

Data File : VU036845.D
Acq On : 19 Feb 2020 13:21
Operator : JC/MD
Sample : L1580-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDJ1

Quant Time: Feb 20 04:48:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 20 04:46:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	119124	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	115106	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48667	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	45585	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.93	69	42743	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.59	63	76063	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	4.67	46	105380	49.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.10%
24) Chloroform-d	5.11	84	76256	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	43109	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.76	84	168834	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.73	67	52208	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.93	98	149597	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.20	79	18357	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.66	63	88965	45.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.24%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40724	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	46490	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Qvalue
3) Chloromethane	1.54	50	40431	4.938	ug/L 100
6) Bromomethane	1.87	94	20935	3.643	ug/L 94
9) Trichlorofluoromethane	2.16	101	97179	7.723	ug/L 99
12) 1,1-Dichloroethene	2.60	96	27742	3.829	ug/L 87
13) Acetone	2.66	43	118777	43.237	ug/L 98
14) Carbon disulfide	2.82	76	130852	7.483	ug/L 100
16) Methylene chloride	3.08	84	24978	2.045	ug/L 98
17) Methyl tert-butyl Ether	3.40	73	174617	8.136	ug/L 99
19) 1,1-Dichloroethane	3.91	63	144929	9.243	ug/L 97
21) 2-Butanone	4.75	43	279182	87.364	ug/L 99
27) 1,2-Dichloroethane	5.83	62	75991	7.119	ug/L 99
29) 1,1,1-Trichloroethane	5.36	97	106054	8.389	ug/L 99
30) Cyclohexane	5.42	56	167875	12.501	ug/L 98
31) Carbon tetrachloride	5.36	117	14087	1.381	ug/L 98
34) Trichloroethene	6.57	95	47053	5.203	ug/L 96
35) Methylcyclohexane	6.79	83	99709	6.949	ug/L 98
37) 1,2-Dichloropropane	6.83	63	21515	2.219	ug/L 99

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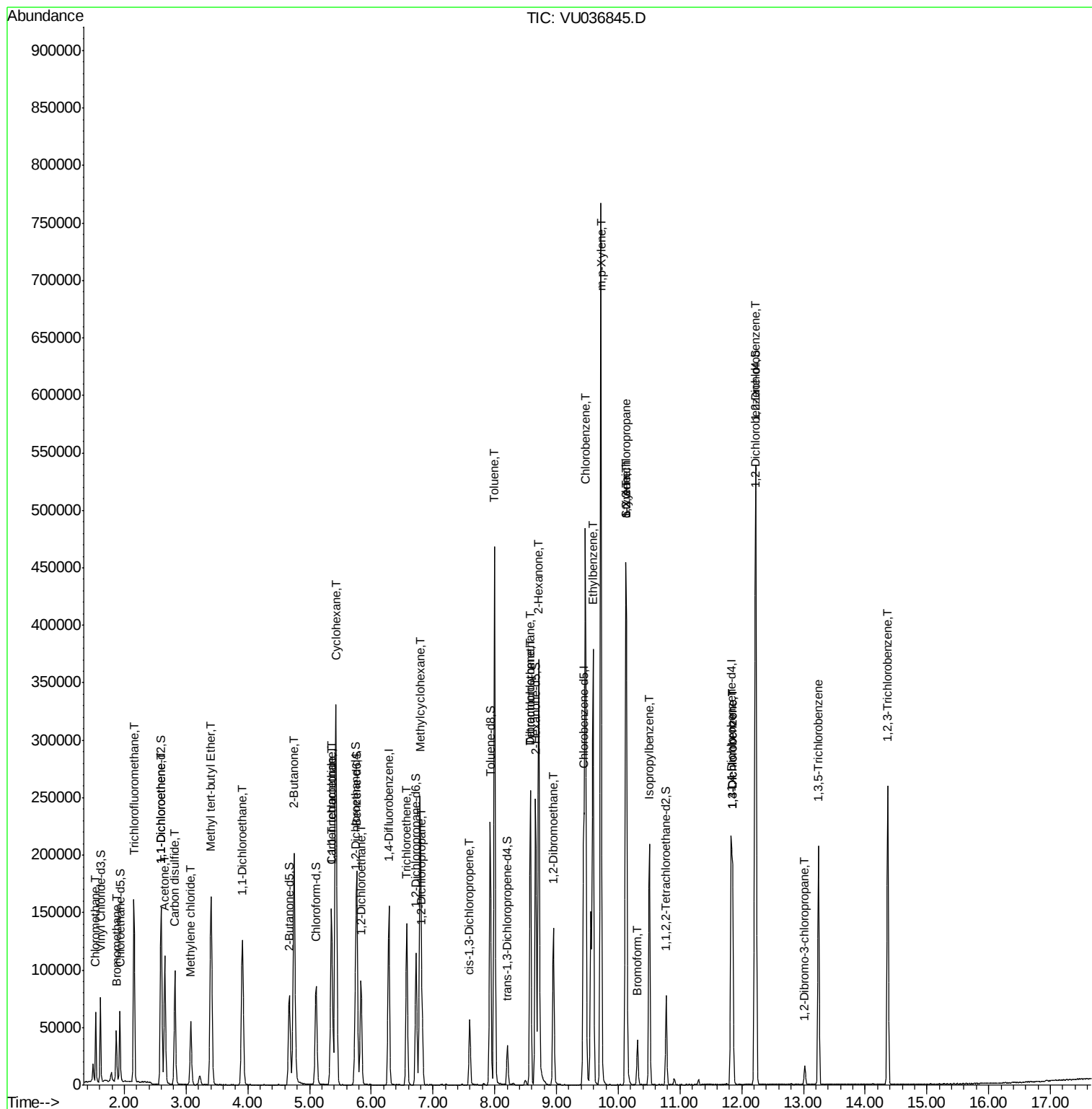
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) cis-1,3-Dichloropropene	7.60	75	1235	0.088	ug/L	83
42) Toluene	8.00	91	327403	8.586	ug/L	97
47) Tetrachloroethene	8.58	164	50882	8.272	ug/L	95
48) 2-Hexanone	8.71	43	233403	43.599	ug/L	98
49) Dibromochloromethane	8.58	129	51522	7.387	ug/L #	9
50) 1,2-Dibromoethane	8.95	107	91749	15.062	ug/L	98
51) Chlorobenzene	9.47	112	242045	10.261	ug/L	99
52) Ethylbenzene	9.59	91	261121	6.131	ug/L	100
53) m,p-Xylene	9.72	106	198189	12.645	ug/L	92
54) o-Xylene	10.12	106	79092	5.139	ug/L	95
55) Styrene	10.13	104	129416	4.988	ug/L	100
56) Isopropylbenzene	10.50	105	127859	3.104	ug/L	99
59) 1,2,3-Trichloropropane	10.13	75	6959	1.087	ug/L #	1
61) Bromoform	10.31	173	16728	4.989	ug/L	97
62) 1,3-Dichlorobenzene	11.85	146	68047	4.058	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	68047	4.094	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	182765	11.306	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	4290	3.556	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	57650	4.884	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	72378	9.060	ug/L	98

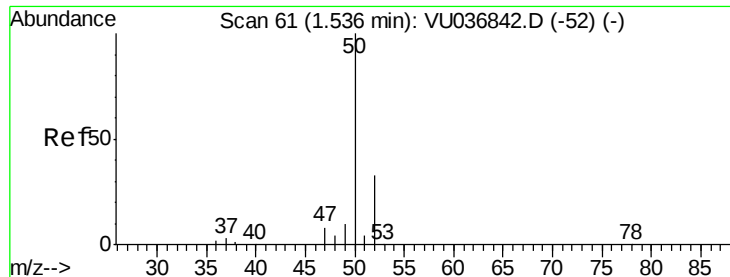
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 4.938 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampled :

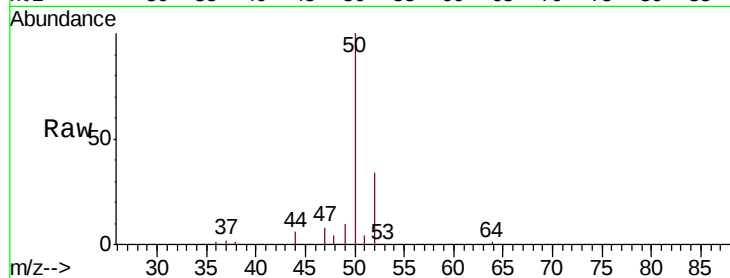
DBDJ1

Tgt Ion: 50 Resp: 40431

Ion Ratio Lower Upper

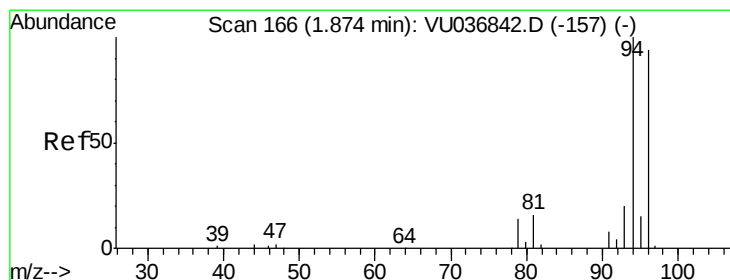
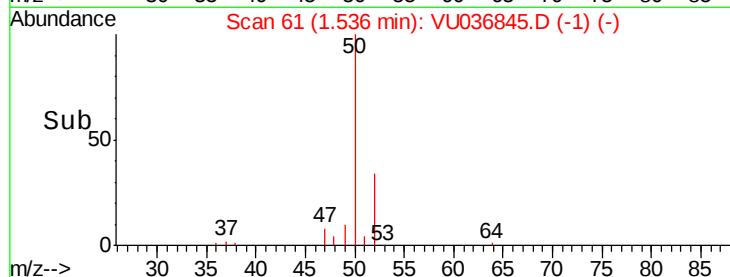
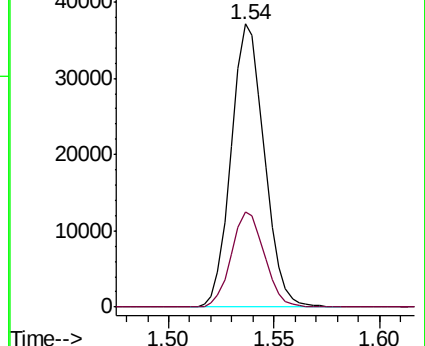
50 100

52 33.8 23.8 44.2



Abundance Ion 50.05 (49.75 to 50.75): VU036842.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU036842.D (-52) (-)



#6

Bromomethane

Concen: 3.643 ug/L

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU036845.D

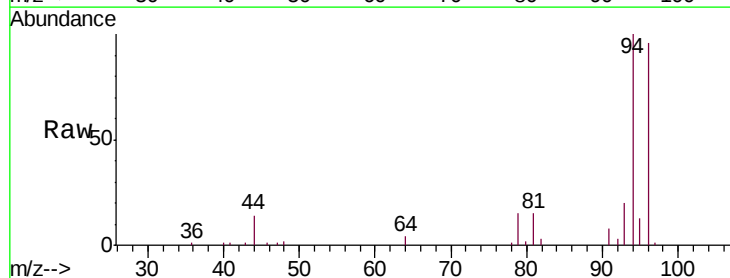
Acq: 19 Feb 2020 13:21

Tgt Ion: 94 Resp: 20935

Ion Ratio Lower Upper

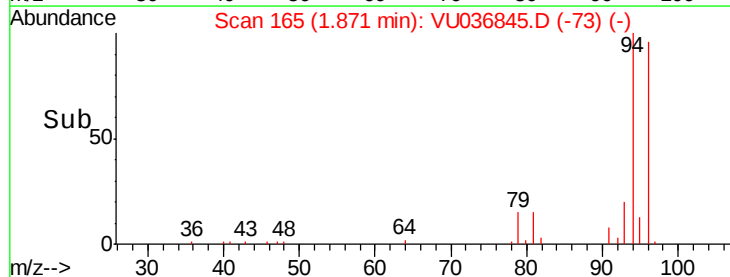
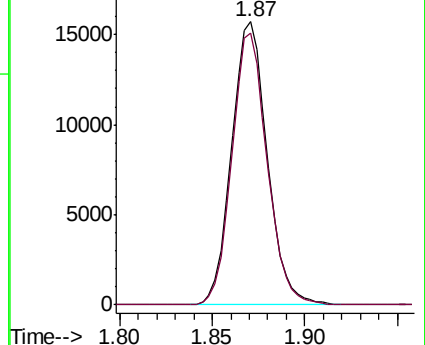
94 100

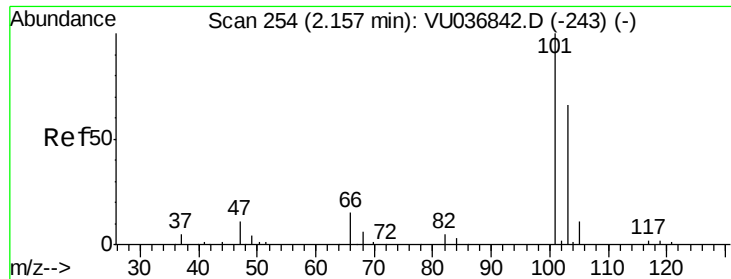
96 96.2 63.3 117.7



Abundance Ion 94.00 (93.70 to 94.70): VU036842.D (-157) (-)

Ion 96.00 (95.70 to 96.70): VU036842.D (-157) (-)



