

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039419.D
 Acq On : 10 Jul 2020 01:29
 Operator : SY/MD
 Sample : L3261-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE506

Quant Time: Jul 10 02:05:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 02:02:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	112464	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	86611	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26066	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.92	69	28709	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.58	63	40847	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.66	46	111363	37.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.68%
24) Chloroform-d	5.08	84	69396	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.73	65	43872	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.75	84	132963	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.71	67	48926	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.91	98	124188	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	8.19	79	24895	5.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.80%
46) 2-Hexanone-d5	8.64	63	136306	50.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.26%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	62868	6.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.40%#
64) 1,2-Dichlorobenzene-d4	12.19	152	90543	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	50796	5.539	ug/L	90
8) Chloroethane	1.94	64	151242	22.828	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1103	0.169	ug/L #	77
12) 1,1-Dichloroethene	2.59	96	929	0.139	ug/L #	1
13) Acetone	2.66	43	37188	23.100	ug/L	92
14) Carbon disulfide	2.86	76	12908	0.548	ug/L	99
15) Methyl Acetate	3.10	43	62491	14.696	ug/L #	52
16) Methylene chloride	3.06	84	1180	0.140	ug/L #	46
18) trans-1,2-Dichloroethene	3.37	96	1901	0.257	ug/L	84
19) 1,1-Dichloroethane	3.89	63	35303	2.437	ug/L	97
21) 2-Butanone	4.74	43	21084	7.338	ug/L	93
22) cis-1,2-Dichloroethene	4.69	96	266130	32.053	ug/L	96
27) 1,2-Dichloroethane	5.80	62	267261	25.253	ug/L #	78
29) 1,1,1-Trichloroethane	5.34	97	1266	0.088	ug/L #	91
30) Cyclohexane	5.41	56	40266	2.672	ug/L	96
35) Methylcyclohexane	6.78	83	44201	2.938	ug/L #	88
38) Bromodichloromethane	7.17	83	817	0.065	ug/L #	25

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

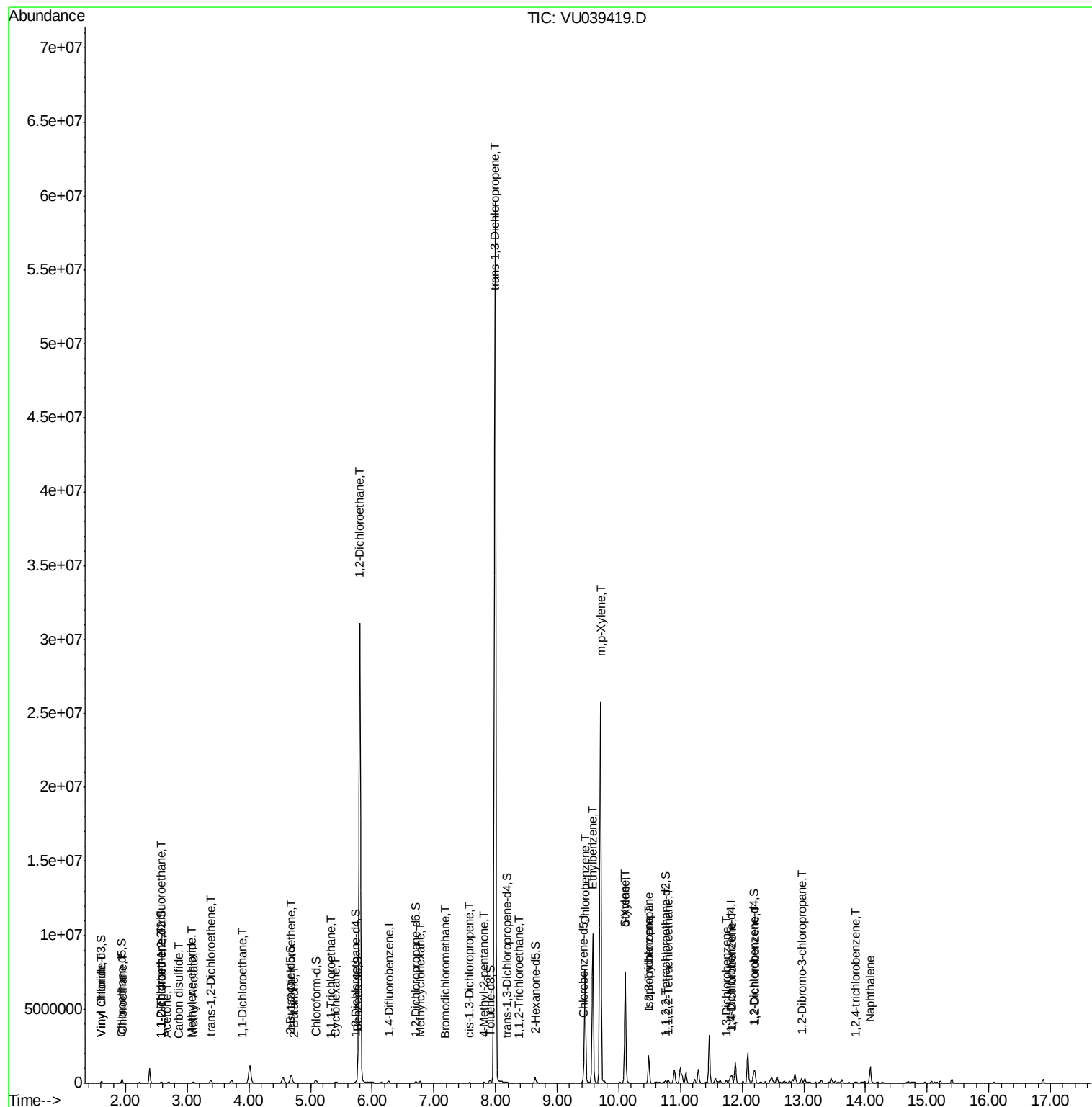
39) cis-1,3-Dichloropropene	7.57	75	2056	0.137	ug/L	91
40) 4-Methyl-2-pentanone	7.81	43	62011	7.506	ug/L	99
44) trans-1,3-Dichloropropene	8.00	75	421632	31.746	ug/L #	1
45) 1,1,2-Trichloroethane	8.38	97	3284	0.462	ug/L #	21
51) Chlorobenzene	9.45	112	3741416	157.393	ug/L	98
52) Ethylbenzene	9.58	91	6974371	162.223	ug/L	99
53) m,p-Xylene	9.70	106	6852478	423.017	ug/L	96
54) o-Xylene	10.11	106	1948564	123.560	ug/L	100
55) Styrene	10.11	104	102196	3.724	ug/L #	1
56) Isopropylbenzene	10.48	105	1179418	27.654	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.80	83	2935	0.296	ug/L #	40
59) 1,2,3-Trichloropropane	10.48	75	13898	1.904	ug/L #	1
62) 1,3-Dichlorobenzene	11.74	146	35007	1.290	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	203449	7.472	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	289515	10.641	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.96	75	1357	0.565	ug/L #	13
68) 1,2,4-trichlorobenzene	13.83	180	3079	0.177	ug/L #	80
69) Naphthalene	14.08	128	844161	24.139	ug/L	99

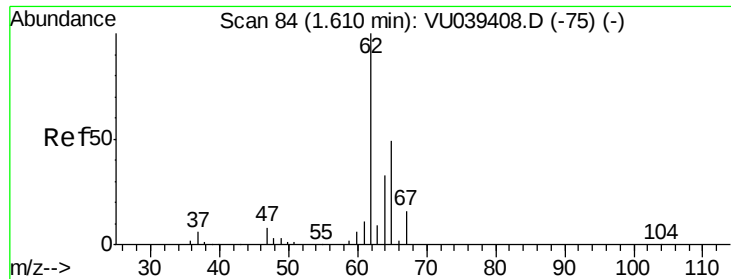
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.539 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039419.D

Acq: 10 Jul 2020 01:29

Instrument :

MSVOA_U

ClientSampleId :

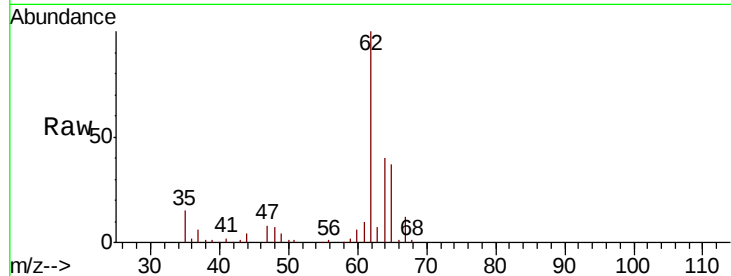
BE506

Tot Ion: 62 Resp: 50796

Ion Ratio Lower Upper

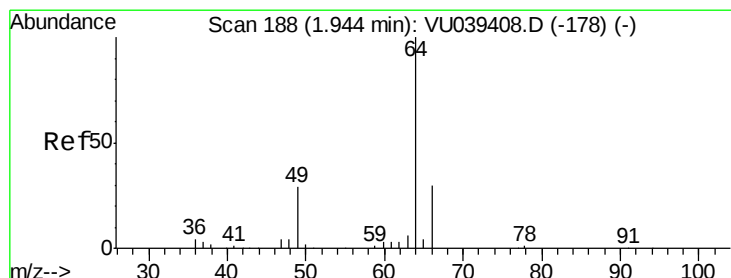
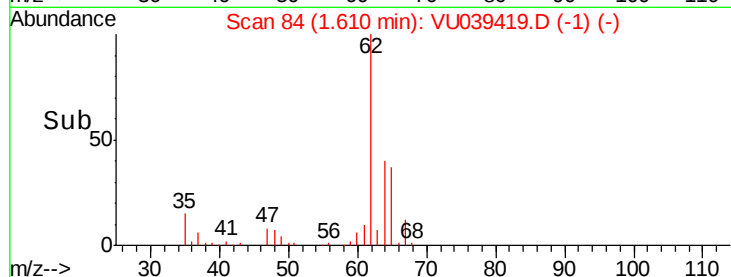
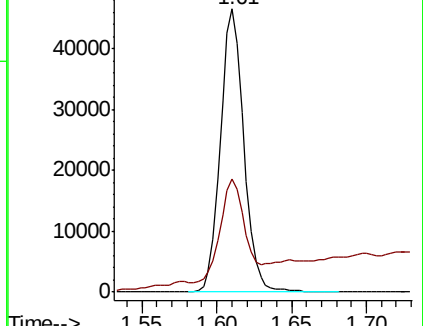
62 100

64 39.8 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU039408.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU039419.D (-95) (-)



#8

Chloroethane

Concen: 22.828 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU039419.D

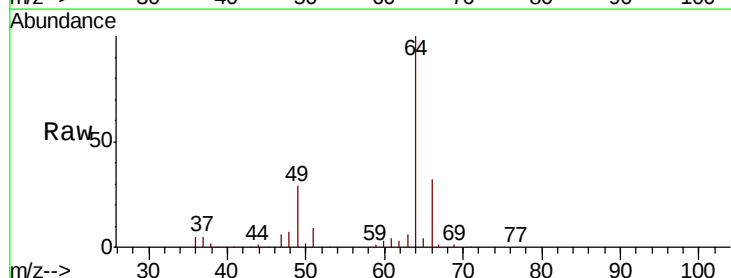
Acq: 10 Jul 2020 01:29

Tgt Ion: 64 Resp: 151242

Ion Ratio Lower Upper

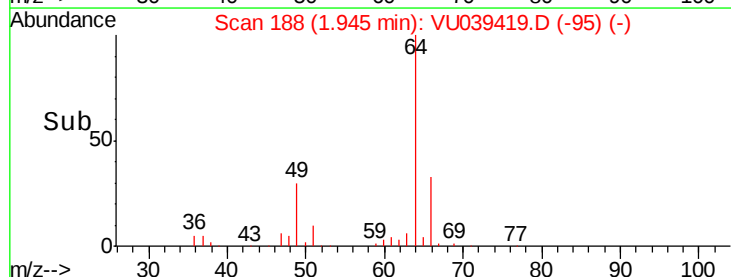
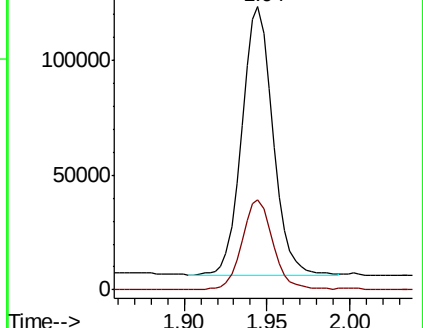
64 100

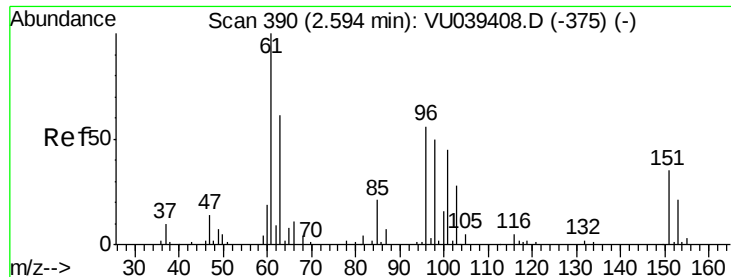
66 32.0 23.5 43.7



Abundance Ion 64.10 (63.80 to 64.80): VU039408.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU039419.D (-95) (-)





#10

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

Concen: 0.169 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039419.D

Acq: 10 Jul 2020 01:29

Instrument :

MSVOA_U

ClientSampled :

