

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001140.D
 Acq On : 02 Jan 2020 17:32
 Operator : SY/MD
 Sample : K6476-03
 Misc : 6.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB454_191227-21-23

Quant Time: Jan 02 23:04:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 13:16:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	295715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	513497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	459899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	199186	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	134377	54.58	ug/l	0.00
Spiked Amount			Recovery	=	109.16%	
35) Dibromofluoromethane	7.72	113	146367	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
50) Toluene-d8	10.18	98	585770	54.87	ug/l	0.00
Spiked Amount			Recovery	=	109.74%	
62) 4-Bromofluorobenzene	12.48	95	193378	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	1682	1.113	ug/l #	86
4) Vinyl Chloride	2.25	62	394575	256.758	ug/l	99
8) Diethyl Ether	3.55	74	54	5.314	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	3.90	101	6982	2.685	ug/l	92
10) Methyl Iodide	4.10	142	279	3.774	ug/l #	67
11) Tert butyl alcohol	5.22	59	11618	53.261	ug/l #	75
12) 1,1-Dichloroethene	3.88	96	55226	20.583	ug/l	99
13) Acrolein	3.77	56	20	16.239	ug/l #	15
14) Allyl chloride	4.50	41	44	2.442	ug/l #	22
15) Acrylonitrile	5.18	53	109	13.704	ug/l #	19
16) Acetone	3.96	43	3193	27.802	ug/l	100
17) Carbon Disulfide	4.21	76	1888	3.882	ug/l #	75
18) Methyl Acetate	4.48	43	524	4.052	ug/l #	41
20) Methylene Chloride	4.72	84	12865	3.970	ug/l #	96
21) trans-1,2-Dichloroethene	5.23	96	410312	133.184	ug/l	96
23) Vinyl Acetate	6.07	43	731	8.740	ug/l #	63
24) 1,1-Dichloroethane	6.03	63	118167	28.146	ug/l	98
25) 2-Butanone	7.01	43	1259	1.624	ug/l #	1
27) cis-1,2-Dichloroethene	6.99	96	9049166	2500.152	ug/l	94
31) Cyclohexane	7.80	56	5190	1.066	ug/l #	7
36) 1,1-Dichloropropene	7.80	75	19203	4.286	ug/l #	48
38) Carbon Tetrachloride	7.80	117	27301	5.865	ug/l #	18
40) Benzene	8.17	78	26642	1.932	ug/l	97
41) Methacrylonitrile	7.32	41	153	3.067	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	43635	13.293	ug/l	97
44) Trichloroethene	8.94	130	2770933	671.448	ug/l	91
52) Toluene	10.24	92	580289	69.081	ug/l	99
53) t-1,3-Dichloropropene	10.24	75	5895	1.390	ug/l #	1
60) Dibromochloromethane	10.72	129	42816	14.336	ug/l #	12
64) Tetrachloroethene	10.72	164	46859	10.859	ug/l	92
65) Chlorobenzene	11.52	112	93254	9.534	ug/l	94
68) m/p-Xylenes	11.69	106	8315	1.234	ug/l	79
76) 1,2,3-Trichloropropane	12.47	75	91451	43.404	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	91451	89.977	ug/l #	22

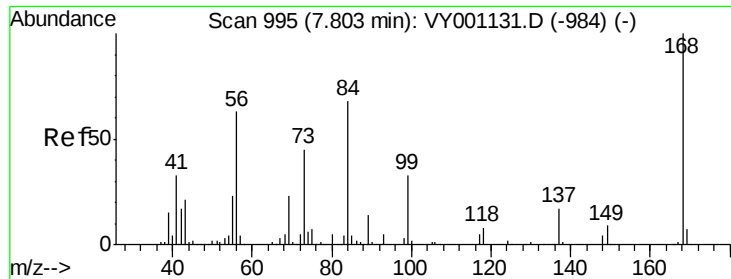
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
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Quant Title : SW846 8260
QLast Update : Thu Jan 02 13:16:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.11	105	13328	1.048	ug/l	97
87) 1,3-Dichlorobenzene	13.36	146	13034	1.918	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	52972	7.741	ug/l	95
91) 1,2-Dichlorobenzene	13.73	146	99208	15.915	ug/l	98
93) 1,2,4-Trichlorobenzene	15.00	180	7188	1.674	ug/l #	78
95) Naphthalene	15.23	128	27229	2.779	ug/l #	94

(#) = 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. -0.01 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

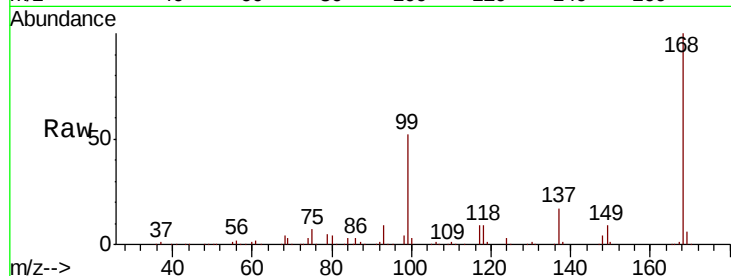
WP022SB454_191227-21-23

Tot Ion:168 Resp: 295715

Ion Ratio Lower Upper

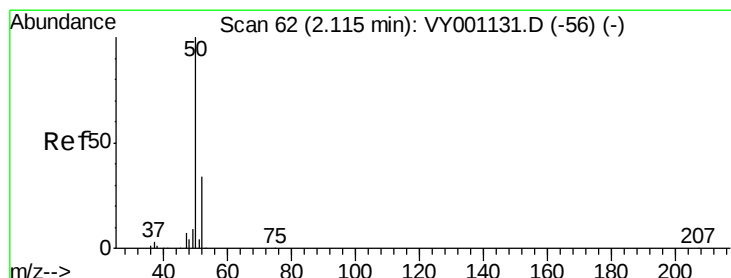
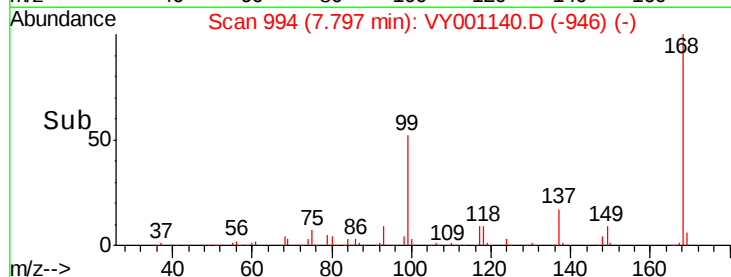
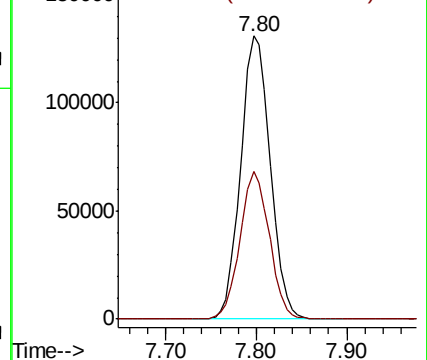
168 100

99 52.2 42.5 63.7



Abundance Ion 167.90 (167.60 to 168.60): VY001131.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY001131.D (-984) (-)



#3

Chloromethane

Concen: 1.113 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001140.D

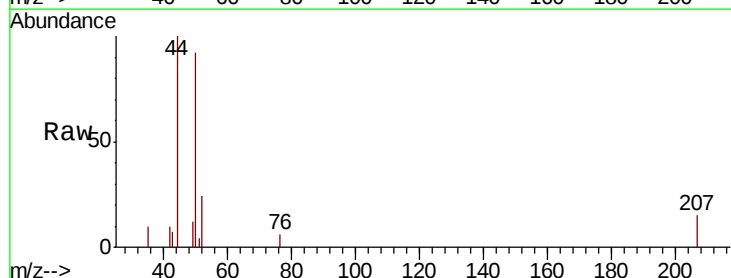
Acq: 02 Jan 2020 17:32

Tgt Ion: 50 Resp: 1682

Ion Ratio Lower Upper

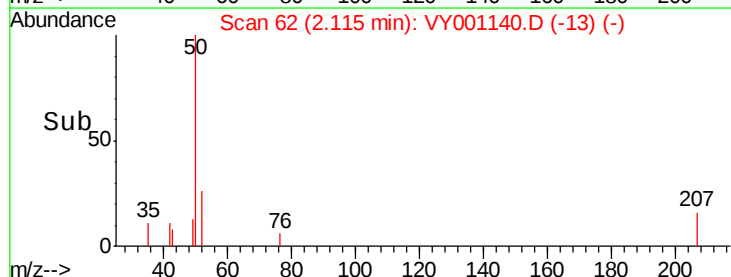
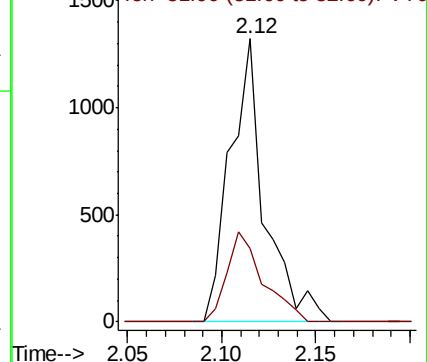
50 100

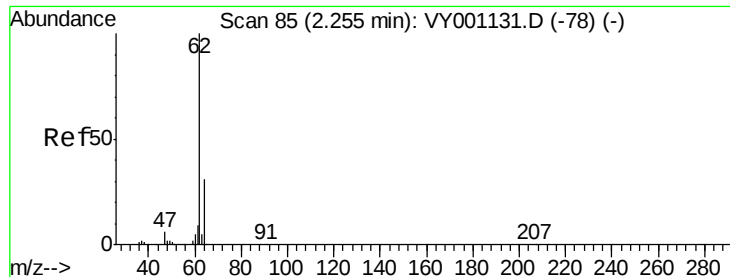
52 25.9 27.3 40.9#



Abundance Ion 49.90 (49.60 to 50.60): VY001131.D (-56) (-)

Ion 51.90 (51.60 to 52.60): VY001131.D (-56) (-)





#4

Vinyl Chloride

Concen: 256.758 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

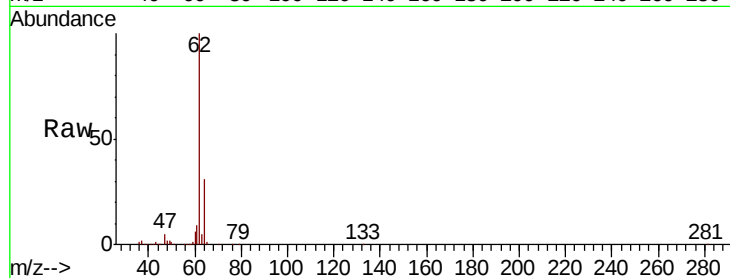
WP022SB454_191227-21-23

Tot Ion: 62 Resp: 394575

Ion Ratio Lower Upper

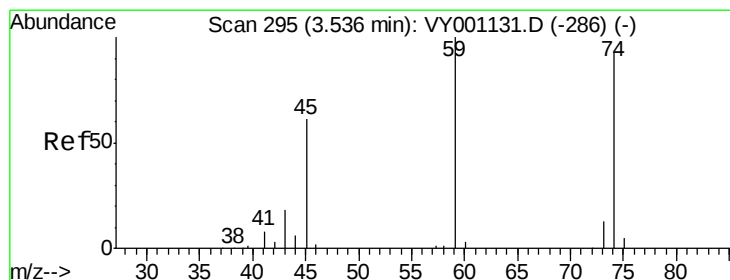
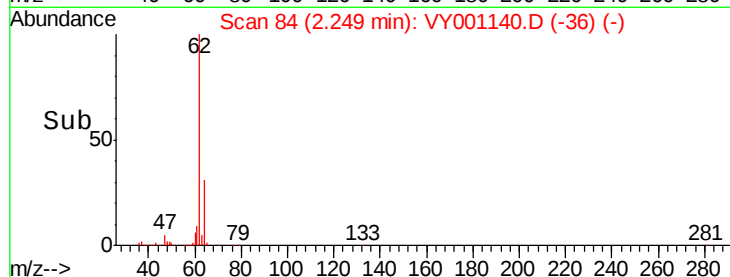
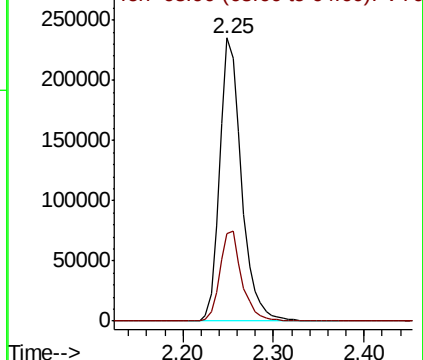
62 100

64 30.9 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0



#8

Diethyl Ether

Concen: 5.314 ug/l

RT: 3.55 min Scan# 298

Delta R.T. 0.02 min

Lab File: VY001140.D

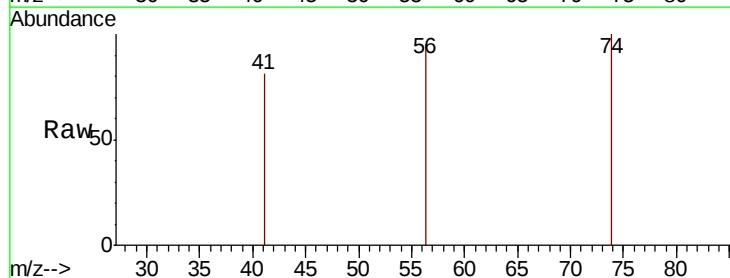
Acq: 02 Jan 2020 17:32

Tgt Ion: 74 Resp: 54

Ion Ratio Lower Upper

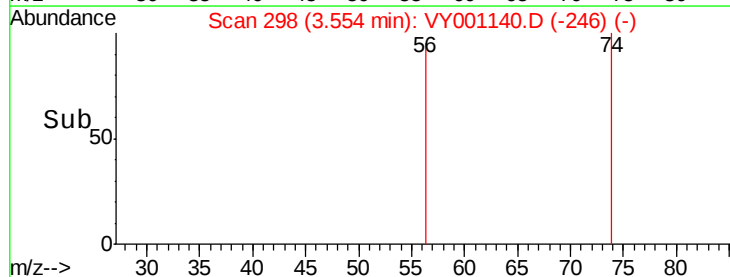
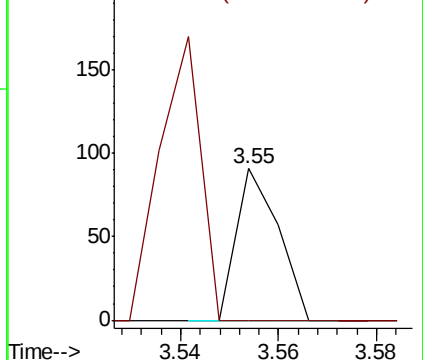
74 100

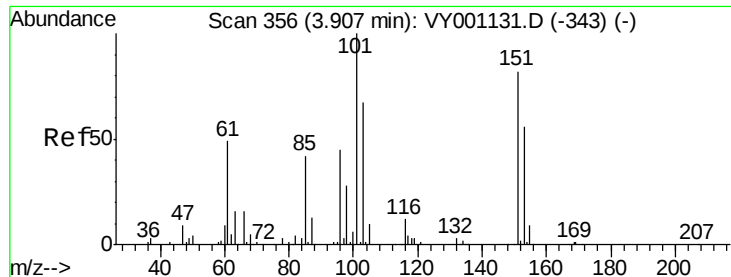
45 183.3 33.2 99.6#



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.685 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB454_191227-21-23

