

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\
 Data File : VU037165.D
 Acq On : 11 Mar 2020 14:36
 Operator : JC/MD
 Sample : L1891-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEQ8

Quant Time: Mar 12 01:58:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 12 01:55:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	119191	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	119448	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	54015	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35843	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.93	69	27709	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.59	63	73733	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	4.68	46	105329	52.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.22%
24) Chloroform-d	5.11	84	74354	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.74	65	46304	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.76	84	146293	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.72	67	44419	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.92	98	128190	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.21	79	19675	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.66	63	81068	50.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	37298	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	47440	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	43203	3.299	ug/L 99
6) Bromomethane	1.87	94	18154	4.119	ug/L 98
9) Trichlorofluoromethane	2.15	101	119318	7.170	ug/L 100
12) 1,1-Dichloroethene	2.60	96	27798	3.573	ug/L 93
13) Acetone	2.68	43	131121	79.925	ug/L 99
14) Carbon disulfide	2.82	76	131289	5.087	ug/L 99
16) Methylene chloride	3.08	84	21216	2.271	ug/L 96
17) Methyl tert-butyl Ether	3.41	73	185255	8.864	ug/L 99
19) 1,1-Dichloroethane	3.91	63	150668	9.049	ug/L 99
21) 2-Butanone	4.76	43	317448	122.924	ug/L 99
25) Chloroform	5.13	83	5297	0.292	ug/L 94
27) 1,2-Dichloroethane	5.83	62	93725	7.402	ug/L 99
29) 1,1,1-Trichloroethane	5.35	97	135008	8.825	ug/L 98
30) Cyclohexane	5.42	56	170487	11.521	ug/L 97
31) Carbon tetrachloride	5.35	117	16528	1.247	ug/L 99
34) Trichloroethene	6.57	95	50219	5.265	ug/L 98
35) Methylcyclohexane	6.79	83	91748	6.223	ug/L 98

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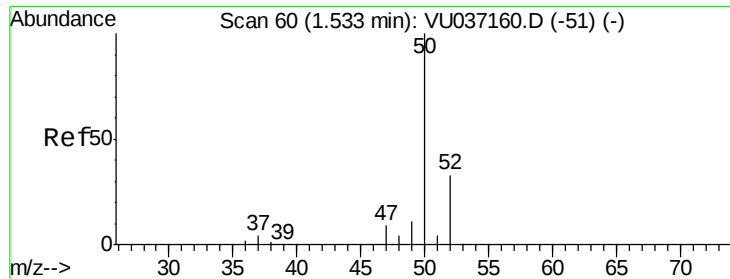
Instrument :
 MSVOA_U
 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

37) 1,2-Dichloropropane	6.82	63	22211	2.390	ug/L	99
42) Toluene	8.00	91	327377	8.634	ug/L	98
45) 1,1,2-Trichloroethane	8.57	97	713	0.106	ug/L #	1
47) Tetrachloroethene	8.57	164	61267	8.261	ug/L	99
48) 2-Hexanone	8.71	43	272280	59.385	ug/L	98
49) Dibromochloromethane	8.57	129	59853	7.411	ug/L #	11
50) 1,2-Dibromoethane	8.95	107	103600	16.294	ug/L #	97
51) Chlorobenzene	9.47	112	259756	10.641	ug/L	97
52) Ethylbenzene	9.59	91	274430	6.546	ug/L	98
53) m,p-Xylene	9.72	106	212612	14.108	ug/L	99
54) o-Xylene	10.12	106	83310	5.670	ug/L	96
55) Styrene	10.13	104	137763	5.717	ug/L	98
56) Isopropylbenzene	10.50	105	135689	3.441	ug/L	99
59) 1,2,3-Trichloropropane	10.13	75	9484	1.426	ug/L #	1
61) Bromoform	10.31	173	24326	5.902	ug/L	99
62) 1,3-Dichlorobenzene	11.85	146	74743	4.223	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	74743	4.252	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	206692	12.317	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	5788	4.492	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	69964	5.774	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	83465	10.825	ug/L	99

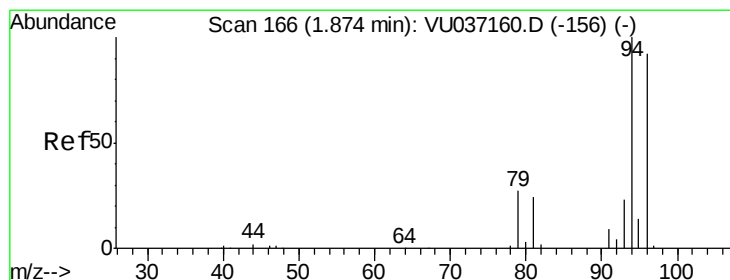
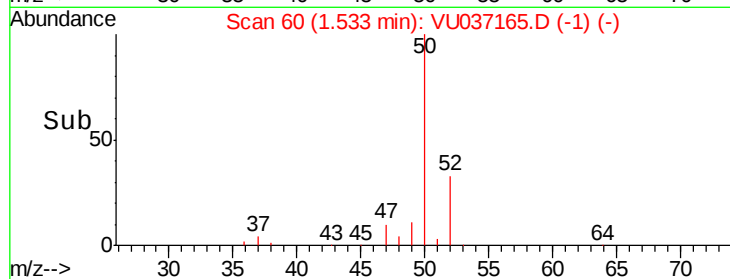
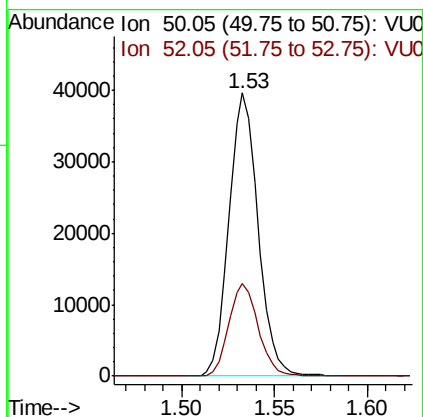
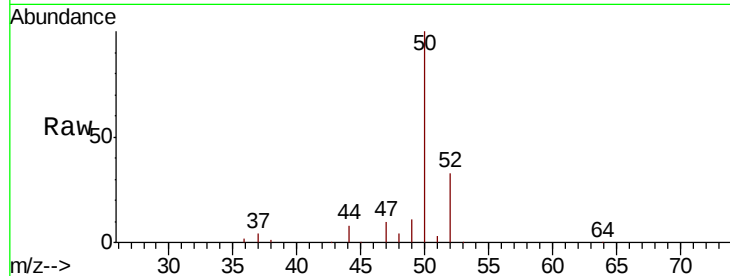
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 3.299 ug/L
RT: 1.53 min Scan# 60
Delta R.T. -0.00 min
Lab File: VU037165.D
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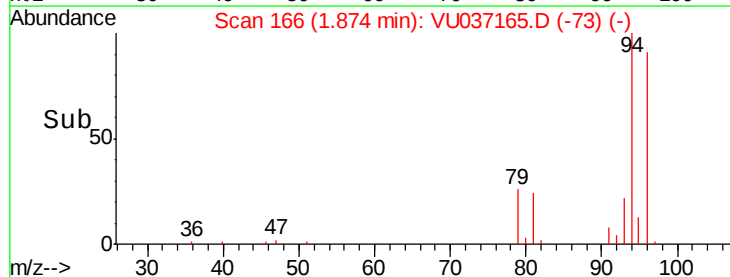
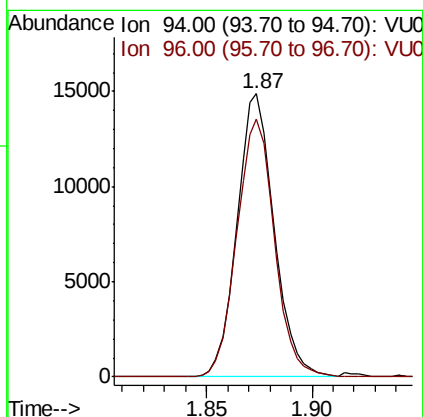
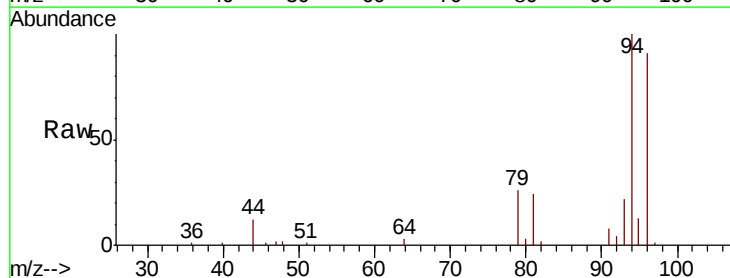
Instrument :
MSVOA_U
ClientSampleId :
DBEQ8

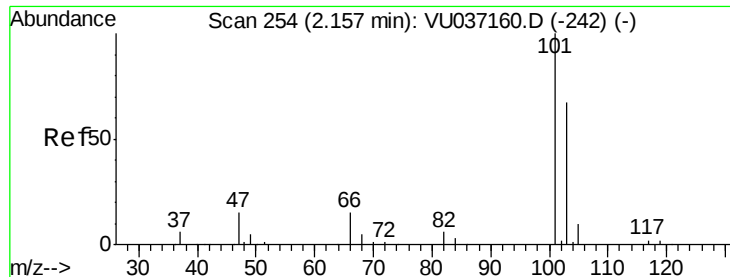
Tot Ion: 50 Resp: 43203
Ion Ratio Lower Upper
50 100
52 33.0 23.3 43.3



#6
Bromomethane
Concen: 4.119 ug/L
RT: 1.87 min Scan# 166
Delta R.T. -0.00 min
Lab File: VU037165.D
Acq: 11 Mar 2020 14:36

Tgt Ion: 94 Resp: 18154
Ion Ratio Lower Upper
94 100
96 91.0 64.8 120.4





#9

Trichlorofluoromethane

Concen: 7.170 ug/L

RT: 2.15 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

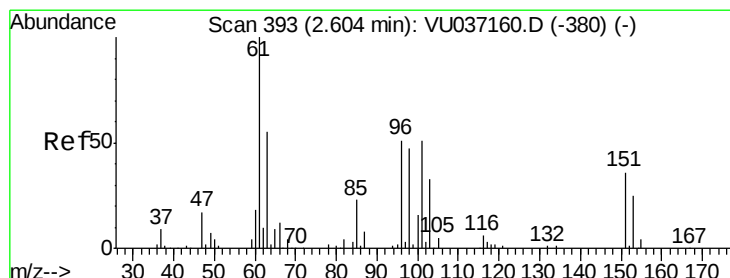
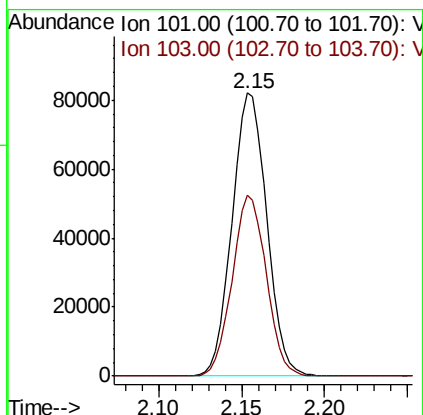
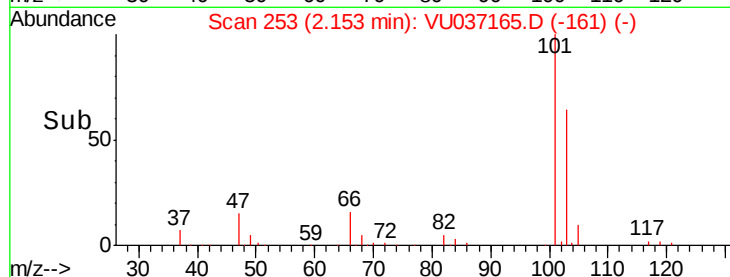
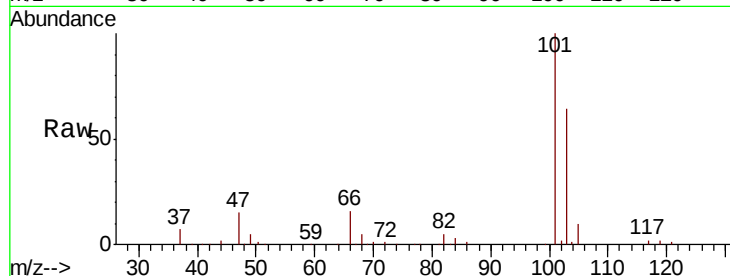
DBEQ8

