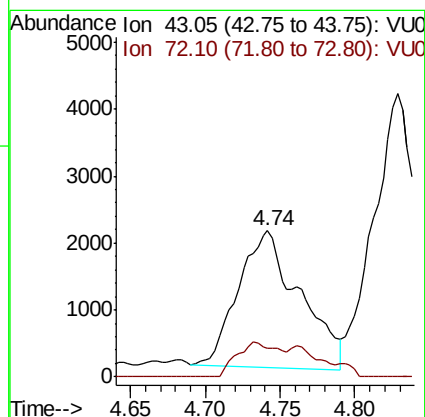
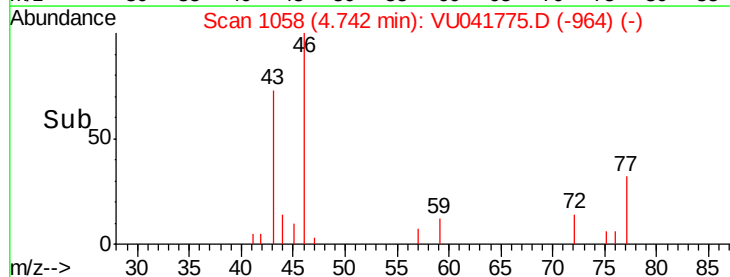
43 100

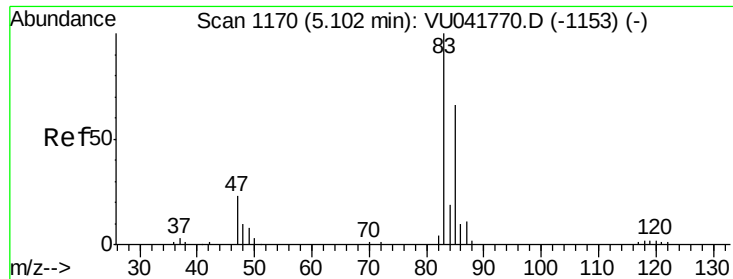
72 17.8 14.6 44.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

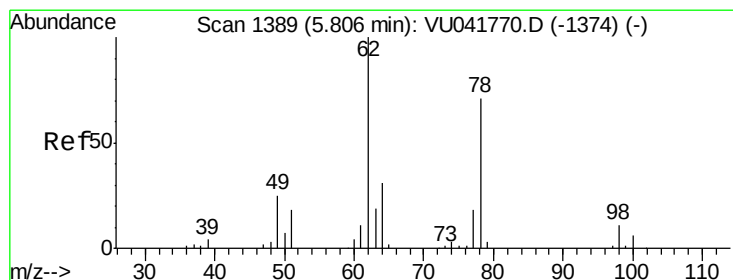
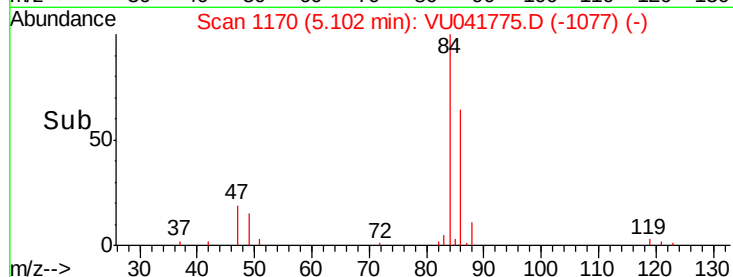
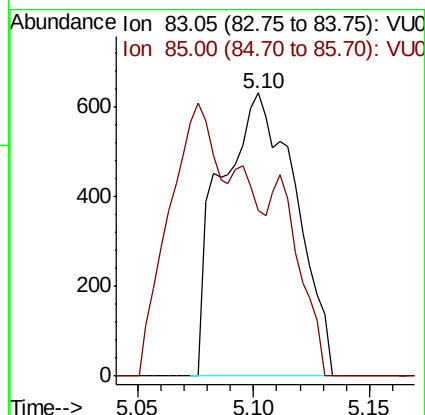
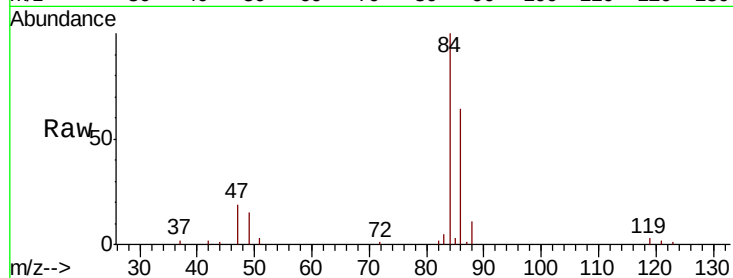