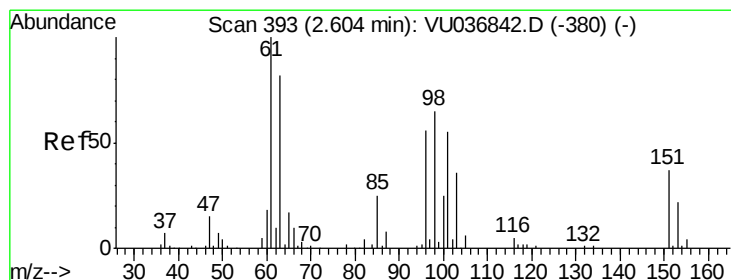
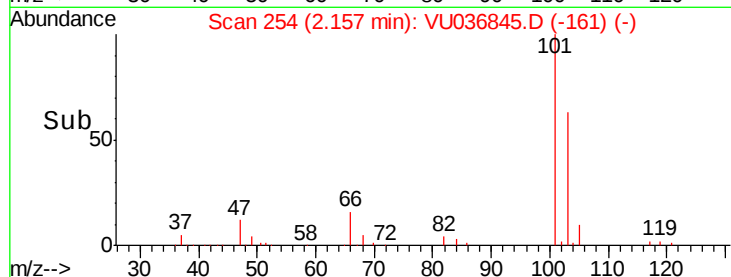
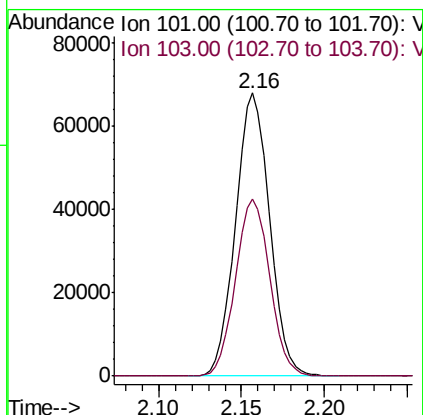
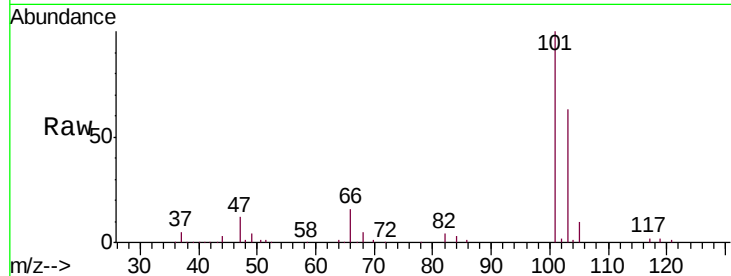


#9

Trichlorofluoromethane
 Concen: 7.723 ug/L
 RT: 2.16 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ1

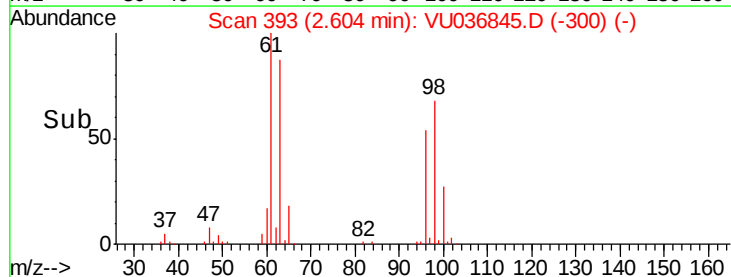
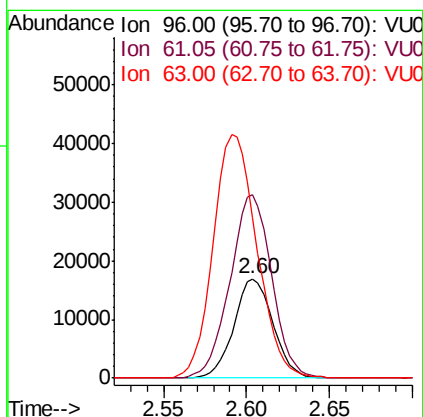
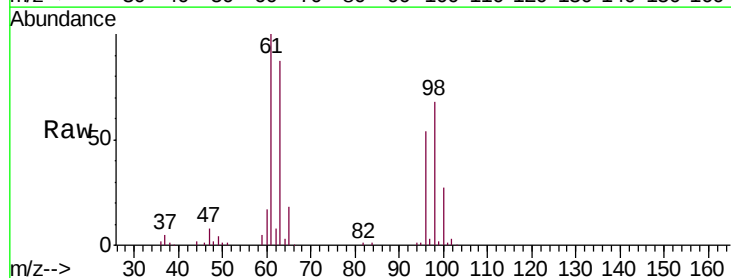
Tgt Ion: 101 Resp: 97179
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.0 76.6

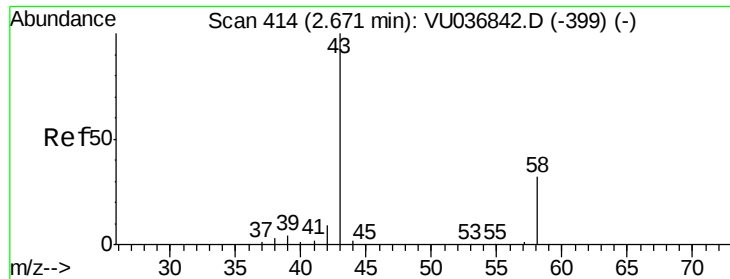


#12

1,1-Dichloroethene
 Concen: 3.829 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

Tgt Ion: 96 Resp: 27742
 Ion Ratio Lower Upper
 96 100
 61 184.0 126.4 234.8
 63 160.8 89.5 166.3





#13

Acetone

Concen: 43.237 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

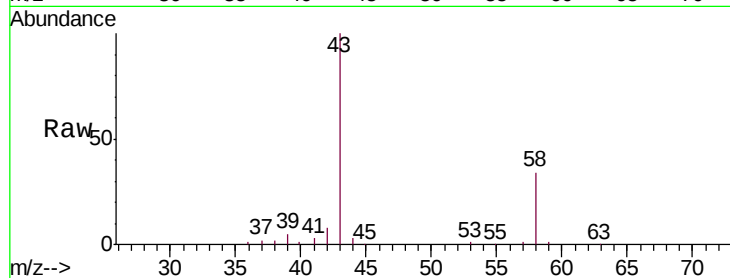
DBDJ1

Tgt Ion: 43 Resp: 118777

Ion Ratio Lower Upper

43 100

58 33.2 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036842.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU036842.D (-399) (-)

2.66

80000

60000

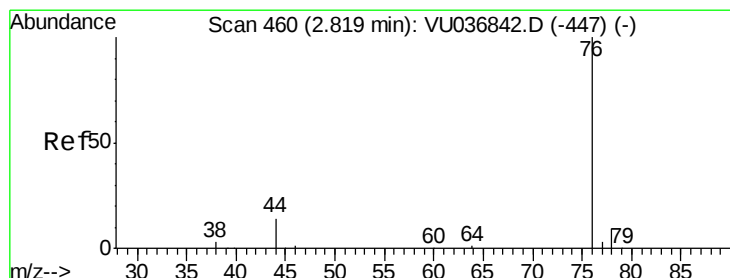
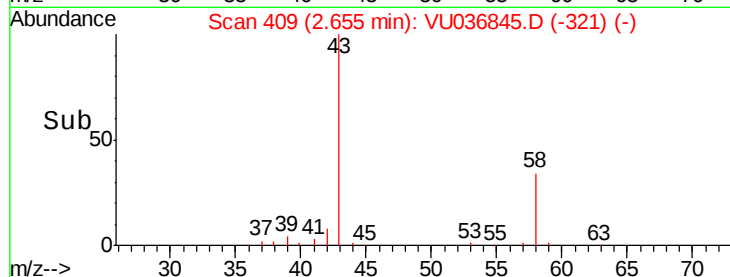
40000

20000

0

Time-->

2.60 2.70



#14

Carbon disulfide

Concen: 7.483 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU036845.D

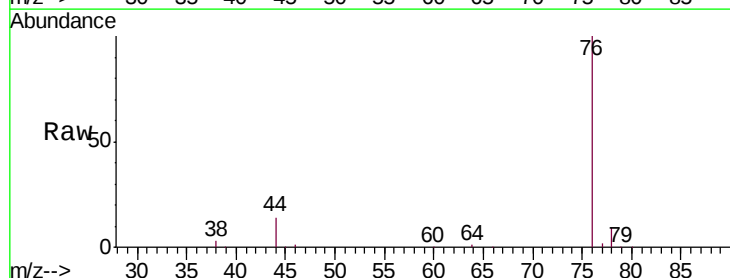
Acq: 19 Feb 2020 13:21

Tgt Ion: 76 Resp: 130852

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU036842.D (-447) (-)

Ion 78.00 (77.70 to 78.70): VU036842.D (-447) (-)

2.82

80000

60000

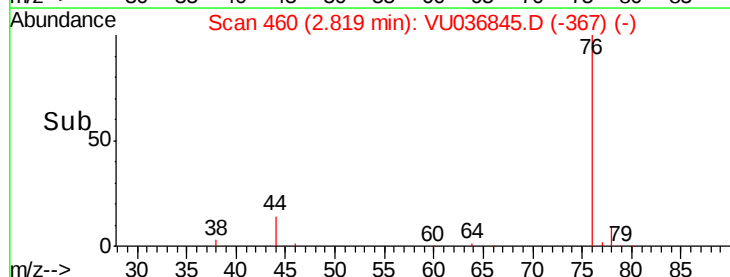
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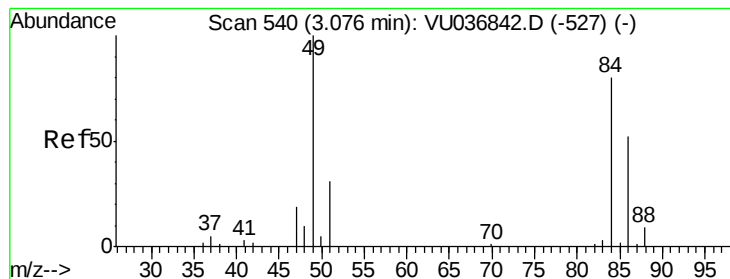
20000

0

Time-->

2.80 2.90





#16

Methylene chloride

Concen: 2.045 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

DBDJ1

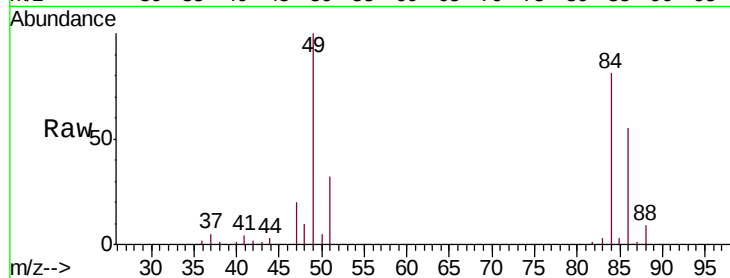
Tgt Ion: 84 Resp: 24978

Ion Ratio Lower Upper

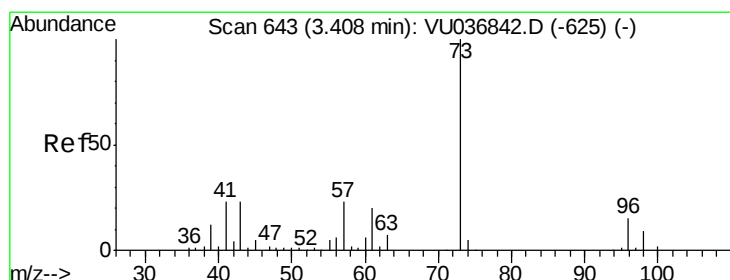
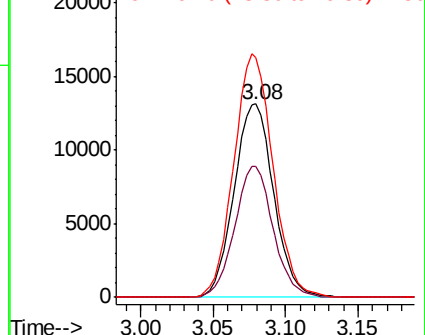
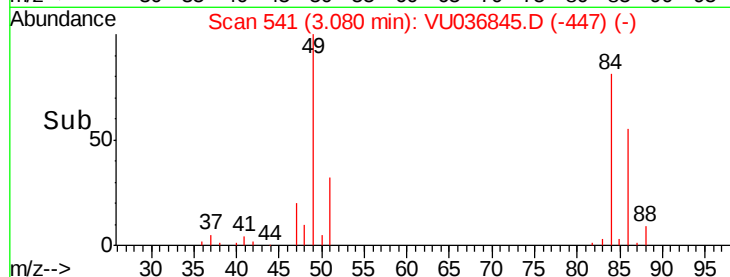
84 100

86 67.6 44.7 82.9

49 124.0 86.7 160.9



Abundance Ion 84.05 (83.75 to 84.75): VU036845.D (-547) (-)