BE506

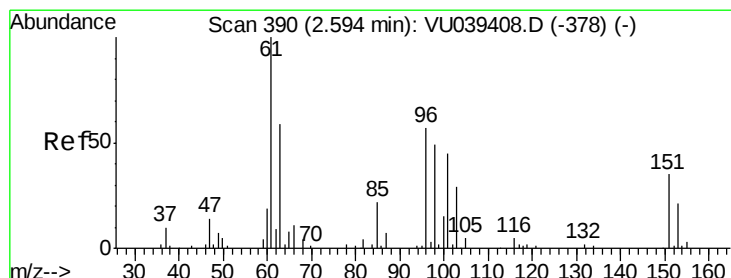
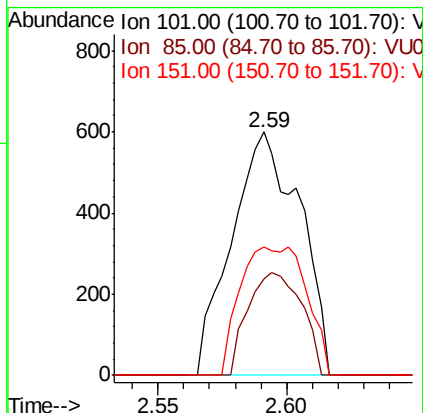
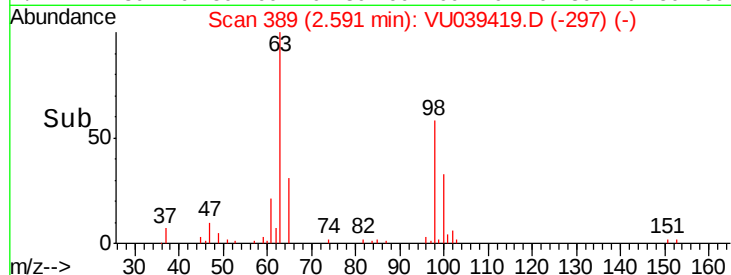
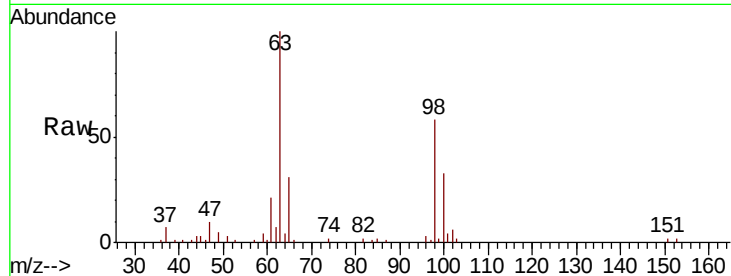
Tot Ion:101 Resp: 1103

Ion Ratio Lower Upper

101 100

85 33.4 38.9 58.3#

151 51.3 57.0 85.4#



#12

1,1-Dichloroethene

Concen: 0.139 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039419.D

Acq: 10 Jul 2020 01:29

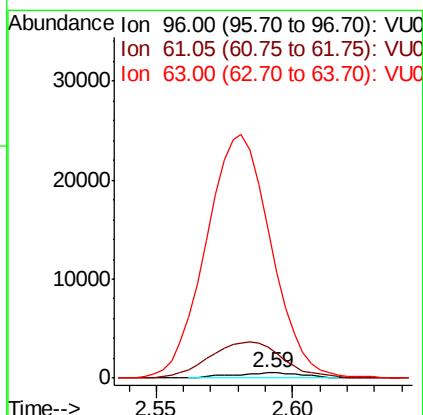
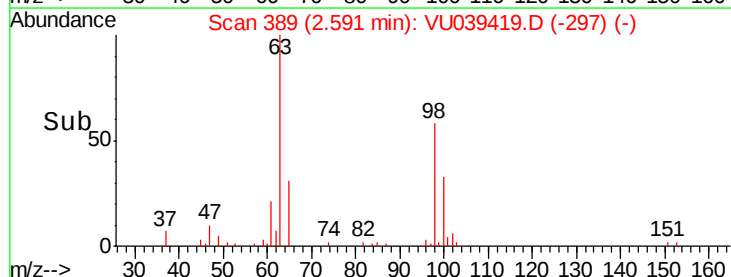
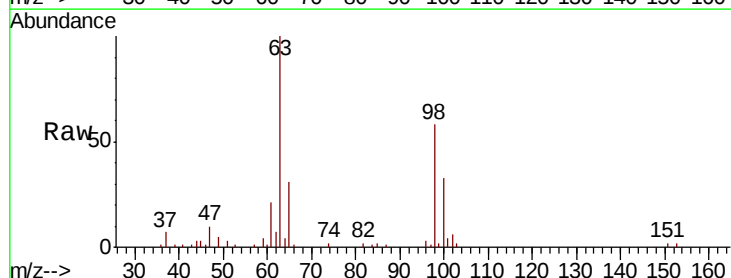
Tgt Ion: 96 Resp: 929

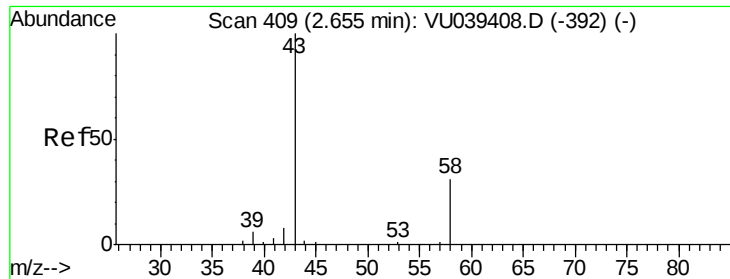
Ion Ratio Lower Upper

96 100

61 609.1 125.4 232.8#

63 2920.8 92.7 172.3#





#13

Acetone

Concen: 23.100 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU039419.D

Acq: 10 Jul 2020 01:29

Instrument :

MSVOA_U

ClientSampleId :

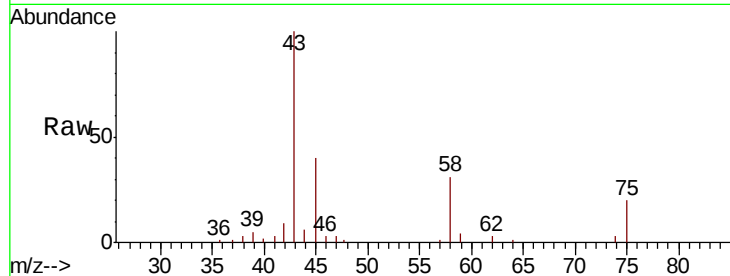
BE506

Tot Ion: 43 Resp: 37188

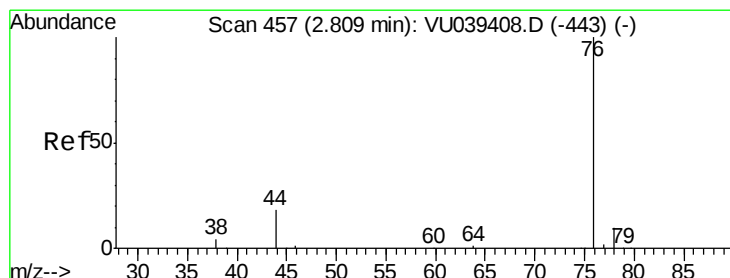
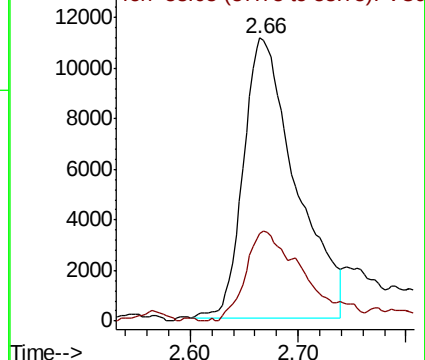
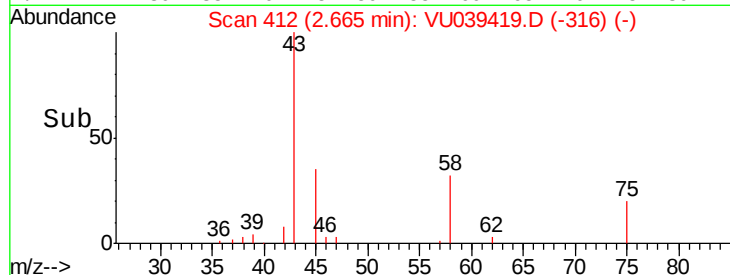
Ion Ratio Lower Upper

43 100

58 36.1 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039419.D (-316) (-)



#14

Carbon disulfide

Concen: 0.548 ug/L

RT: 2.86 min Scan# 474

Delta R.T. 0.05 min

Lab File: VU039419.D

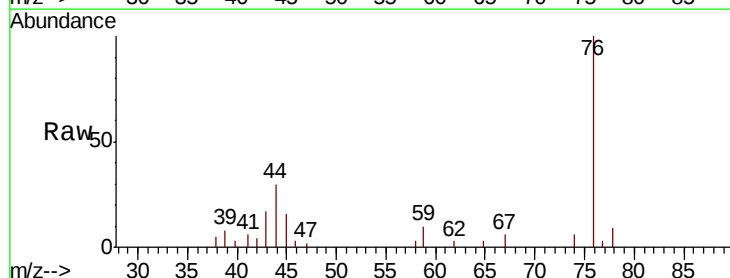
Acq: 10 Jul 2020 01:29

Tgt Ion: 76 Resp: 12908

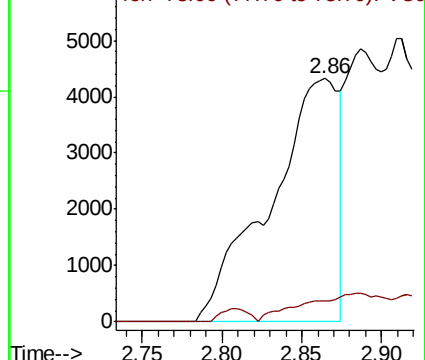
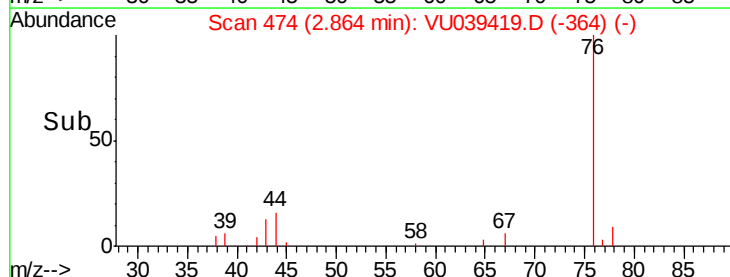
Ion Ratio Lower Upper

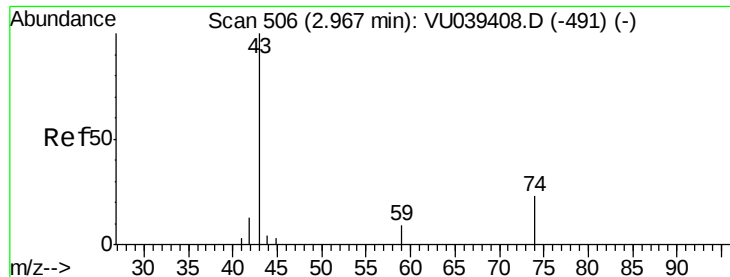
76 100

78 8.5 7.0 10.4



Abundance Ion 76.05 (75.75 to 76.75): VU039419.D (-364) (-)

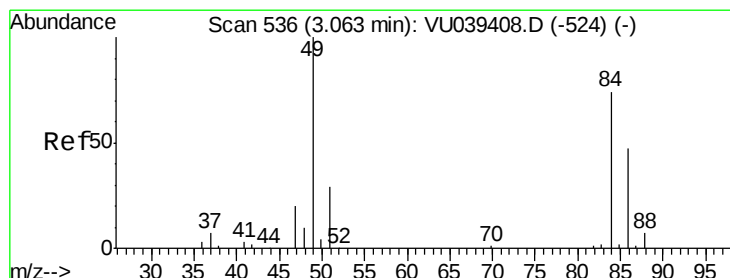
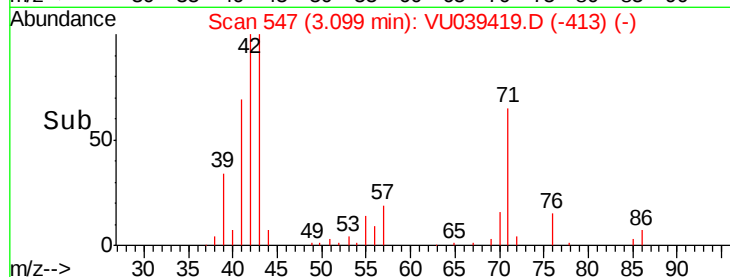
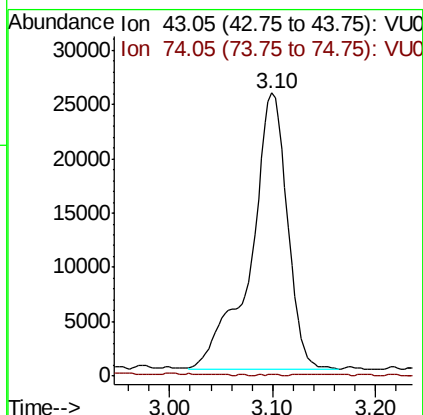
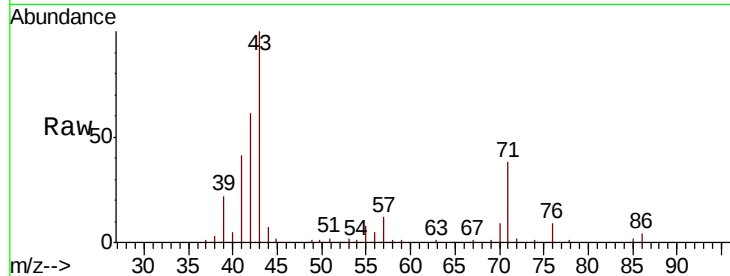




