

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100520\
 Data File : VU040517.D
 Acq On : 05 Oct 2020 18:13
 Operator : SY/MD
 Sample : L4240-08DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3S5DL

Quant Time: Oct 06 07:55:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 07:45:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121636	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	114901	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61466	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29687	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.92	69	25864	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.58	63	46080	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.65	46	133295	44.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.12%
24) Chloroform-d	5.08	84	65480	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	41458	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.75	84	125302	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.70	67	41674	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	100823	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.19	79	16105	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.64	63	89855	44.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36994	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	47710	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	1189	0.101	ug/L #	1
8) Chloroethane	1.94	64	3336	0.479	ug/L #	62
12) 1,1-Dichloroethene	2.59	96	554	0.060	ug/L #	1
13) Acetone	2.66	43	1731	0.694	ug/L	60
14) Carbon disulfide	2.81	76	2162	0.074	ug/L	96
15) Methyl Acetate	3.10	43	10320829	1719.261	ug/L #	56
16) Methylene chloride	3.05	84	9251	0.795	ug/L #	1
17) Methyl tert-butyl Ether	3.39	73	2770	0.109	ug/L #	1
19) 1,1-Dichloroethane	3.89	63	6994	0.356	ug/L	97
21) 2-Butanone	4.56	43	778672	194.624	ug/L #	51
22) cis-1,2-Dichloroethene	4.69	96	926	0.087	ug/L #	86
29) 1,1,1-Trichloroethane	5.34	97	9685	0.617	ug/L	98
30) Cyclohexane	5.41	56	317473	19.552	ug/L	99
31) Carbon tetrachloride	5.33	117	1169	0.087	ug/L	96
35) Methylcyclohexane	6.77	83	7150	0.477	ug/L	93
37) 1,2-Dichloropropane	6.71	63	4828	0.450	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1041	0.072	ug/L #	72

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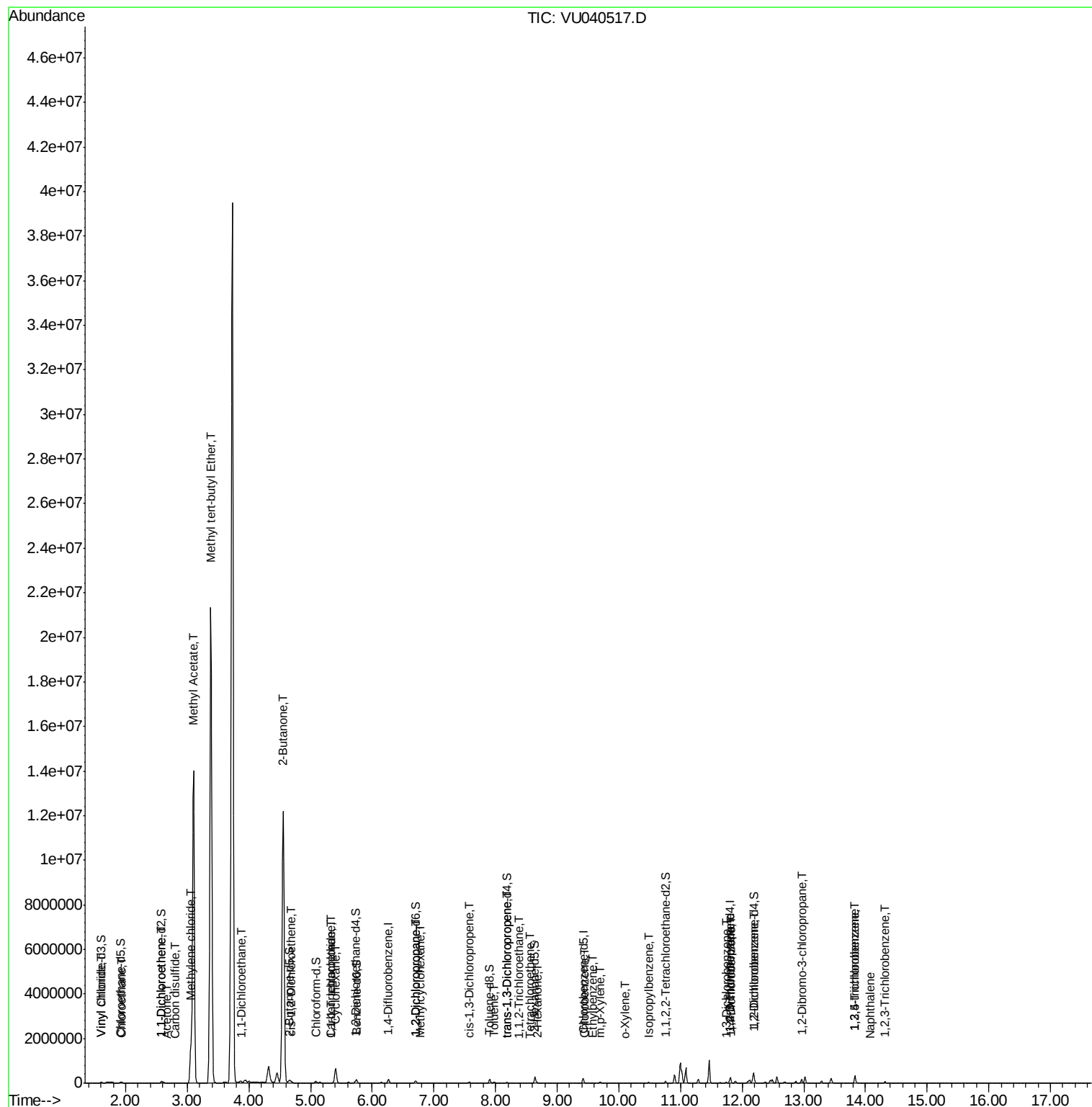
42) Toluene	7.98	91	39259	0.994	uq/L	96
44) trans-1,3-Dichloropropene	8.19	75	849	0.064	uq/L #	74
45) 1,1,2-Trichloroethane	8.38	97	882	0.117	uq/L #	13
47) Tetrachloroethene	8.56	164	546	0.075	uq/L #	70
48) 2-Hexanone	8.69	43	3697	0.597	uq/L #	95
51) Chlorobenzene	9.45	112	2283	0.089	uq/L	94
52) Ethylbenzene	9.57	91	9441	0.220	uq/L	98
53) m,p-Xylene	9.69	106	8613	0.539	uq/L	95
54) o-Xylene	10.11	106	2574	0.171	uq/L	67
56) Isopropylbenzene	10.48	105	21882	0.540	uq/L	99
59) 1,2,3-Trichloropropane	11.81	75	11194	1.440	uq/L	94
62) 1,3-Dichlorobenzene	11.74	146	1144	0.056	uq/L #	81
63) 1,4-Dichlorobenzene	11.83	146	4504	0.213	uq/L	95
65) 1,2-Dichlorobenzene	12.20	146	1349	0.068	uq/L #	89
66) 1,2-Dibromo-3-chloropropan	12.96	75	622	0.349	uq/L #	10
67) 1,3,5-Trichlorobenzene	13.83	180	85623	5.894	uq/L	98
68) 1,2,4-trichlorobenzene	13.83	180	85623	7.335	uq/L	98
69) Naphthalene	14.08	128	5063	0.254	uq/L	97
70) 1,2,3-Trichlorobenzene	14.32	180	17749	1.662	uq/L	98

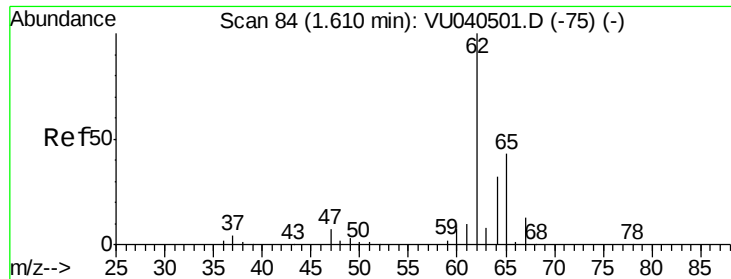
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.101 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

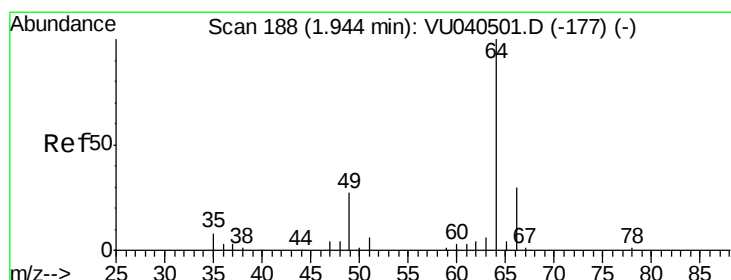
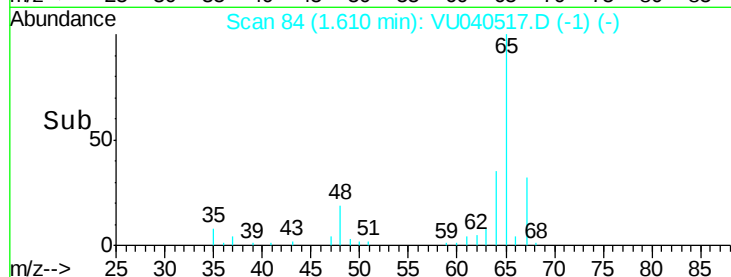
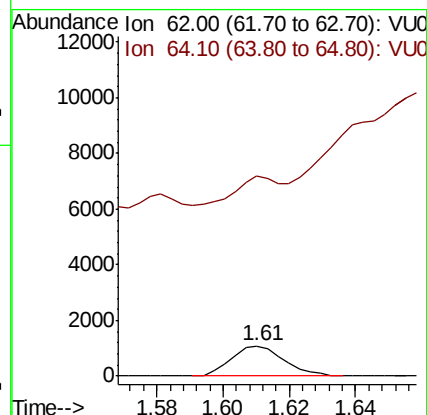
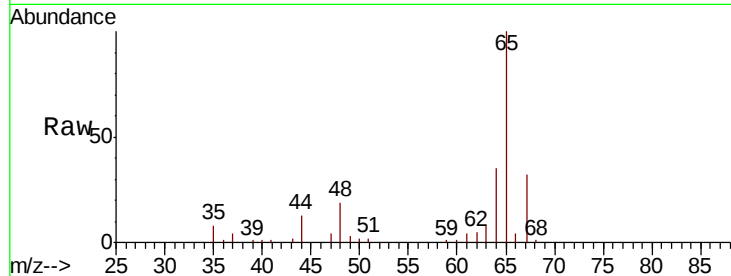
BG3S5DL

Tot Ion: 62 Resp: 1189

Ion Ratio Lower Upper

62 100

64 658.1 23.0 42.8#



#8

Chloroethane

Concen: 0.479 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040517.D

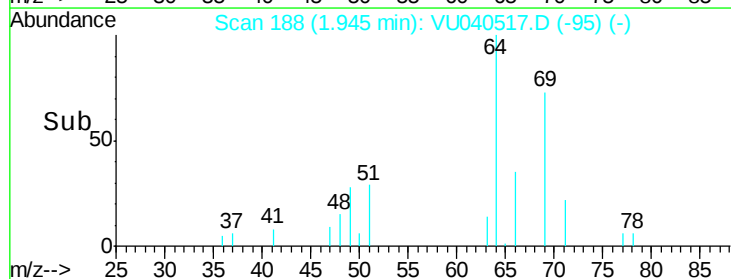
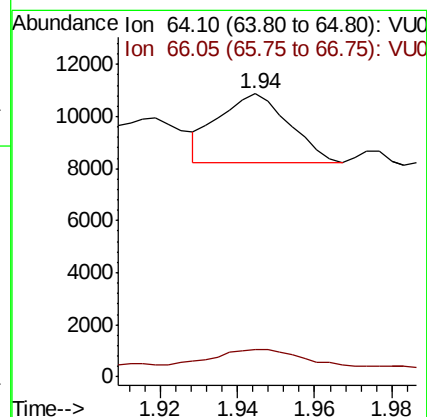
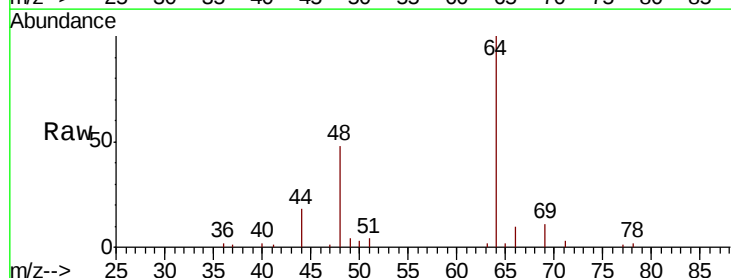
Acq: 05 Oct 2020 18:13