#17

Methyl tert-butyl Ether

Concen: 8.136 ug/L

RT: 3.40 min Scan# 642

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

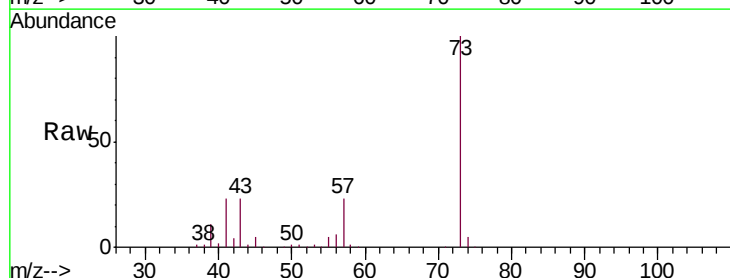
Tgt Ion: 73 Resp: 174617

Ion Ratio Lower Upper

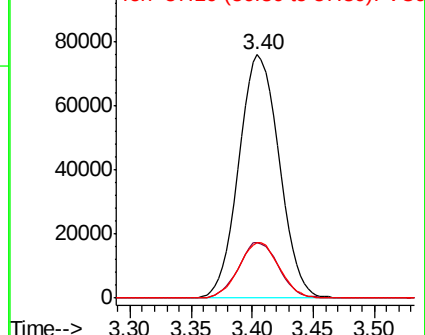
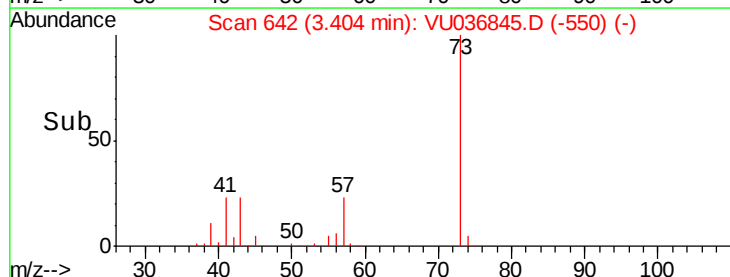
73 100

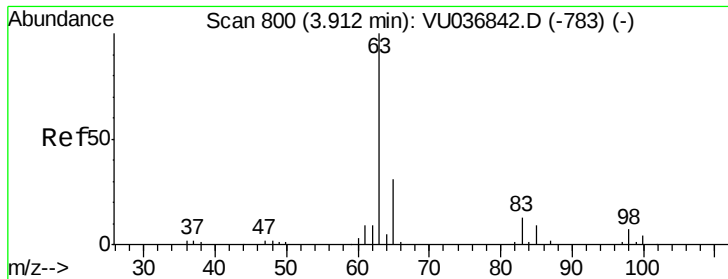
43 23.0 18.7 28.1

57 22.7 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU036845.D (-550) (-)

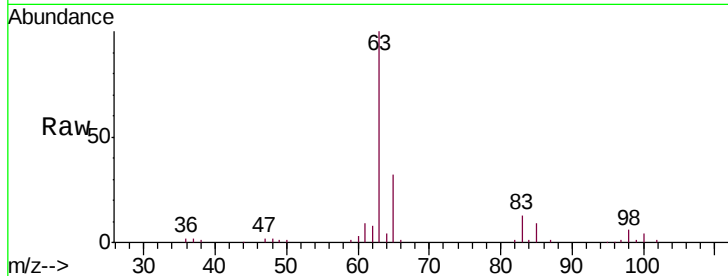




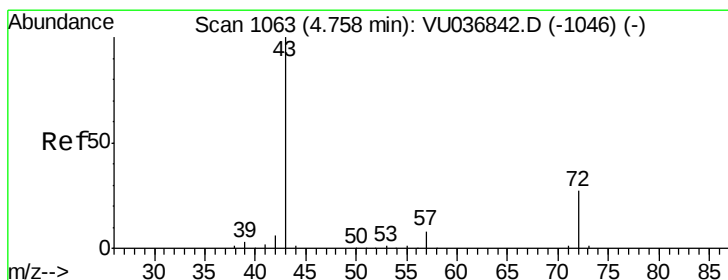
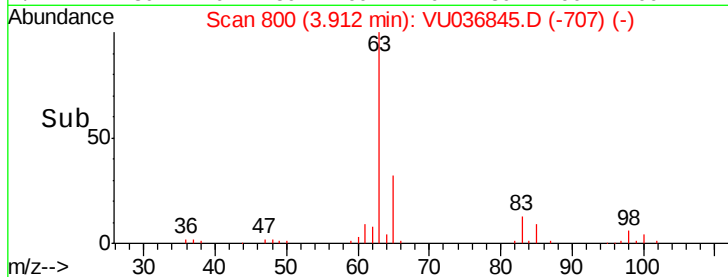
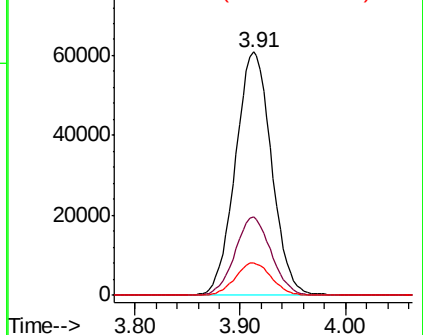
#19
 1,1-Dichloroethane
 Concen: 9.243 ug/L
 RT: 3.91 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

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 ClientSampleId :
 DBDJ1

Tgt Ion: 63 Resp: 144929
 Ion Ratio Lower Upper
 63 100
 65 32.5 21.6 40.2
 83 13.3 8.8 16.3

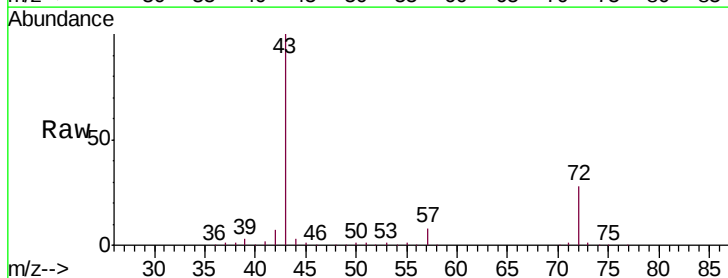


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

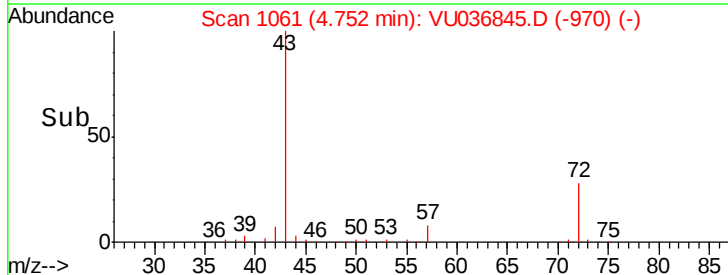
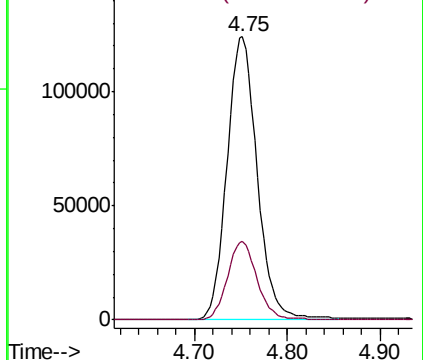


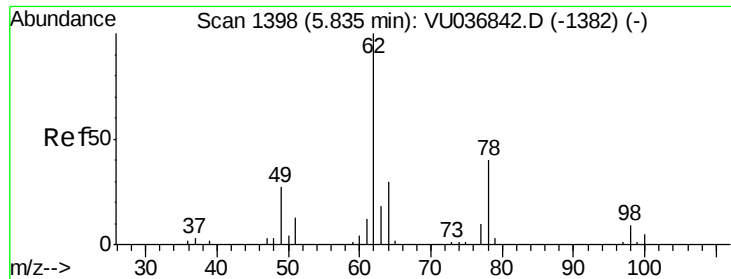
#21
 2-Butanone
 Concen: 87.364 ug/L
 RT: 4.75 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

Tgt Ion: 43 Resp: 279182
 Ion Ratio Lower Upper
 43 100
 72 27.5 14.0 41.9



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0

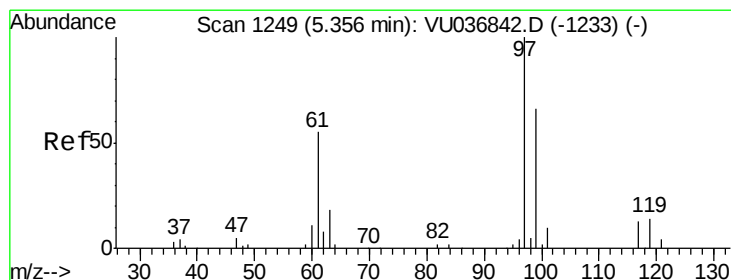
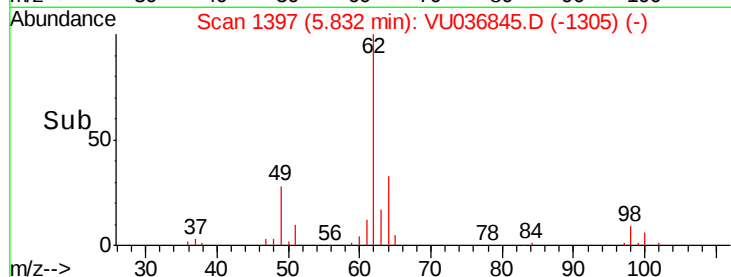
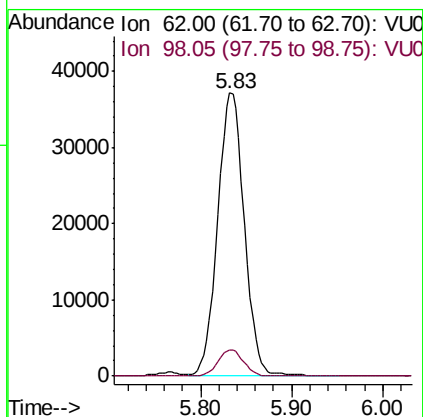
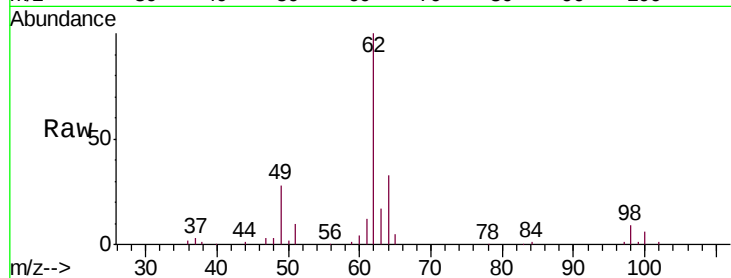




#27
 1,2-Dichloroethane
 Concen: 7.119 ug/L
 RT: 5.83 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

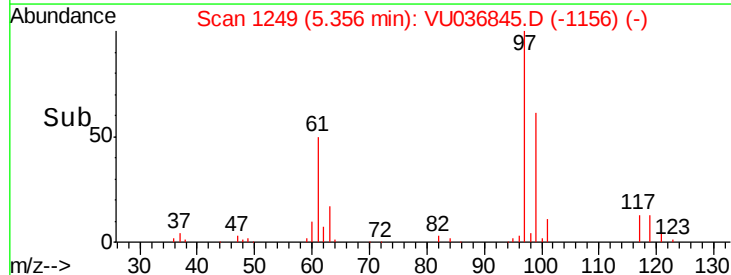
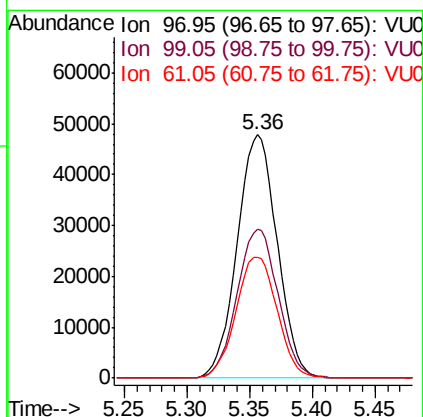
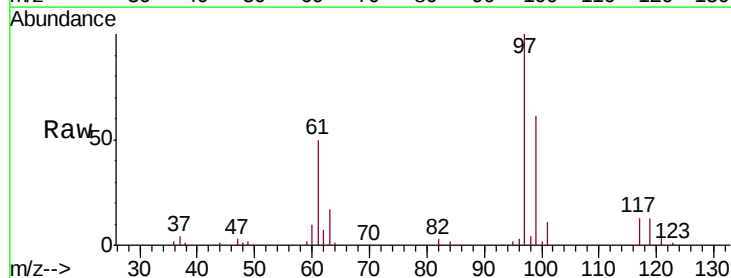
Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ1

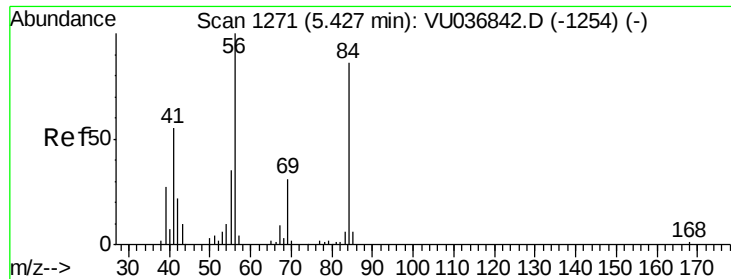
Tgt Ion: 62 Resp: 75991
 Ion Ratio Lower Upper
 62 100
 98 9.2 7.0 10.4



#29
 1,1,1-Trichloroethane
 Concen: 8.389 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

Tgt Ion: 97 Resp: 106054
 Ion Ratio Lower Upper
 97 100
 99 63.1 51.0 76.4
 61 51.5 41.6 62.4