#15
Methyl Acetate
Concen: 14.696 ug/L
RT: 3.10 min Scan# 547
Delta R.T. 0.13 min
Lab File: VU039419.D
Acq: 10 Jul 2020 01:29

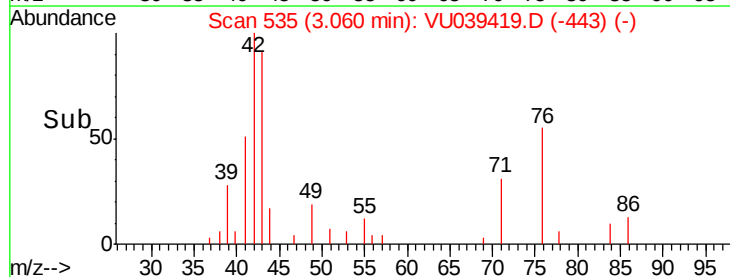
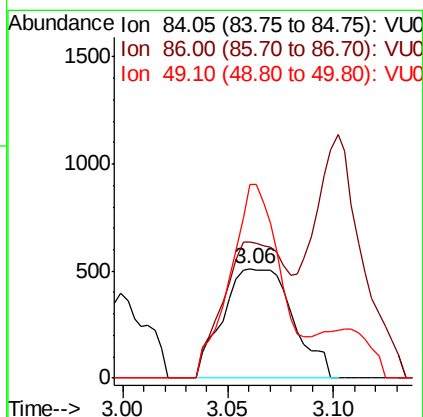
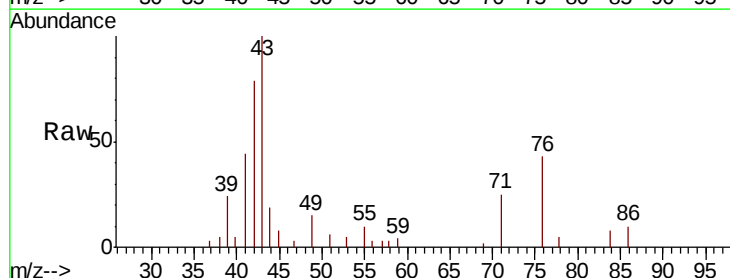
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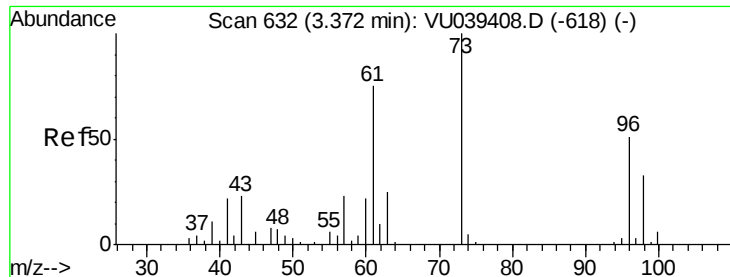
Tot Ion: 43 Resp: 62491
Ion Ratio Lower Upper
43 100
74 0.2 18.7 28.1#



#16
Methylene chloride
Concen: 0.140 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039419.D
Acq: 10 Jul 2020 01:29

Tgt Ion: 84 Resp: 1180
Ion Ratio Lower Upper
84 100
86 124.7 43.5 80.9#
49 177.5 91.1 169.1#

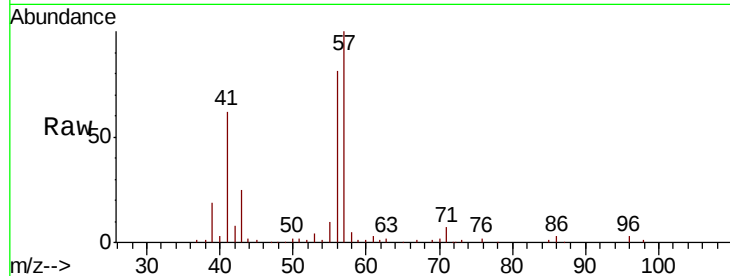




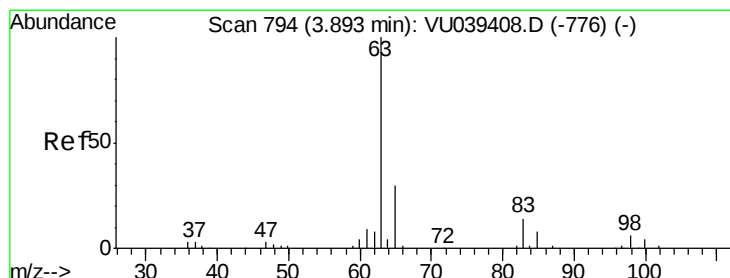
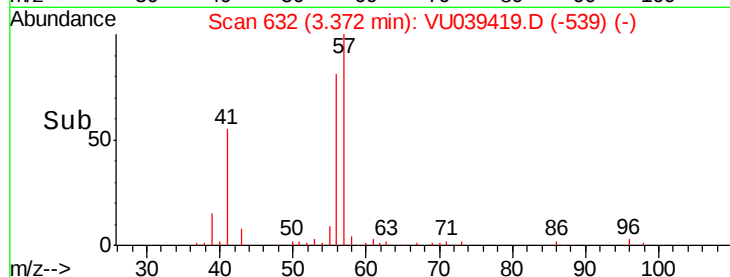
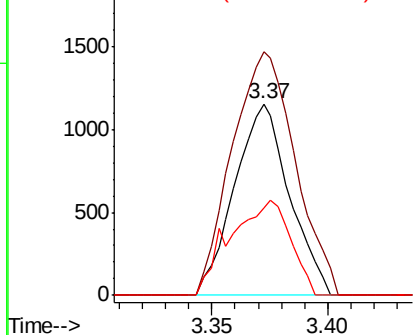
#18
trans-1,2-Dichloroethene
Concen: 0.257 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU039419.D
Acq: 10 Jul 2020 01:29

Instrument :
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ClientSampleId :
BE506

Tot Ion: 96 Resp: 1901
Ion Ratio Lower Upper
96 100
61 127.3 102.1 189.5
98 46.0 42.5 78.9

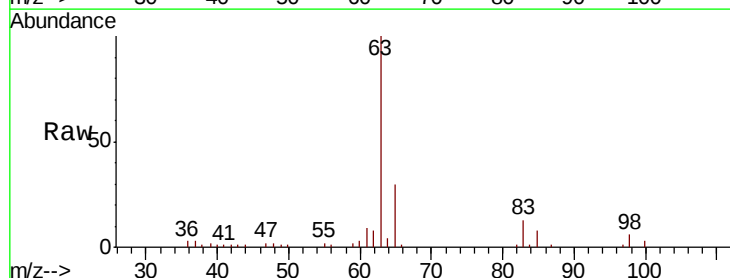


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

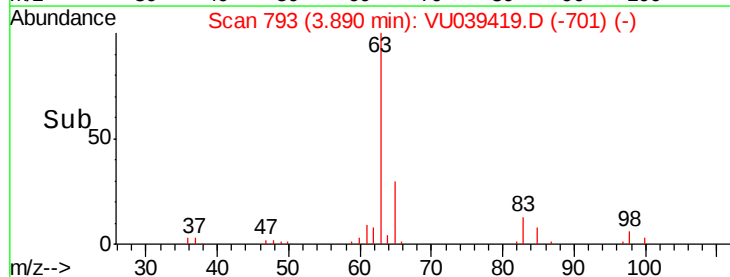
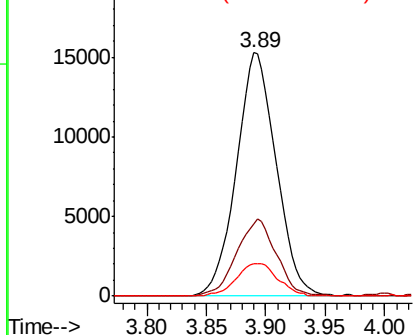


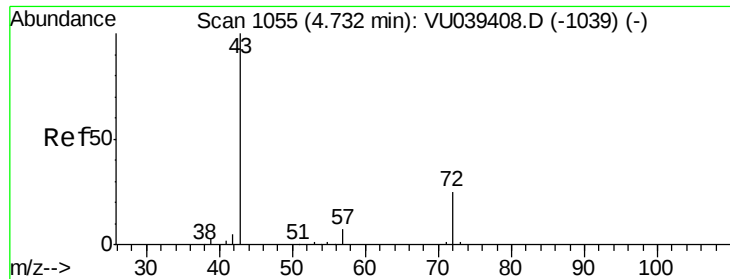
#19
1,1-Dichloroethane
Concen: 2.437 ug/L
RT: 3.89 min Scan# 793
Delta R.T. -0.00 min
Lab File: VU039419.D
Acq: 10 Jul 2020 01:29

Tgt Ion: 63 Resp: 35303
Ion Ratio Lower Upper
63 100
65 30.5 23.0 42.6
83 13.4 9.6 17.8



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

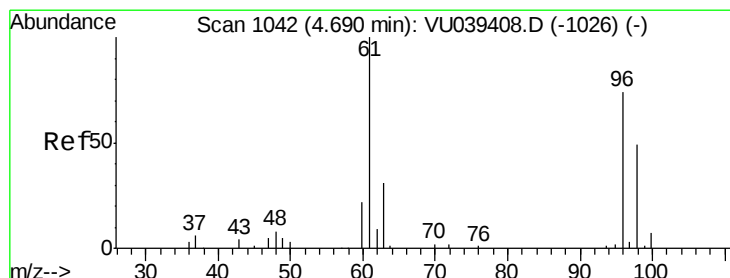
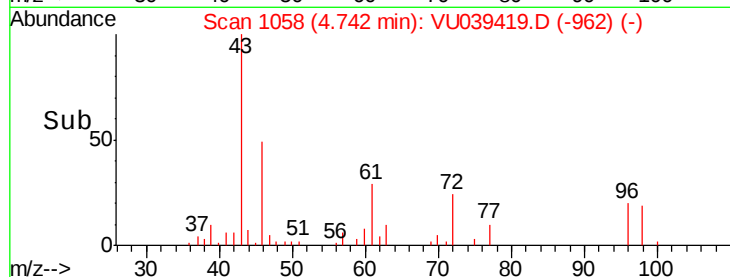
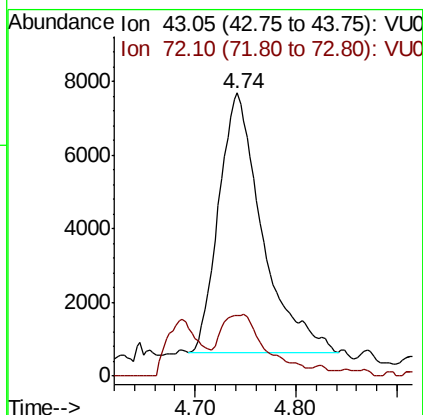
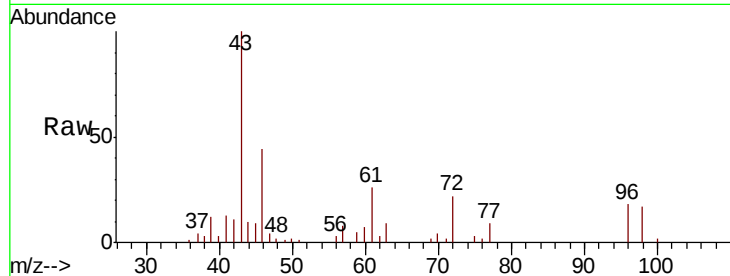




#21
2-Butanone
Concen: 7.338 ug/L
RT: 4.74 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VU039419.D
Acq: 10 Jul 2020 01:29

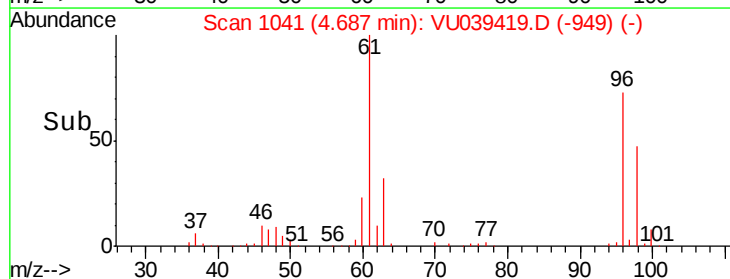
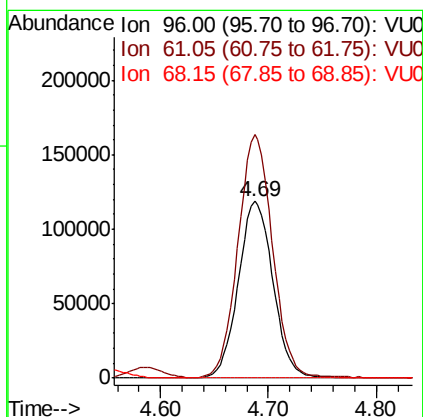
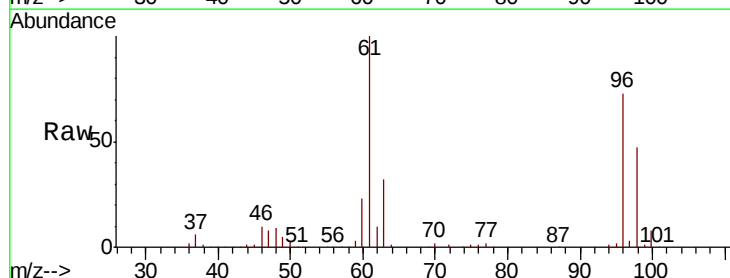
Instrument :
MSVOA_U
ClientSampleId :
BE506

