

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003110.D
 Acq On : 06 Jul 2020 14:01
 Operator : SY/MD
 Sample : L3217-02
 Misc : 5.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-NHS

Quant Time: Jul 07 07:03:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	284264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	446983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	413498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	191748	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	156547	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	
35) Dibromofluoromethane	7.73	113	144675	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	10.18	98	532381	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.48	95	181119	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	

Target Compounds

						Qvalue
3) Chloromethane	2.11	50	7306	2.318	ug/l	91
8) Diethyl Ether	3.54	74	1658	1.114	ug/l	74
11) Tert butyl alcohol	4.97	59	15027	52.226	ug/l #	94
13) Acrolein	3.74	56	2646	10.239	ug/l #	74
14) Allyl chloride	4.43	41	28796	6.689	ug/l #	38
15) Acrylonitrile	5.17	53	3526	4.598	ug/l	90
16) Acetone	3.96	43	112017	168.226	ug/l	97
18) Methyl Acetate	4.48	43	21494	11.981	ug/l	95
20) Methylene Chloride	4.73	84	108063	34.160	ug/l	91
24) 1,1-Dichloroethane	6.02	63	6857	1.360	ug/l	94
25) 2-Butanone	7.00	43	61996	58.612	ug/l	90
29) Tetrahydrofuran	7.33	42	17071	24.269	ug/l #	61
30) Chloroform	7.51	83	54222	10.858	ug/l	99
31) Cyclohexane	7.78	56	9307	1.874	ug/l #	60
32) 1,1,1-Trichloroethane	7.71	97	238116	52.241	ug/l	99
37) Ethyl Acetate	7.00	43	61996	23.949	ug/l #	76
38) Carbon Tetrachloride	7.80	117	25725	5.743	ug/l #	18
39) Methylcyclohexane	9.19	83	5820	1.090	ug/l	95
40) Benzene	8.16	78	18613	1.579	ug/l	100
41) Methacrylonitrile	7.33	41	82969	59.999	ug/l #	34
44) Trichloroethene	8.94	130	8935	2.608	ug/l	82
48) Methyl methacrylate	9.27	41	19041	8.500	ug/l #	54
49) 1,4-Dioxane	9.30	88	20917	967.446	ug/l #	23
51) 4-Methyl-2-Pentanone	10.07	43	15956	6.273	ug/l	100
52) Toluene	10.24	92	430291	57.989	ug/l	99
55) 1,1,2-Trichloroethane	10.62	97	5363	2.179	ug/l #	25
59) 2-Hexanone	10.83	43	6543	3.680	ug/l	90
61) 1,2-Dibromoethane	11.25	107	7631	3.145	ug/l #	42
64) Tetrachloroethene	10.72	164	5868	1.677	ug/l	93
67) Ethyl Benzene	11.59	91	42805	2.870	ug/l	99
68) m/p-Xylenes	11.70	106	40271	7.254	ug/l	100
69) o-Xylene	12.03	106	20090	3.840	ug/l	95
73) Isopropylbenzene	12.33	105	61593	4.908	ug/l	97
74) N-amyl acetate	12.12	43	47682	11.672	ug/l #	59

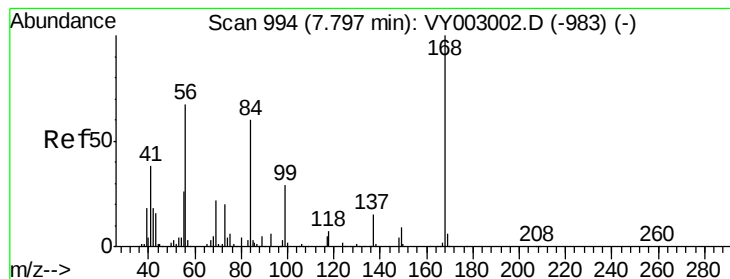
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003110.D
 Acq On : 06 Jul 2020 14:01
 Operator : SY/MD
 Sample : L3217-02
 Misc : 5.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-NHS

Quant Time: Jul 07 07:03:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	12.64	83	17823	7.038	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	13799	7.271	ug/l #	100
78) n-propylbenzene	12.67	91	180394	11.953	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	361580	34.336	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.31	75	10269	10.528	ug/l #	38
84) 1,2,4-Trimethylbenzene	13.12	105	770874	72.648	ug/l	99
85) sec-Butylbenzene	13.25	105	89735	7.041	ug/l #	75
86) p-Isopropyltoluene	13.37	119	86584	7.332	ug/l	99
88) 1,4-Dichlorobenzene	13.22	146	10880	1.837	ug/l #	25
89) n-Butylbenzene	13.67	91	109171	9.662	ug/l #	1
90) Hexachloroethane	13.97	117	21734	9.268	ug/l #	6
91) 1,2-Dichlorobenzene	13.74	146	480247	89.105	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.41	75	11229	25.048	ug/l #	5
95) Naphthalene	15.23	128	44848	6.131	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

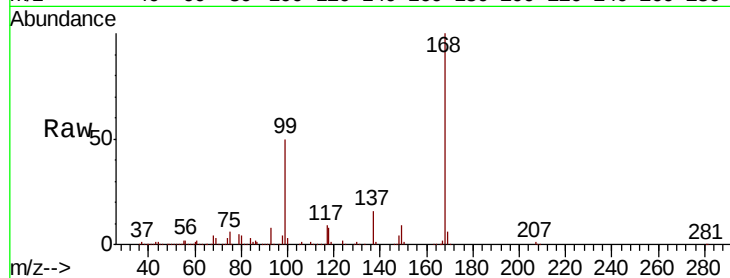
E3-41-NHS

Tot Ion:168 Resp: 284264

Ion Ratio Lower Upper

168 100

99 49.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003110.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003110.D (-945) (-)

7.80

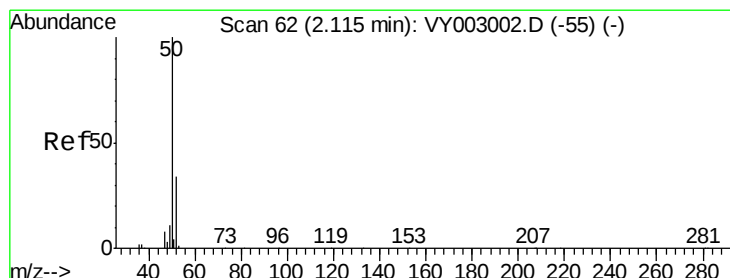
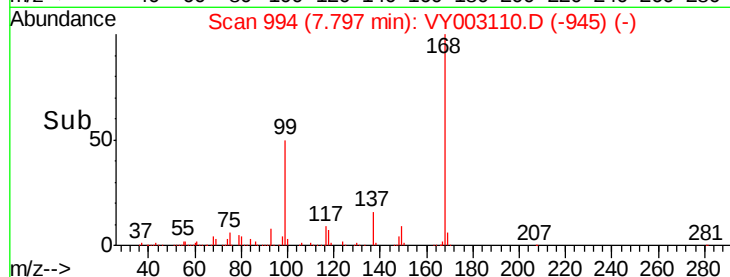
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#3

Chloromethane

Concen: 2.318 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY003110.D

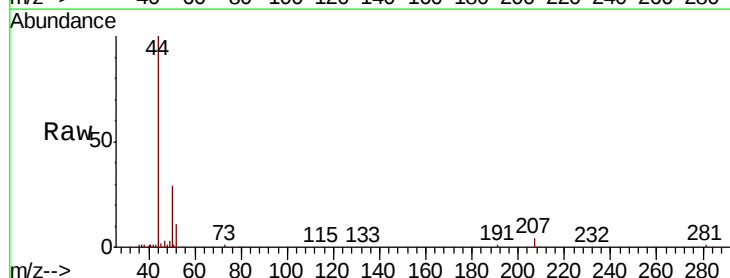
Acq: 06 Jul 2020 14:01

Tgt Ion: 50 Resp: 7306

Ion Ratio Lower Upper

50 100

52 38.6 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY003110.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003110.D (-13) (-)

2.11

5000

4000

3000

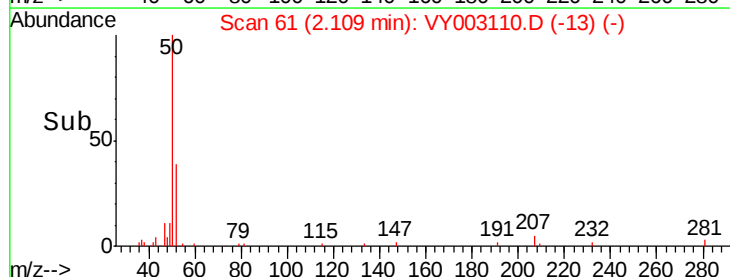
2000

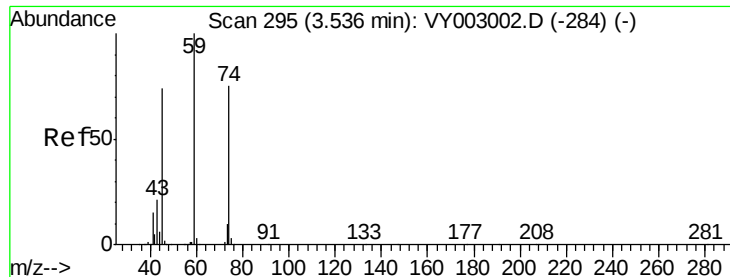
1000

0

2.05 2.10 2.15 2.20

Time-->





#8

Diethyl Ether

Concen: 1.114 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

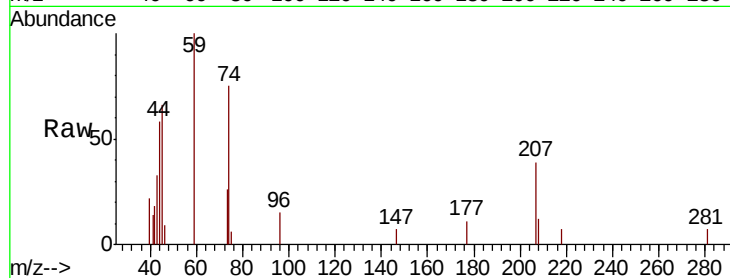
E3-41-NHS

Tot Ion: 74 Resp: 1658

Ion Ratio Lower Upper

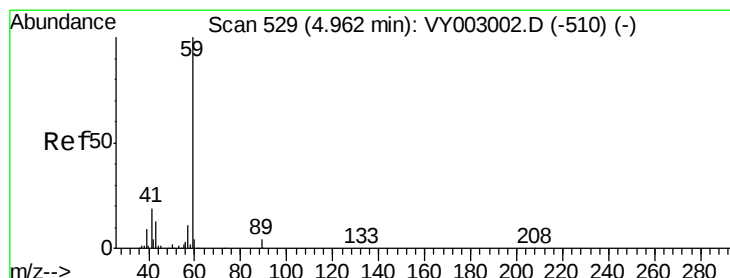
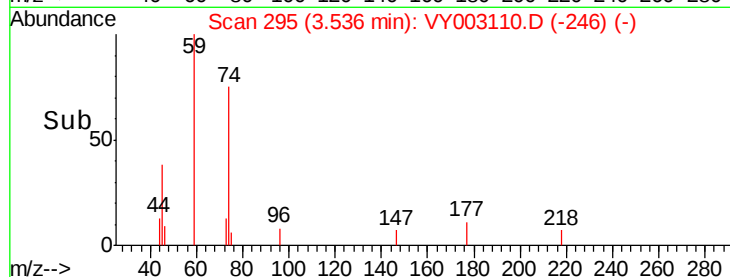
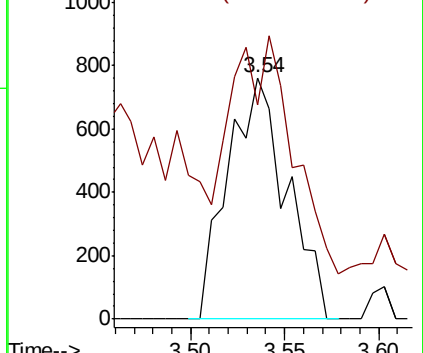
74 100

45 124.4 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0



#11

Tert butyl alcohol

Concen: 52.226 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.01 min

Lab File: VY003110.D

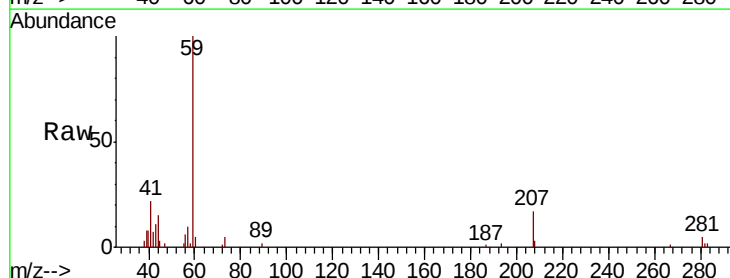
Acq: 06 Jul 2020 14:01

Tgt Ion: 59 Resp: 15027

Ion Ratio Lower Upper

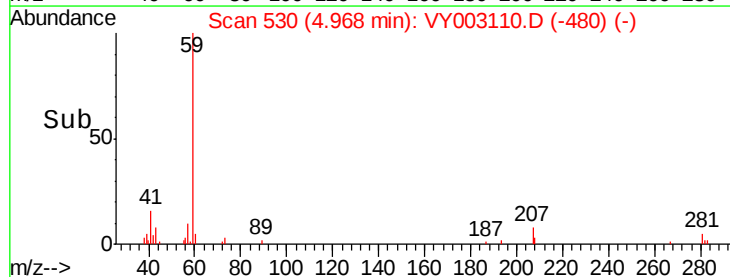
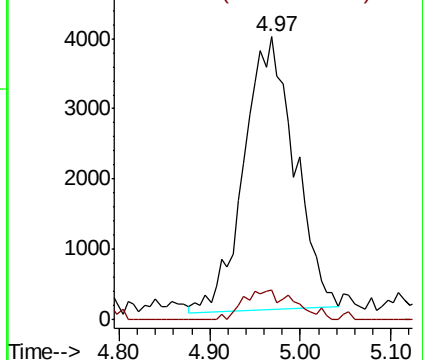
59 100

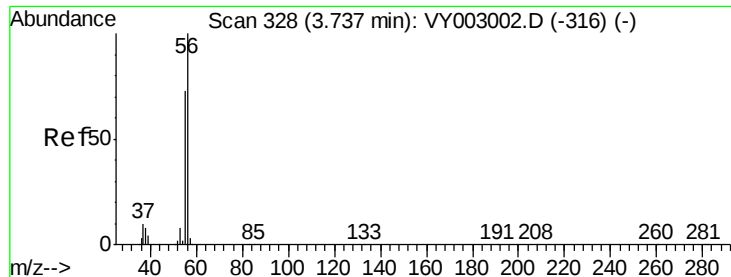
57 7.7 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0





#13

Acrolein

Concen: 10.239 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

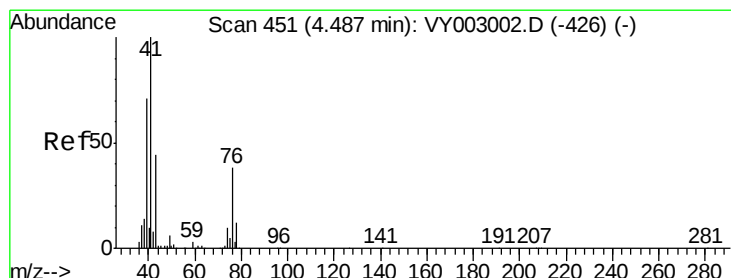
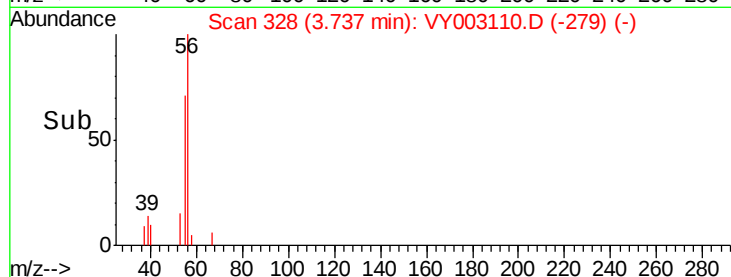
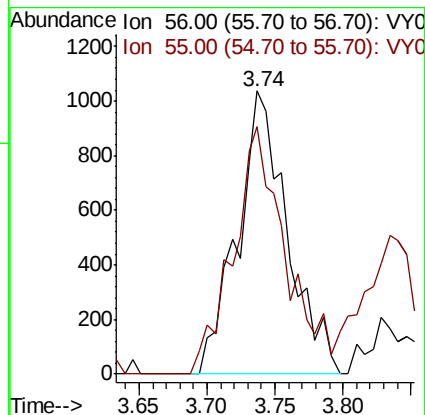
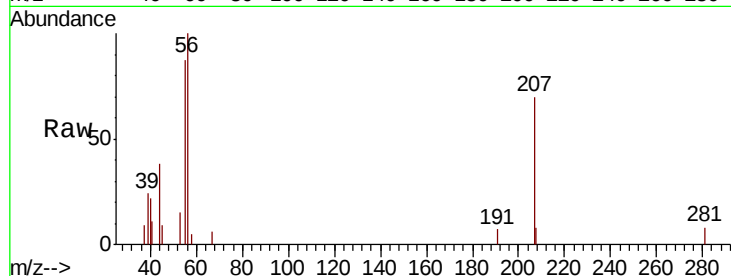
E3-41-NHS

Tot Ion: 56 Resp: 2646

Ion Ratio Lower Upper

56 100

55 91.6 56.4 84.6#



#14

Allyl chloride

Concen: 6.689 ug/l

RT: 4.43 min Scan# 442

Delta R.T. -0.05 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

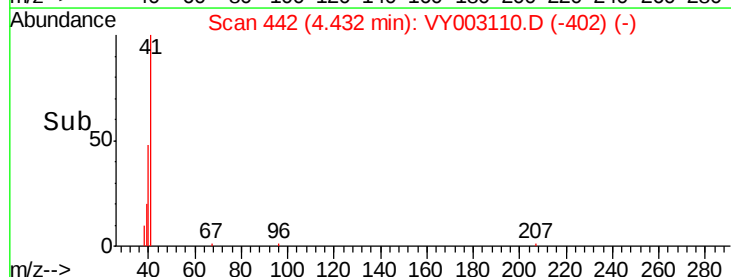
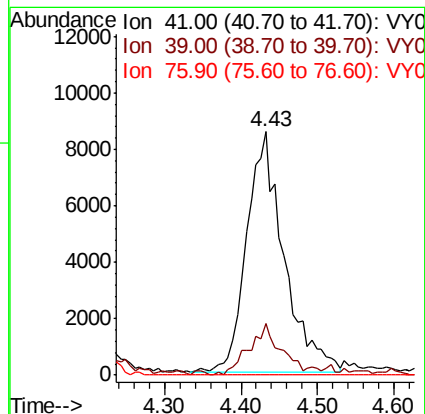
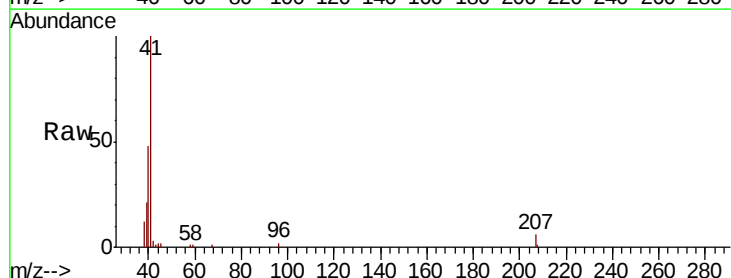
Tgt Ion: 41 Resp: 28796