Tot Ion:101 Resp: 119318

Ion Ratio Lower Upper

101 100

103 62.9 50.2 75.4



#12

1,1-Dichloroethene

Concen: 3.573 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

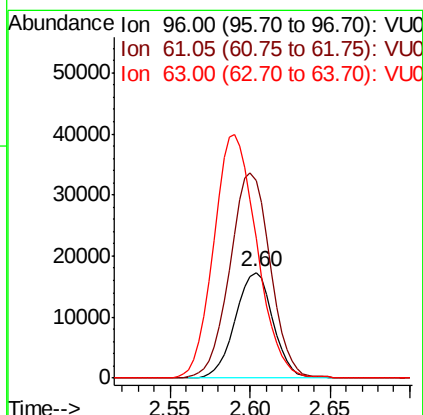
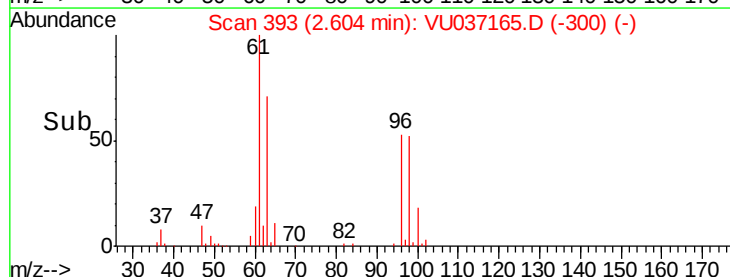
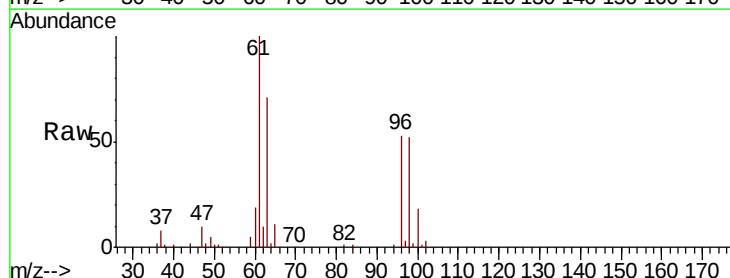
Tgt Ion: 96 Resp: 27798

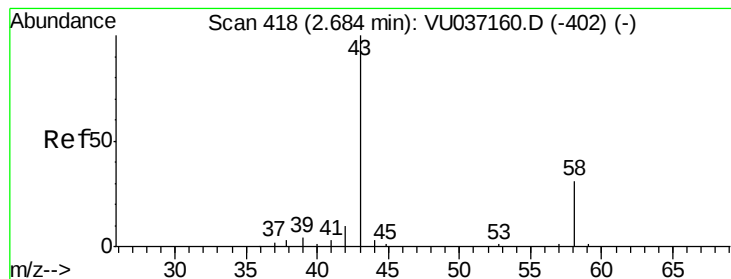
Ion Ratio Lower Upper

96 100

61 187.0 136.4 253.2

63 132.8 86.2 160.0





#13

Acetone

Concen: 79.925 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

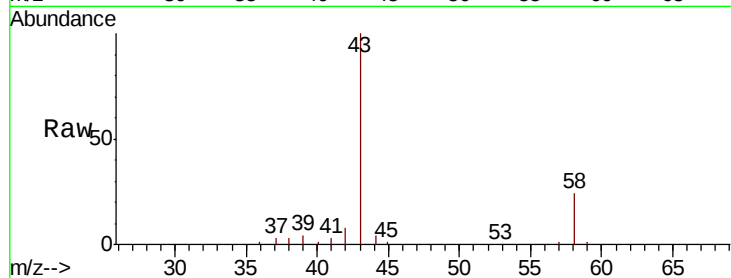
DBEQ8

Tot Ion: 43 Resp: 131121

Ion Ratio Lower Upper

43 100

58 25.7 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037160.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU037160.D (-402) (-)

2.68

40000

30000

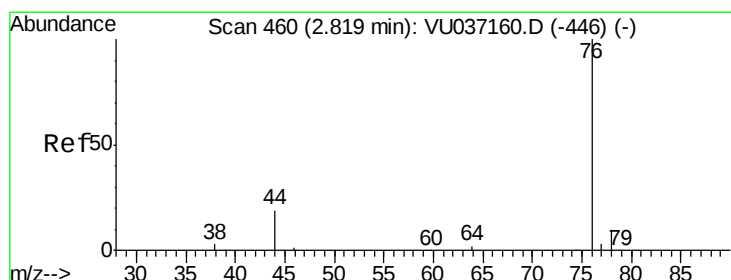
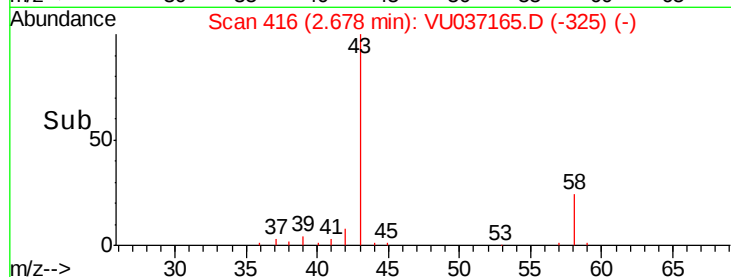
20000

10000

0

2.60 2.70 2.80

Time-->



#14

Carbon disulfide

Concen: 5.087 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU037165.D

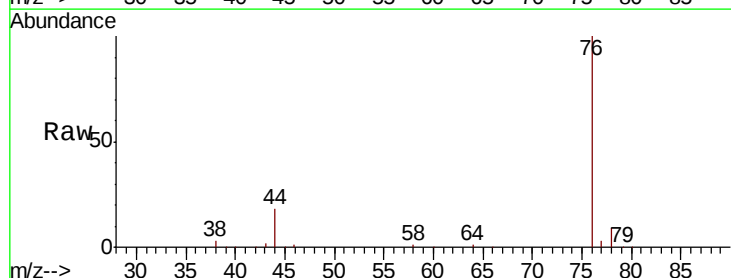
Acq: 11 Mar 2020 14:36

Tgt Ion: 76 Resp: 131289

Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3



Abundance Ion 76.05 (75.75 to 76.75): VU037160.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU037160.D (-446) (-)

2.82

80000

60000

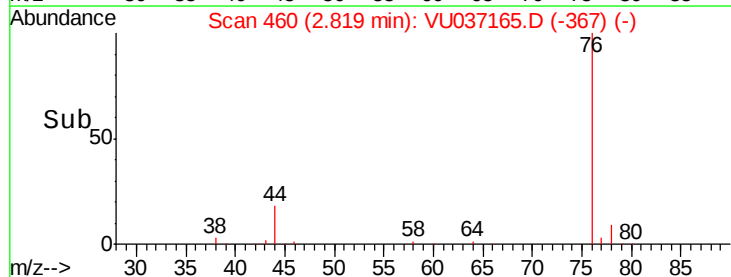
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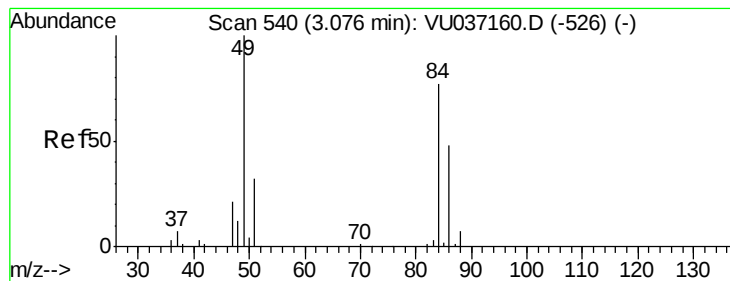
20000

0

2.75 2.80 2.85 2.90

Time-->





#16

Methylene chloride

Concen: 2.271 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

DBEQ8

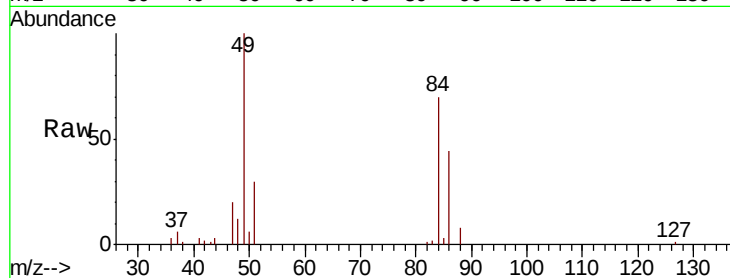
Tot Ion: 84 Resp: 21216

Ion Ratio Lower Upper

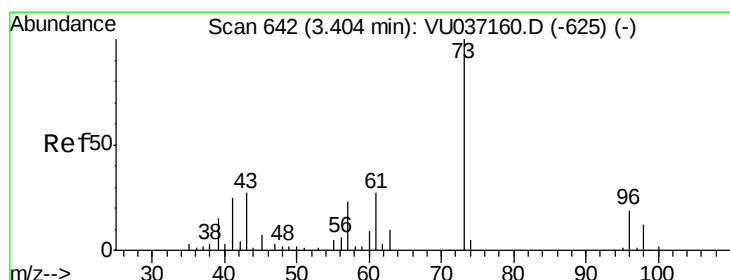
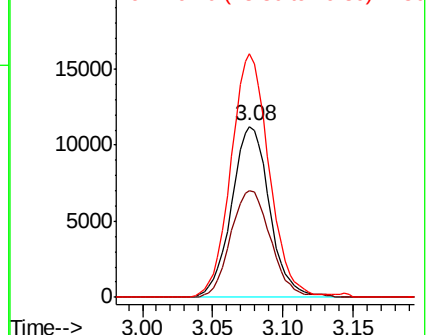
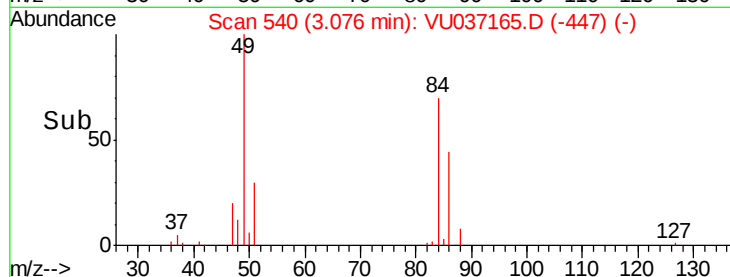
84 100

86 62.8 44.3 82.3

49 142.5 95.3 177.1



Abundance Ion 84.05 (83.75 to 84.75): VU037165.D (-547) (-)



#17

Methyl tert-butyl Ether

Concen: 8.864 ug/L

RT: 3.41 min Scan# 643

Delta R.T. 0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

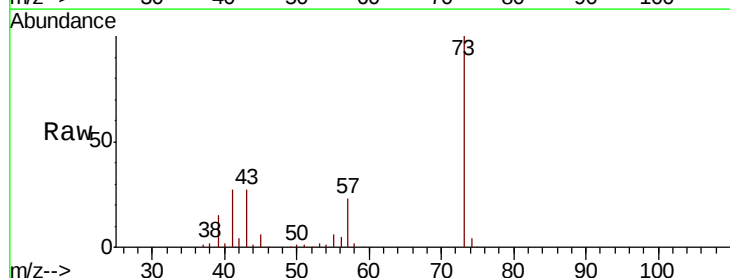
Tgt Ion: 73 Resp: 185255

Ion Ratio Lower Upper

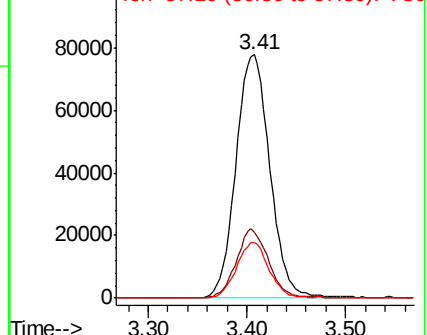
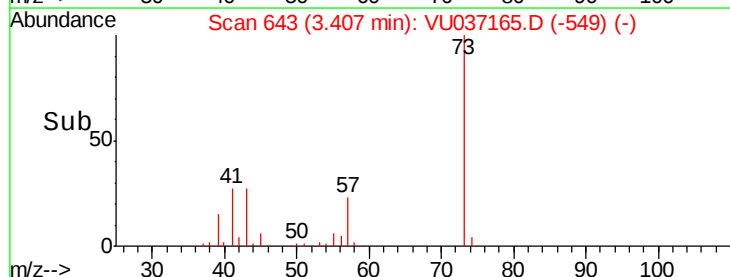
73 100

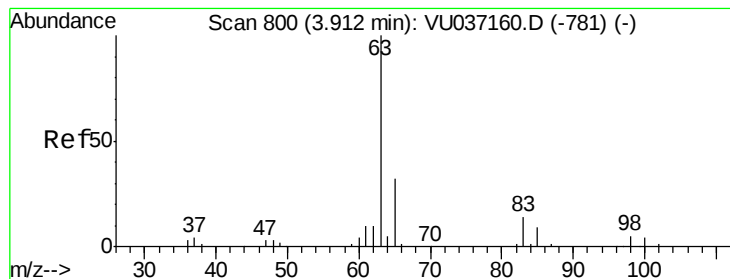
43 26.7 21.1 31.7

57 21.8 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU037165.D (-549) (-)