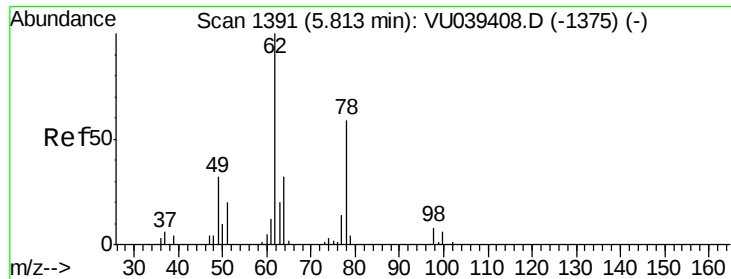
Tot Ion: 43 Resp: 21084
Ion Ratio Lower Upper
43 100
72 22.8 13.2 39.5



#22
cis-1,2-Dichloroethene
Concen: 32.053 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VU039419.D
Acq: 10 Jul 2020 01:29

Tgt Ion: 96 Resp: 266130
Ion Ratio Lower Upper
96 100
61 137.7 92.8 172.4
68 0.0 0.0 0.0

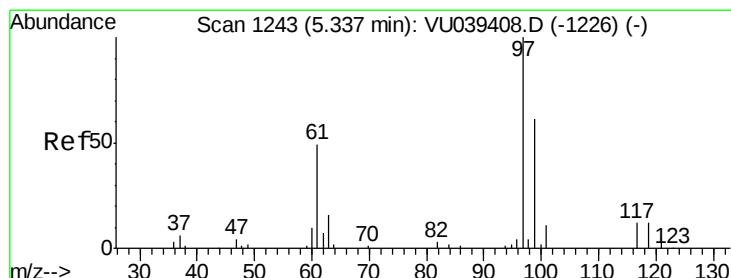
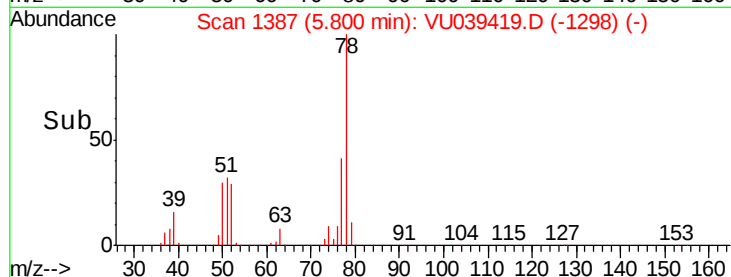
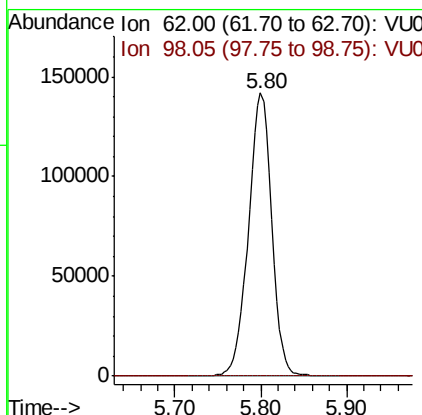
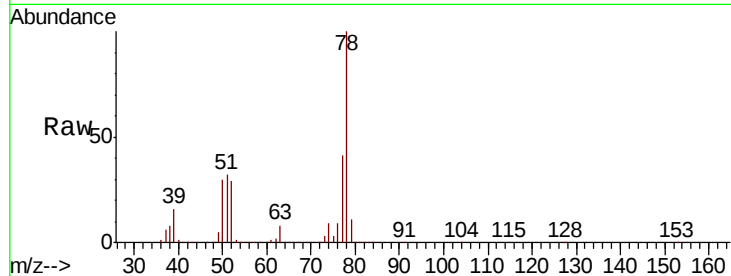




#27
 1,2-Dichloroethane
 Concen: 25.253 ug/L
 RT: 5.80 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VU039419.D
 Acq: 10 Jul 2020 01:29

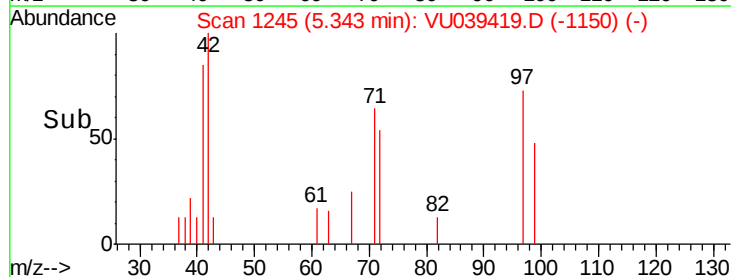
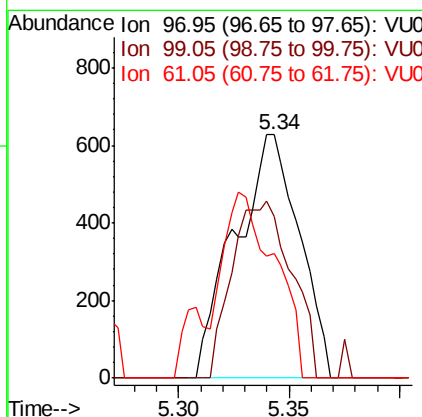
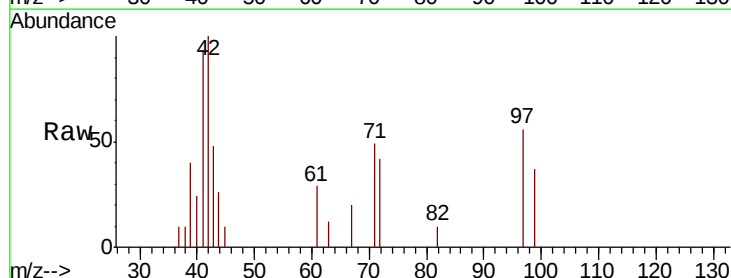
Instrument :
 MSVOA_U
 ClientSampleId :
 BE506

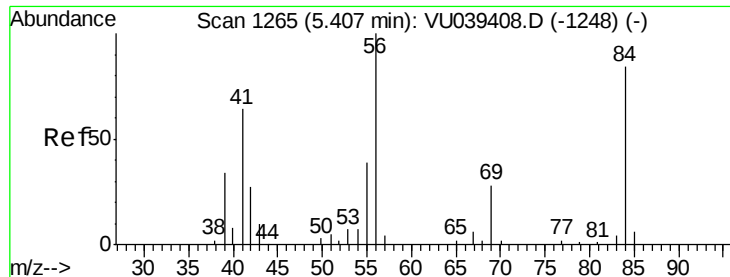
Tot Ion: 62 Resp: 267261
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#29
 1,1,1-Trichloroethane
 Concen: 0.088 ug/L
 RT: 5.34 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VU039419.D
 Acq: 10 Jul 2020 01:29

Tgt Ion: 97 Resp: 1266
 Ion Ratio Lower Upper
 97 100
 99 67.0 52.6 79.0
 61 61.2 37.9 56.9#

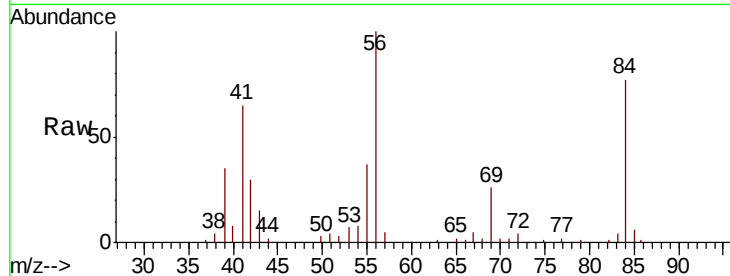




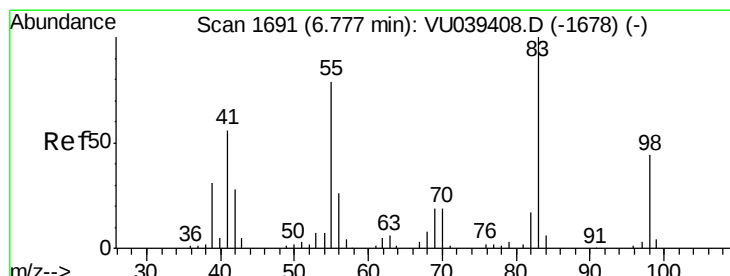
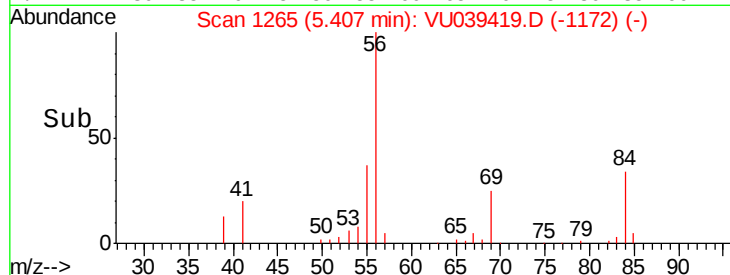
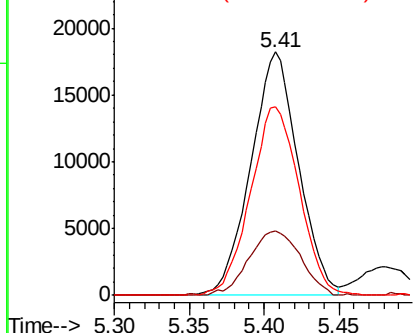
#30
Cyclohexane
Concen: 2.672 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU039419.D
Acq: 10 Jul 2020 01:29

Instrument :
MSVOA_U
ClientSampleId :
BE506

Tot Ion: 56 Resp: 40266
Ion Ratio Lower Upper
56 100
69 28.8 24.1 36.1
84 79.5 67.0 100.6

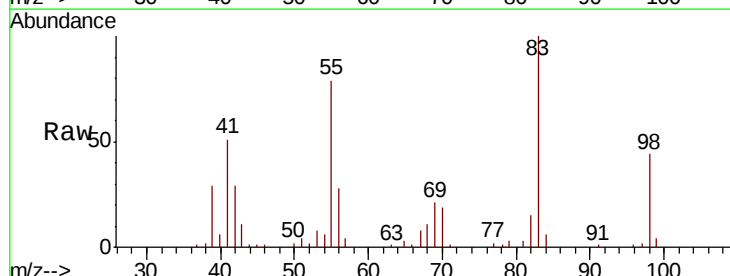


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

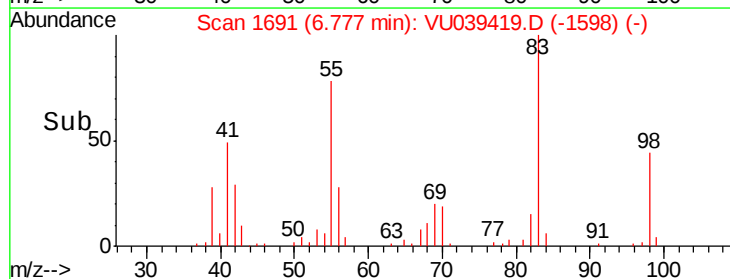
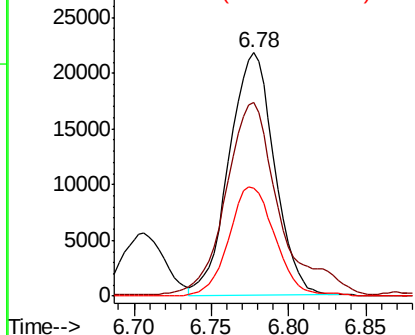


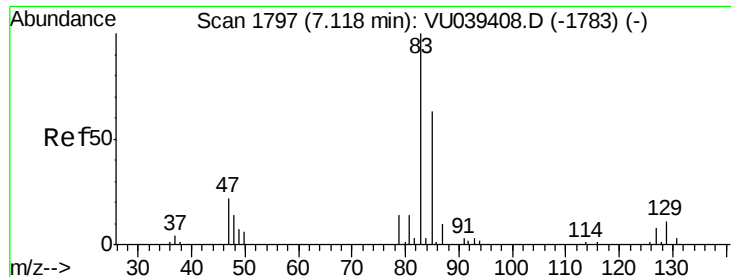
#35
Methylcyclohexane
Concen: 2.938 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VU039419.D
Acq: 10 Jul 2020 01:29

Tgt Ion: 83 Resp: 44201
Ion Ratio Lower Upper
83 100
55 93.5 62.1 93.1#
98 46.0 35.9 53.9