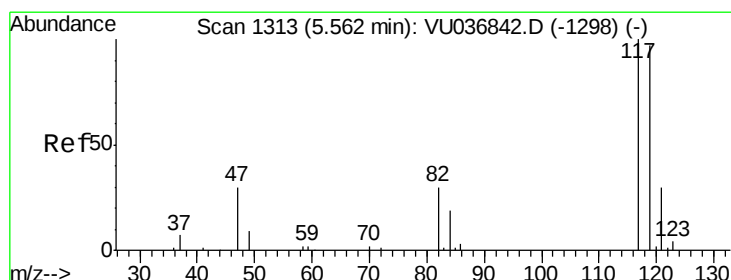
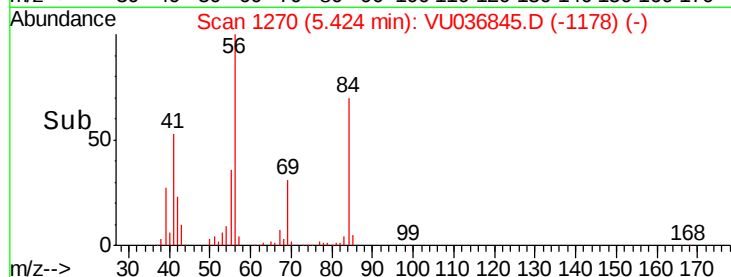
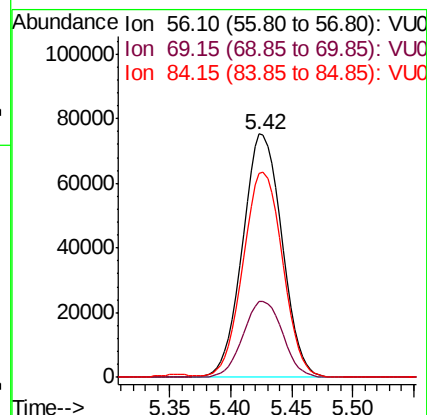
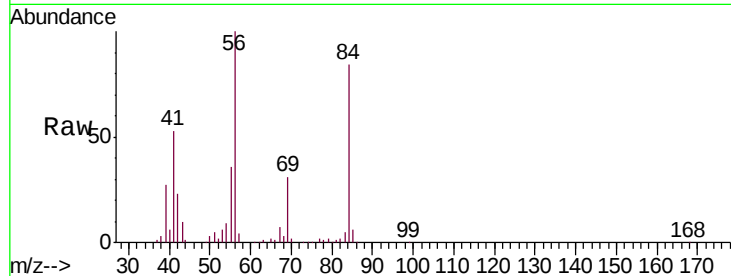




#30
Cyclohexane
Concen: 12.501 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

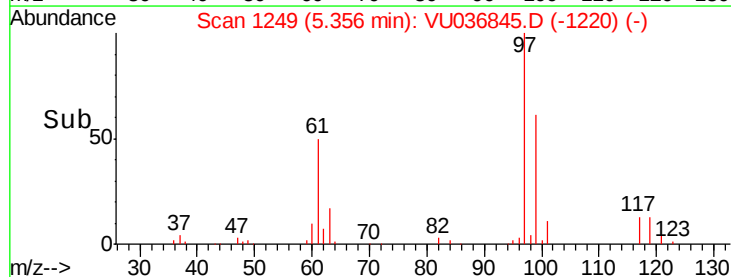
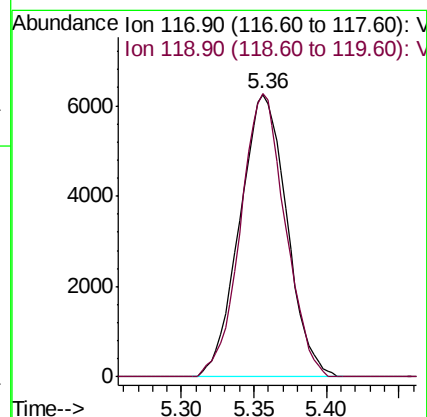
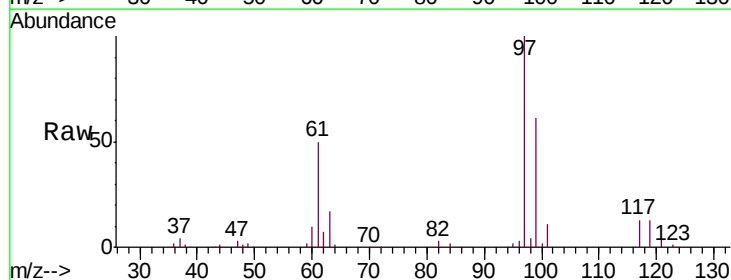
Instrument :
MSVOA_U
ClientSampleId :
DBDJ1

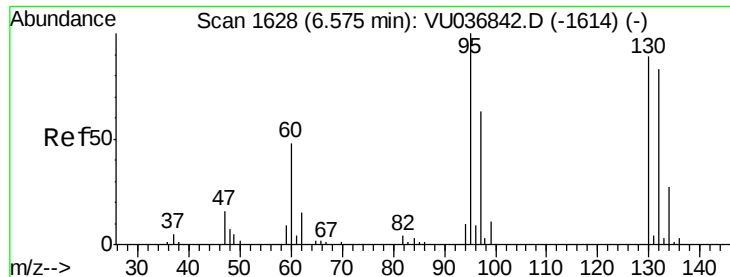
Tgt Ion: 56 Resp: 167875
Ion Ratio Lower Upper
56 100
69 31.4 24.6 37.0
84 85.2 70.0 105.0



#31
Carbon tetrachloride
Concen: 1.381 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. -0.21 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

Tgt Ion: 117 Resp: 14087
Ion Ratio Lower Upper
117 100
119 95.3 74.5 111.7

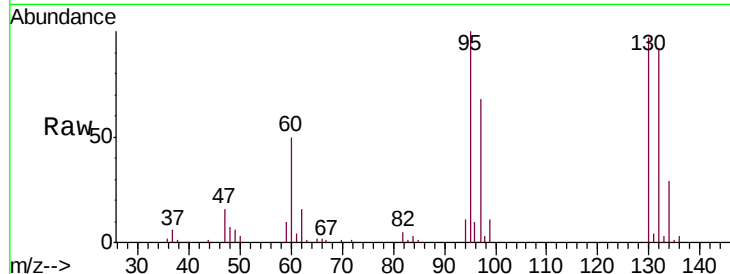




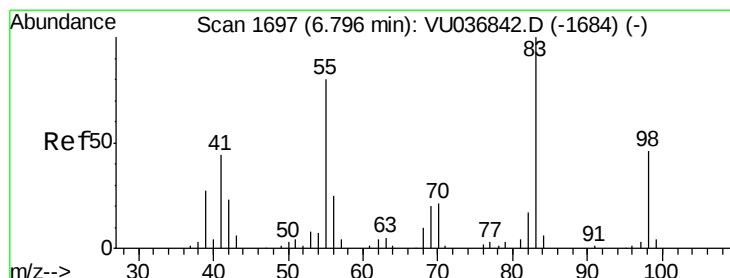
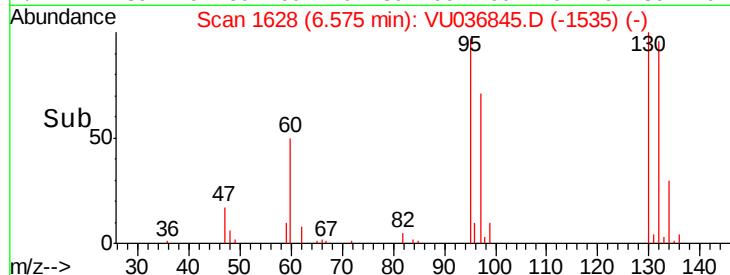
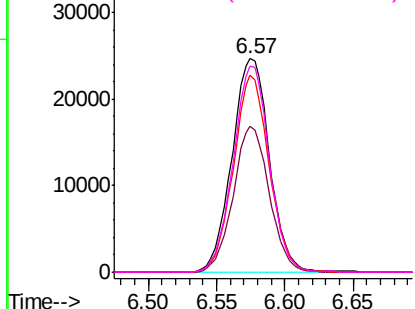
#34
 Trichloroethene
 Concen: 5.203 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ1

Tgt Ion:	95	Resp:	47053
Ion	Ratio	Lower	Upper
95	100		
97	68.3	45.6	84.8
132	92.3	62.8	116.6
130	96.6	63.8	118.4

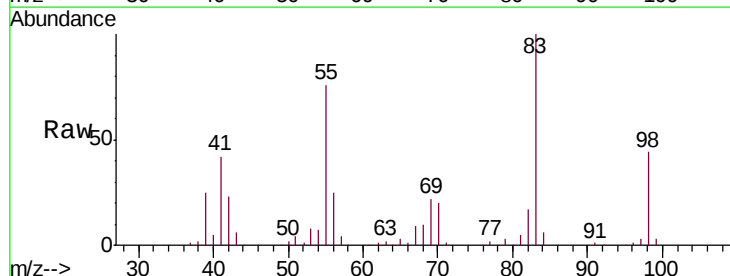


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

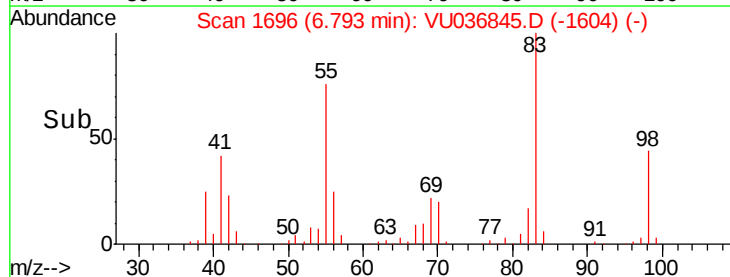
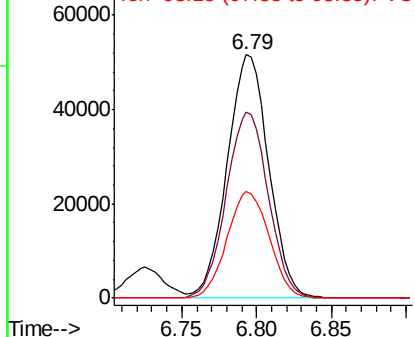


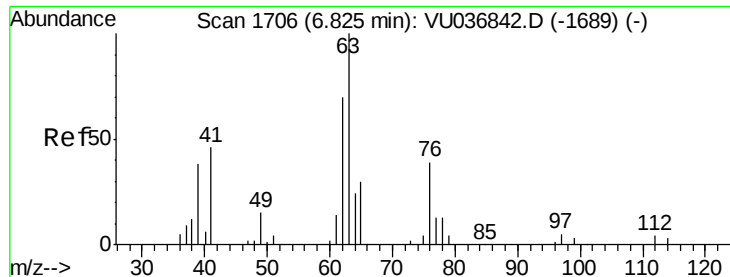
#35
 Methylcyclohexane
 Concen: 6.949 ug/L
 RT: 6.79 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

Tgt Ion:	83	Resp:	99709
Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.0	91.4
98	44.6	34.2	51.4



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

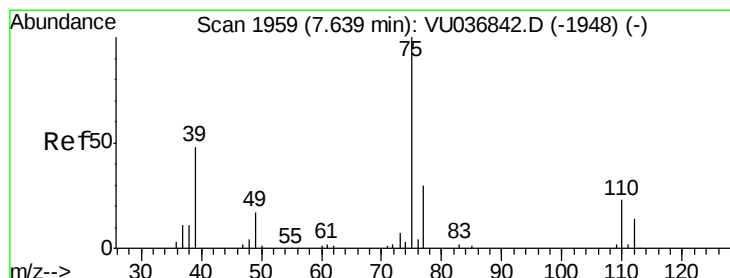
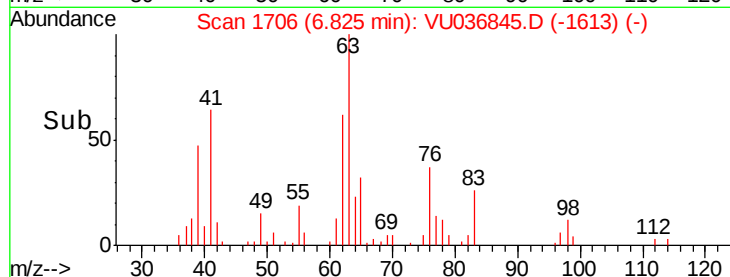
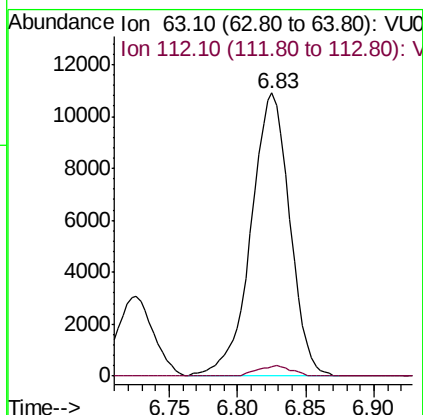
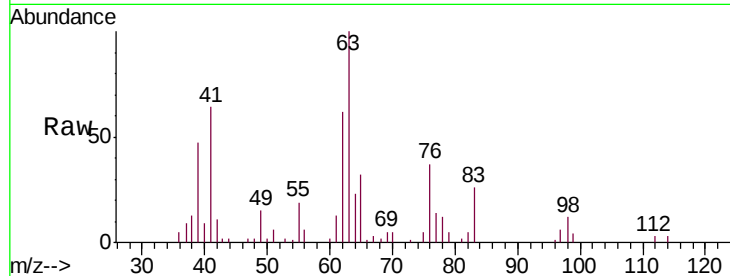




#37
 1,2-Dichloropropane
 Concen: 2.219 ug/L
 RT: 6.83 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