#25
Chloroform
Concen: 0.087 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041775.D
Acq: 23 Dec 2020 12:22

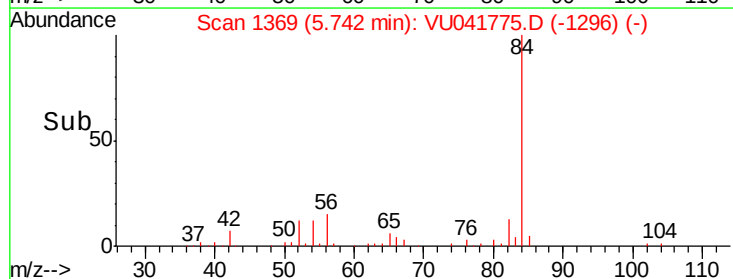
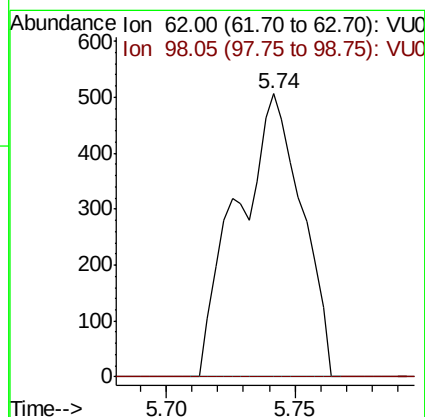
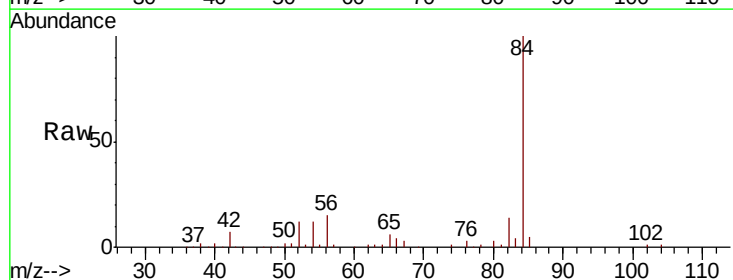
Instrument :
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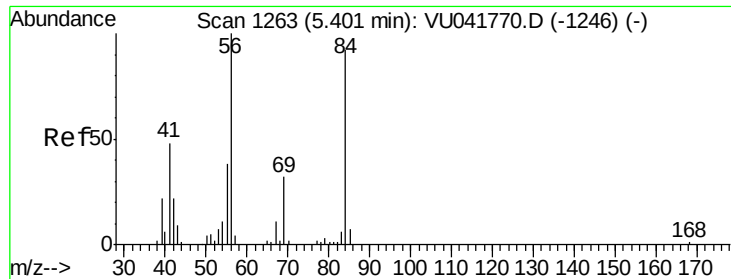
Tot Ion: 83 Resp: 1423
Ion Ratio Lower Upper
83 100
85 58.5 44.2 82.0



#27
1,2-Dichloroethane
Concen: 0.080 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041775.D
Acq: 23 Dec 2020 12:22