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

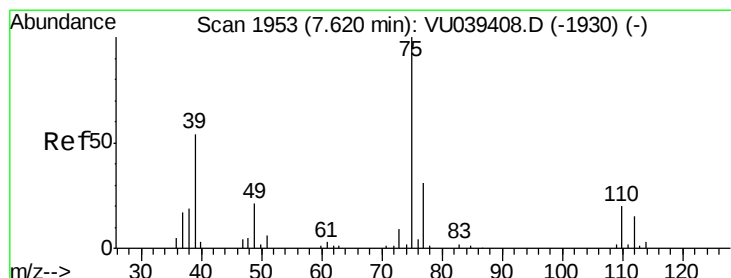
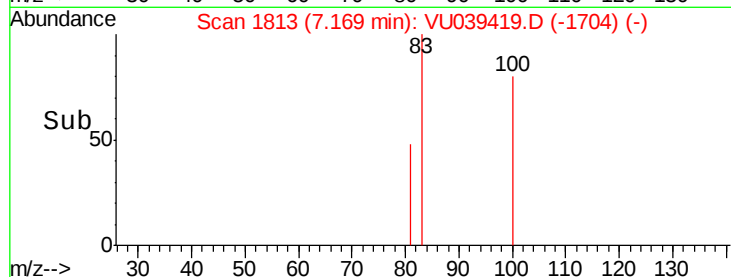
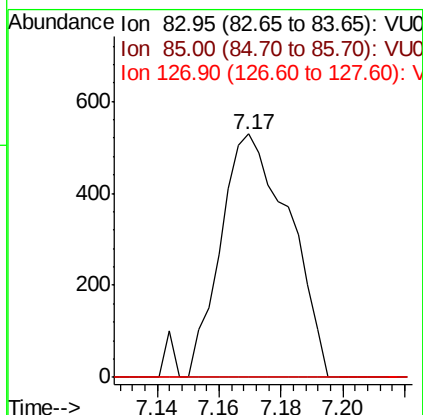
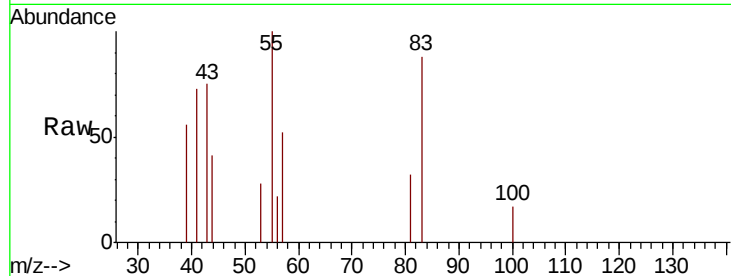




#38
 Bromodichloromethane
 Concen: 0.065 ug/L
 RT: 7.17 min Scan# 1813
 Delta R.T. 0.05 min
 Lab File: VU039419.D
 Acq: 10 Jul 2020 01:29

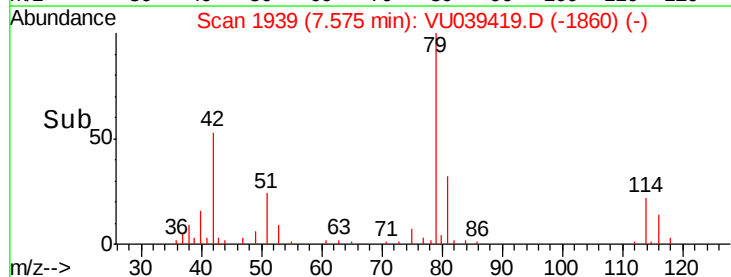
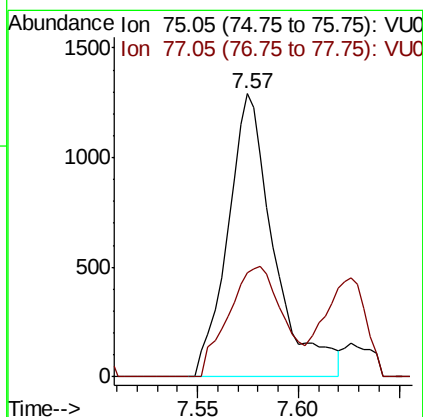
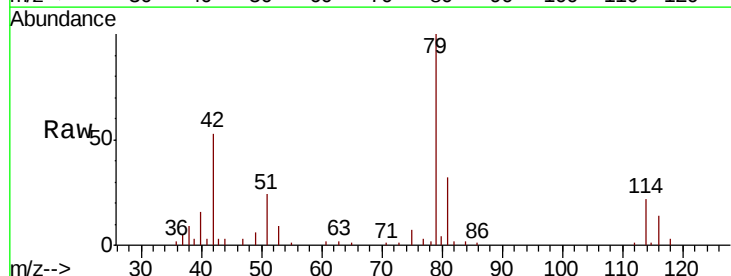
Instrument :
 MSVOA_U
 ClientSampleId :
 BE506

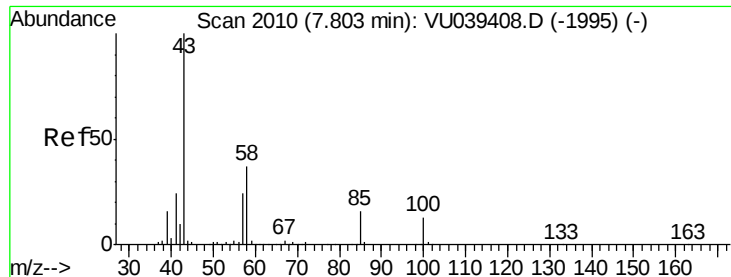
Tot Ion: 83 Resp: 817
 Ion Ratio Lower Upper
 83 100
 85 0.0 44.0 81.6#
 127 0.0 6.2 9.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.137 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039419.D
 Acq: 10 Jul 2020 01:29

Tgt Ion: 75 Resp: 2056
 Ion Ratio Lower Upper
 75 100
 77 36.6 22.3 41.3

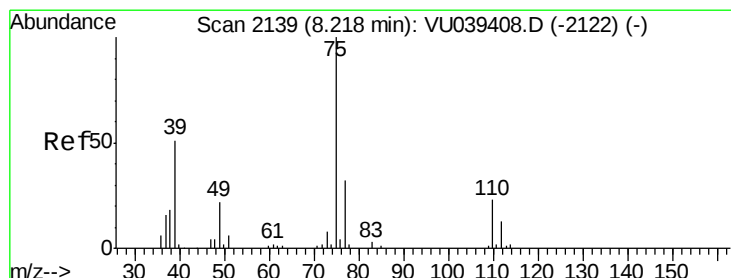
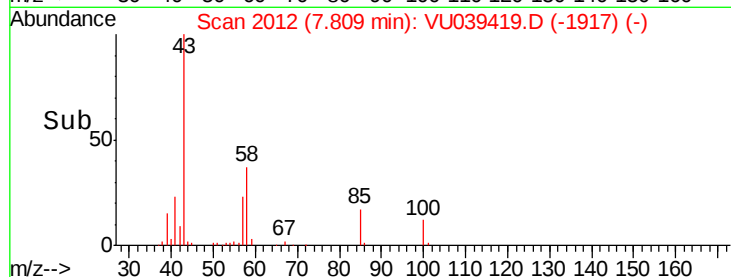
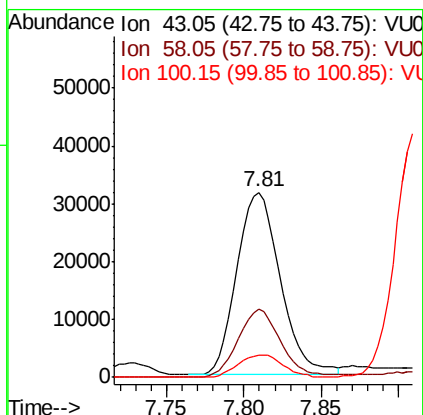
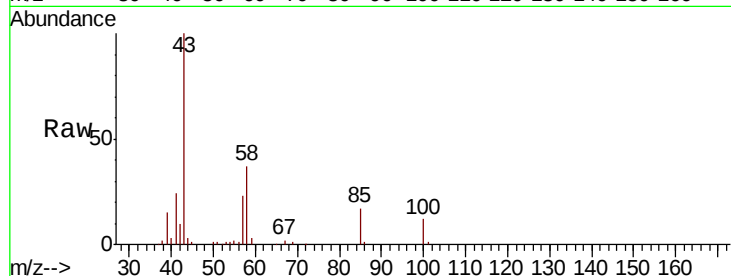




#40
4-Methyl-2-pentanone
Concen: 7.506 ug/L
RT: 7.81 min Scan# 2012
Delta R.T. 0.01 min
Lab File: VU039419.D
Acq: 10 Jul 2020 01:29

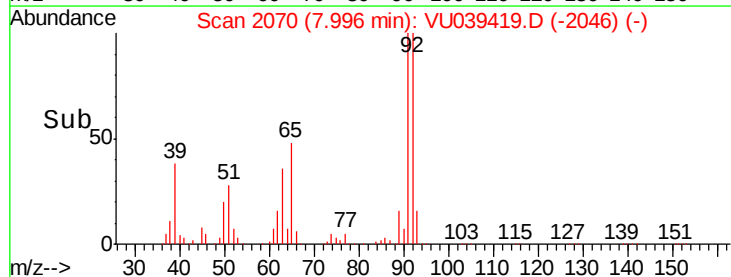
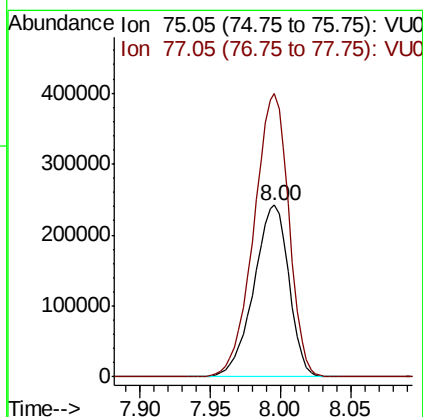
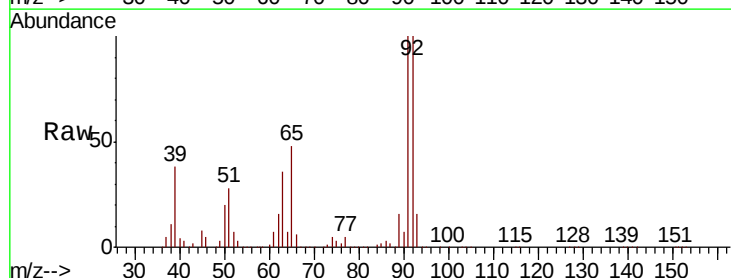
Instrument :
MSVOA_U
ClientSampleId :
BE506

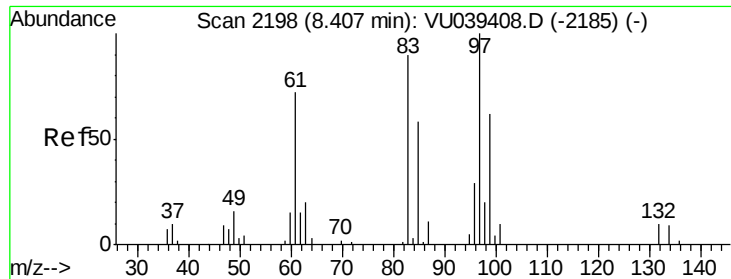
Tot Ion: 43 Resp: 62011
Ion Ratio Lower Upper
43 100
58 37.0 30.5 45.7
100 12.6 10.3 15.5



#44
trans-1,3-Dichloropropene
Concen: 31.746 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. -0.22 min
Lab File: VU039419.D
Acq: 10 Jul 2020 01:29

Tgt Ion: 75 Resp: 421632
Ion Ratio Lower Upper
75 100
77 164.9 23.7 43.9#

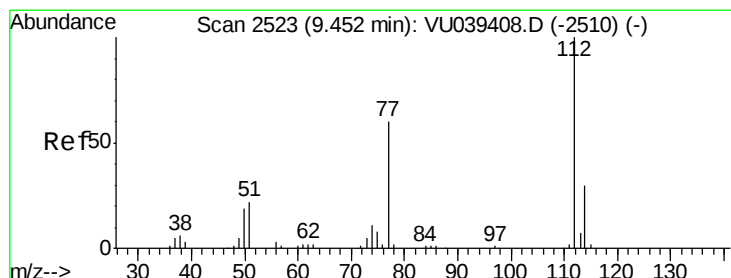
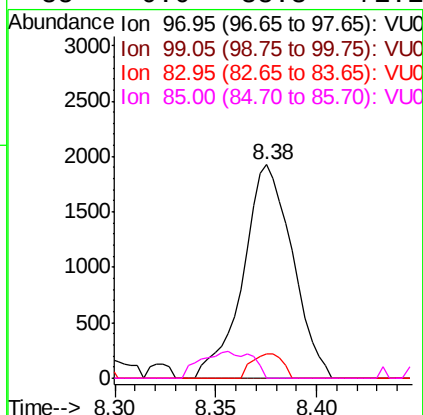
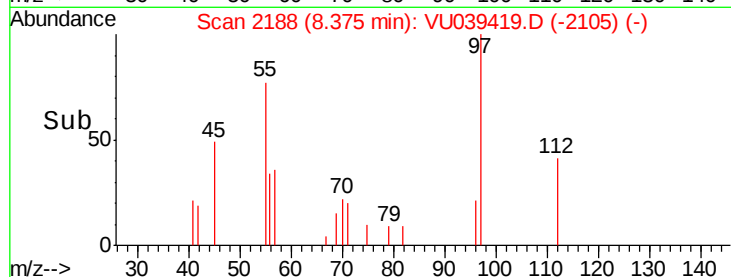
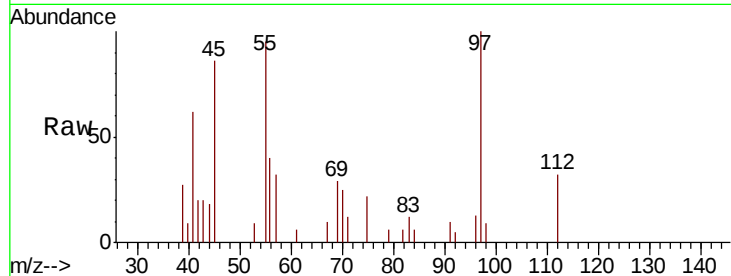