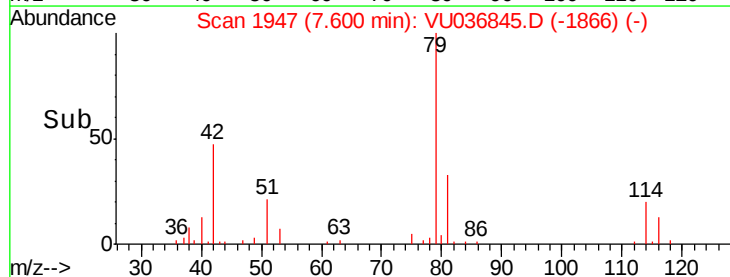
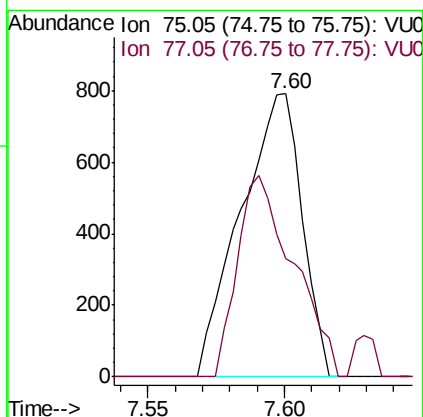
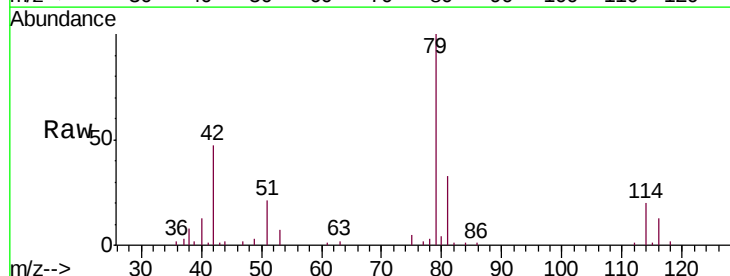
Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ1

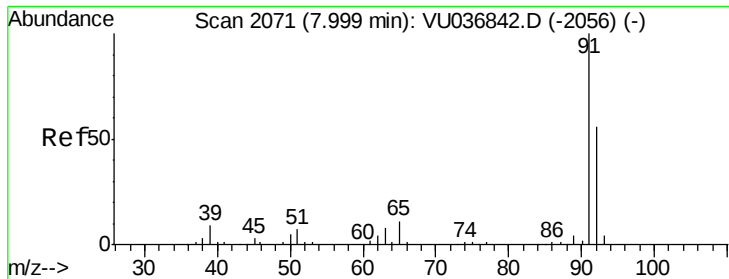
Tgt Ion: 63 Resp: 21515
 Ion Ratio Lower Upper
 63 100
 112 3.2 3.0 4.4



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

Tgt Ion: 75 Resp: 1235
 Ion Ratio Lower Upper
 75 100
 77 41.7 22.5 41.9





#42

Toluene

Concen: 8.586 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampled :

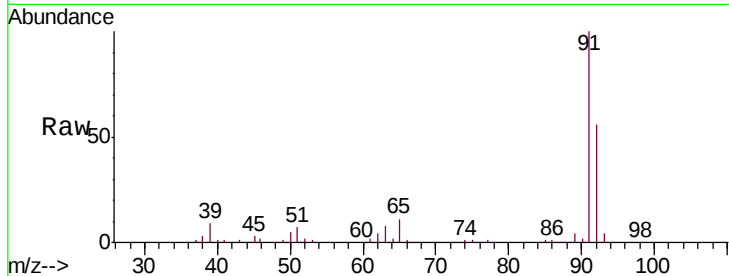
DBDJ1

Tgt Ion: 91 Resp: 327403

Ion Ratio Lower Upper

91 100

92 56.5 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036842.D (-2056) (-)

Ion 92.15 (91.85 to 92.85): VU036842.D (-2056) (-)

8.00

200000

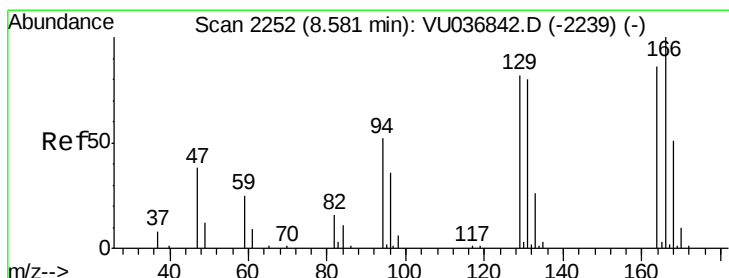
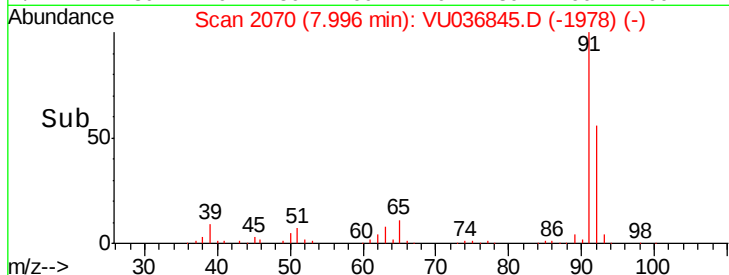
150000

100000

50000

0

Time-->



#47

Tetrachloroethene

Concen: 8.272 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Tgt Ion: 164 Resp: 50882

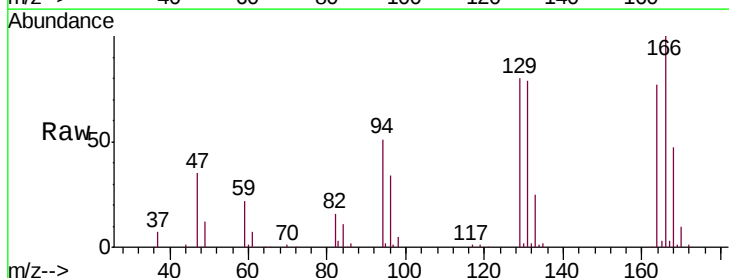
Ion Ratio Lower Upper

164 100

129 103.2 68.0 126.4

131 101.9 69.4 128.8

166 129.8 86.6 160.8



Abundance Ion 163.90 (163.60 to 164.60): VU036842.D (-2239) (-)

Ion 128.95 (128.65 to 129.65): VU036842.D (-2239) (-)

Ion 130.95 (130.65 to 131.65): VU036842.D (-2239) (-)

Ion 165.90 (165.60 to 166.60): VU036842.D (-2239) (-)

8.58

60000

50000

40000

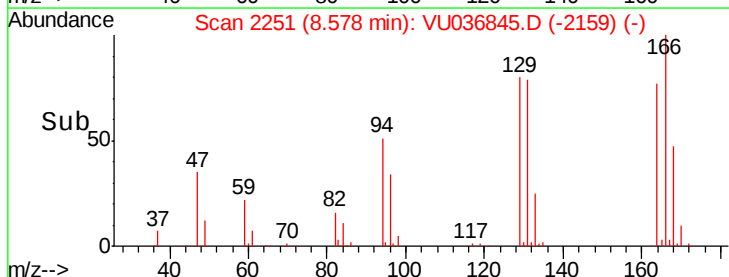
30000

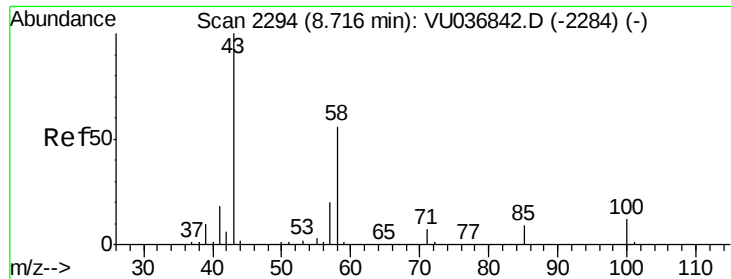
20000

10000

0

Time-->

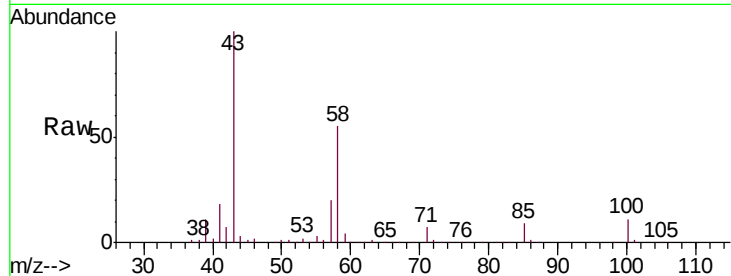




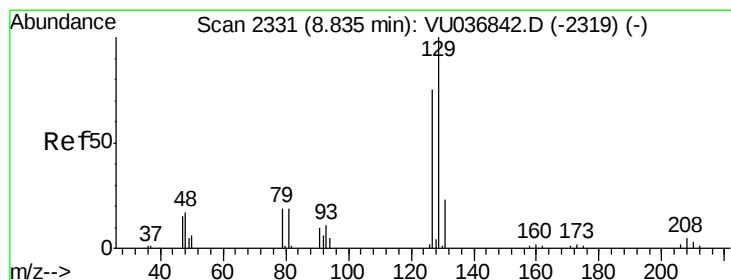
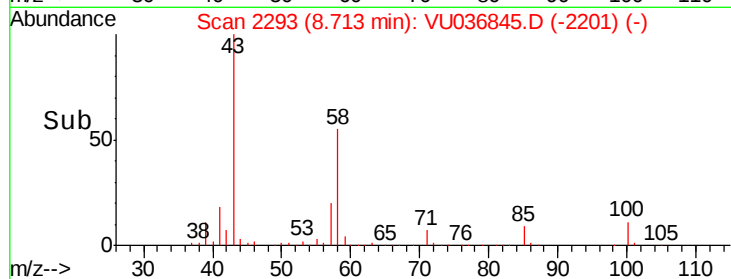
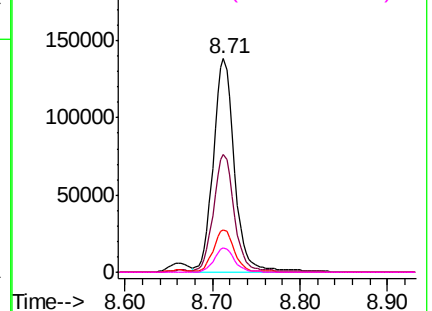
#48
2-Hexanone
Concen: 43.599 ug/L
RT: 8.71 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
DBDJ1

Tgt Ion: 43 Resp: 233403
Ion Ratio Lower Upper
43 100
58 53.2 43.6 65.4
57 19.6 15.0 22.4
100 11.1 9.0 13.6

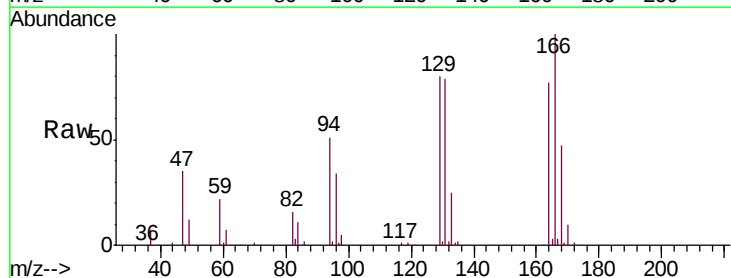


Abundance Ion 43.05 (42.75 to 43.75): VU036845.D (-2293) (-)
Ion 58.05 (57.75 to 58.75): VU036845.D (-2293) (-)
Ion 57.20 (56.90 to 57.90): VU036845.D (-2293) (-)
Ion 100.15 (99.85 to 100.85): VU036845.D (-2293) (-)

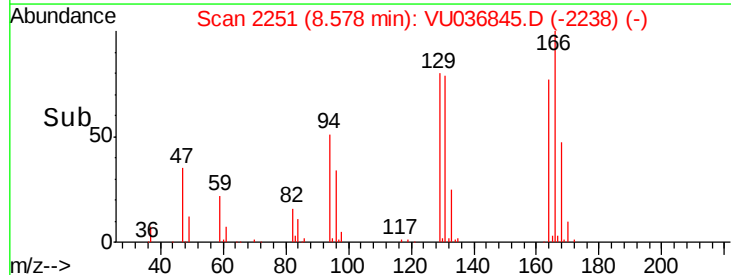
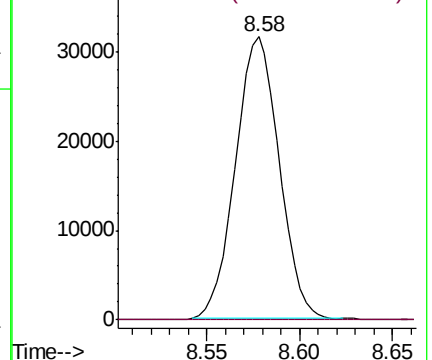


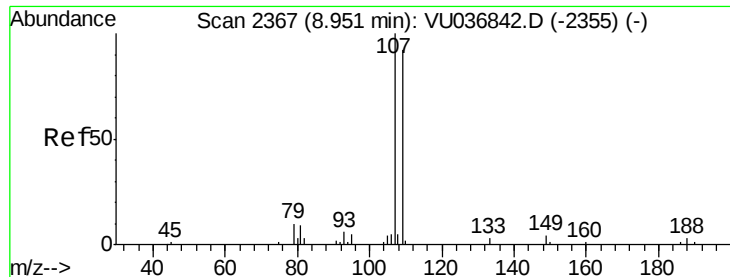
#49
Dibromochloromethane
Concen: 7.387 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.26 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

