

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002192.D
 Acq On : 02 Apr 2020 15:15
 Operator : SY/MD
 Sample : L2135-05MS
 Misc : 7.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:15:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	100360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	188248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	171451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	81350	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	56927	51.31	ug/l	0.00
Spiked Amount						
			Recovery	=	102.62%	
35) Dibromofluoromethane	7.74	113	52992	50.24	ug/l	0.00
Spiked Amount						
			Recovery	=	100.48%	
50) Toluene-d8	10.19	98	218058	49.76	ug/l	0.00
Spiked Amount						
			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.49	95	77557	50.61	ug/l	0.00
Spiked Amount						
			Recovery	=	101.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	31064	47.854	ug/l	98
3) Chloromethane	2.12	50	53444	45.568	ug/l	99
4) Vinyl Chloride	2.26	62	57632	48.316	ug/l	98
5) Bromomethane	2.66	94	40590	52.143	ug/l	98
6) Chloroethane	2.80	64	38849	50.722	ug/l	95
7) Trichlorofluoromethane	3.14	101	78032	47.738	ug/l	96
8) Diethyl Ether	3.54	74	33484	48.364	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	51797	48.298	ug/l	99
10) Methyl Iodide	4.10	142	57799	45.324	ug/l	99
11) Tert butyl alcohol	4.97	59	26861	205.450	ug/l	97
12) 1,1-Dichloroethene	3.89	96	53088	48.750	ug/l	100
13) Acrolein	3.74	56	42681	261.193	ug/l	100
14) Allyl chloride	4.50	41	99202	49.761	ug/l	99
15) Acrylonitrile	5.19	53	91059	250.935	ug/l	99
16) Acetone	3.96	43	72467	232.490	ug/l	100
17) Carbon Disulfide	4.21	76	170470	47.170	ug/l	99
18) Methyl Acetate	4.50	43	42710	52.768	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	154630	50.900	ug/l	99
20) Methylene Chloride	4.74	84	65378	50.737	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	62394	50.321	ug/l	93
22) Diisopropyl ether	6.14	45	210013	51.476	ug/l	97
23) Vinyl Acetate	6.08	43	661311	247.193	ug/l	99
24) 1,1-Dichloroethane	6.04	63	109284	50.380	ug/l	98
25) 2-Butanone	7.00	43	118679	247.963	ug/l	100
26) 2,2-Dichloropropane	7.00	77	88170	49.352	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	69658	51.066	ug/l	99
28) Bromochloromethane	7.35	49	55497	56.040	ug/l	99
29) Tetrahydrofuran	7.36	42	80155	255.435	ug/l	99
30) Chloroform	7.53	83	103125	50.156	ug/l	95
31) Cyclohexane	7.80	56	110817	47.943	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	87557	51.003	ug/l	99
36) 1,1-Dichloropropene	7.93	75	85649	48.102	ug/l	99
37) Ethyl Acetate	7.10	43	51707	48.055	ug/l	99
38) Carbon Tetrachloride	7.92	117	73781	48.840	ug/l	96

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

39) Methylcyclohexane	9.19	83	111879	47.902	ug/l	98
40) Benzene	8.18	78	260380	49.368	ug/l	98
41) Methacrylonitrile	7.36	41	70484	129.502	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	67965	48.537	ug/l	99
43) Isopropyl Acetate	8.28	43	98443	49.293	ug/l	100
44) Trichloroethene	8.95	130	62706	49.322	ug/l	92
45) 1,2-Dichloropropane	9.23	63	66453	49.483	ug/l	96
46) Dibromomethane	9.32	93	34841	50.518	ug/l	99
47) Bromodichloromethane	9.51	83	79936	49.788	ug/l	96
48) Methyl methacrylate	9.30	41	44161	49.344	ug/l	98
49) 1,4-Dioxane	9.31	88	10012	1057.896	ug/l	89
51) 4-Methyl-2-Pentanone	10.08	43	260065	252.896	ug/l	99
52) Toluene	10.25	92	158639	49.730	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	89750	50.364	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	104979	50.035	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	51025	49.988	ug/l	97
56) Ethyl methacrylate	10.52	69	74871	50.219	ug/l	98
57) 1,3-Dichloropropane	10.80	76	90943	50.427	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	212854	277.848	ug/l	100
59) 2-Hexanone	10.84	43	186375	257.287	ug/l	99
60) Dibromochloromethane	10.99	129	53972	50.529	ug/l	99
61) 1,2-Dibromoethane	11.10	107	48465	50.727	ug/l	97
64) Tetrachloroethene	10.73	164	54831	52.271	ug/l	97
65) Chlorobenzene	11.52	112	164089	49.581	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	56085	50.654	ug/l	98
67) Ethyl Benzene	11.60	91	305749	49.742	ug/l	99
68) m/p-Xylenes	11.71	106	228379	100.489	ug/l	97
69) o-Xylene	12.03	106	107414	49.824	ug/l	99
70) Styrene	12.05	104	188369	50.424	ug/l	99
71) Bromoform	12.22	173	30573	50.415	ug/l #	99
73) Isopropylbenzene	12.33	105	290653	48.164	ug/l	100
74) N-amyl acetate	12.15	43	90321	47.456	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	62281	47.962	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	82045	90.162	ug/l #	100
77) Bromobenzene	12.61	156	63004	48.908	ug/l	97
78) n-propylbenzene	12.67	91	358777	47.909	ug/l	99
79) 2-Chlorotoluene	12.76	91	197675	48.075	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	239575	48.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	22088	47.026	ug/l	95
82) 4-Chlorotoluene	12.86	91	205287	47.379	ug/l	99
83) tert-Butylbenzene	13.08	119	202874	48.817	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	242166	48.750	ug/l	98
85) sec-Butylbenzene	13.26	105	301243	48.939	ug/l	99
86) p-Isopropyltoluene	13.38	119	261015	49.379	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	120645	47.873	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	121345	47.850	ug/l	99
89) n-Butylbenzene	13.70	91	265605	48.225	ug/l	100
90) Hexachloroethane	13.97	117	48429	48.621	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	112645	48.402	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9841	47.311	ug/l	98

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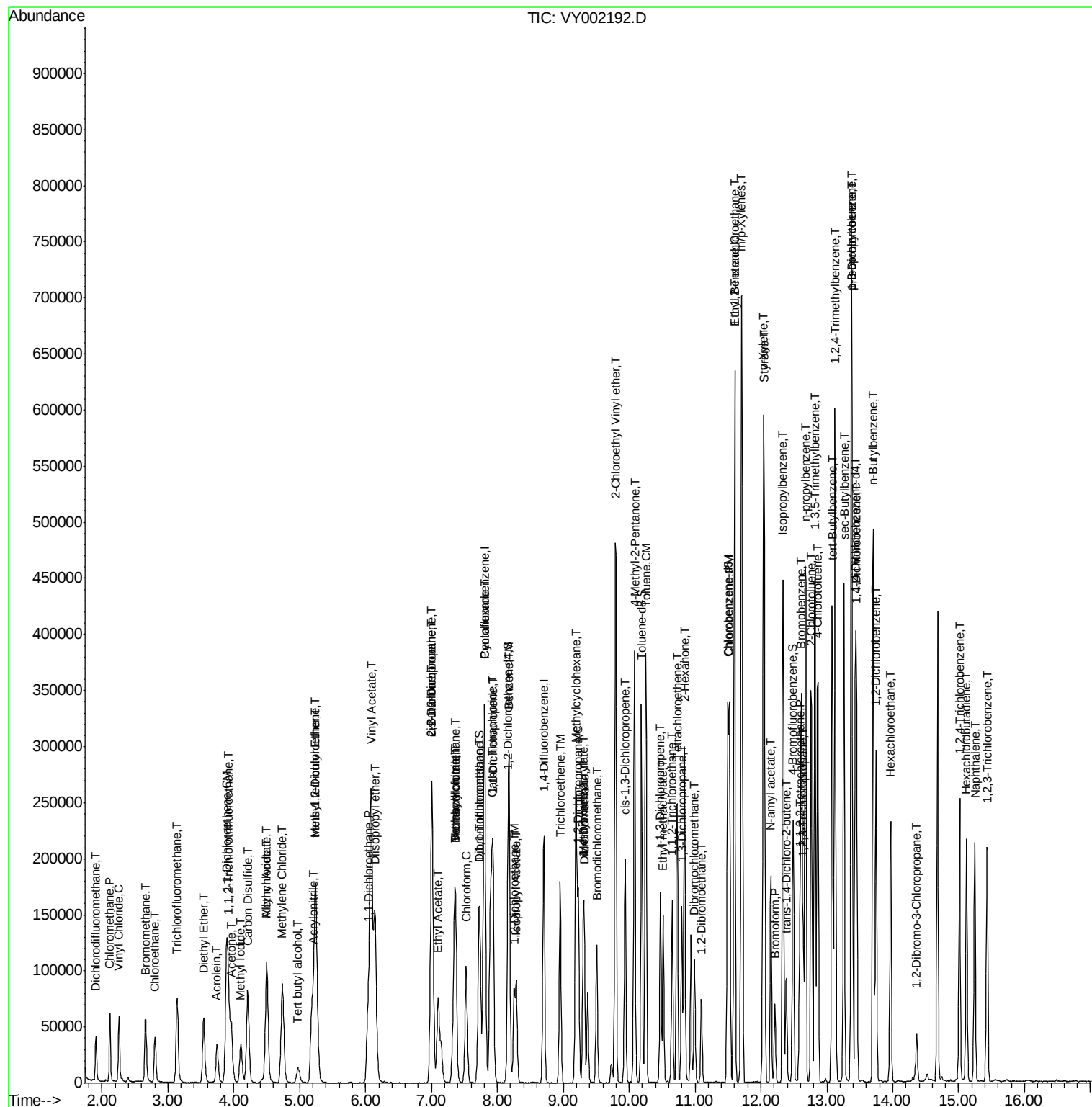
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	72779	48.518	ug/l	97
94) Hexachlorobutadiene	15.12	225	35094	47.396	ug/l	99
95) Naphthalene	15.25	128	172779	48.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	64121	47.138	ug/l	98

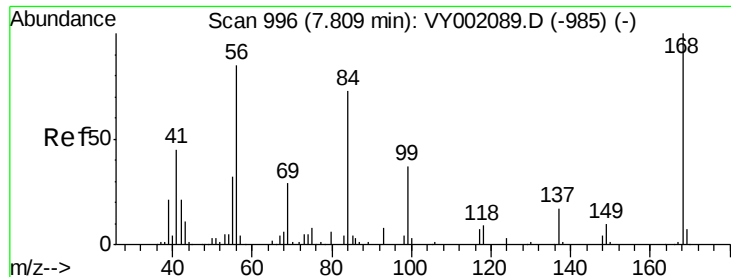
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

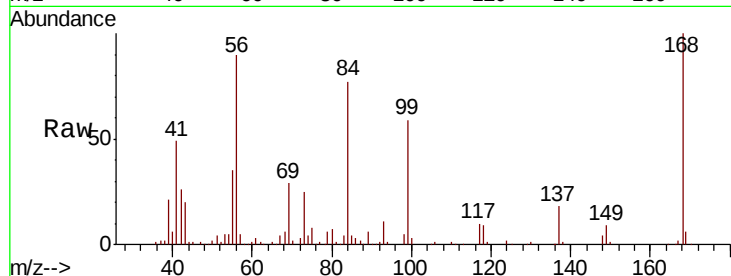
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 100360

Ion Ratio Lower Upper

168 100

99 58.7 47.6 71.4

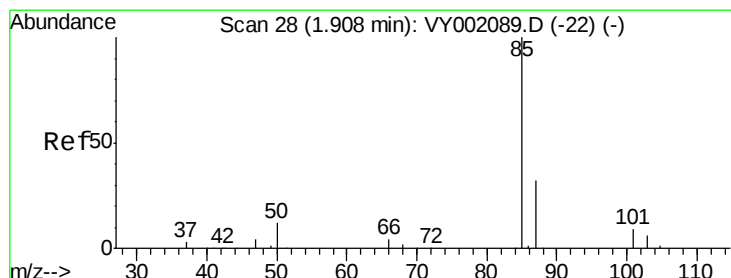
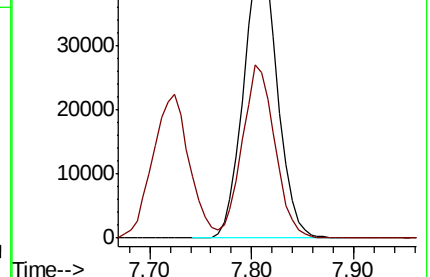
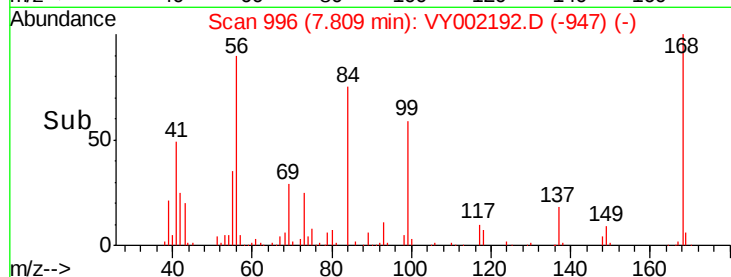


Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

7.81

Time-->



#2

Dichlorodifluoromethane

Concen: 47.854 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002192.D

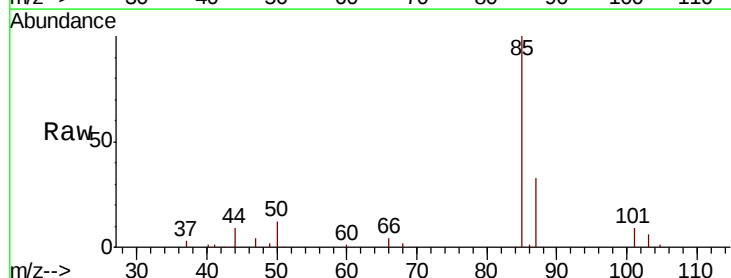
Acq: 02 Apr 2020 15:15

Tgt Ion: 85 Resp: 31064

Ion Ratio Lower Upper

85 100

87 33.1 16.0 48.0

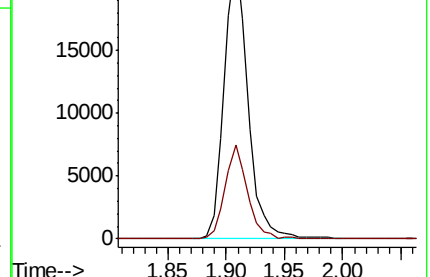
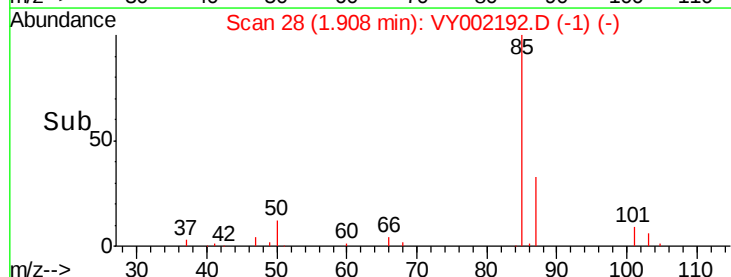


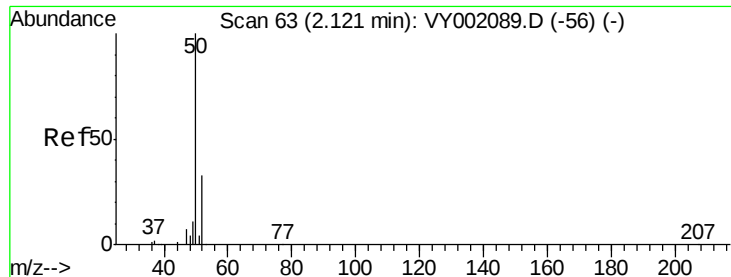
Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002089.D (-22) (-)

1.91

Time-->





#3

Chloromethane

Concen: 45.568 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

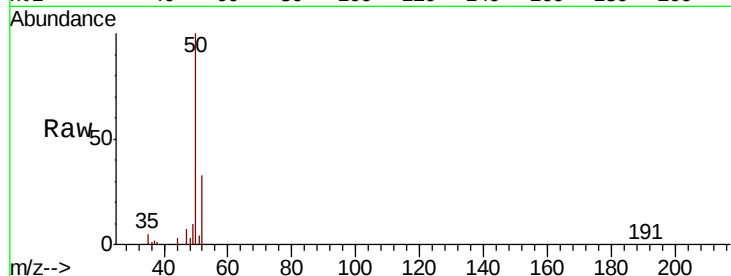
ClientSampleId :

Tot Ion: 50 Resp: 53444

Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VY002192.D (-56) (-)

Ion 51.90 (51.60 to 52.60): VY002192.D (-56) (-)

2.12

40000

30000

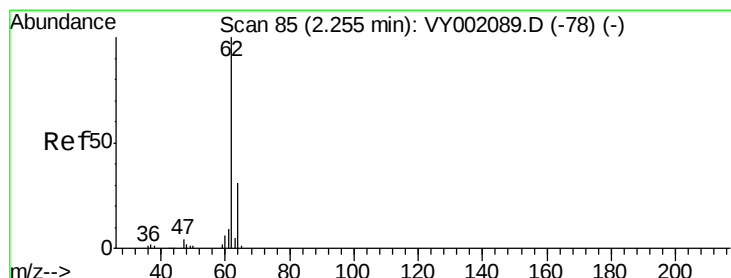
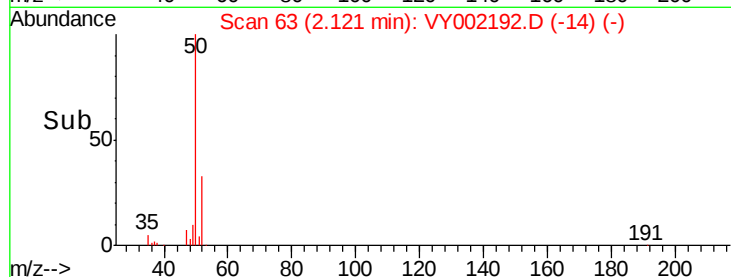
20000

10000

0

Time-->

2.05 2.10 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 48.316 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002192.D

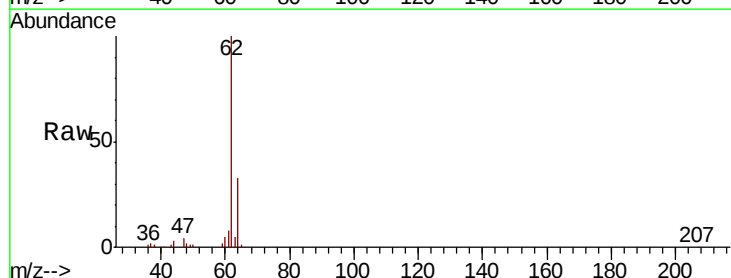
Acq: 02 Apr 2020 15:15

Tgt Ion: 62 Resp: 57632

Ion Ratio Lower Upper

62 100

64 32.5 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY002192.D (-78) (-)