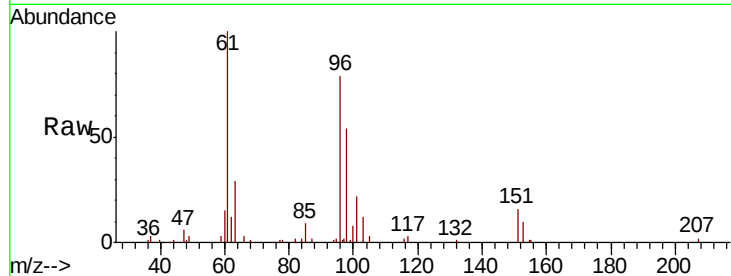
Tot Ion:101 Resp: 6982

Ion Ratio Lower Upper

101 100

85 39.2 32.8 49.2

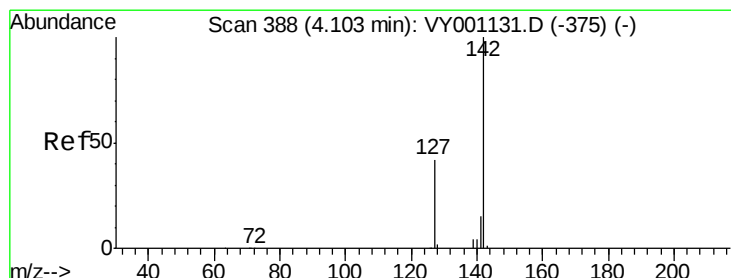
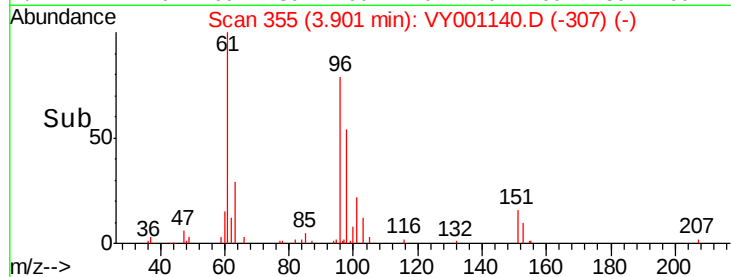
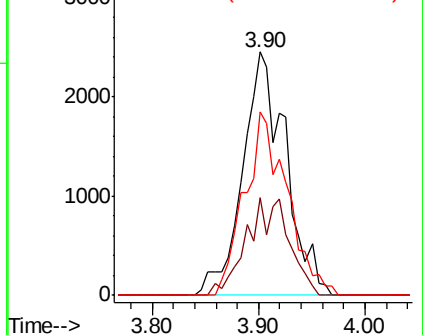
151 74.0 67.4 101.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.774 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

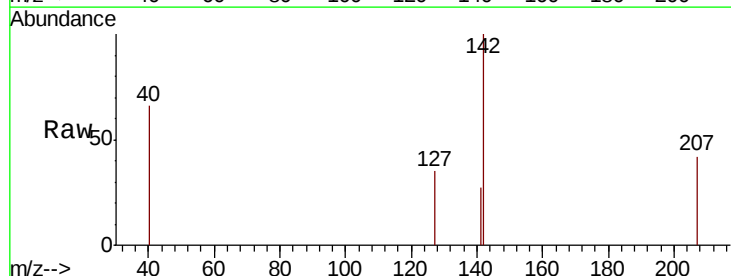
Tgt Ion:142 Resp: 279

Ion Ratio Lower Upper

142 100

127 64.5 32.2 48.4#

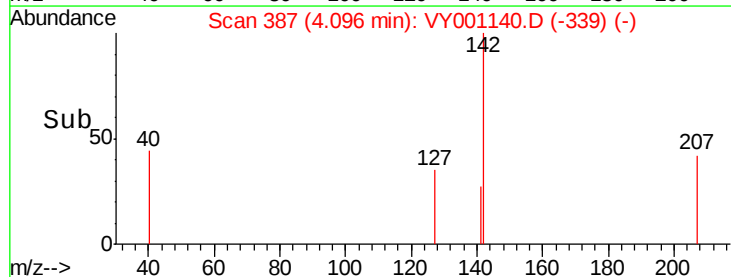
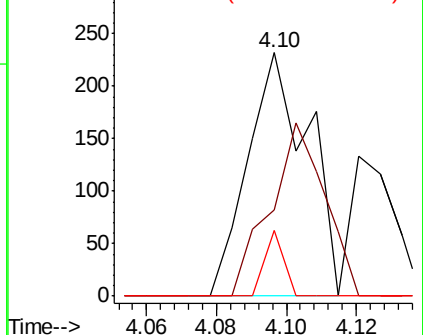
141 8.2 11.1 16.7#

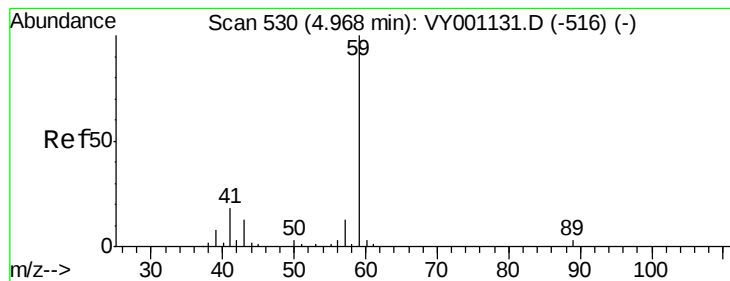


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



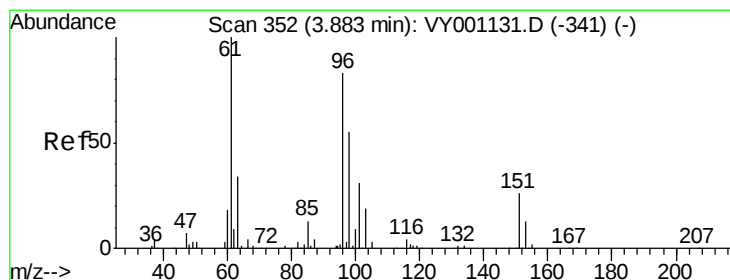
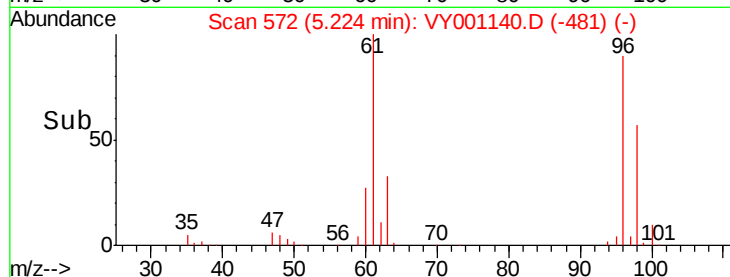
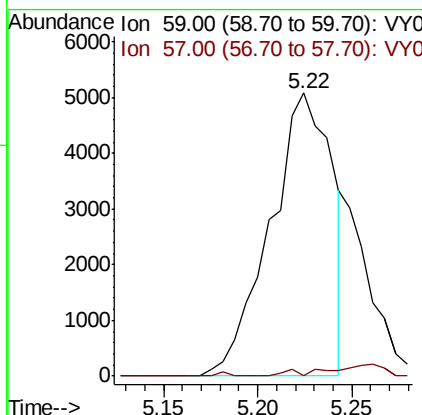
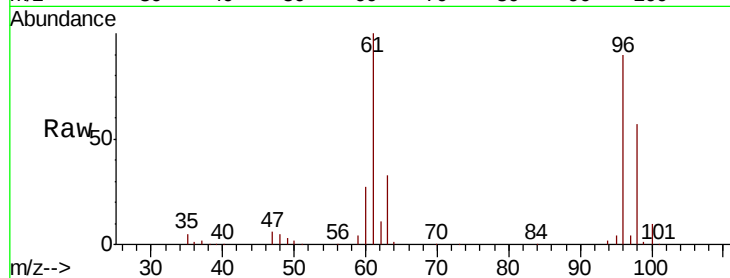


#11

Tert butyl alcohol
 Concen: 53.261 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. 0.26 min
 Lab File: VY001140.D
 Acq: 02 Jan 2020 17:32

Instrument :
 MSVOA_Y
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 WP022SB454_191227-21-23

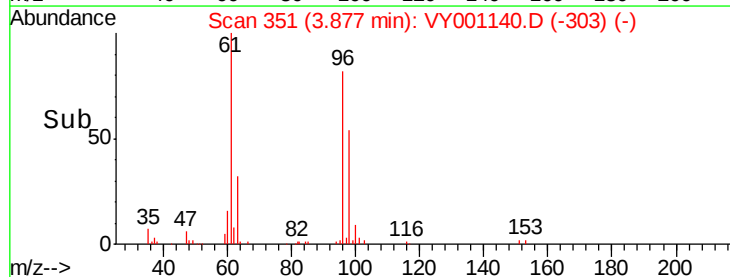
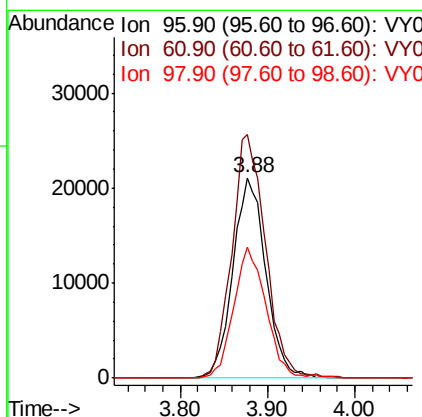
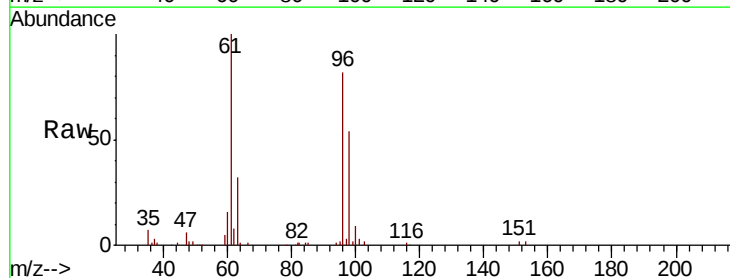
Tot Ion: 59 Resp: 11618
 Ion Ratio Lower Upper
 59 100
 57 0.6 7.8 11.6#

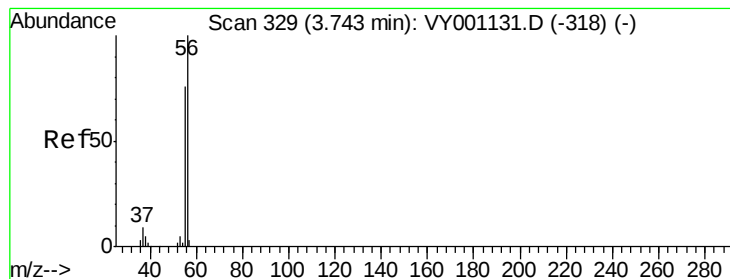


#12

1,1-Dichloroethene
 Concen: 20.583 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY001140.D
 Acq: 02 Jan 2020 17:32

Tgt Ion: 96 Resp: 55226
 Ion Ratio Lower Upper
 96 100
 61 121.6 96.2 144.4
 98 65.6 52.8 79.2





#13

Acrolein

Concen: 16.239 ug/l

RT: 3.77 min Scan# 334

Delta R.T. 0.03 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

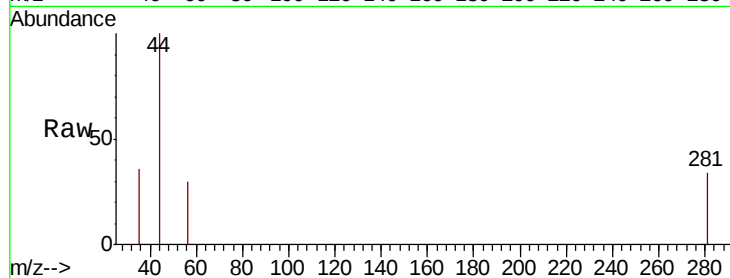
WP022SB454_191227-21-23

Tot Ion: 56 Resp: 20

Ion Ratio Lower Upper

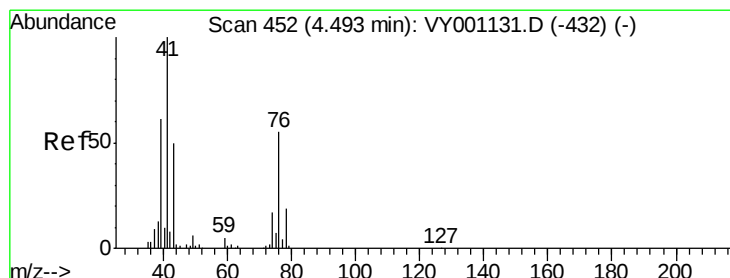
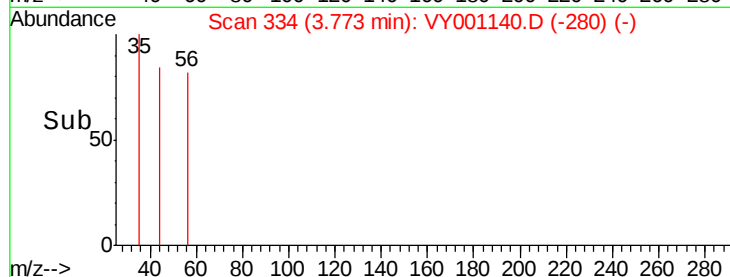
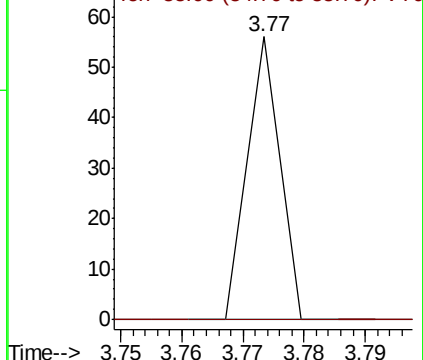
56 100

55 0.0 55.7 83.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 2.442 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

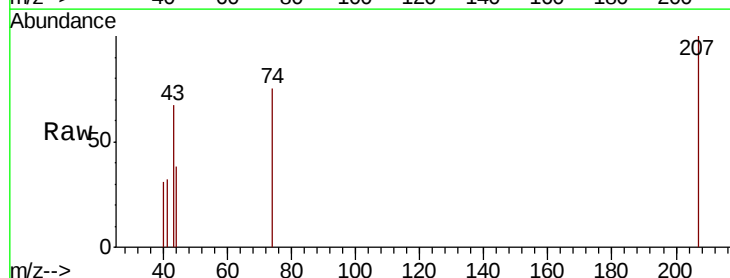
Tgt Ion: 41 Resp: 44

Ion Ratio Lower Upper

41 100

39 0.0 50.1 75.1#

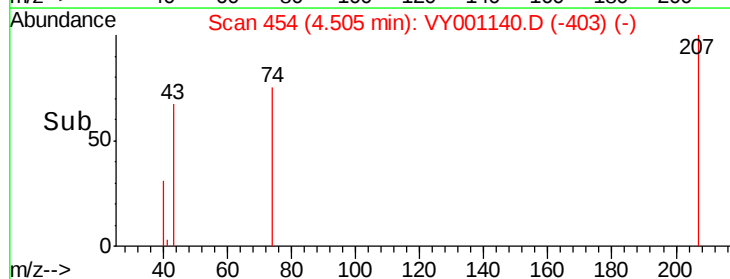
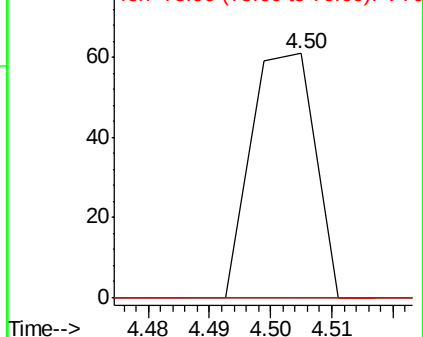
76 0.0 42.1 63.1#

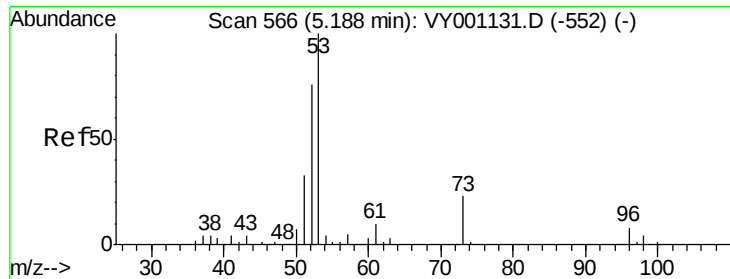


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 13.704 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

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ClientSampleId :