Tgt Ion: 62 Resp: 885
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#

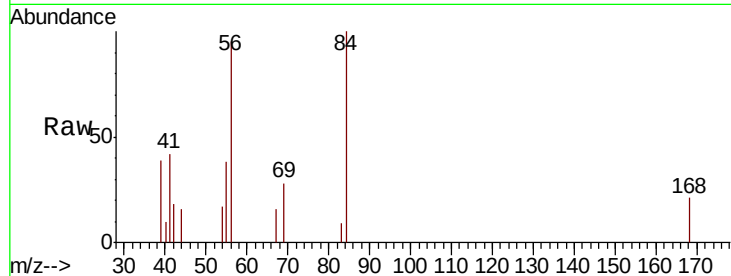




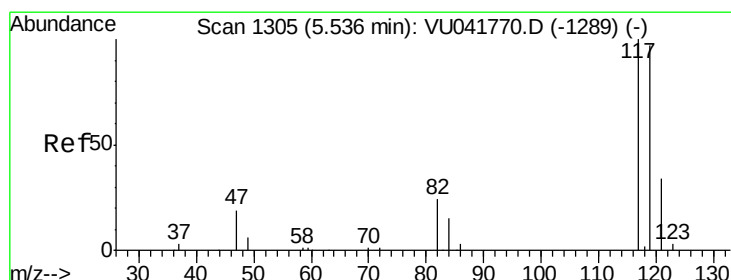
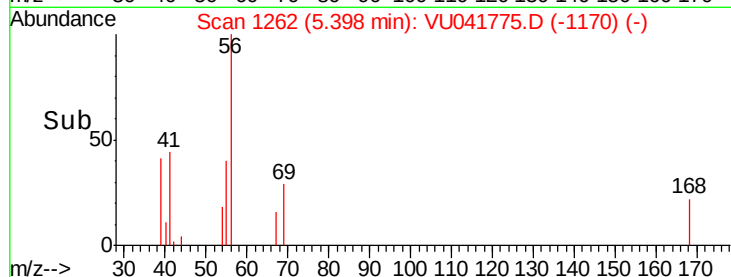
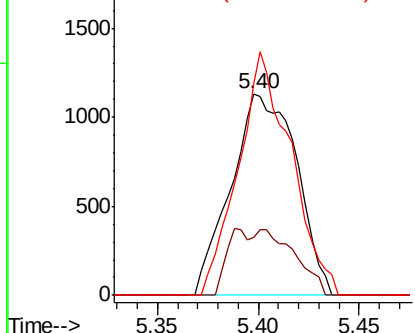
#30
Cyclohexane
Concen: 0.164 ug/L
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU041775.D
Acq: 23 Dec 2020 12:22

Instrument :
MSVOA_U
ClientSampleId :
GB241

Tot Ion: 56 Resp: 2561
Ion Ratio Lower Upper
56 100
69 18.7 23.8 35.8#
84 97.5 66.2 99.4

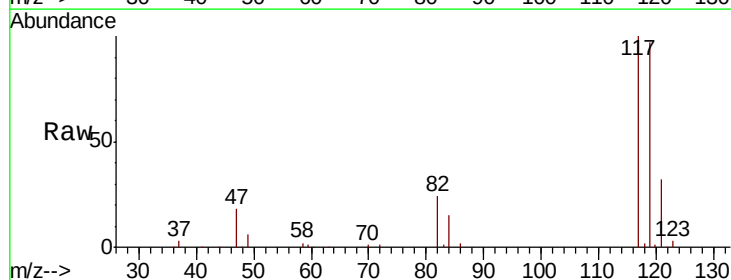


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

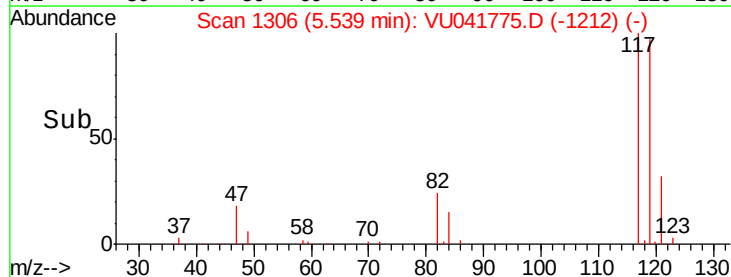
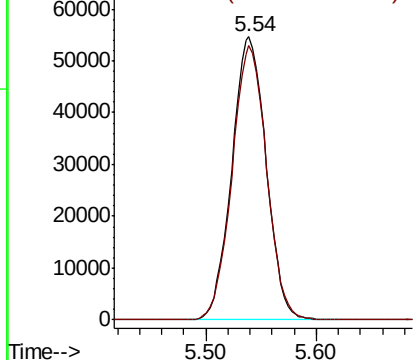