Ion 63.90 (63.60 to 64.60): VY002192.D (-78) (-)

2.26

40000

30000

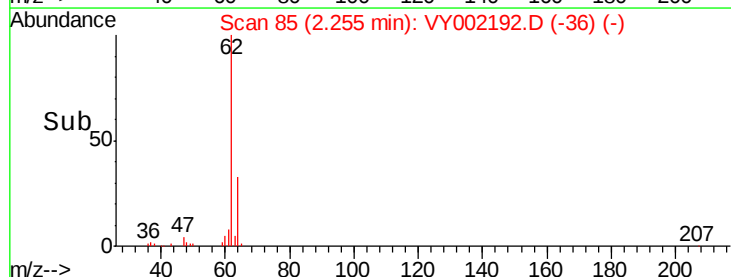
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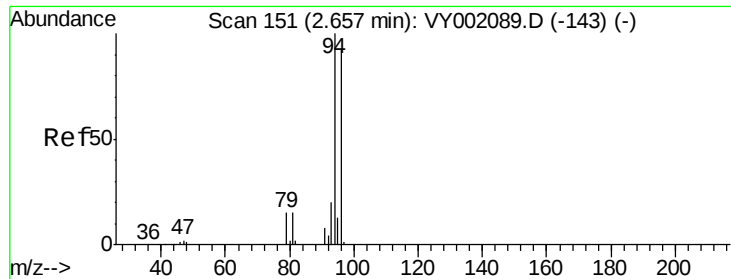
10000

0

Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 52.143 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

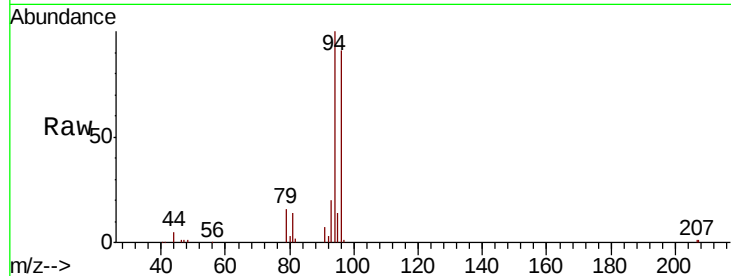
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 40590

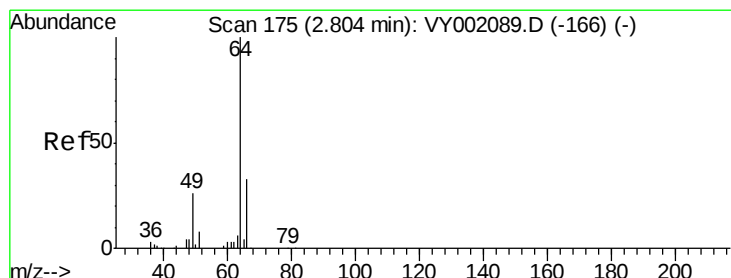
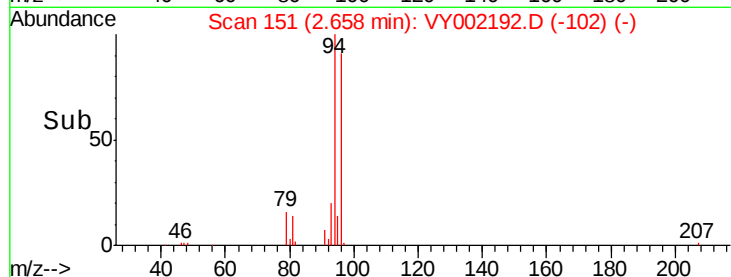
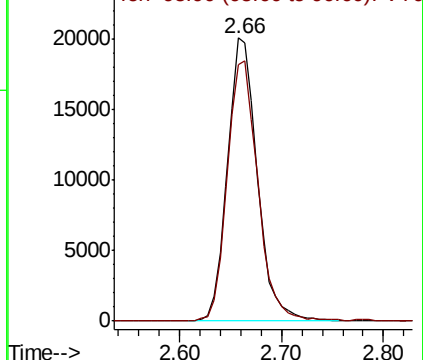
Ion Ratio Lower Upper

94 100

96 90.7 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 50.722 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002192.D

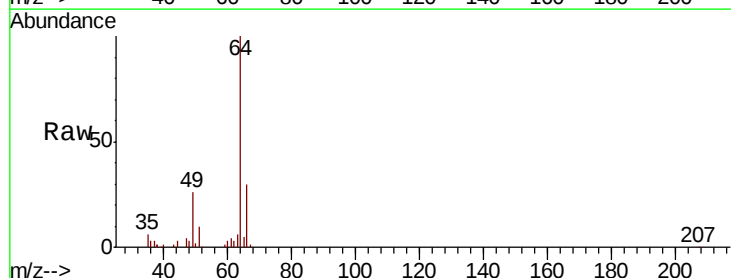
Acq: 02 Apr 2020 15:15

Tgt Ion: 64 Resp: 38849

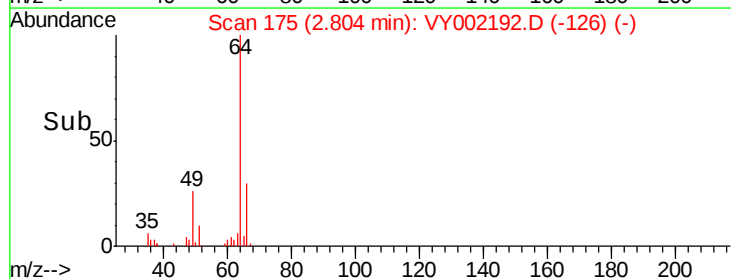
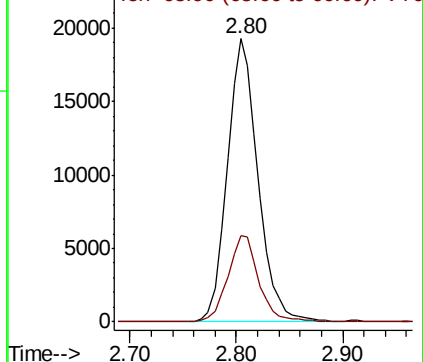
Ion Ratio Lower Upper

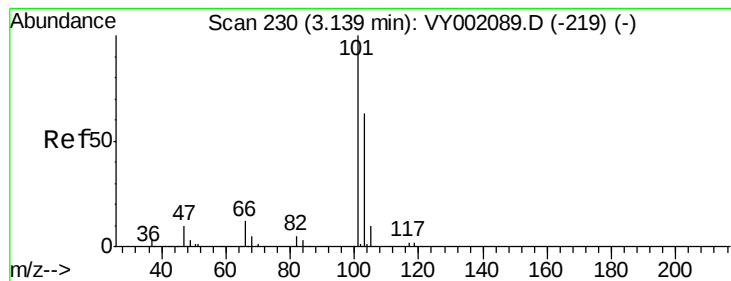
64 100

66 30.4 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



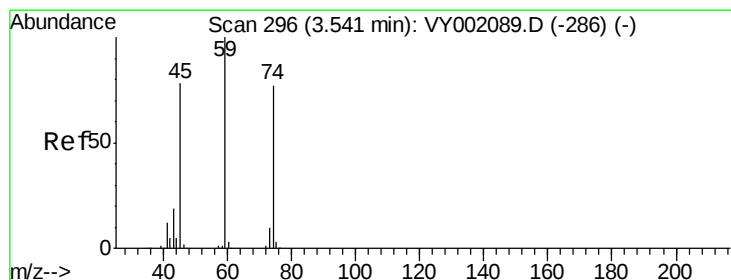
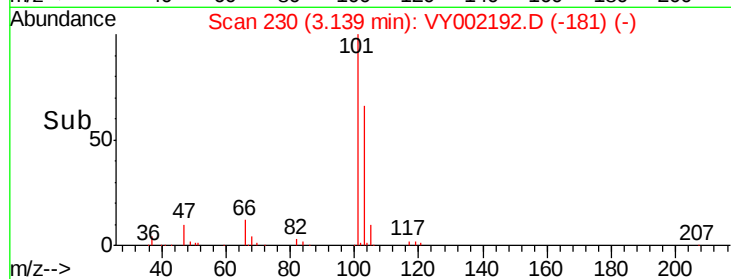
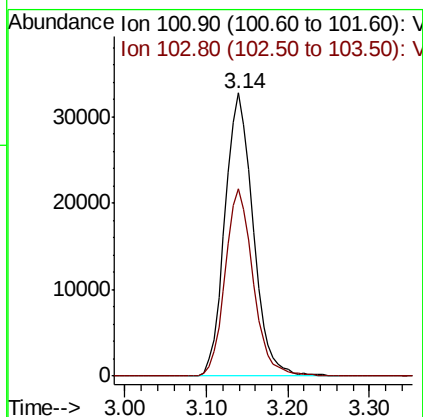
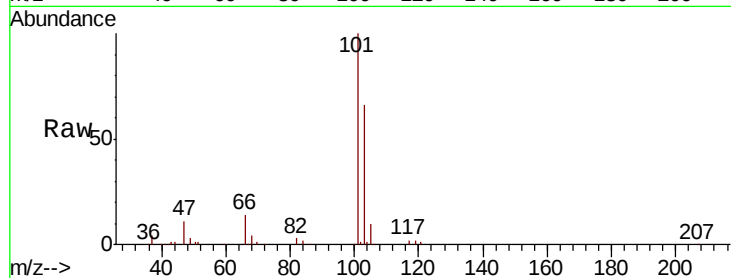


#7

Trichlorofluoromethane
 Concen: 47.738 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002192.D
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Instrument :
 MSVOA_Y
 ClientSampleId :

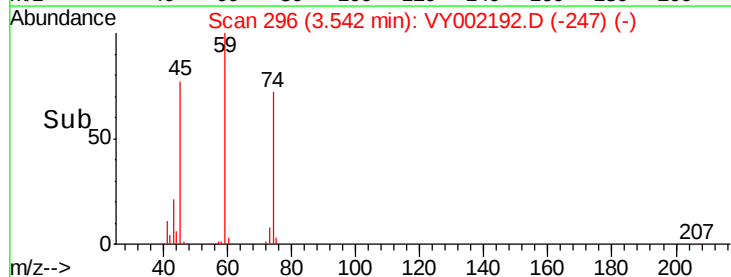
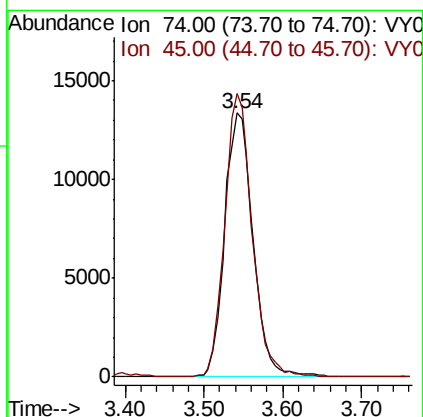
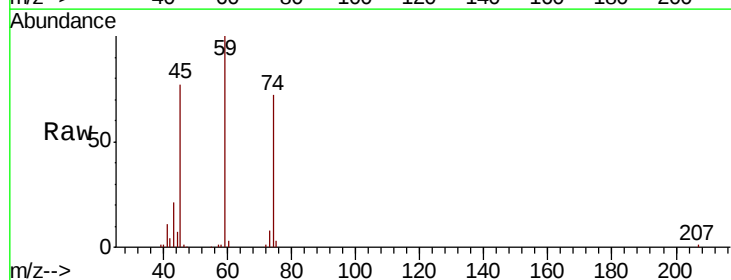
Tot Ion:101 Resp: 78032
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.6 76.0

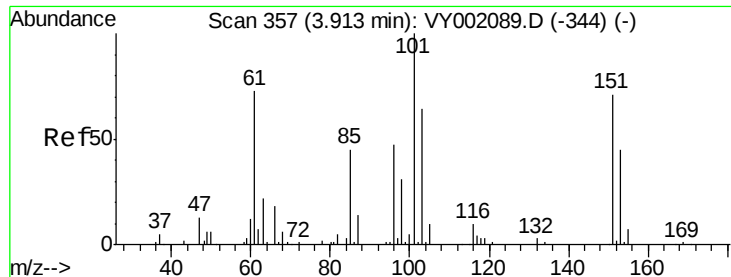


#8

Diethyl Ether
 Concen: 48.364 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion: 74 Resp: 33484
 Ion Ratio Lower Upper
 74 100
 45 103.4 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.298 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

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ClientSampleId :

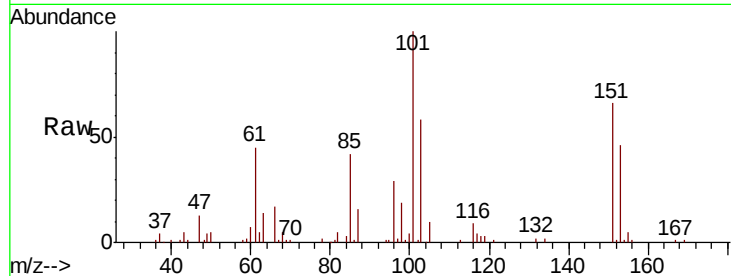
Tot Ion:101 Resp: 51797

Ion Ratio Lower Upper

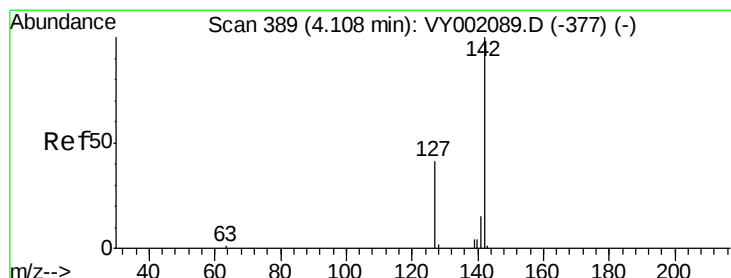
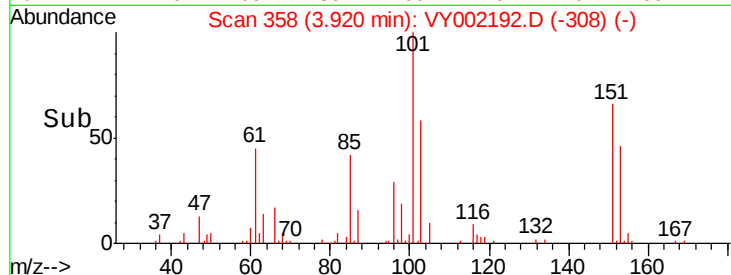
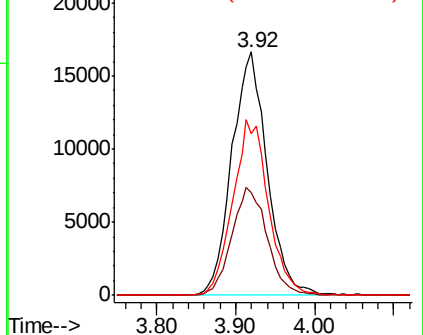
101 100

85 44.4 35.9 53.9

151 72.5 57.5 86.3



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: 45.324 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

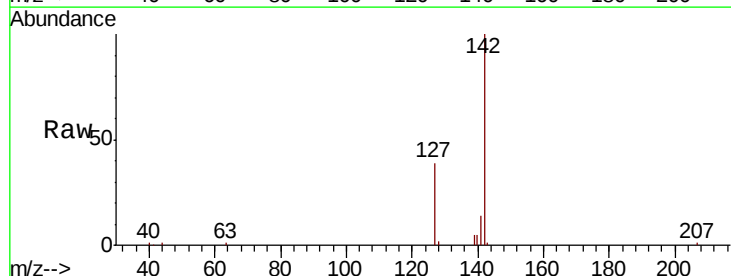
Tgt Ion:142 Resp: 57799

Ion Ratio Lower Upper

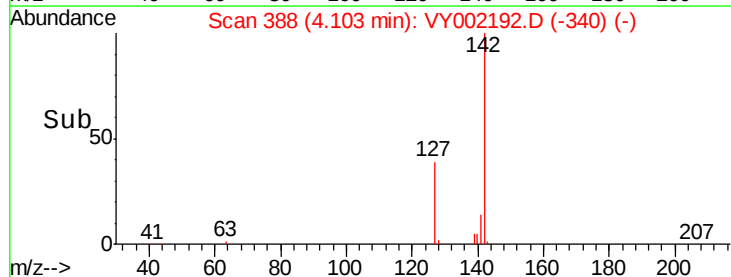
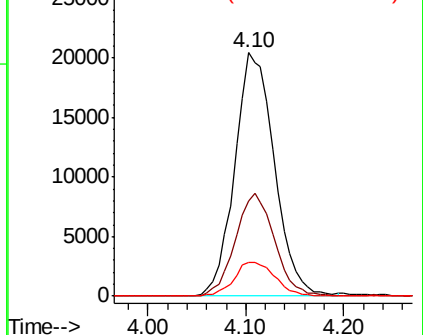
142 100