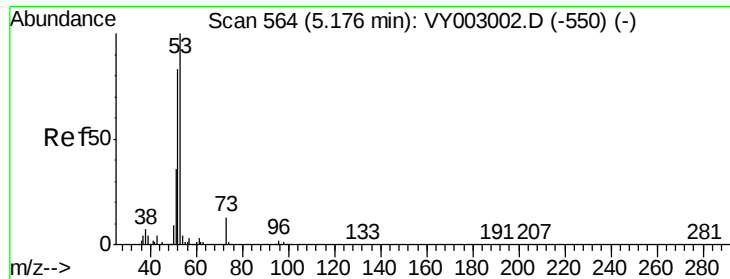
Ion Ratio Lower Upper

41 100

39 18.3 55.6 83.4#

76 0.0 28.6 43.0#





#15

Acrylonitrile

Concen: 4.598 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-NHS

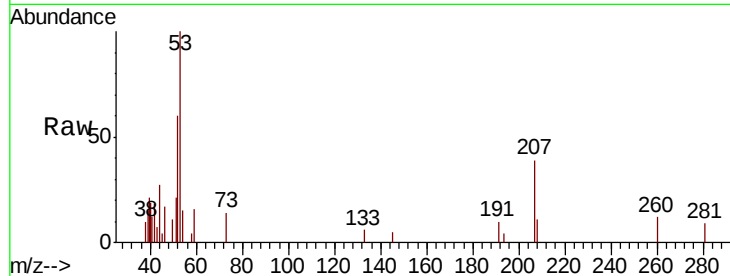
Tot Ion: 53 Resp: 3526

Ion Ratio Lower Upper

53 100

52 94.7 66.2 99.2

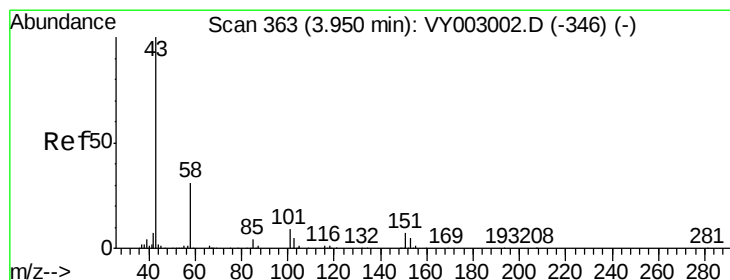
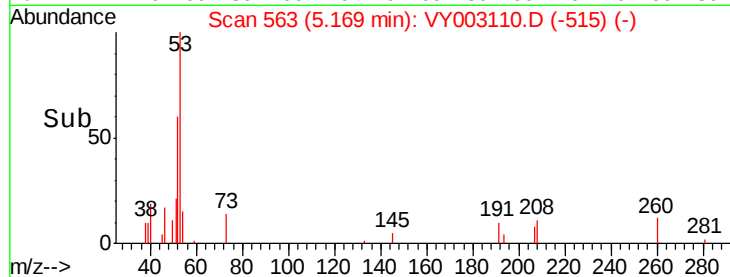
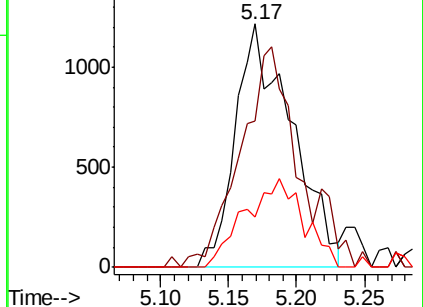
51 37.6 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VY003110.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY003110.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY003110.D (-515) (-)



#16

Acetone

Concen: 168.226 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003110.D

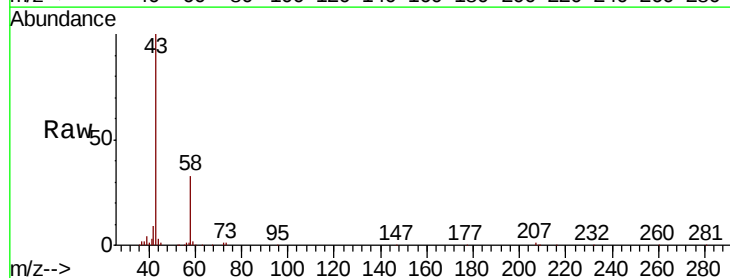
Acq: 06 Jul 2020 14:01

Tgt Ion: 43 Resp: 112017

Ion Ratio Lower Upper

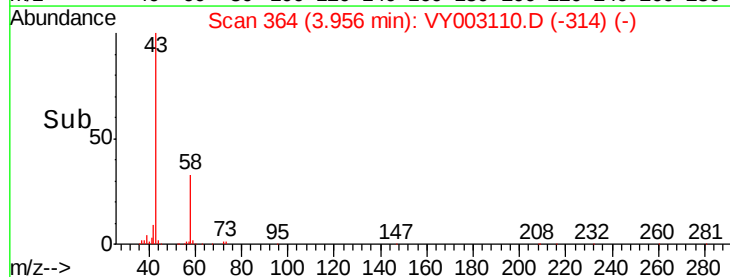
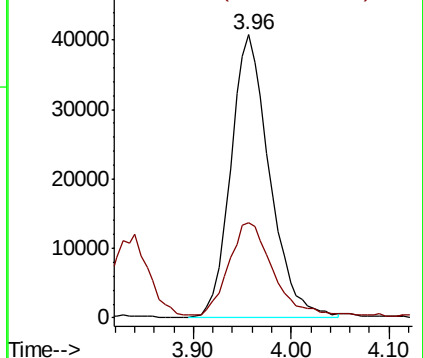
43 100

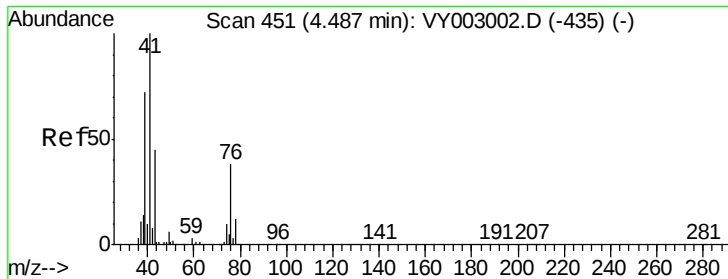
58 32.3 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003110.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003110.D (-314) (-)

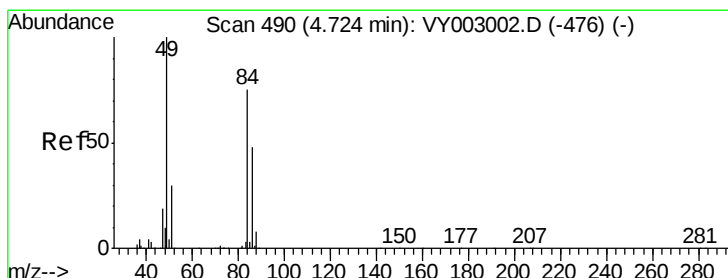
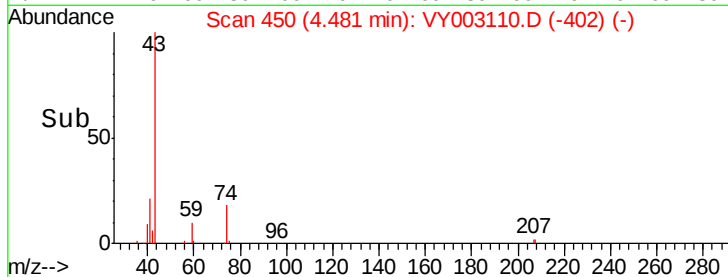
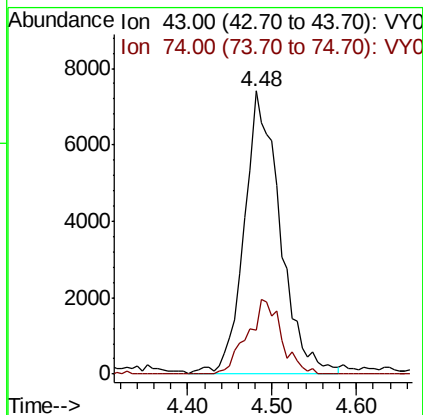
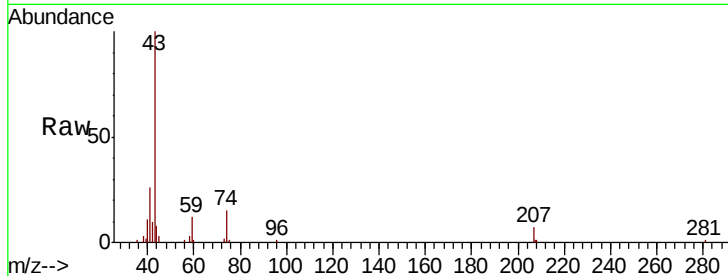




#18
Methvl Acetate
Concen: 11.981 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003110.D
Acq: 06 Jul 2020 14:01

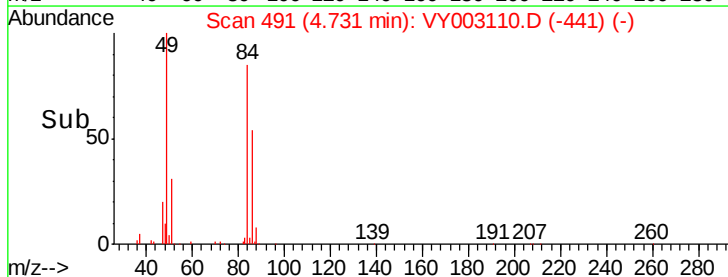
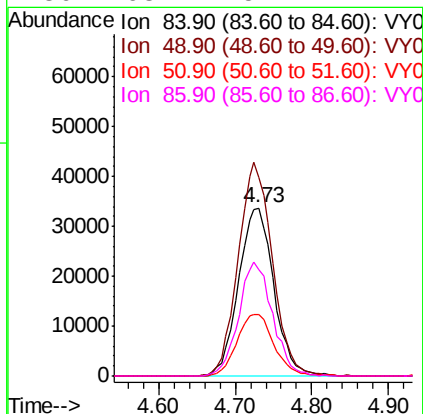
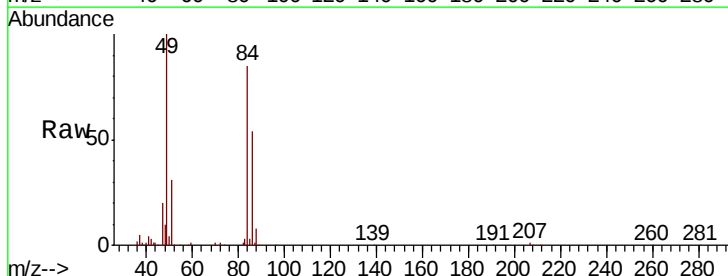
Instrument :
MSVOA_Y
ClientSampleId :
E3-41-NHS

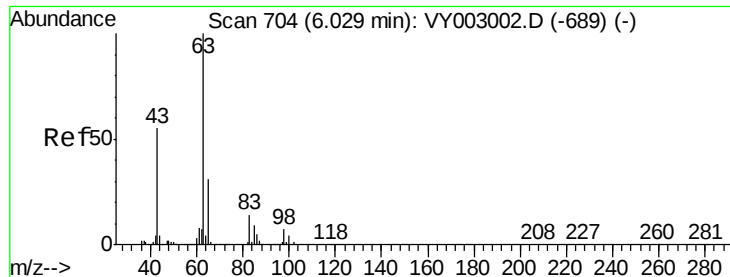
Tot Ion: 43 Resp: 21494
Ion Ratio Lower Upper
43 100
74 25.0 18.2 27.4



#20
Methylene Chloride
Concen: 34.160 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003110.D
Acq: 06 Jul 2020 14:01

Tgt Ion: 84 Resp: 108063
Ion Ratio Lower Upper
84 100
49 117.7 106.8 160.2
51 36.7 32.0 48.0
86 63.1 51.4 77.2





#24

1,1-Dichloroethane

Concen: 1.360 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-NHS

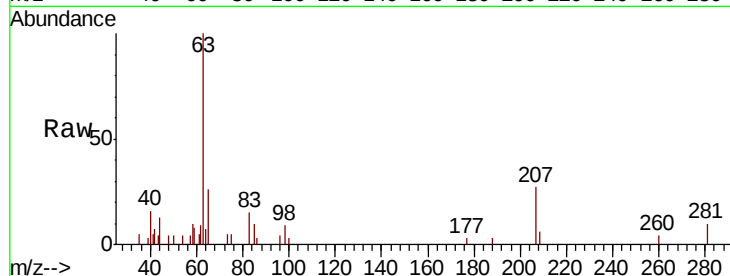
Tot Ion: 63 Resp: 6857

Ion Ratio Lower Upper

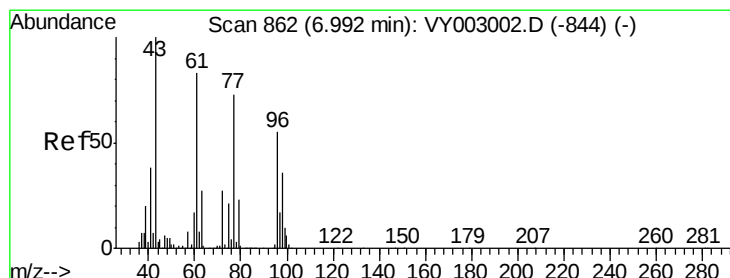
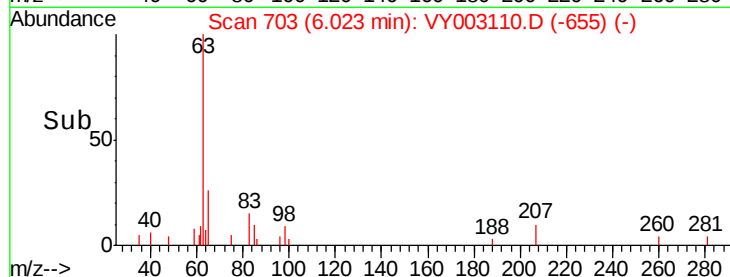
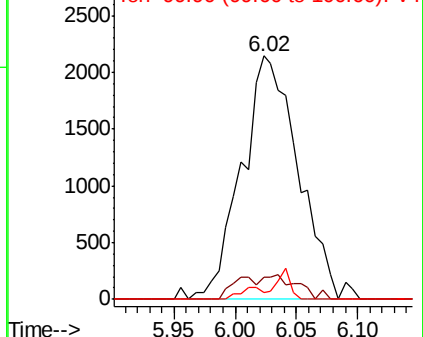
63 100

98 9.0 3.4 10.1

100 2.6 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0



#25

2-Butanone

Concen: 58.612 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003110.D

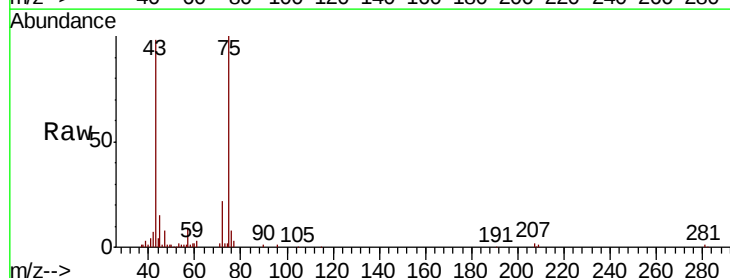
Acq: 06 Jul 2020 14:01

Tgt Ion: 43 Resp: 61996

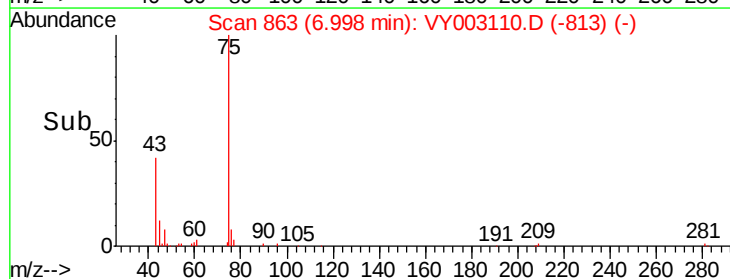
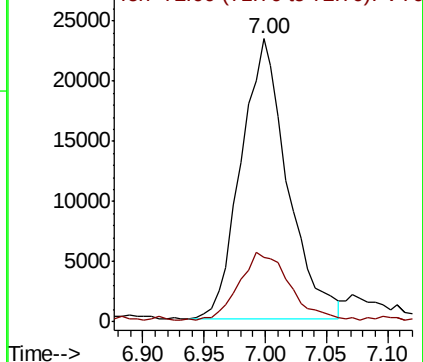
Ion Ratio Lower Upper

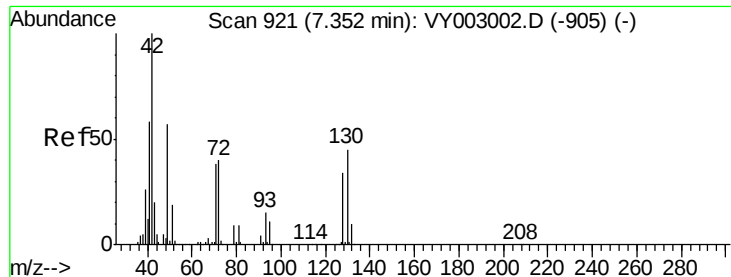
43 100

72 21.8 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

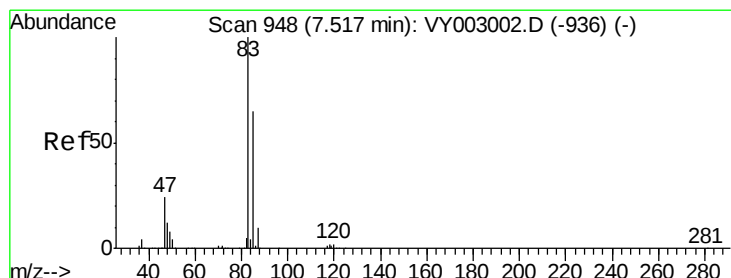
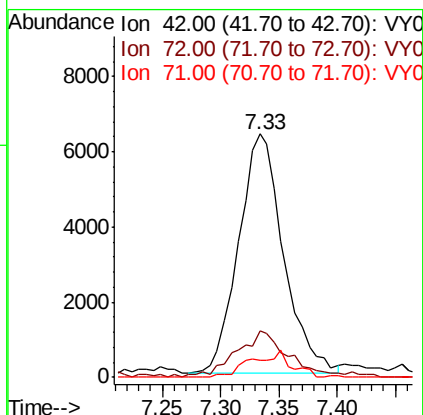
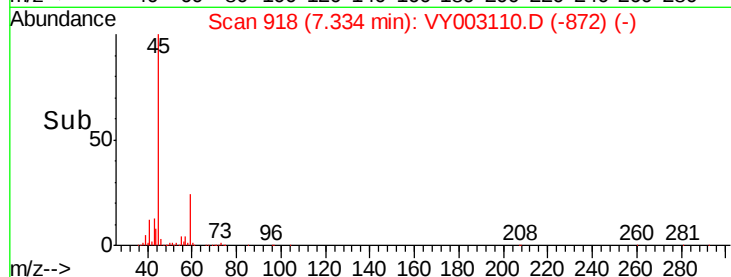
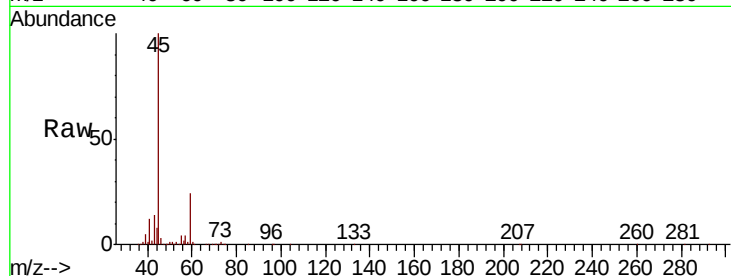