#19

1,1-Dichloroethane

Concen: 9.049 ug/L

RT: 3.91 min Scan# 800

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

DBEQ8

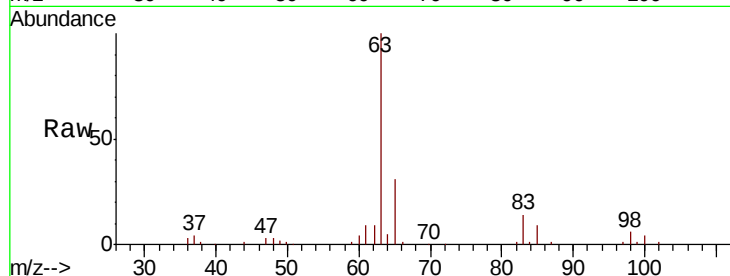
Tot Ion: 63 Resp: 150668

Ion Ratio Lower Upper

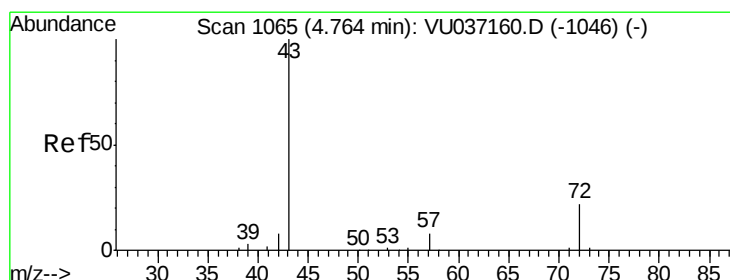
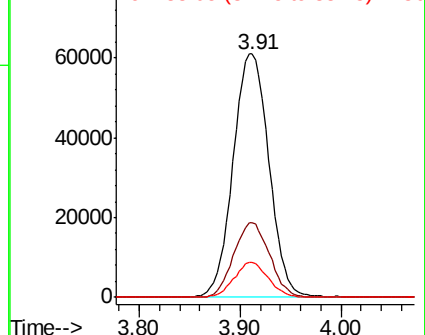
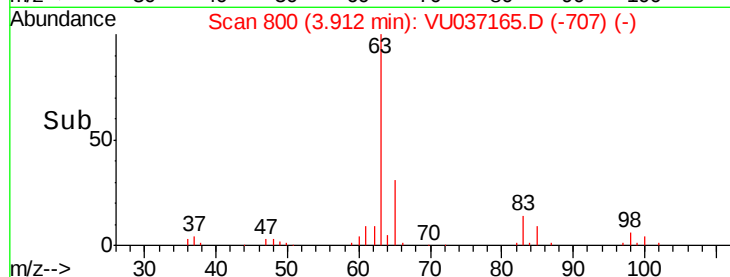
63 100

65 30.9 21.3 39.5

83 14.4 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VU037165.D (-707) (-)



#21

2-Butanone

Concen: 122.924 ug/L

RT: 4.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VU037165.D

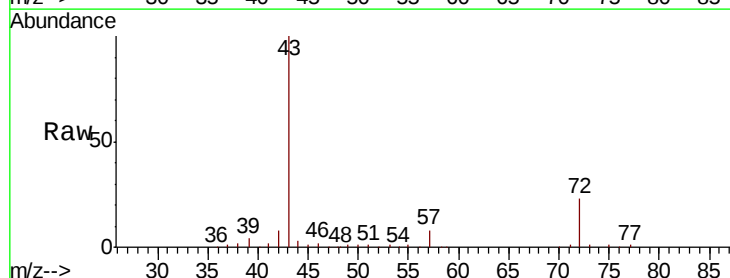
Acq: 11 Mar 2020 14:36

Tgt Ion: 43 Resp: 317448

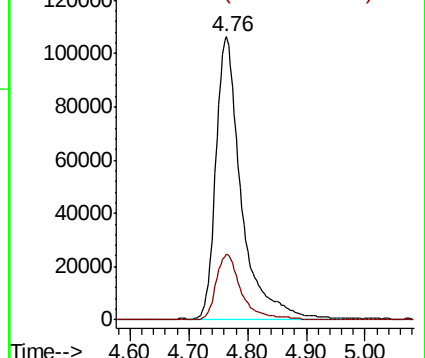
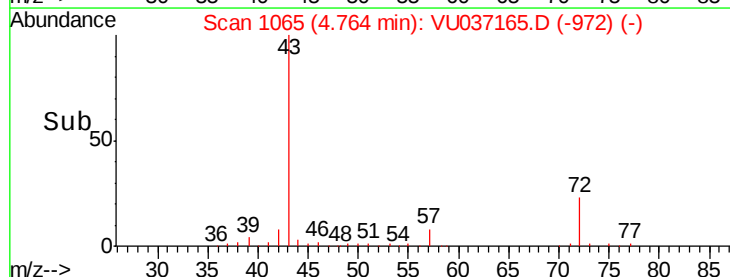
Ion Ratio Lower Upper

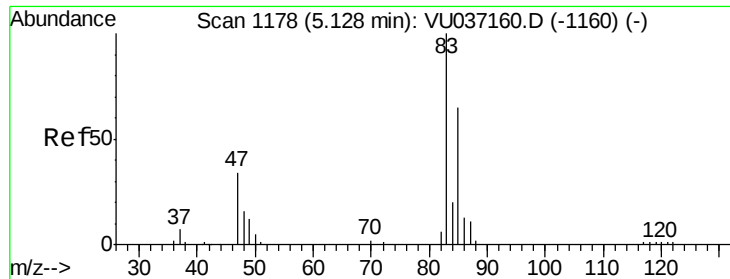
43 100

72 22.7 11.6 34.7



Abundance Ion 43.05 (42.75 to 43.75): VU037165.D (-972) (-)

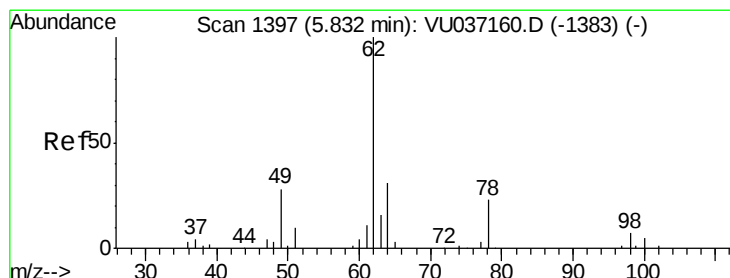
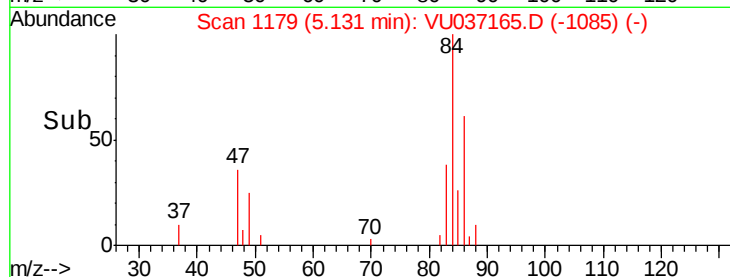
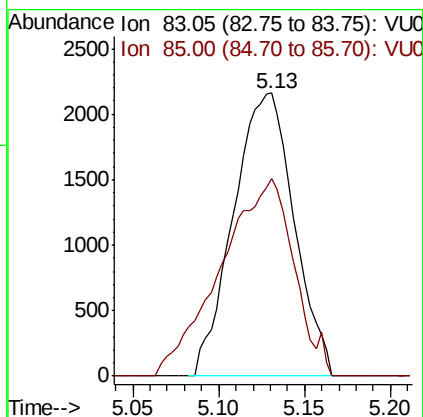
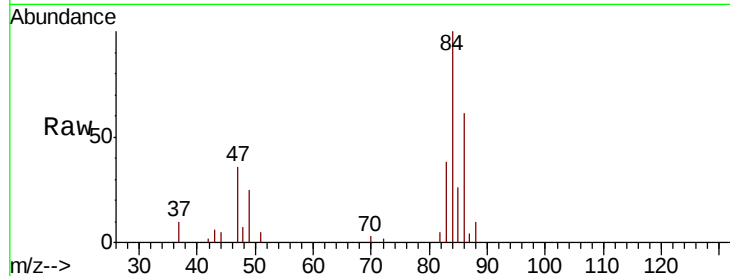




#25
Chloroform
Concen: 0.292 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037165.D
Acq: 11 Mar 2020 14:36

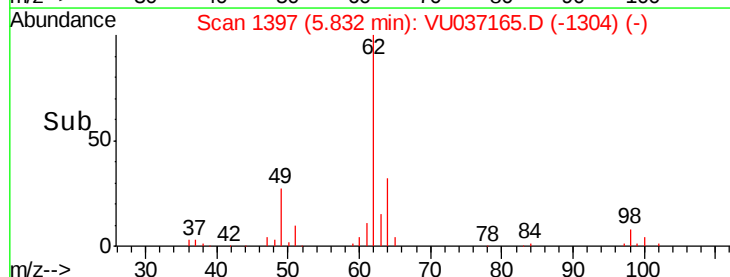
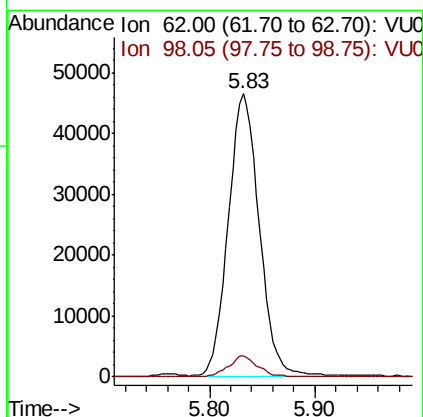
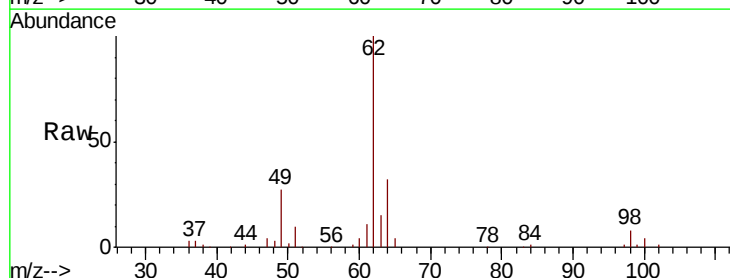
Instrument :
MSVOA_U
ClientSampleId :
DBEQ8

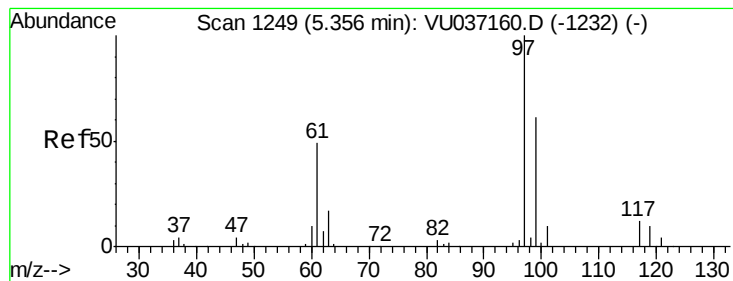
Tot Ion: 83 Resp: 5297
Ion Ratio Lower Upper
83 100
85 69.8 45.3 84.1



#27
1,2-Dichloroethane
Concen: 7.402 ug/L
RT: 5.83 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VU037165.D
Acq: 11 Mar 2020 14:36

Tgt Ion: 62 Resp: 93725
Ion Ratio Lower Upper
62 100
98 7.6 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 8.825 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

DBEQ8

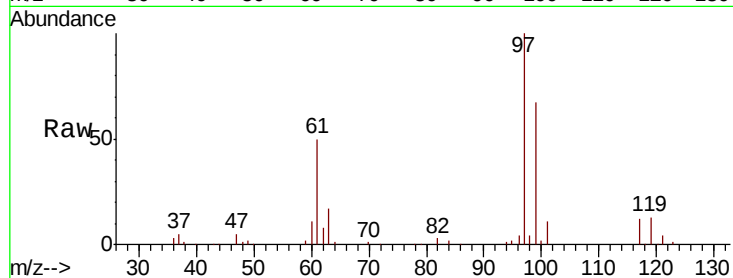
Tot Ion: 97 Resp: 135008

Ion Ratio Lower Upper

97 100

99 64.8 52.4 78.6

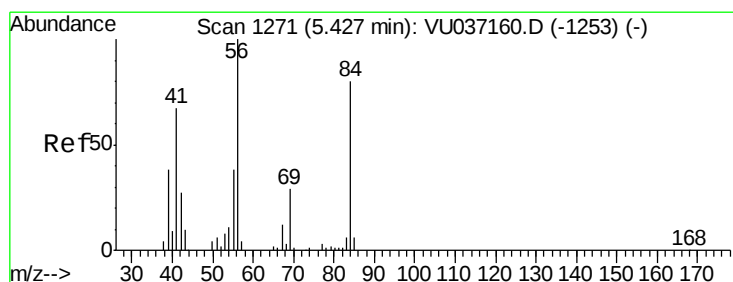
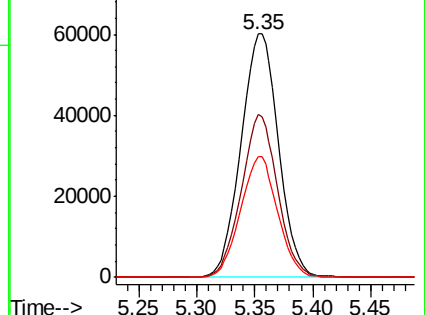
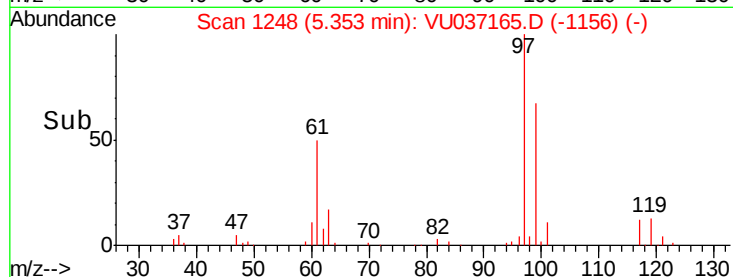
61 49.1 40.6 61.0