#45
 1,1,2-Trichloroethane
 Concen: 0.462 ug/L
 RT: 8.38 min Scan# 2188
 Delta R.T. -0.03 min
 Lab File: VU039419.D
 Acq: 10 Jul 2020 01:29

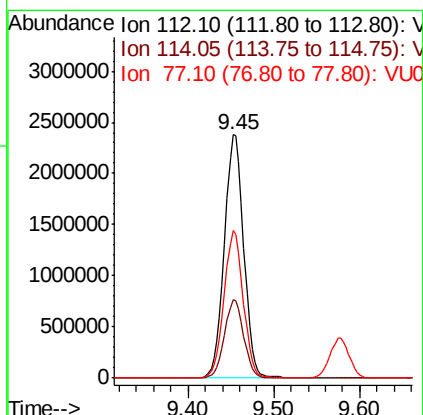
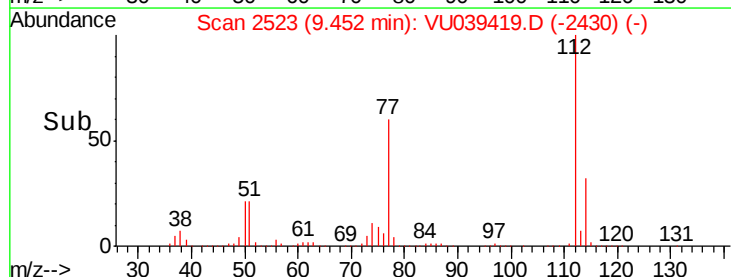
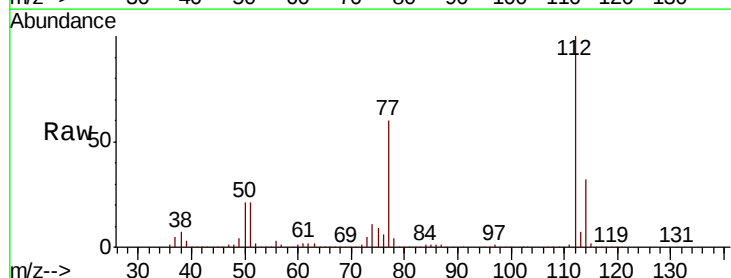
Instrument :
 MSVOA_U
 ClientSampleId :
 BE506

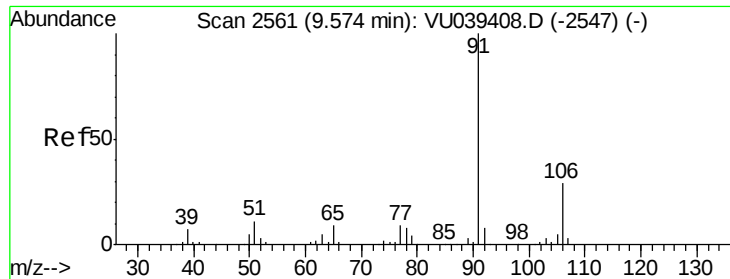
Tot Ion: 97 Resp: 3284
 Ion Ratio Lower Upper
 97 100
 99 0.0 40.7 75.7#
 83 11.7 60.6 112.6#
 85 0.0 38.3 71.1#



#51
 Chlorobenzene
 Concen: 157.393 ug/L
 RT: 9.45 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: VU039419.D
 Acq: 10 Jul 2020 01:29

Tgt Ion: 112 Resp: 3741416
 Ion Ratio Lower Upper
 112 100
 114 32.0 22.1 41.1
 77 60.5 49.9 74.9





#52

Ethylbenzene

Concen: 162.223 ug/L

RT: 9.58 min Scan# 2562

Delta R.T. 0.00 min

Lab File: VU039419.D

Acq: 10 Jul 2020 01:29

Instrument :

MSVOA_U

ClientSampleId :

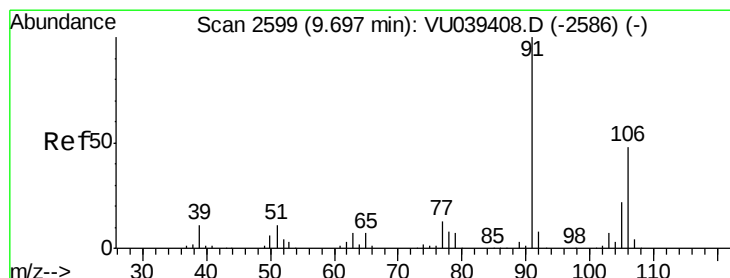
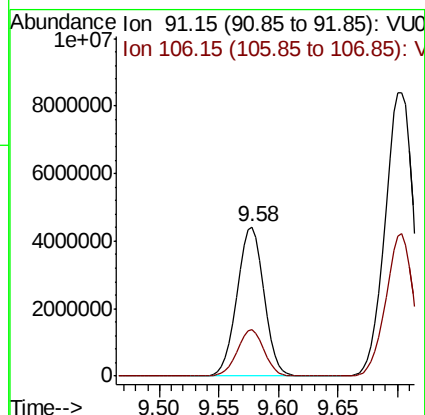
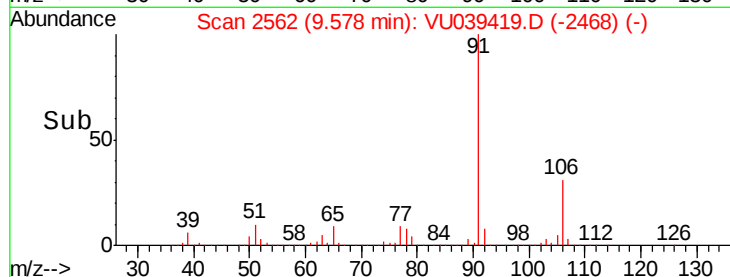
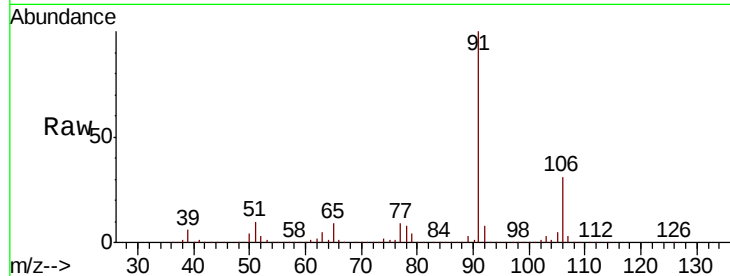
BE506

Tot Ion: 91 Resp: 6974371

Ion Ratio Lower Upper

91 100

106 30.9 21.3 39.6



#53

m,p-Xylene

Concen: 423.017 ug/L

RT: 9.70 min Scan# 2601

Delta R.T. 0.01 min

Lab File: VU039419.D

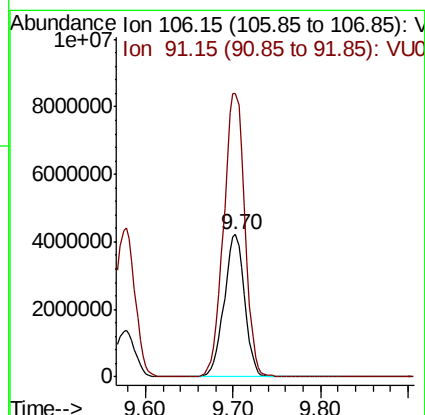
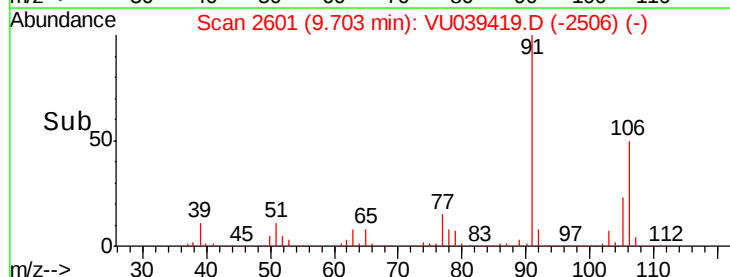
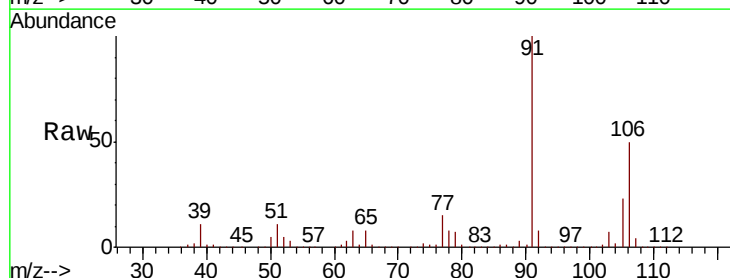
Acq: 10 Jul 2020 01:29

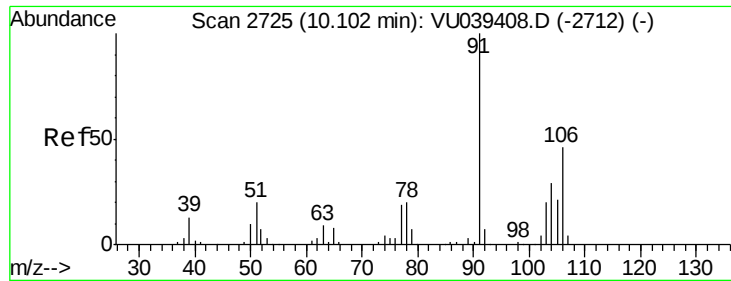
Tgt Ion: 106 Resp: 6852478

Ion Ratio Lower Upper

106 100

91 199.2 144.0 267.4

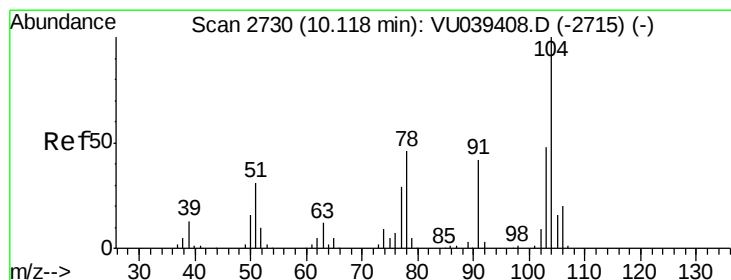
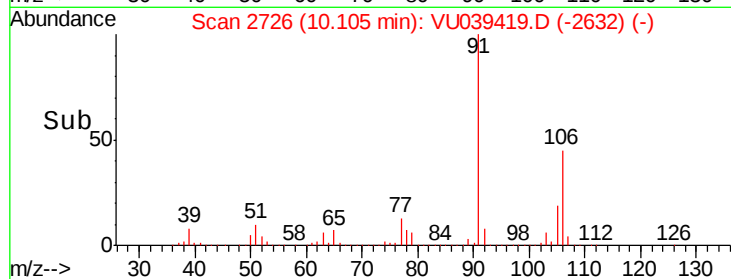
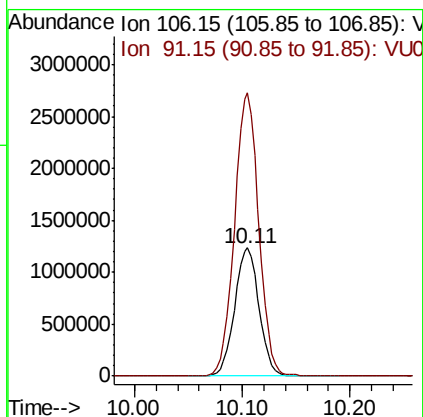
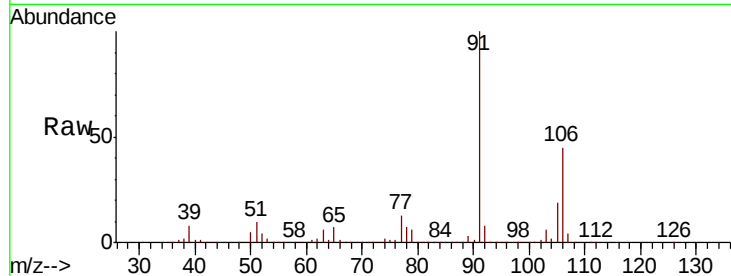




#54
o-Xylene
Concen: 123.560 ug/L
RT: 10.11 min Scan# 2726
Delta R.T. 0.00 min
Lab File: VU039419.D
Acq: 10 Jul 2020 01:29