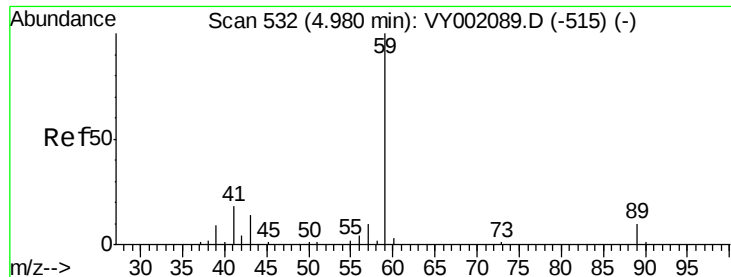
127 41.5 32.6 49.0

141 14.4 11.4 17.0



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

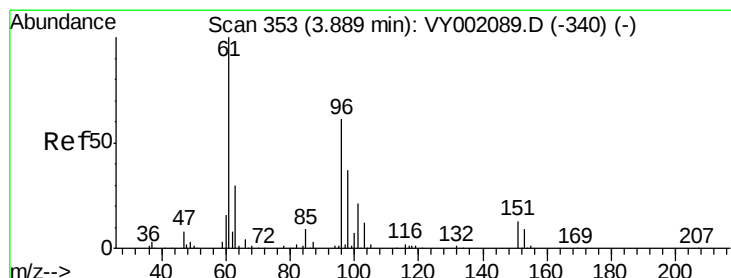
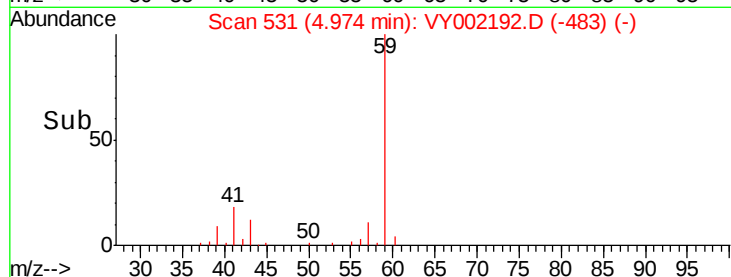
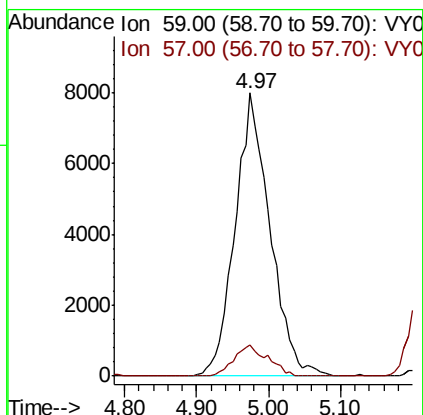
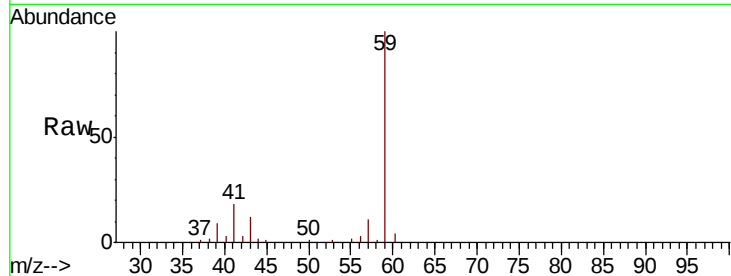




#11
Tert butyl alcohol
Concen: 205.450 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.01 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

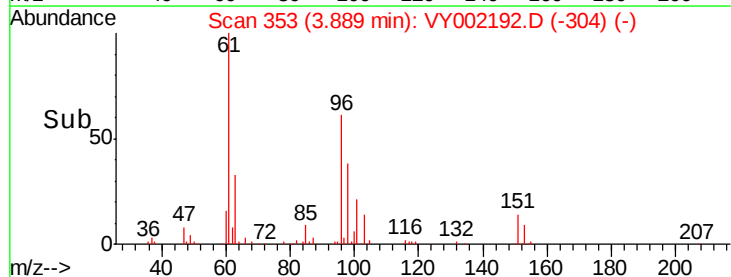
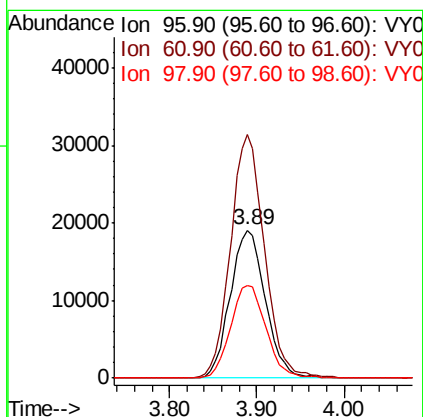
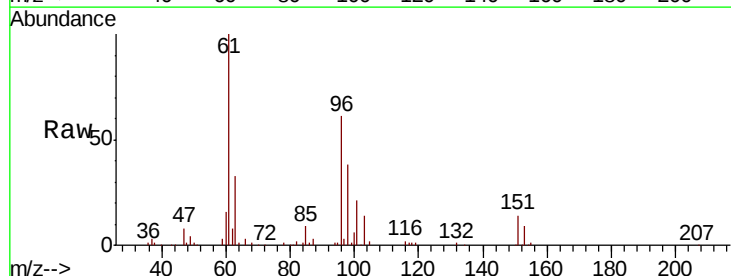
Instrument :
MSVOA_Y
ClientSampleId :

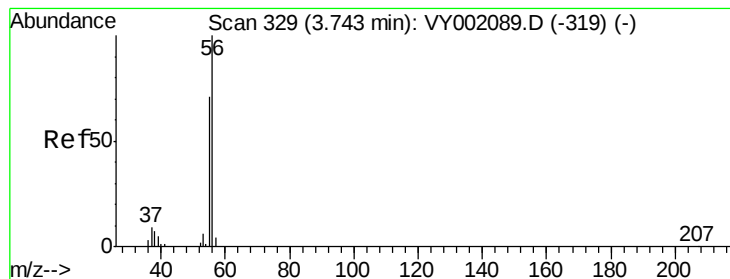
Tot Ion: 59 Resp: 26861
Ion Ratio Lower Upper
59 100
57 10.6 7.7 11.5



#12
1,1-Dichloroethene
Concen: 48.750 ug/l
RT: 3.89 min Scan# 353
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion: 96 Resp: 53088
Ion Ratio Lower Upper
96 100
61 164.5 132.0 198.0
98 62.3 49.4 74.0





#13

Acrolein

Concen: 261.193 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

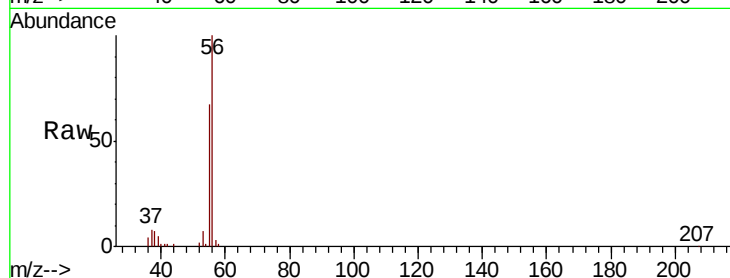
ClientSampleId :

Tot Ion: 56 Resp: 42681

Ion Ratio Lower Upper

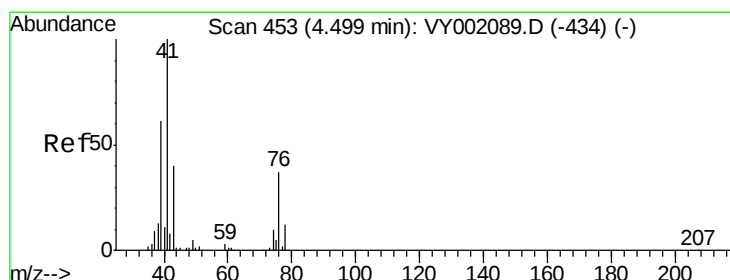
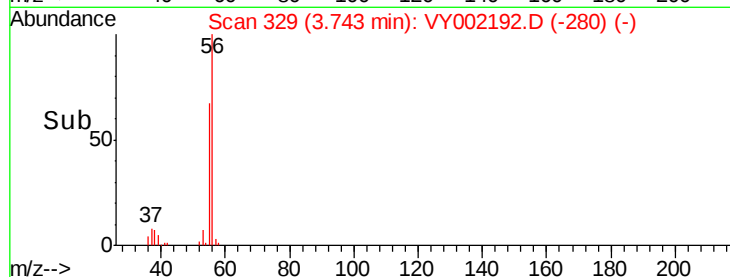
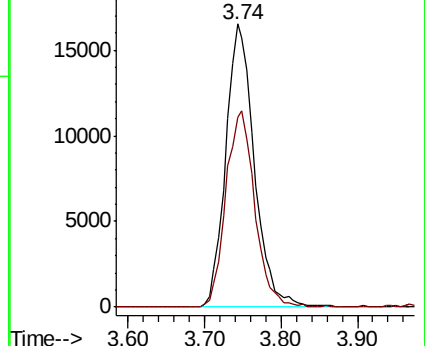
56 100

55 70.2 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 49.761 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

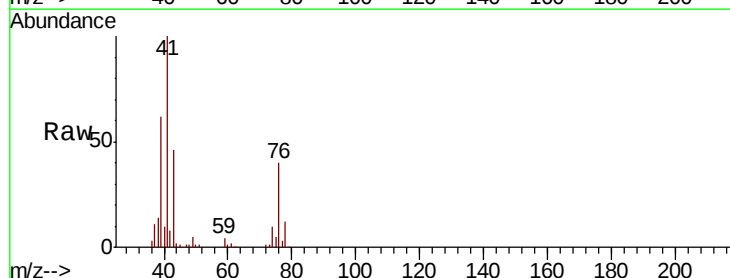
Tgt Ion: 41 Resp: 99202

Ion Ratio Lower Upper

41 100

39 60.5 49.0 73.4

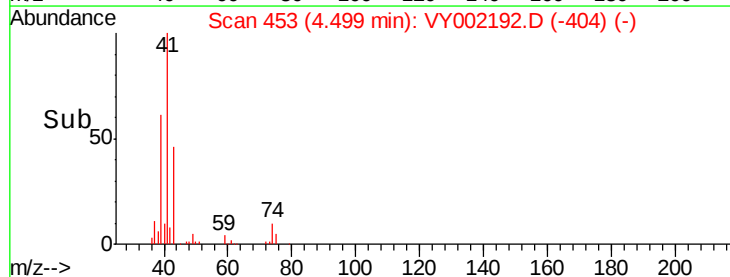
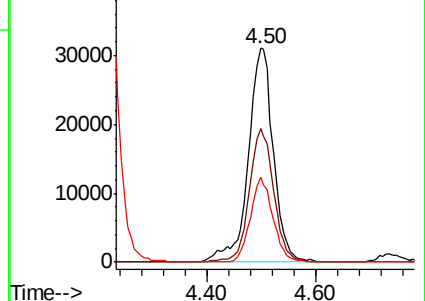
76 35.4 27.8 41.8

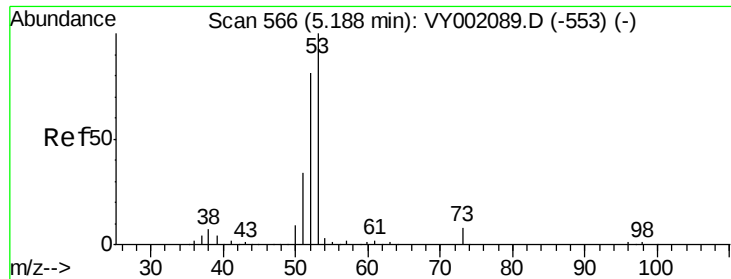


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 250.935 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

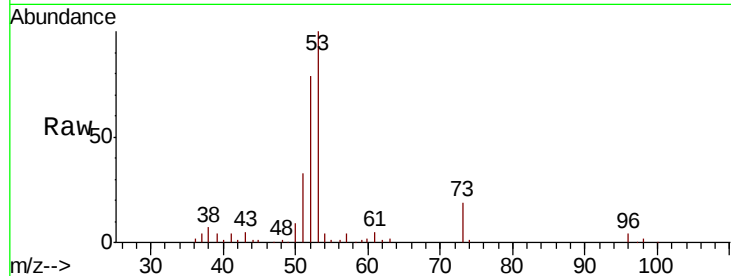
Tot Ion: 53 Resp: 91059

Ion Ratio Lower Upper

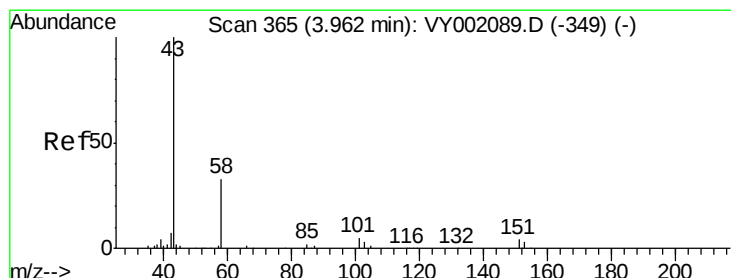
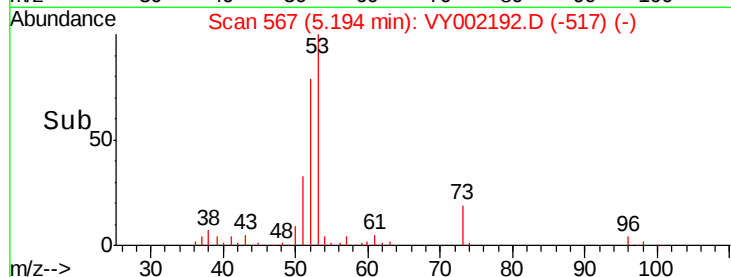
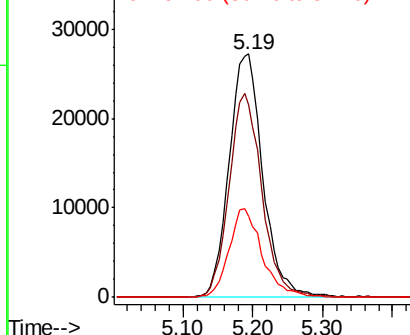
53 100

52 81.5 64.6 97.0

51 36.0 27.9 41.9



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: 232.490 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002192.D

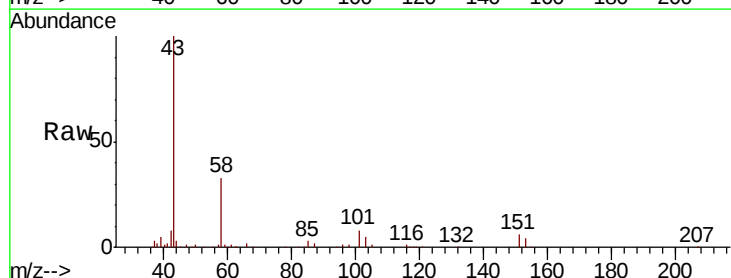
Acq: 02 Apr 2020 15:15

Tgt Ion: 43 Resp: 72467

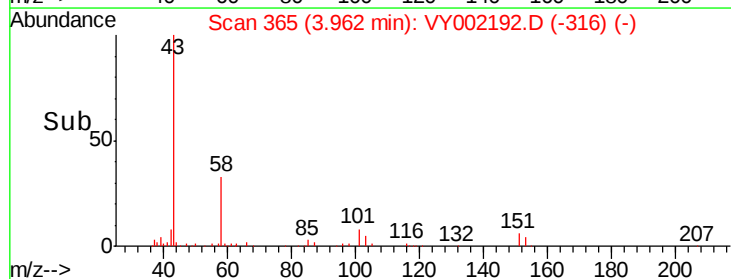
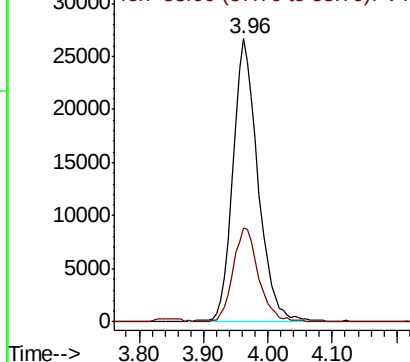
Ion Ratio Lower Upper

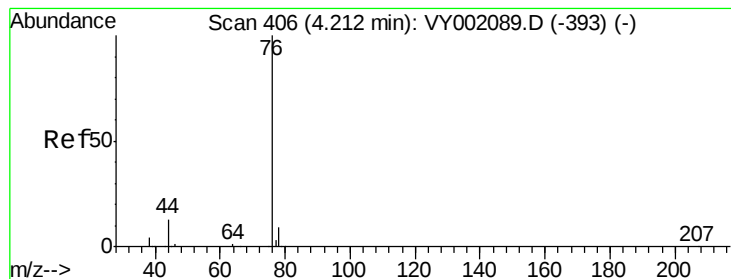
43 100

58 32.8 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 47.170 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

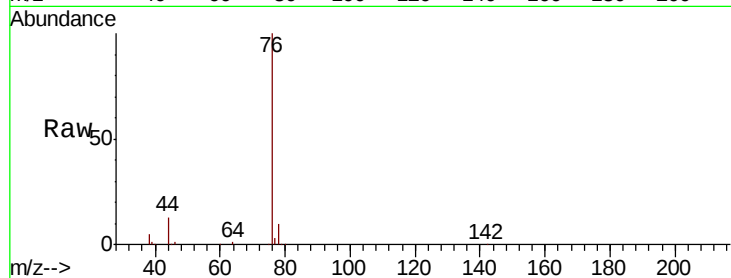
ClientSampleId :

Tot Ion: 76 Resp: 170470

Ion Ratio Lower Upper

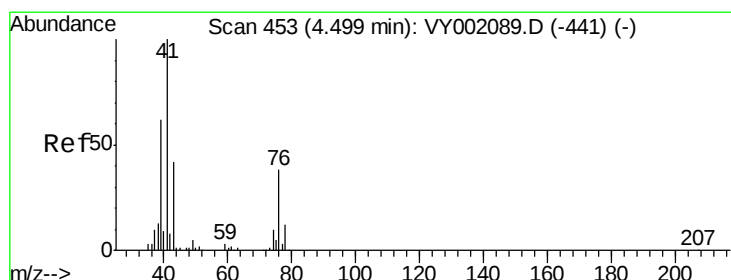
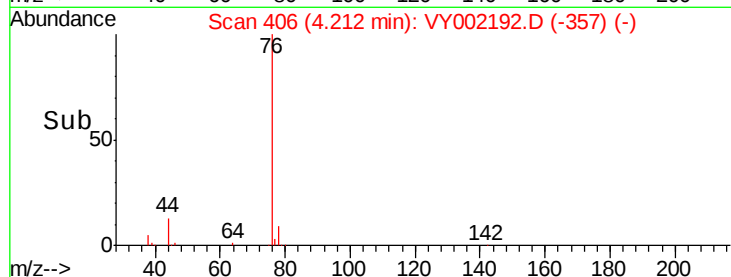
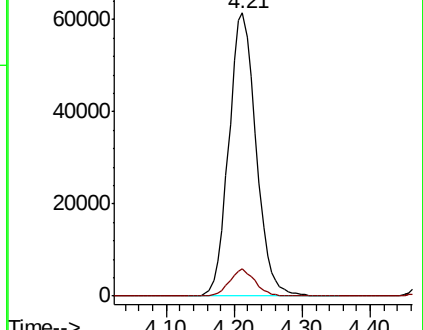
76 100

78 9.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002192.D (-357) (-)

Ion 77.90 (77.60 to 78.60): VY002192.D (-357) (-)