Abundance Ion 96.95 (96.65 to 97.65): VU037165.D (-1156) (-)

Ion 99.05 (98.75 to 99.75): VU037165.D (-1156) (-)

Ion 61.05 (60.75 to 61.75): VU037165.D (-1156) (-)



#30

Cyclohexane

Concen: 11.521 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

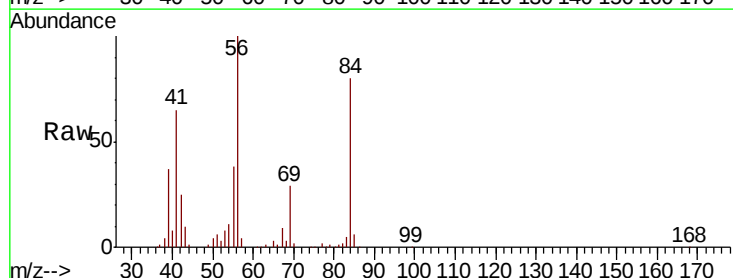
Tgt Ion: 56 Resp: 170487

Ion Ratio Lower Upper

56 100

69 28.9 25.0 37.6

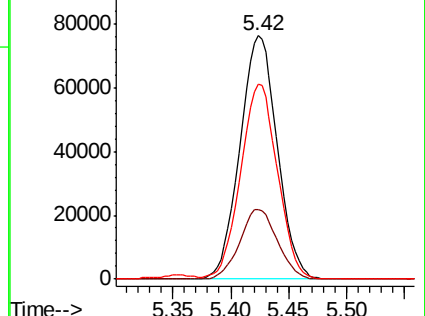
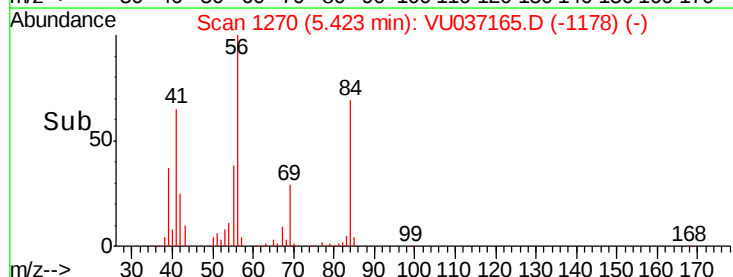
84 79.2 65.4 98.2

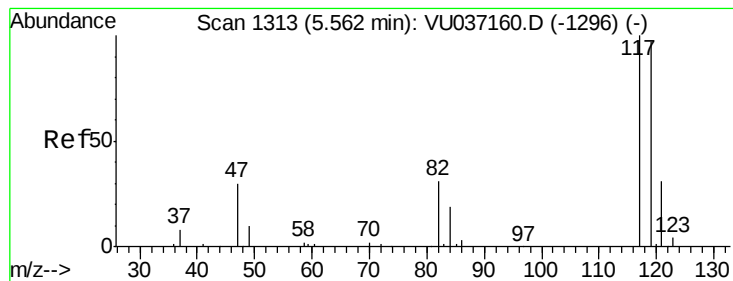


Abundance Ion 56.10 (55.80 to 56.80): VU037165.D (-1178) (-)

Ion 69.15 (68.85 to 69.85): VU037165.D (-1178) (-)

Ion 84.15 (83.85 to 84.85): VU037165.D (-1178) (-)





#31

Carbon tetrachloride

Concen: 1.247 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.21 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

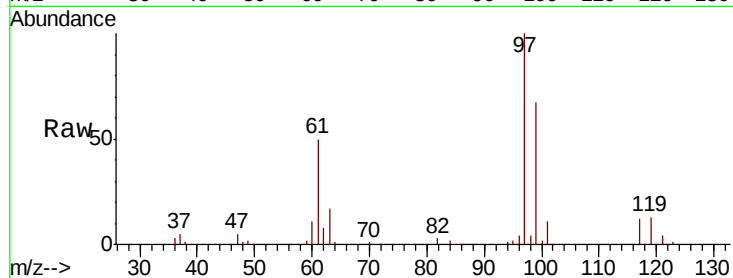
DBEQ8

Tot Ion:117 Resp: 16528

Ion Ratio Lower Upper

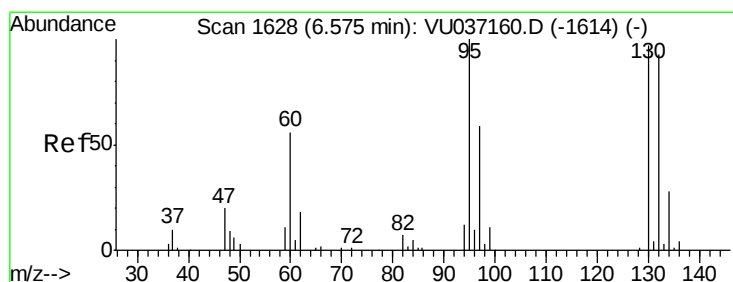
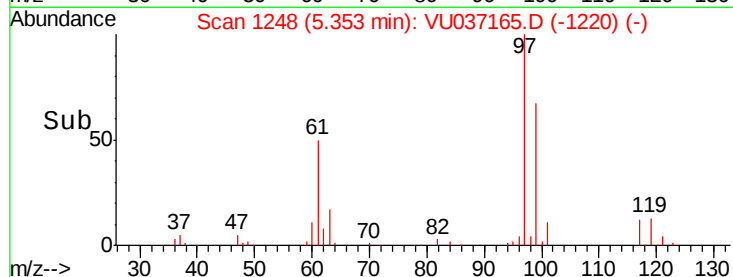
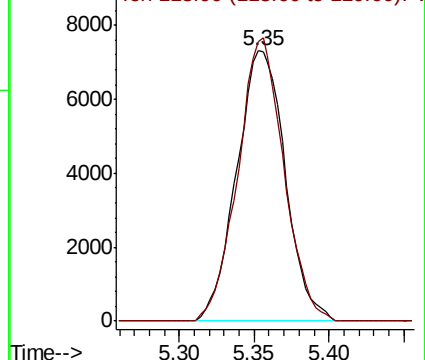
117 100

119 98.9 78.2 117.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 5.265 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Tgt Ion: 95 Resp: 50219

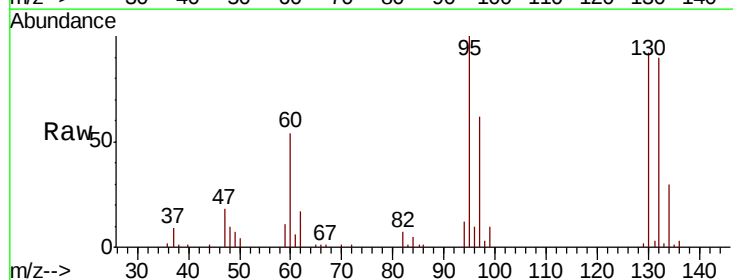
Ion Ratio Lower Upper

95 100

97 62.1 45.4 84.4

132 89.9 63.7 118.3

130 91.6 64.8 120.4

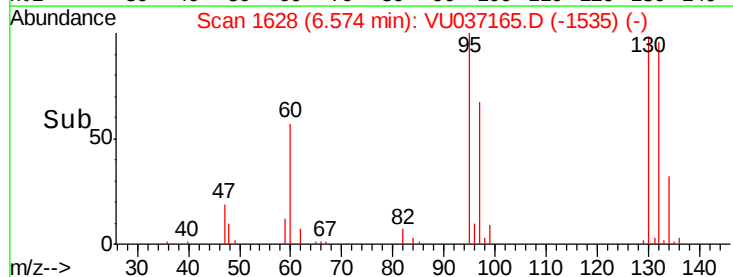
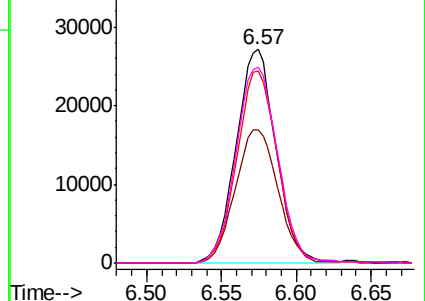


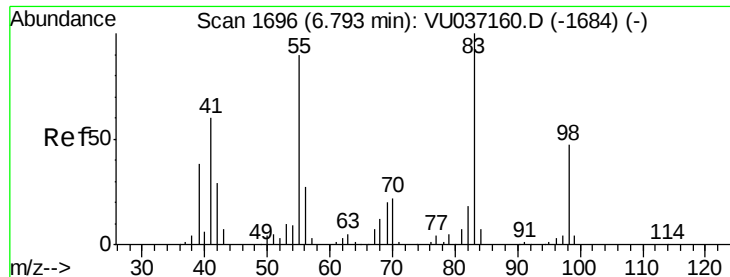
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

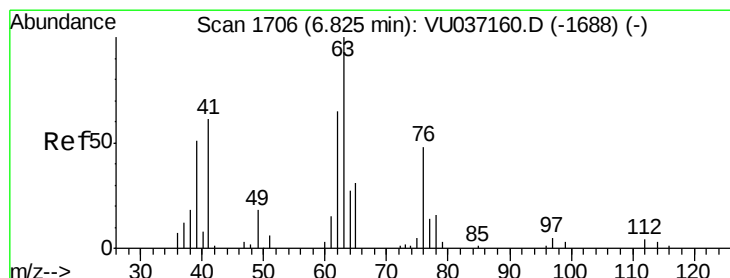
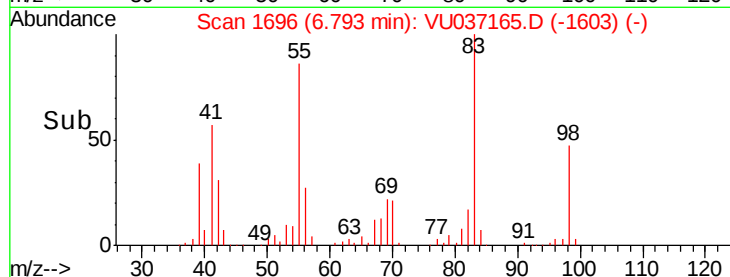
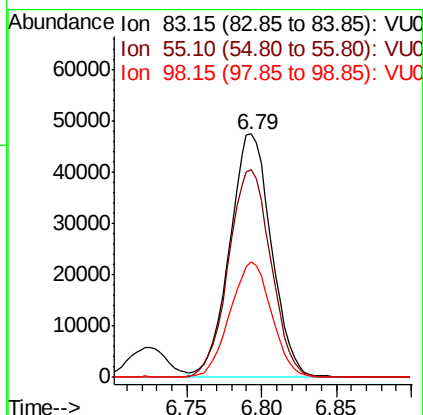
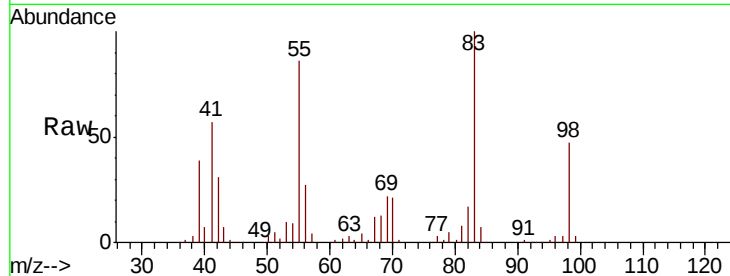




#35
Methvlcvclohexane
Concen: 6.223 ug/L
RT: 6.79 min Scan# 1696
Delta R.T. -0.00 min
Lab File: VU037165.D
Acq: 11 Mar 2020 14:36

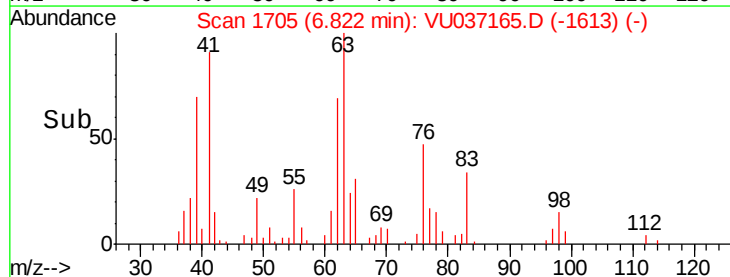
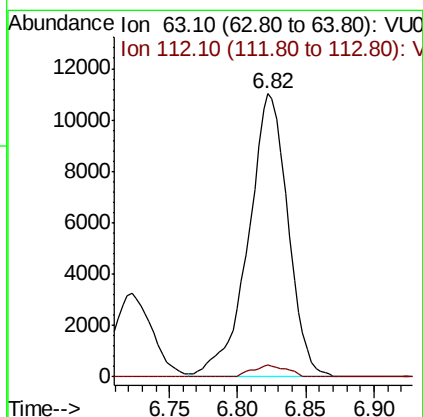
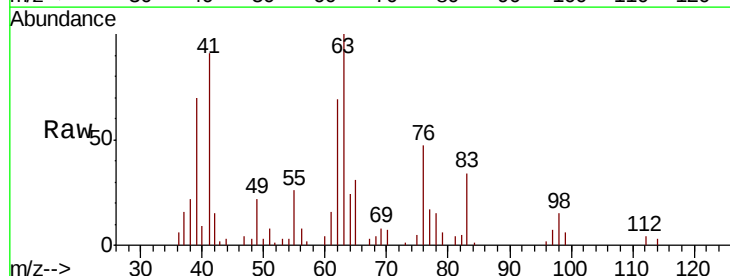
Instrument :
MSVOA_U
ClientSampleId :
DBEQ8