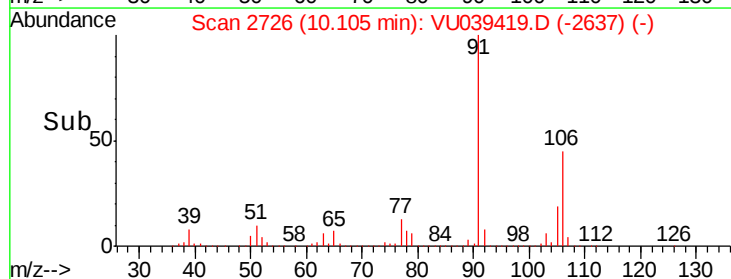
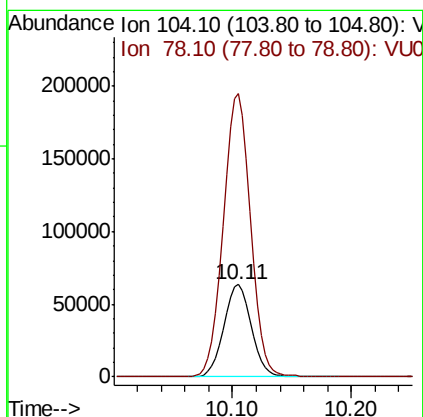
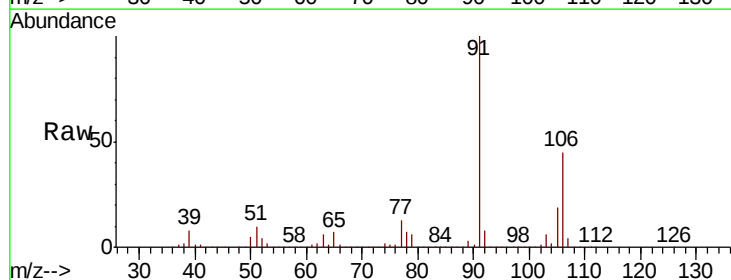
Instrument :
MSVOA_U
ClientSampleId :
BE506

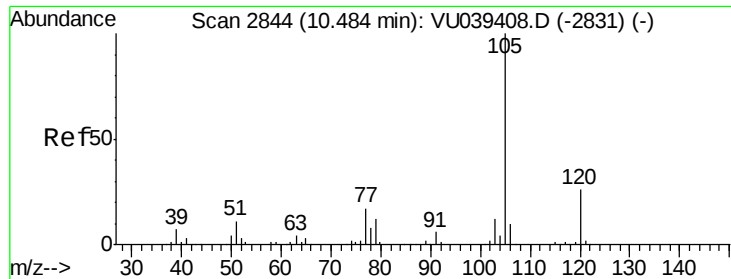
Tot Ion:106 Resp: 1948564
Ion Ratio Lower Upper
106 100
91 220.5 154.6 287.2



#55
Styrene
Concen: 3.724 ug/L
RT: 10.11 min Scan# 2726
Delta R.T. -0.01 min
Lab File: VU039419.D
Acq: 10 Jul 2020 01:29

Tgt Ion:104 Resp: 102196
Ion Ratio Lower Upper
104 100
78 306.3 33.1 61.5#





#56

Isopropylbenzene

Concen: 27.654 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU039419.D

Acq: 10 Jul 2020 01:29

Instrument :

MSVOA_U

ClientSampled :

BE506

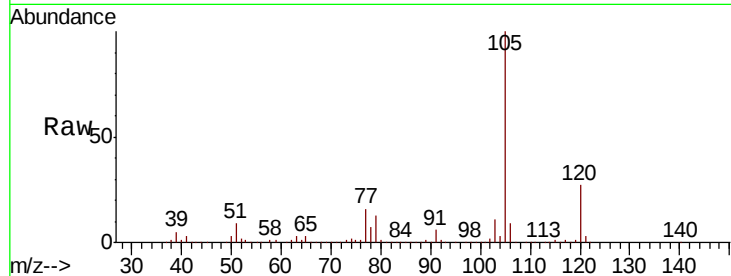
Tot Ion:105 Resp: 1179418

Ion Ratio Lower Upper

105 100

120 26.8 20.7 31.1

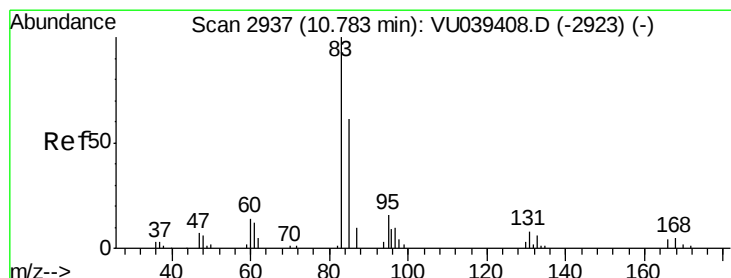
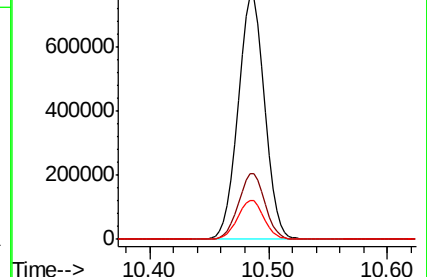
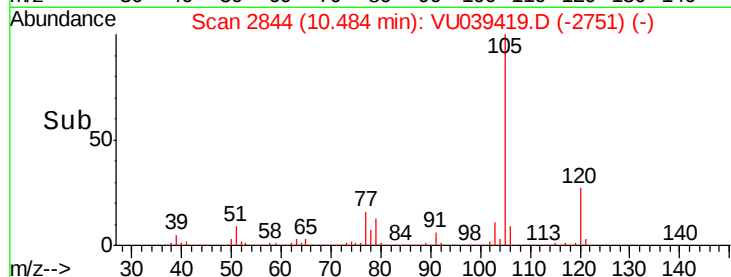
77 16.1 13.9 20.9



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



#58

1,1,2,2-Tetrachloroethane

Concen: 0.296 ug/L

RT: 10.80 min Scan# 2942

Delta R.T. 0.02 min

Lab File: VU039419.D

Acq: 10 Jul 2020 01:29

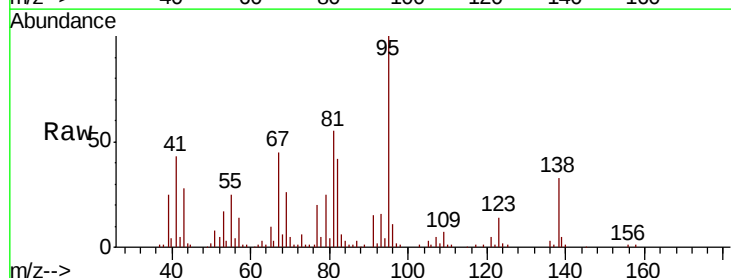
Tgt Ion: 83 Resp: 2935

Ion Ratio Lower Upper

83 100

85 14.2 46.1 85.7#

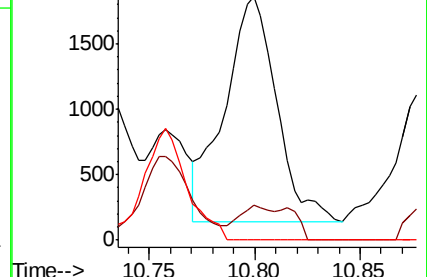
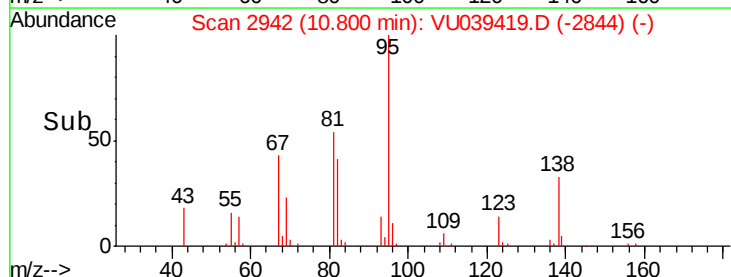
131 0.0 7.4 11.0#

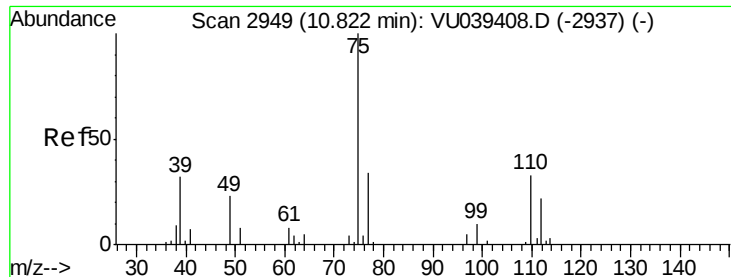


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V

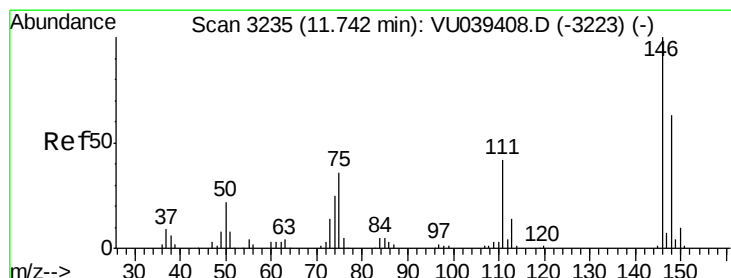
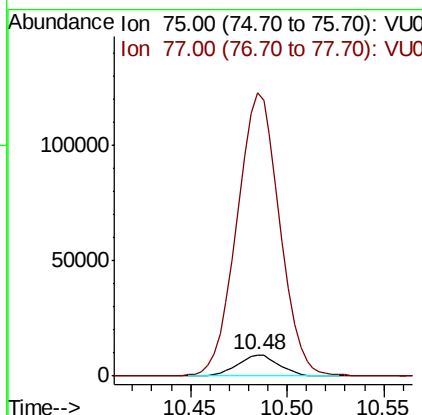
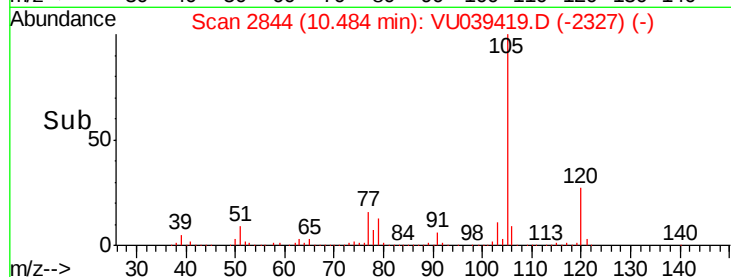
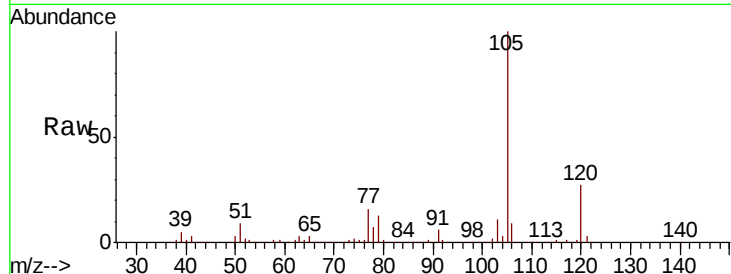




#59
 1,2,3-Trichloropropane
 Concen: 1.904 ug/L
 RT: 10.48 min Scan# 2844
 Delta R.T. -0.34 min
 Lab File: VU039419.D
 Acq: 10 Jul 2020 01:29

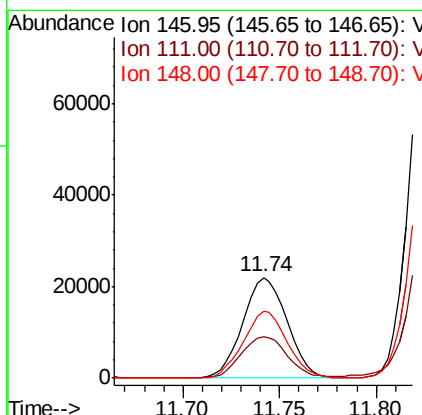
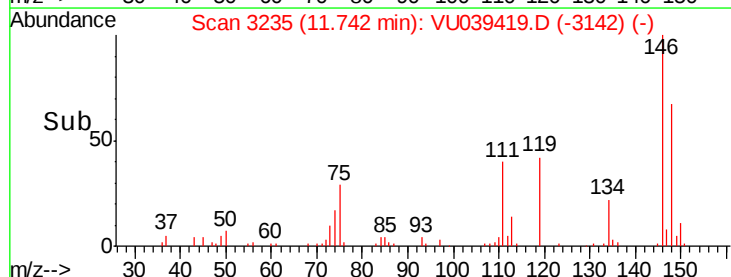
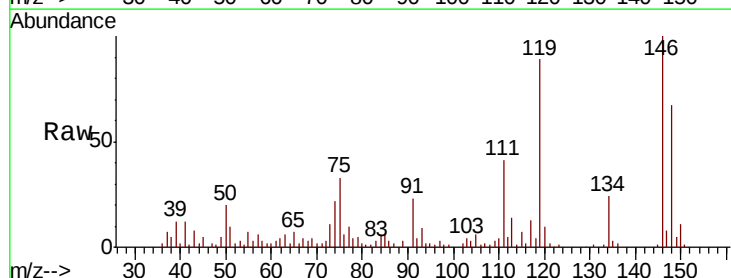
Instrument :
 MSVOA_U
 ClientSampled :
 BE506

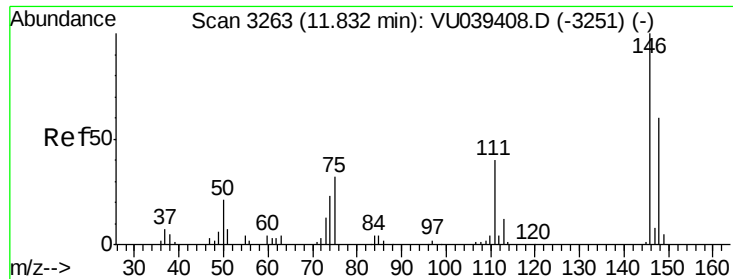
Tot Ion: 75 Resp: 13898
 Ion Ratio Lower Upper
 75 100
 77 1363.2 26.8 40.2#



#62
 1,3-Dichlorobenzene
 Concen: 1.290 ug/L
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU039419.D
 Acq: 10 Jul 2020 01:29