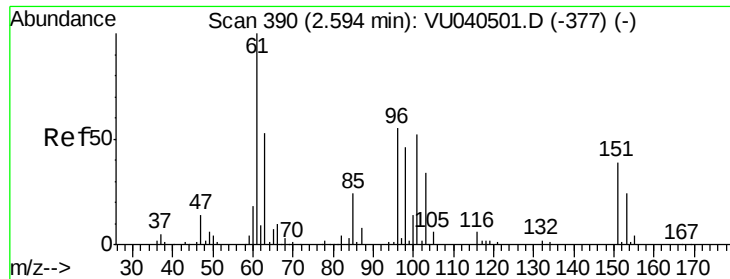
Tgt Ion: 64 Resp: 3336

Ion Ratio Lower Upper

64 100

66 9.8 21.3 39.6#





#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

BG3S5DL

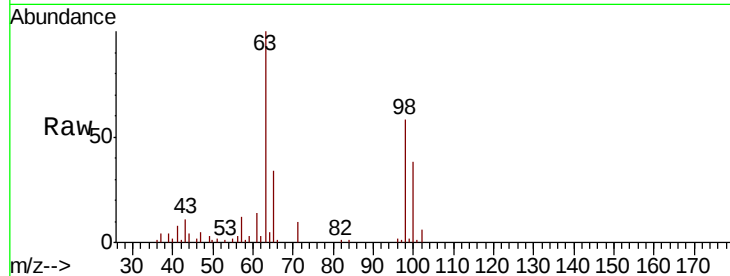
Tot Ion: 96 Resp: 554

Ion Ratio Lower Upper

96 100

61 586.7 128.6 238.8#

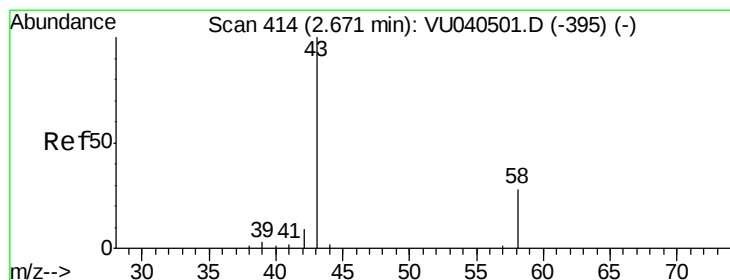
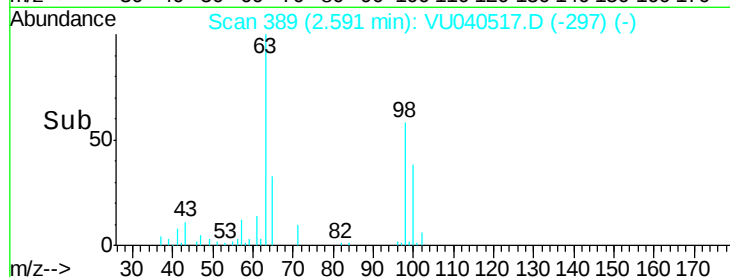
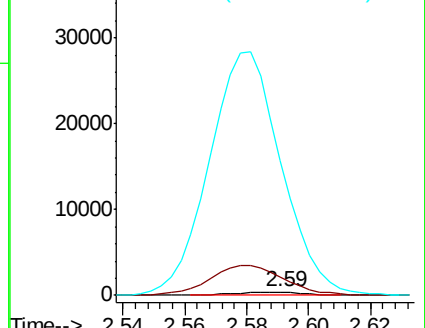
63 4207.5 67.8 126.0#



Abundance Ion 96.00 (95.70 to 96.70): VU040517.D (-389) (-)

Ion 61.05 (60.75 to 61.75): VU040517.D (-389) (-)

Ion 63.00 (62.70 to 63.70): VU040517.D (-389) (-)



#13

Acetone

Concen: 0.694 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU040517.D

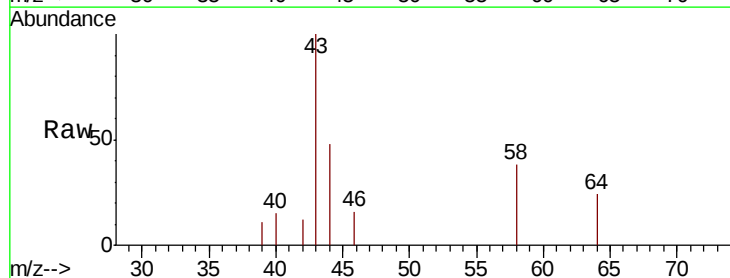
Acq: 05 Oct 2020 18:13

Tgt Ion: 43 Resp: 1731

Ion Ratio Lower Upper

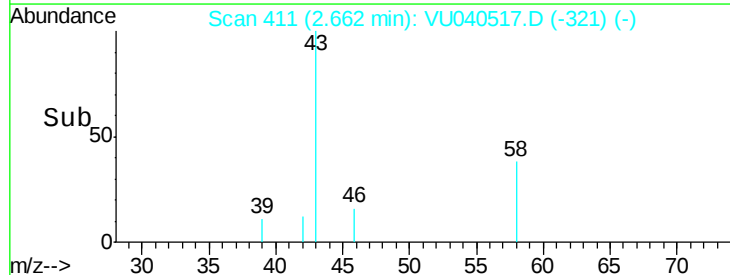
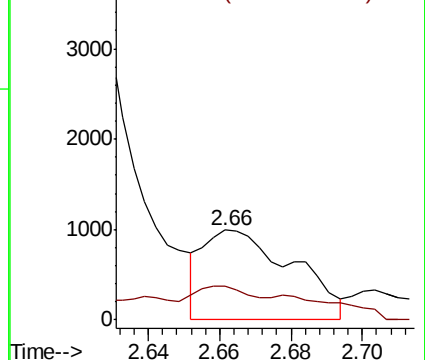
43 100

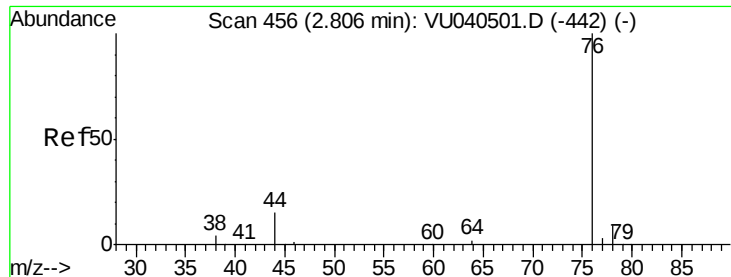
58 9.1 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040517.D (-411) (-)

Ion 58.05 (57.75 to 58.75): VU040517.D (-411) (-)





#14

Carbon disulfide

Concen: 0.074 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

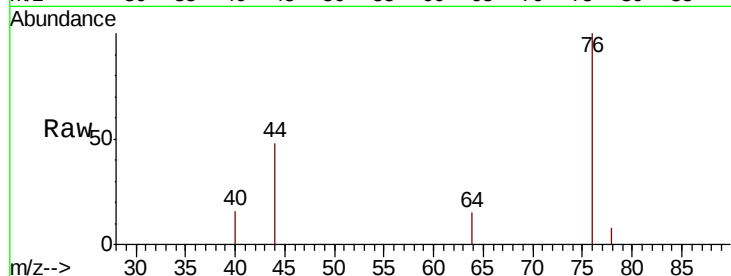
BG3S5DL

Tot Ion: 76 Resp: 2162

Ion Ratio Lower Upper

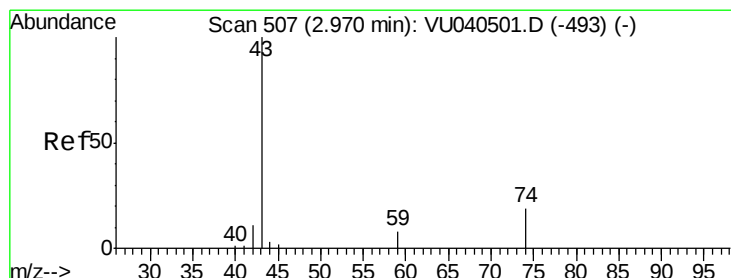
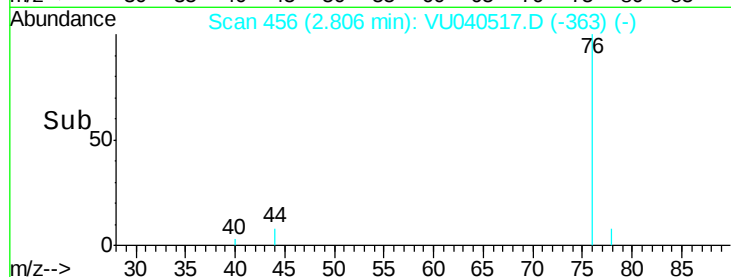
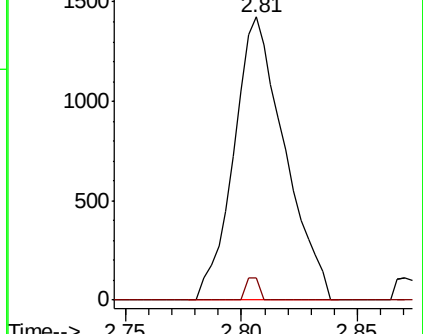
76 100

78 7.7 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#15

Methyl Acetate

Concen: 1719.261 ug/L

RT: 3.10 min Scan# 548

Delta R.T. 0.13 min

Lab File: VU040517.D

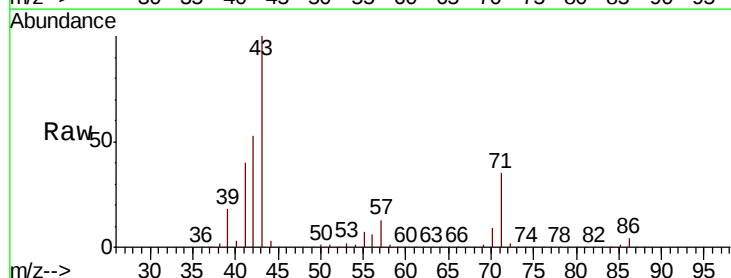
Acq: 05 Oct 2020 18:13

Tgt Ion: 43 Resp:10320829

Ion Ratio Lower Upper

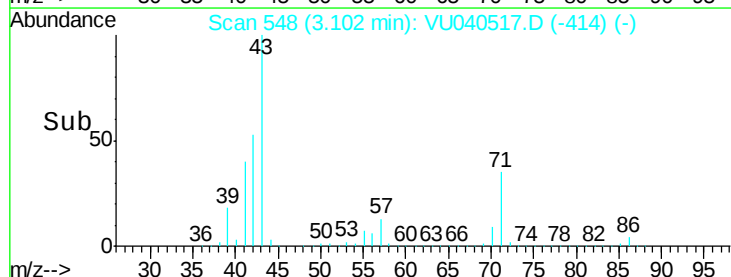
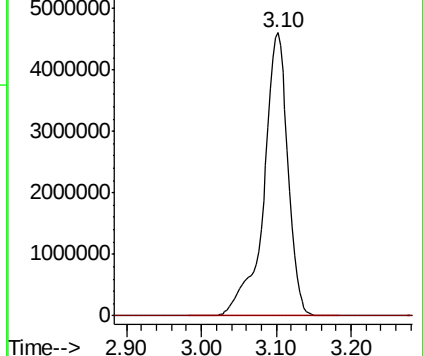
43 100

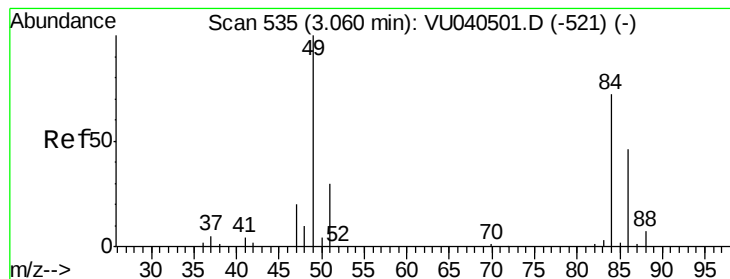
74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0





#16

Methylene chloride

Concen: 0.795 ug/L

RT: 3.05 min Scan# 531

Delta R.T. -0.01 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

BG3S5DL

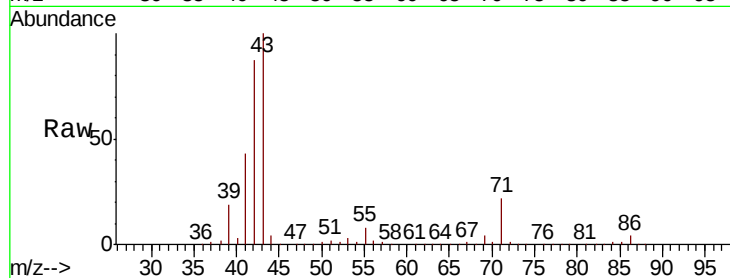
Tot Ion: 84 Resp: 9251

Ion Ratio Lower Upper

84 100

86 414.6 44.4 82.5#

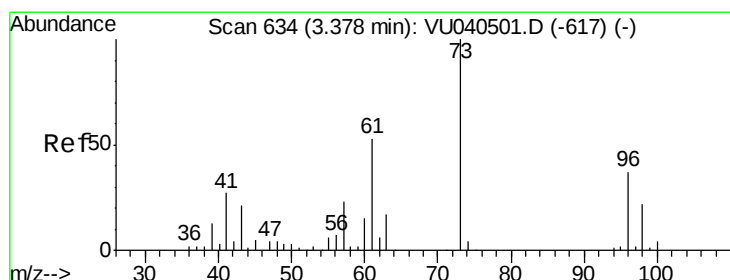
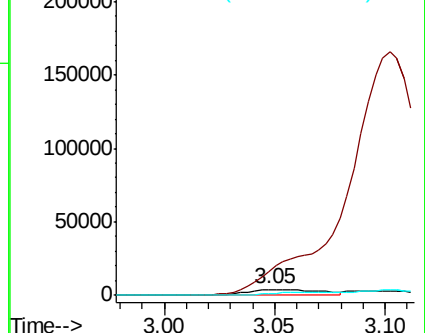
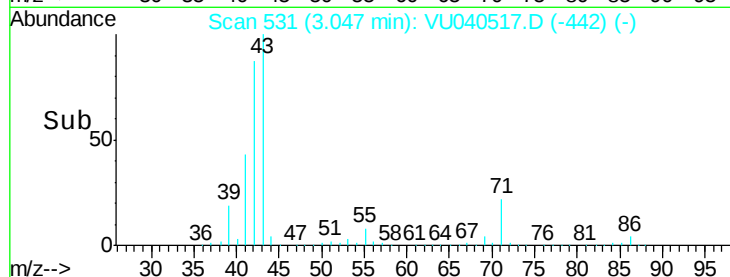
49 26.9 92.2 171.2#