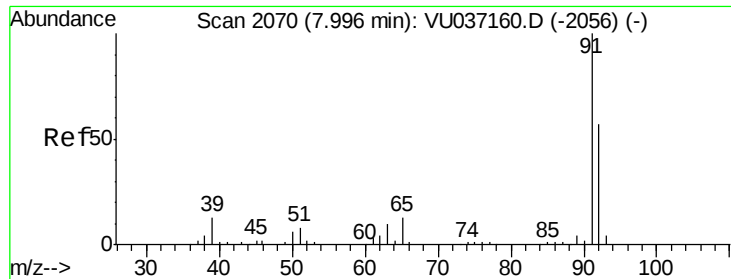
Tot Ion: 83 Resp: 91748
Ion Ratio Lower Upper
83 100
55 87.0 68.1 102.1
98 47.5 37.0 55.4



#37
1,2-Dichloropropane
Concen: 2.390 ug/L
RT: 6.82 min Scan# 1705
Delta R.T. -0.00 min
Lab File: VU037165.D
Acq: 11 Mar 2020 14:36

Tgt Ion: 63 Resp: 22211
Ion Ratio Lower Upper
63 100
112 3.5 3.0 4.6





#42

Toluene

Concen: 8.634 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampled :

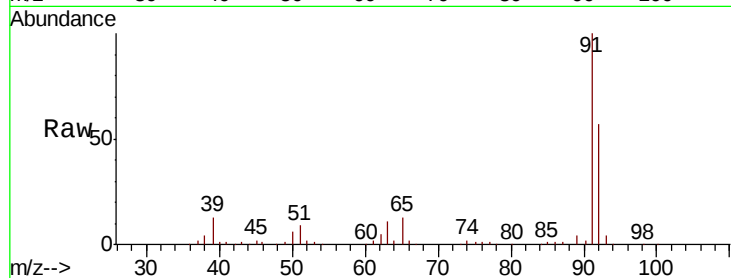
DBEQ8

Tot Ion: 91 Resp: 327377

Ion Ratio Lower Upper

91 100

92 57.4 41.0 76.2



Abundance Ion 91.15 (90.85 to 91.85): VU037160.D (-2056) (-)

Ion 92.15 (91.85 to 92.85): VU037160.D (-2056) (-)

8.00

200000

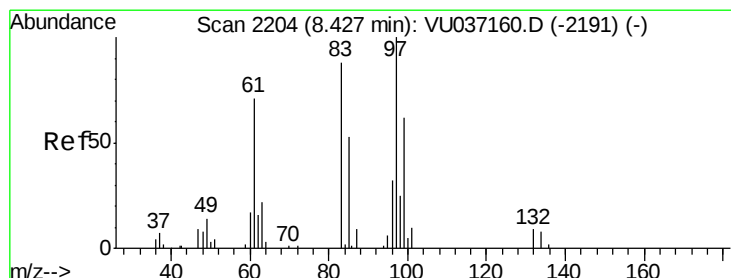
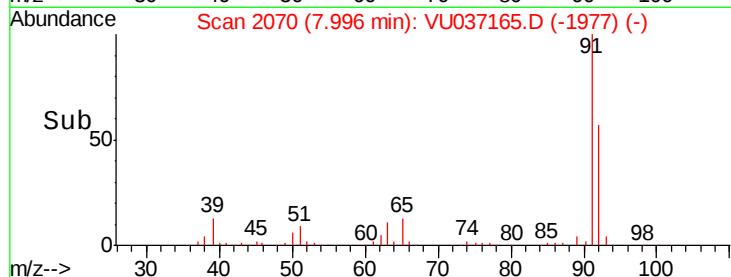
150000

100000

50000

0

Time-->



#45

1,1,2-Trichloroethane

Concen: 0.106 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. 0.14 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Tgt Ion: 97 Resp: 713

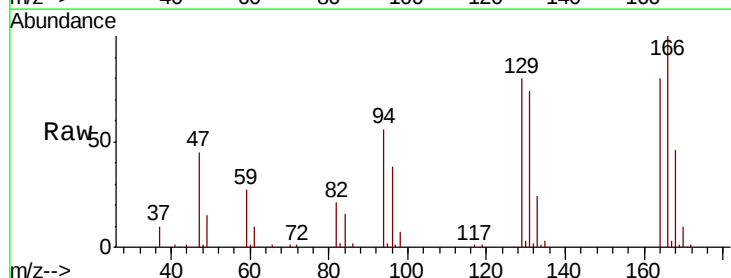
Ion Ratio Lower Upper

97 100

99 0.0 43.6 81.0#

83 240.3 60.1 111.7#

85 43.6 37.8 70.2



Abundance Ion 96.95 (96.65 to 97.65): VU037160.D (-2191) (-)

Ion 99.05 (98.75 to 99.75): VU037160.D (-2191) (-)

Ion 82.95 (82.65 to 83.65): VU037160.D (-2191) (-)

Ion 85.00 (84.70 to 85.70): VU037160.D (-2191) (-)

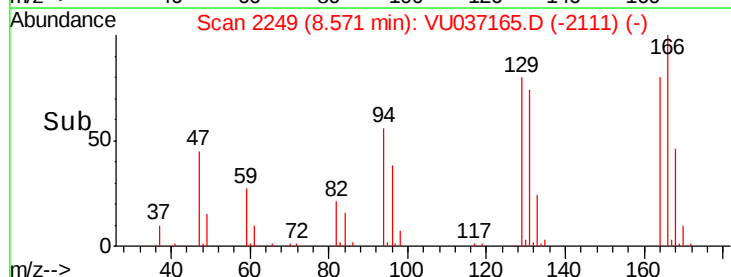
1500

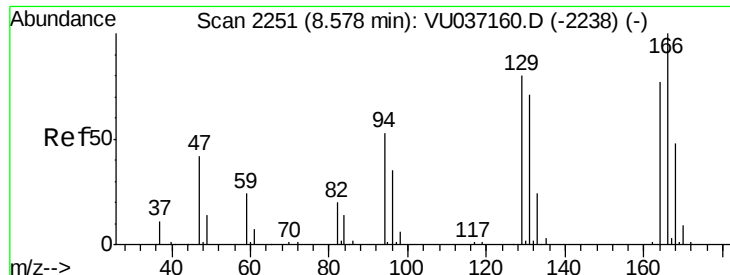
1000

500

0

Time-->





#47

Tetrachloroethene

Concen: 8.261 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

DBEQ8

Tot Ion:164 Resp: 61267

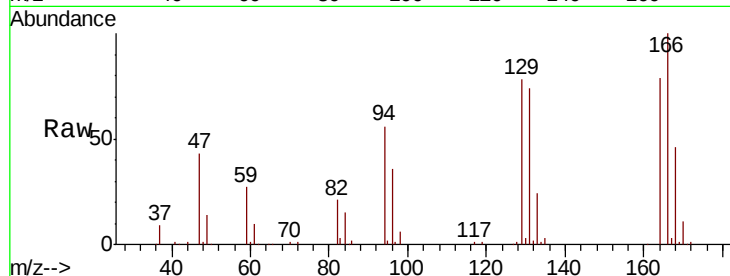
Ion Ratio Lower Upper

164 100

129 98.7 69.8 129.6

131 94.4 66.1 122.8

166 127.0 88.1 163.5

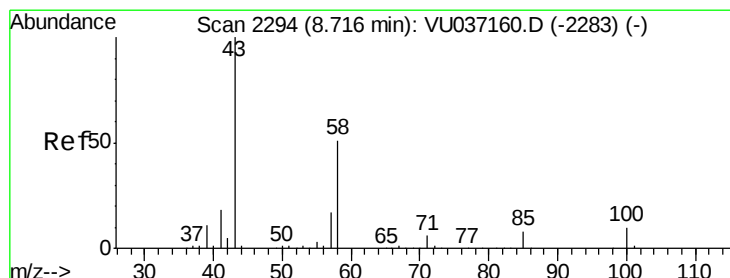
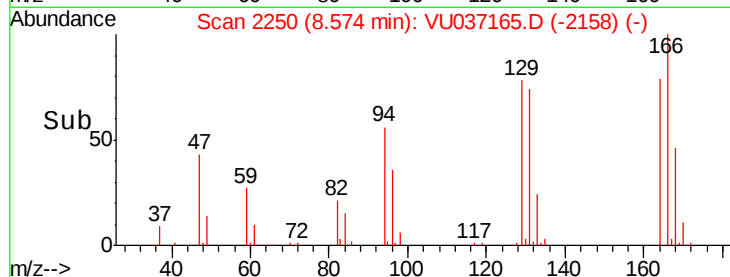
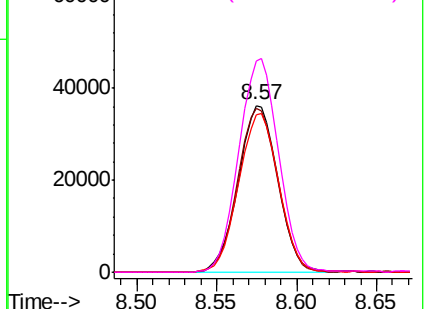


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 59.385 ug/L

RT: 8.71 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Tgt Ion: 43 Resp: 272280

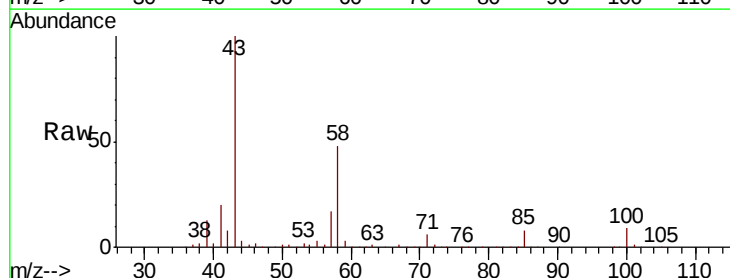
Ion Ratio Lower Upper

43 100

58 46.7 38.6 58.0

57 17.4 13.6 20.4

100 9.4 7.4 11.2

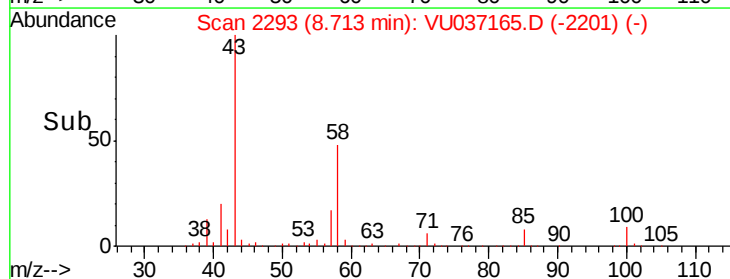
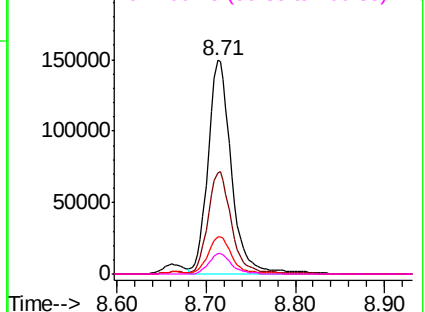


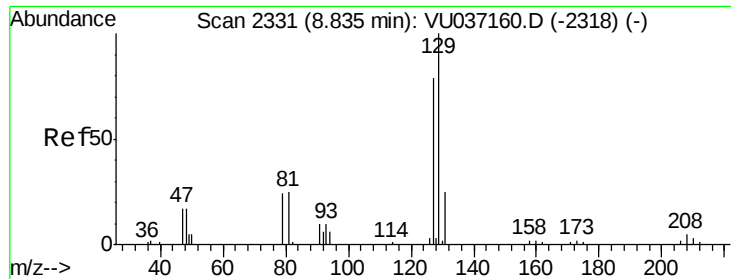
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#49