Tgt Ion: 146 Resp: 35007
 Ion Ratio Lower Upper
 146 100
 111 41.3 29.0 53.8
 148 66.8 43.5 80.9





#63

1,4-Dichlorobenzene

Concen: 7.472 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.00 min

Lab File: VU039419.D

Acq: 10 Jul 2020 01:29

Instrument :

MSVOA_U

ClientSampleId :

BE506

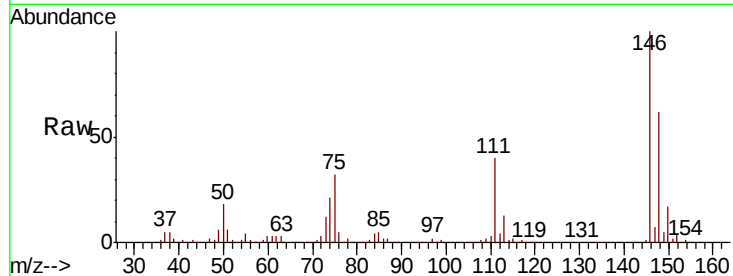
Tot Ion:146 Resp: 203449

Ion Ratio Lower Upper

146 100

111 39.5 28.6 53.0

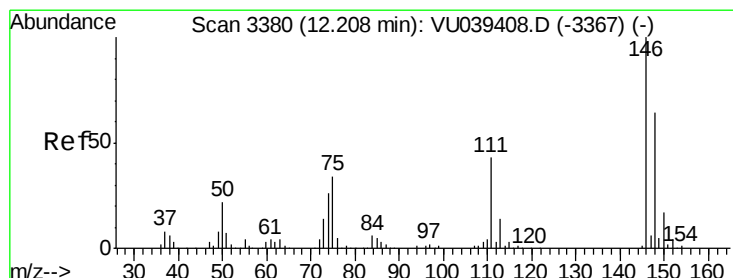
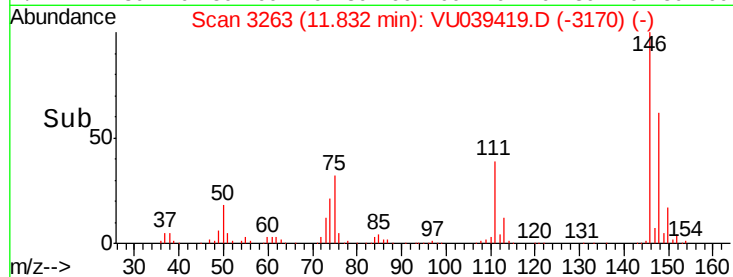
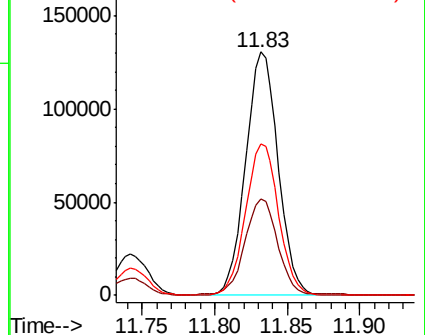
148 62.2 45.0 83.6



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



#65

1,2-Dichlorobenzene

Concen: 10.641 ug/L

RT: 12.21 min Scan# 3380

Delta R.T. 0.00 min

Lab File: VU039419.D

Acq: 10 Jul 2020 01:29

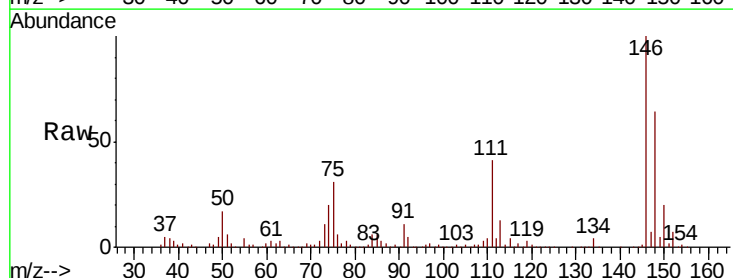
Tgt Ion:146 Resp: 289515

Ion Ratio Lower Upper

146 100

111 41.3 35.0 52.4

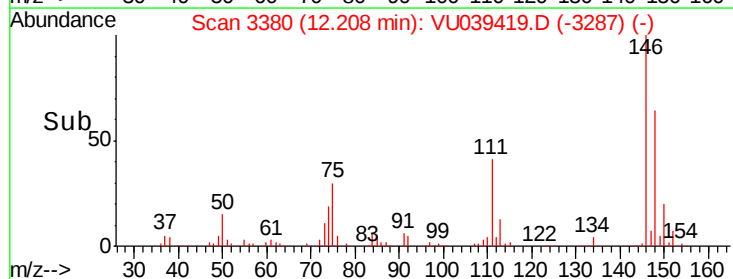
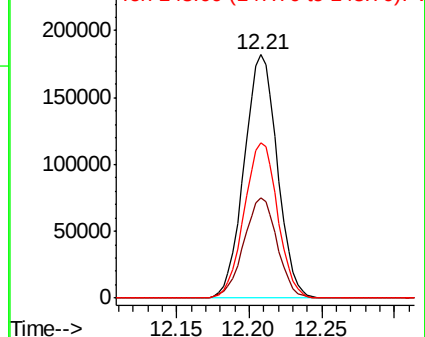
148 64.0 50.6 75.8

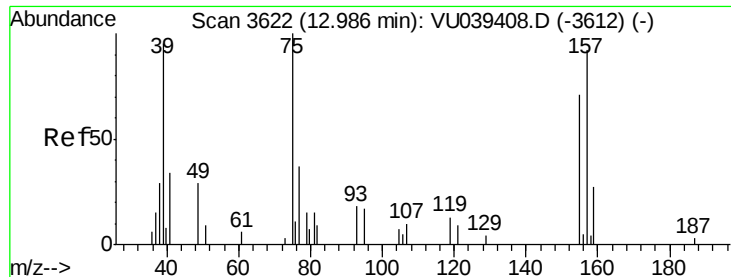


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

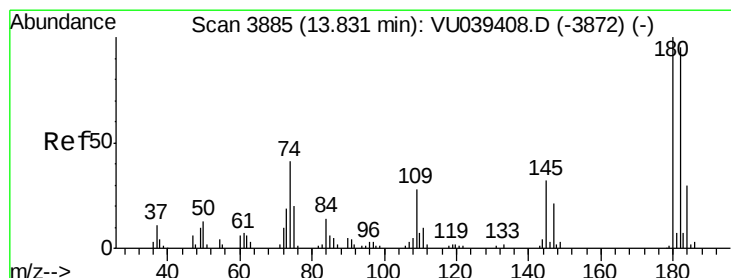
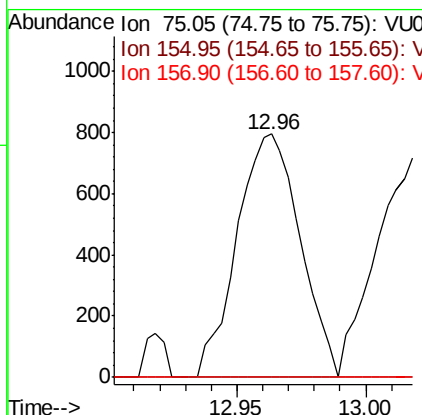
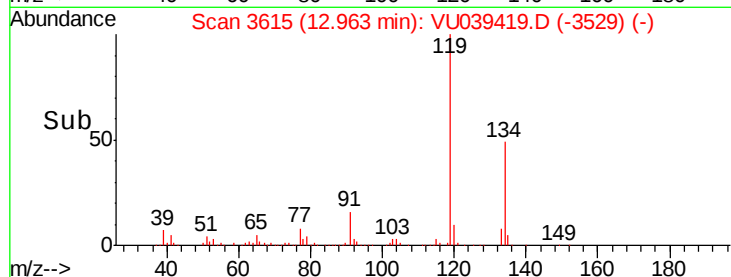
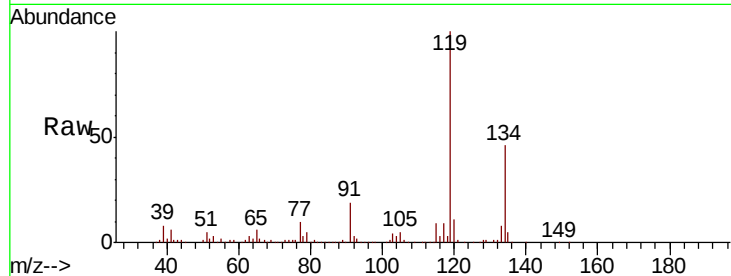




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.565 ug/L
 RT: 12.96 min Scan# 3615
 Delta R.T. -0.02 min
 Lab File: VU039419.D
 Acq: 10 Jul 2020 01:29

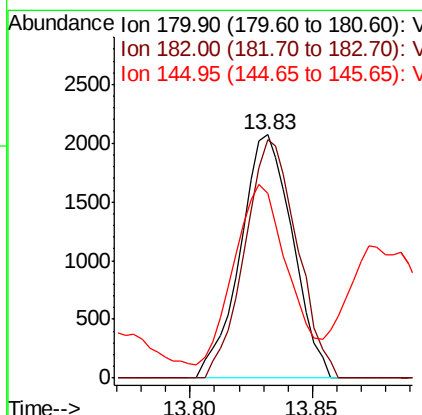
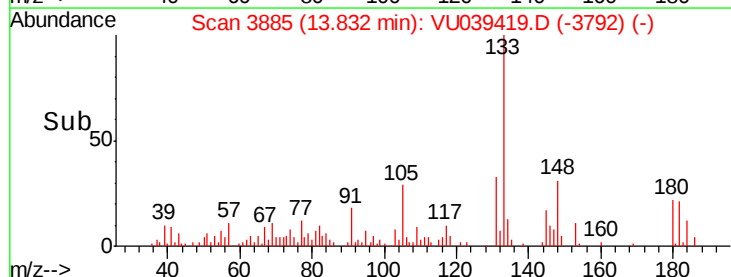
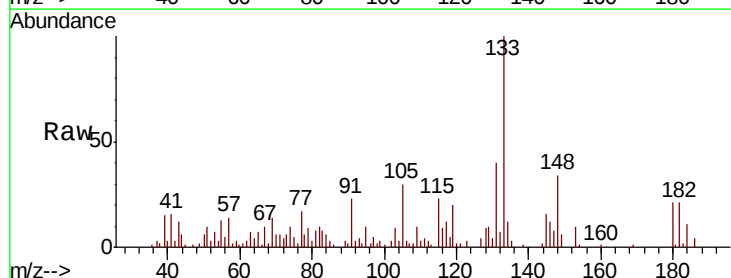
Instrument :
 MSVOA_U
 ClientSampleId :
 BE506

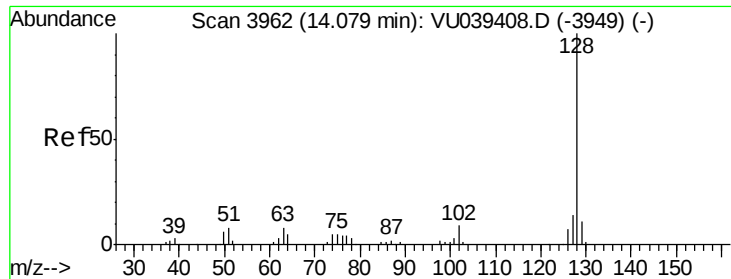
Tot Ion: 75 Resp: 1357
 Ion Ratio Lower Upper
 75 100
 155 0.0 51.9 77.9#
 157 0.0 63.2 94.8#



#68
 1,2,4-trichlorobenzene
 Concen: 0.177 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU039419.D
 Acq: 10 Jul 2020 01:29

Tgt Ion: 180 Resp: 3079
 Ion Ratio Lower Upper
 180 100
 182 98.0 79.4 119.2
 145 76.1 26.4 39.6#





#69

Naphthalene

Concen: 24.139 ug/L

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU039419.D

Acq: 10 Jul 2020 01:29

Instrument :

MSVOA_U

ClientSampleId :

BE506

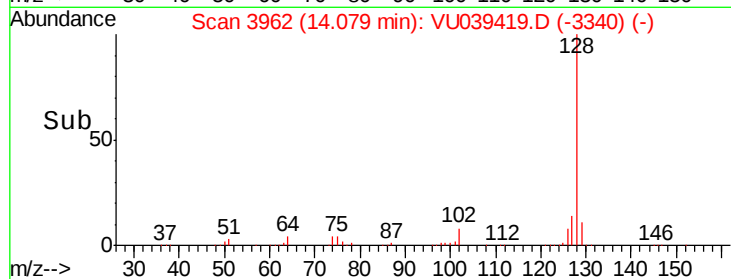
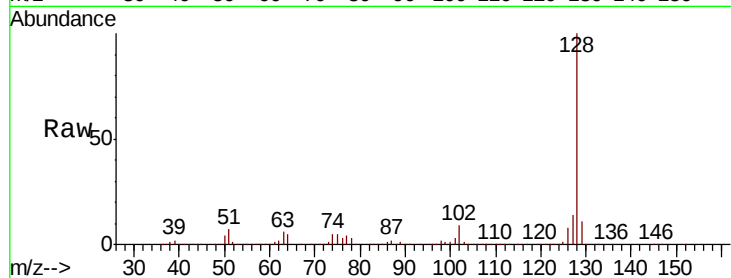
Tot Ion:128 Resp: 844161

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.3 10.4 15.6



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