#29
Tetrahydrofuran
Concen: 24.269 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.02 min
Lab File: VY003110.D
Acq: 06 Jul 2020 14:01

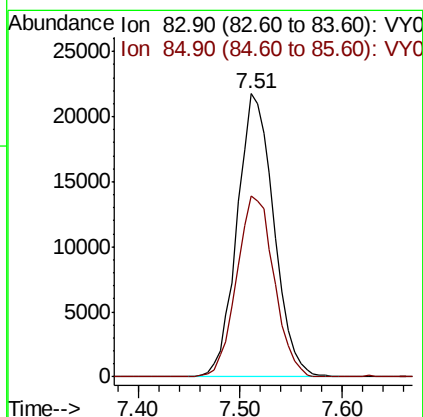
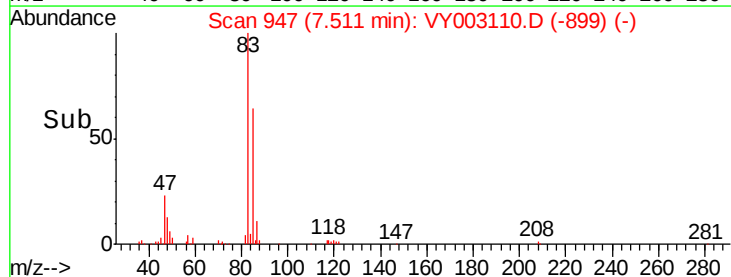
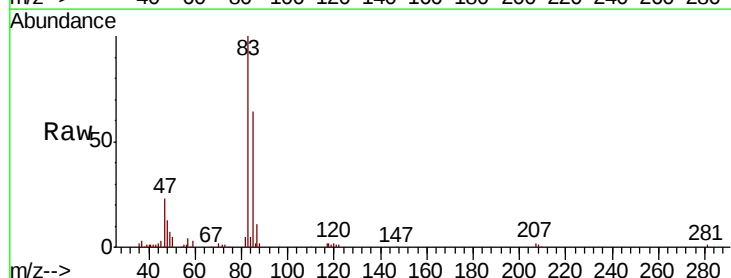
Instrument :
MSVOA_Y
ClientSampleId :
E3-41-NHS

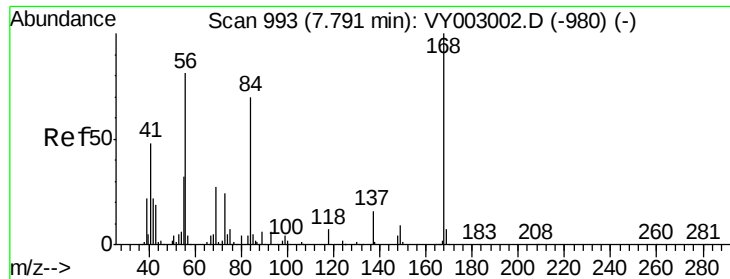
Tot Ion: 42 Resp: 17071
Ion Ratio Lower Upper
42 100
72 22.3 32.9 49.3#
71 9.9 31.2 46.8#



#30
Chloroform
Concen: 10.858 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003110.D
Acq: 06 Jul 2020 14:01

Tgt Ion: 83 Resp: 54222
Ion Ratio Lower Upper
83 100
85 63.9 51.7 77.5

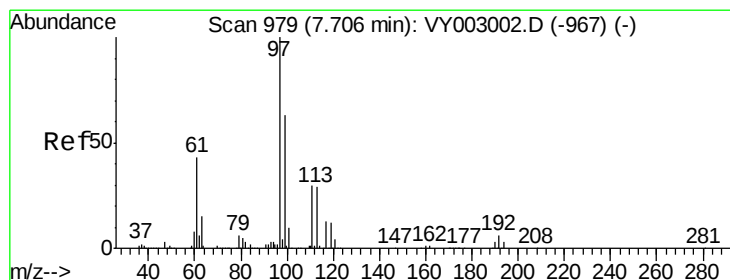
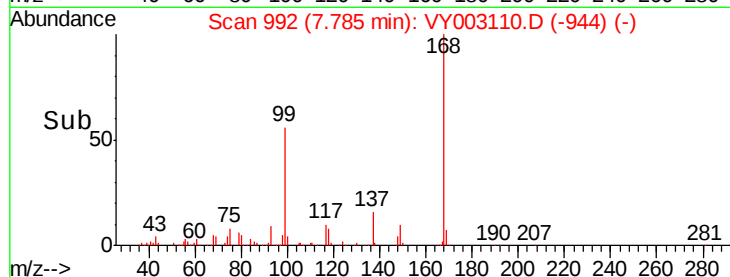
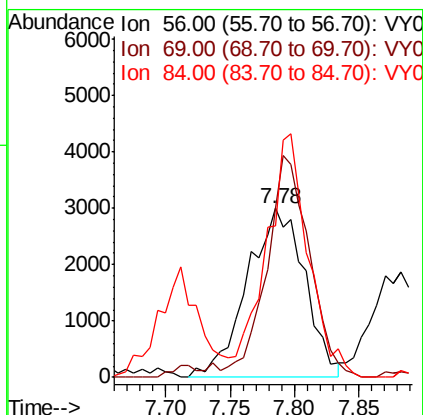
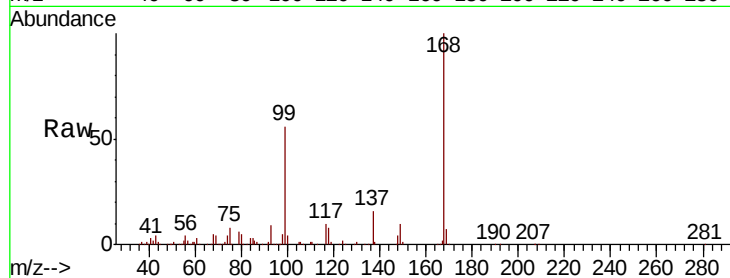




#31
Cyclohexane
Concen: 1.874 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003110.D
Acq: 06 Jul 2020 14:01

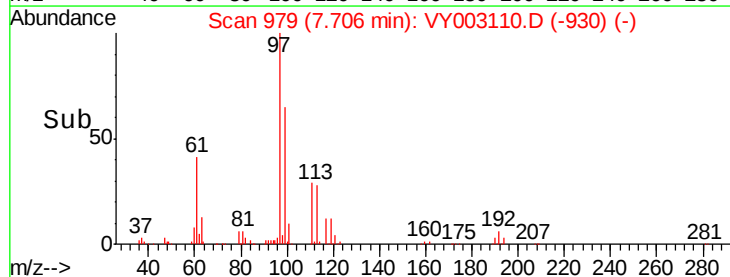
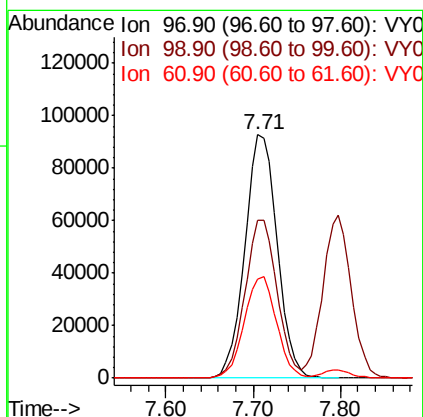
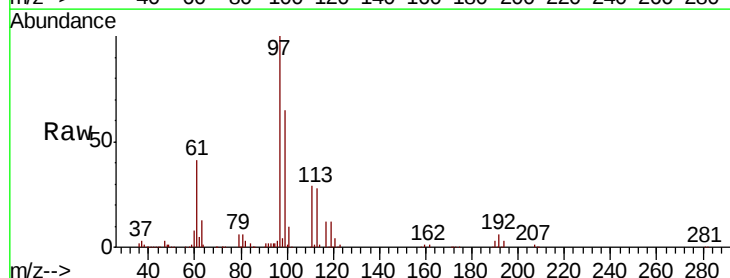
Instrument :
MSVOA_Y
ClientSampleId :
E3-41-NHS

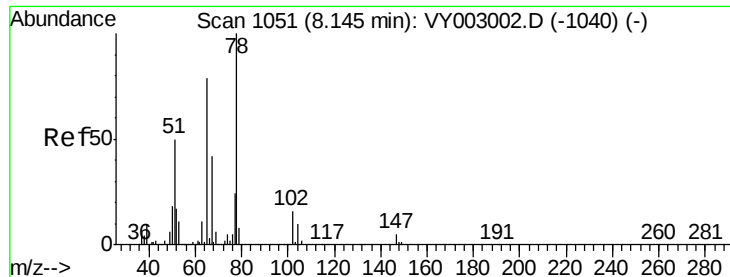
Tot Ion: 56 Resp: 9307
Ion Ratio Lower Upper
56 100
69 93.6 27.0 40.4#
84 72.2 68.1 102.1



#32
1,1,1-Trichloroethane
Concen: 52.241 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003110.D
Acq: 06 Jul 2020 14:01

Tgt Ion: 97 Resp: 238116
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 41.6 33.9 50.9

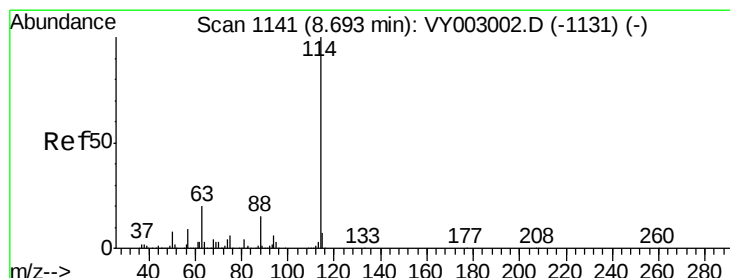
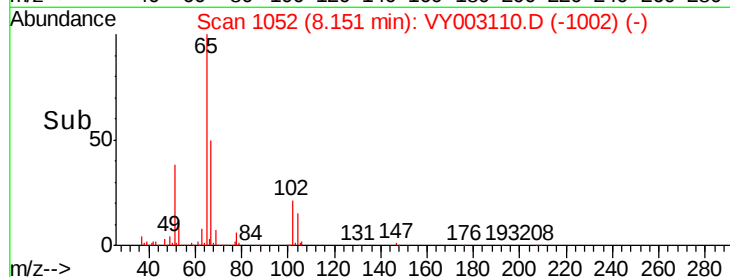
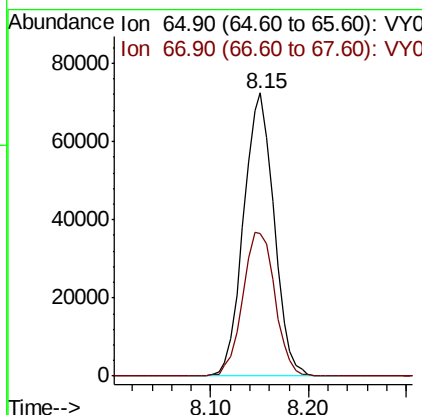
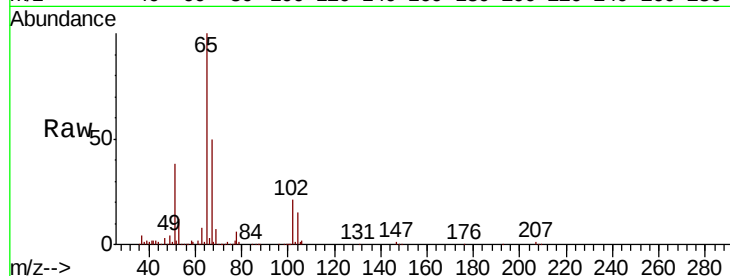




#33
 1,2-Dichloroethane-d4
 Concen: 55.448 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003110.D
 Acq: 06 Jul 2020 14:01

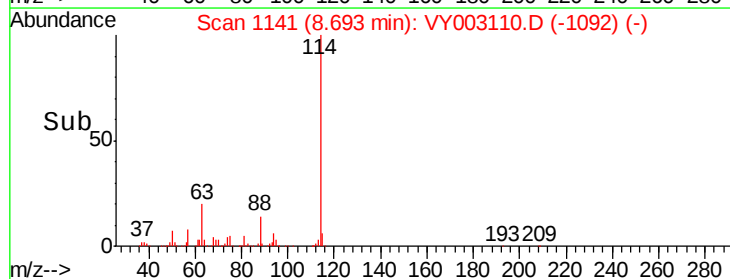
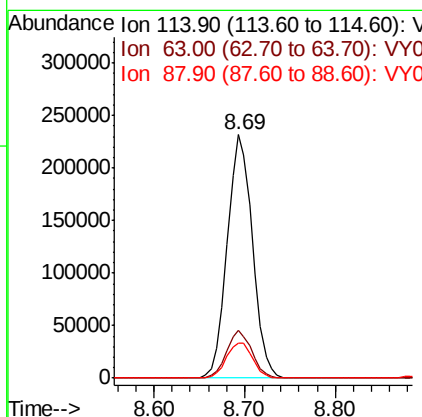
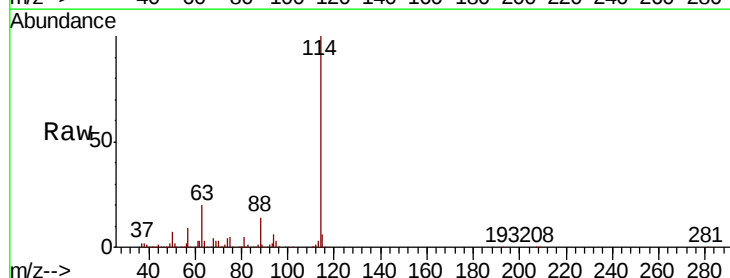
Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-NHS

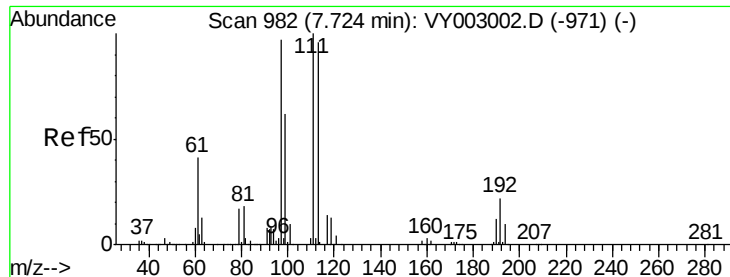
Tot Ion: 65 Resp: 156547
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003110.D
 Acq: 06 Jul 2020 14:01

Tgt Ion: 114 Resp: 446983
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.6
 88 14.4 0.0 30.0

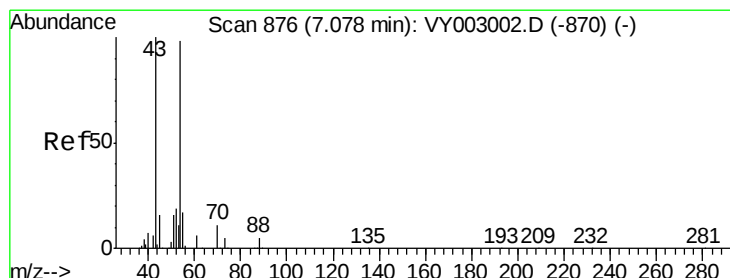
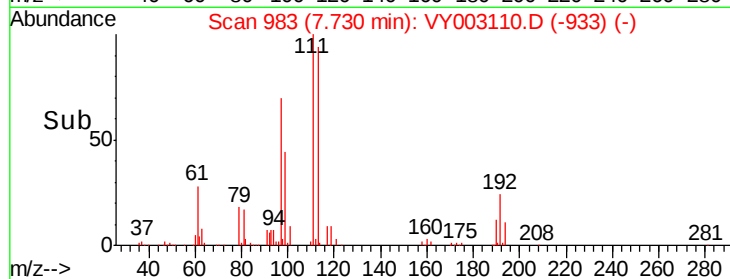
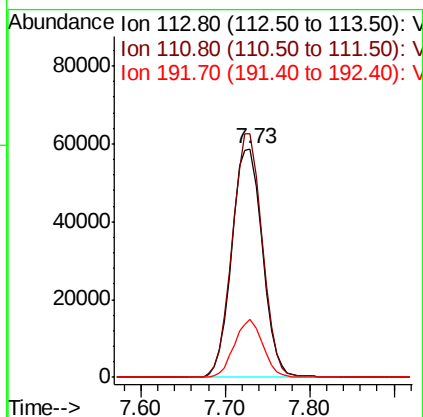
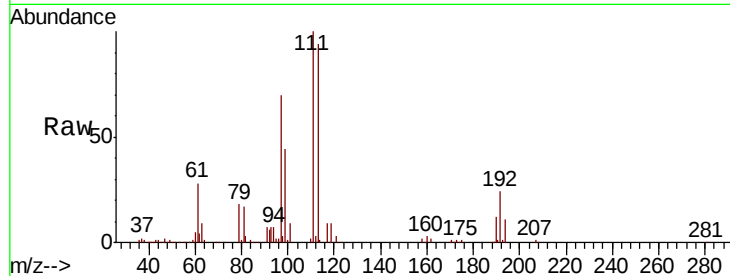




#35
 Dibromofluoromethane
 Concen: 51.885 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY003110.D
 Acq: 06 Jul 2020 14:01

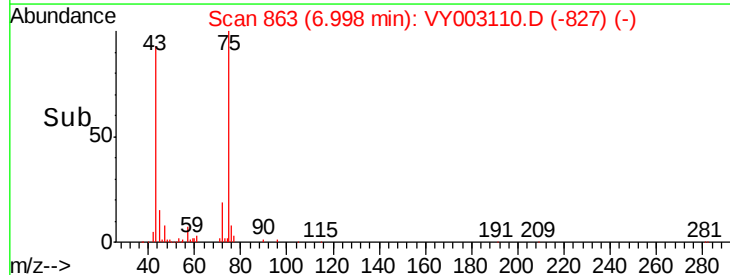
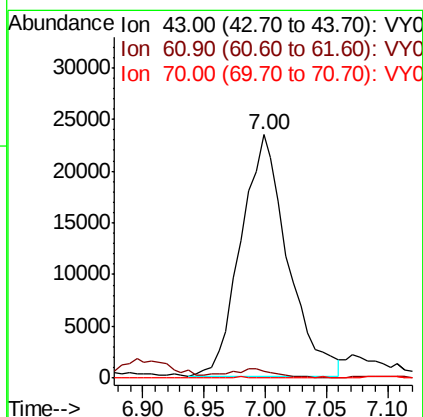
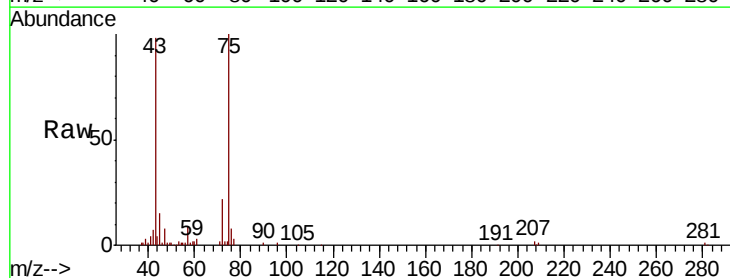
Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-NHS

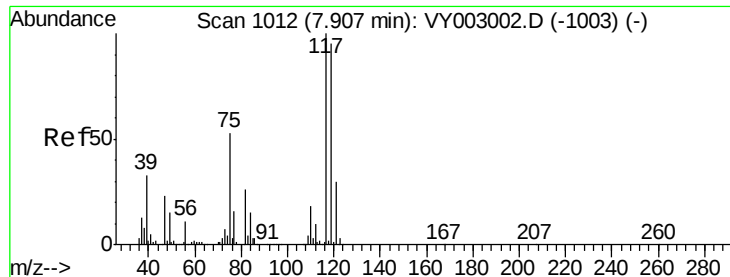
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.6	123.8
192	23.4	18.1	27.1