WP022SB454_191227-21-23

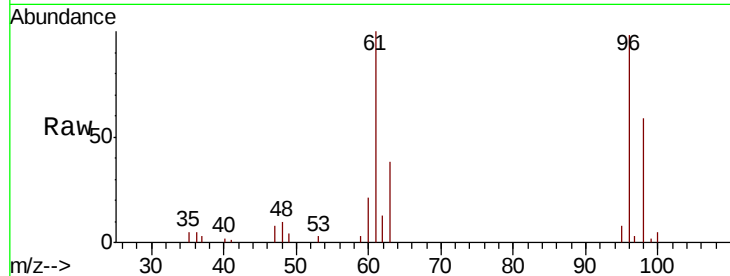
Tot Ion: 53 Resp: 109

Ion Ratio Lower Upper

53 100

52 0.0 63.0 94.4#

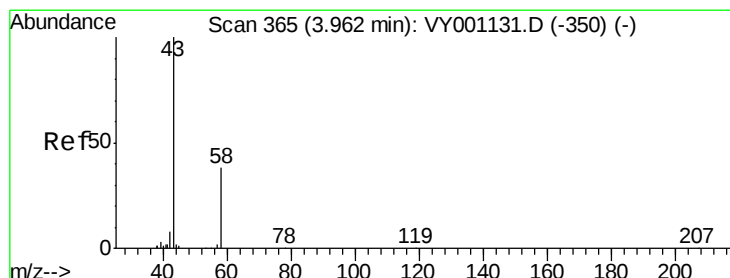
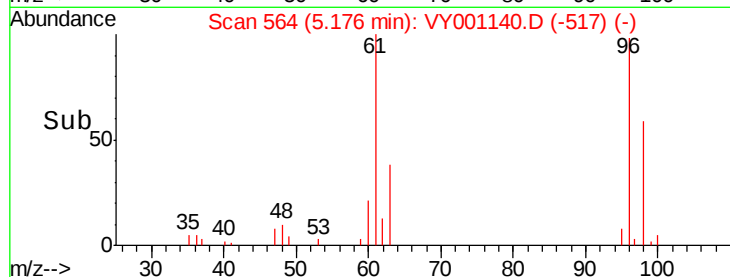
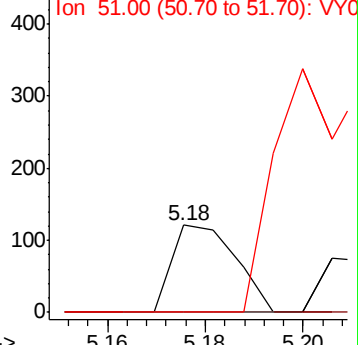
51 0.0 26.1 39.1#



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 27.802 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY001140.D

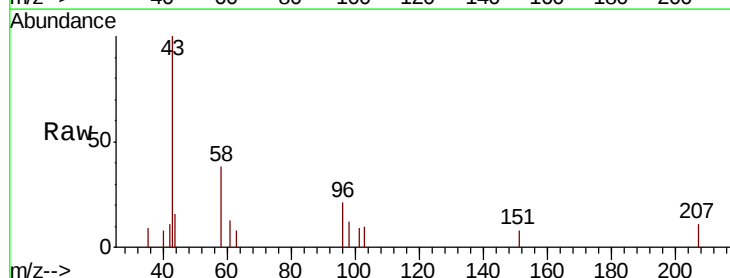
Acq: 02 Jan 2020 17:32

Tgt Ion: 43 Resp: 3193

Ion Ratio Lower Upper

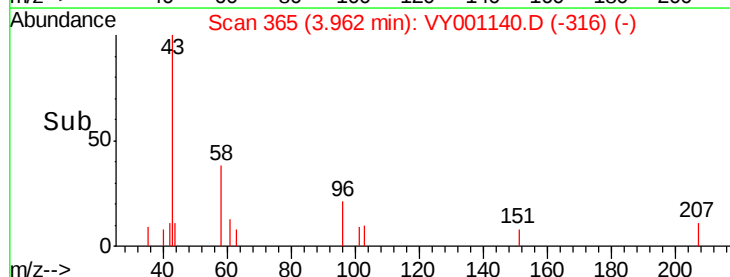
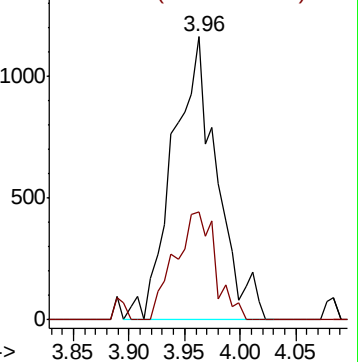
43 100

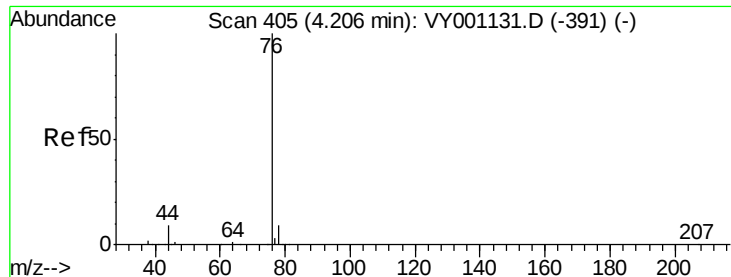
58 38.1 30.6 46.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 3.882 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.00 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

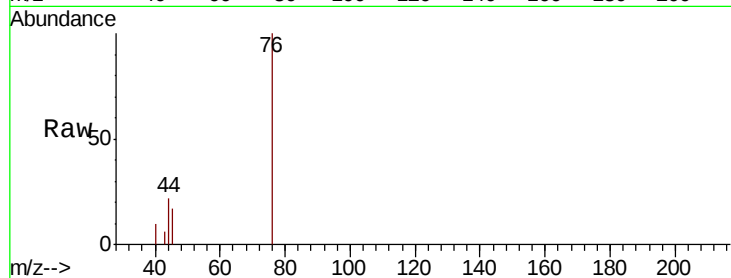
WP022SB454_191227-21-23

Tot Ion: 76 Resp: 1888

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VY001140.D (-356) (-)

Ion 77.90 (77.60 to 78.60): VY001140.D (-356) (-)

4.21

800

600

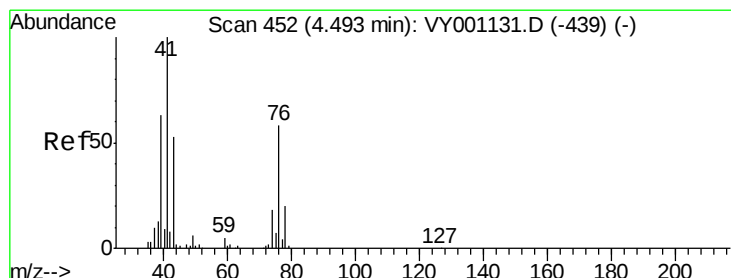
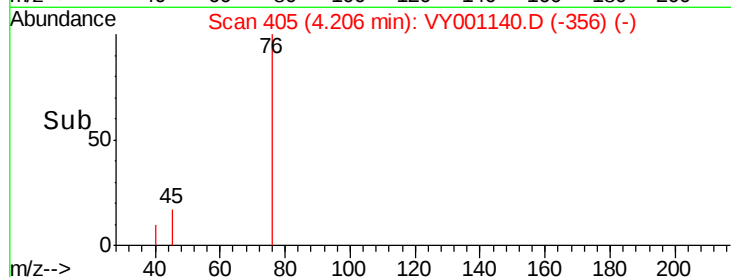
400

200

0

4.15 4.20 4.25

Time-->



#18

Methyl Acetate

Concen: 4.052 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY001140.D

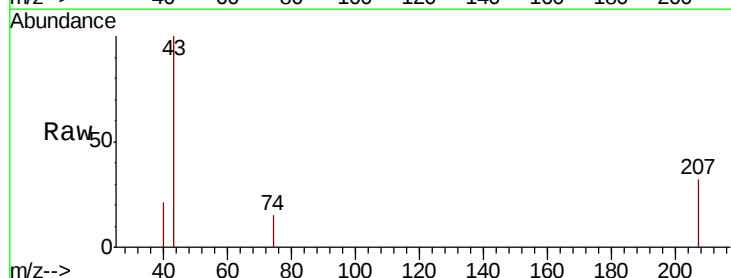
Acq: 02 Jan 2020 17:32

Tgt Ion: 43 Resp: 524

Ion Ratio Lower Upper

43 100

74 0.0 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001140.D (-403) (-)

Ion 74.00 (73.70 to 74.70): VY001140.D (-403) (-)

4.48

500

400

300

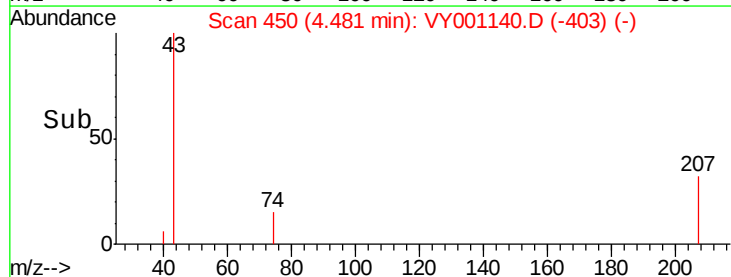
200

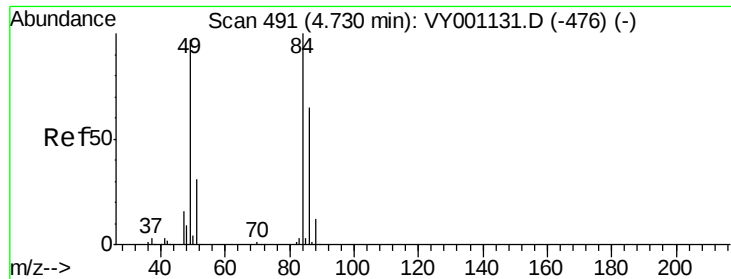
100

0

4.44 4.46 4.48 4.50

Time-->

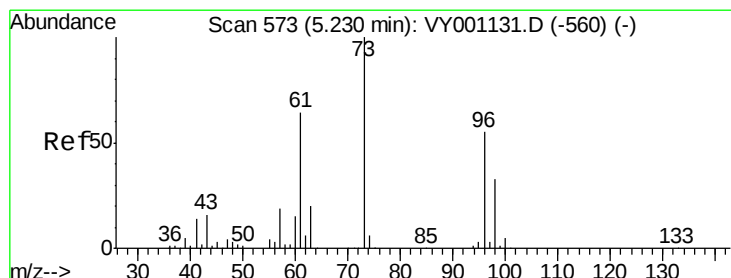
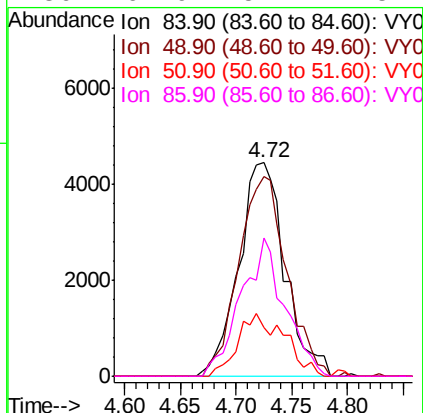
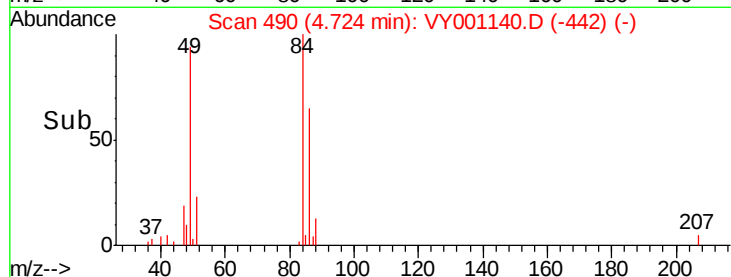
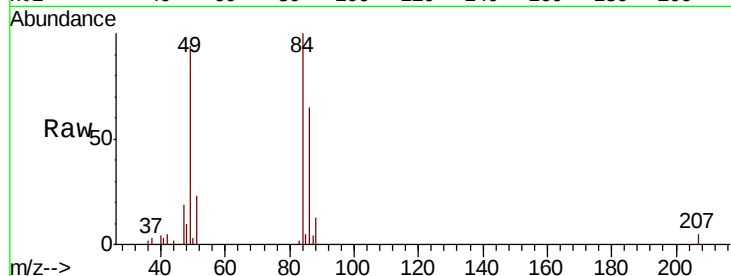




#20
Methvlene Chloride
Concen: 3.970 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY001140.D
Acq: 02 Jan 2020 17:32

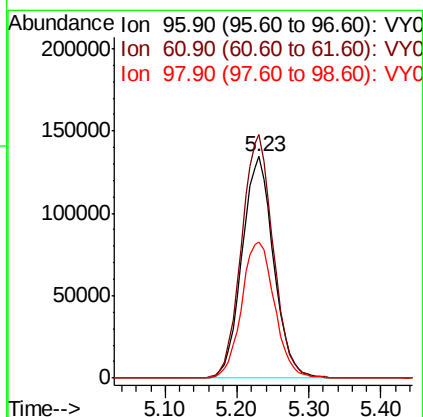
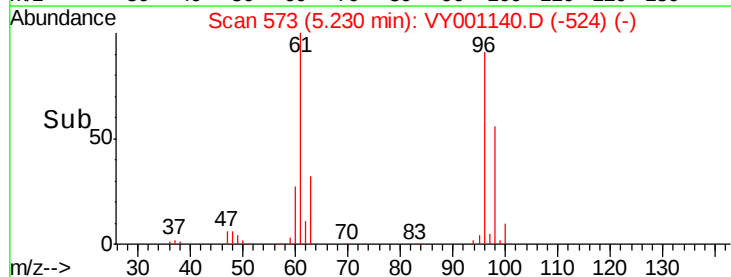
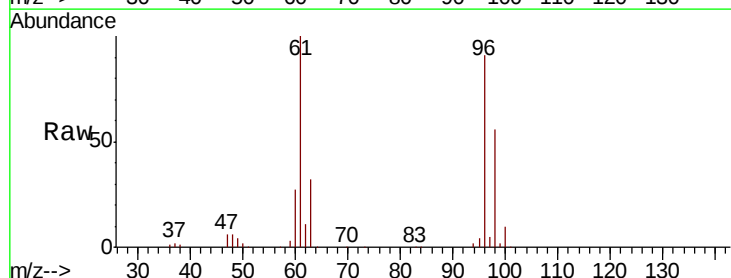
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB454_191227-21-23

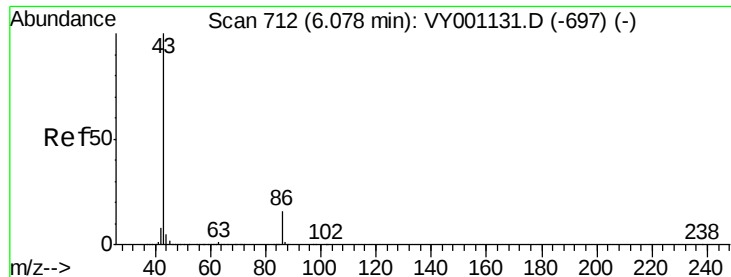
Tot Ion	Ratio	Lower	Upper
84	100		
49	93.5	77.5	116.3
51	22.9	24.7	37.1#
86	64.9	52.2	78.2



#21
trans-1,2-Dichloroethene
Concen: 133.184 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY001140.D
Acq: 02 Jan 2020 17:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	109.8	93.2	139.8
98	61.6	48.8	73.2





#23

Vinyl Acetate

Concen: 8.740 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

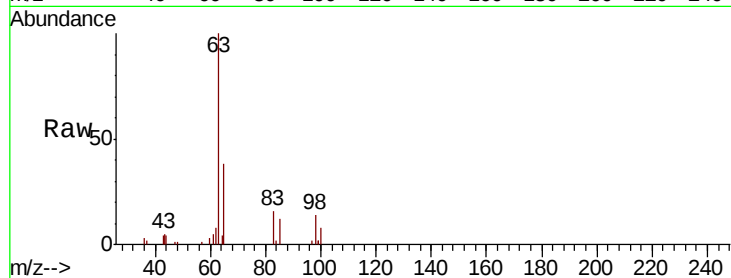
WP022SB454_191227-21-23

Tot Ion: 43 Resp: 731

Ion Ratio Lower Upper

43 100

86 0.0 12.6 18.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400

300

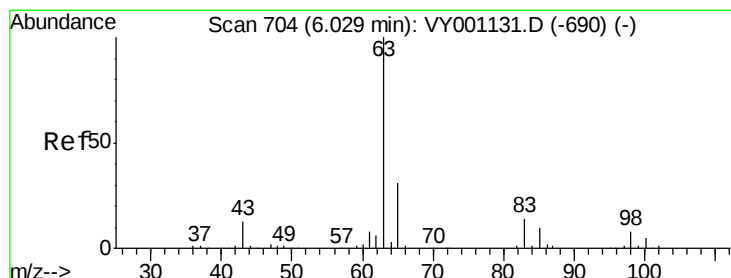
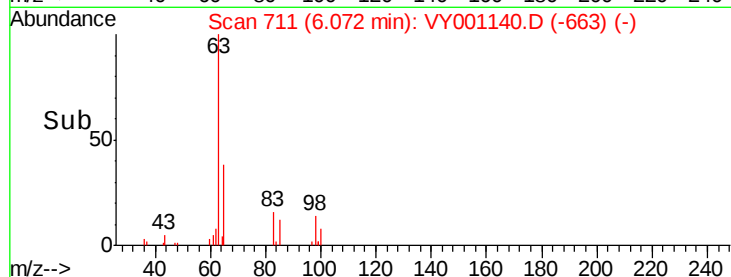
200