Abundance Ion 84.05 (83.75 to 84.75): VU040517.D (-521) (-)

Ion 86.00 (85.70 to 86.70): VU040517.D (-521) (-)

Ion 49.10 (48.80 to 49.80): VU040517.D (-521) (-)



#17

Methyl tert-butyl Ether

Concen: 0.109 ug/L

RT: 3.39 min Scan# 636

Delta R.T. 0.01 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

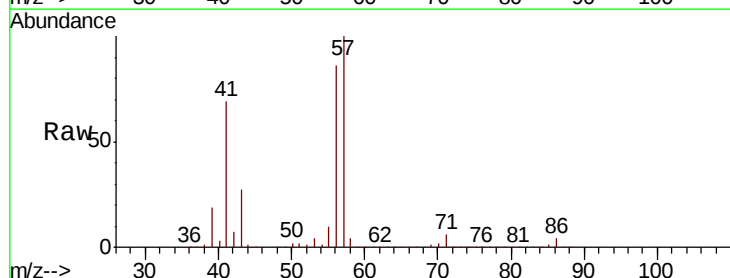
Tgt Ion: 73 Resp: 2770

Ion Ratio Lower Upper

73 100

43 127402.8 19.0 28.4#

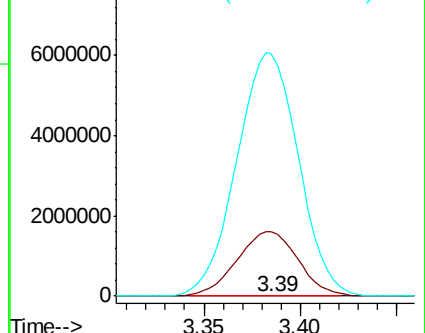
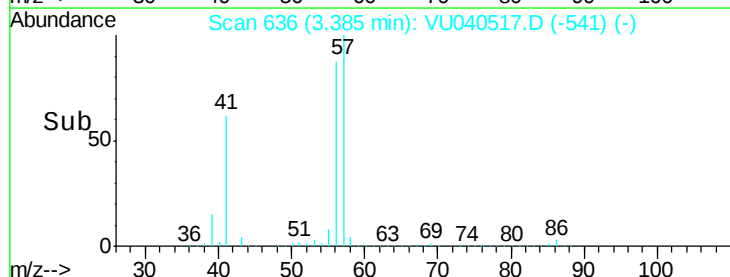
57 488978.0 18.9 28.3#

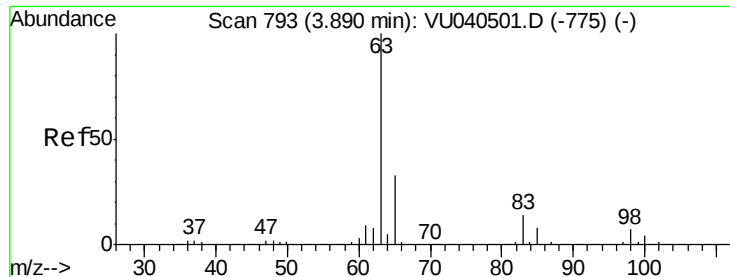


Abundance Ion 73.10 (72.80 to 73.80): VU040517.D (-541) (-)

Ion 43.05 (42.75 to 43.75): VU040517.D (-541) (-)

Ion 57.10 (56.80 to 57.80): VU040517.D (-541) (-)

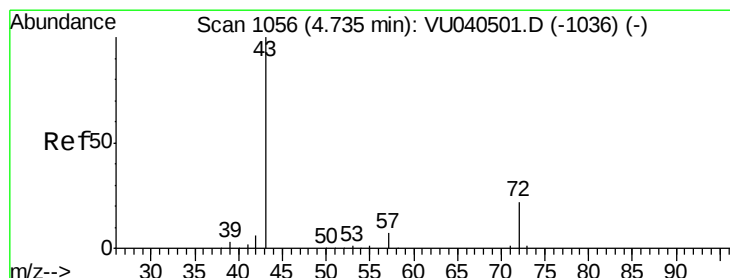
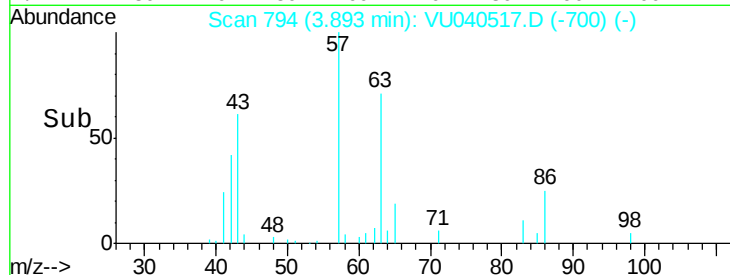
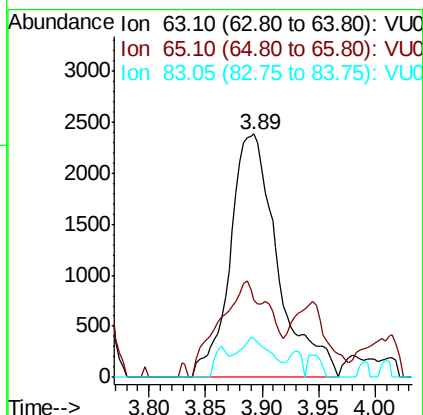
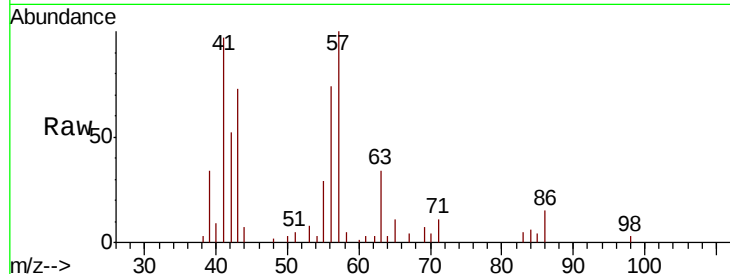




#19
 1,1-Dichloroethane
 Concen: 0.356 ug/L
 RT: 3.89 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: VU040517.D
 Acq: 05 Oct 2020 18:13

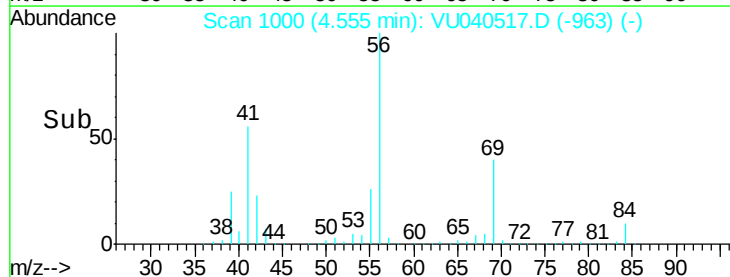
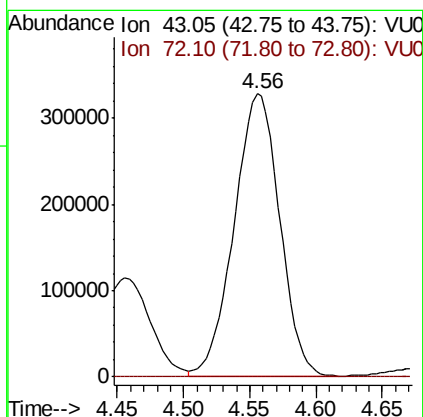
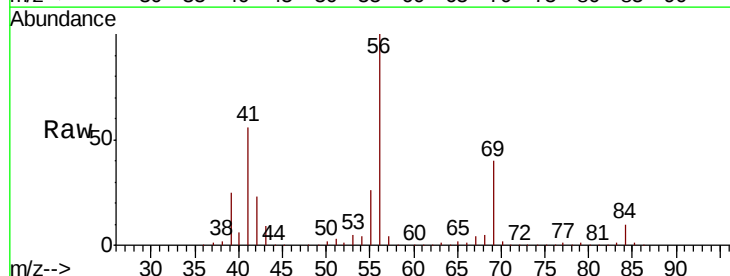
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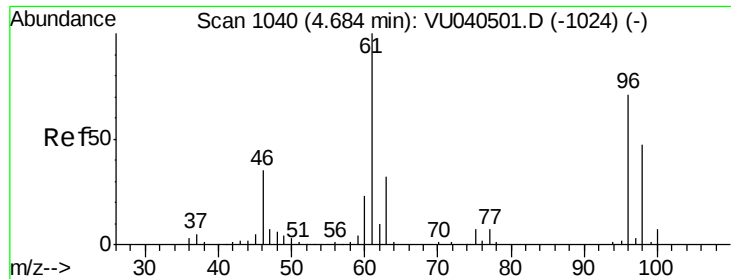
Tot Ion: 63 Resp: 6994
 Ion Ratio Lower Upper
 63 100
 65 31.5 21.7 40.3
 83 16.0 9.1 16.9



#21
 2-Butanone
 Concen: 194.624 ug/L
 RT: 4.56 min Scan# 1000
 Delta R.T. -0.18 min
 Lab File: VU040517.D
 Acq: 05 Oct 2020 18:13

Tgt Ion: 43 Resp: 778672
 Ion Ratio Lower Upper
 43 100
 72 0.0 12.0 36.1#





#22

cis-1,2-Dichloroethene

Concen: 0.087 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU040517.D

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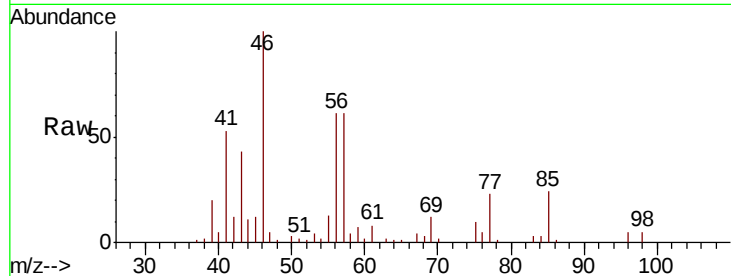
Tot Ion: 96 Resp: 926

Ion Ratio Lower Upper

96 100

61 159.1 99.3 184.5

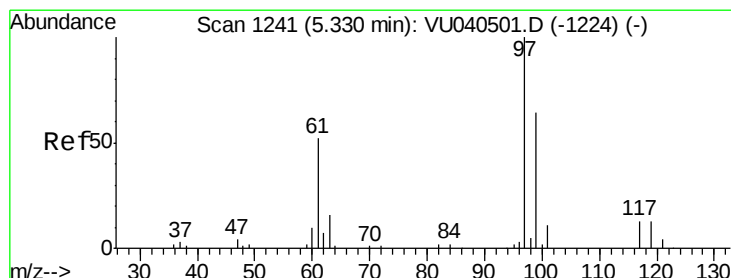
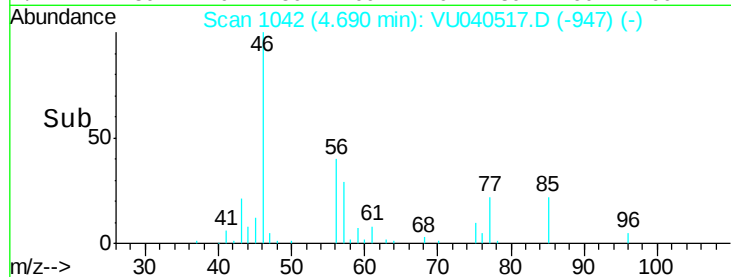
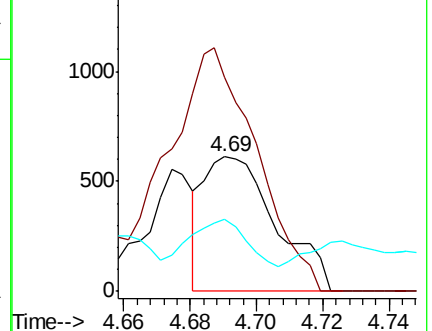
68 53.4 0.0 0.0#