#37
 Ethyl Acetate
 Concen: 23.949 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.08 min
 Lab File: VY003110.D
 Acq: 06 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	4.0	10.4	15.6#
70	0.1	7.7	11.5#





#38

Carbon Tetrachloride

Concen: 5.743 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-NHS

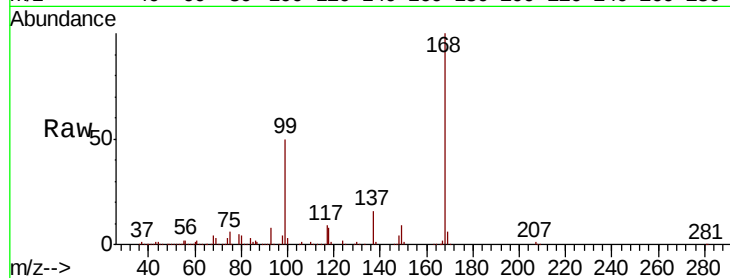
Tot Ion:117 Resp: 25725

Ion Ratio Lower Upper

117 100

119 7.2 75.7 113.5#

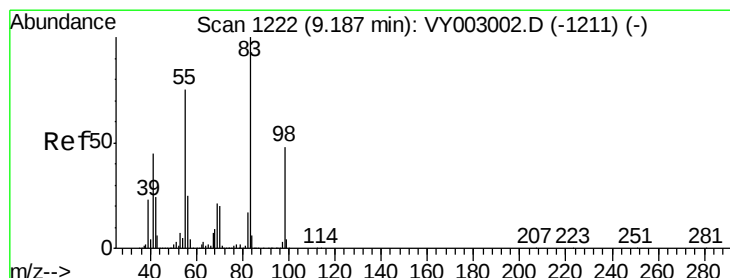
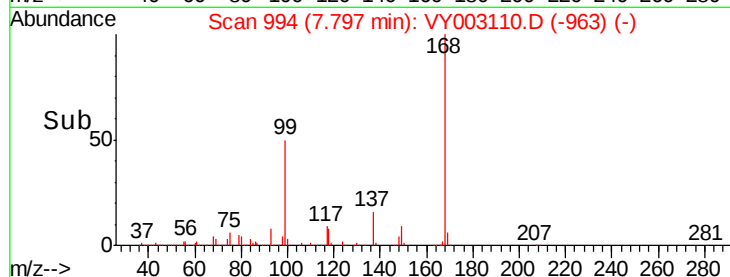
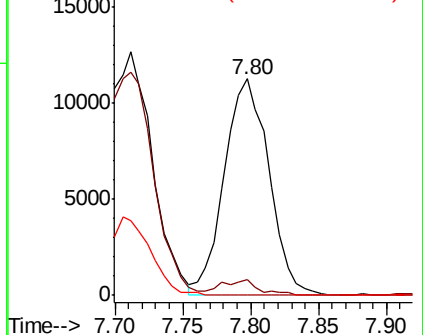
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.090 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

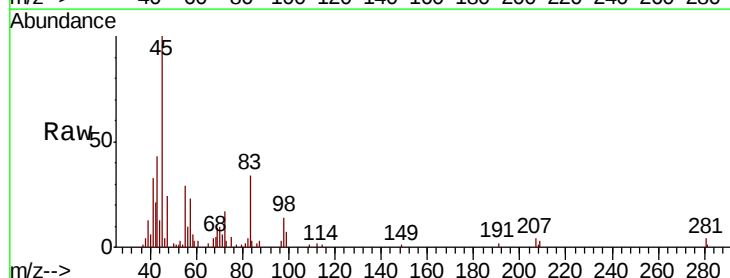
Tgt Ion: 83 Resp: 5820

Ion Ratio Lower Upper

83 100

55 75.5 59.9 89.9

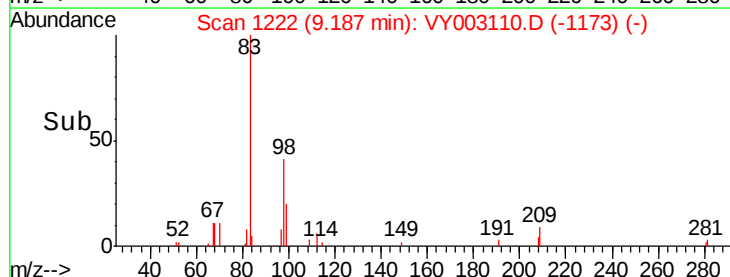
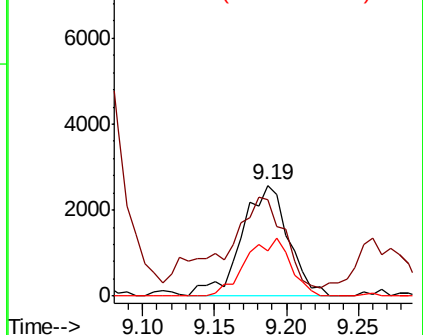
98 41.1 38.7 58.1

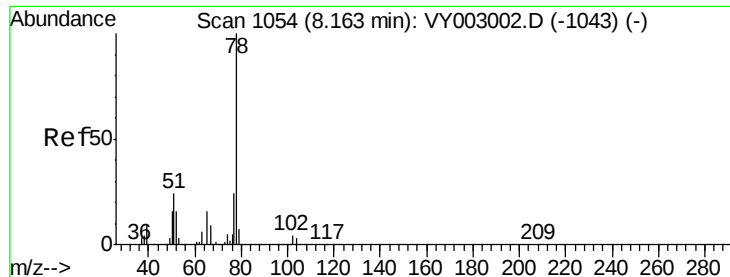


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#40

Benzene

Concen: 1.579 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

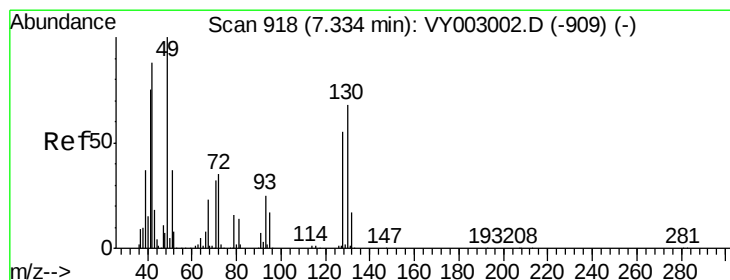
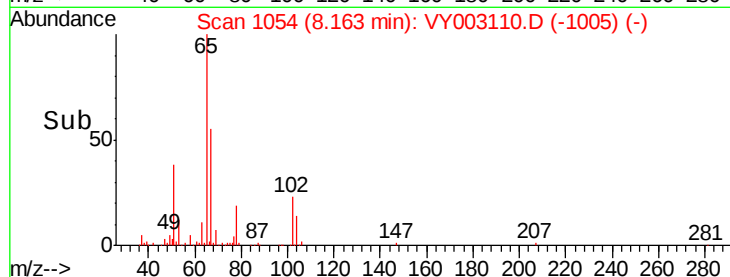
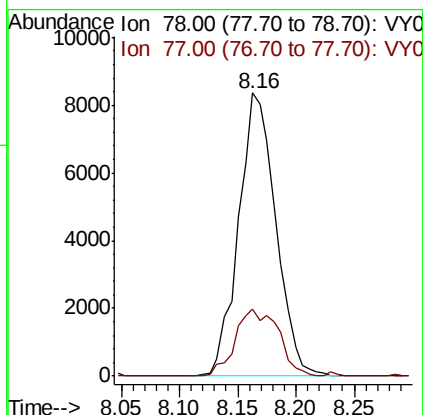
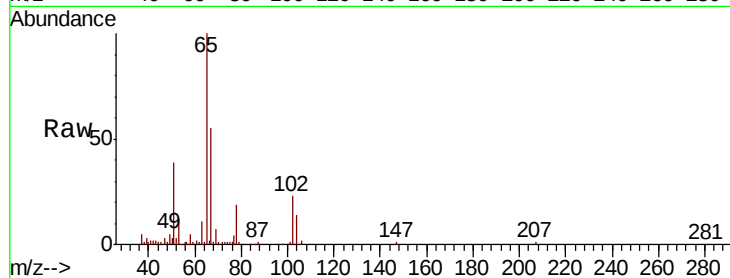
E3-41-NHS

Tot Ion: 78 Resp: 18613

Ion Ratio Lower Upper

78 100

77 23.9 19.2 28.8



#41

Methacrylonitrile

Concen: 59.999 ug/l

RT: 7.33 min Scan# 918

Delta R.T. 0.00 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Tgt Ion: 41 Resp: 82969

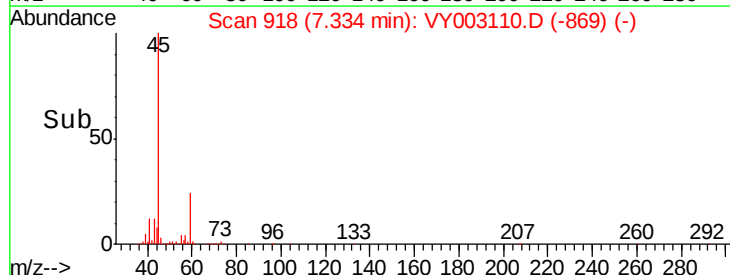
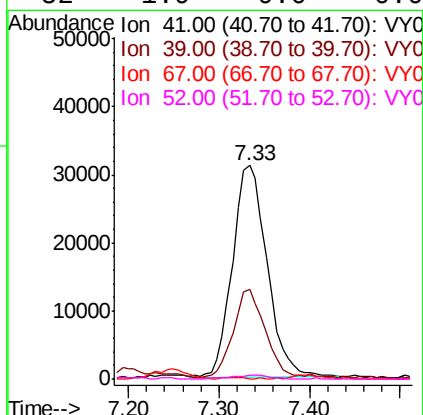
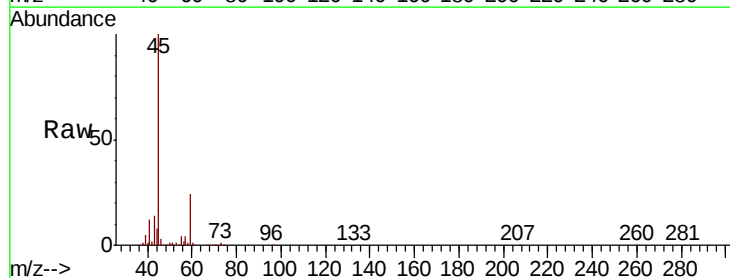
Ion Ratio Lower Upper

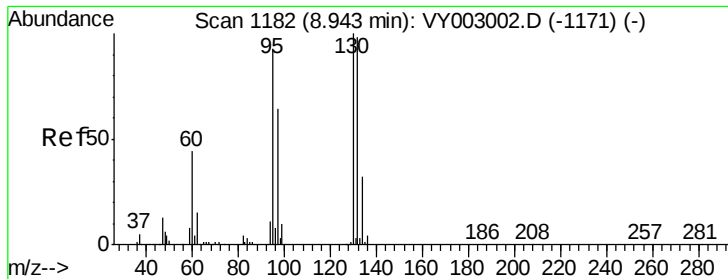
41 100

39 38.4 85.7 128.5#

67 0.5 0.0 0.0#

52 1.9 0.0 0.0#

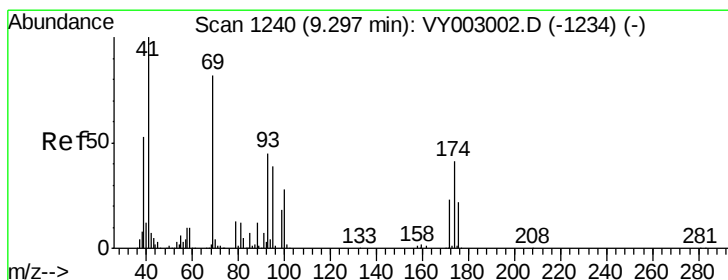
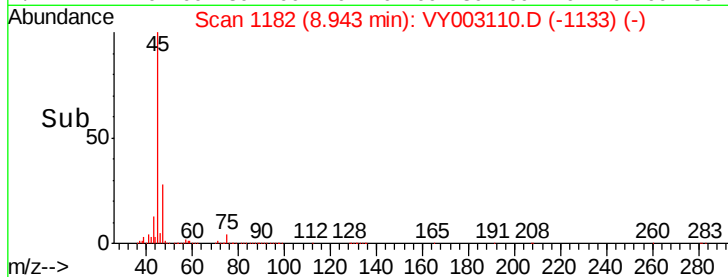
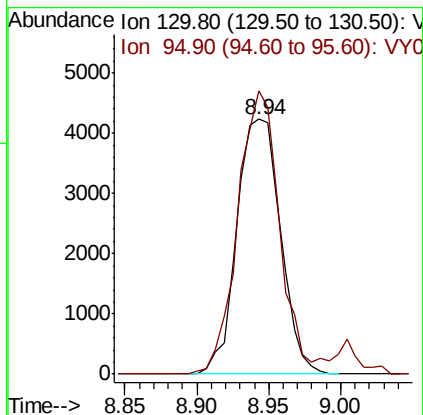
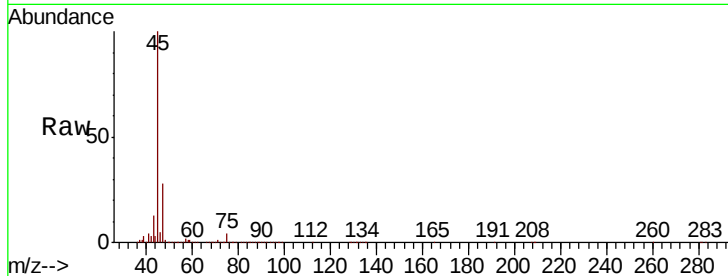




#44
 Trichloroethene
 Concen: 2.608 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003110.D
 Acq: 06 Jul 2020 14:01

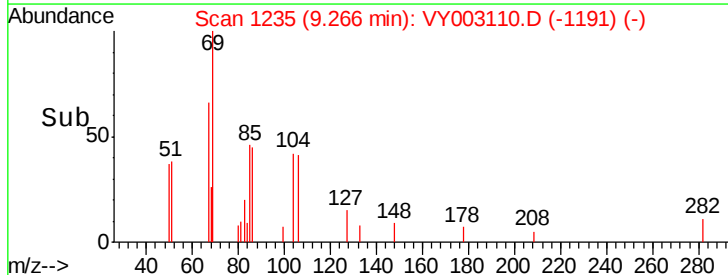
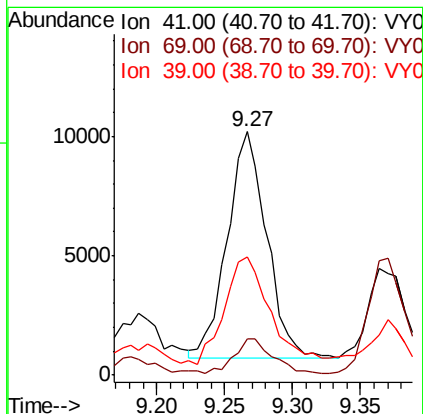
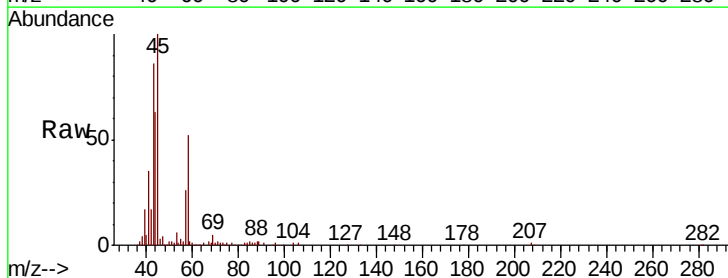
Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-NHS

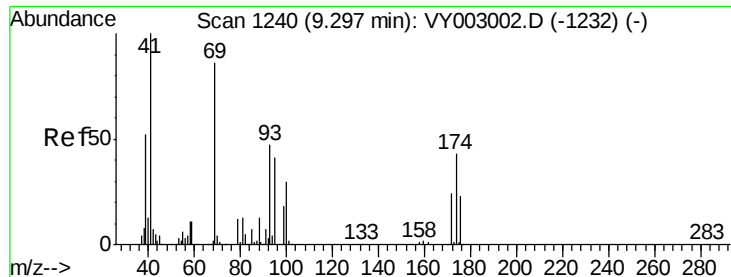
Tot Ion:130 Resp: 8935
 Ion Ratio Lower Upper
 130 100
 95 111.0 0.0 186.4



#48
 Methyl methacrylate
 Concen: 8.500 ug/l
 RT: 9.27 min Scan# 1235
 Delta R.T. -0.03 min
 Lab File: VY003110.D
 Acq: 06 Jul 2020 14:01

Tgt Ion: 41 Resp: 19041
 Ion Ratio Lower Upper
 41 100
 69 16.6 67.7 101.5#
 39 53.3 45.0 67.4

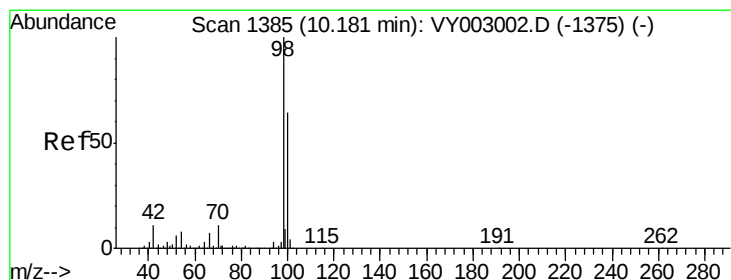
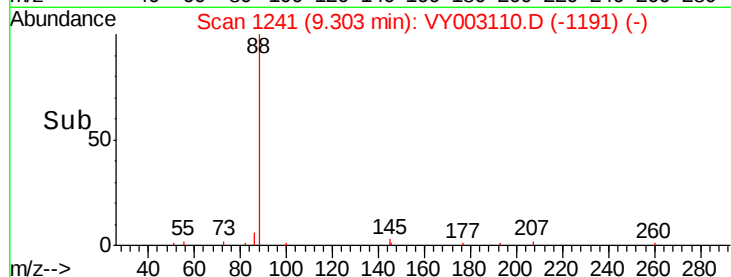
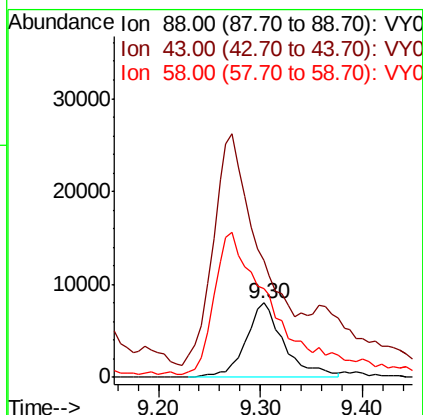
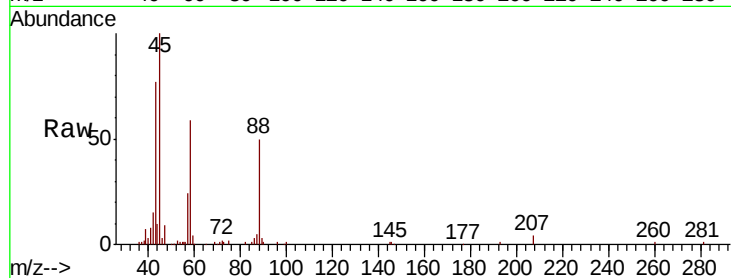




#49
1,4-Dioxane
Concen: 967.446 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003110.D
Acq: 06 Jul 2020 14:01