#18

Methyl Acetate

Concen: 52.768 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002192.D

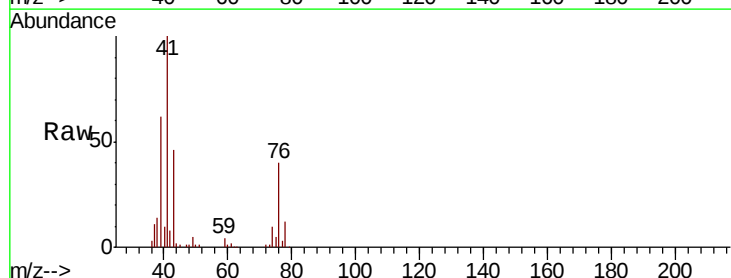
Acq: 02 Apr 2020 15:15

Tgt Ion: 43 Resp: 42710

Ion Ratio Lower Upper

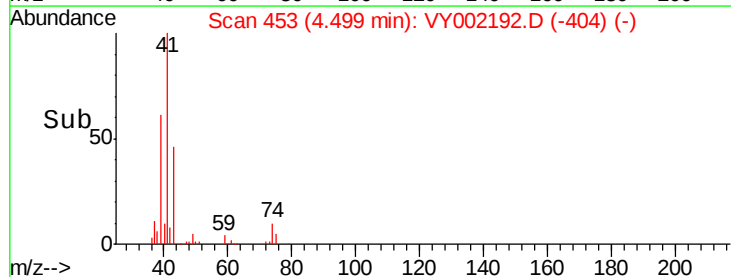
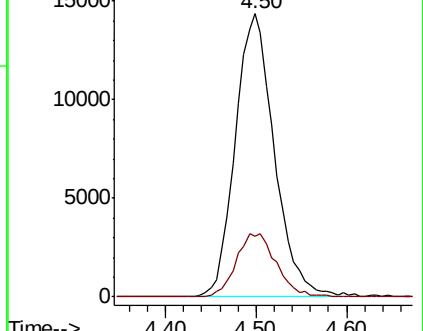
43 100

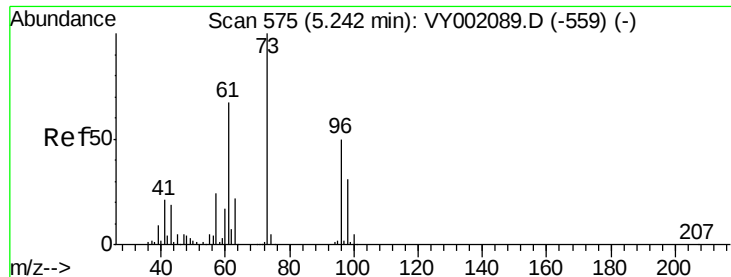
74 22.9 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.30): VY002192.D (-404) (-)

Ion 74.00 (73.70 to 74.30): VY002192.D (-404) (-)

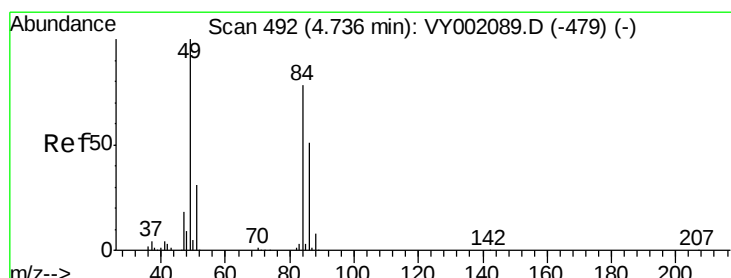
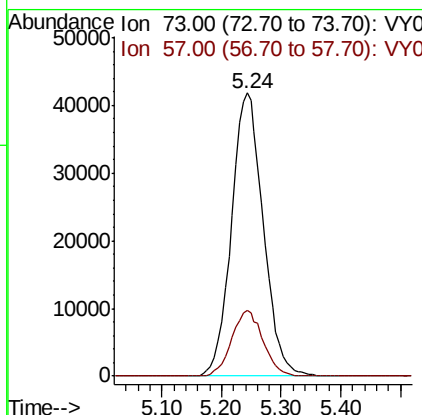
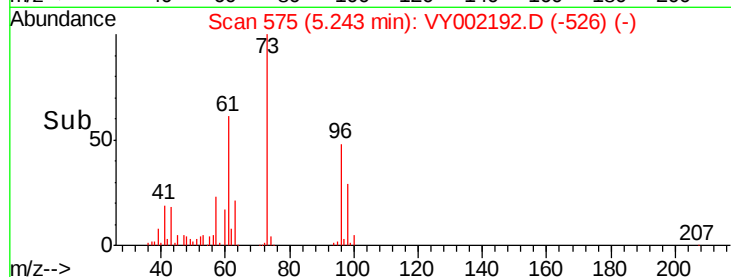
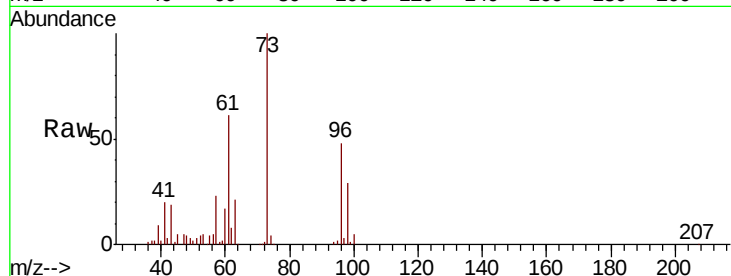




#19
Methyl tert-butyl Ether
Concen: 50.900 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

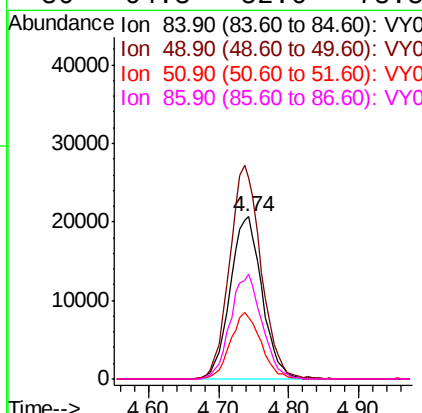
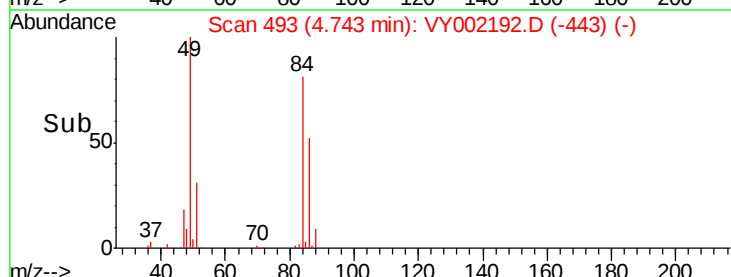
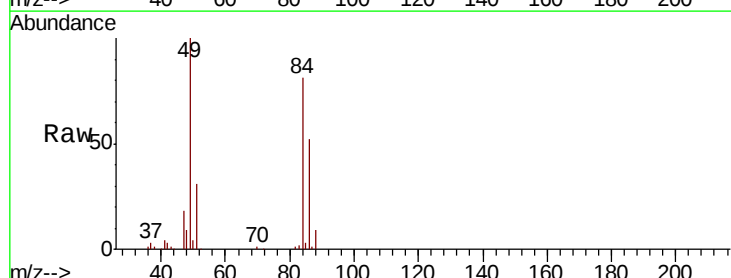
Instrument :
MSVOA_Y
ClientSampled :

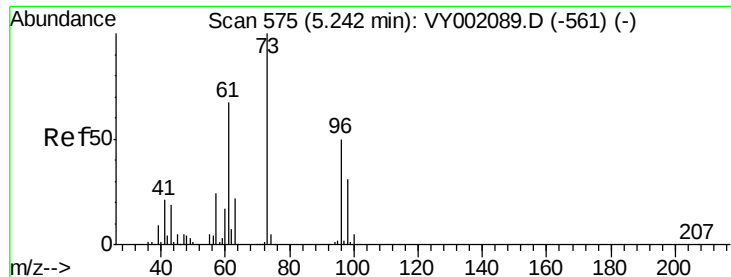
Tot Ion: 73 Resp: 154630
Ion Ratio Lower Upper
73 100
57 23.4 19.0 28.6



#20
Methylene Chloride
Concen: 50.737 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion: 84 Resp: 65378
Ion Ratio Lower Upper
84 100
49 123.7 102.2 153.4
51 38.1 31.2 46.8
86 64.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 50.321 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

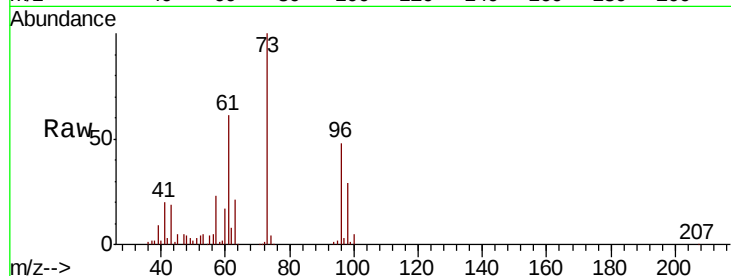
Tot Ion: 96 Resp: 62394

Ion Ratio Lower Upper

96 100

61 124.8 107.7 161.5

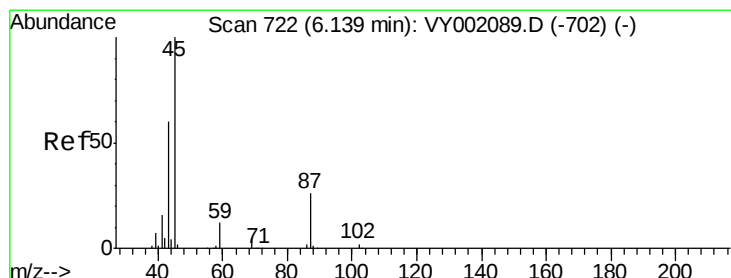
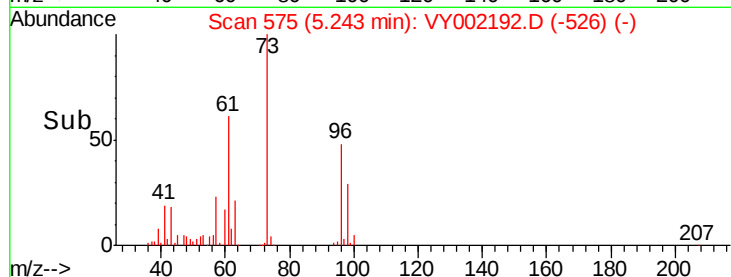
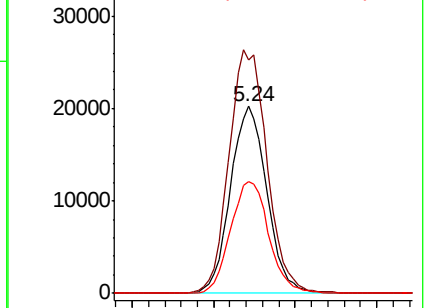
98 59.6 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VY002192.D (-526) (-)

Ion 60.90 (60.60 to 61.60): VY002192.D (-526) (-)

Ion 97.90 (97.60 to 98.60): VY002192.D (-526) (-)



#22

Diisopropyl ether

Concen: 51.476 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Tgt Ion: 45 Resp: 210013

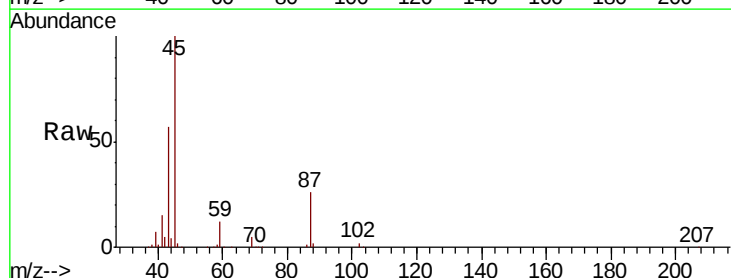
Ion Ratio Lower Upper

45 100

43 56.8 48.1 72.1

87 25.7 21.1 31.7

59 12.0 9.2 13.8

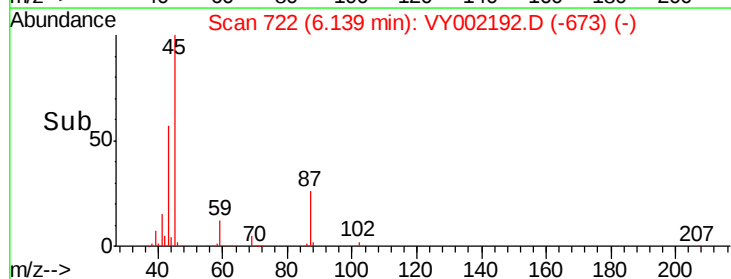
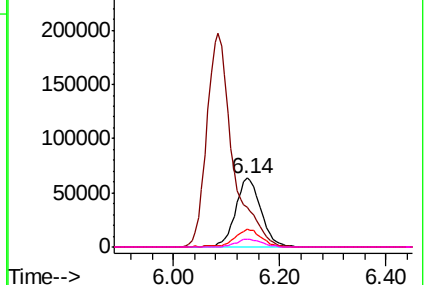


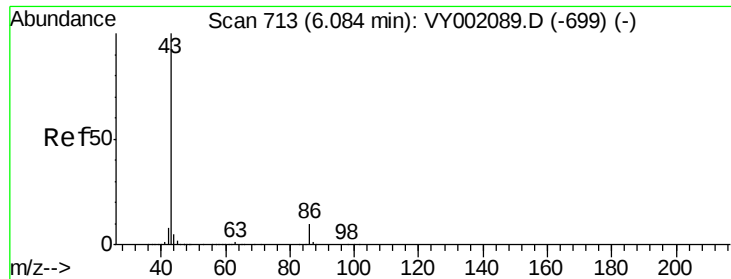
Abundance Ion 45.00 (44.70 to 45.70): VY002192.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VY002192.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VY002192.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VY002192.D (-673) (-)





#23

Vinyl Acetate

Concen: 247.193 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

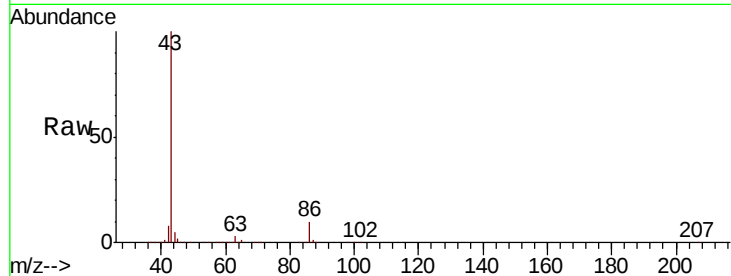
ClientSampleId :

Tot Ion: 43 Resp: 661311

Ion Ratio Lower Upper

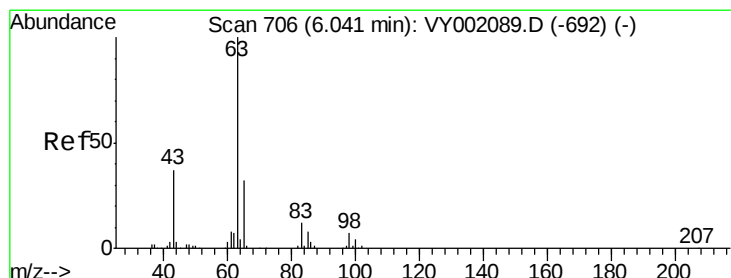
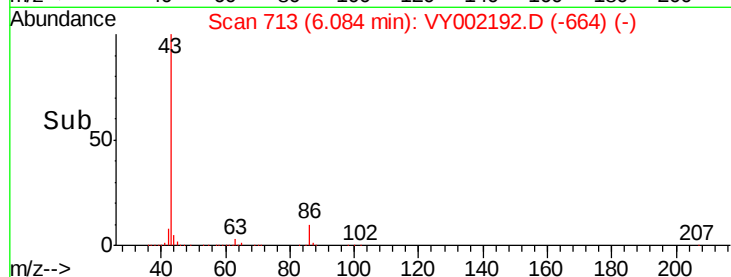
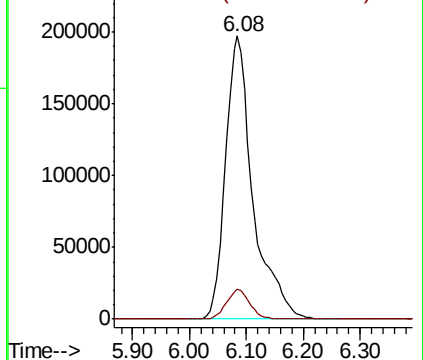
43 100

86 10.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.380 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

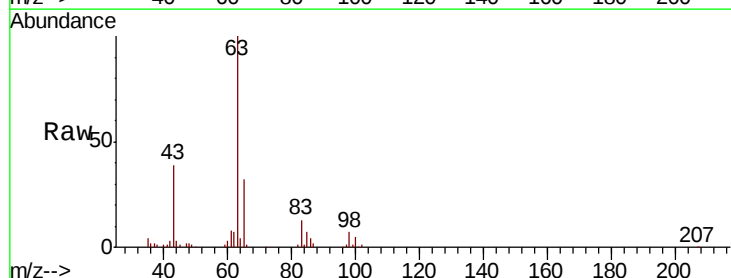
Tgt Ion: 63 Resp: 109284

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

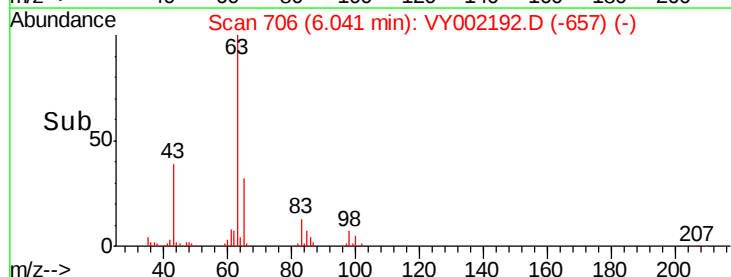
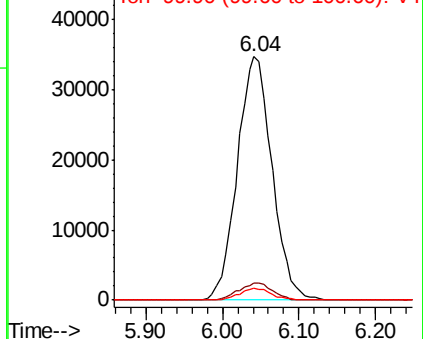
100 4.9 1.8 5.5