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



#29

1,1,1-Trichloroethane

Concen: 0.617 ug/L

RT: 5.34 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

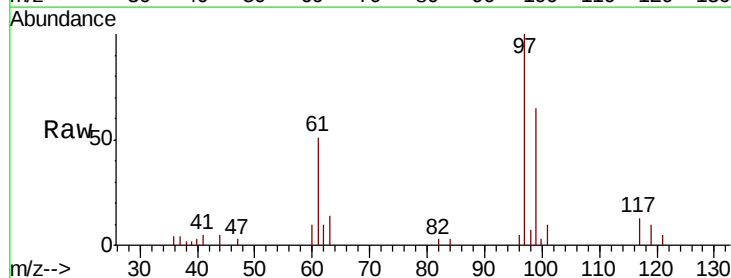
Tgt Ion: 97 Resp: 9685

Ion Ratio Lower Upper

97 100

99 61.7 50.7 76.1

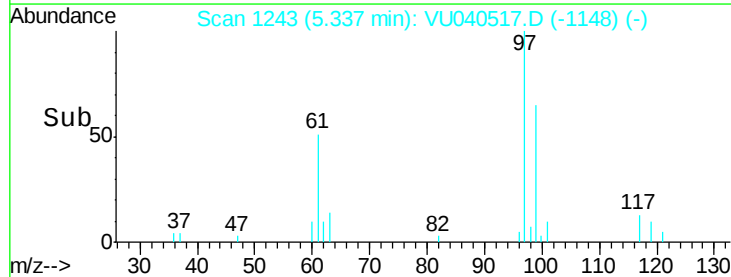
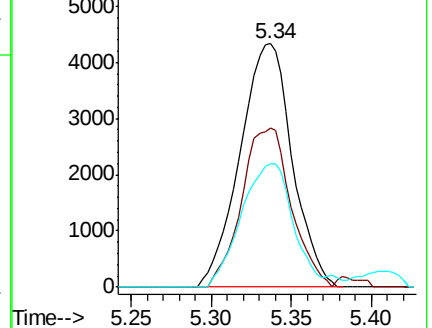
61 51.3 39.7 59.5

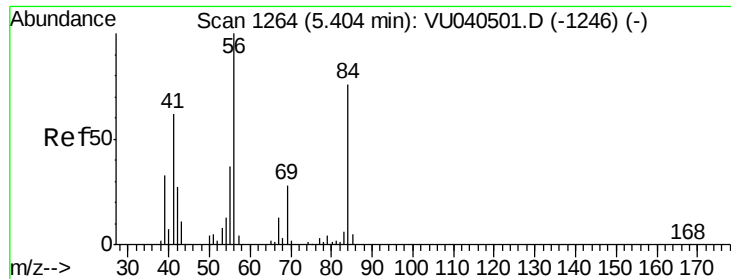


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0

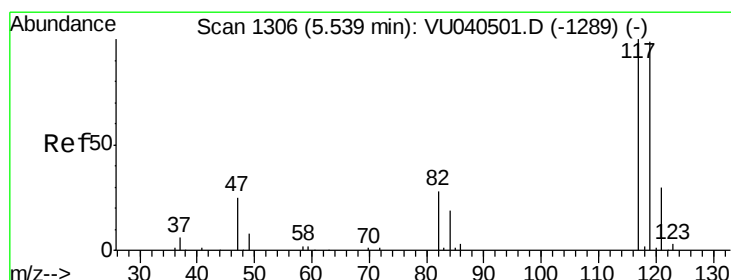
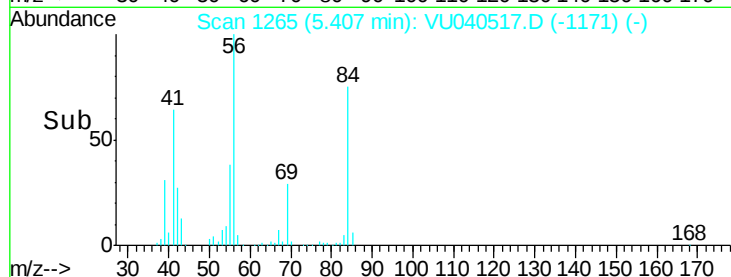
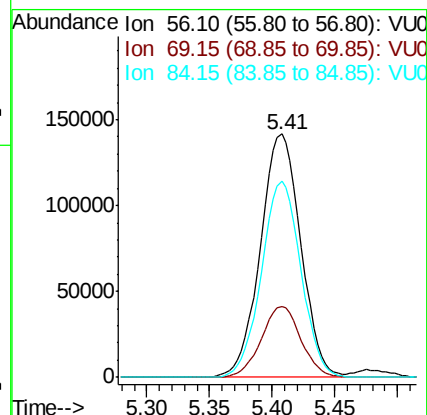
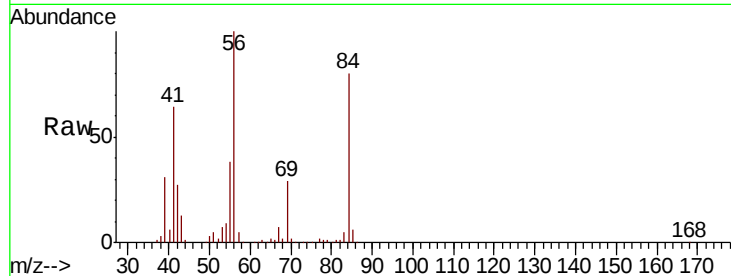




#30
Cyclohexane
Concen: 19.552 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU040517.D
Acq: 05 Oct 2020 18:13

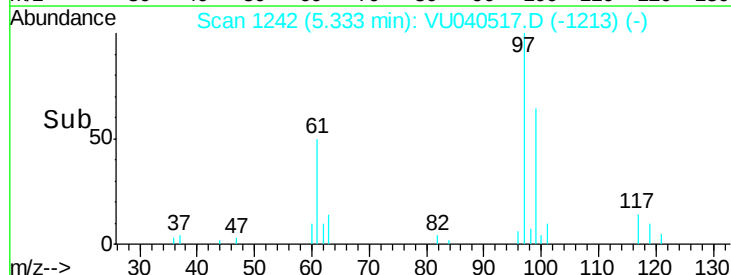
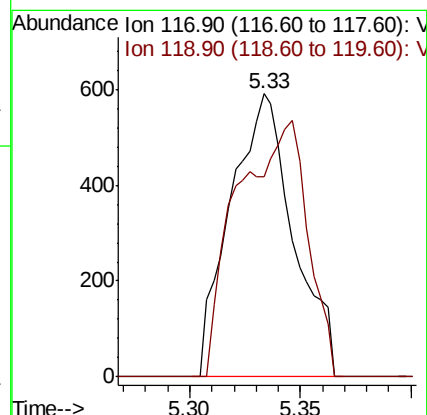
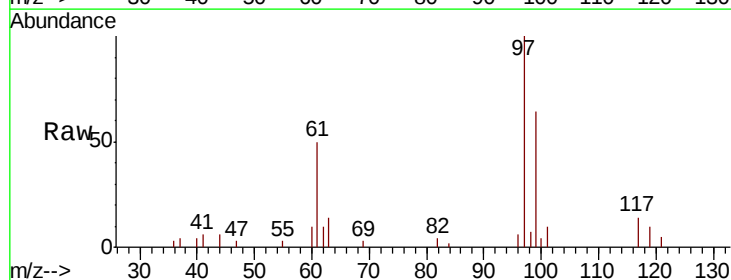
Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL

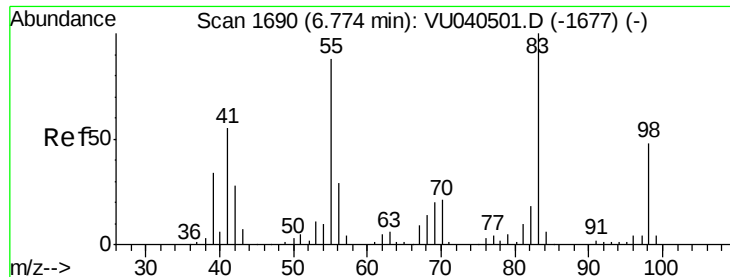
Tot Ion: 56 Resp: 317473
Ion Ratio Lower Upper
56 100
69 28.7 23.3 34.9
84 78.7 64.2 96.4



#31
Carbon tetrachloride
Concen: 0.087 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. -0.21 min
Lab File: VU040517.D
Acq: 05 Oct 2020 18:13

Tgt Ion: 117 Resp: 1169
Ion Ratio Lower Upper
117 100
119 100.4 77.5 116.3

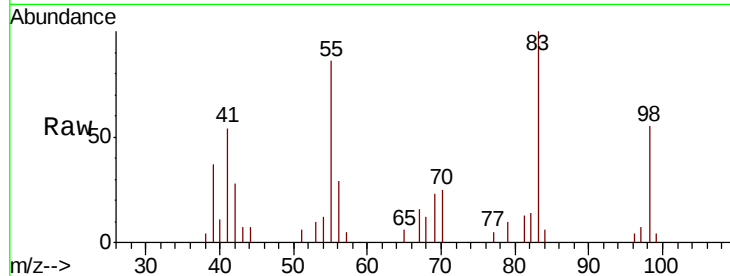




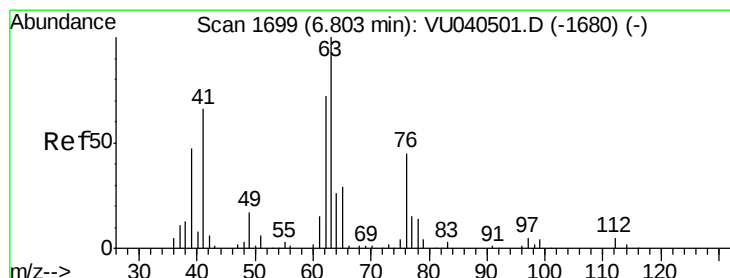
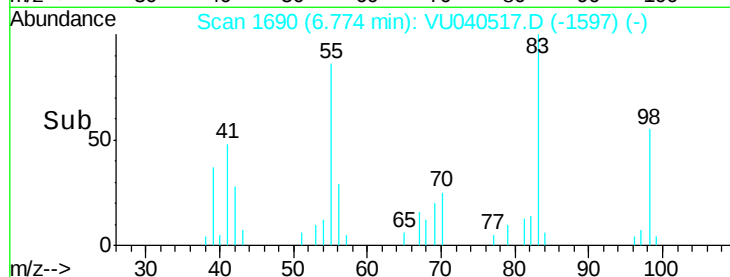
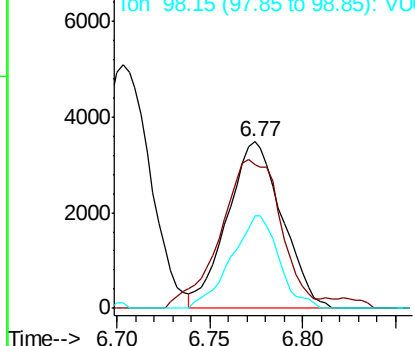
#35
Methvlcvclohexane
Concen: 0.477 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU040517.D
Acq: 05 Oct 2020 18:13

Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL

Tot Ion: 83 Resp: 7150
Ion Ratio Lower Upper
83 100
55 98.7 71.4 107.2
98 47.9 38.5 57.7

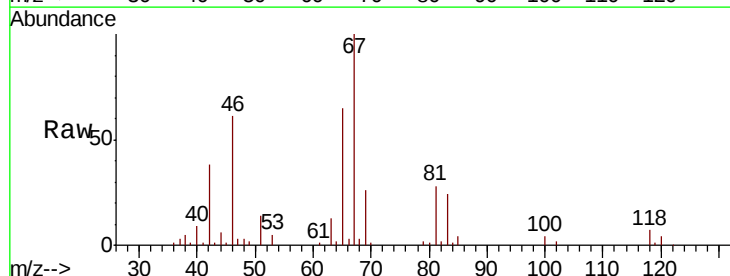


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

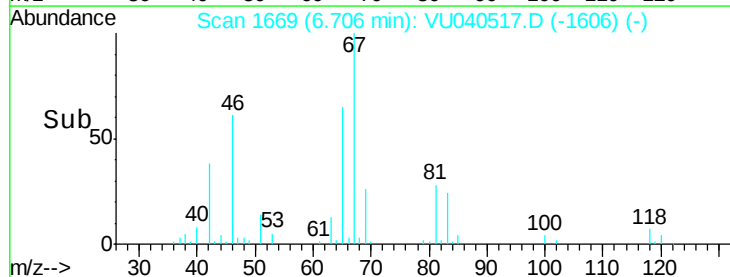
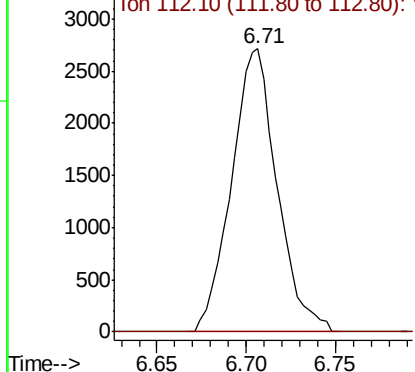


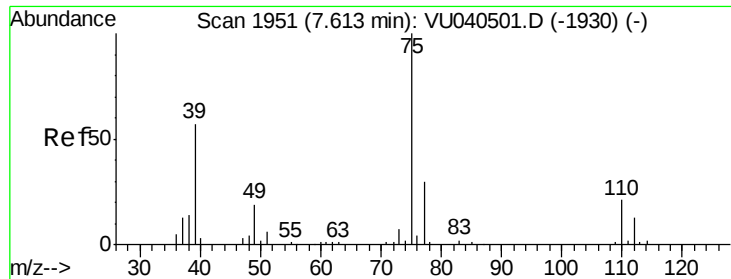
#37
1,2-Dichloropropane
Concen: 0.450 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU040517.D
Acq: 05 Oct 2020 18:13