100

0

6.00 6.05 6.10 6.15

Time-->



#24

1,1-Dichloroethane

Concen: 28.146 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

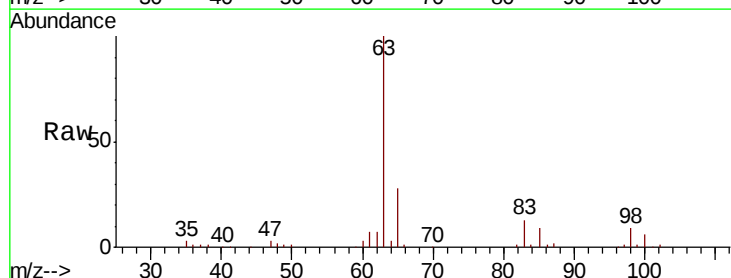
Tgt Ion: 63 Resp: 118167

Ion Ratio Lower Upper

63 100

98 8.5 4.1 12.3

100 5.9 2.5 7.6



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

50000

40000

30000

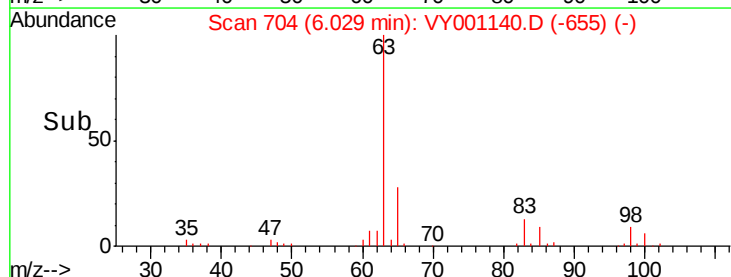
20000

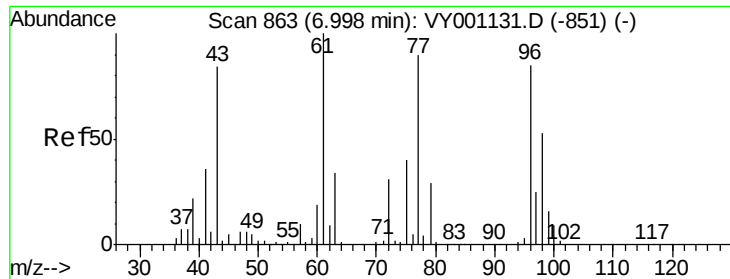
10000

0

5.90 6.00 6.10 6.20

Time-->

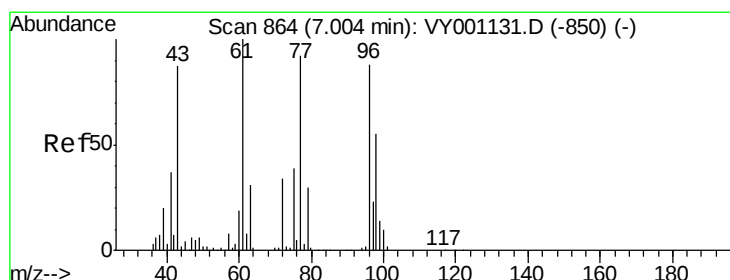
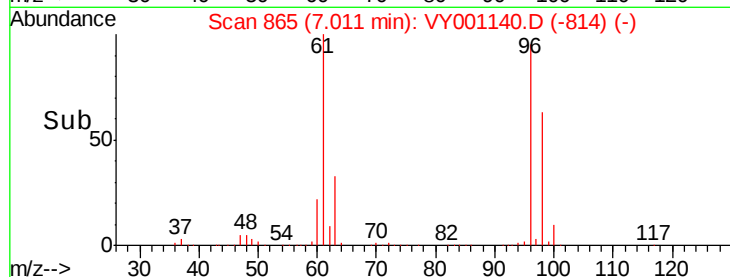
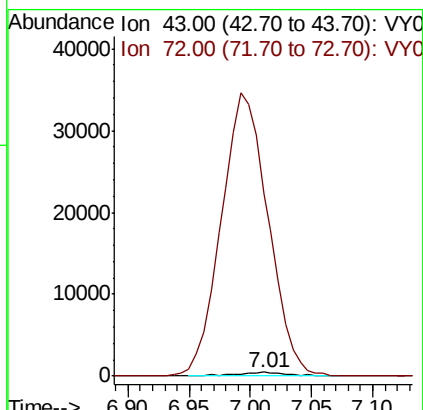
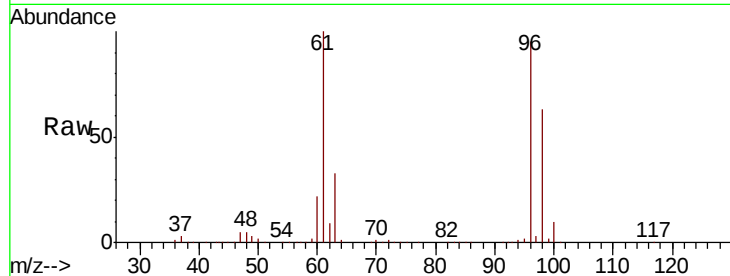




#25
2-Butanone
Concen: 1.624 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY001140.D
Acq: 02 Jan 2020 17:32

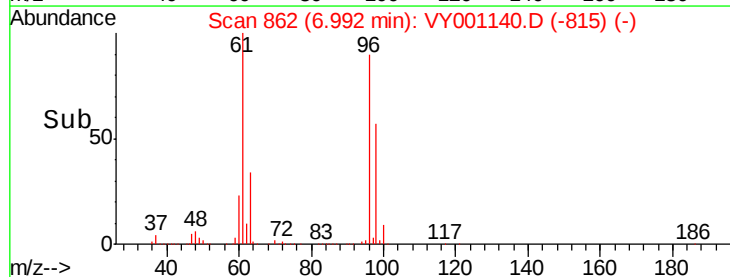
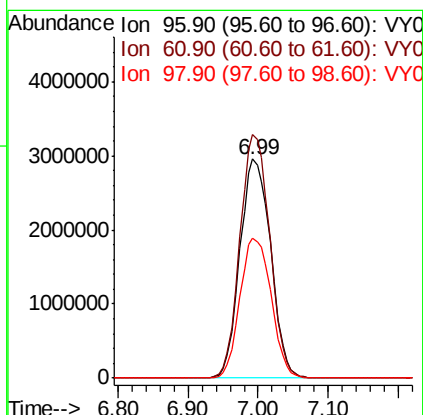
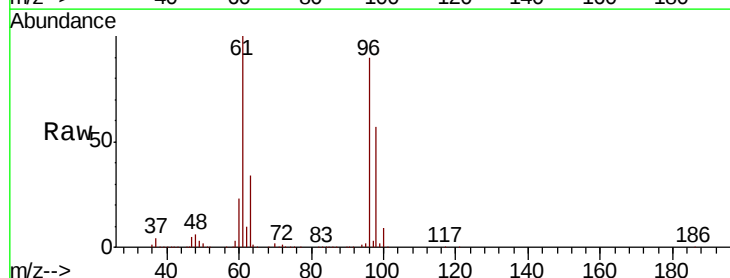
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB454_191227-21-23

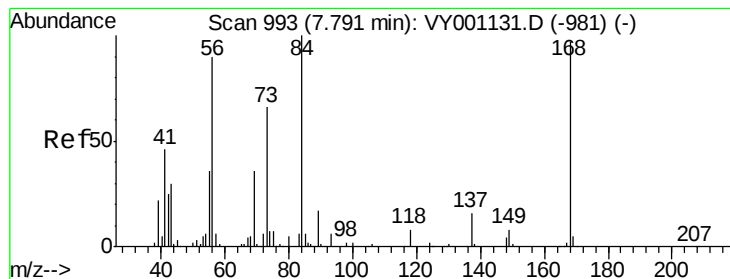
Tot Ion: 43 Resp: 1259
Ion Ratio Lower Upper
43 100
72 4440.0 29.5 44.3#



#27
cis-1,2-Dichloroethene
Concen: 2500.152 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001140.D
Acq: 02 Jan 2020 17:32

Tgt Ion: 96 Resp: 9049166
Ion Ratio Lower Upper
96 100
61 107.9 0.0 235.0
98 64.9 0.0 127.4





#31

Cyclohexane

Concen: 1.066 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB454_191227-21-23

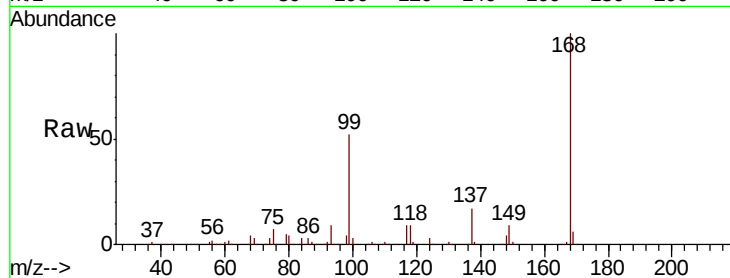
Tot Ion: 56 Resp: 5190

Ion Ratio Lower Upper

56 100

69 163.0 32.0 48.0#

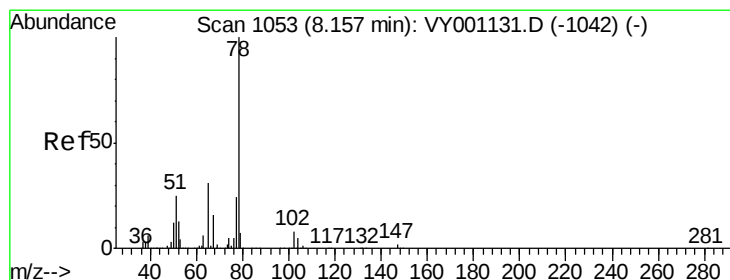
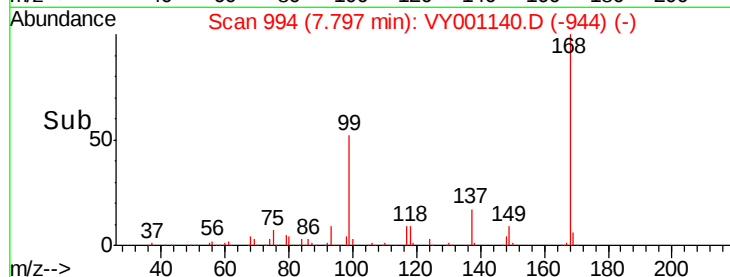
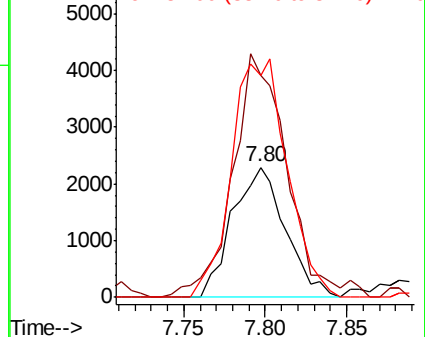
84 170.1 89.1 133.7#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 54.579 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY001140.D

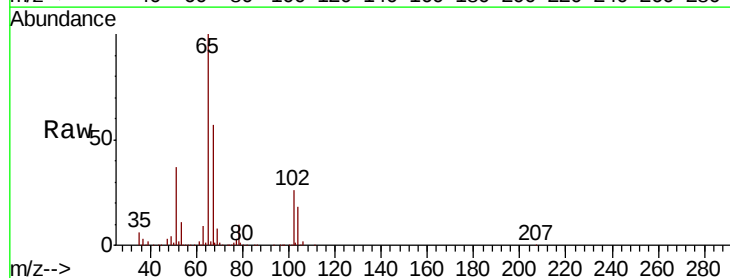
Acq: 02 Jan 2020 17:32

Tgt Ion: 65 Resp: 134377

Ion Ratio Lower Upper

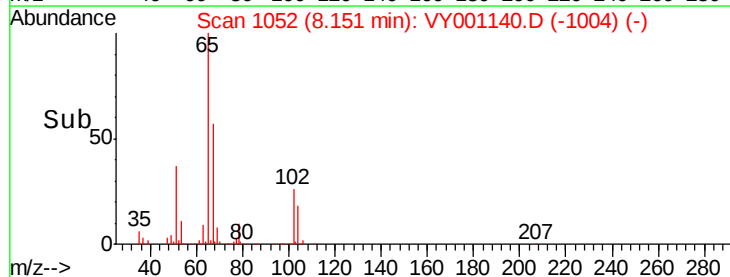
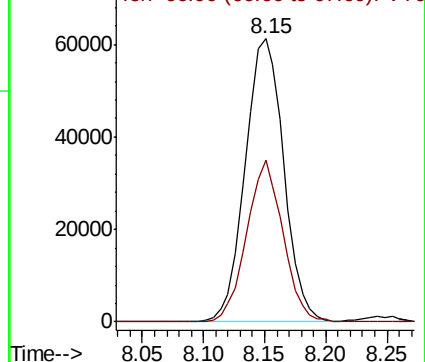
65 100

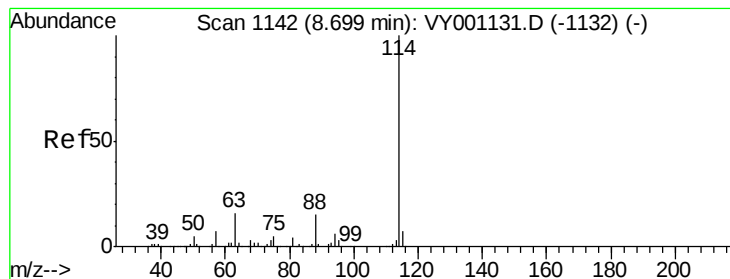
67 53.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB454_191227-21-23

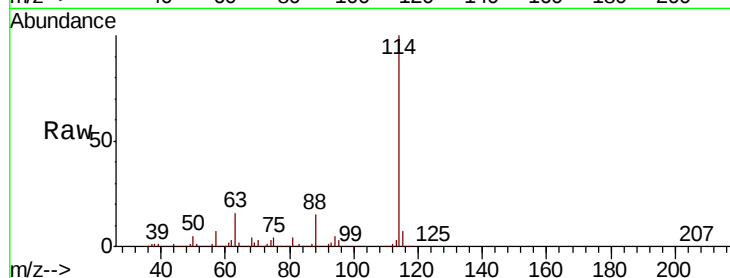
Tot Ion:114 Resp: 513497

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.0

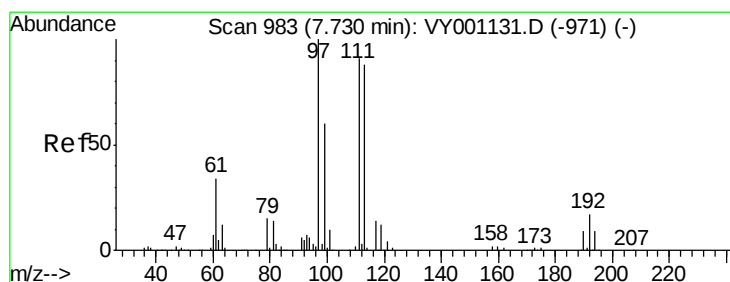
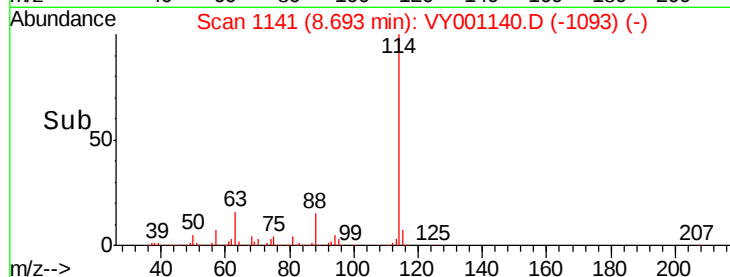
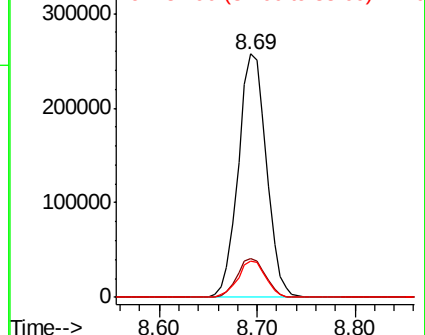
88 14.9 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 50.126 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