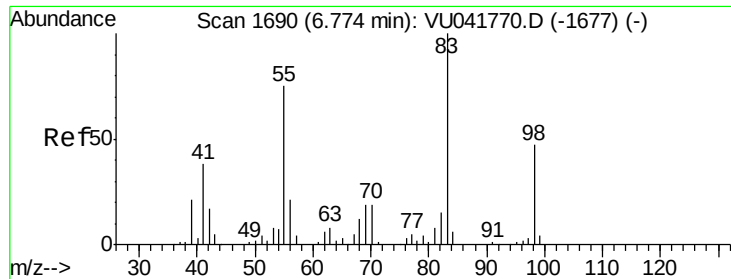
#31
Carbon tetrachloride
Concen: 9.755 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041775.D
Acq: 23 Dec 2020 12:22

Tgt Ion: 117 Resp: 117688
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

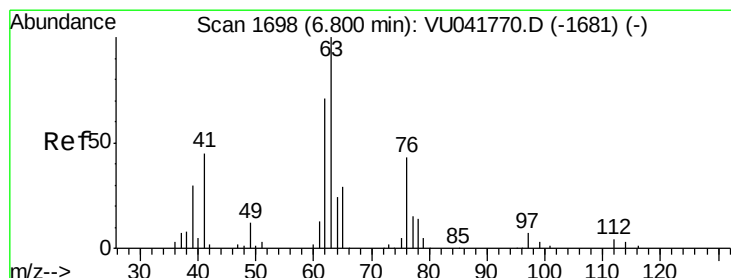
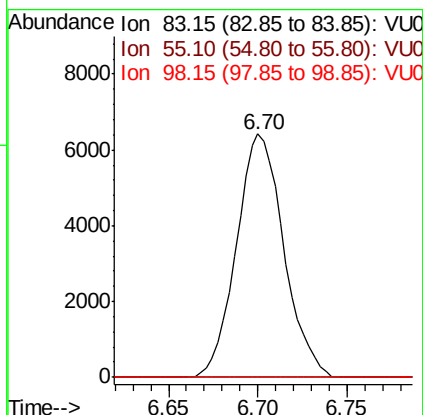
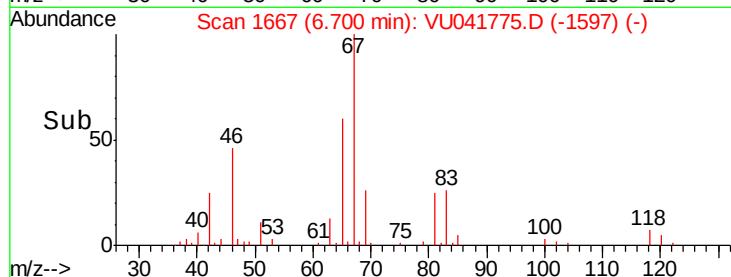
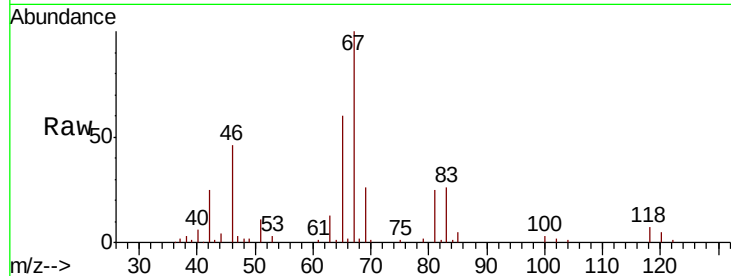