Dibromochloromethane

Concen: 7.411 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

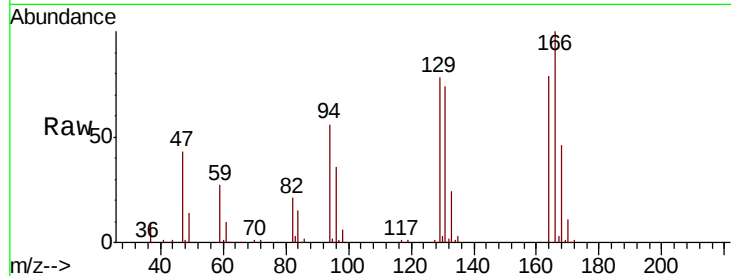
DBEQ8

Tot Ion:129 Resp: 59853

Ion Ratio Lower Upper

129 100

127 1.2 54.9 102.1#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.57

40000

30000

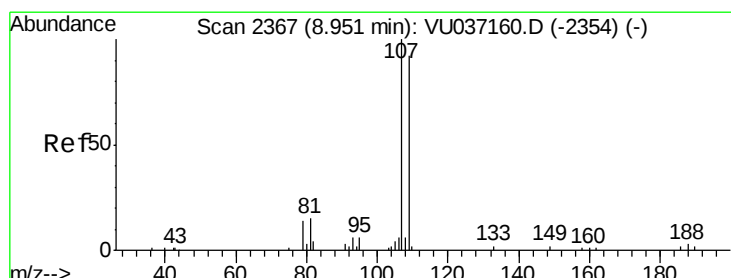
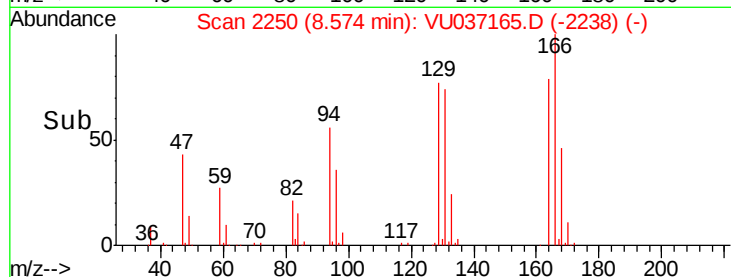
20000

10000

0

8.55 8.60 8.65

Time-->



#50

1,2-Dibromoethane

Concen: 16.294 ug/L

RT: 8.95 min Scan# 2366

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

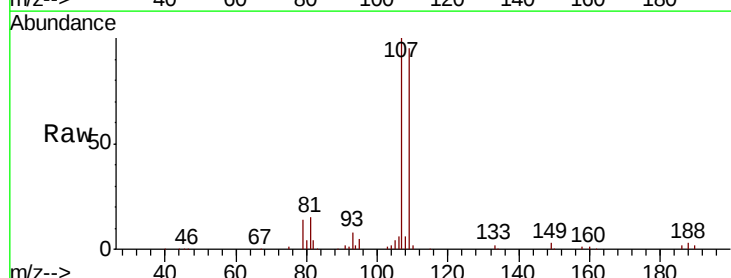
Tgt Ion:107 Resp: 103600

Ion Ratio Lower Upper

107 100

109 94.7 68.2 126.6

188 3.5 2.0 3.0#



Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V

8.95

80000

60000

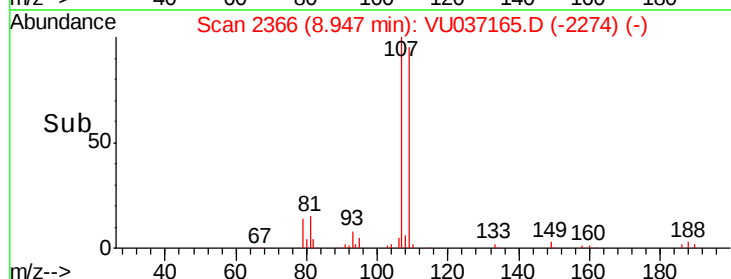
40000

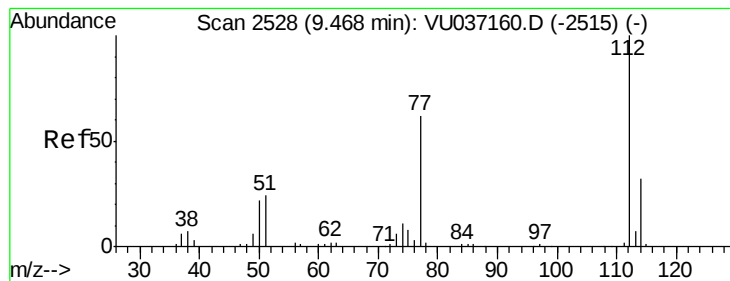
20000

0

8.85 8.90 8.95 9.00 9.05

Time-->





#51

Chlorobenzene

Concen: 10.641 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

DBEQ8

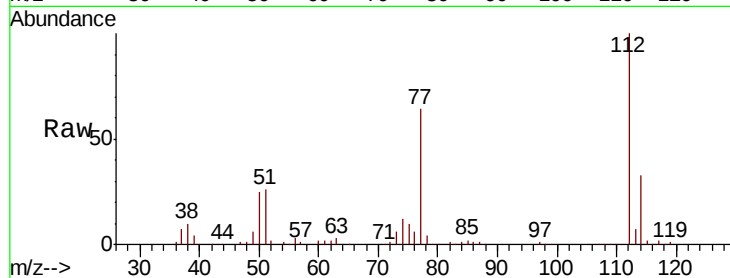
Tot Ion:112 Resp: 259756

Ion Ratio Lower Upper

112 100

114 33.0 22.0 40.8

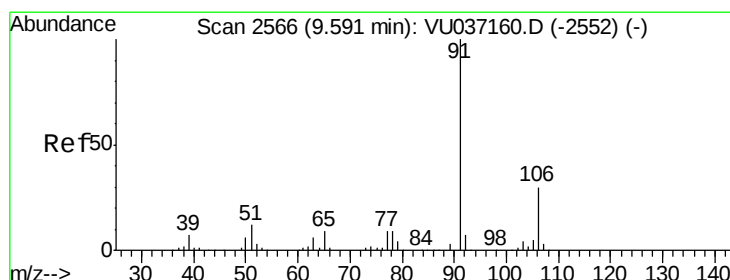
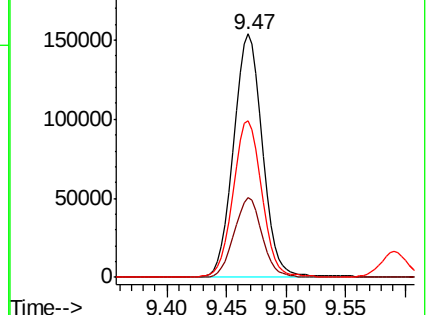
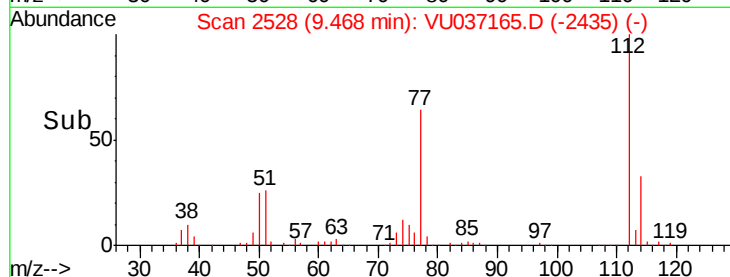
77 64.4 49.4 74.2



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): VU0



#52

Ethylbenzene

Concen: 6.546 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VU037165.D

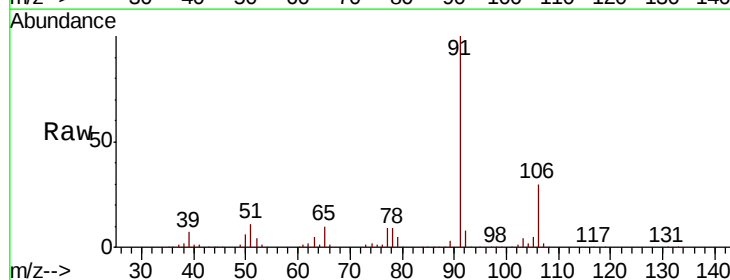
Acq: 11 Mar 2020 14:36

Tgt Ion: 91 Resp: 274430

Ion Ratio Lower Upper

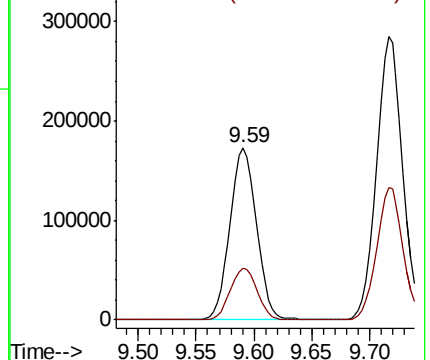
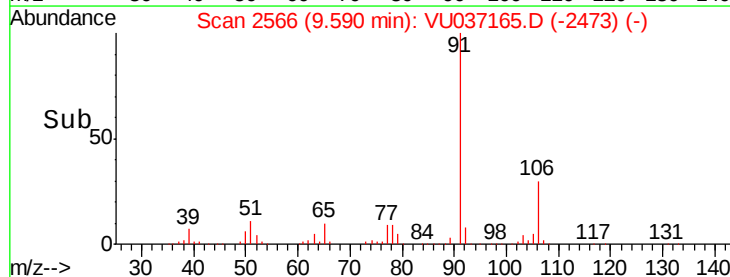
91 100

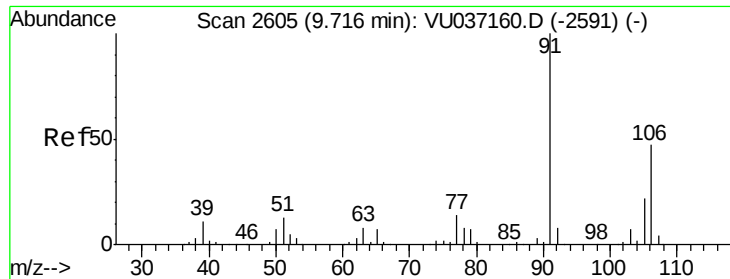
106 30.1 20.4 37.8



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 14.108 ug/L

RT: 9.72 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

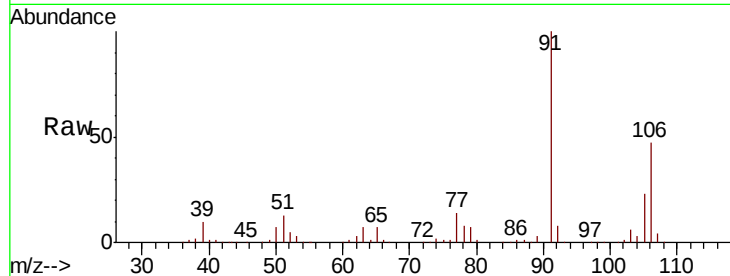
DBEQ8

Tot Ion:106 Resp: 212612

Ion Ratio Lower Upper

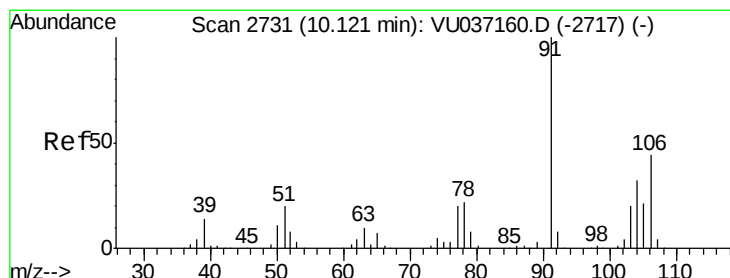
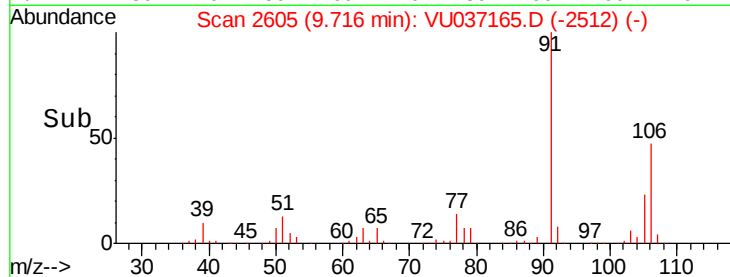
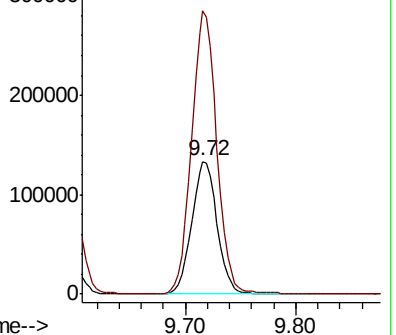
106 100

91 213.2 150.4 279.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 5.670 ug/L

RT: 10.12 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU037165.D

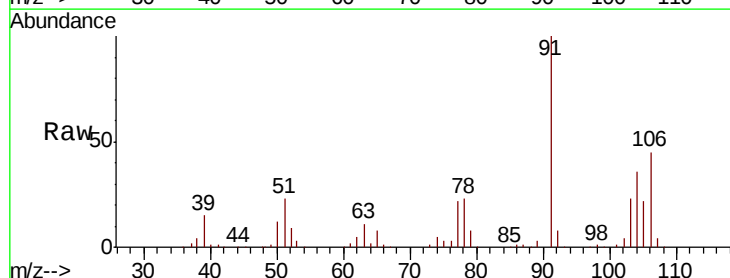
Acq: 11 Mar 2020 14:36

Tgt Ion:106 Resp: 83310

Ion Ratio Lower Upper

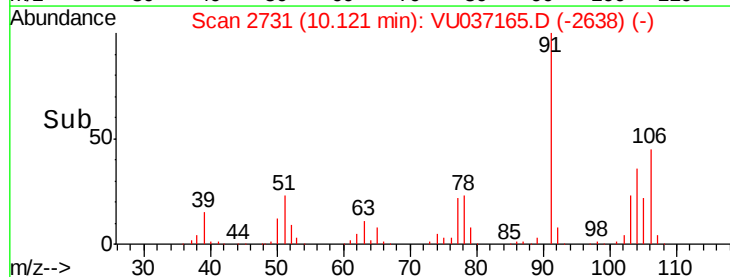
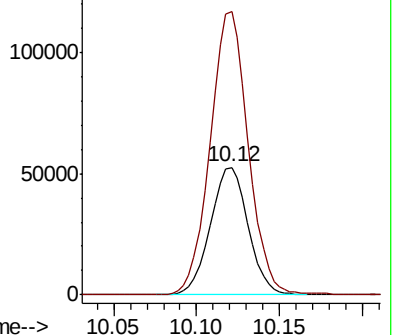
106 100