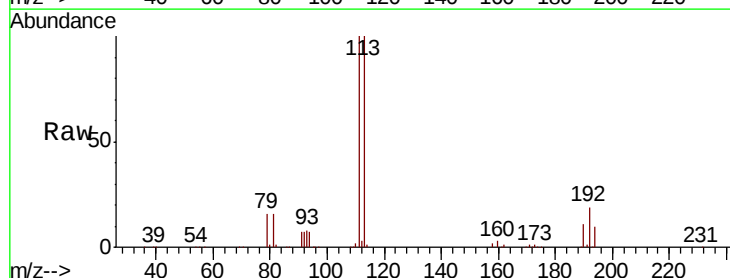
Tgt Ion:113 Resp: 146367

Ion Ratio Lower Upper

113 100

111 101.5 81.0 121.4

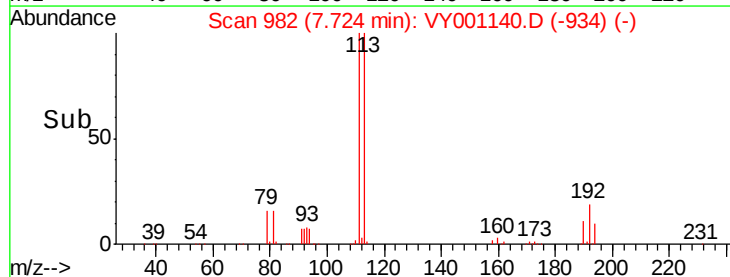
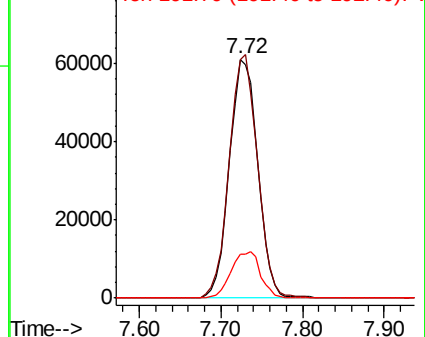
192 20.0 16.4 24.6

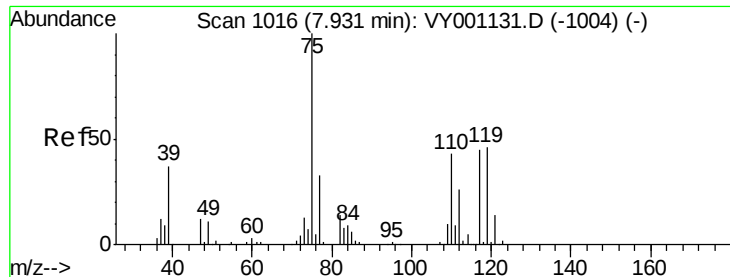


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

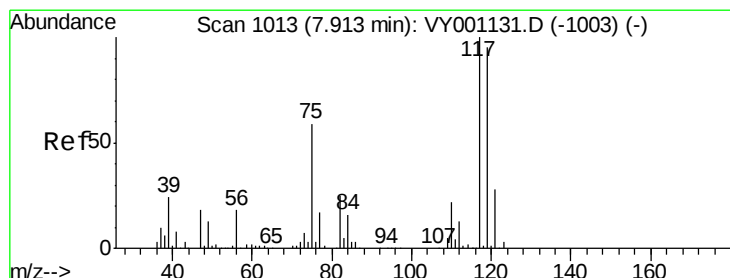
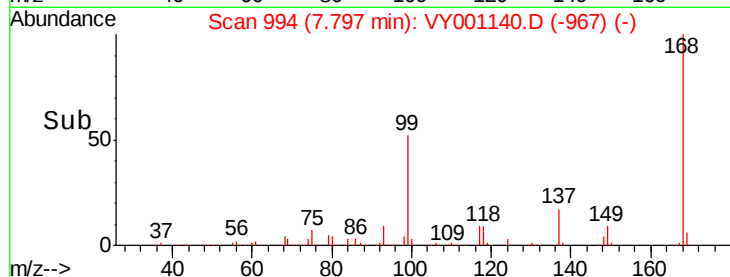
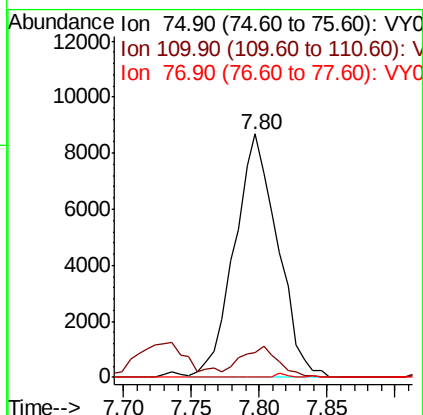
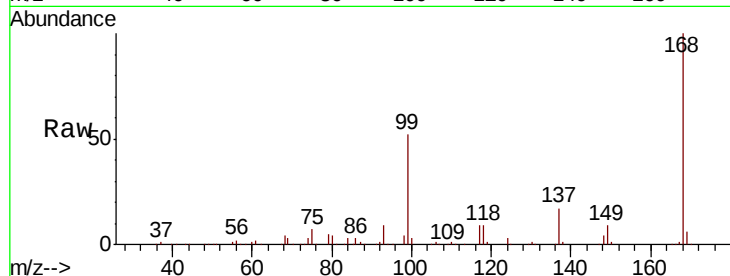




#36
 1,1-Dichloropropene
 Concen: 4.286 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001140.D
 Acq: 02 Jan 2020 17:32

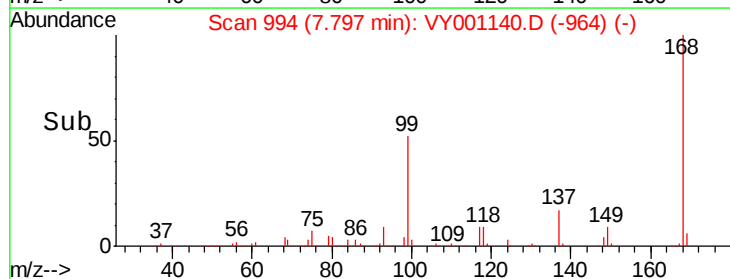
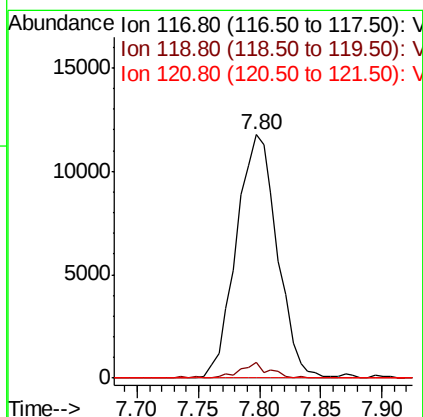
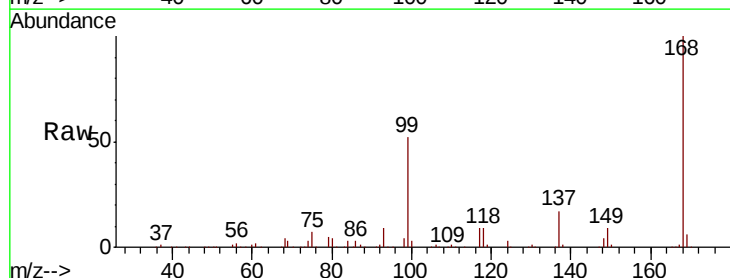
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB454_191227-21-23

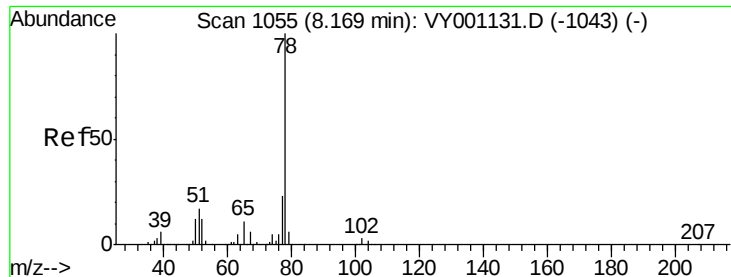
Tot Ion: 75 Resp: 19203
 Ion Ratio Lower Upper
 75 100
 110 11.1 20.6 61.8#
 77 0.0 25.7 38.5#



#38
 Carbon Tetrachloride
 Concen: 5.865 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY001140.D
 Acq: 02 Jan 2020 17:32

Tgt Ion: 117 Resp: 27301
 Ion Ratio Lower Upper
 117 100
 119 6.6 75.8 113.6#
 121 0.0 22.5 33.7#





#40

Benzene

Concen: 1.932 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

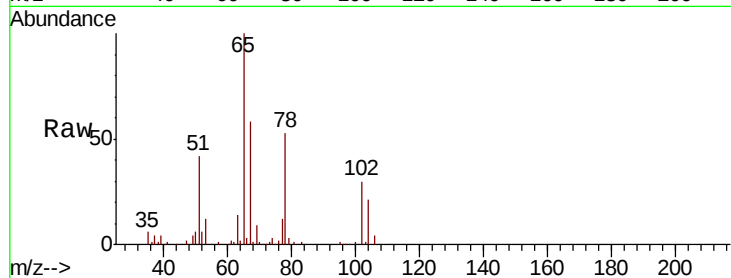
WP022SB454_191227-21-23

Tot Ion: 78 Resp: 26642

Ion Ratio Lower Upper

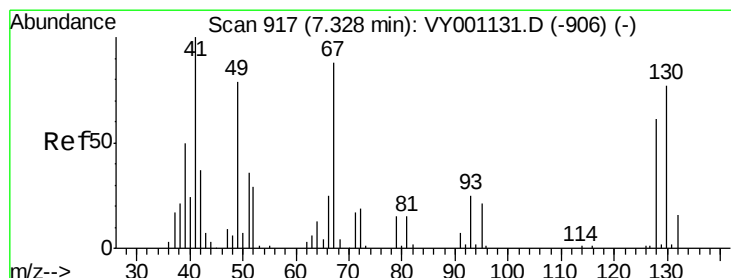
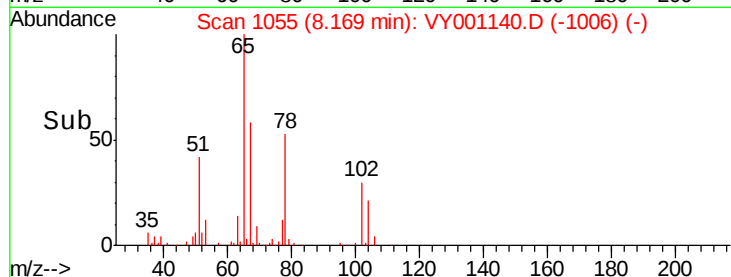
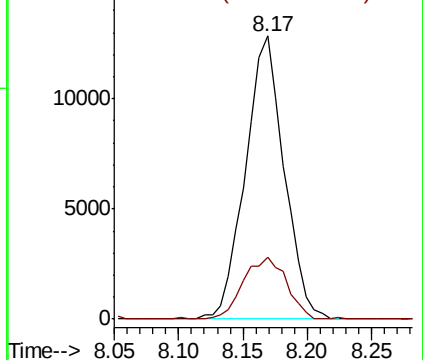
78 100

77 22.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#41

Methacrylonitrile

Concen: 3.067 ug/l

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Tgt Ion: 41 Resp: 153

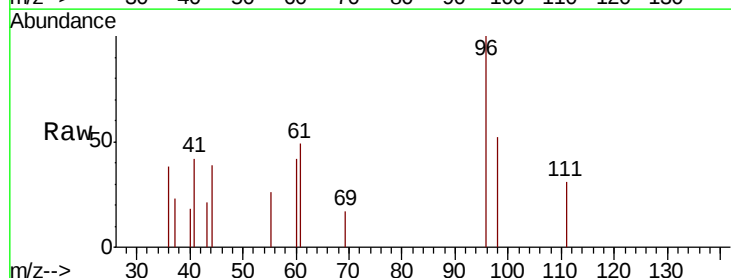
Ion Ratio Lower Upper

41 100

39 14.4 122.9 184.3#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

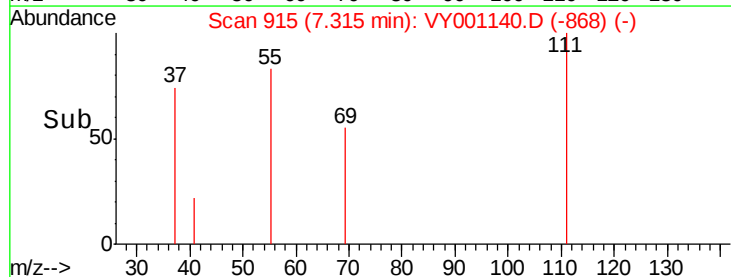
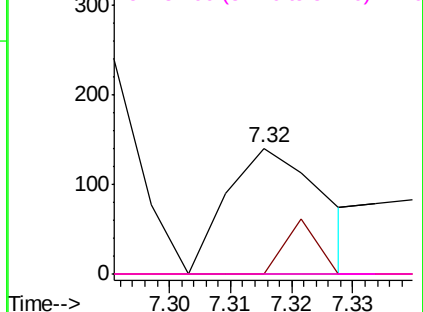


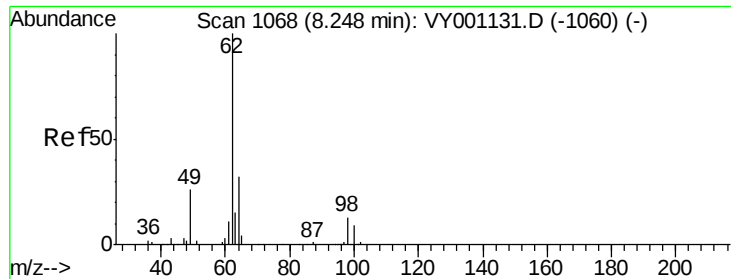
Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#42

1,2-Dichloroethane

Concen: 13.293 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

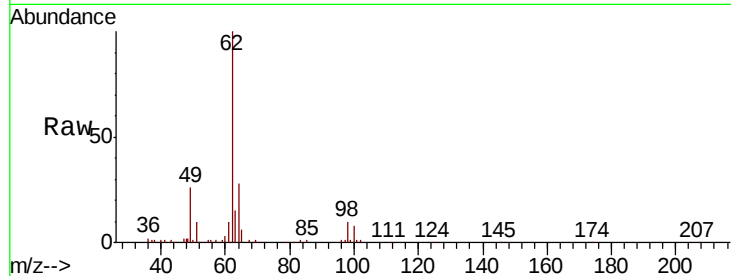
WP022SB454_191227-21-23

Tot Ion: 62 Resp: 43635

Ion Ratio Lower Upper

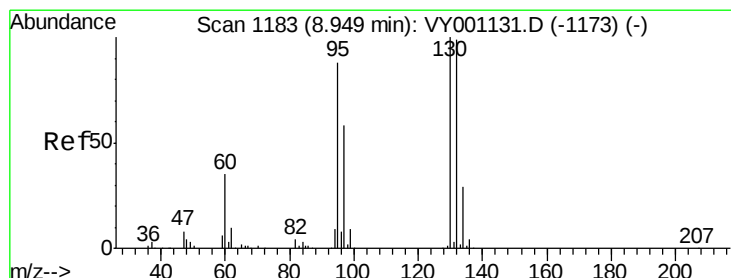
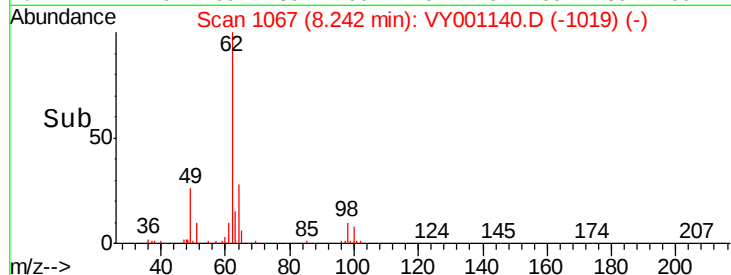
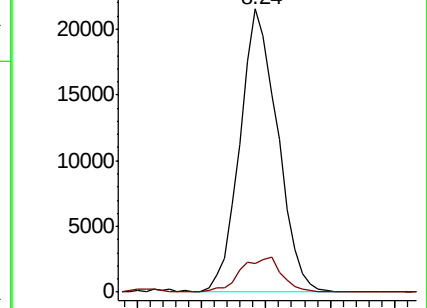
62 100

98 13.6 0.0 24.4



Abundance Ion 61.90 (61.60 to 62.60): VY001131.D (-1060) (-)

Ion 97.90 (97.60 to 98.60): VY001131.D (-1060) (-)