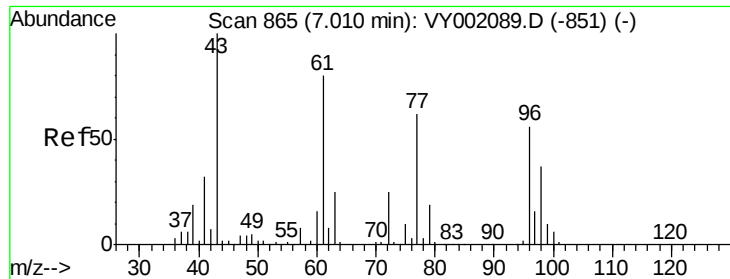


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

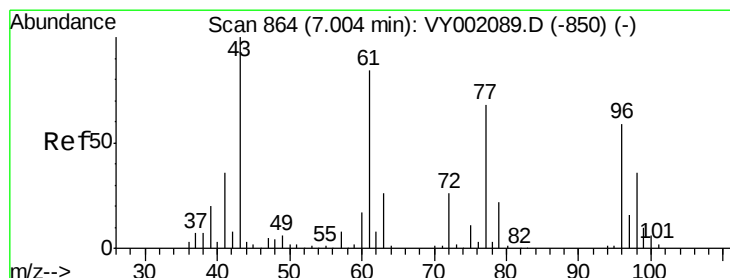
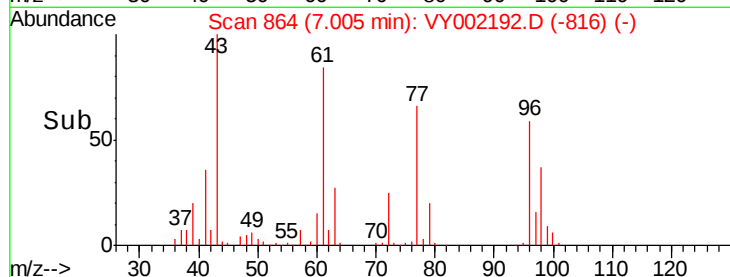
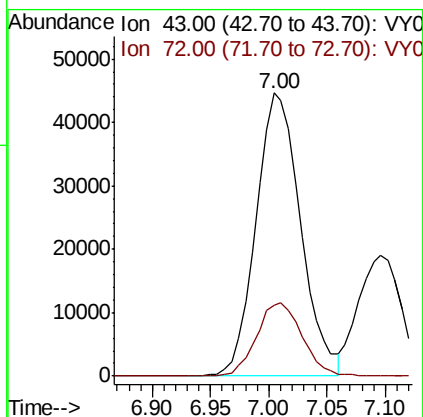
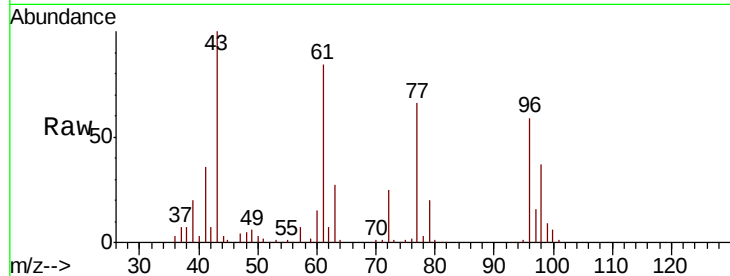




#25
2-Butanone
Concen: 247.963 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

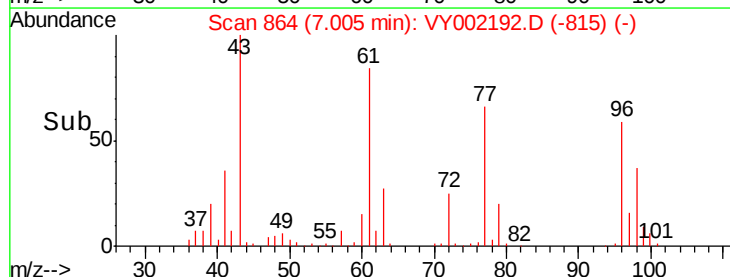
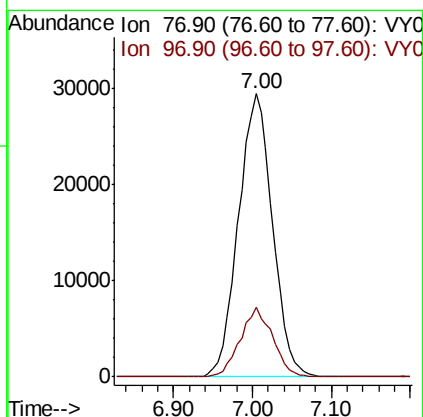
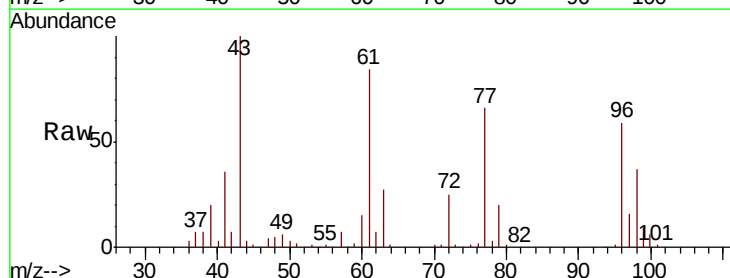
Instrument :
MSVOA_Y
ClientSampleID :

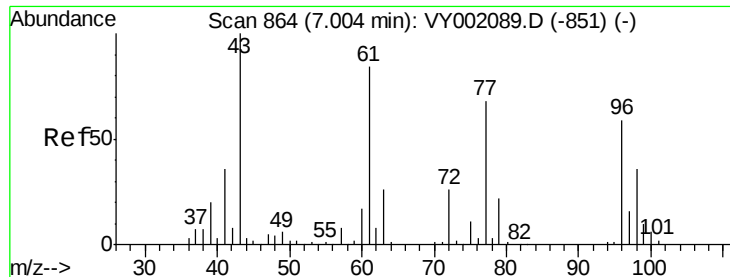
Tot Ion: 43 Resp: 118679
Ion Ratio Lower Upper
43 100
72 25.2 20.2 30.2



#26
2,2-Dichloropropane
Concen: 49.352 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion: 77 Resp: 88170
Ion Ratio Lower Upper
77 100
97 23.5 11.7 35.1

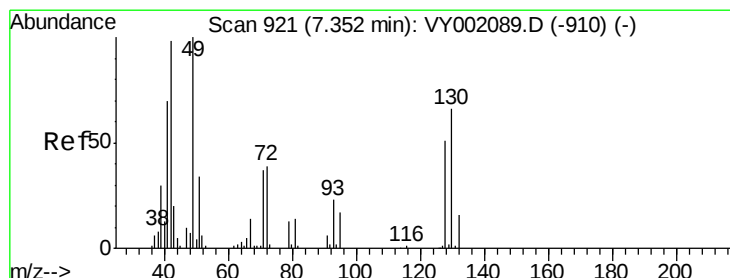
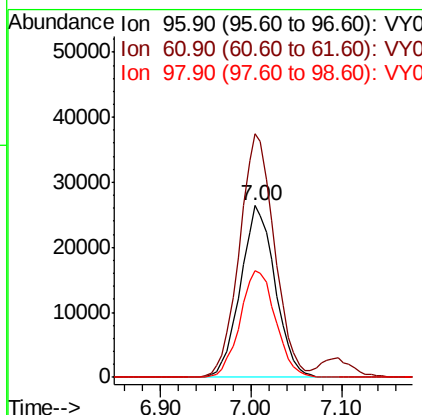
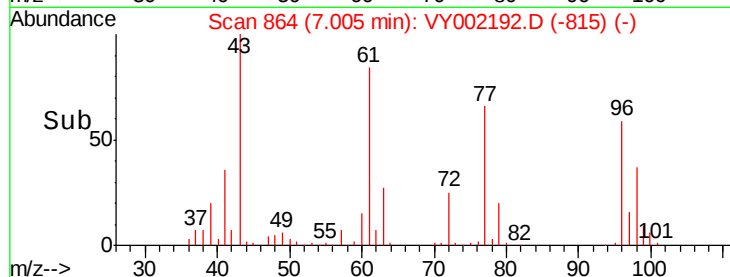
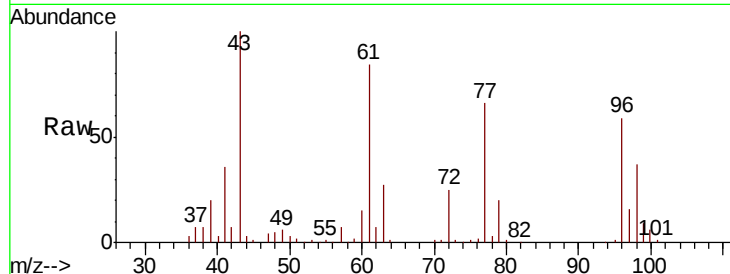




#27
 cis-1,2-Dichloroethene
 Concen: 51.066 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

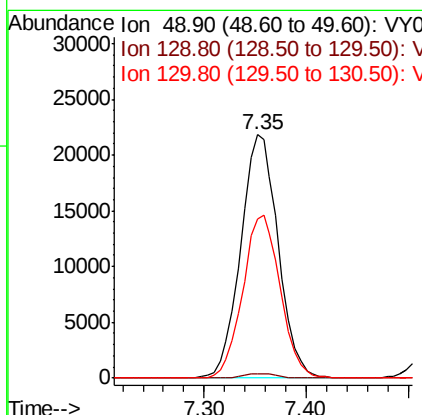
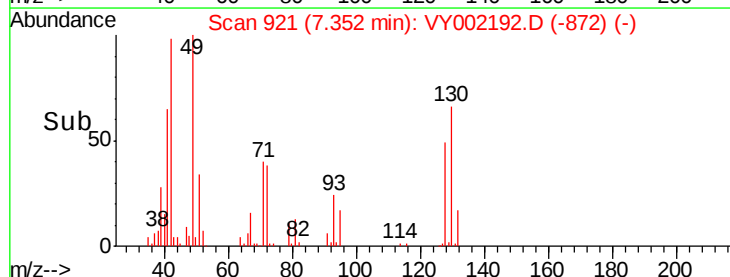
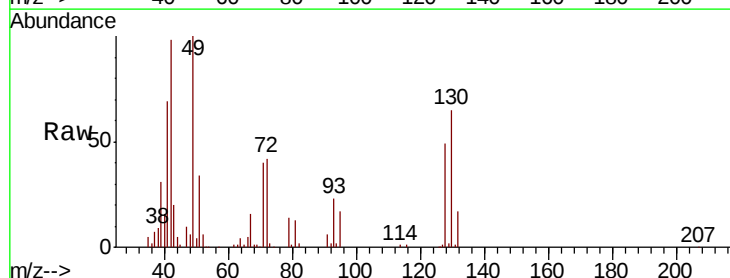
Instrument :
 MSVOA_Y
 ClientSampleId :

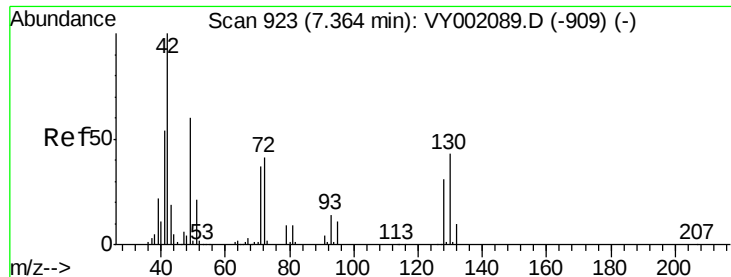
Tot Ion: 96 Resp: 69658
 Ion Ratio Lower Upper
 96 100
 61 143.4 0.0 290.6
 98 63.7 0.0 128.0



#28
 Bromochloromethane
 Concen: 56.040 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion: 49 Resp: 55497
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 67.1 54.1 81.1

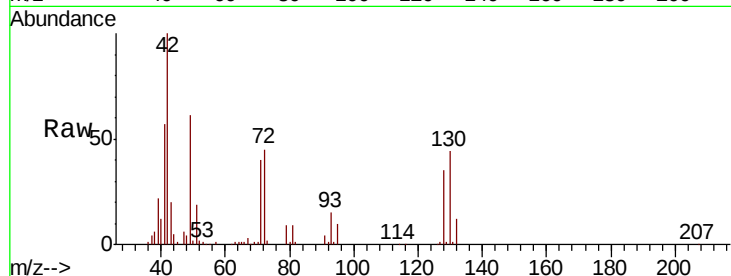




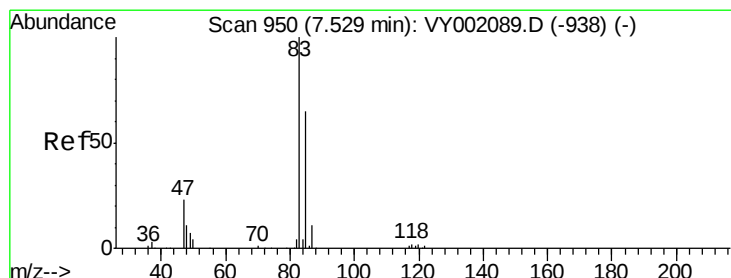
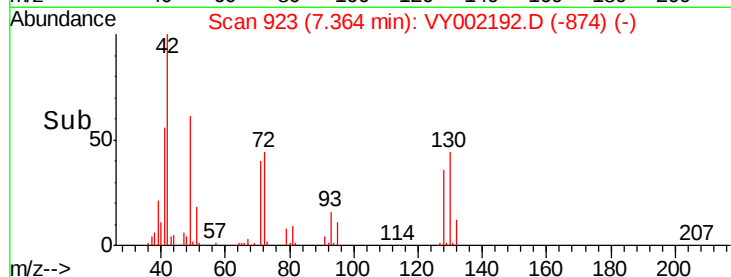
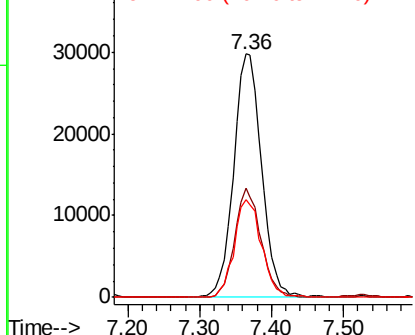
#29
Tetrahydrofuran
Concen: 255.435 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 80155
Ion Ratio Lower Upper
42 100
72 42.0 33.0 49.4
71 39.2 31.2 46.8

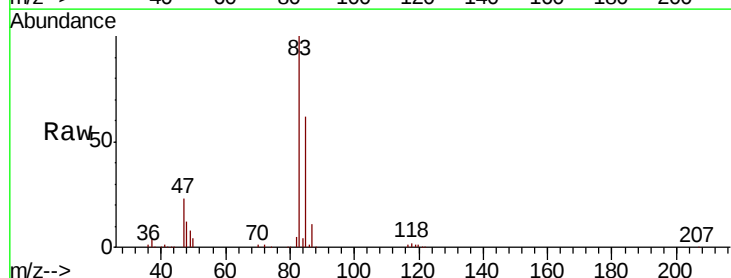


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

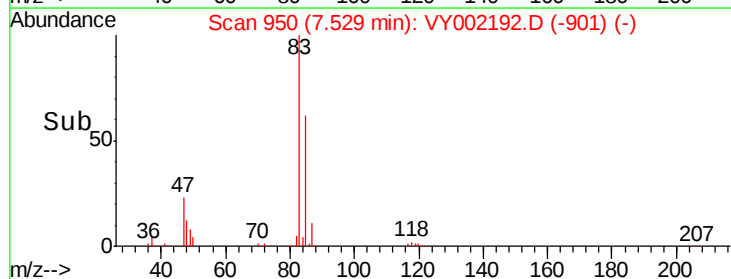
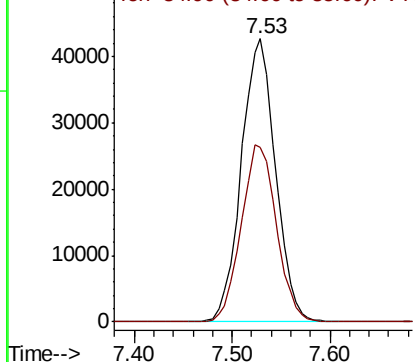


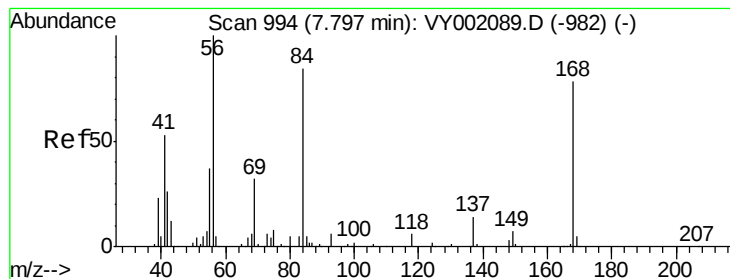
#30
Chloroform
Concen: 50.156 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion: 83 Resp: 103125
Ion Ratio Lower Upper
83 100
85 61.6 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 47.943 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :
MSVOA_Y
ClientSampleId :

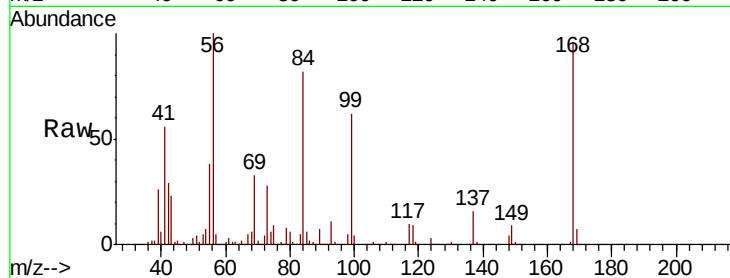
Tot Ion: 56 Resp: 110817

Ion Ratio Lower Upper

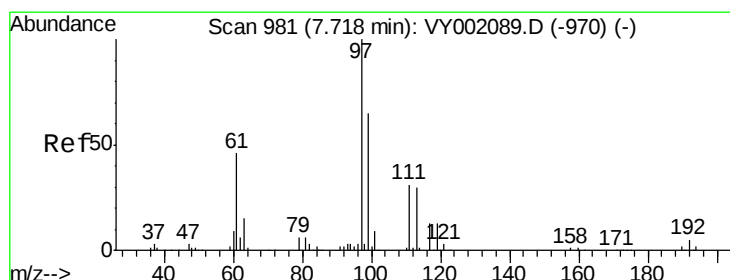
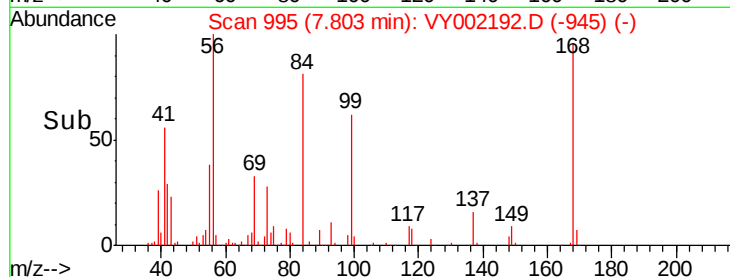
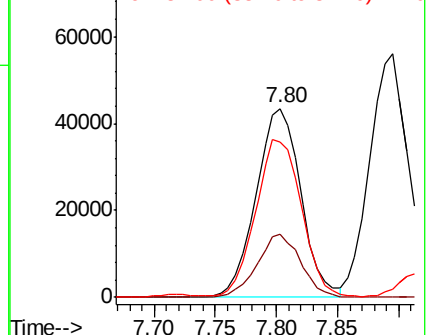
56 100