#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041775.D
Acq: 23 Dec 2020 12:22

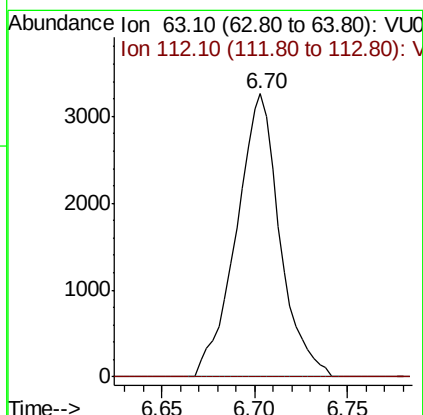
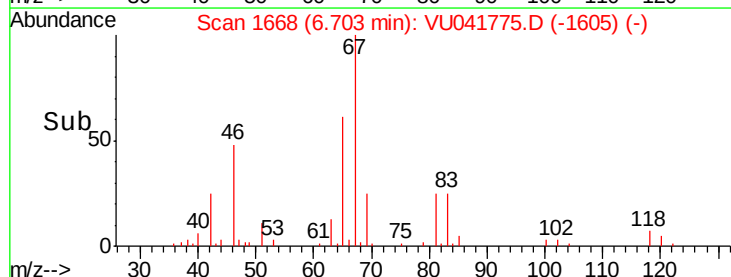
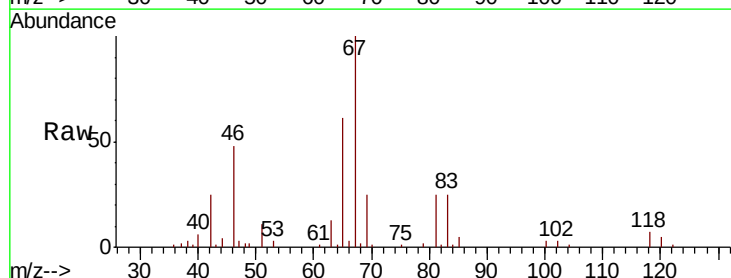
Instrument :
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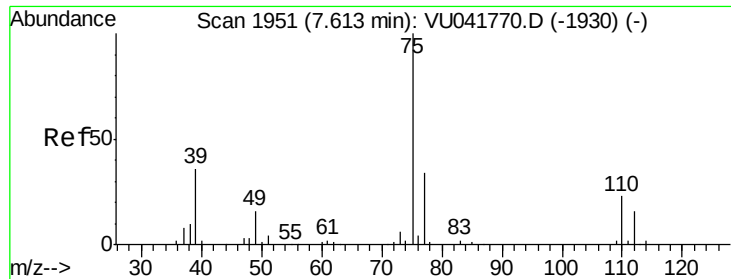
Tot Ion: 83 Resp: 11849
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 2.1 36.6 54.8#



#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041775.D
Acq: 23 Dec 2020 12:22