#44

Trichloroethene

Concen: 671.448 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY001140.D

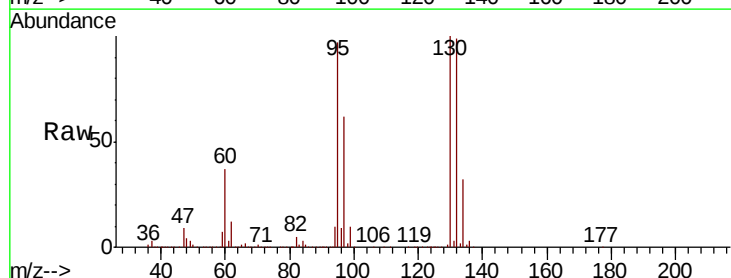
Acq: 02 Jan 2020 17:32

Tgt Ion:130 Resp: 2770933

Ion Ratio Lower Upper

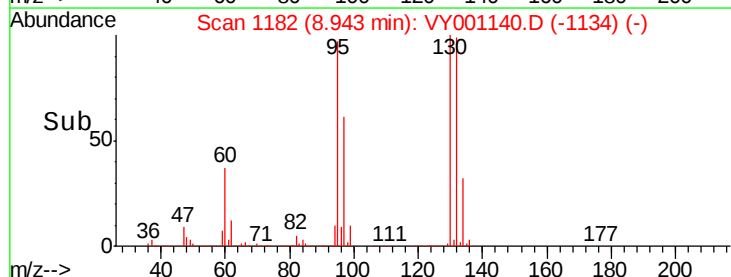
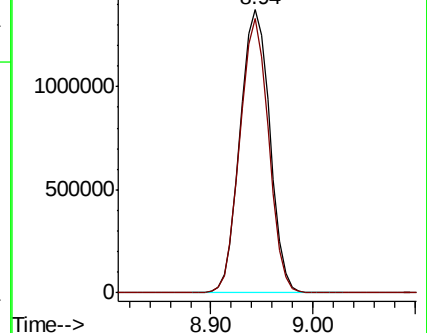
130 100

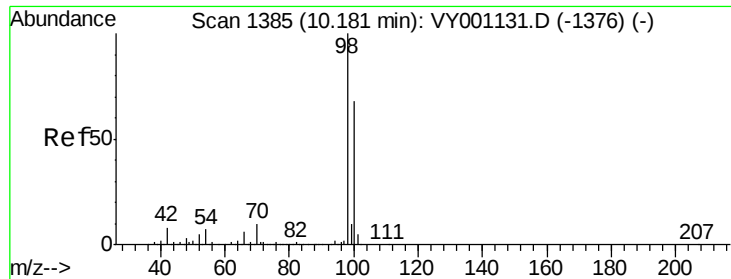
95 96.7 0.0 176.8



Abundance Ion 129.80 (129.50 to 130.50): VY001131.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY001131.D (-1173) (-)





#50

Toluene-d8

Concen: 54.870 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

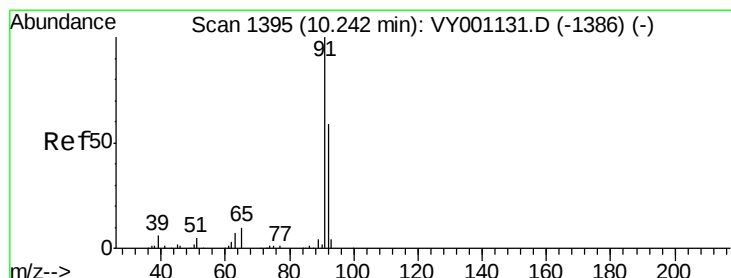
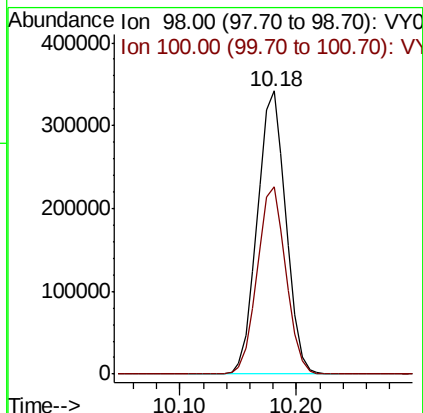
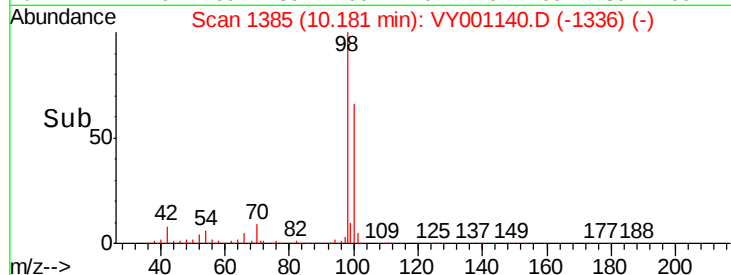
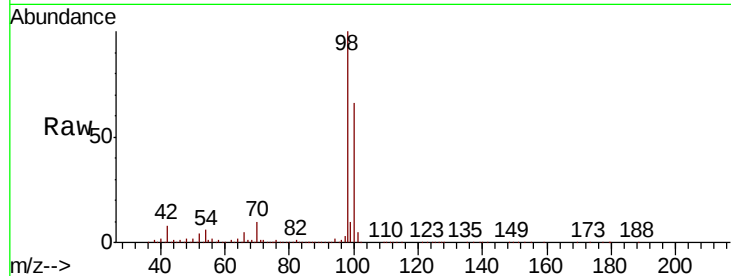
WP022SB454_191227-21-23

Tot Ion: 98 Resp: 585770

Ion Ratio Lower Upper

98 100

100 66.3 53.2 79.8



#52

Toluene

Concen: 69.081 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001140.D

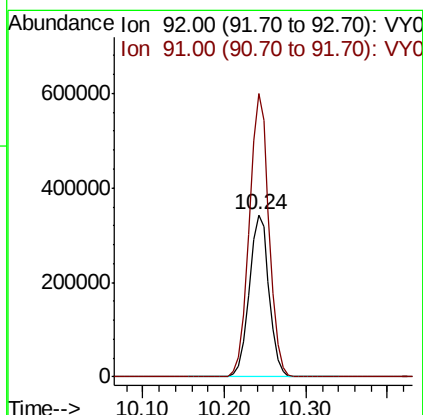
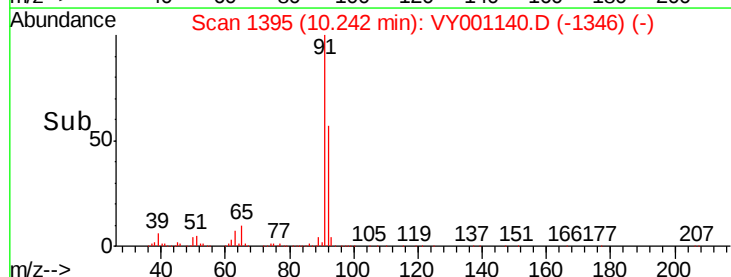
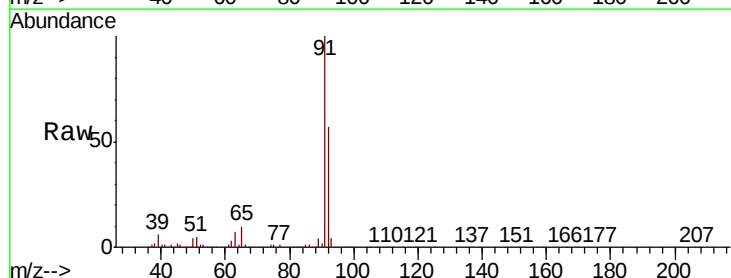
Acq: 02 Jan 2020 17:32

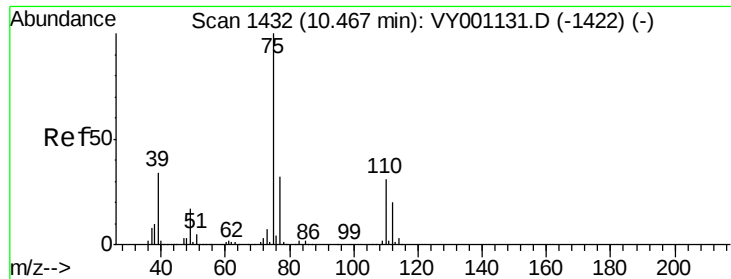
Tgt Ion: 92 Resp: 580289

Ion Ratio Lower Upper

92 100

91 173.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 1.390 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.23 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

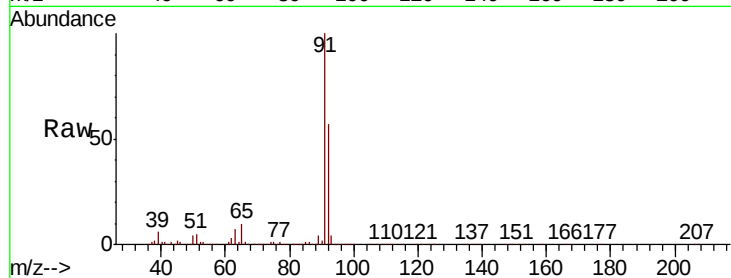
WP022SB454_191227-21-23

Tot Ion: 75 Resp: 5895

Ion Ratio Lower Upper

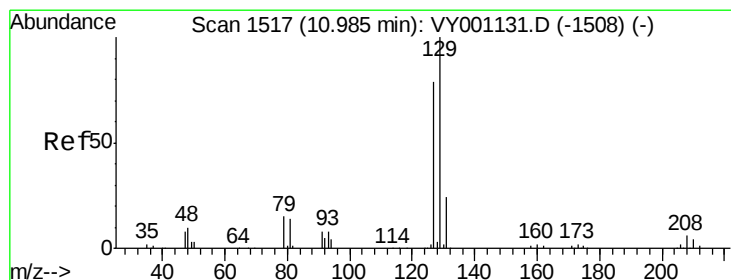
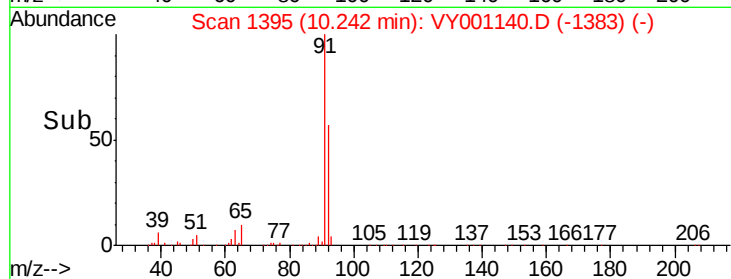
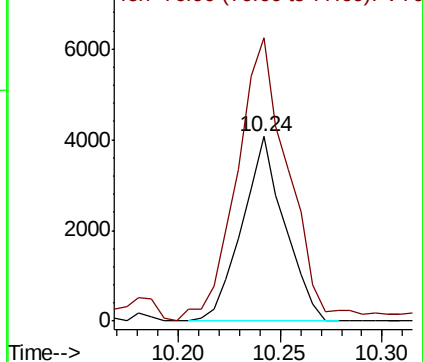
75 100

77 147.5 25.7 38.5#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#60

Dibromochloromethane

Concen: 14.336 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.27 min

Lab File: VY001140.D

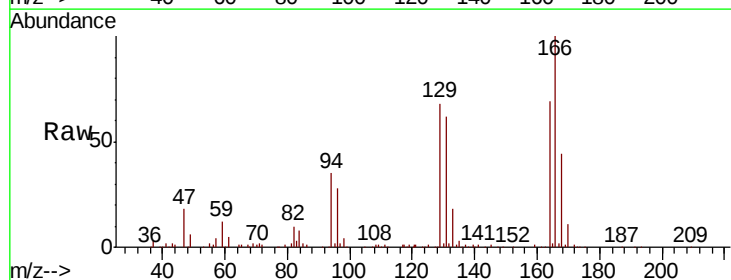
Acq: 02 Jan 2020 17:32

Tgt Ion: 129 Resp: 42816

Ion Ratio Lower Upper

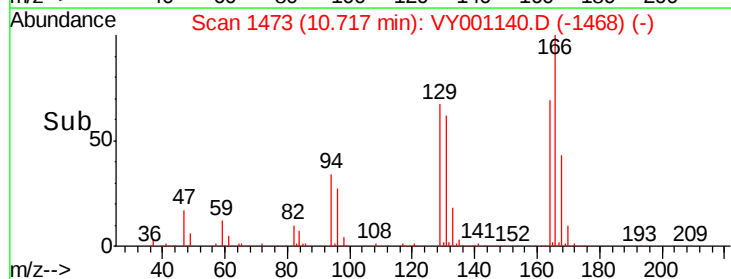
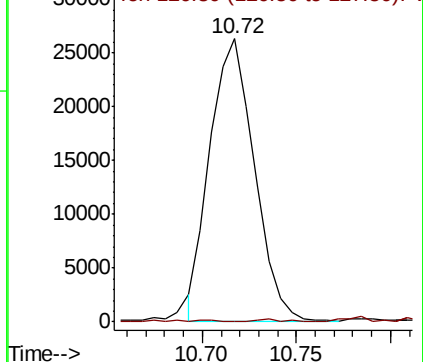
129 100

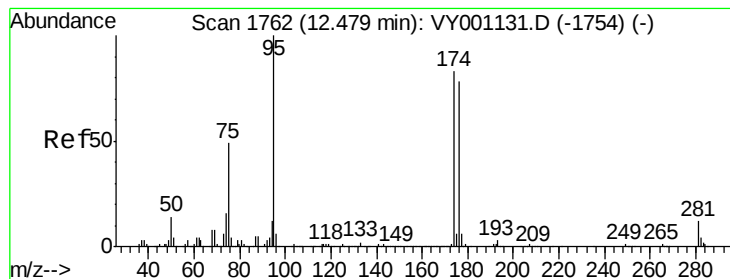
127 0.7 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 47.630 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB454_191227-21-23

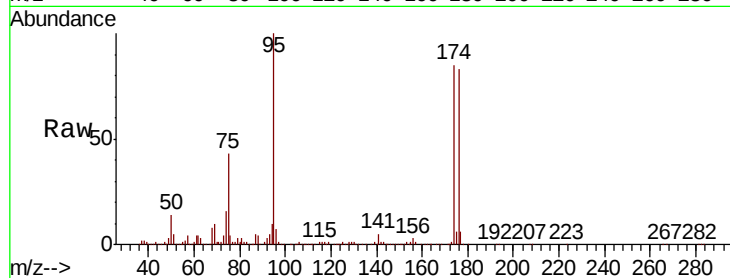
Tot Ion: 95 Resp: 193378

Ion Ratio Lower Upper

95 100

174 85.7 0.0 171.8

176 83.8 0.0 163.6



Abundance Ion 94.90 (94.60 to 95.60): VY001140.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY001140.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY001140.D (-1713) (-)

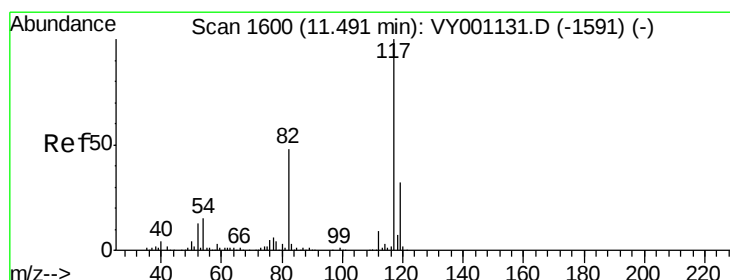
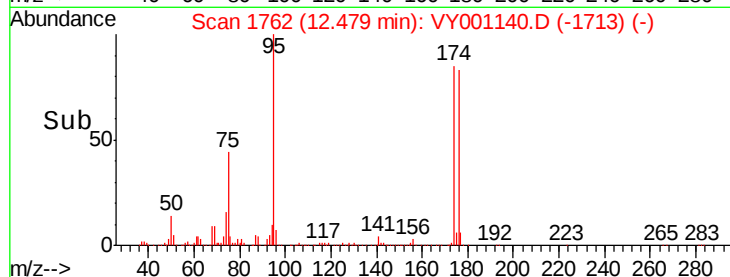
12.48

100000

50000

0

Time--> 12.40 12.45 12.50 12.55



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

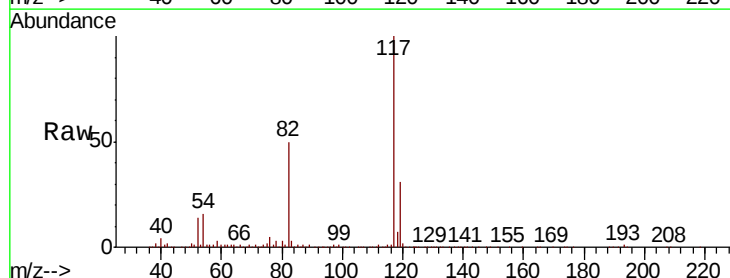
Tgt Ion: 117 Resp: 459899

Ion Ratio Lower Upper

117 100

82 50.2 38.5 57.7

119 30.9 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VY001140.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY001140.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY001140.D (-1551) (-)