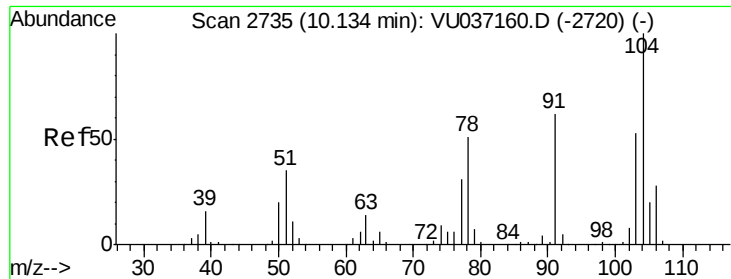
91 222.0 160.6 298.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#55

Stvrene

Concen: 5.717 ug/L

RT: 10.13 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

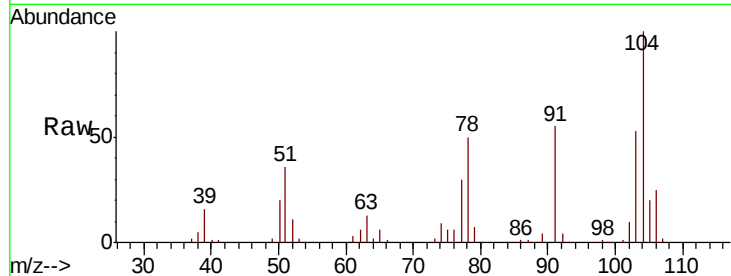
DBEQ8

Tot Ion:104 Resp: 137763

Ion Ratio Lower Upper

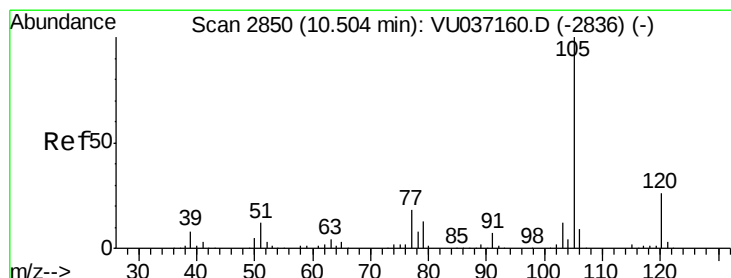
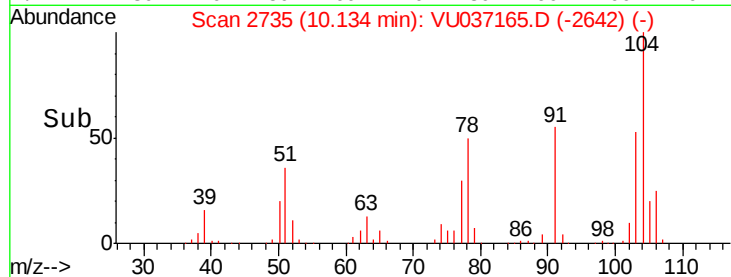
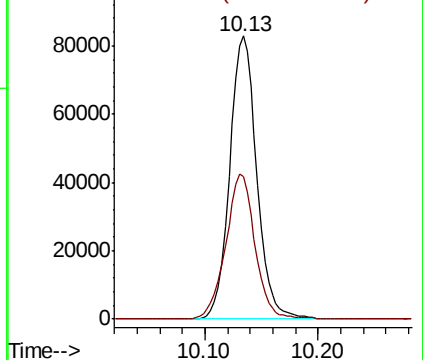
104 100

78 50.2 36.2 67.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0



#56

Isopropylbenzene

Concen: 3.441 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

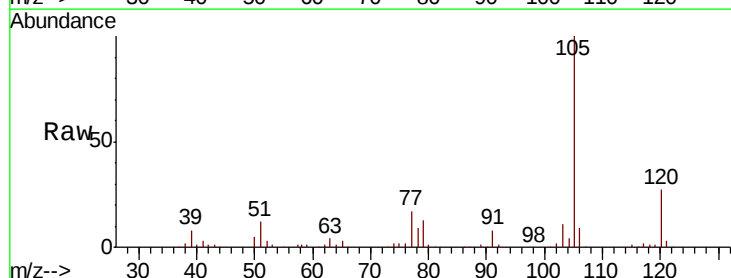
Tgt Ion:105 Resp: 135689

Ion Ratio Lower Upper

105 100

120 26.0 20.5 30.7

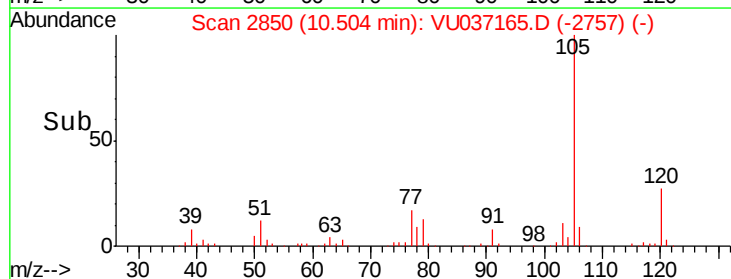
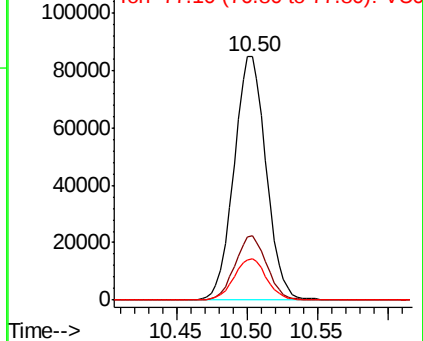
77 17.2 14.2 21.4

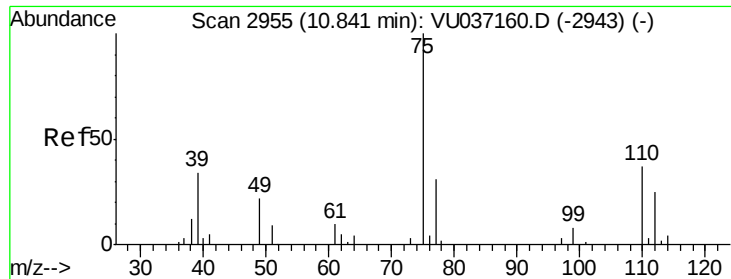


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0





#59

1,2,3-Trichloropropane

Concen: 1.426 ug/L

RT: 10.13 min Scan# 2734

Delta R.T. -0.71 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

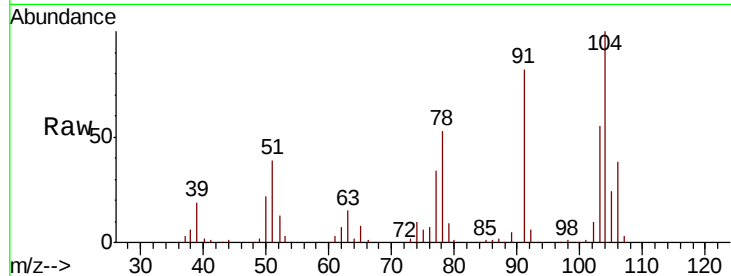
DBEQ8

Tot Ion: 75 Resp: 9484

Ion Ratio Lower Upper

75 100

77 580.3 27.4 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU037160.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU037160.D (-2943) (-)

30000

25000

20000

15000

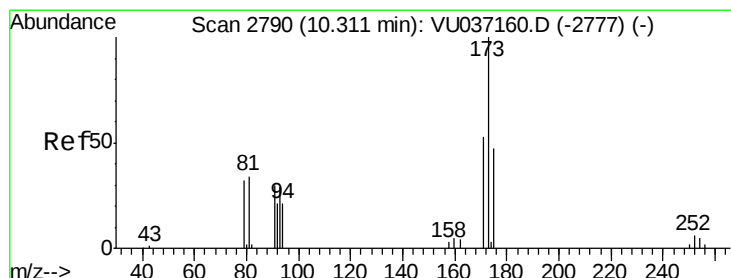
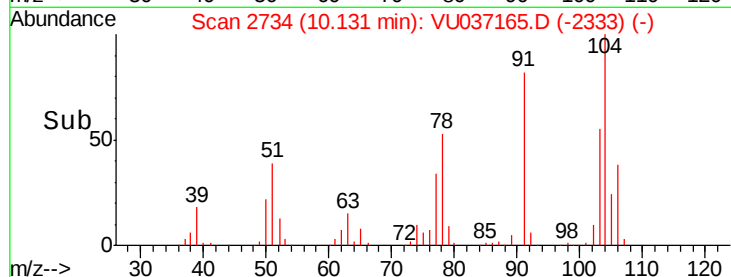
10000

5000

0

10.05 10.10 10.15 10.20

Time-->



#61

Bromoform

Concen: 5.902 ug/L

RT: 10.31 min Scan# 2790

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

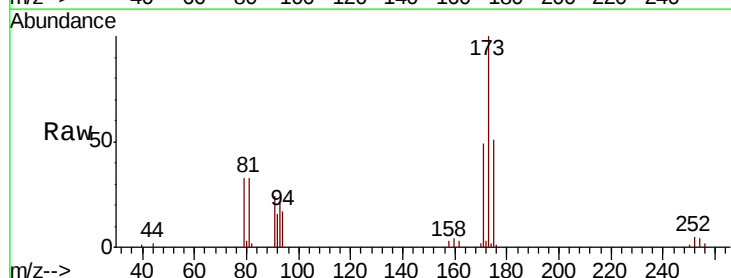
Tgt Ion: 173 Resp: 24326

Ion Ratio Lower Upper

173 100

175 47.6 37.4 56.2

254 4.8 3.5 5.3



Abundance Ion 172.90 (172.60 to 173.60): VU037160.D (-2777) (-)

Ion 174.90 (174.60 to 175.60): VU037160.D (-2777) (-)

Ion 253.75 (253.45 to 254.45): VU037160.D (-2777) (-)

20000

15000

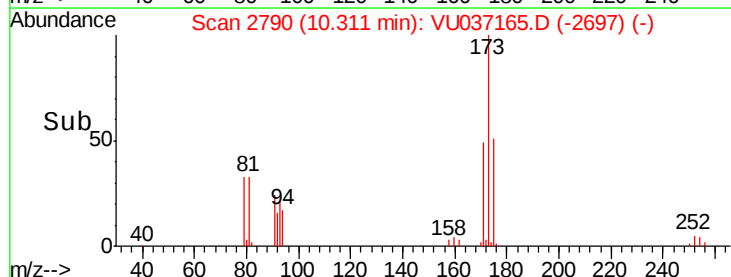
10000

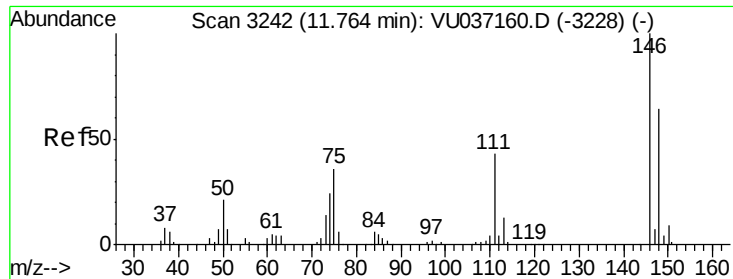
5000

0

10.25 10.30 10.35

Time-->





#62

1,3-Dichlorobenzene

Concen: 4.223 ug/L

RT: 11.85 min Scan# 3270

Delta R.T. 0.09 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

DBEQ8

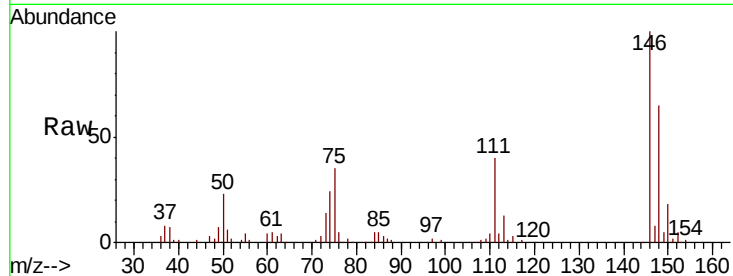
Tot Ion:146 Resp: 74743

Ion Ratio Lower Upper

146 100

111 40.3 30.6 56.8

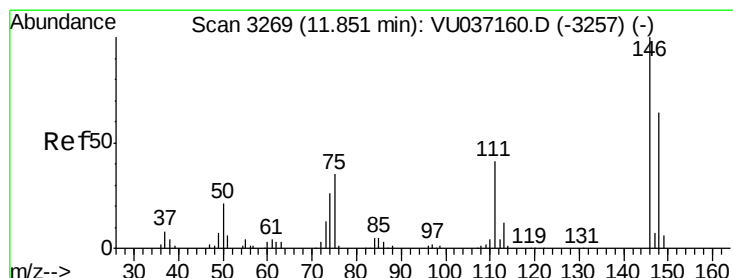
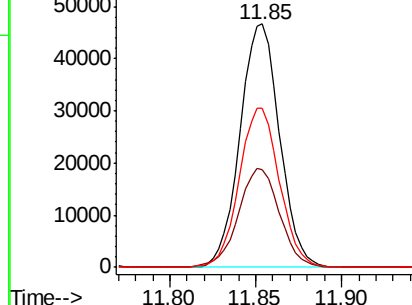
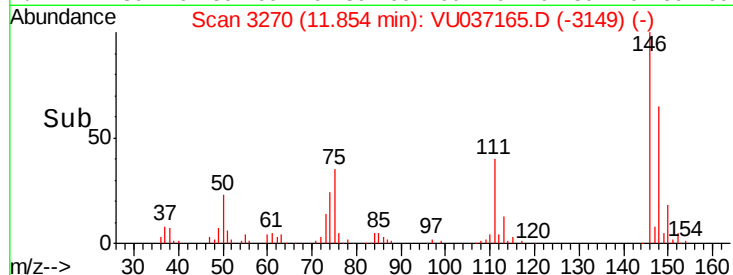
148 65.3 46.2 85.8