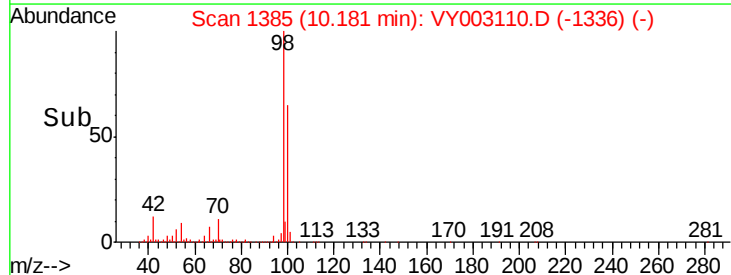
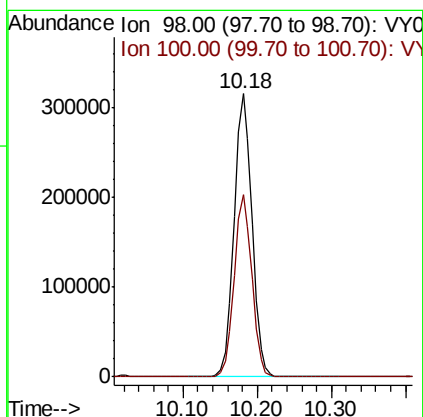
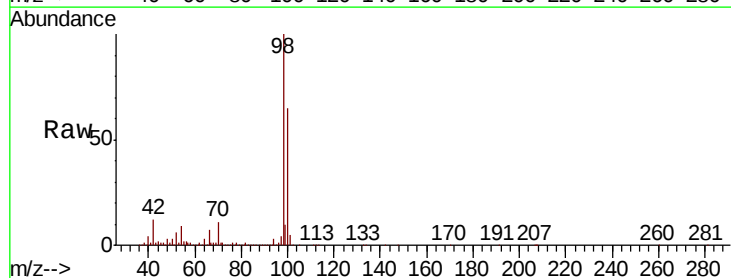
Instrument :
MSVOA_Y
ClientSampleId :
E3-41-NHS

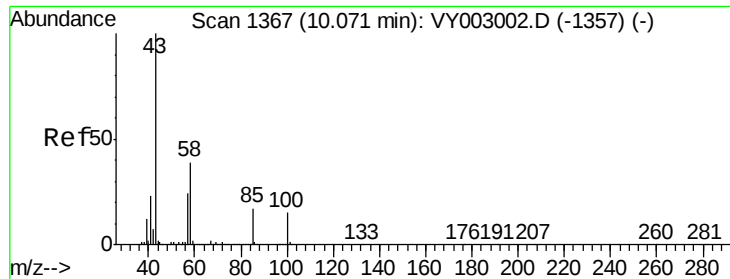
Tot Ion: 88 Resp: 20917
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 0.0 56.7 85.1#



#50
Toluene-d8
Concen: 51.250 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003110.D
Acq: 06 Jul 2020 14:01

Tgt Ion: 98 Resp: 532381
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 6.273 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

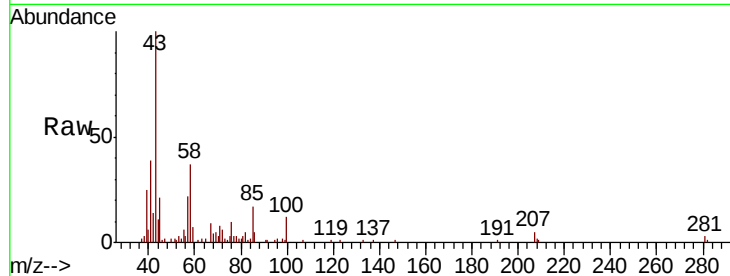
E3-41-NHS

Tot Ion: 43 Resp: 15956

Ion Ratio Lower Upper

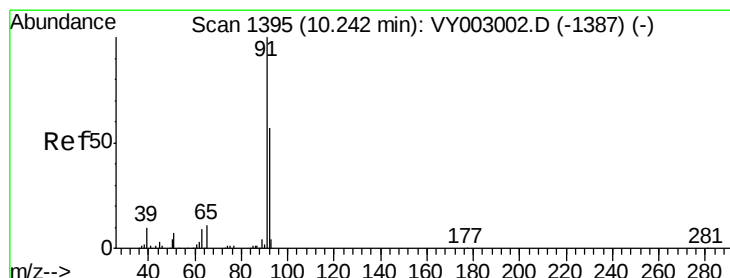
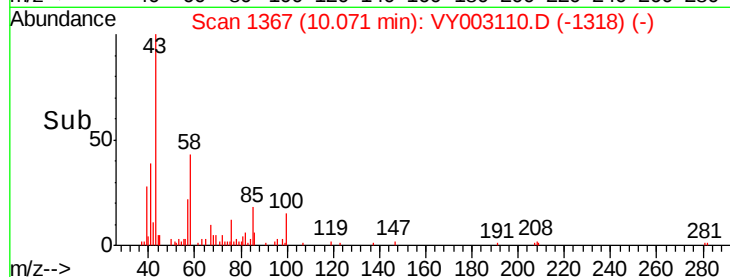
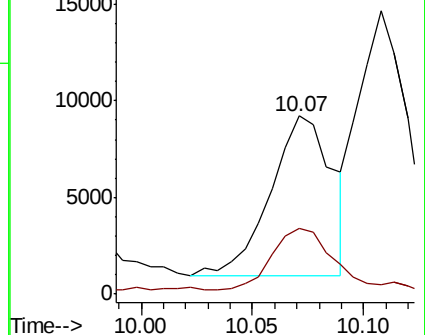
43 100

58 39.1 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VY003110.D (-1357) (-)

Ion 58.00 (57.70 to 58.70): VY003110.D (-1357) (-)



#52

Toluene

Concen: 57.989 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003110.D

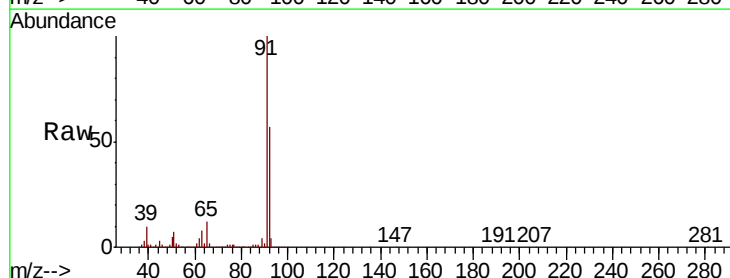
Acq: 06 Jul 2020 14:01

Tgt Ion: 92 Resp: 430291

Ion Ratio Lower Upper

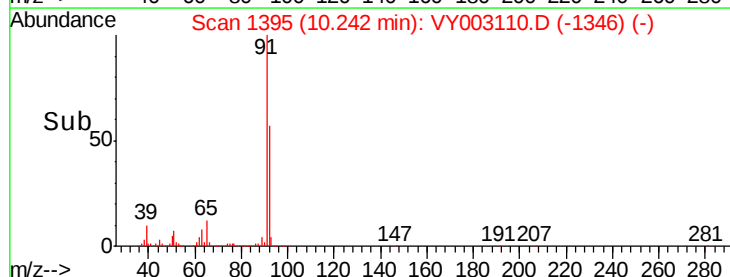
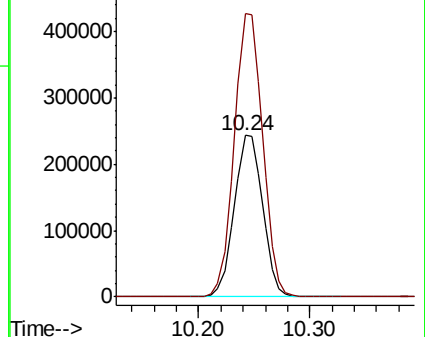
92 100

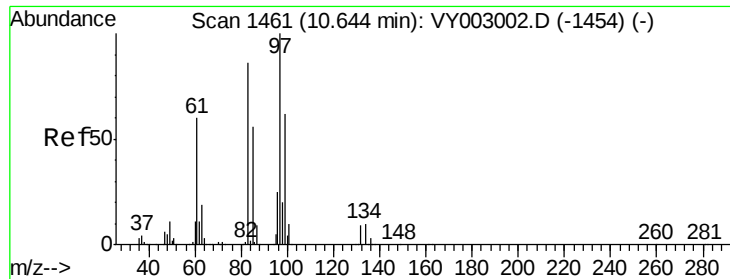
91 175.5 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY003110.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY003110.D (-1387) (-)

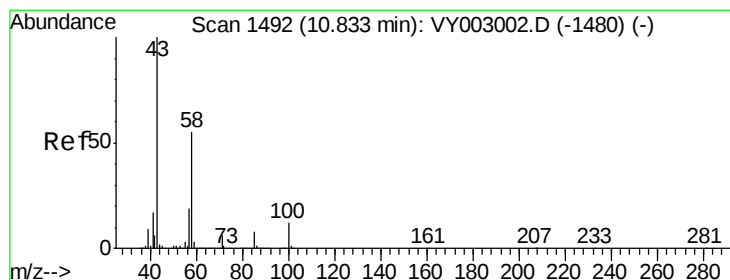
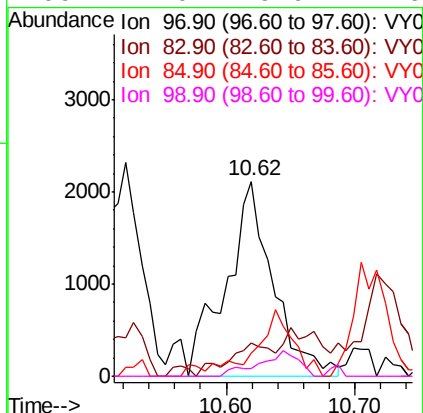
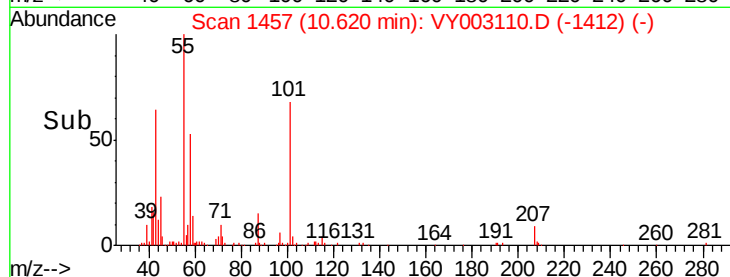
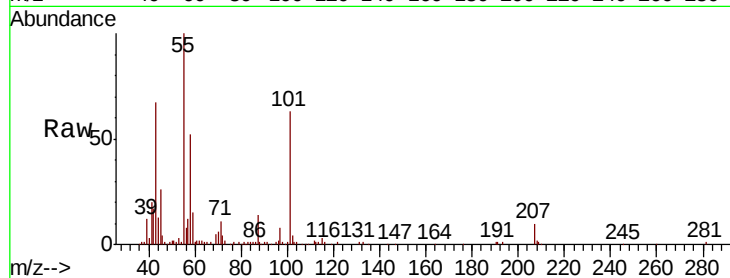




#55
 1,1,2-Trichloroethane
 Concen: 2.179 ug/l
 RT: 10.62 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: VY003110.D
 Acq: 06 Jul 2020 14:01

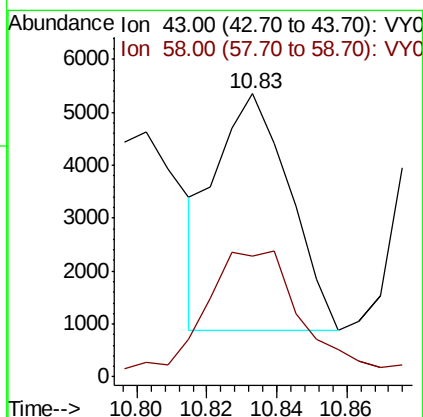
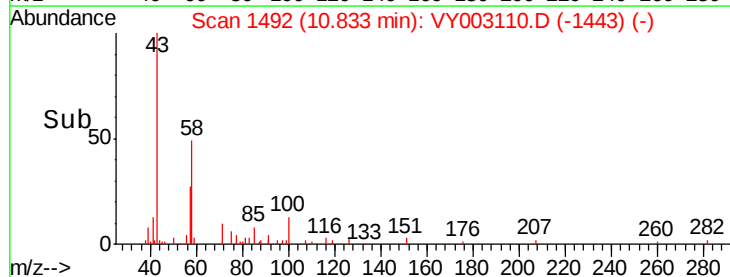
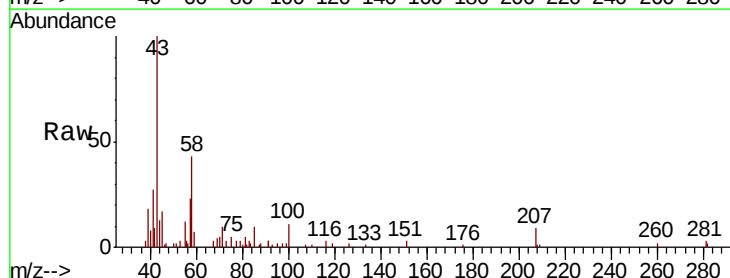
Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-NHS

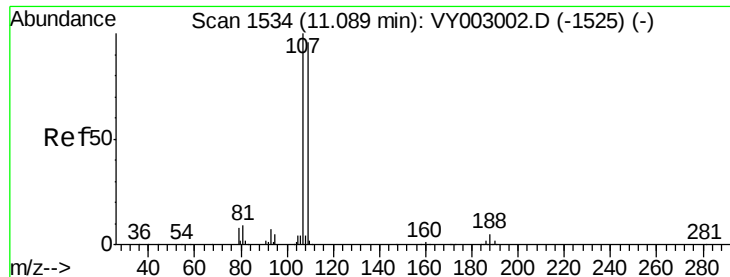
Tot Ion: 97 Resp: 5363
 Ion Ratio Lower Upper
 97 100
 83 13.2 69.0 103.6#
 85 5.8 44.8 67.2#
 99 4.0 49.9 74.9#



#59
 2-Hexanone
 Concen: 3.680 ug/l
 RT: 10.83 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VY003110.D
 Acq: 06 Jul 2020 14:01

Tgt Ion: 43 Resp: 6543
 Ion Ratio Lower Upper
 43 100
 58 62.1 27.5 82.4

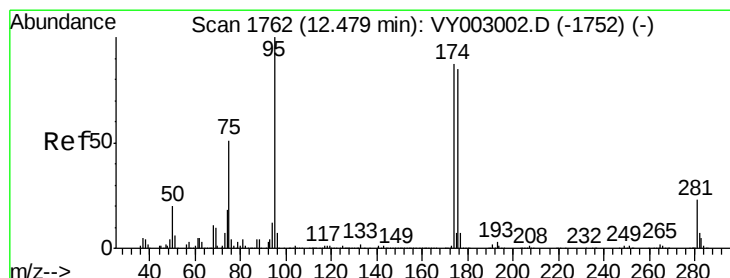
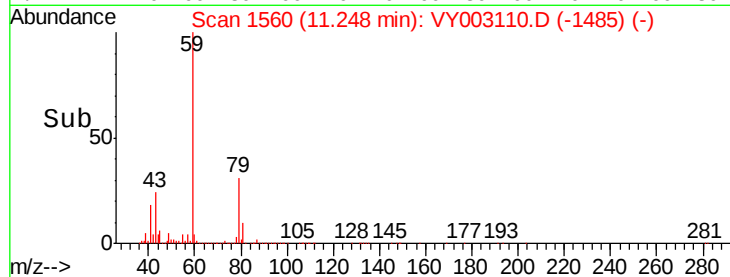
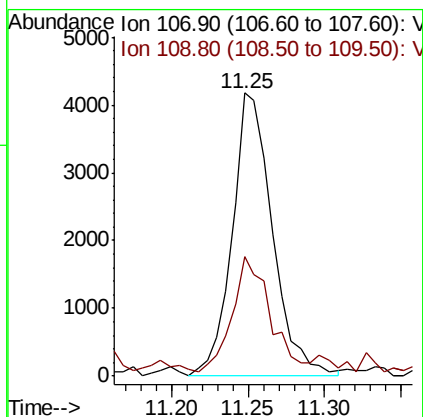
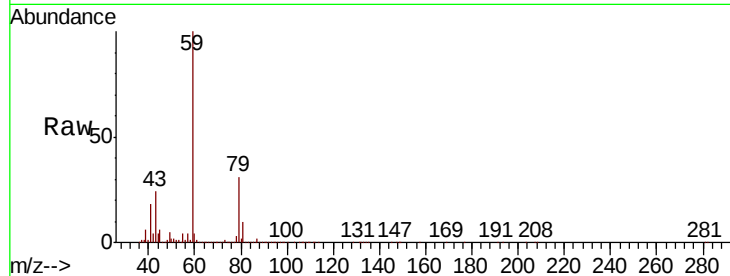




#61
 1,2-Dibromoethane
 Concen: 3.145 ug/l
 RT: 11.25 min Scan# 1560
 Delta R.T. 0.16 min
 Lab File: VY003110.D
 Acq: 06 Jul 2020 14:01

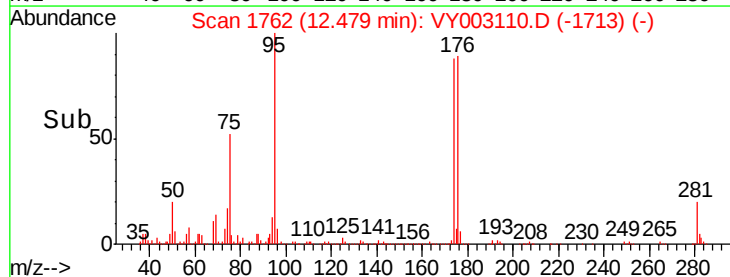
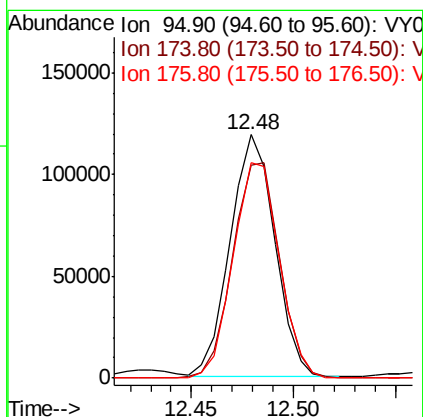
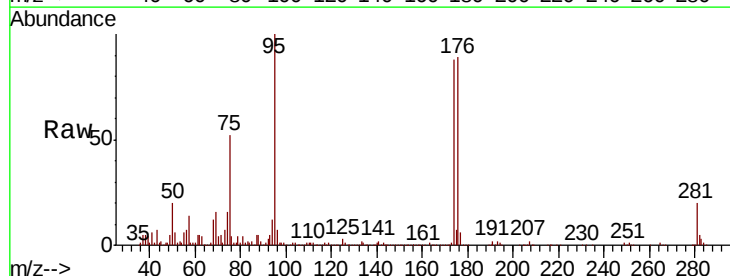
Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-NHS

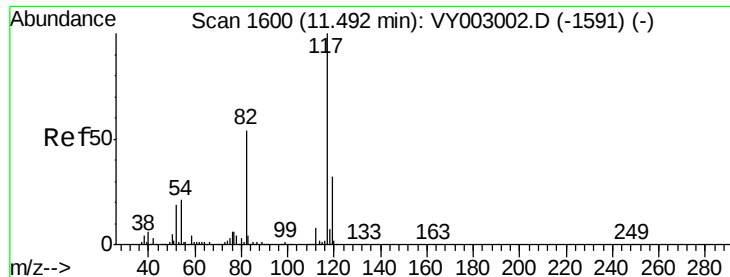
Tot Ion: 107 Resp: 7631
 Ion Ratio Lower Upper
 107 100
 109 38.9 75.8 113.8#