69 33.3 25.8 38.8

84 81.1 67.1 100.7



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



#32

1,1,1-Trichloroethane

Concen: 51.003 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

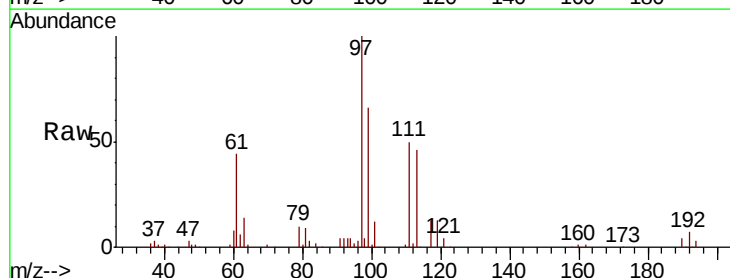
Tgt Ion: 97 Resp: 87557

Ion Ratio Lower Upper

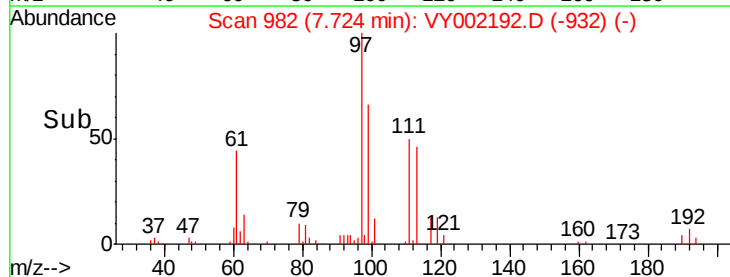
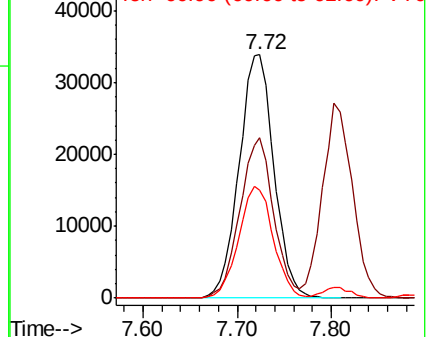
97 100

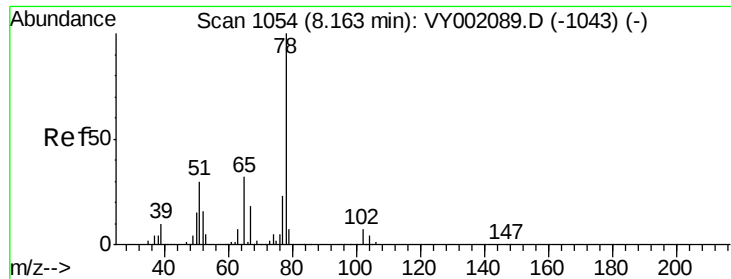
99 63.8 52.0 78.0

61 45.3 35.7 53.5



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

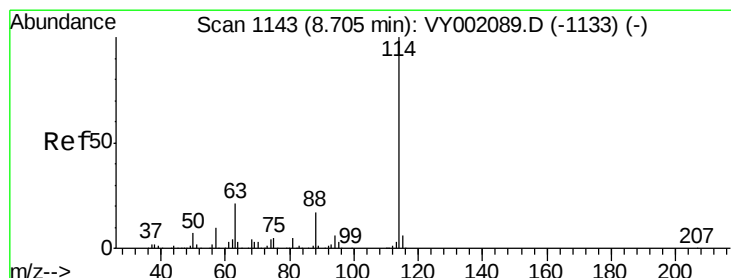
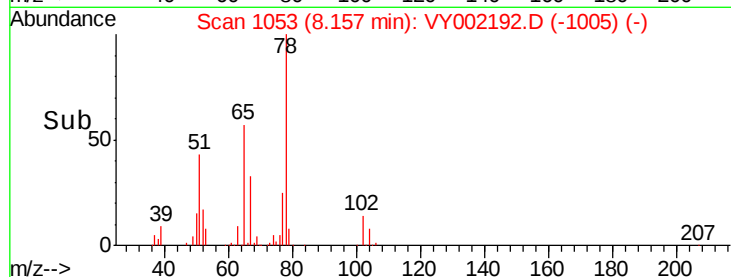
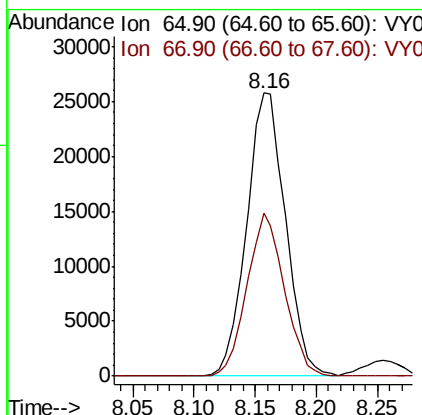
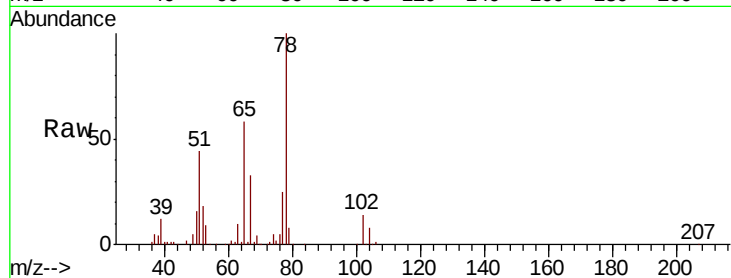




#33
 1,2-Dichloroethane-d4
 Concen: 51.311 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

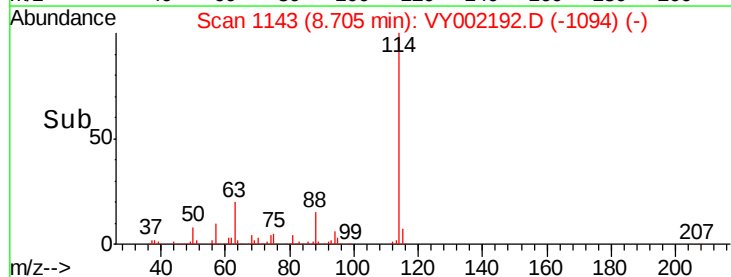
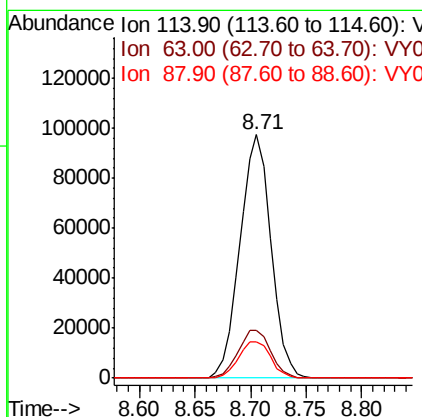
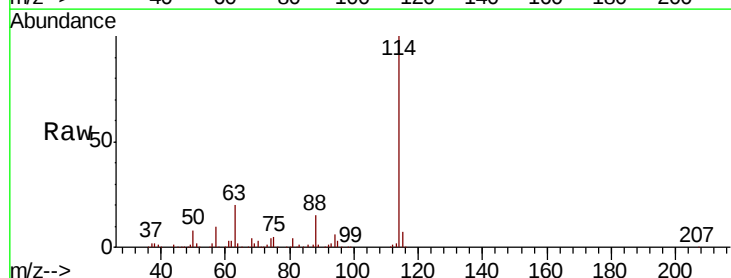
Instrument :
 MSVOA_Y
 ClientSampleId :

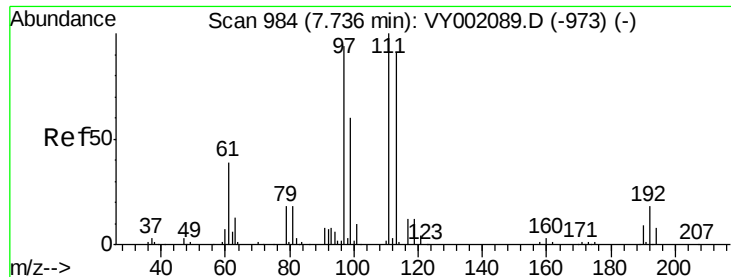
Tot Ion: 65 Resp: 56927
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion: 114 Resp: 188248
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 15.1 0.0 33.0

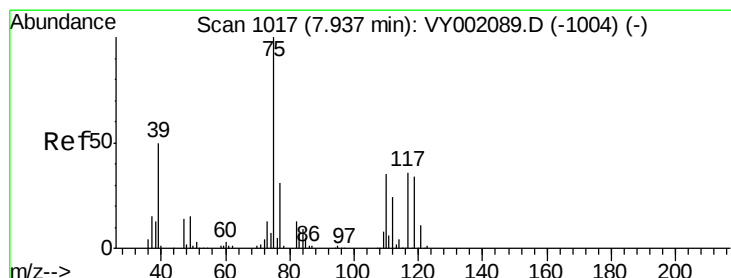
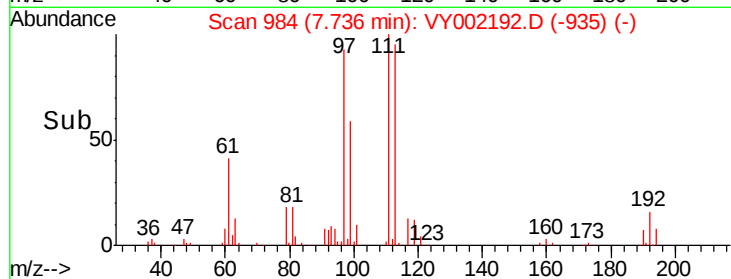
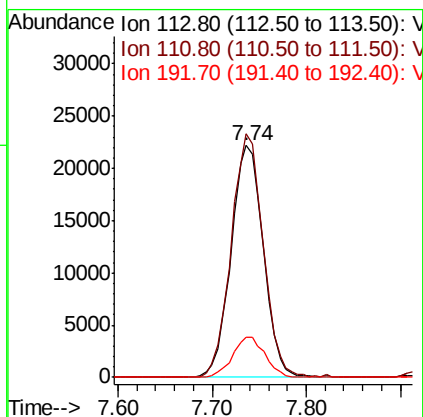
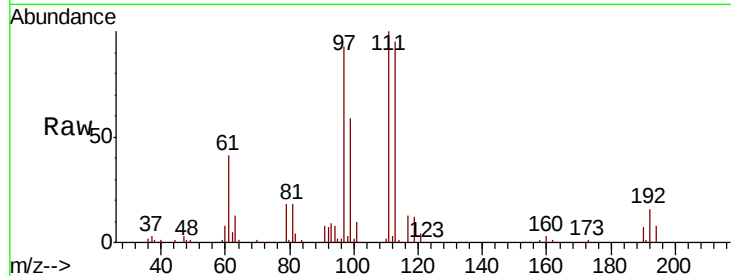




#35
 Dibromofluoromethane
 Concen: 50.240 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

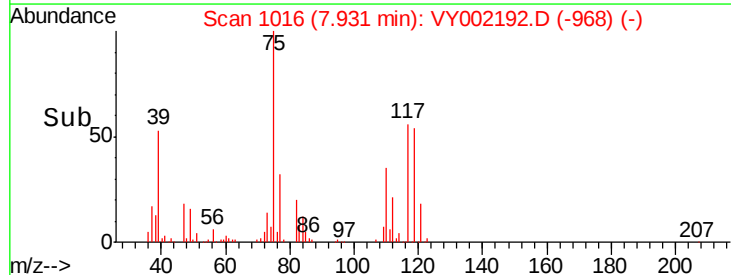
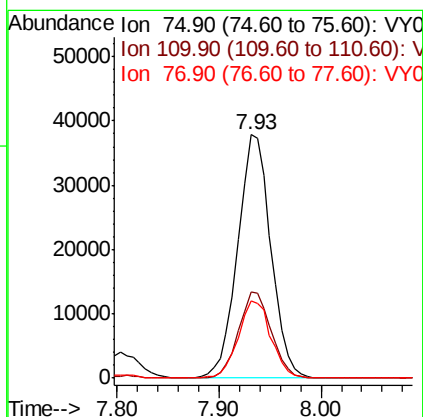
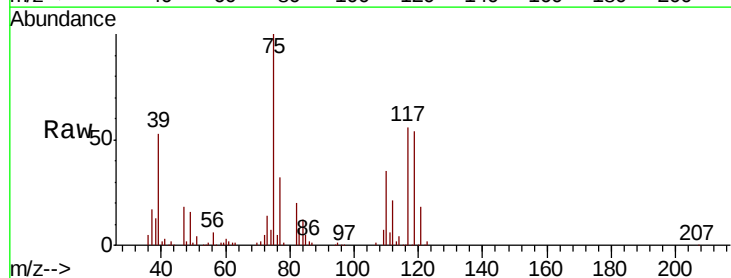
Instrument :
 MSVOA_Y
 ClientSampleId :

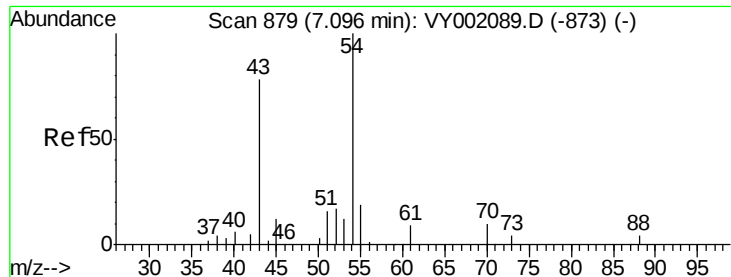
Tot Ion:113 Resp: 52992
 Ion Ratio Lower Upper
 113 100
 111 103.5 84.4 126.6
 192 17.3 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 48.102 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion: 75 Resp: 85649
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.2 51.6
 77 31.6 24.7 37.1

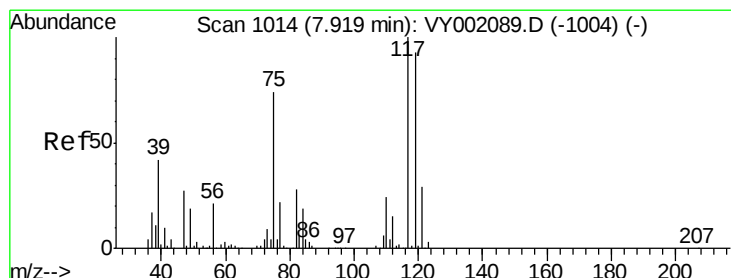
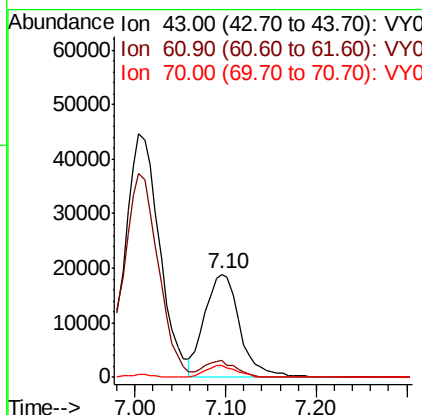
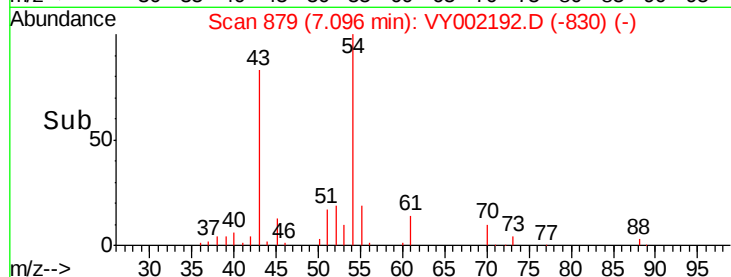
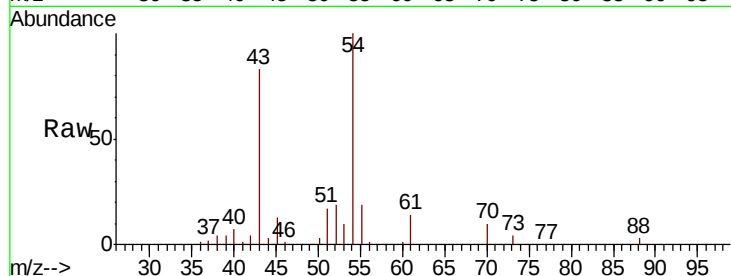




#37
Ethyl Acetate
Concen: 48.055 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

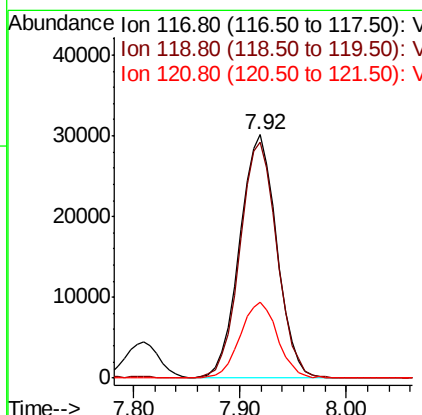
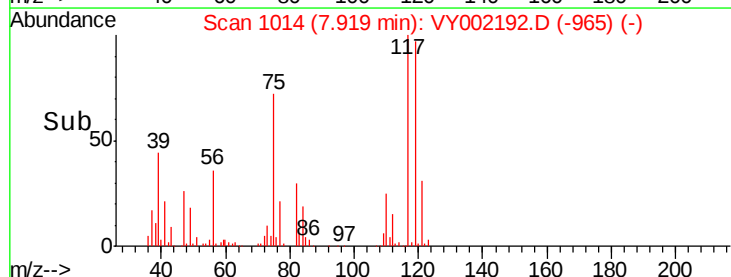
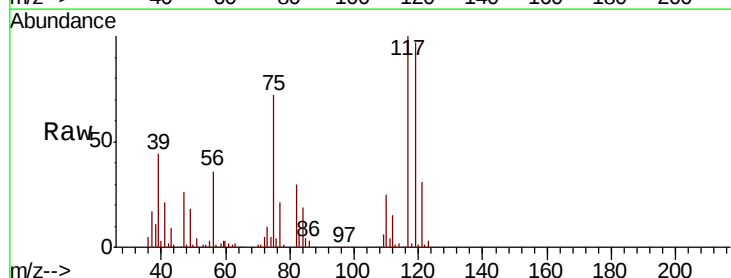
Instrument :
MSVOA_Y
ClientSampled :