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: 4.252 ug/L

RT: 11.85 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

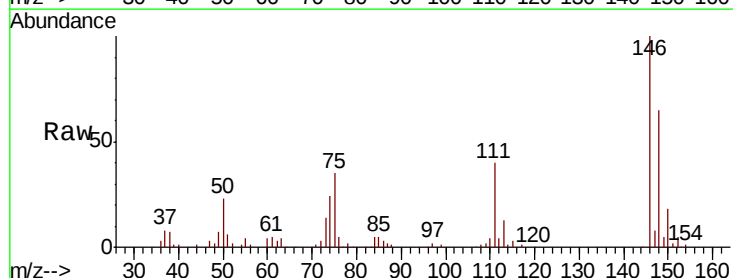
Tgt Ion:146 Resp: 74743

Ion Ratio Lower Upper

146 100

111 40.3 28.4 52.8

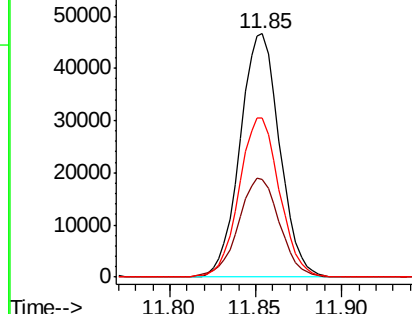
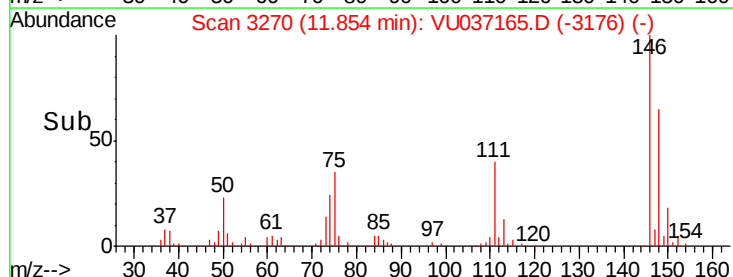
148 65.3 44.9 83.5

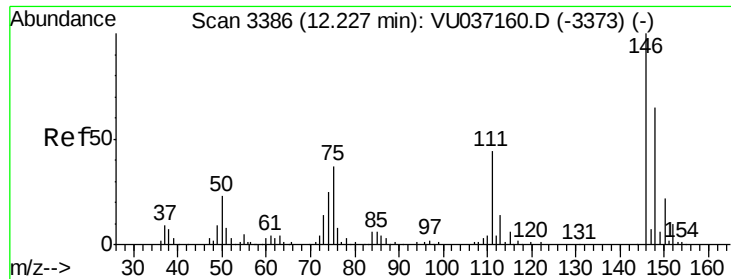


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 12.317 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

DBEQ8

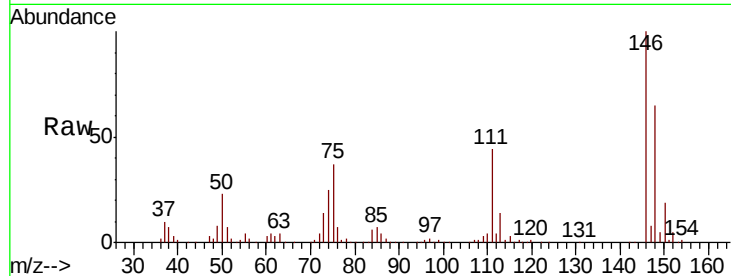
Tot Ion:146 Resp: 206692

Ion Ratio Lower Upper

146 100

111 44.5 35.5 53.3

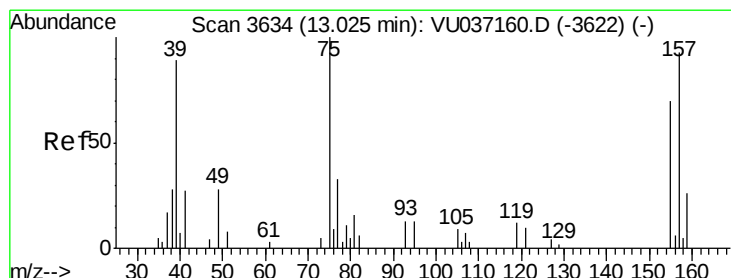
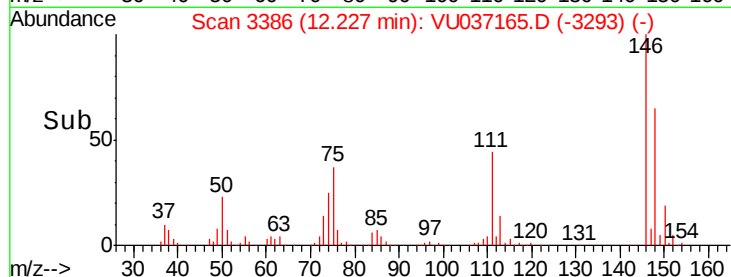
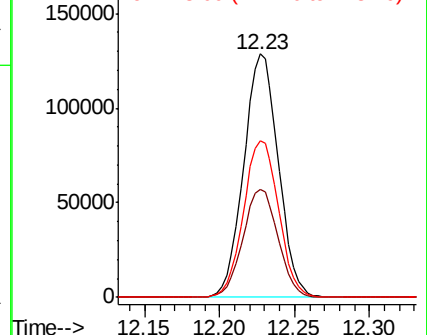
148 64.5 51.4 77.2



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: 4.492 ug/L

RT: 13.02 min Scan# 3633

Delta R.T. -0.00 min

Lab File: VU037165.D

Acq: 11 Mar 2020 14:36

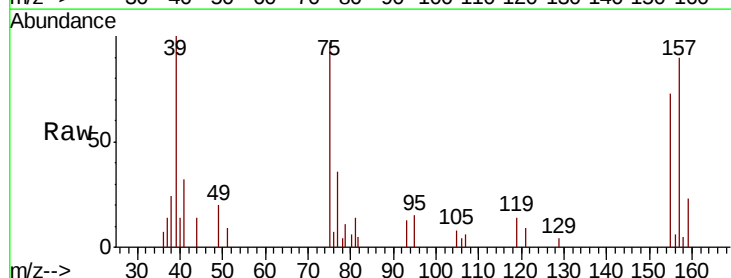
Tgt Ion: 75 Resp: 5788

Ion Ratio Lower Upper

75 100

155 74.6 55.5 83.3

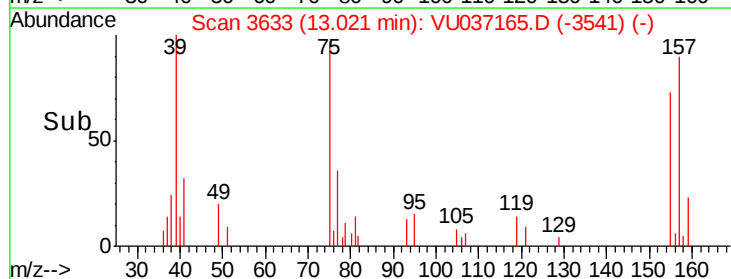
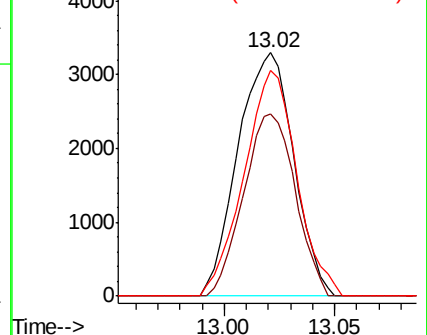
157 92.9 73.1 109.7

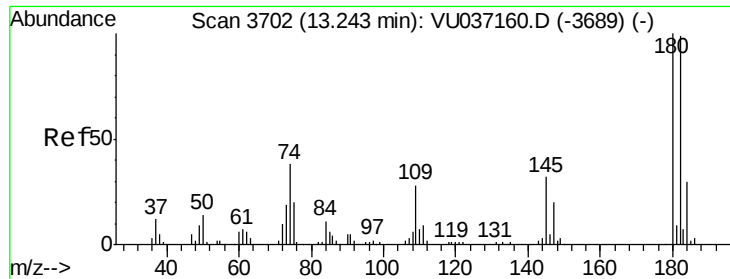


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

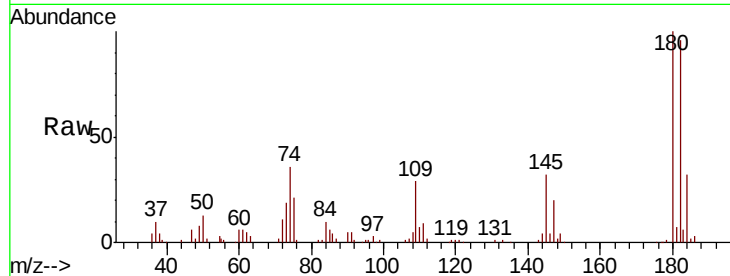




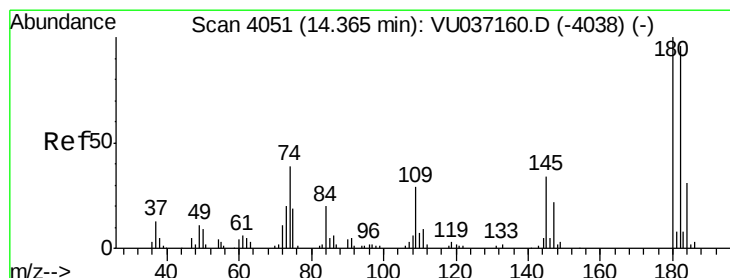
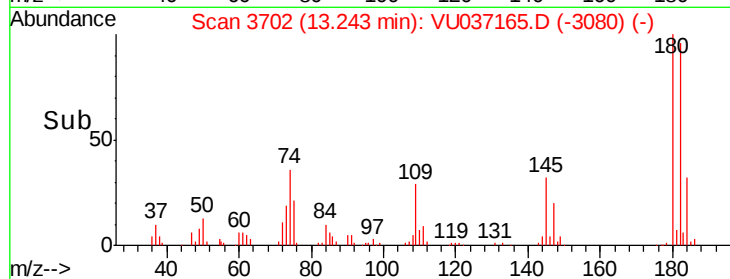
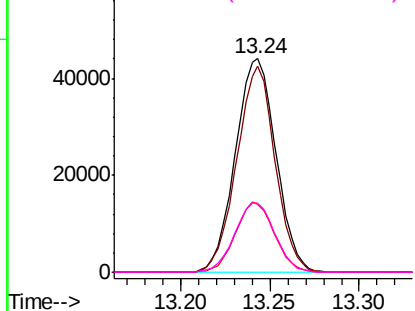
#67
 1,3,5-Trichlorobenzene
 Concen: 5.774 ug/L
 RT: 13.24 min Scan# 3702
 Delta R.T. -0.00 min
 Lab File: VU037165.D
 Acq: 11 Mar 2020 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEQ8

Tot Ion:180 Resp: 69964
 Ion Ratio Lower Upper
 180 100
 182 91.2 73.6 110.4
 184 31.4 24.1 36.1
 145 32.1 26.3 39.5

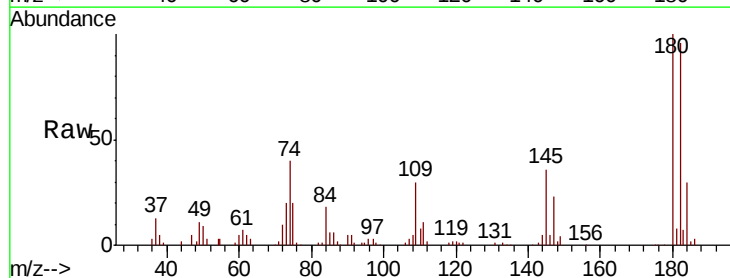


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 10.825 ug/L
 RT: 14.36 min Scan# 4050
 Delta R.T. -0.00 min
 Lab File: VU037165.D
 Acq: 11 Mar 2020 14:36

Tgt Ion:180 Resp: 83465
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.0 115.6
 145 34.6 28.2 42.4



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