Tgt Ion: 129 Resp: 51522
Ion Ratio Lower Upper
129 100
127 0.0 56.7 105.3#



Abundance Ion 128.95 (128.65 to 129.65): VU036845.D (-2251) (-)
Ion 126.90 (126.60 to 127.60): VU036845.D (-2251) (-)

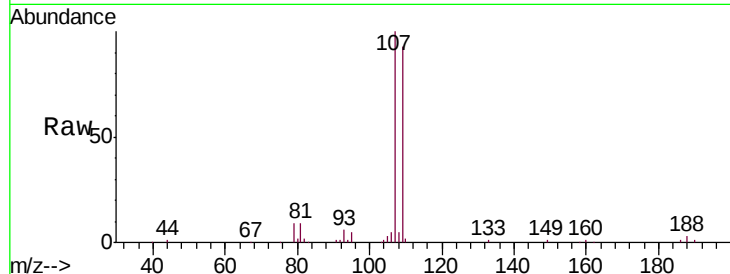




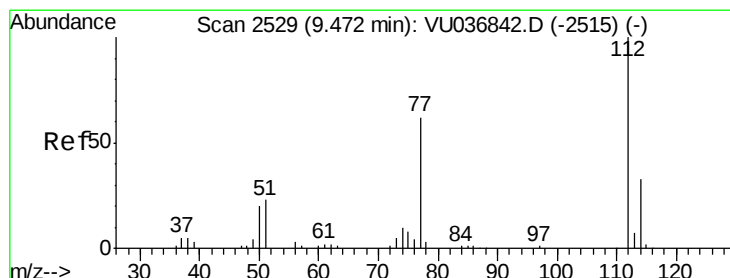
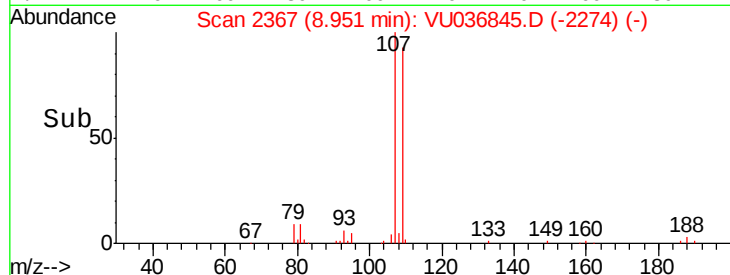
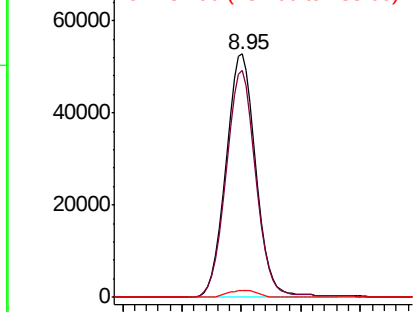
#50
1,2-Dibromoethane
Concen: 15.062 ug/L
RT: 8.95 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
DBDJ1

Tgt Ion:107 Resp: 91749
Ion Ratio Lower Upper
107 100
109 93.1 66.4 123.2
188 2.8 2.4 3.6

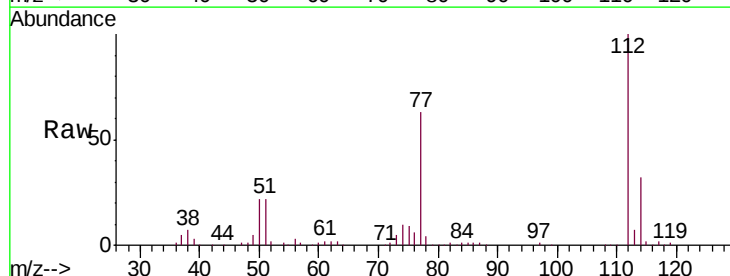


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

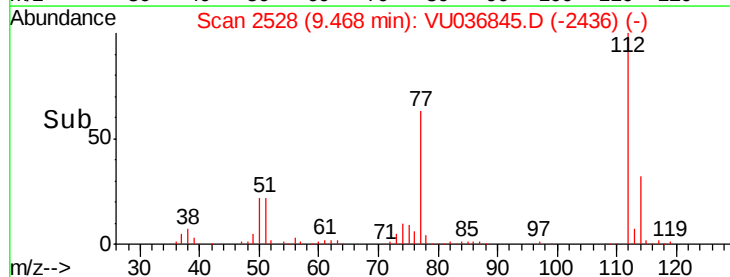
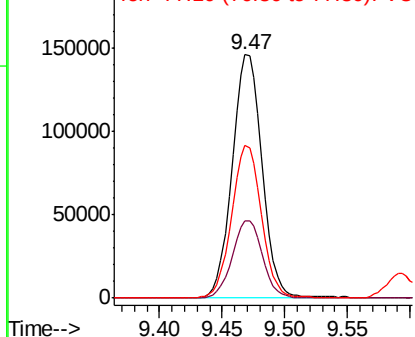


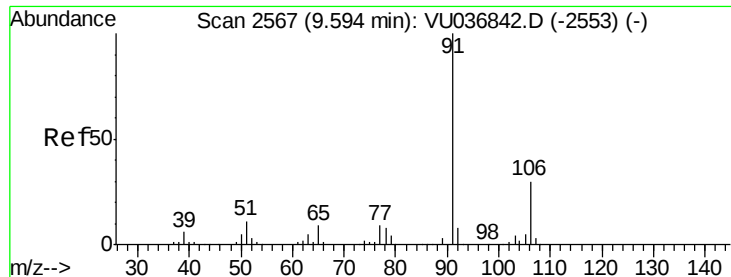
#51
Chlorobenzene
Concen: 10.261 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. -0.00 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

Tgt Ion:112 Resp: 242045
Ion Ratio Lower Upper
112 100
114 31.8 22.9 42.5
77 62.6 51.0 76.4



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): VU





#52

Ethylbenzene

Concen: 6.131 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

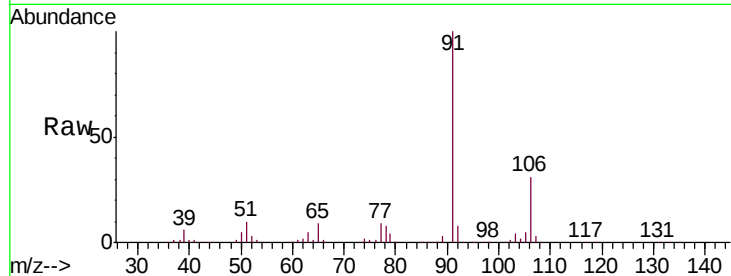
DBDJ1

Tgt Ion: 91 Resp: 261121

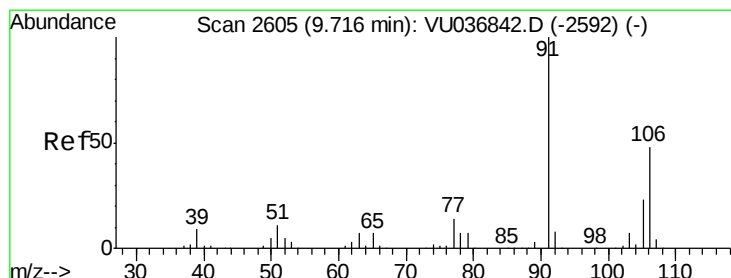
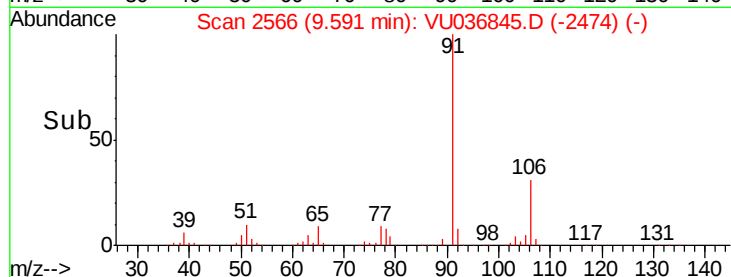
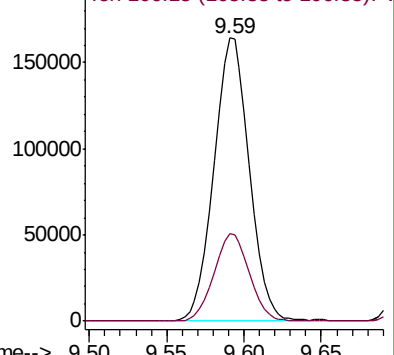
Ion Ratio Lower Upper

91 100

106 30.8 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU036842.D (-2553) (-)



#53

m,p-Xylene

Concen: 12.645 ug/L

RT: 9.72 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VU036845.D

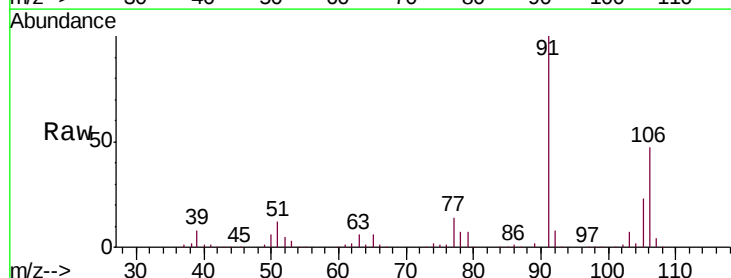
Acq: 19 Feb 2020 13:21

Tgt Ion: 106 Resp: 198189

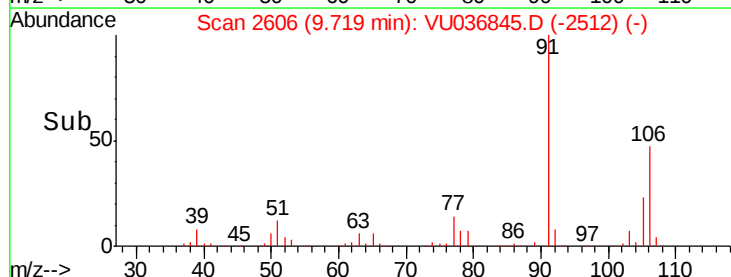
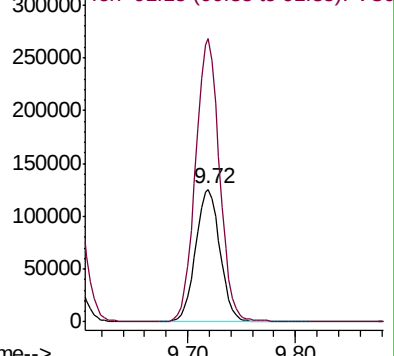
Ion Ratio Lower Upper

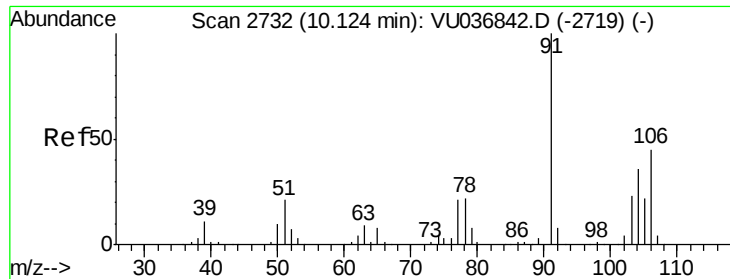
106 100

91 213.1 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): VU036842.D (-2592) (-)

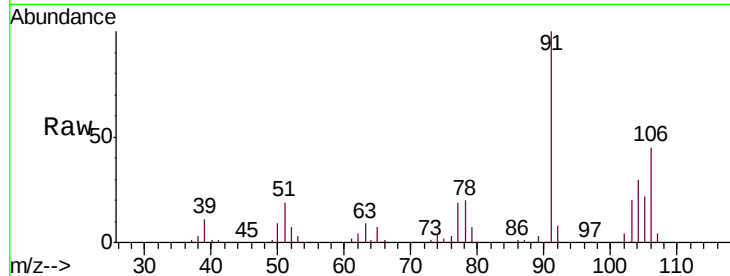




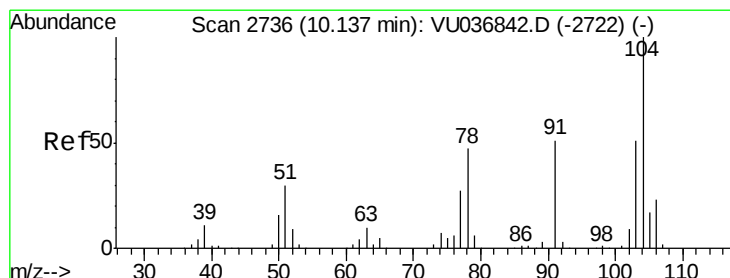
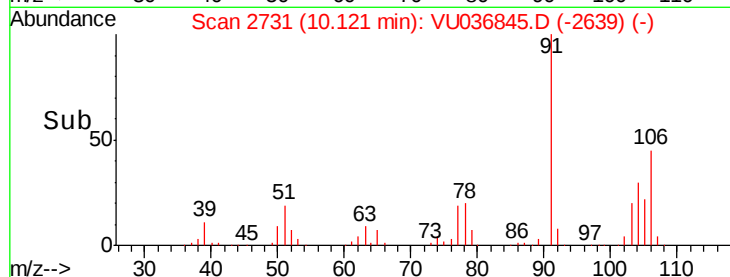
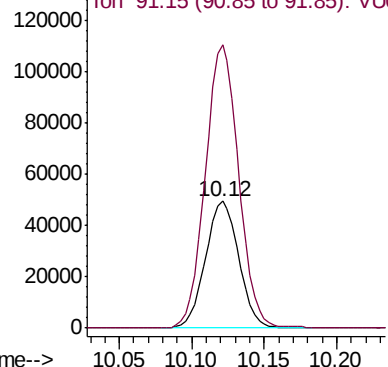
#54
o-Xylene
Concen: 5.139 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
DBDJ1