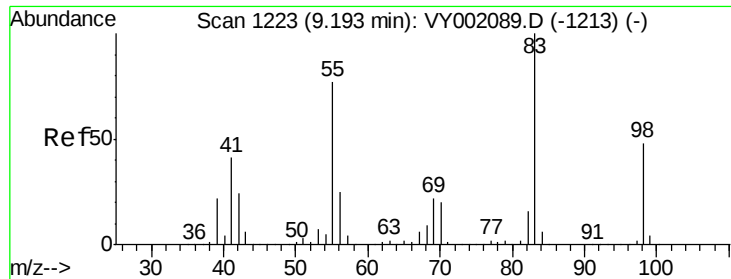
Tot Ion: 43 Resp: 51707
Ion Ratio Lower Upper
43 100
61 14.4 11.2 16.8
70 10.6 8.2 12.4



#38
Carbon Tetrachloride
Concen: 48.840 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion: 117 Resp: 73781
Ion Ratio Lower Upper
117 100
119 97.0 74.3 111.5
121 31.4 23.3 34.9

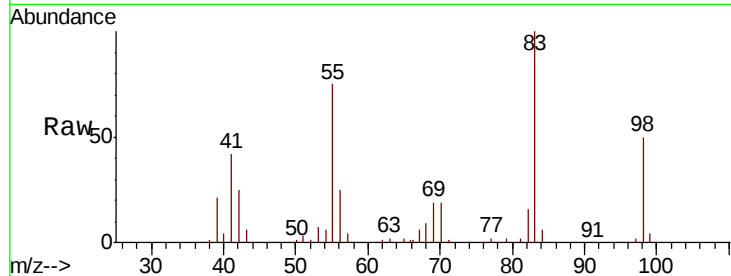




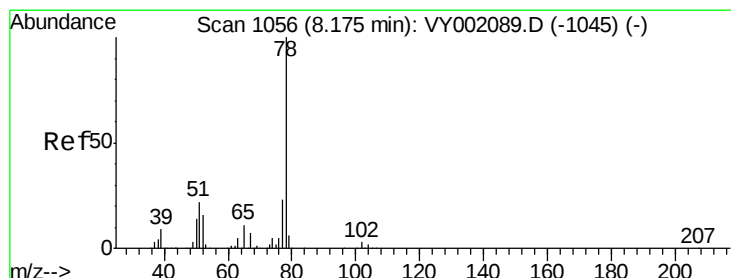
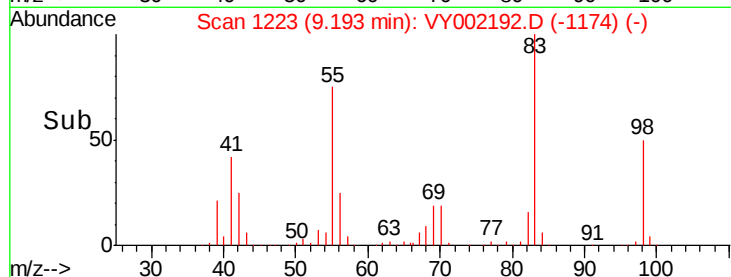
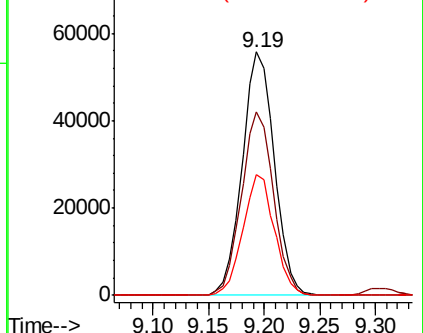
#39
Methvlcvclohexane
Concen: 47.902 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 111879
Ion Ratio Lower Upper
83 100
55 75.1 61.2 91.8
98 49.8 38.2 57.2

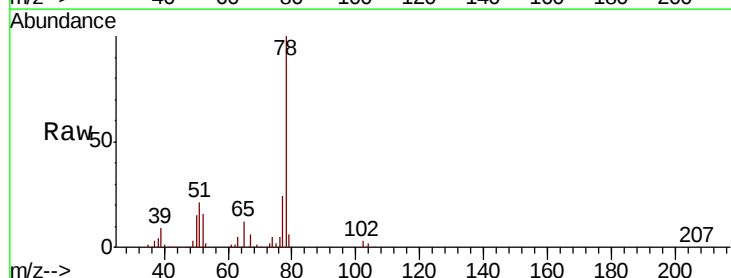


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

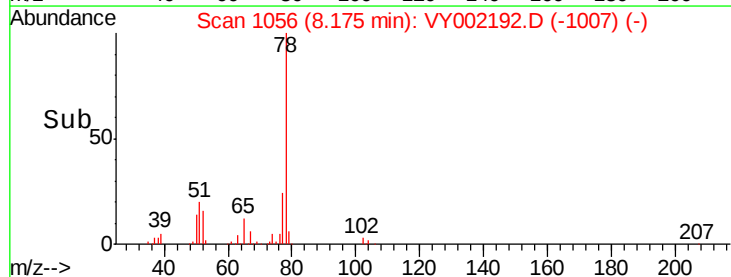
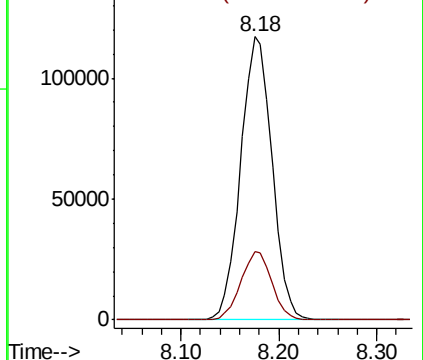


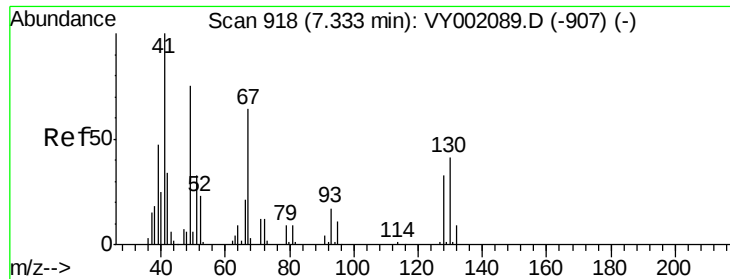
#40
Benzene
Concen: 49.368 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion: 78 Resp: 260380
Ion Ratio Lower Upper
78 100
77 24.0 18.2 27.4



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

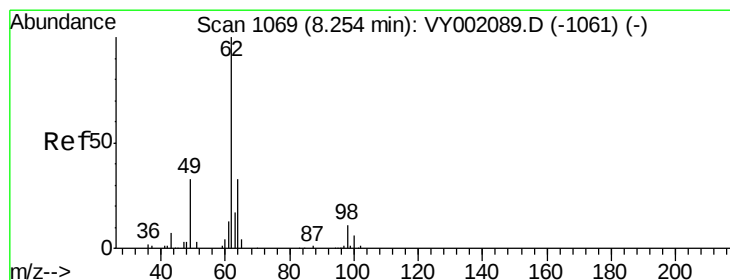
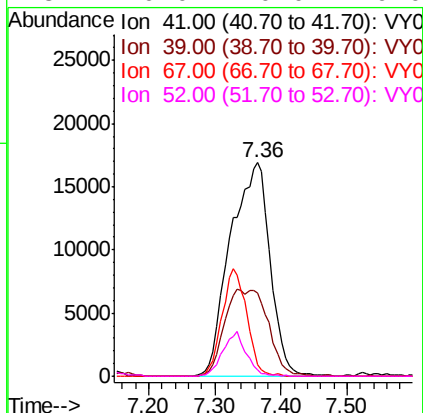
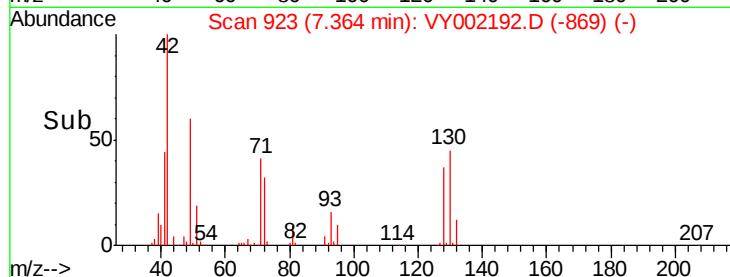
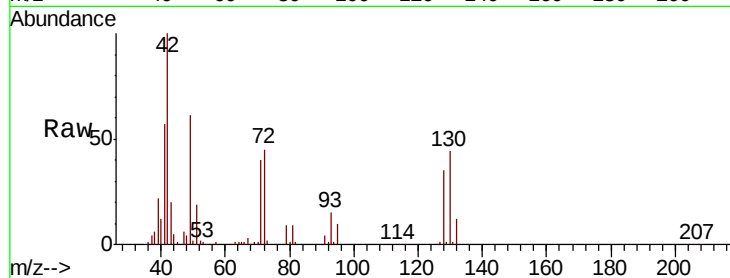




#41
Methacrylonitrile
Concen: 129.502 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.03 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

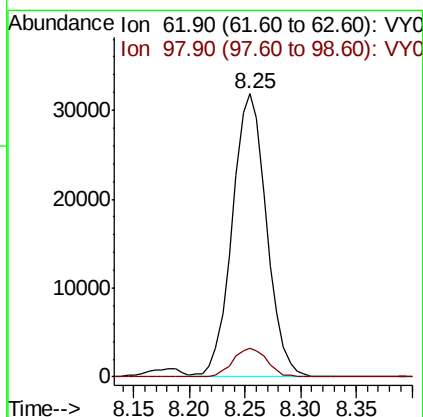
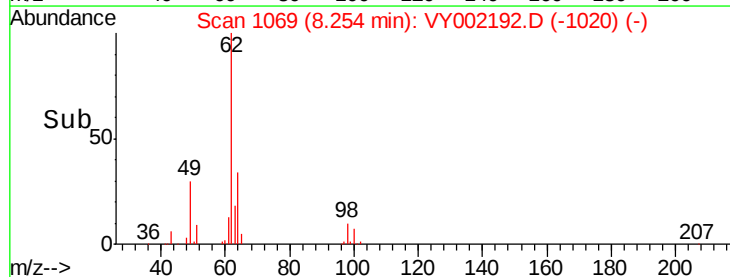
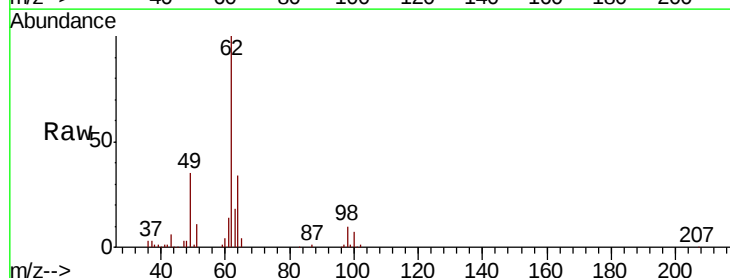
Instrument :
MSVOA_Y
ClientSampled :

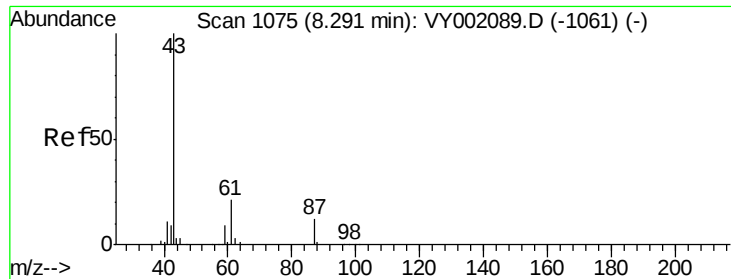
Tot Ion:	41	Resp:	70484
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.537 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion:	62	Resp:	67965
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.2

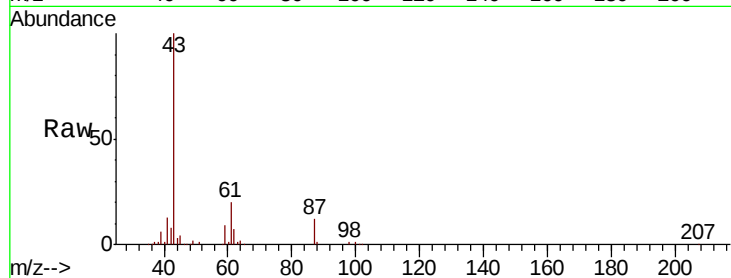




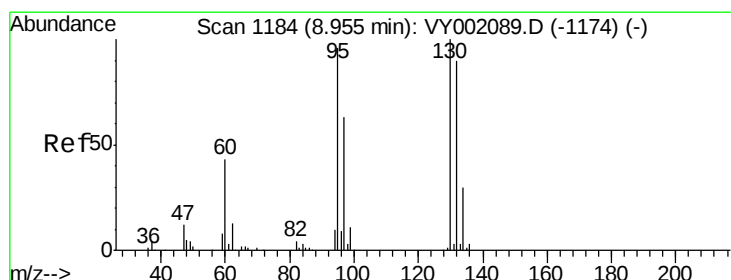
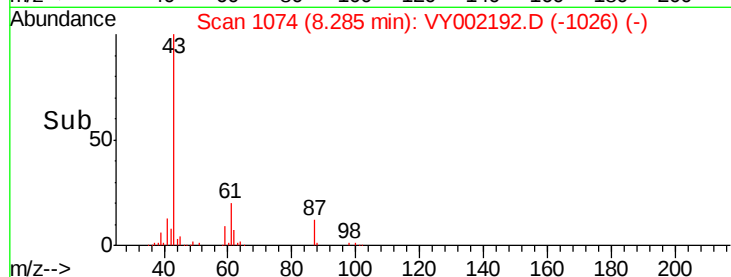
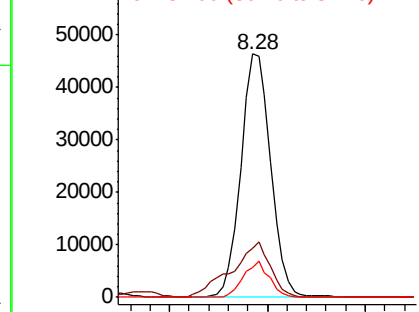
#43
Isopropyl Acetate
Concen: 49.293 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 98443
Ion Ratio Lower Upper
43 100
61 29.3 23.4 35.2
87 13.1 10.2 15.4

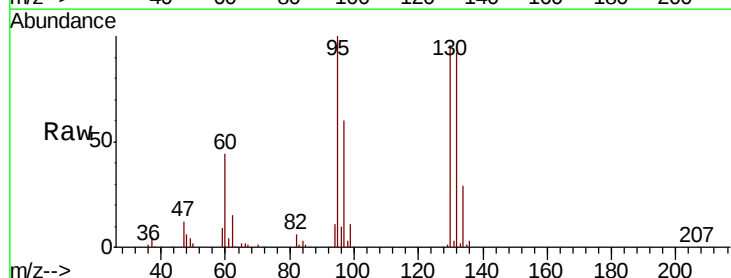


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

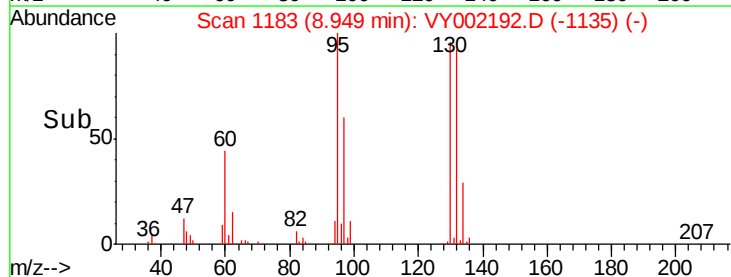
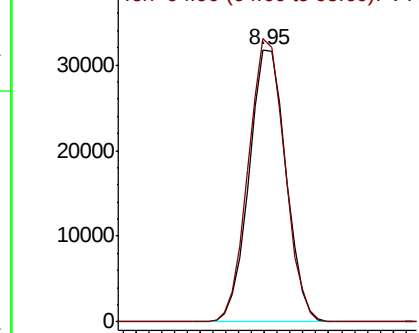


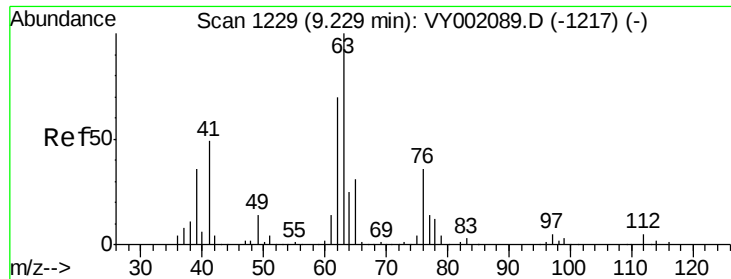
#44
Trichloroethene
Concen: 49.322 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion:130 Resp: 62706
Ion Ratio Lower Upper
130 100
95 104.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