#62
 4-Bromofluorobenzene
 Concen: 49.533 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003110.D
 Acq: 06 Jul 2020 14:01

Tgt Ion: 95 Resp: 181119
 Ion Ratio Lower Upper
 95 100
 174 93.5 0.0 184.8
 176 92.1 0.0 183.0

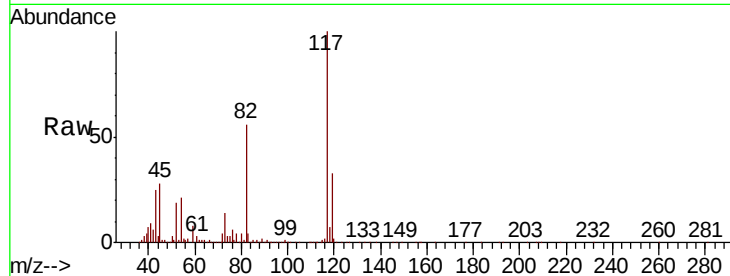




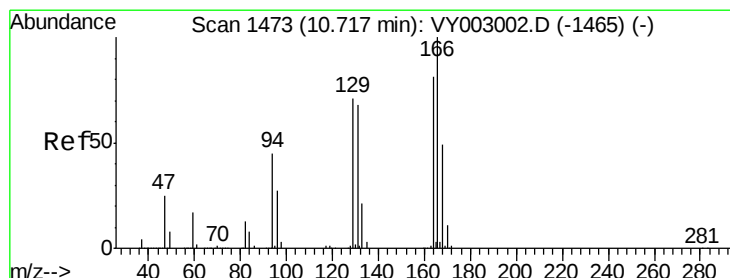
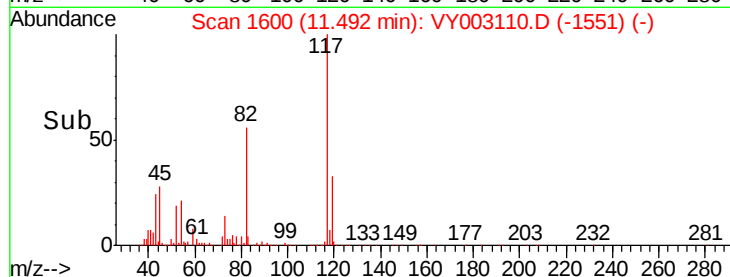
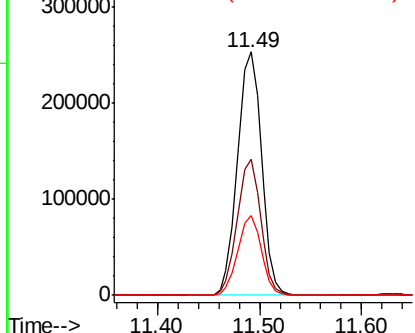
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003110.D
Acq: 06 Jul 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-NHS

Tot Ion:117 Resp: 413498
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.6
119 32.7 25.8 38.8

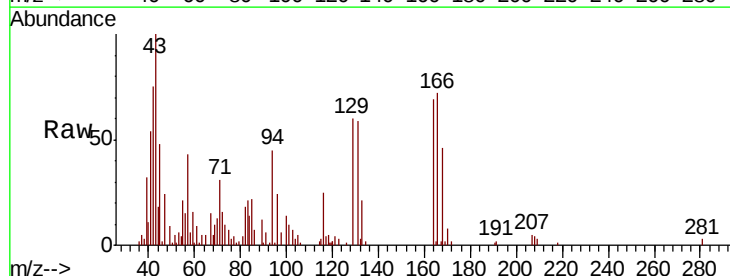


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

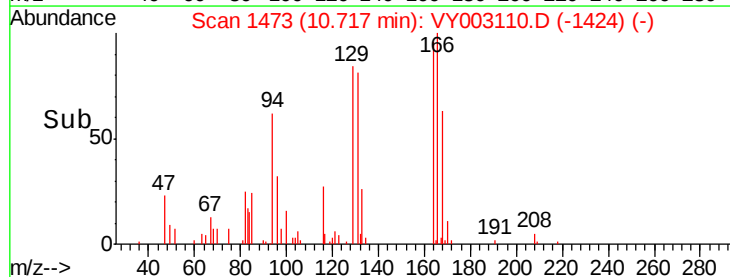
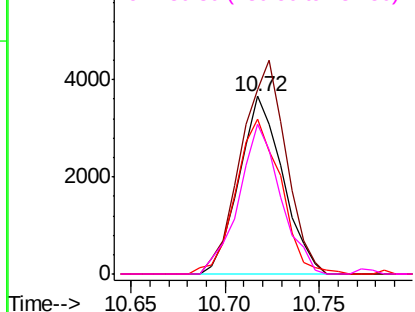


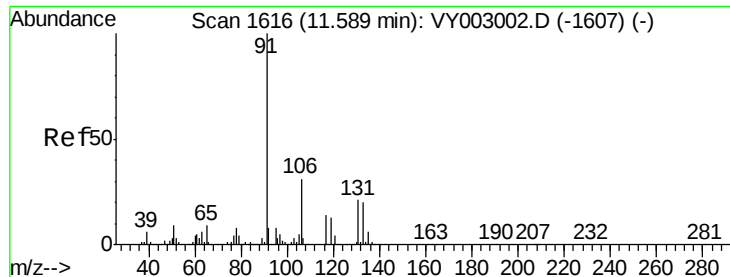
#64
Tetrachloroethene
Concen: 1.677 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003110.D
Acq: 06 Jul 2020 14:01

Tgt Ion:164 Resp: 5868
Ion Ratio Lower Upper
164 100
166 104.0 98.5 147.7
129 87.3 69.7 104.5
131 84.6 67.2 100.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 2.870 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

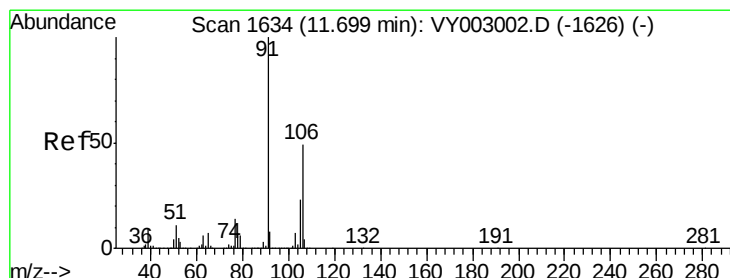
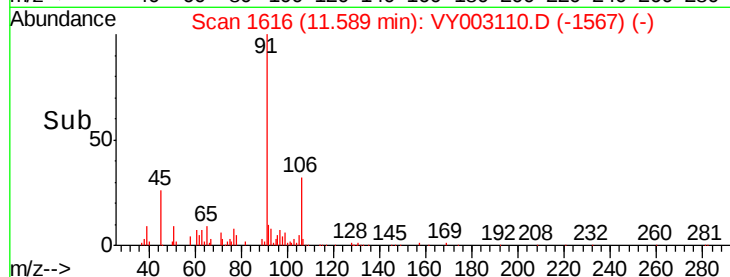
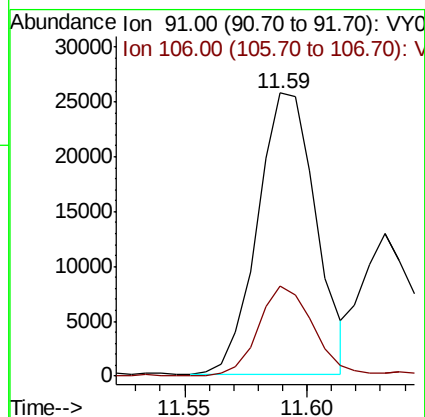
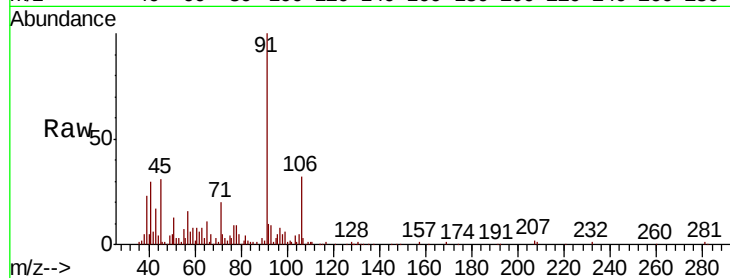
E3-41-NHS

Tot Ion: 91 Resp: 42805

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.4



#68

m/p-Xylenes

Concen: 7.254 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003110.D

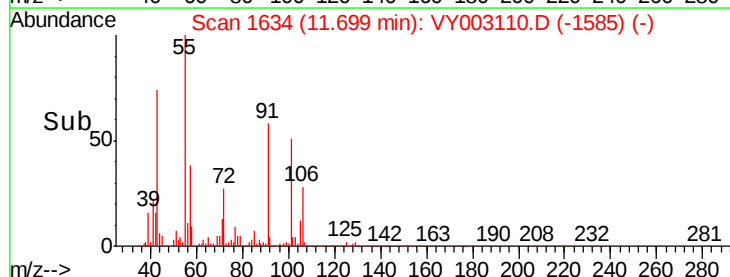
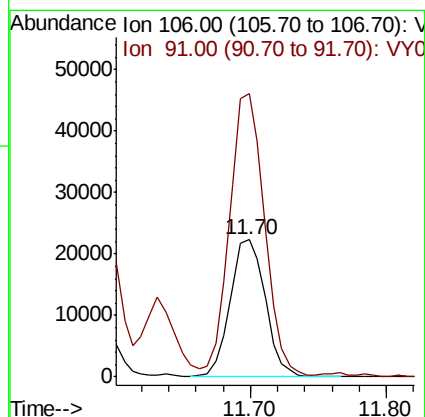
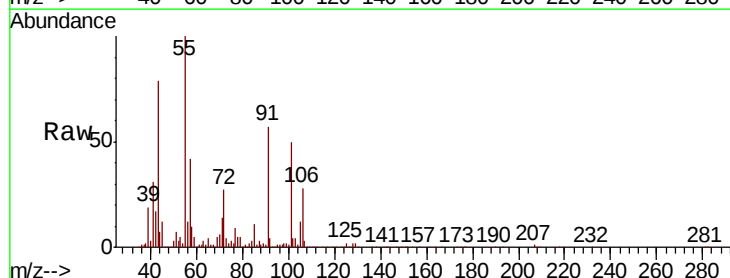
Acq: 06 Jul 2020 14:01

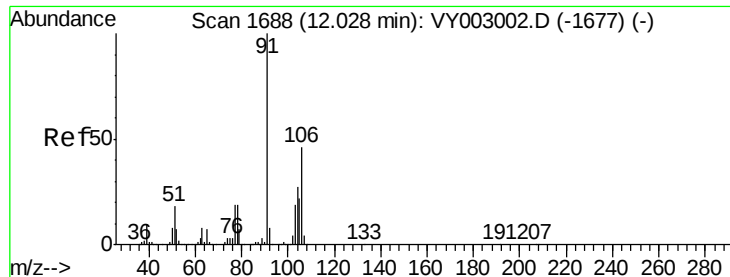
Tgt Ion: 106 Resp: 40271

Ion Ratio Lower Upper

106 100

91 202.4 161.9 242.9

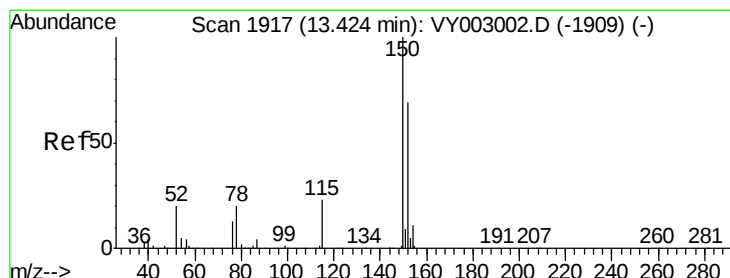
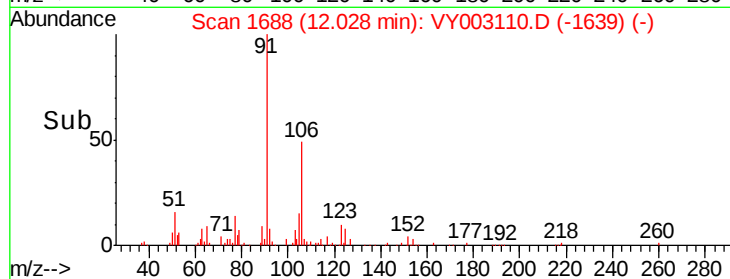
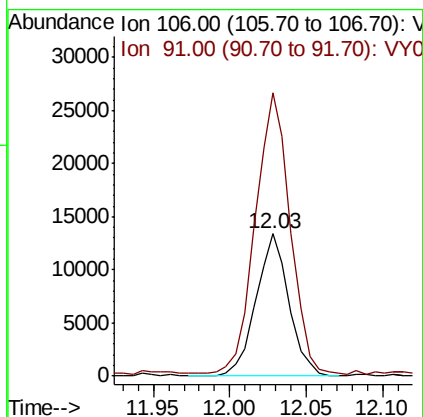
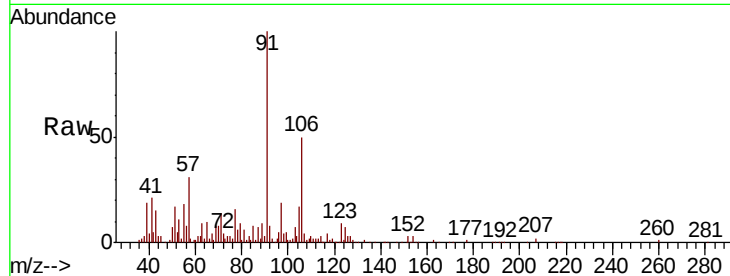




#69
o-Xylene
Concen: 3.840 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003110.D
Acq: 06 Jul 2020 14:01

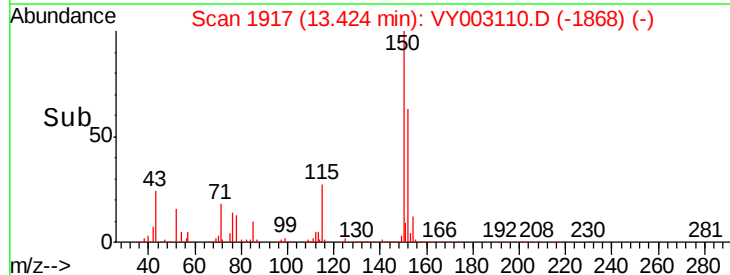
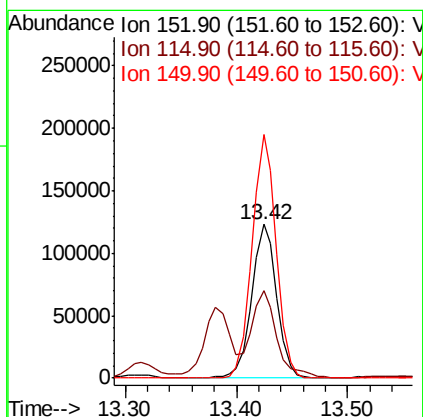
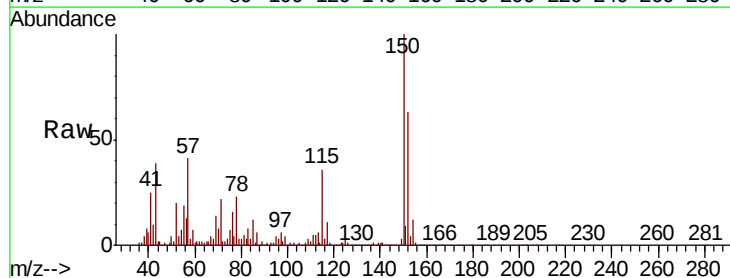
Instrument :
MSVOA_Y
ClientSampleId :
E3-41-NHS

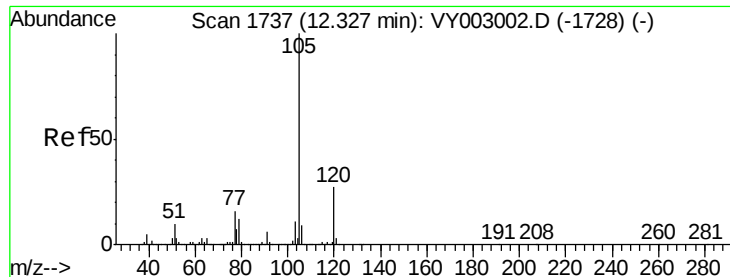
Tot Ion:106 Resp: 20090
Ion Ratio Lower Upper
106 100
91 207.8 107.9 323.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003110.D
Acq: 06 Jul 2020 14:01

Tgt Ion:152 Resp: 191748
Ion Ratio Lower Upper
152 100
115 58.3 27.3 81.9
150 152.0 0.0 343.4





#73

Isopropylbenzene

Concen: 4.908 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

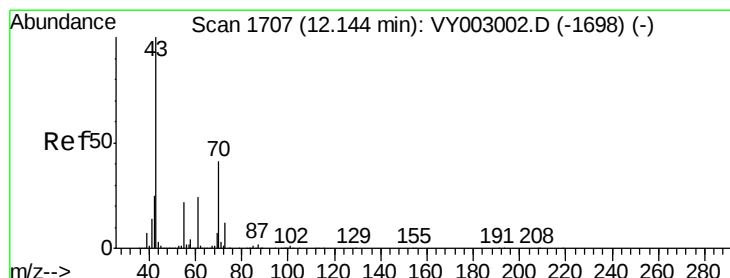
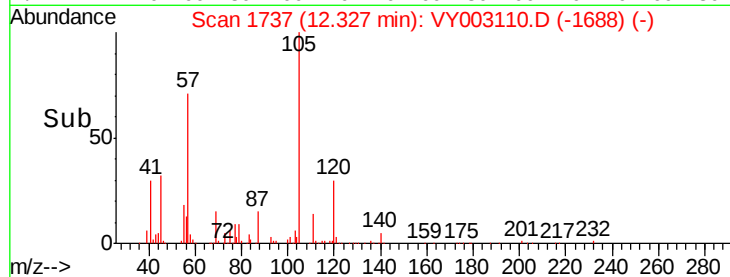
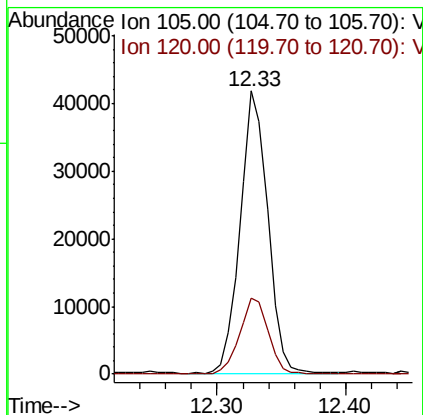
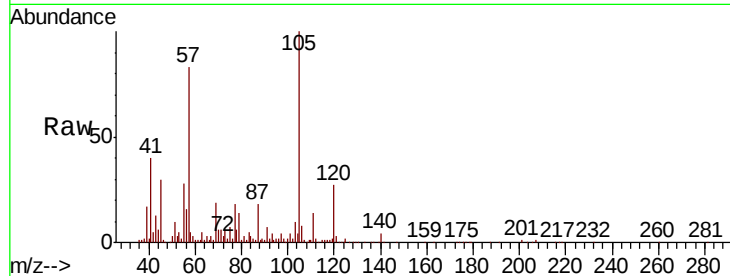
E3-41-NHS

Tot Ion:105 Resp: 61593

Ion Ratio Lower Upper

105 100

120 28.0 13.4 40.1



#74

N-ethyl acetate

Concen: 11.672 ug/l

RT: 12.12 min Scan# 1703

Delta R.T. -0.02 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Tgt Ion: 43 Resp: 47682