Tgt Ion: 63 Resp: 4828
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

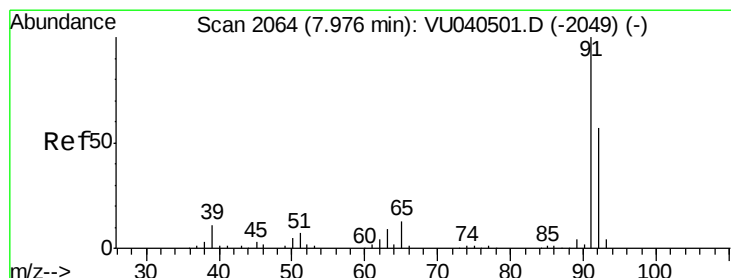
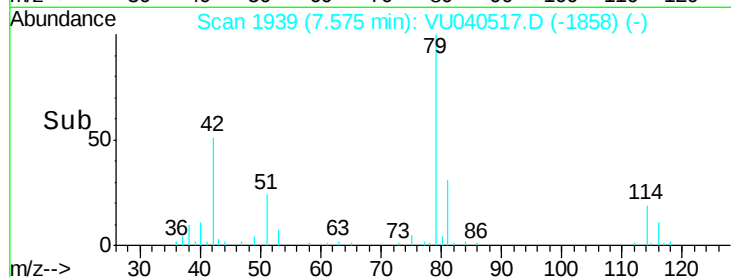
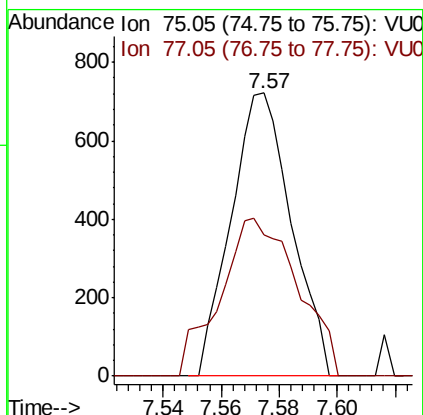
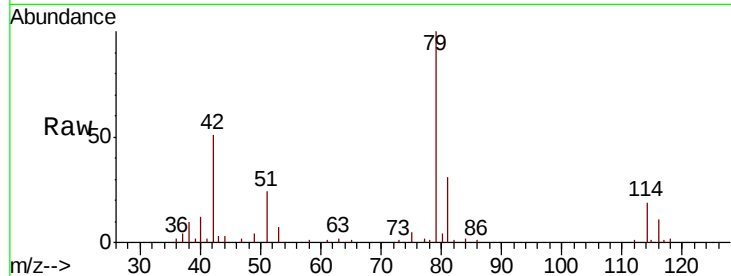




#39
 cis-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040517.D
 Acq: 05 Oct 2020 18:13

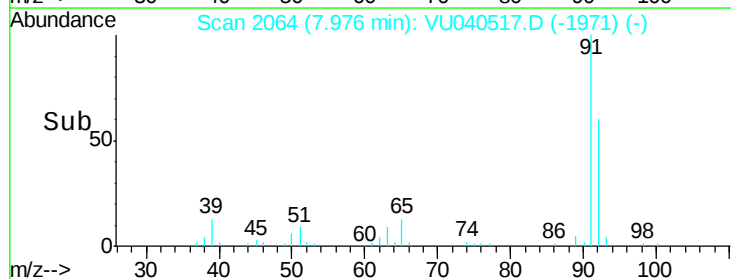
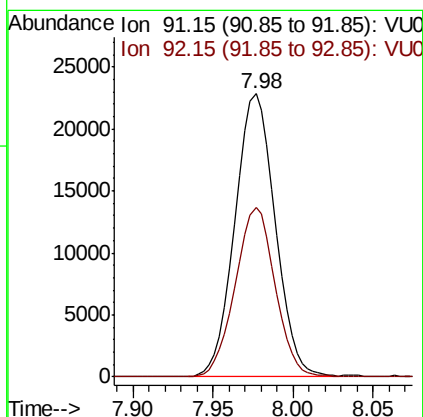
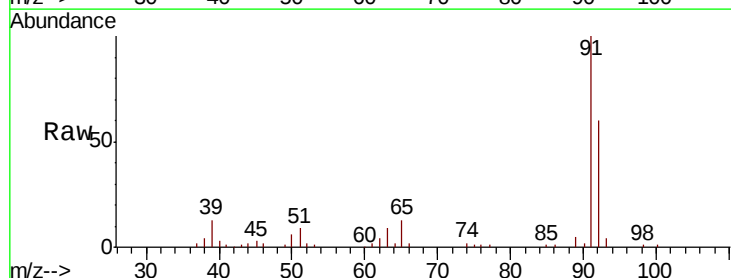
Instrument :
 MSVOA_U
 ClientSampleId :
 BG3S5DL

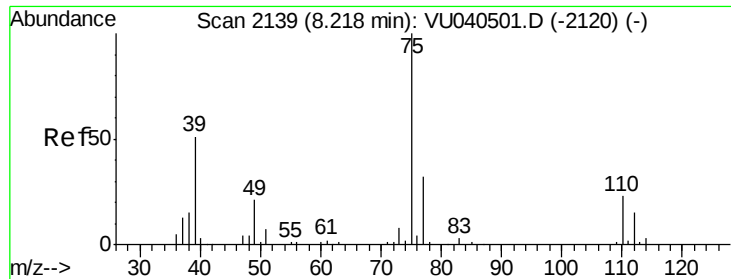
Tot Ion: 75 Resp: 1041
 Ion Ratio Lower Upper
 75 100
 77 49.7 23.5 43.7#



#42
 Toluene
 Concen: 0.994 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040517.D
 Acq: 05 Oct 2020 18:13

Tgt Ion: 91 Resp: 39259
 Ion Ratio Lower Upper
 91 100
 92 60.0 40.0 74.4





#44

trans-1,3-Dichloropropene

Concen: 0.064 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

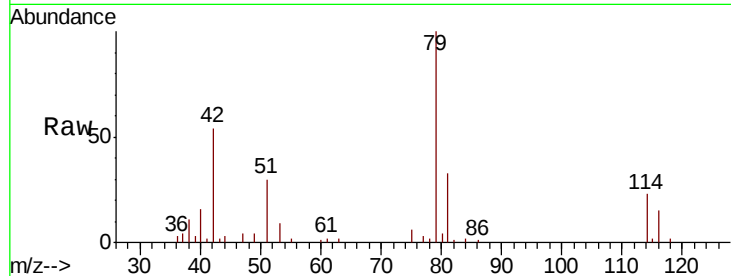
BG3S5DL

Tot Ion: 75 Resp: 849

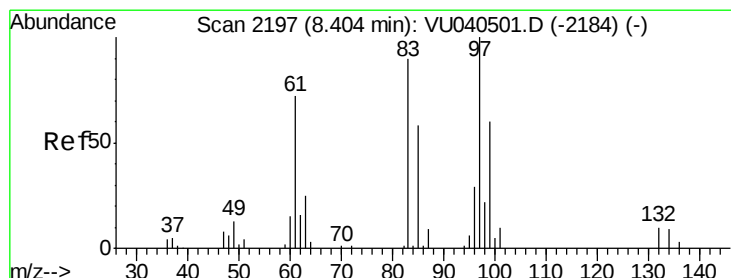
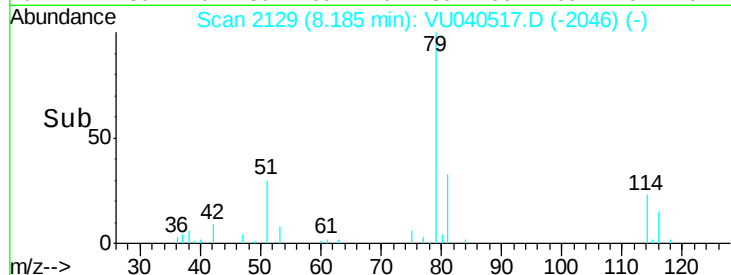
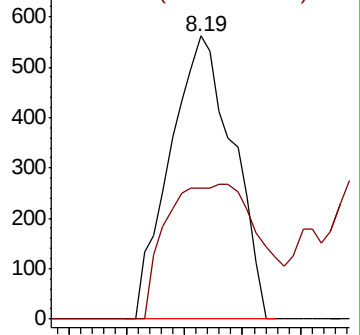
Ion Ratio Lower Upper

75 100

77 46.3 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU040517.D (-2046) (-)



#45

1,1,2-Trichloroethane

Concen: 0.117 ug/L

RT: 8.38 min Scan# 2188

Delta R.T. -0.03 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

Tgt Ion: 97 Resp: 882

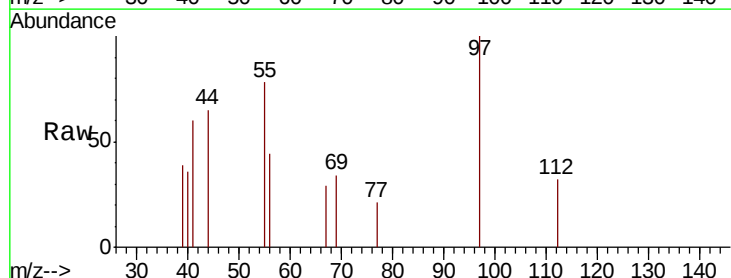
Ion Ratio Lower Upper

97 100

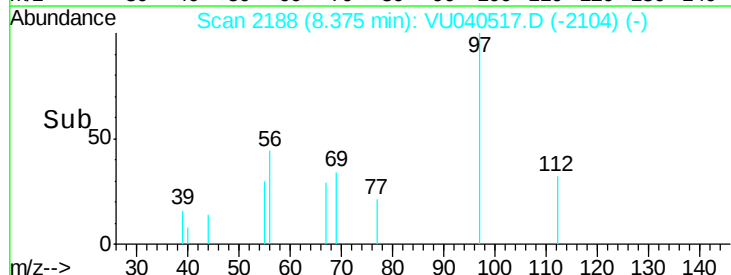
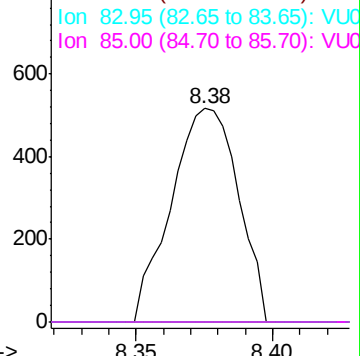
99 0.0 45.8 85.0#

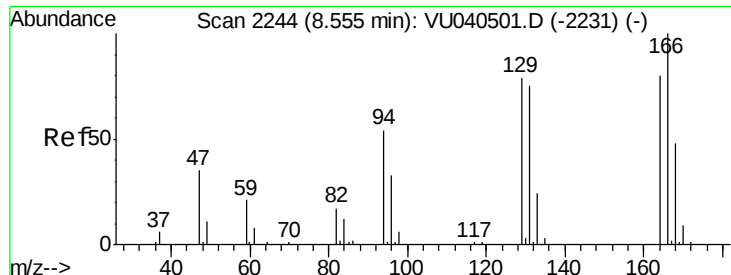
83 0.0 62.9 116.9#

85 0.0 41.7 77.5#



Abundance Ion 96.95 (96.65 to 97.65): VU040517.D (-2104) (-)

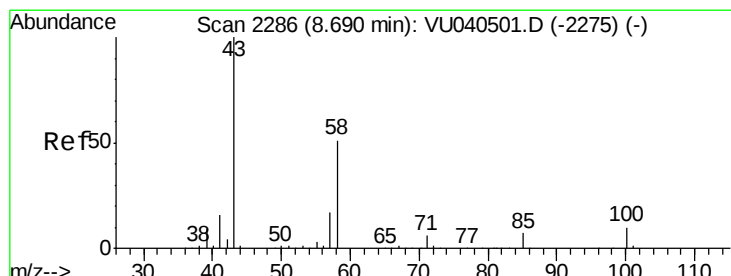
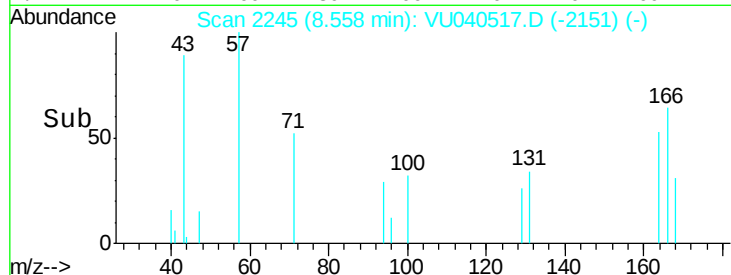
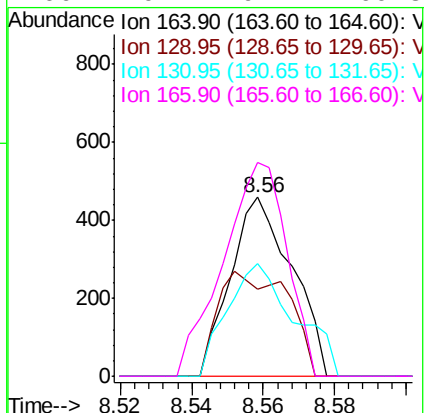
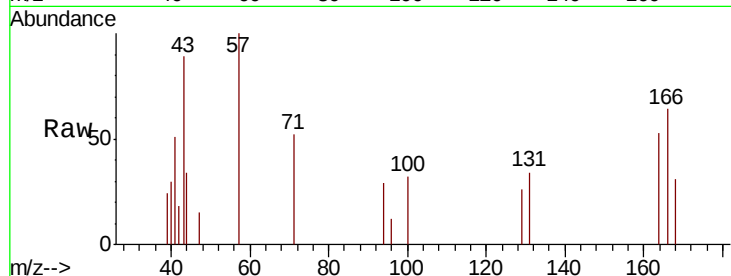