Tgt Ion:106 Resp: 79092
Ion Ratio Lower Upper
106 100
91 223.2 151.1 280.5

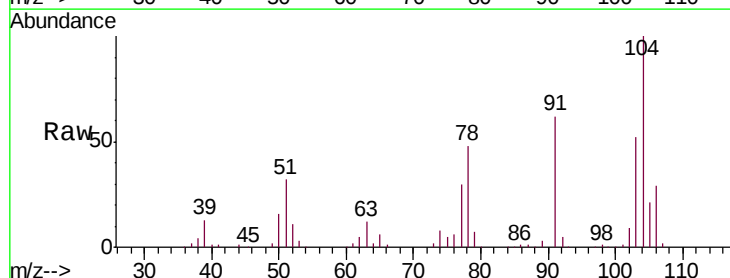


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

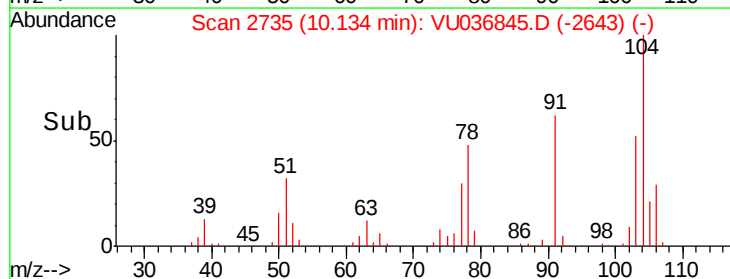
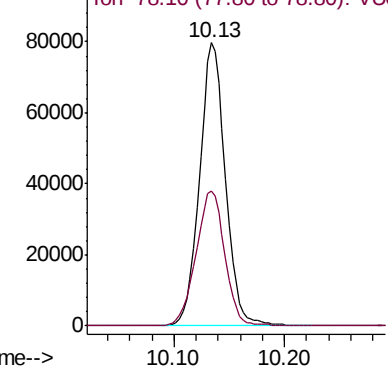


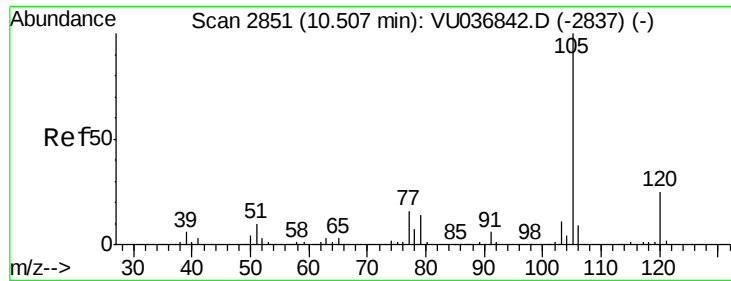
#55
Styrene
Concen: 4.988 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

Tgt Ion:104 Resp: 129416
Ion Ratio Lower Upper
104 100
78 47.9 33.5 62.3



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 3.104 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU036845.D

Acq: 19 Feb 2020 13:21

Instrument :

MSVOA_U

ClientSampleId :

DBDJ1

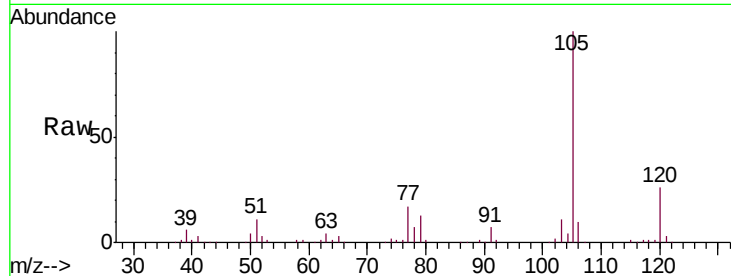
Tgt Ion: 105 Resp: 127859

Ion Ratio Lower Upper

105 100

120 26.1 20.5 30.7

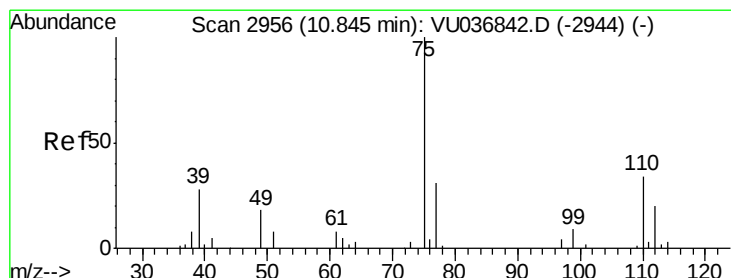
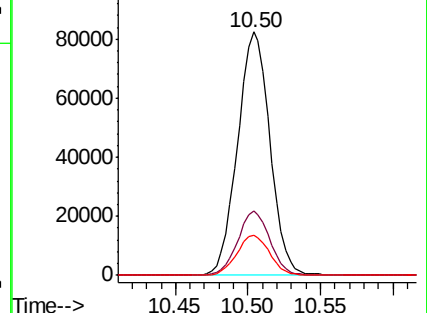
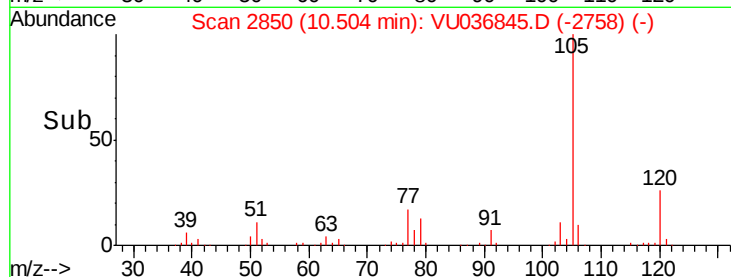
77 16.8 13.0 19.6



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: 1.087 ug/L

RT: 10.13 min Scan# 2734

Delta R.T. -0.71 min

Lab File: VU036845.D

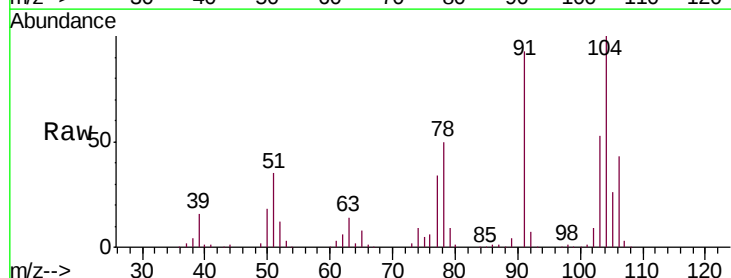
Acq: 19 Feb 2020 13:21

Tgt Ion: 75 Resp: 6959

Ion Ratio Lower Upper

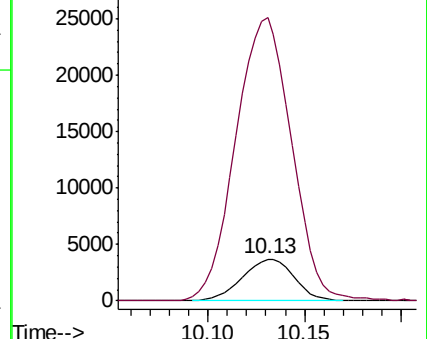
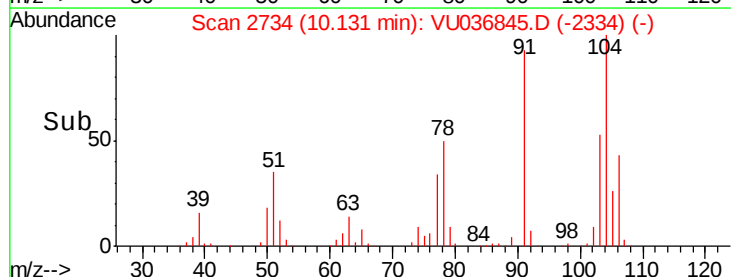
75 100

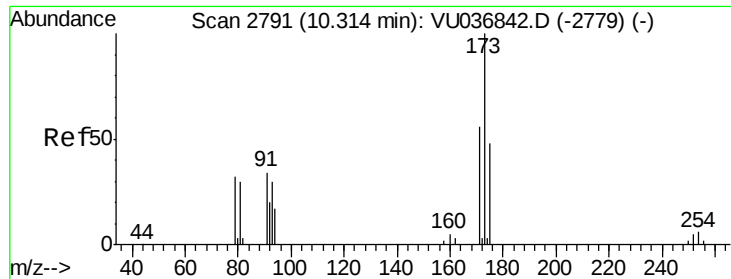
77 725.9 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

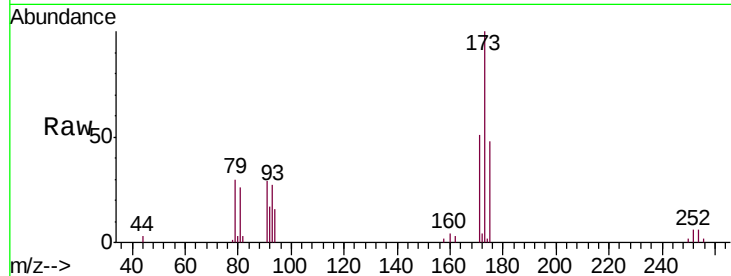




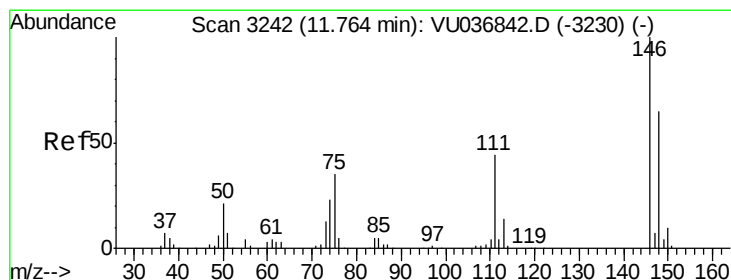
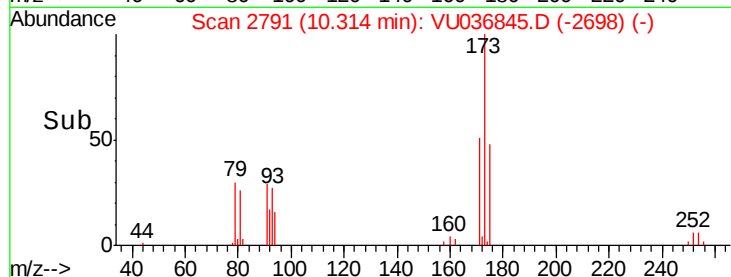
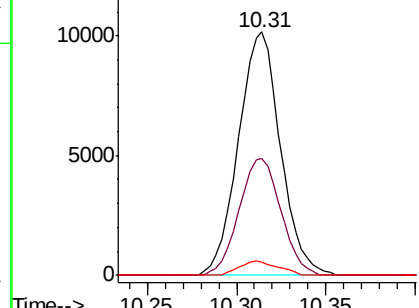
#61
Bromoform
Concen: 4.989 ug/L
RT: 10.31 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

Instrument :
MSVOA_U
ClientSampleId :
DBDJ1

Tgt Ion:173 Resp: 16728
Ion Ratio Lower Upper
173 100
175 47.7 39.9 59.9
254 5.5 4.6 6.8

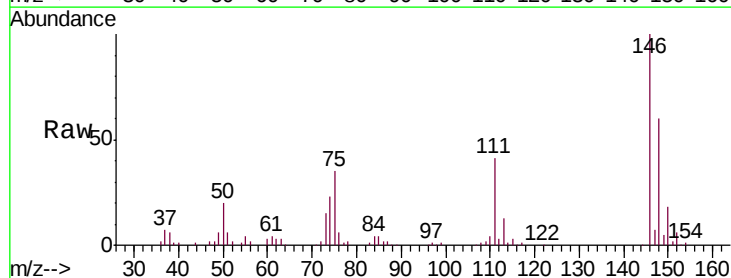


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

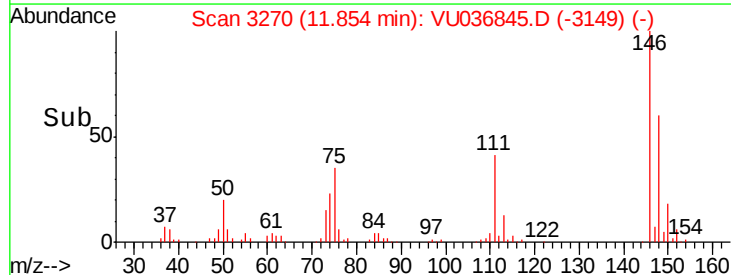
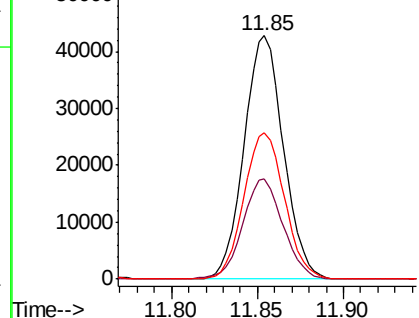