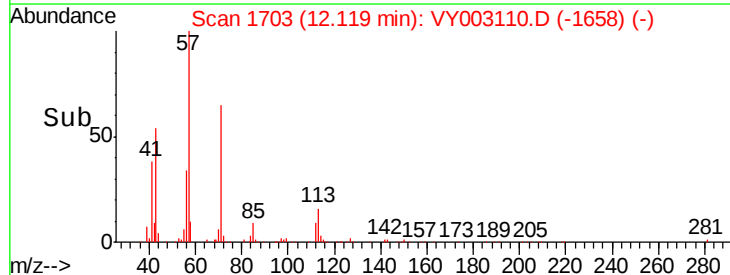
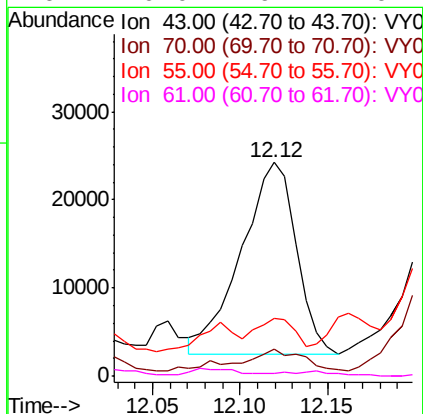
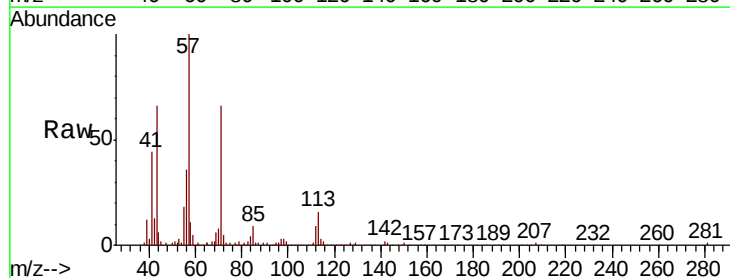
Ion Ratio Lower Upper

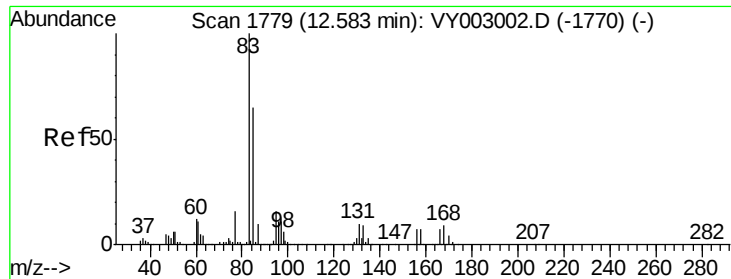
43 100

70 12.8 33.0 49.4#

55 9.9 18.2 27.2#

61 0.0 19.4 29.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 7.038 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.06 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-NHS

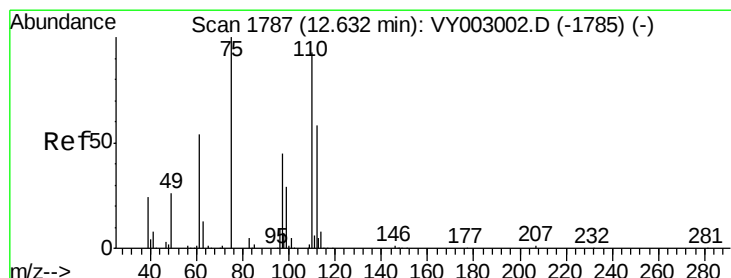
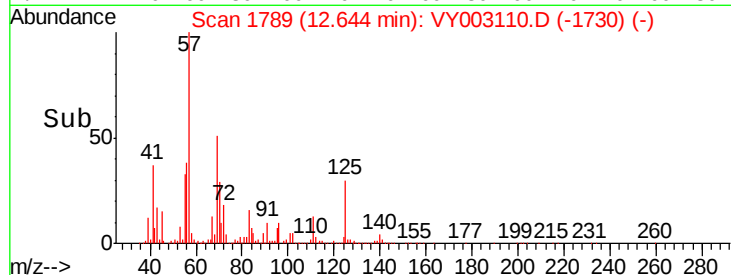
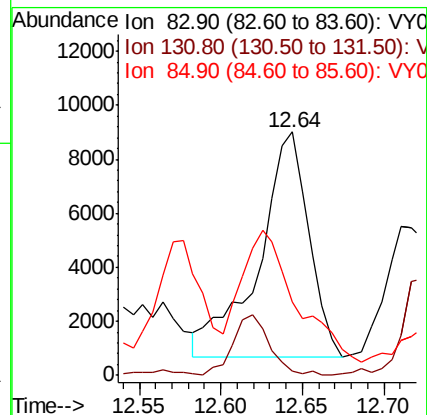
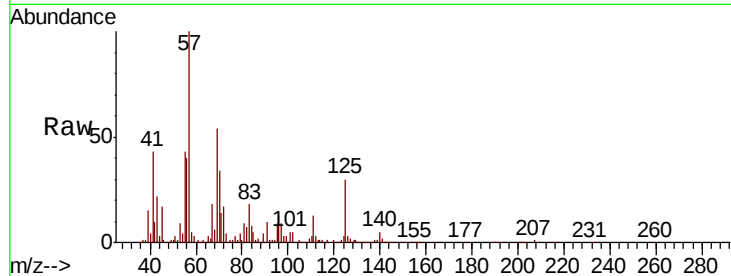
Tot Ion: 83 Resp: 17823

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.1 96.3#



#76

1,2,3-Trichloropropane

Concen: 7.271 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.01 min

Lab File: VY003110.D

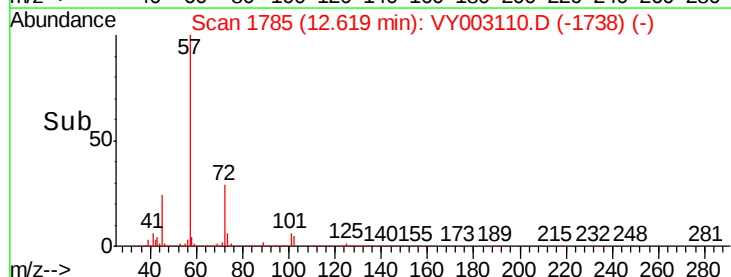
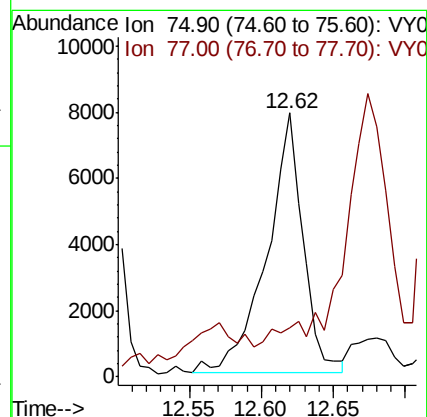
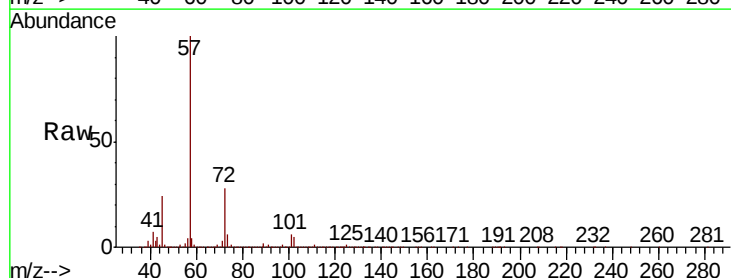
Acq: 06 Jul 2020 14:01

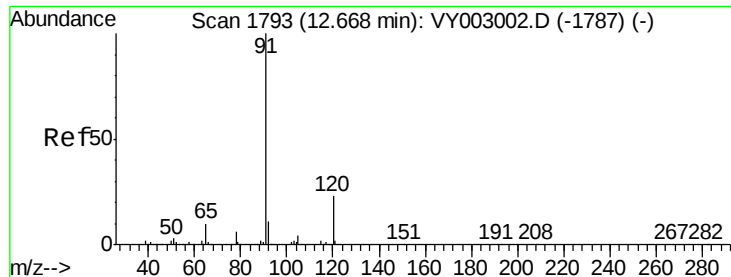
Tgt Ion: 75 Resp: 13799

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#78

n-propylbenzene

Concen: 11.953 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampled :

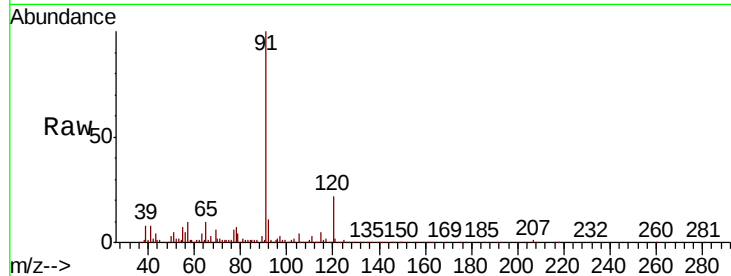
E3-41-NHS

Tot Ion: 91 Resp: 180394

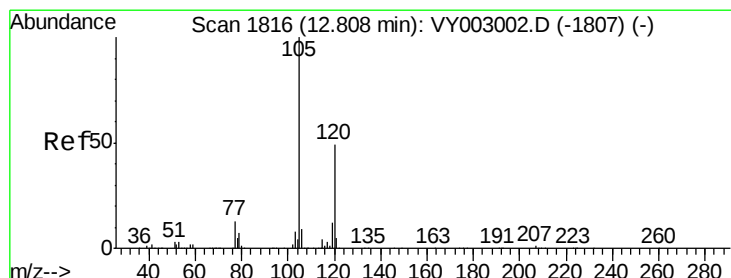
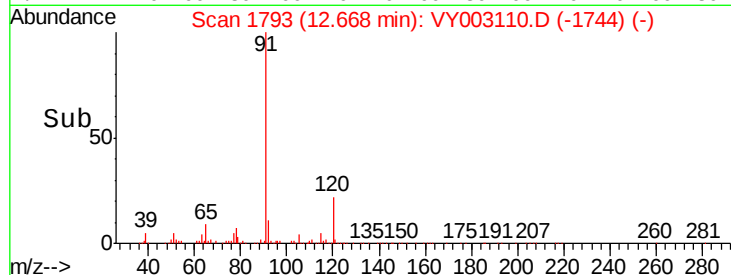
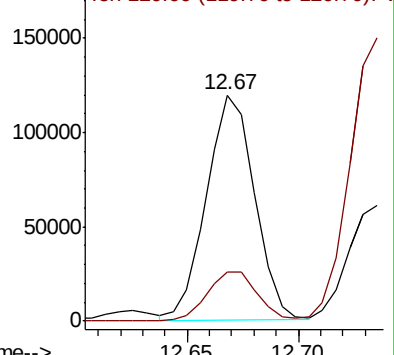
Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY003110.D (-1744) (-)



#80

1,3,5-Trimethylbenzene

Concen: 34.336 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003110.D

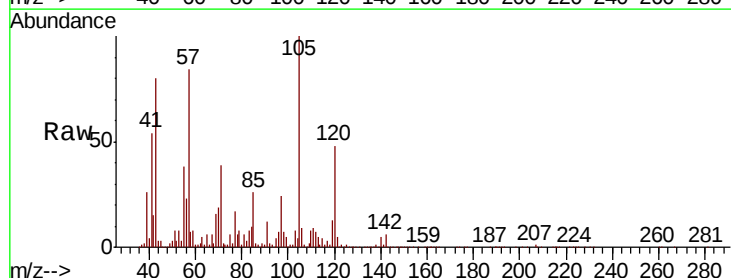
Acq: 06 Jul 2020 14:01

Tgt Ion: 105 Resp: 361580

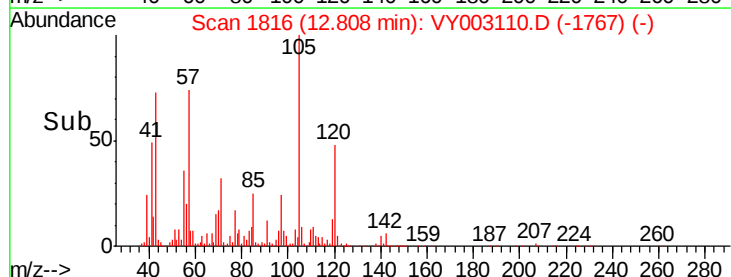
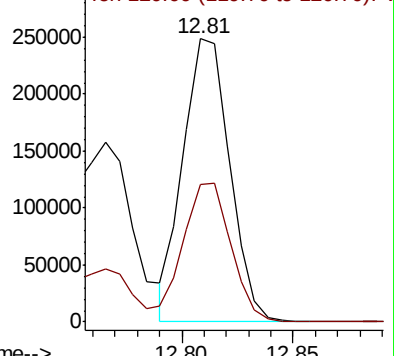
Ion Ratio Lower Upper

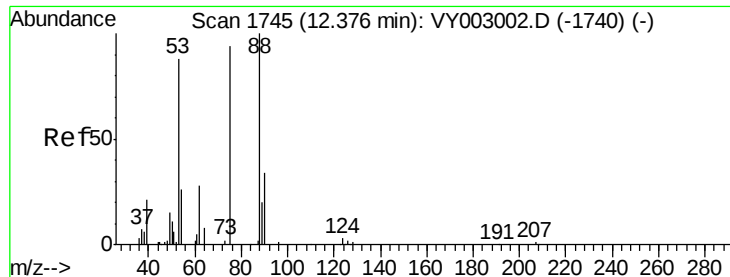
105 100

120 50.7 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003110.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 10.528 ug/l

RT: 12.31 min Scan# 1735

Delta R.T. -0.06 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-NHS

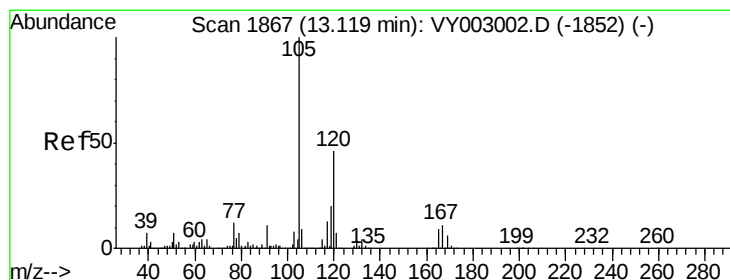
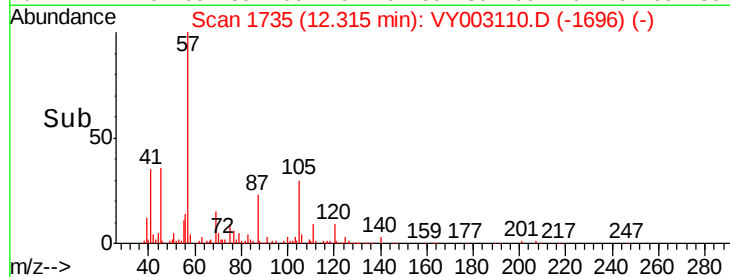
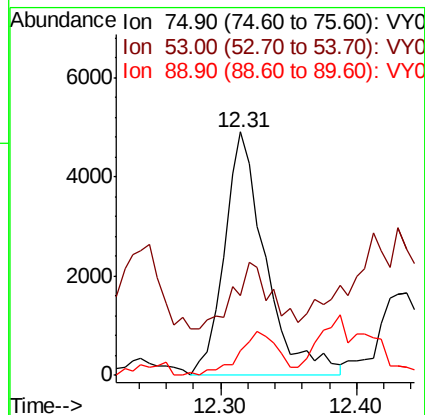
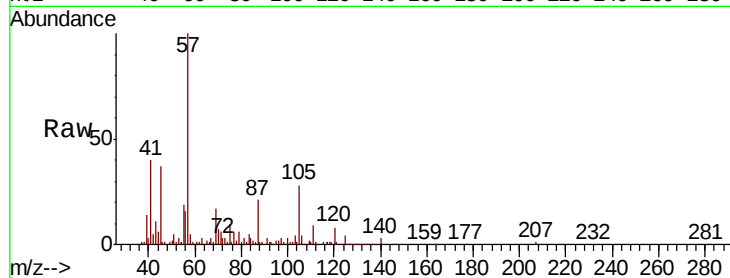
Tot Ion: 75 Resp: 10269

Ion Ratio Lower Upper

75 100

53 24.8 73.9 110.9#

89 17.8 37.5 56.3#



#84

1,2,4-Trimethylbenzene

Concen: 72.648 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003110.D

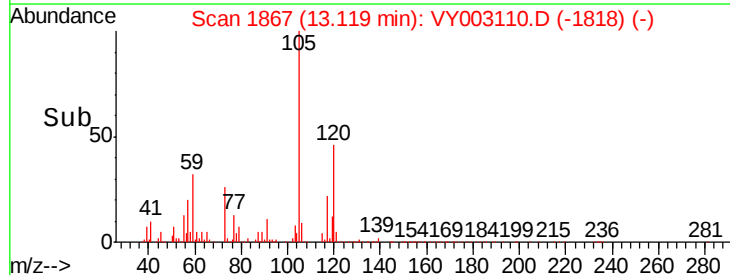
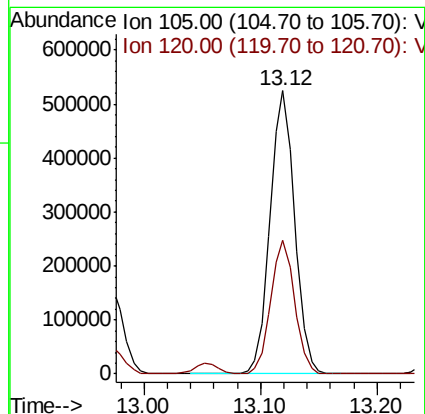
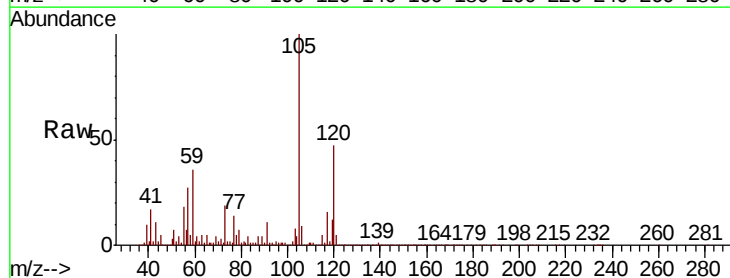
Acq: 06 Jul 2020 14:01

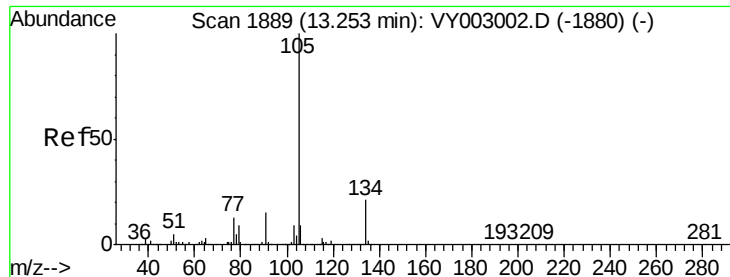
Tgt Ion: 105 Resp: 770874

Ion Ratio Lower Upper

105 100

120 46.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 7.041 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