Tgt Ion: 63 Resp: 5304
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

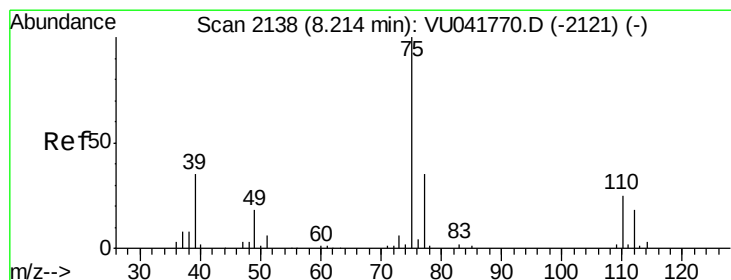
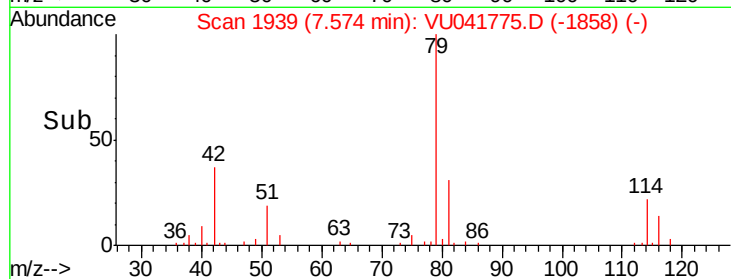
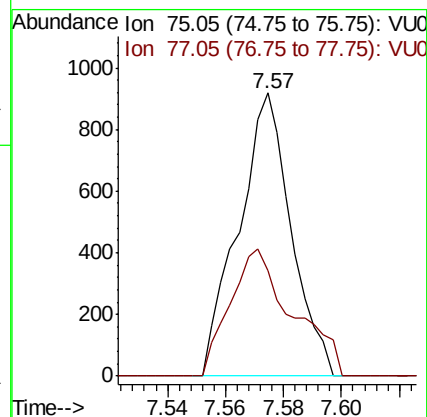
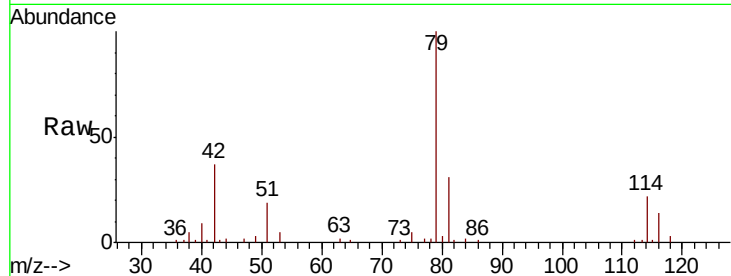




#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041775.D
 Acq: 23 Dec 2020 12:22

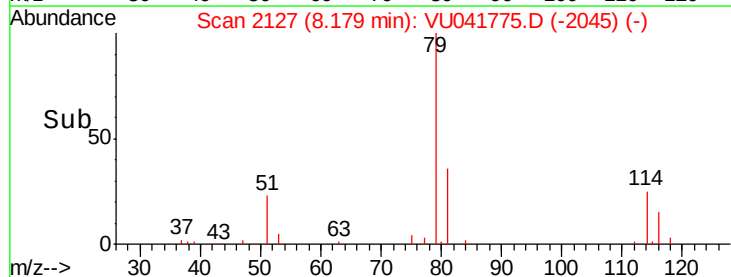
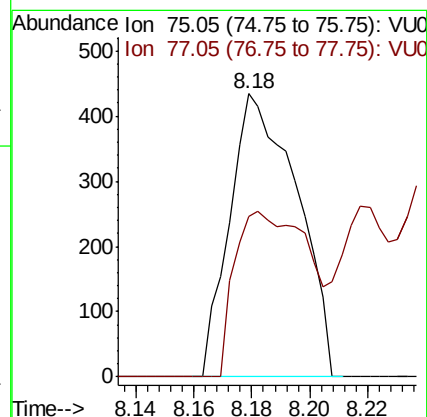
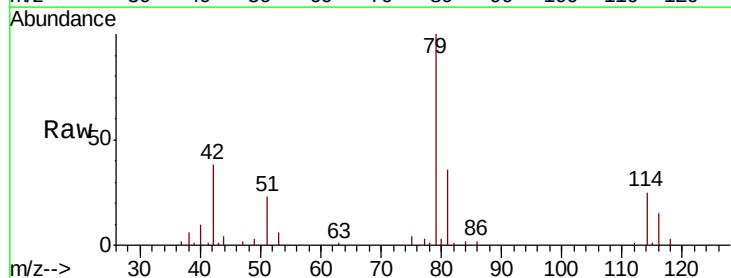
Instrument :
 MSVOA_U
 ClientSampleId :
 GB241