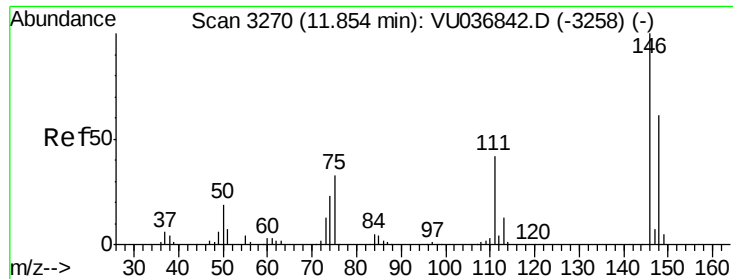
#62
1,3-Dichlorobenzene
Concen: 4.058 ug/L
RT: 11.85 min Scan# 3270
Delta R.T. 0.09 min
Lab File: VU036845.D
Acq: 19 Feb 2020 13:21

Tgt Ion:146 Resp: 68047
Ion Ratio Lower Upper
146 100
111 41.0 30.0 55.8
148 60.0 44.5 82.7



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

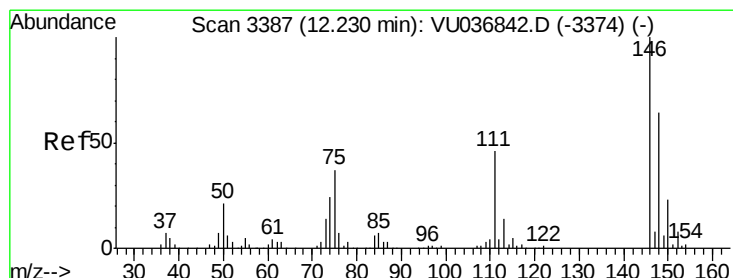
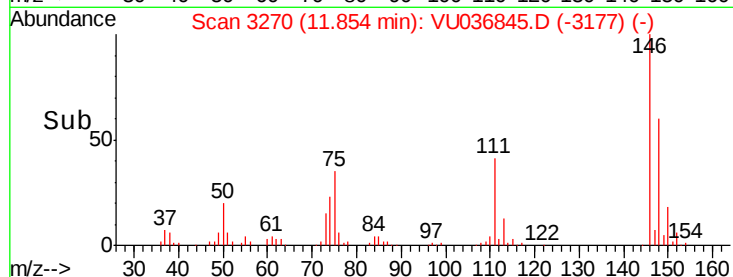
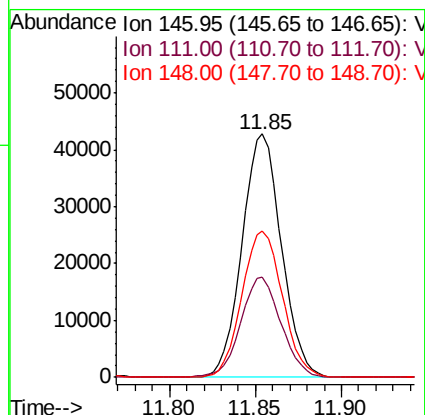
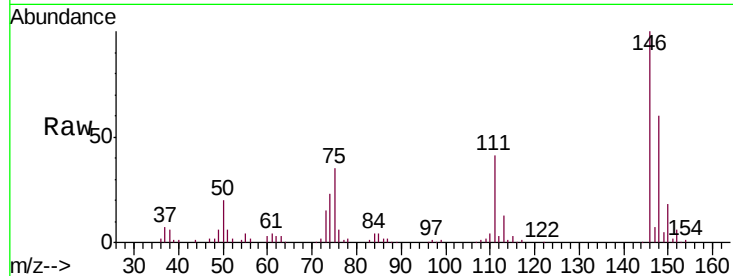




#63
 1,4-Dichlorobenzene
 Concen: 4.094 ug/L
 RT: 11.85 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

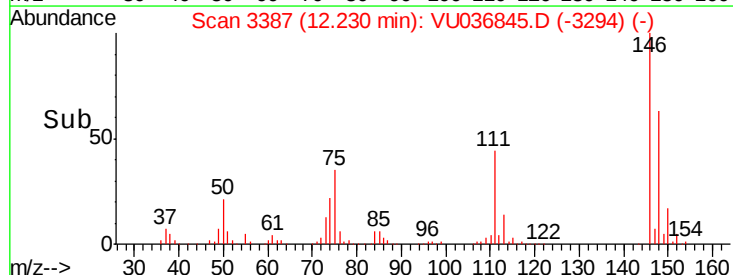
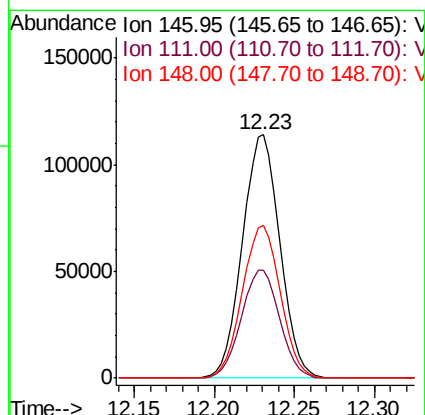
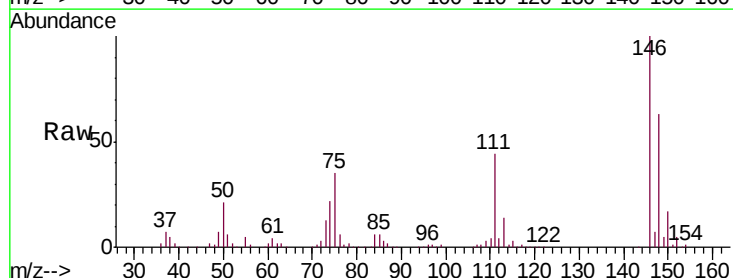
Instrument :
 MSVOA_U
 ClientSampleID :
 DBDJ1

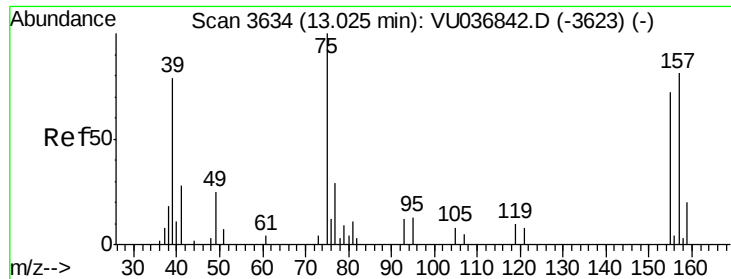
Tgt Ion:146 Resp: 68047
 Ion Ratio Lower Upper
 146 100
 111 41.0 29.2 54.2
 148 60.0 44.3 82.3



#65
 1,2-Dichlorobenzene
 Concen: 11.306 ug/L
 RT: 12.23 min Scan# 3387
 Delta R.T. -0.00 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

Tgt Ion:146 Resp: 182765
 Ion Ratio Lower Upper
 146 100
 111 44.3 35.9 53.9
 148 62.7 50.4 75.6

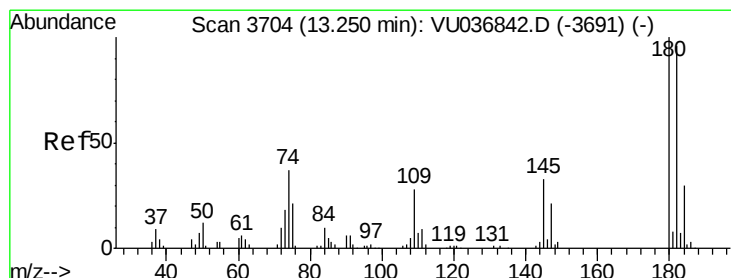
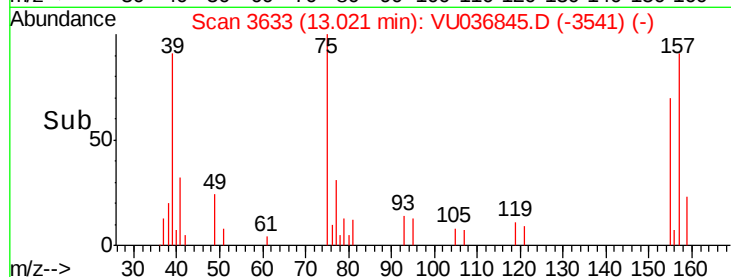
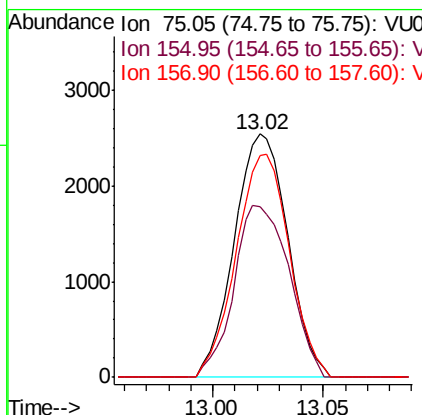
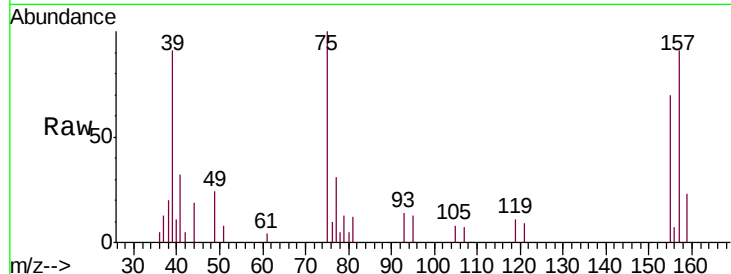




#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.556 ug/L
 RT: 13.02 min Scan# 3633
 Delta R.T. -0.00 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

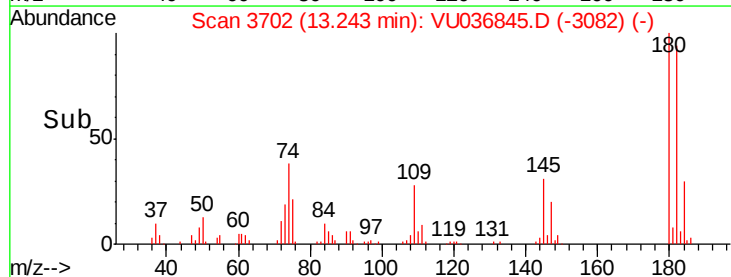
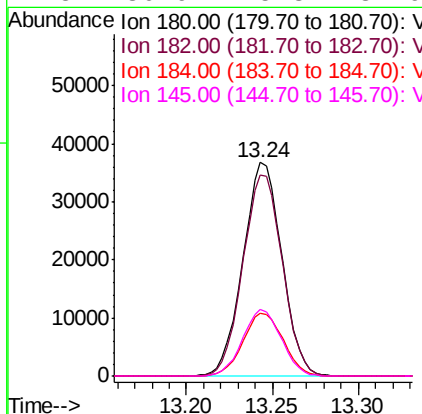
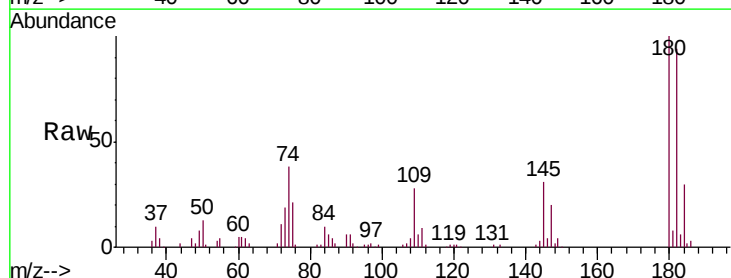
Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ1

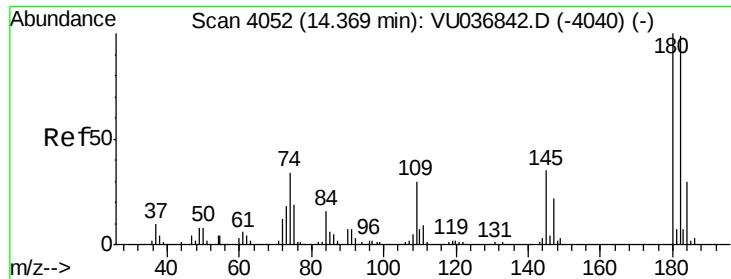
Tgt Ion: 75 Resp: 4290
 Ion Ratio Lower Upper
 75 100
 155 69.9 52.9 79.3
 157 91.3 69.2 103.8



#67
 1,3,5-Trichlorobenzene
 Concen: 4.884 ug/L
 RT: 13.24 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

Tgt Ion: 180 Resp: 57650
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.4 114.6
 184 30.4 24.6 37.0
 145 30.9 25.3 37.9

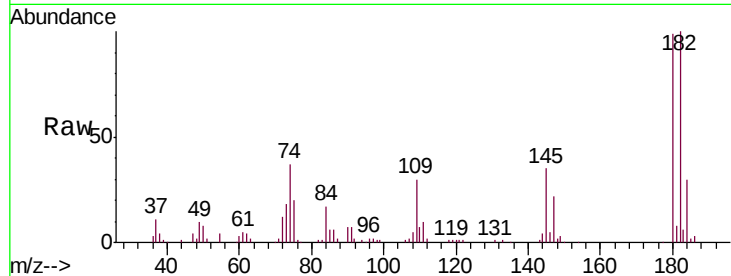




#70
 1,2,3-Trichlorobenzene
 Concen: 9.060 ug/L
 RT: 14.37 min Scan# 4051
 Delta R.T. -0.00 min
 Lab File: VU036845.D
 Acq: 19 Feb 2020 13:21

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ1

Tgt Ion:180 Resp: 72378
 Ion Ratio Lower Upper
 180 100
 182 95.6 78.2 117.4
 145 34.0 27.0 40.6



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