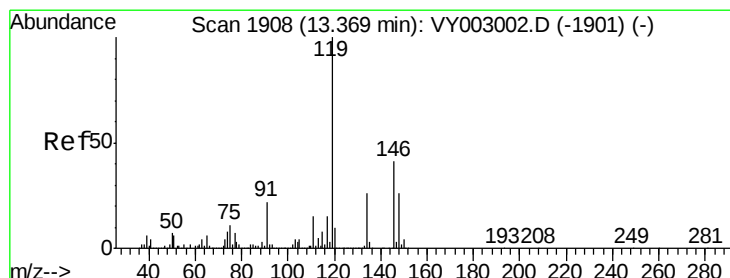
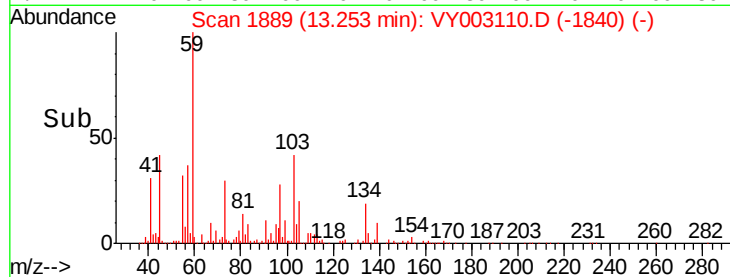
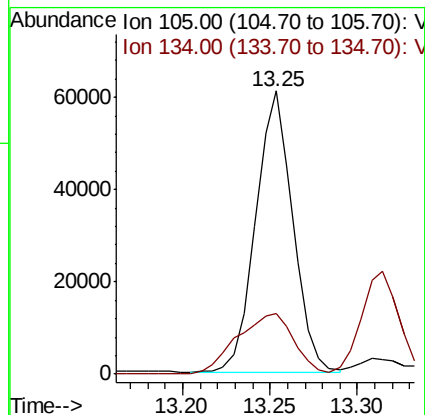
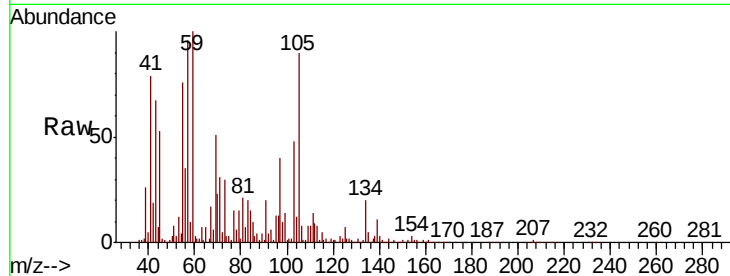
E3-41-NHS

Tot Ion:105 Resp: 89735

Ion Ratio Lower Upper

105 100

134 32.4 10.4 31.2#



#86

p-Isopropyltoluene

Concen: 7.332 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

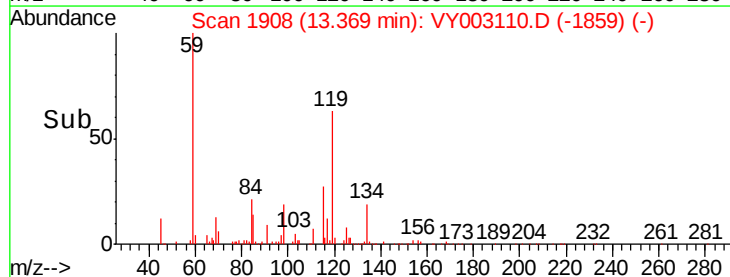
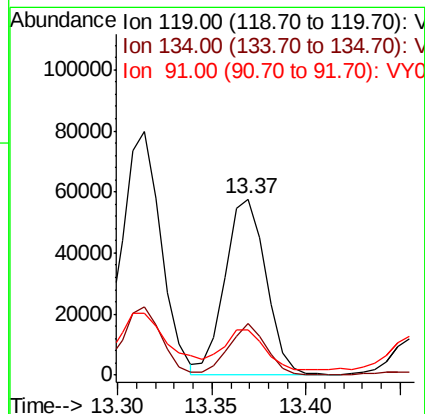
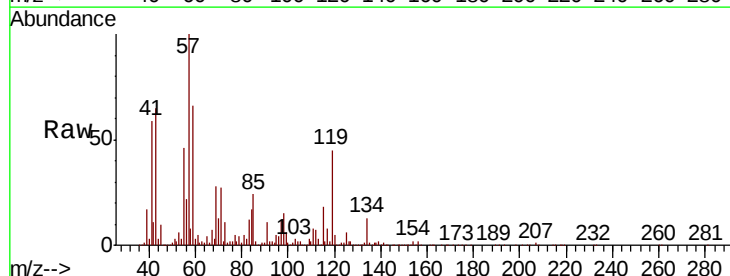
Tgt Ion:119 Resp: 86584

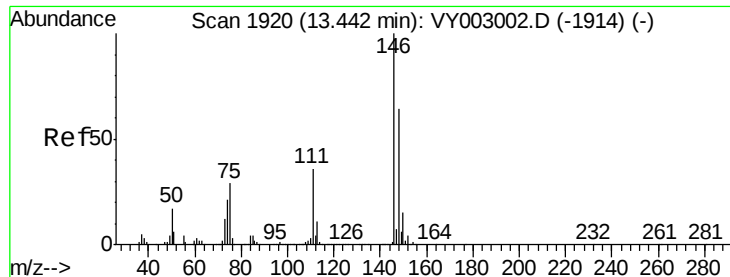
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 22.4 11.5 34.5





#88

1,4-Dichlorobenzene

Concen: 1.837 ug/l

RT: 13.22 min Scan# 1883

Delta R.T. -0.23 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

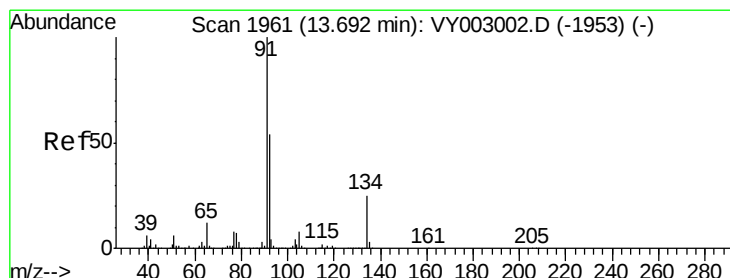
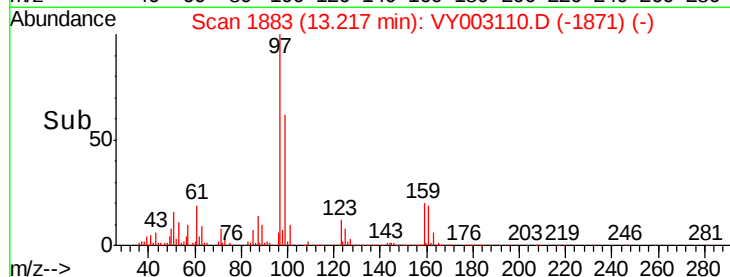
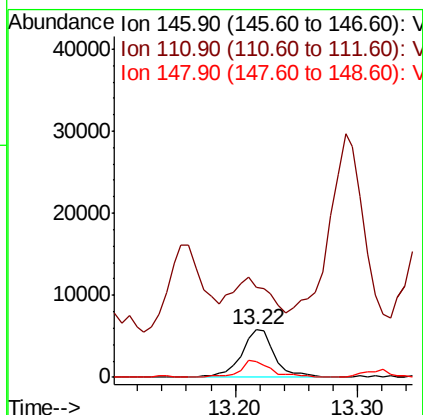
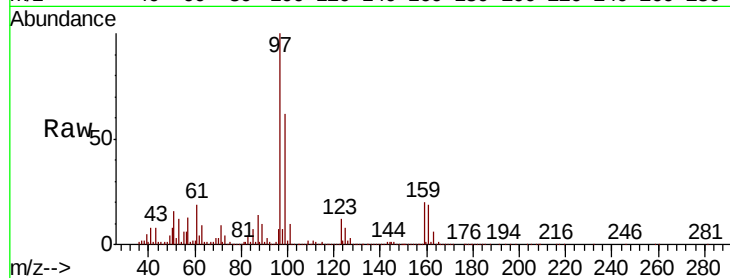
Instrument :

MSVOA_Y

ClientSampleId :

E3-41-NHS

Tot Ion:146	Resp:	10880
Ion Ratio	Lower	Upper
146	100	
111	74.6	18.4 55.4#
148	0.0	32.3 96.9#



#89

n-Butylbenzene

Concen: 9.662 ug/l

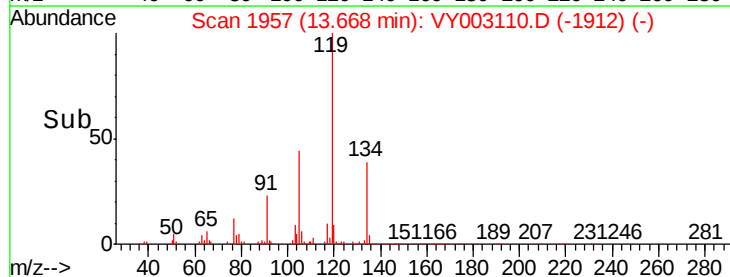
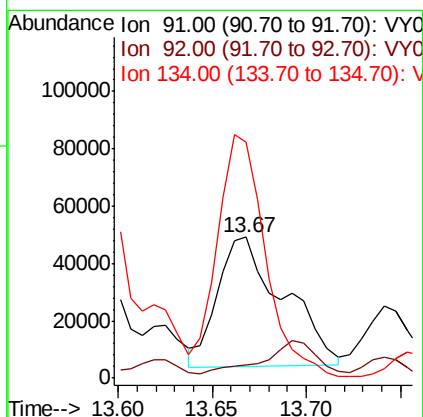
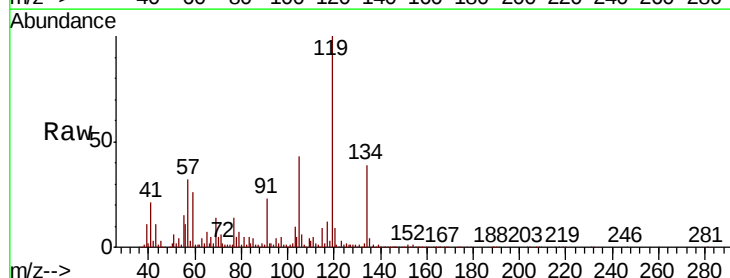
RT: 13.67 min Scan# 1957

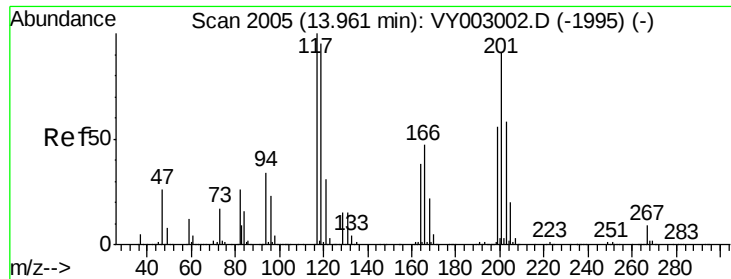
Delta R.T. -0.02 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Tgt Ion: 91	Resp:	109171
Ion Ratio	Lower	Upper
91	100	
92	0.0	26.8 80.3#
134	137.9	13.1 39.1#





#90

Hexachloroethane

Concen: 9.268 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

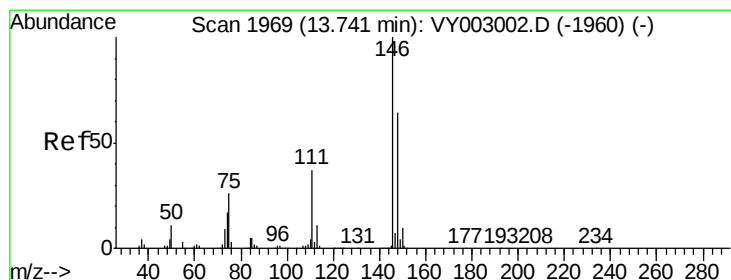
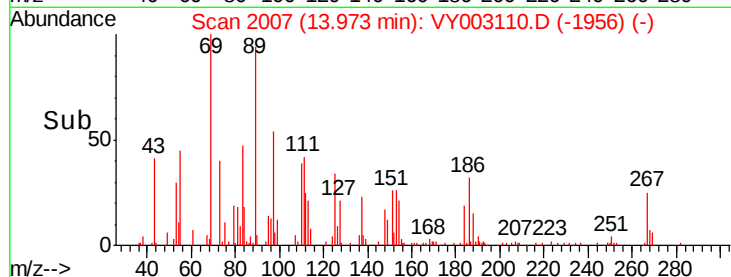
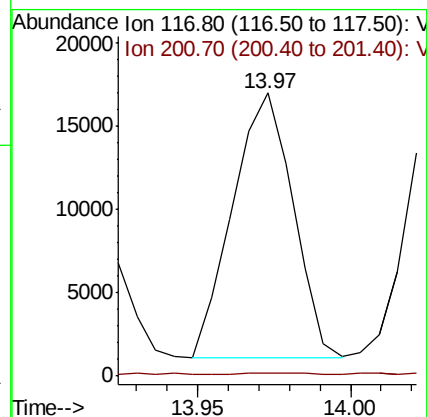
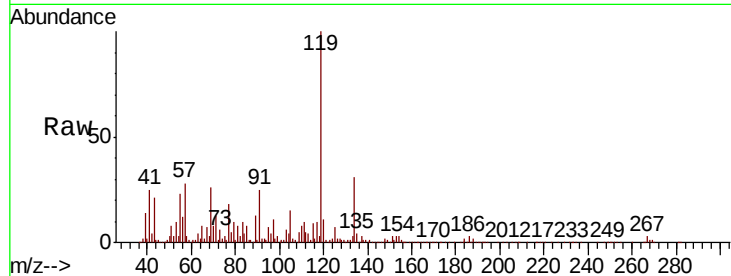
E3-41-NHS

Tot Ion:117 Resp: 21734

Ion Ratio Lower Upper

117 100

201 1.8 45.5 136.4#



#91

1,2-Dichlorobenzene

Concen: 89.105 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003110.D

Acq: 06 Jul 2020 14:01

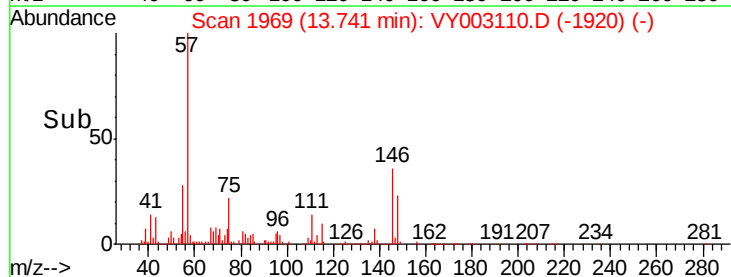
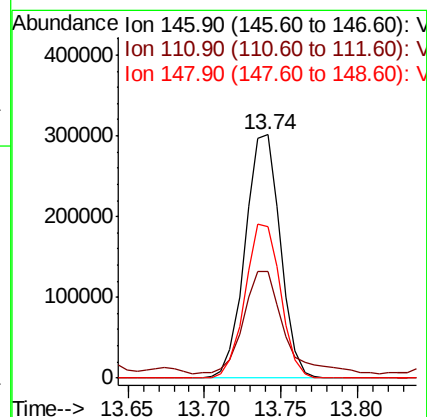
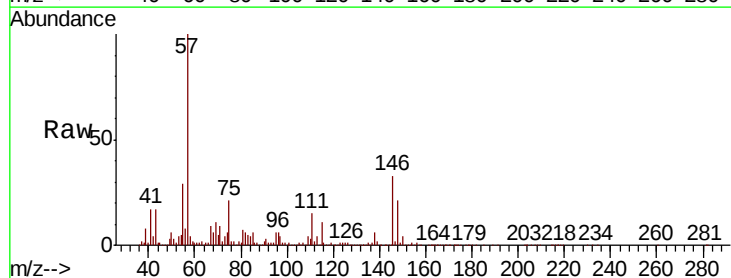
Tgt Ion:146 Resp: 480247

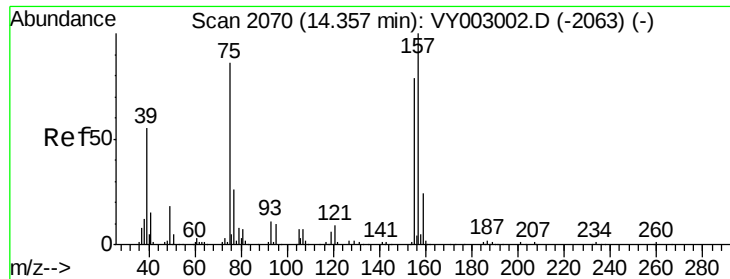
Ion Ratio Lower Upper

146 100

111 48.8 19.1 57.5

148 63.7 31.8 95.3

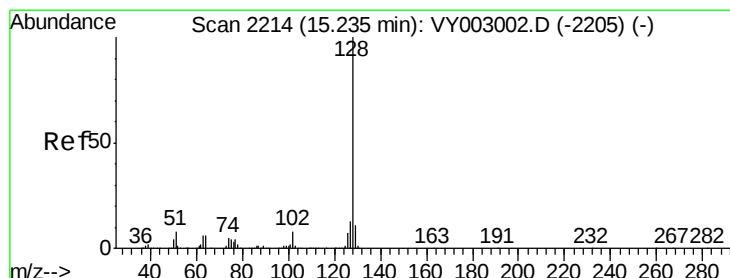
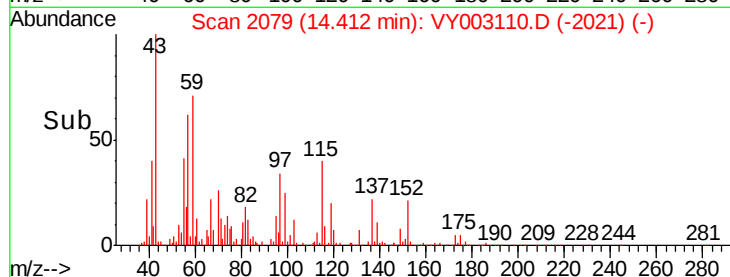
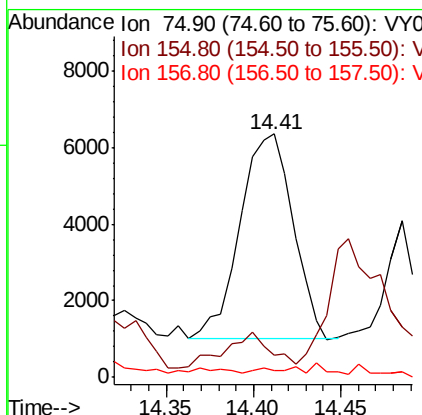
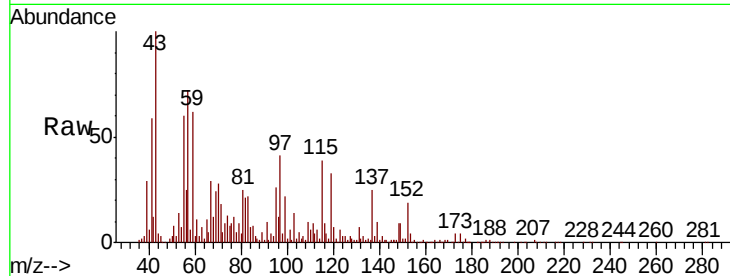




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.048 ug/l
 RT: 14.41 min Scan# 2079
 Delta R.T. 0.05 min
 Lab File: VY003110.D
 Acq: 06 Jul 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-NHS

Tot Ion: 75 Resp: 11229
 Ion Ratio Lower Upper
 75 100
 155 14.7 46.5 139.3#
 157 1.3 59.2 177.5#



#95
 Naphthalene
 Concen: 6.131 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VY003110.D
 Acq: 06 Jul 2020 14:01

Tgt Ion: 128 Resp: 44848
 Ion Ratio Lower Upper
 128 100
 127 86.0 10.8 16.2#
 129 8.3 8.8 13.2#