#47
Tetrachloroethene
Concen: 0.075 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040517.D
Acq: 05 Oct 2020 18:13

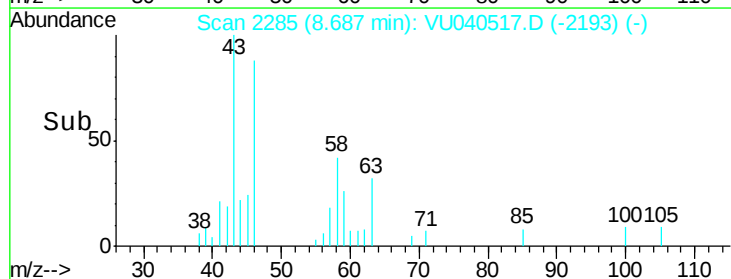
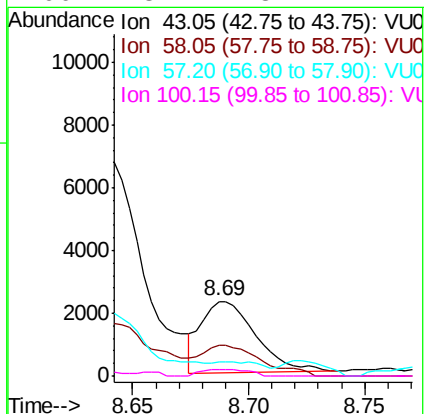
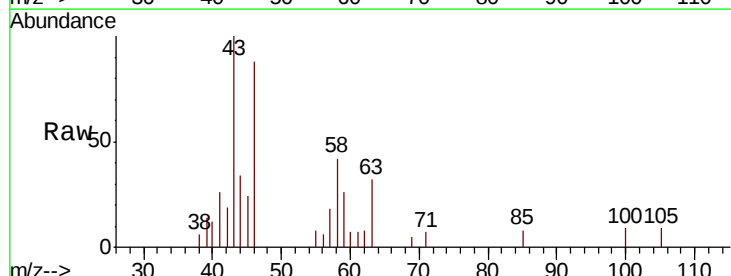
Instrument :
MSVOA_U
ClientSampleId :
BG3S5DL

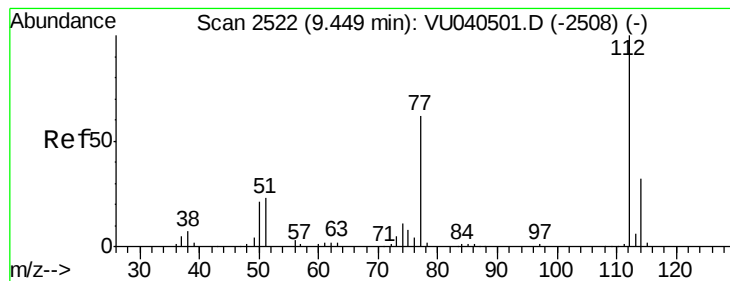
Tot Ion:164 Resp: 546
Ion Ratio Lower Upper
164 100
129 48.5 70.3 130.7#
131 62.8 69.2 128.6#
166 119.1 91.1 169.3



#48
2-Hexanone
Concen: 0.597 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VU040517.D
Acq: 05 Oct 2020 18:13

Tgt Ion: 43 Resp: 3697
Ion Ratio Lower Upper
43 100
58 47.5 41.0 61.4
57 17.0 14.6 22.0
100 8.2 8.2 12.4#





#51

Chlorobenzene

Concen: 0.089 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

BG3S5DL

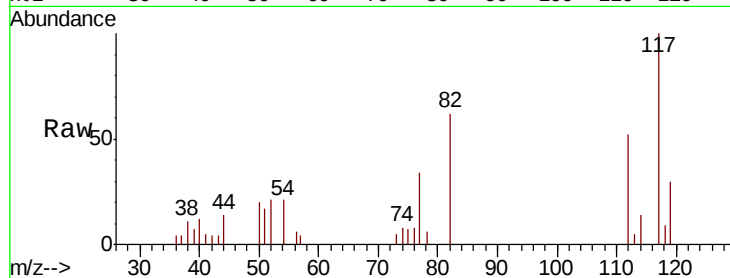
Tot Ion: 112 Resp: 2283

Ion Ratio Lower Upper

112 100

114 26.9 22.0 40.8

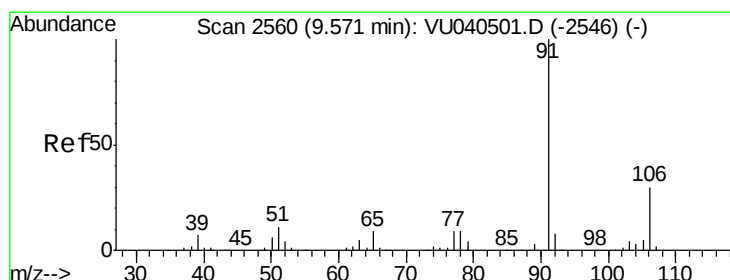
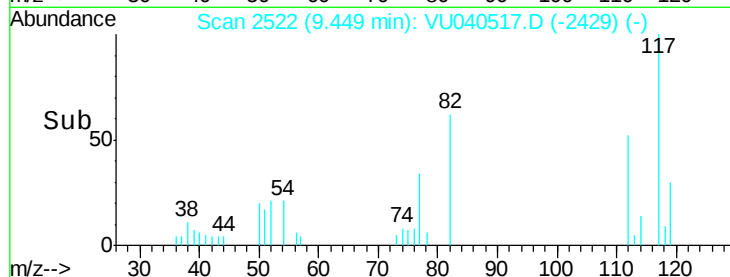
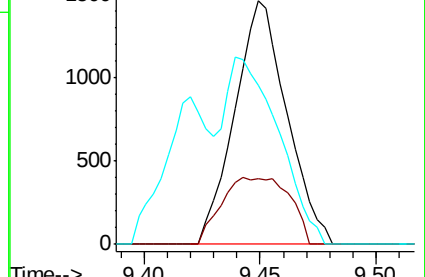
77 65.3 49.5 74.3



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#52

Ethylbenzene

Concen: 0.220 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040517.D

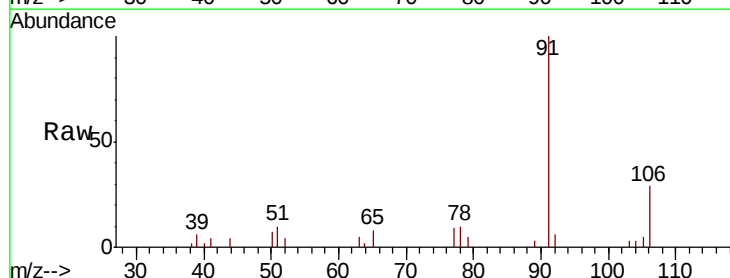
Acq: 05 Oct 2020 18:13

Tgt Ion: 91 Resp: 9441

Ion Ratio Lower Upper

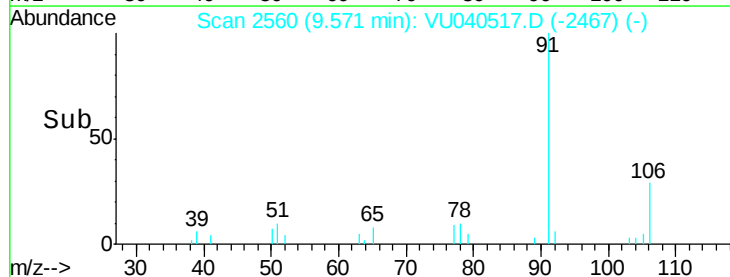
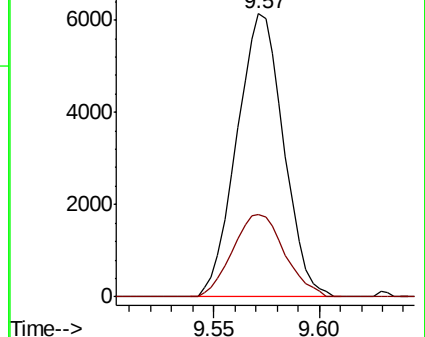
91 100

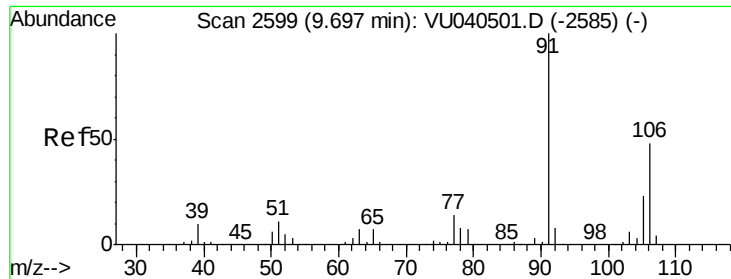
106 29.1 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 0.539 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

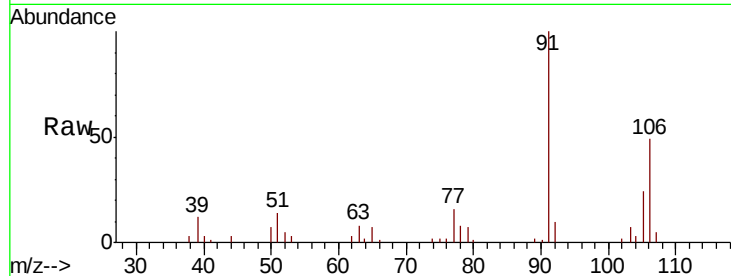
BG3S5DL

Tot Ion:106 Resp: 8613

Ion Ratio Lower Upper

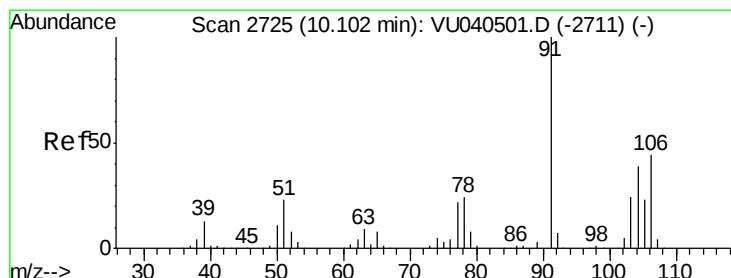
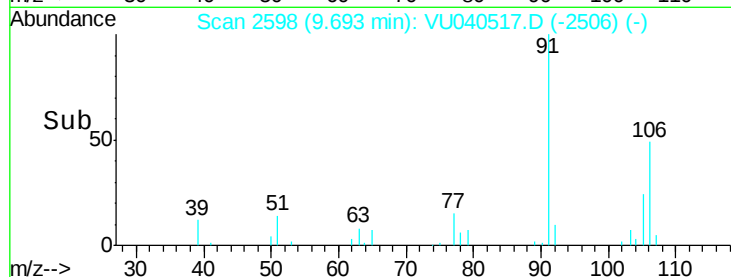
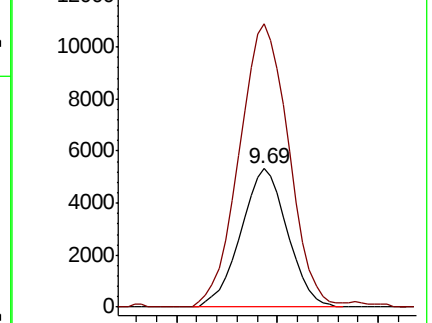
106 100

91 204.7 149.0 276.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.171 ug/L

RT: 10.11 min Scan# 2726

Delta R.T. 0.00 min

Lab File: VU040517.D

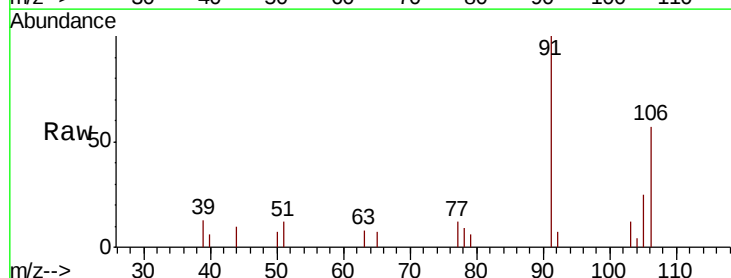
Acq: 05 Oct 2020 18:13

Tgt Ion:106 Resp: 2574

Ion Ratio Lower Upper

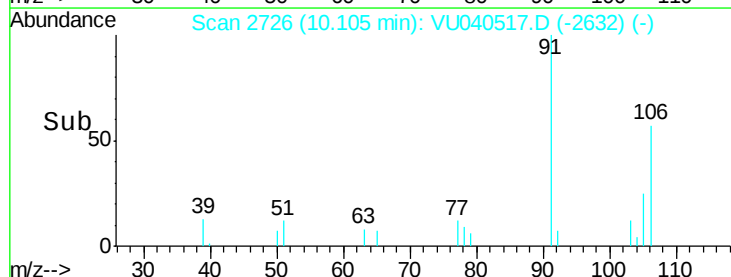
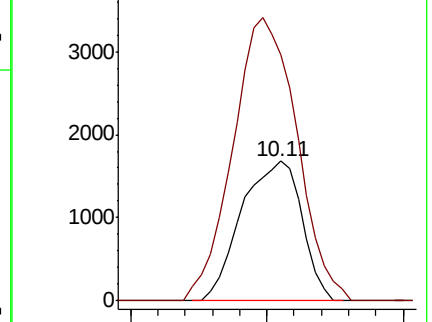
106 100