11.49

400000

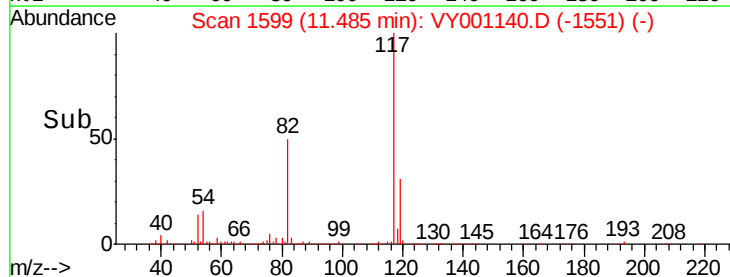
300000

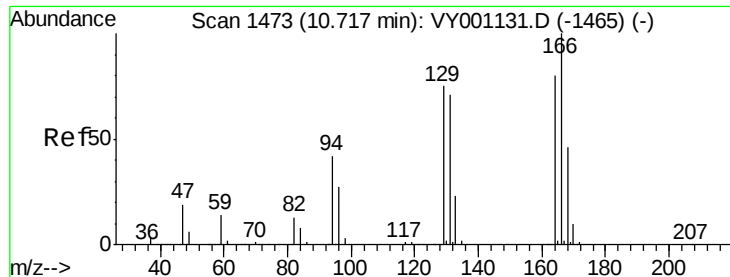
200000

100000

0

Time--> 11.40 11.50 11.60





#64

Tetrachloroethene

Concen: 10.859 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY001140.D

Acq: 02 Jan 2020 17:32

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB454_191227-21-23

Tot Ion:164 Resp: 46859

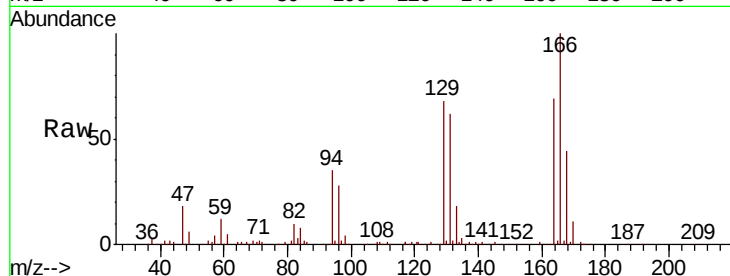
Ion Ratio Lower Upper

164 100

166 144.2 100.6 151.0

129 97.9 75.0 112.4

131 89.9 71.7 107.5

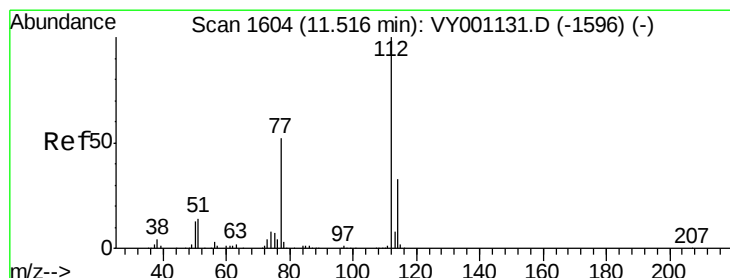
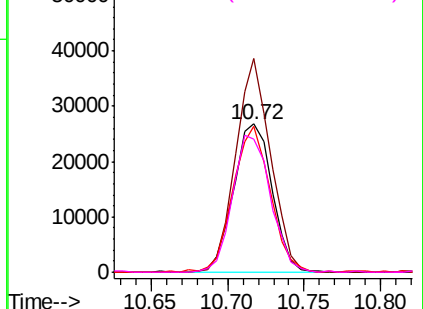
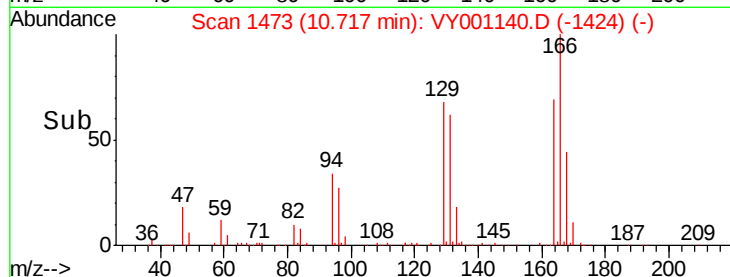


Abundance Ion 163.80 (163.50 to 164.50): V

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



#65

Chlorobenzene

Concen: 9.534 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY001140.D

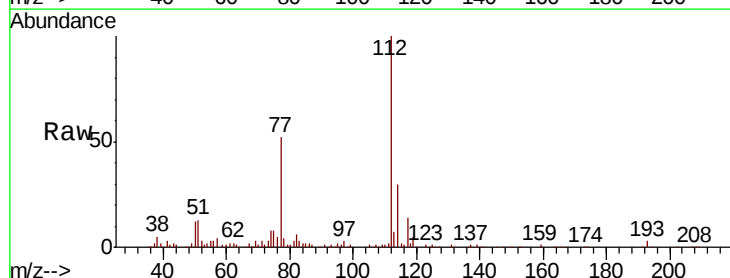
Acq: 02 Jan 2020 17:32

Tgt Ion:112 Resp: 93254

Ion Ratio Lower Upper

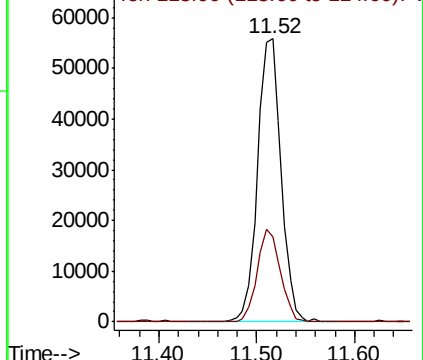
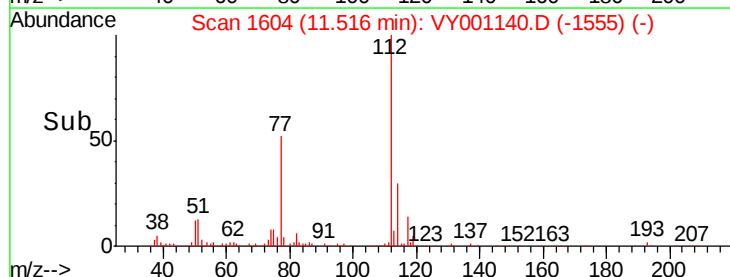
112 100

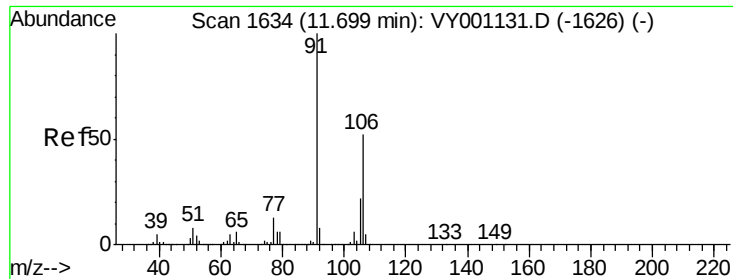
114 29.8 26.5 39.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

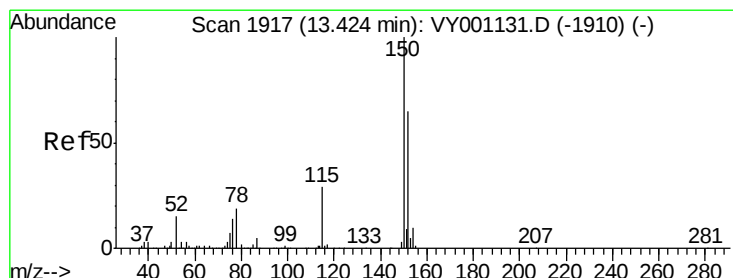
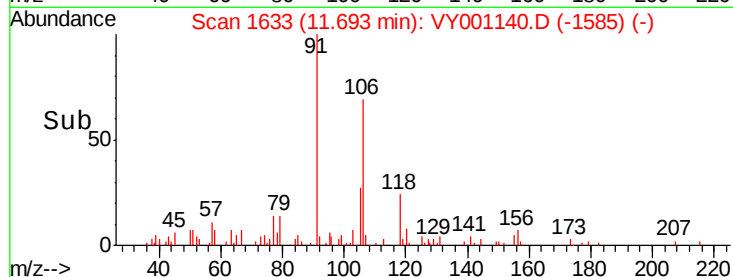
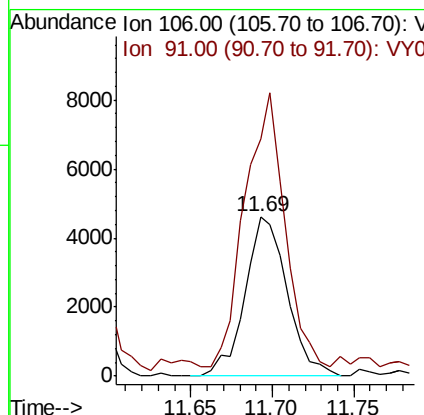
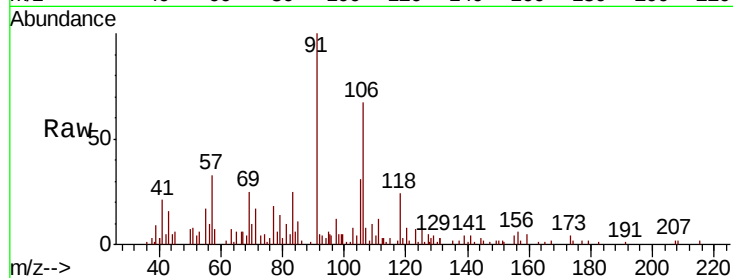




#68
m/p-Xvlenes
Concen: 1.234 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY001140.D
Acq: 02 Jan 2020 17:32

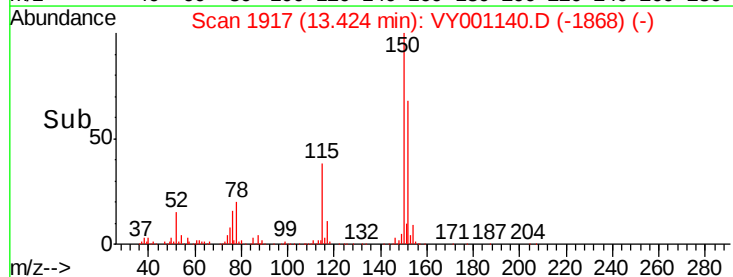
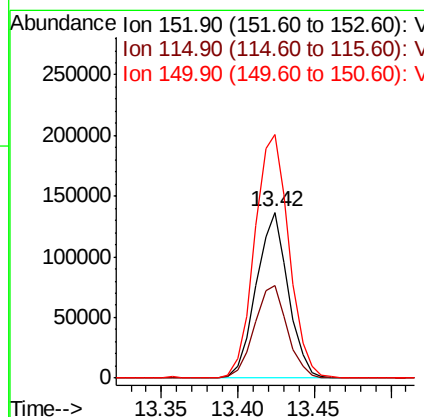
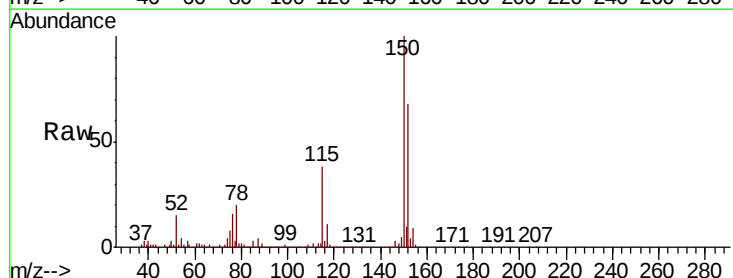
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB454_191227-21-23

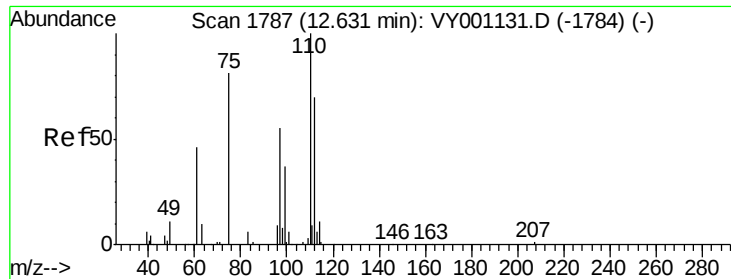
Tot Ion:106 Resp: 8315
Ion Ratio Lower Upper
106 100
91 162.3 154.3 231.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001140.D
Acq: 02 Jan 2020 17:32

Tgt Ion:152 Resp: 199186
Ion Ratio Lower Upper
152 100
115 57.4 27.7 83.0
150 157.6 0.0 342.6

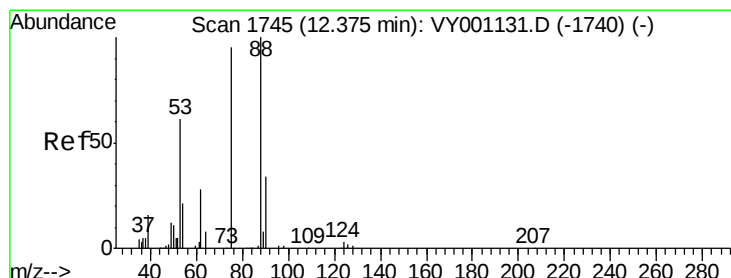
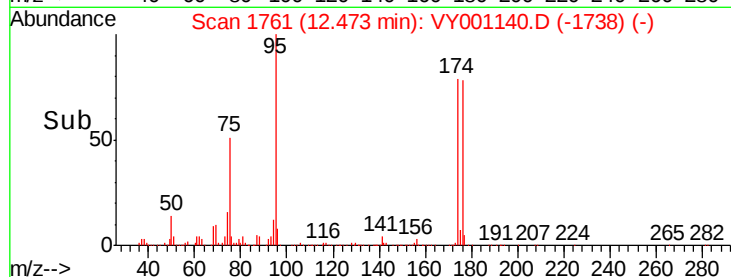
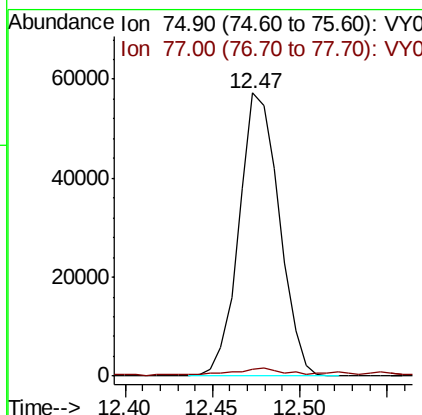
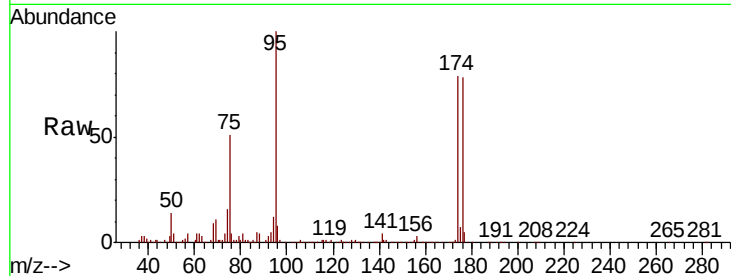




#76
 1,2,3-Trichloropropane
 Concen: 43.404 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. -0.16 min
 Lab File: VY001140.D
 Acq: 02 Jan 2020 17:32