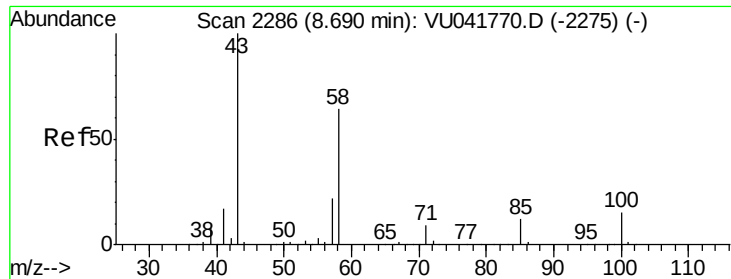
Tot Ion: 75 Resp: 1158
 Ion Ratio Lower Upper
 75 100
 77 37.1 22.3 41.3



#44
 trans-1,3-Dichloropropene
 Concen: 0.053 ug/L
 RT: 8.18 min Scan# 2127
 Delta R.T. -0.04 min
 Lab File: VU041775.D
 Acq: 23 Dec 2020 12:22

Tgt Ion: 75 Resp: 701
 Ion Ratio Lower Upper
 75 100
 77 56.9 23.8 44.2#

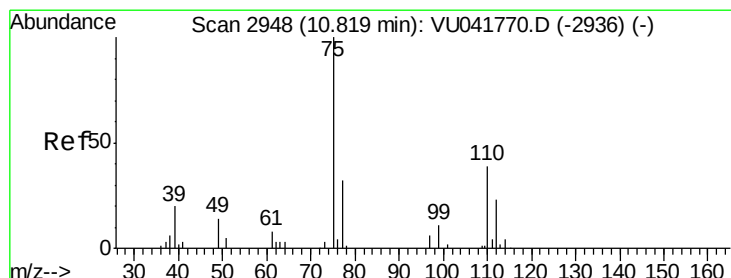
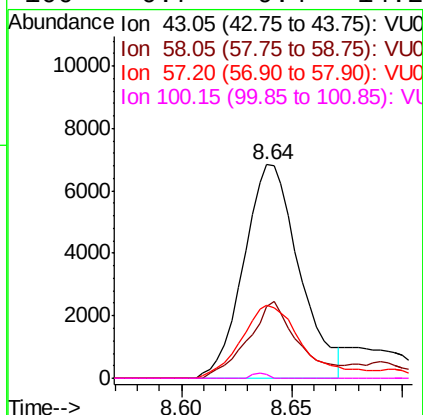
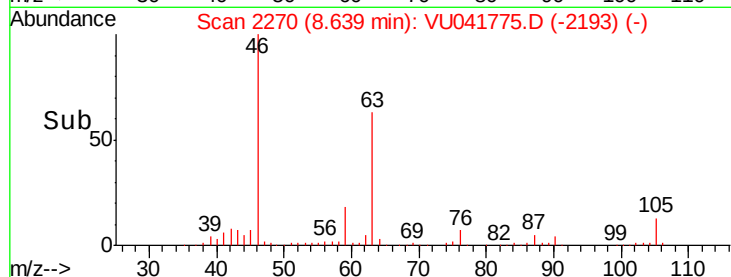
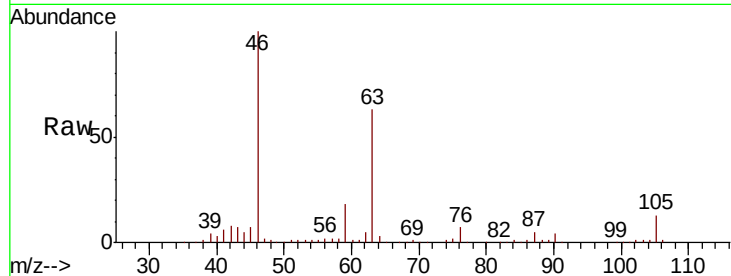




#48
2-Hexanone
Concen: 2.316 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041775.D
Acq: 23 Dec 2020 12:22

Instrument :
MSVOA_U
ClientSampleId :
GB241

Tot Ion: 43 Resp: 11919
Ion Ratio Lower Upper
43 100
58 32.5 47.9 71.9#
57 38.3 16.5 24.7#
100 0.7 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.722 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041775.D
Acq: 23 Dec 2020 12:22

Tgt Ion: 75 Resp: 5387
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.2