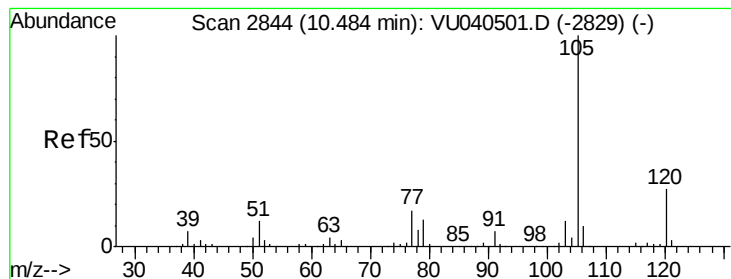
91 176.1 160.9 298.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#56

Isopropylbenzene

Concen: 0.540 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

BG3S5DL

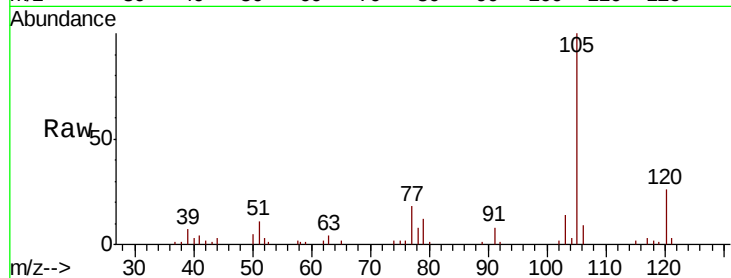
Tot Ion:105 Resp: 21882

Ion Ratio Lower Upper

105 100

120 24.7 20.6 30.8

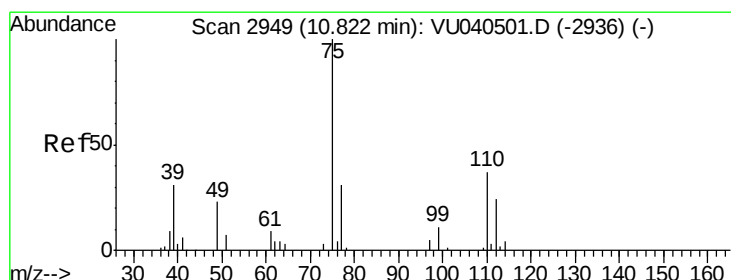
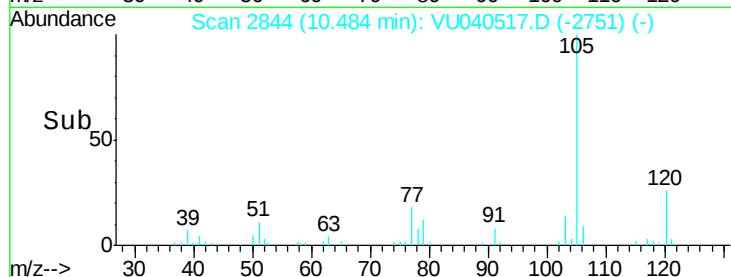
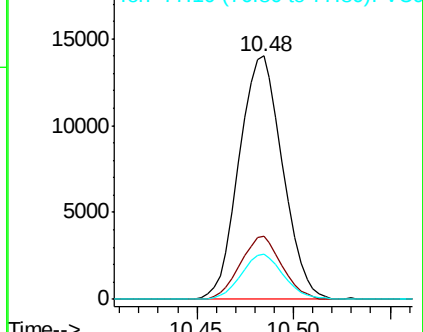
77 18.0 14.3 21.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#59

1,2,3-Trichloropropane

Concen: 1.440 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040517.D

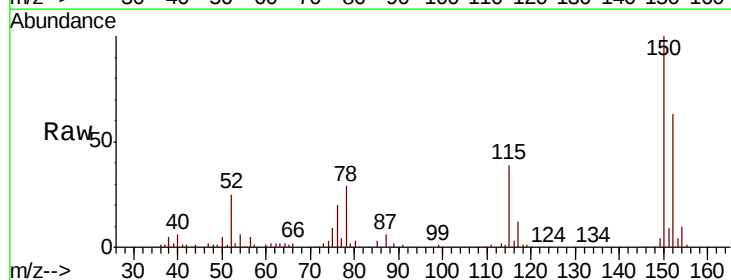
Acq: 05 Oct 2020 18:13

Tgt Ion: 75 Resp: 11194

Ion Ratio Lower Upper

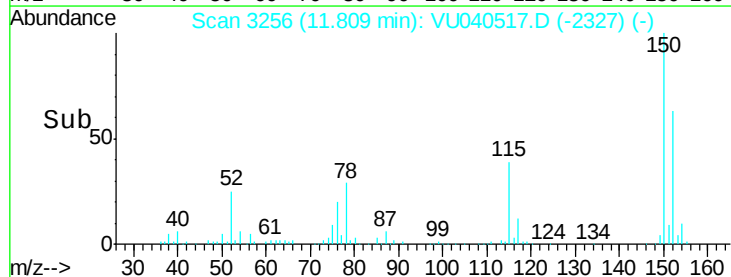
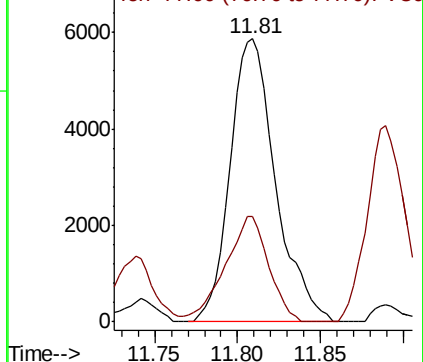
75 100

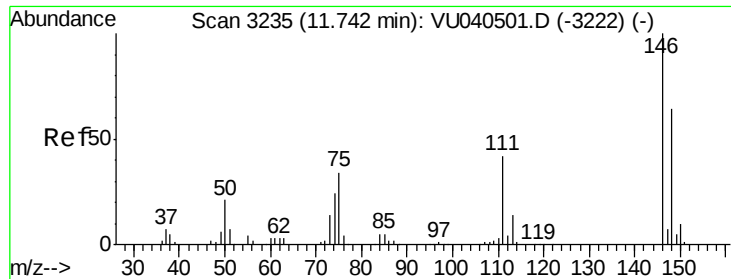
77 35.5 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 0.056 ug/L

RT: 11.74 min Scan# 3234

Delta R.T. -0.00 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

Instrument :

MSVOA_U

ClientSampled :

BG3S5DL

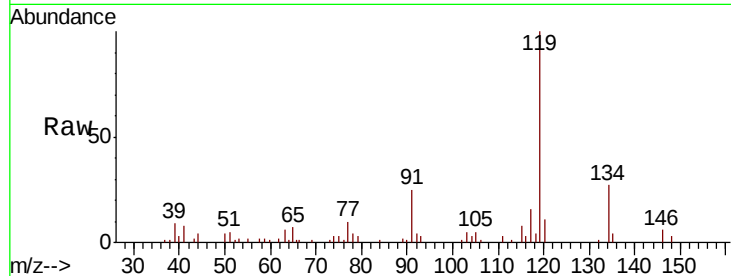
Tot Ion:146 Resp: 1144

Ion Ratio Lower Upper

146 100

111 57.1 28.6 53.0#

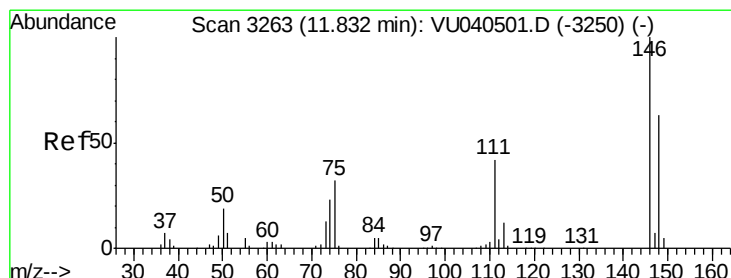
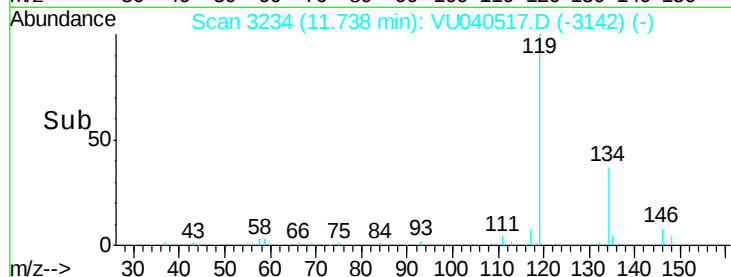
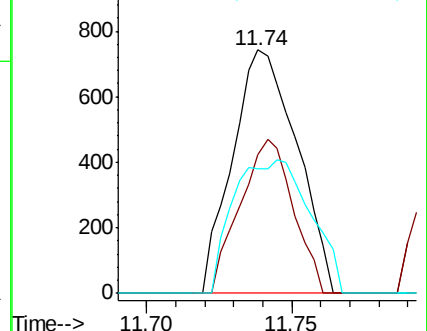
148 51.1 43.4 80.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.213 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.00 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

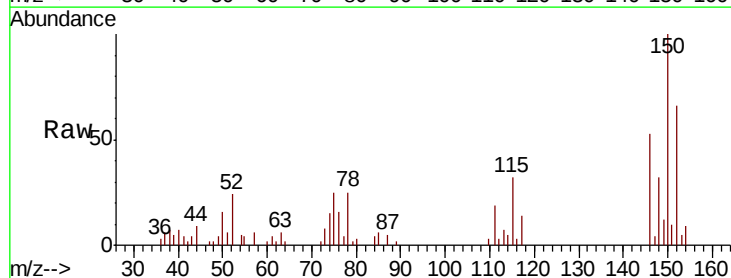
Tgt Ion:146 Resp: 4504

Ion Ratio Lower Upper

146 100

111 37.0 29.2 54.2

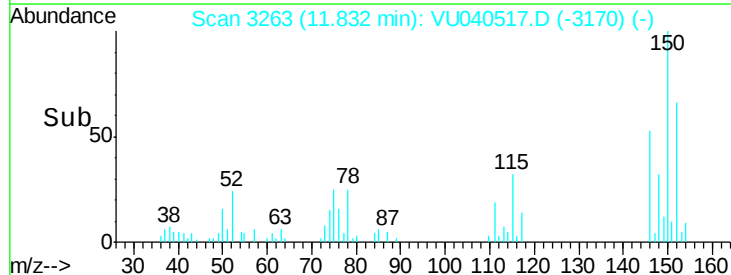
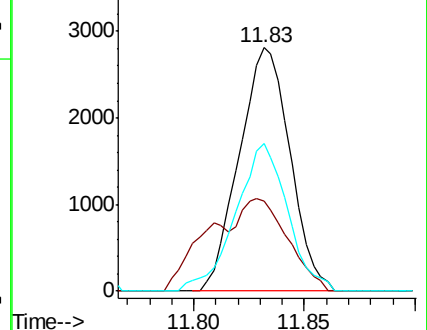
148 60.7 44.4 82.4

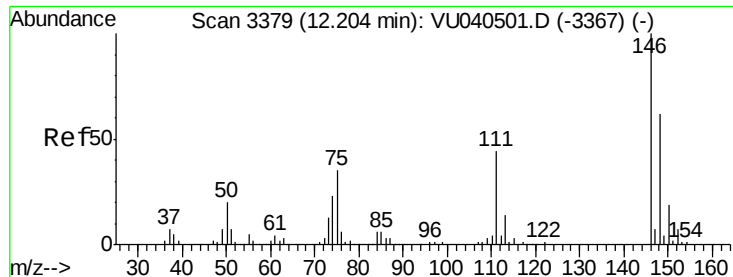


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.068 ug/L

RT: 12.20 min Scan# 3379

Delta R.T. 0.00 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

BG3S5DL

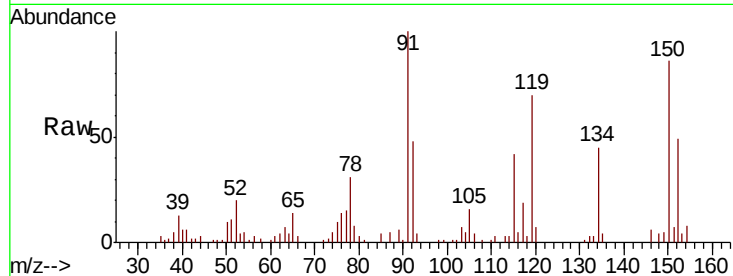
Tot Ion:146 Resp: 1349

Ion Ratio Lower Upper

146 100

111 57.4 35.6 53.4#

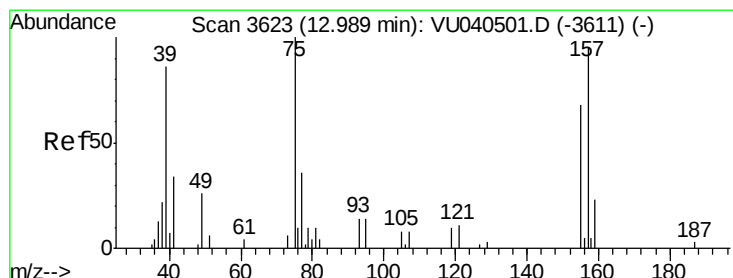
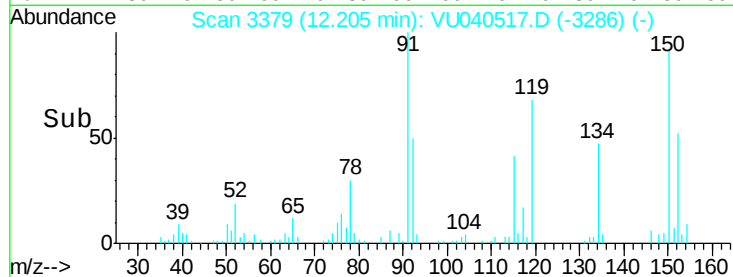
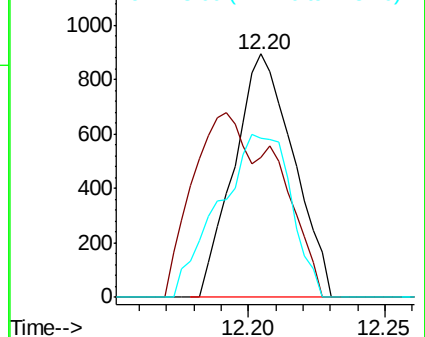
148 65.3 49.8 74.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 0.349 ug/L