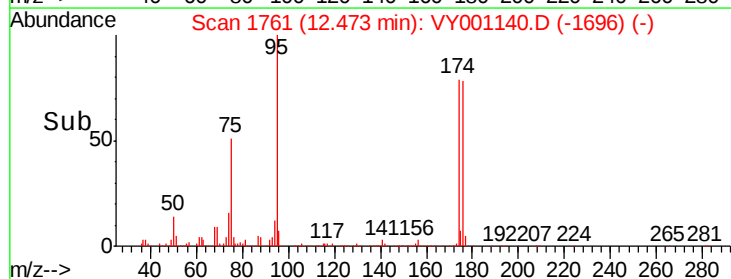
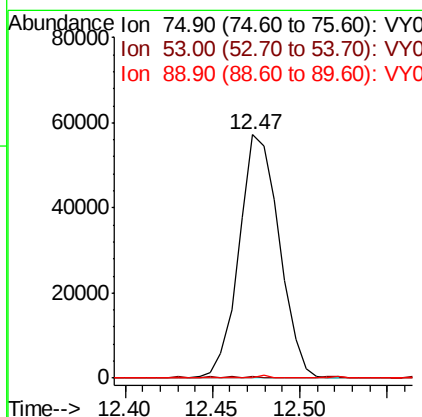
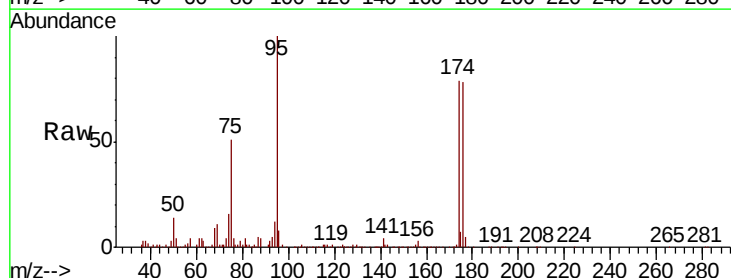
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB454_191227-21-23

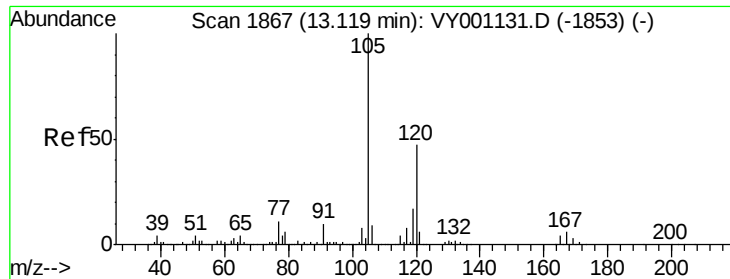
Tot Ion: 75 Resp: 91451
 Ion Ratio Lower Upper
 75 100
 77 3.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.977 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. 0.10 min
 Lab File: VY001140.D
 Acq: 02 Jan 2020 17:32

Tgt Ion: 75 Resp: 91451
 Ion Ratio Lower Upper
 75 100
 53 0.3 55.6 83.4#
 89 0.4 34.7 52.1#

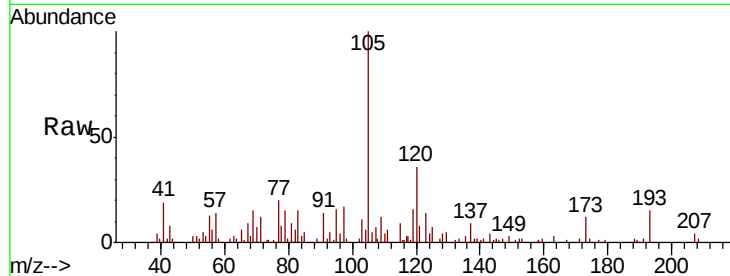




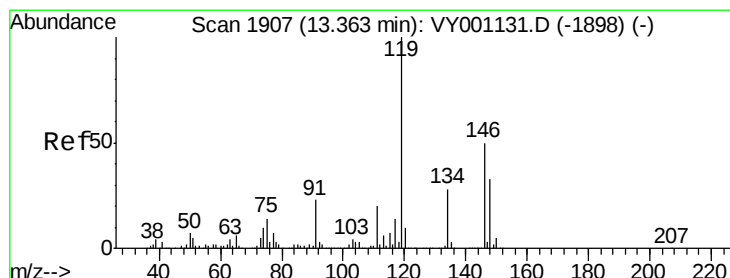
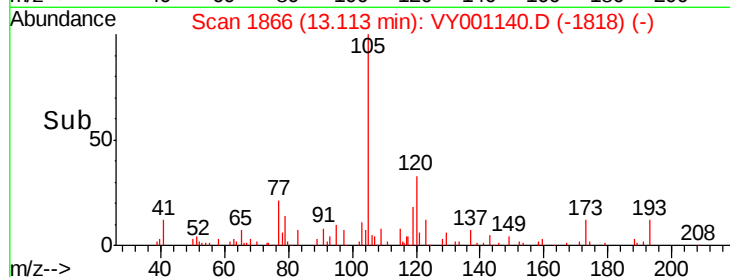
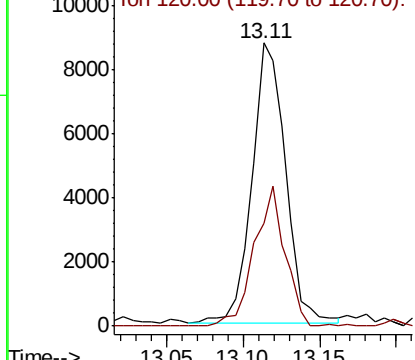
#84
 1,2,4-Trimethylbenzene
 Concen: 1.048 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY001140.D
 Acq: 02 Jan 2020 17:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB454_191227-21-23

Tot Ion:105 Resp: 13328
 Ion Ratio Lower Upper
 105 100
 120 46.2 24.0 72.0

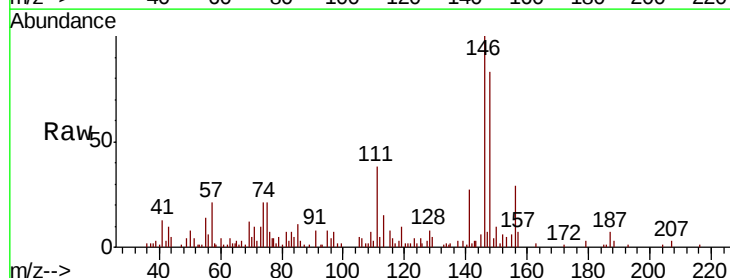


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

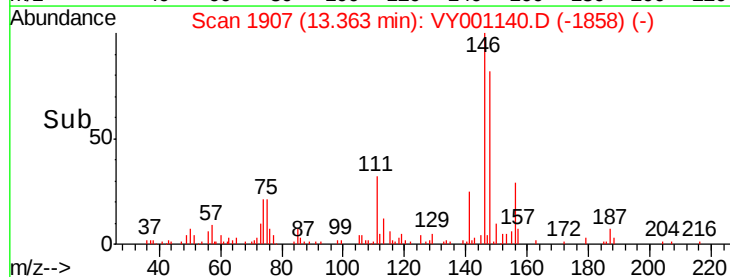
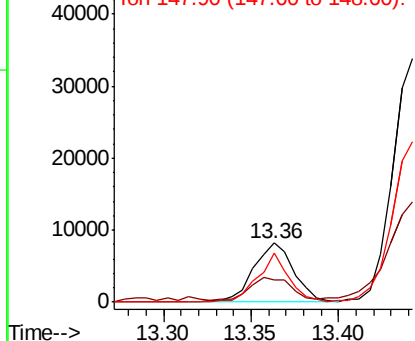


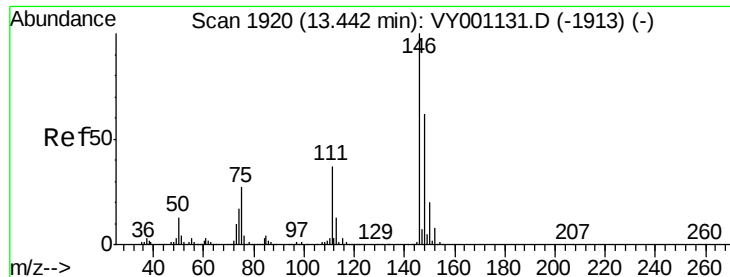
#87
 1,3-Dichlorobenzene
 Concen: 1.918 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001140.D
 Acq: 02 Jan 2020 17:32

Tgt Ion:146 Resp: 13034
 Ion Ratio Lower Upper
 146 100
 111 42.0 19.5 58.5
 148 65.5 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

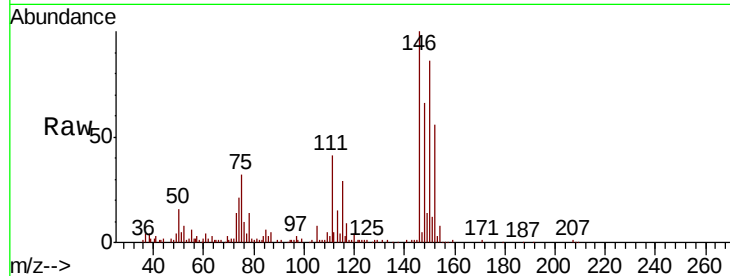




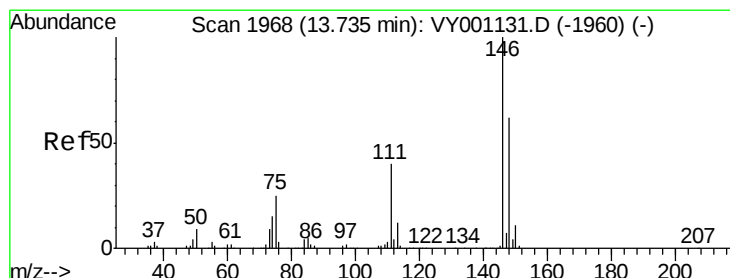
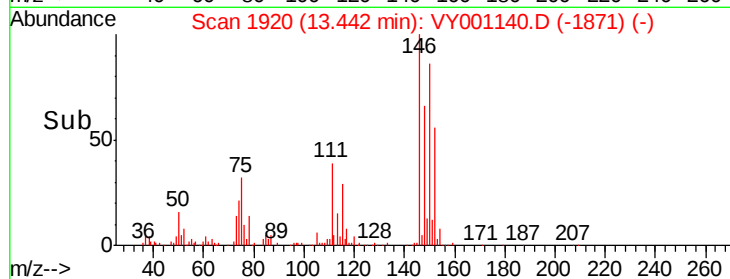
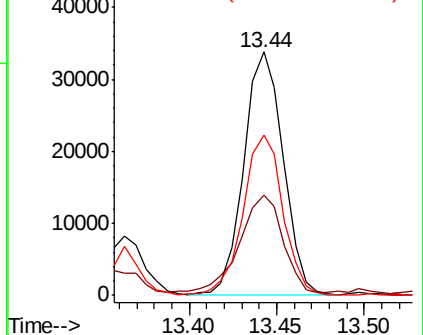
#88
 1,4-Dichlorobenzene
 Concen: 7.741 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001140.D
 Acq: 02 Jan 2020 17:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB454_191227-21-23

Tot Ion:146 Resp: 52972
 Ion Ratio Lower Upper
 146 100
 111 43.2 19.1 57.3
 148 66.7 32.0 96.0

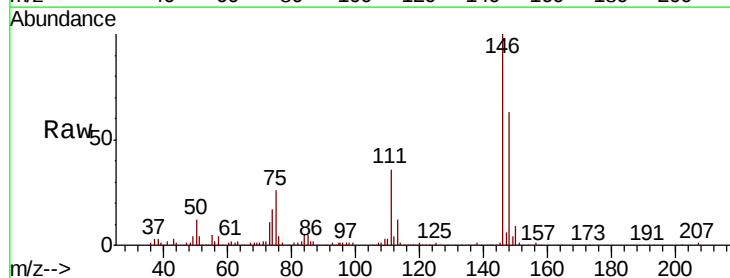


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

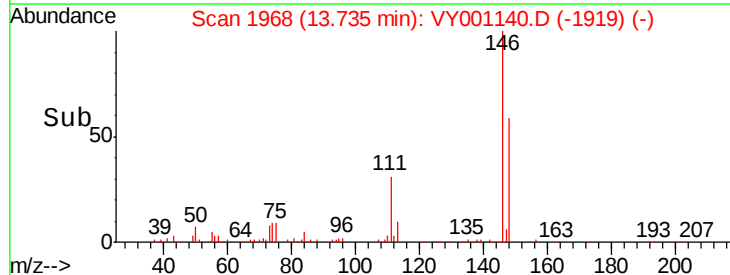
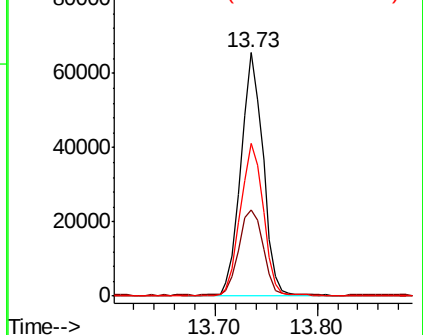


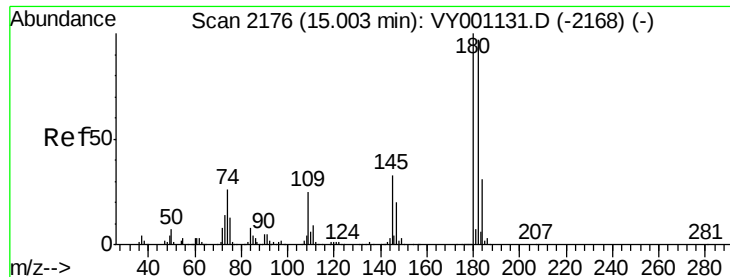
#91
 1,2-Dichlorobenzene
 Concen: 15.915 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001140.D
 Acq: 02 Jan 2020 17:32

Tgt Ion:146 Resp: 99208
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.1 60.3
 148 64.8 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

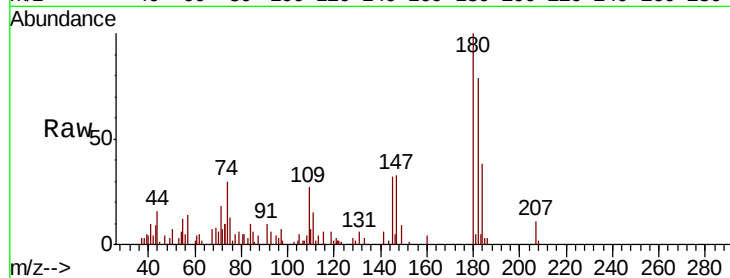




#93
 1,2,4-Trichlorobenzene
 Concen: 1.674 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001140.D
 Acq: 02 Jan 2020 17:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB454_191227-21-23

Tot Ion	Ratio	Lower	Upper
180	100		
182	78.6	48.6	145.8
145	49.4	16.1	48.3#

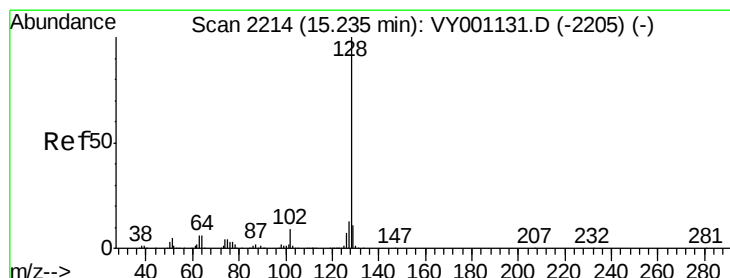
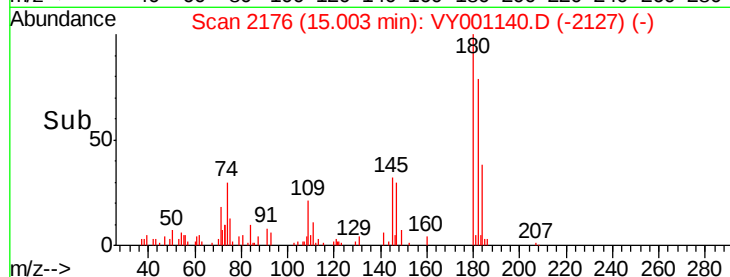
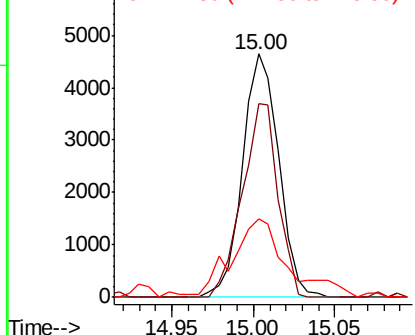


Abundance

Ion 179.80 (179.50 to 180.50): V

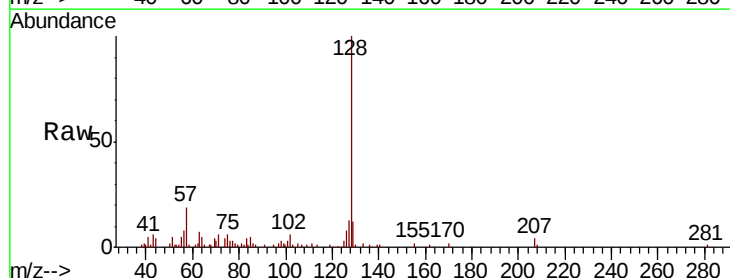
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 2.779 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VY001140.D
 Acq: 02 Jan 2020 17:32

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.1	15.1#
129	12.7	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