RT: 12.96 min Scan# 3615

Delta R.T. -0.03 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

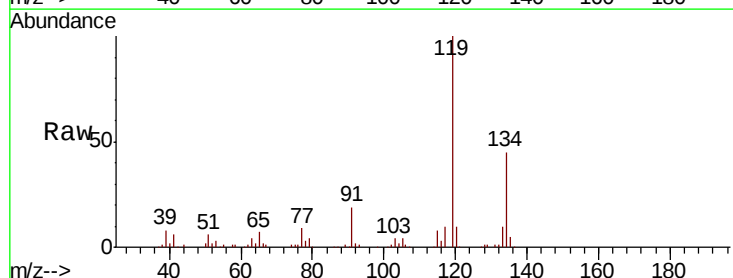
Tgt Ion: 75 Resp: 622

Ion Ratio Lower Upper

75 100

155 0.0 59.4 89.2#

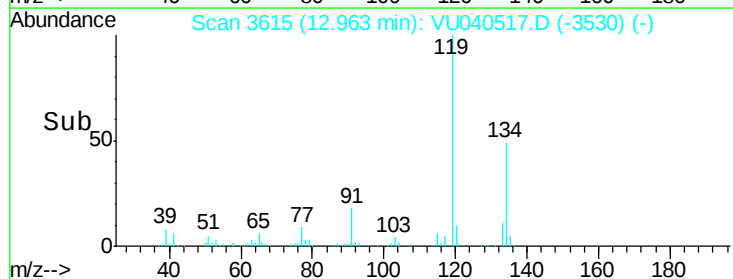
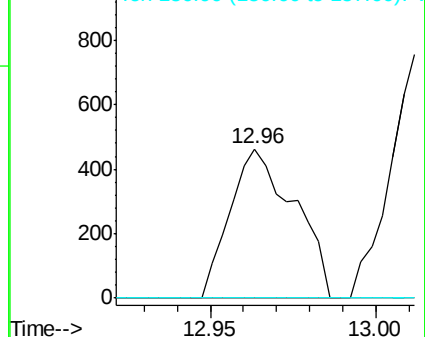
157 0.0 65.0 97.4#

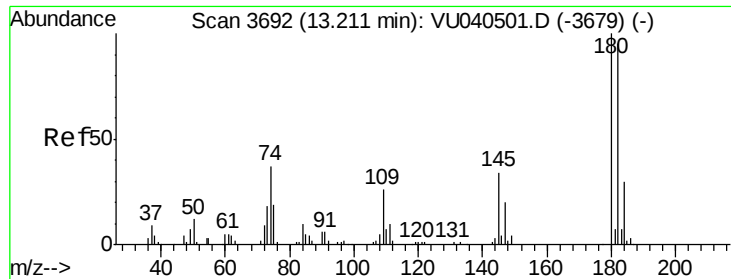


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

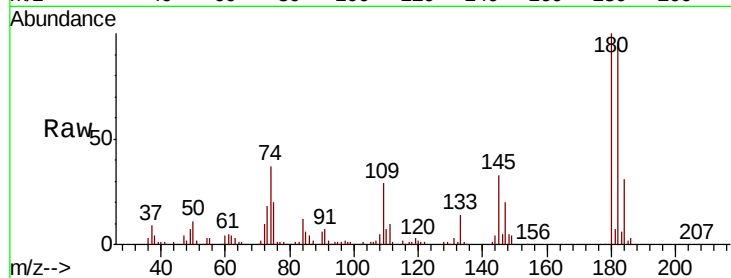




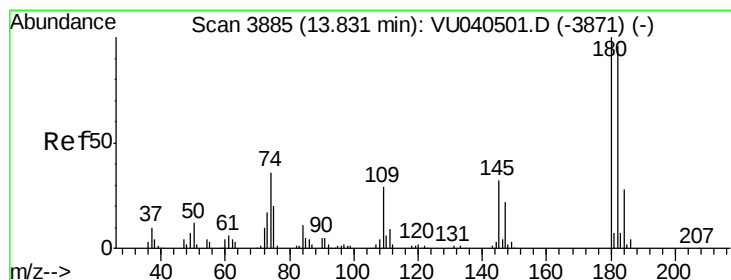
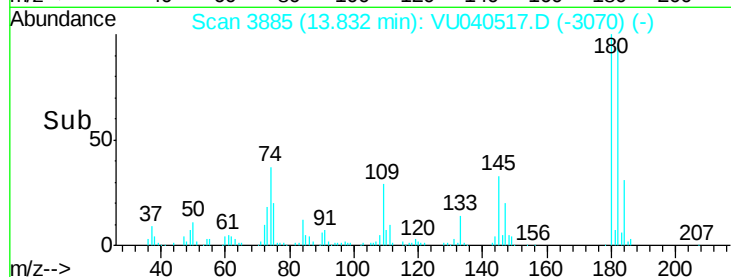
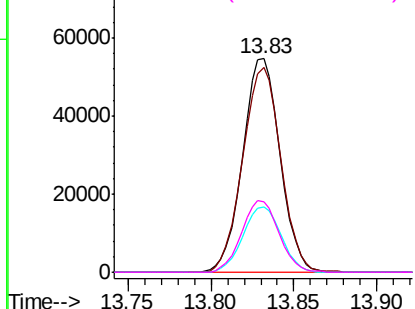
#67
 1,3,5-Trichlorobenzene
 Concen: 5.894 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.62 min
 Lab File: VU040517.D
 Acq: 05 Oct 2020 18:13

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3S5DL

Tot Ion:180	Resp:	85623
Ion Ratio	Lower	Upper
180	100	
182	98.1	76.5 114.7
184	31.1	24.6 37.0
145	33.7	25.8 38.8

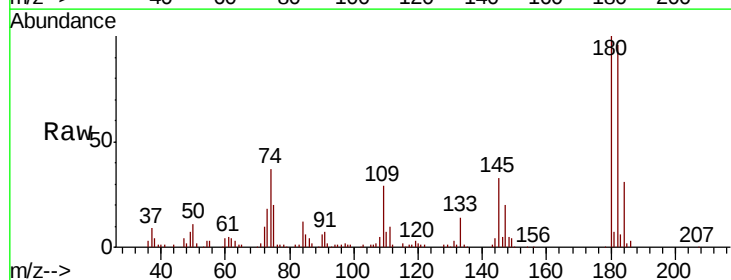


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

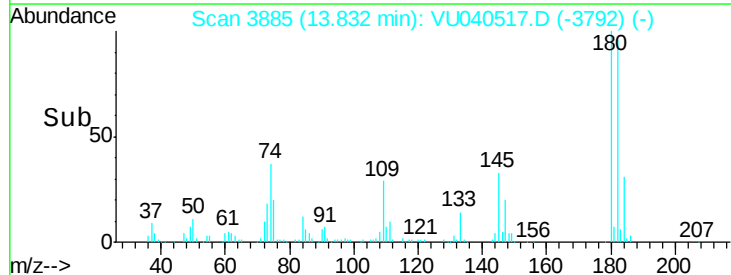
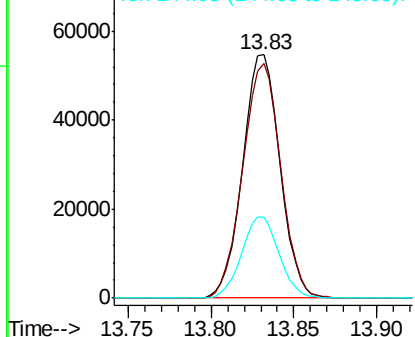


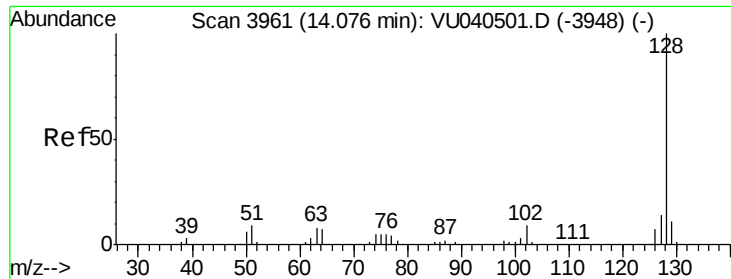
#68
 1,2,4-trichlorobenzene
 Concen: 7.335 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040517.D
 Acq: 05 Oct 2020 18:13

Tgt Ion:180	Resp:	85623
Ion Ratio	Lower	Upper
180	100	
182	98.1	76.6 115.0
145	33.7	26.3 39.5



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.254 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

BG3S5DL

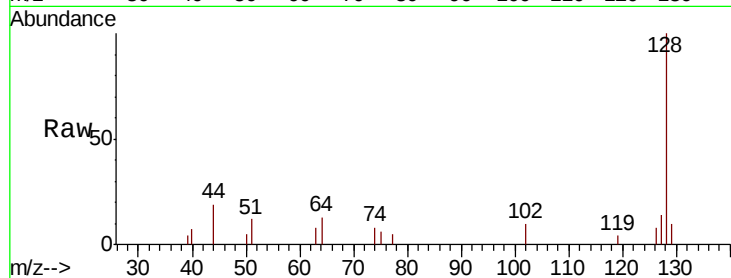
Tot Ion:128 Resp: 5063

Ion Ratio Lower Upper

128 100

129 9.0 8.2 12.4

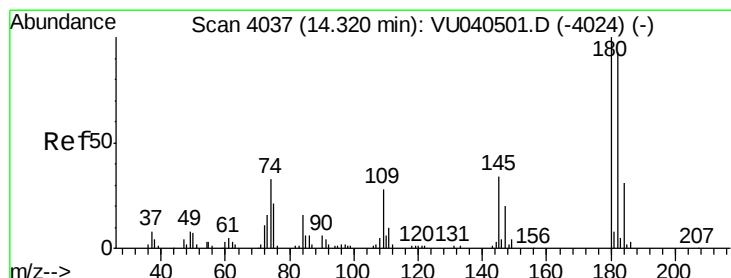
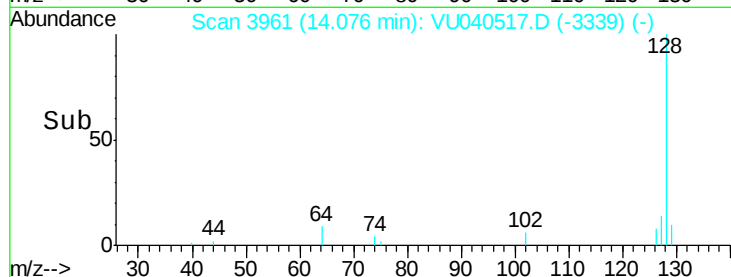
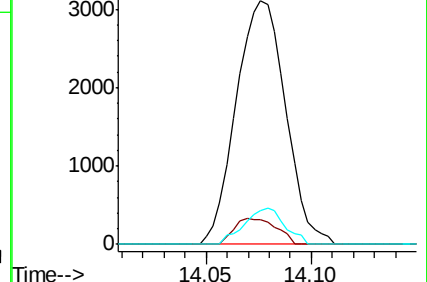
127 12.0 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 1.662 ug/L

RT: 14.32 min Scan# 4037

Delta R.T. 0.00 min

Lab File: VU040517.D

Acq: 05 Oct 2020 18:13

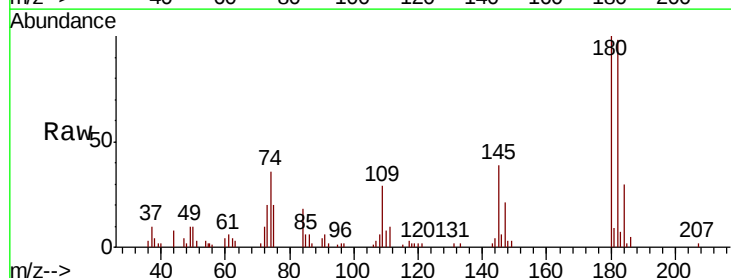
Tgt Ion:180 Resp: 17749

Ion Ratio Lower Upper

180 100

182 97.8 76.6 115.0

145 35.4 27.8 41.6



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