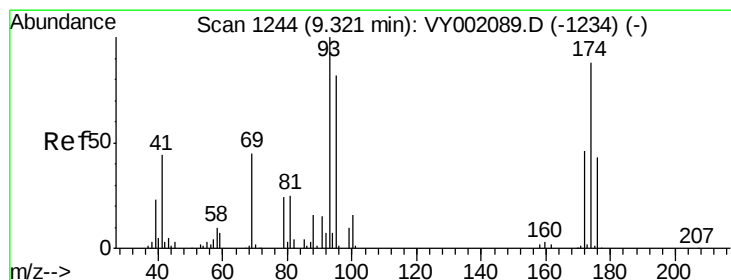
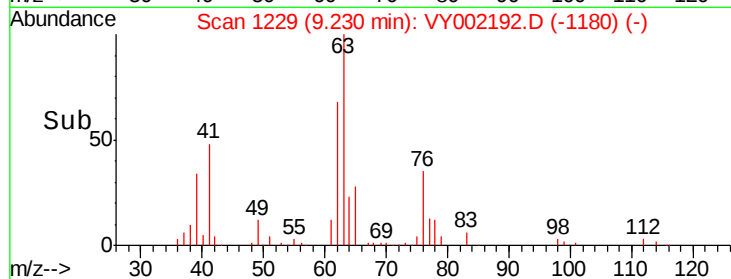
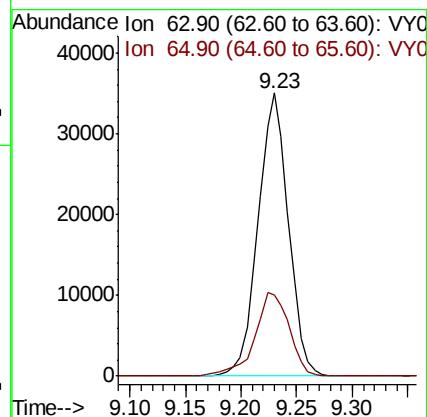
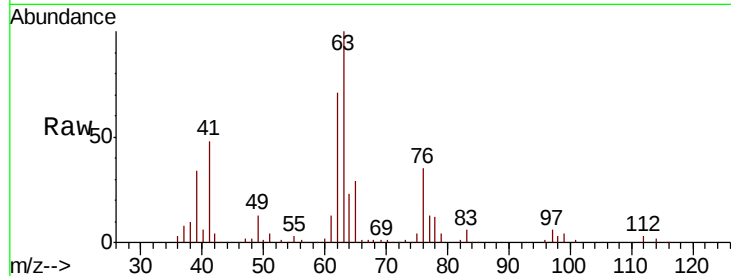




#45
 1,2-Dichloropropane
 Concen: 49.483 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

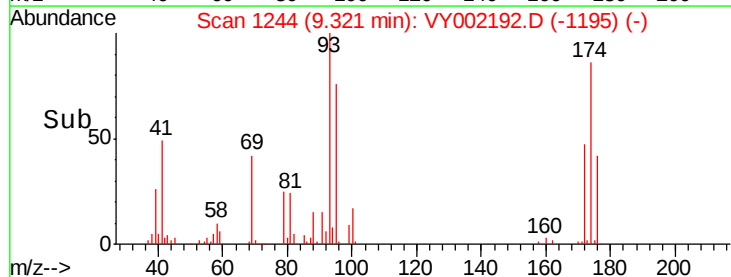
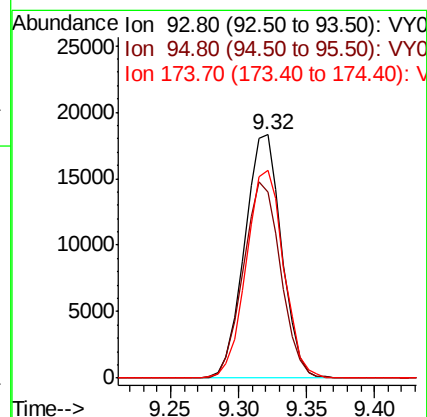
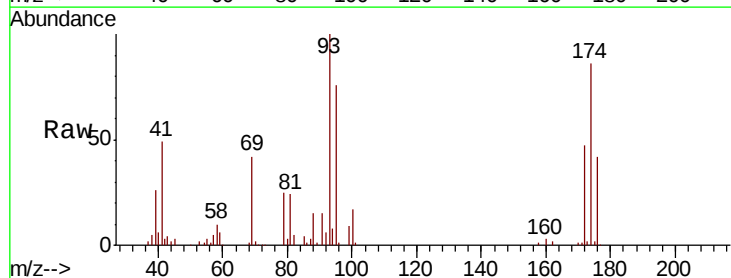
Instrument :
 MSVOA_Y
 ClientSampleId :

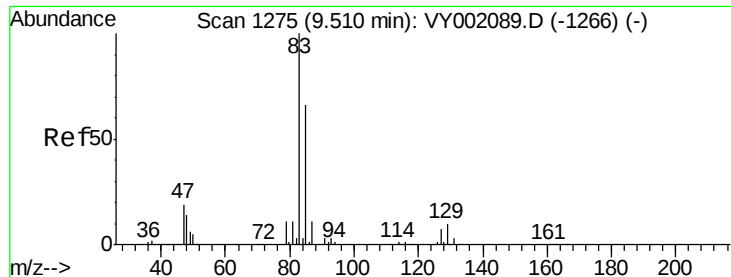
Tot Ion: 63 Resp: 66453
 Ion Ratio Lower Upper
 63 100
 65 28.9 25.0 37.6



#46
 Dibromomethane
 Concen: 50.518 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion: 93 Resp: 34841
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.0 99.0
 174 86.7 69.8 104.8

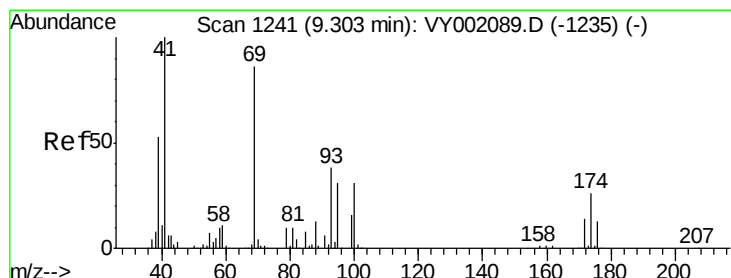
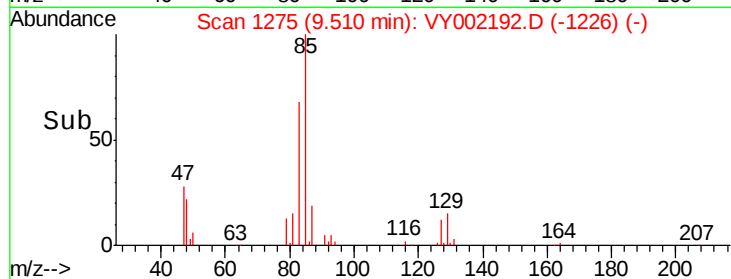
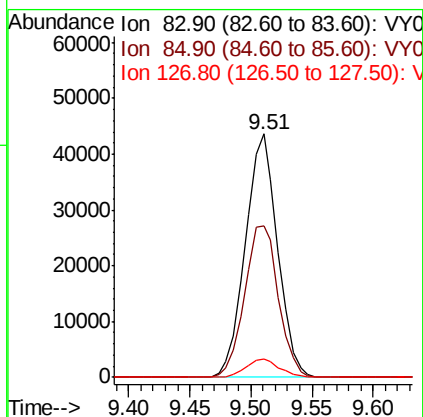
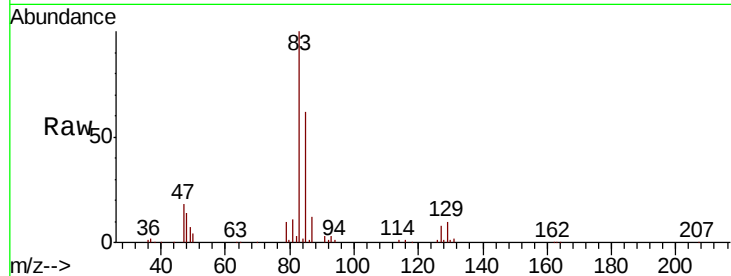




#47
 Bromodichloromethane
 Concen: 49.788 ug/l
 RT: 9.51 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

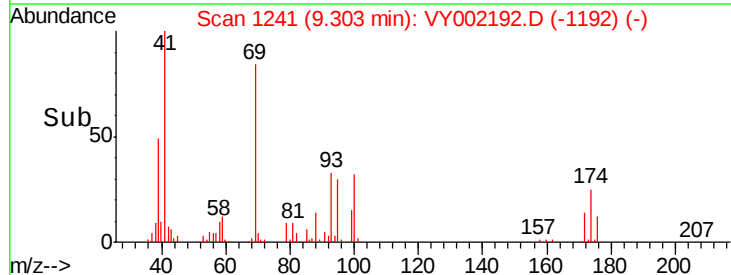
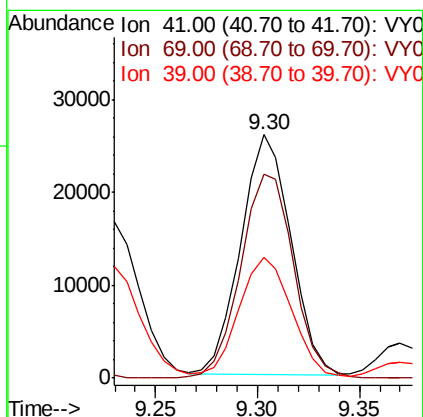
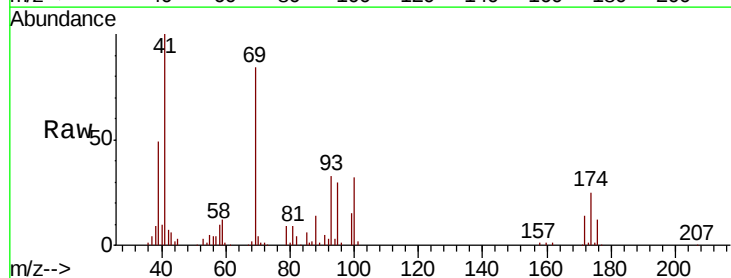
Instrument :
 MSVOA_Y
 ClientSampled :

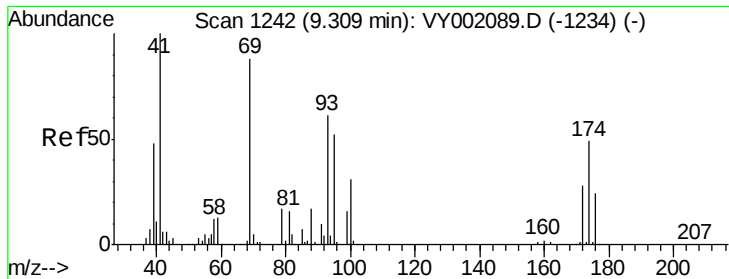
Tot Ion: 83 Resp: 79936
 Ion Ratio Lower Upper
 83 100
 85 62.3 52.6 79.0
 127 7.5 5.9 8.9



#48
 Methyl methacrylate
 Concen: 49.344 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion: 41 Resp: 44161
 Ion Ratio Lower Upper
 41 100
 69 89.6 71.4 107.0
 39 53.7 41.0 61.4

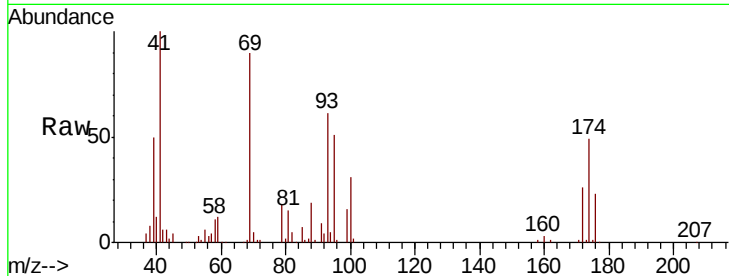




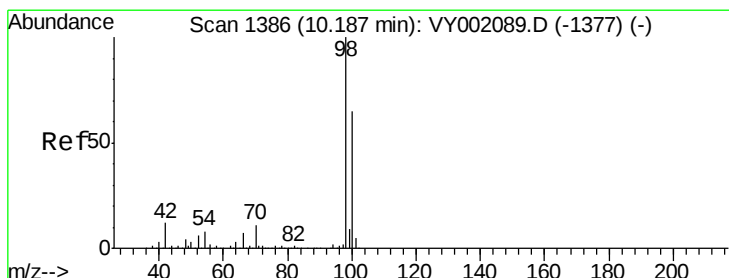
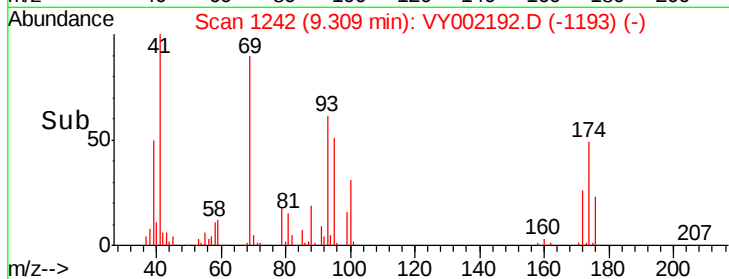
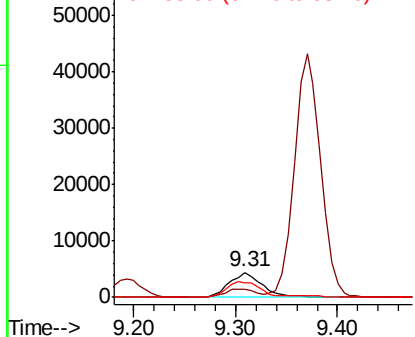
#49
1,4-Dioxane
Concen: 1057.896 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 10012
Ion Ratio Lower Upper
88 100
43 30.1 27.2 40.8
58 63.5 59.8 89.8

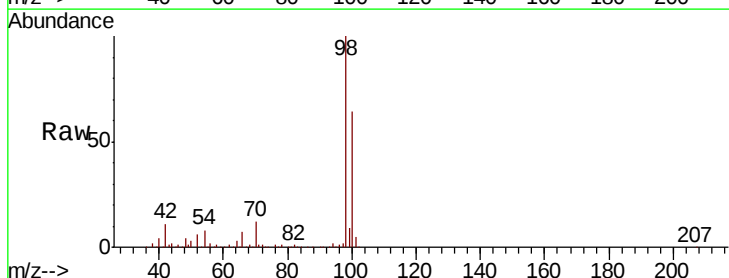


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

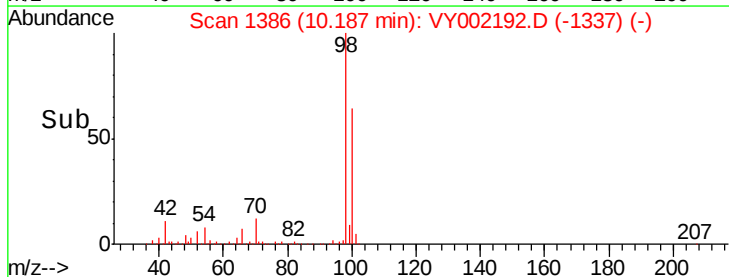
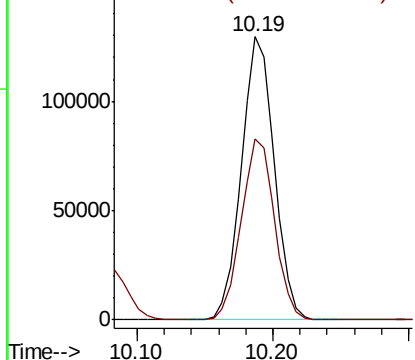


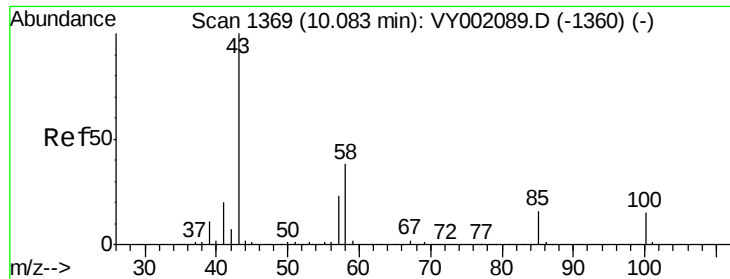
#50
Toluene-d8
Concen: 49.764 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion: 98 Resp: 218058
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 252.896 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

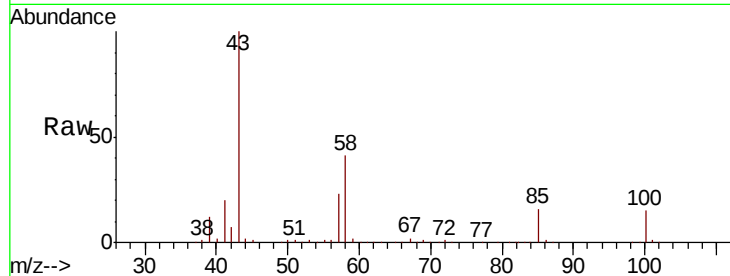
ClientSampled :

Tot Ion: 43 Resp: 260065

Ion Ratio Lower Upper

43 100

58 40.0 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-1360) (-)

10.08

150000

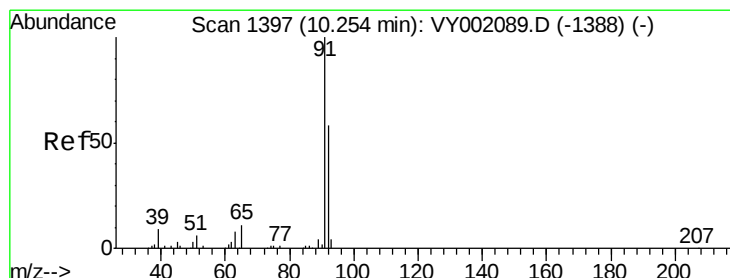
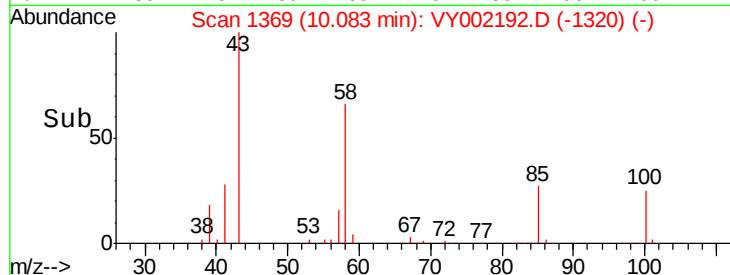
100000

50000

0

10.00 10.10 10.20

Time-->



#52

Toluene

Concen: 49.730 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY002192.D

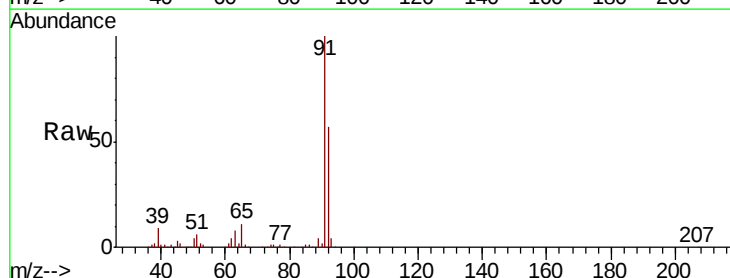
Acq: 02 Apr 2020 15:15

Tgt Ion: 92 Resp: 158639

Ion Ratio Lower Upper

92 100

91 175.1 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY002089.D (-1388) (-)

Ion 91.00 (90.70 to 91.70): VY002089.D (-1388) (-)

10.25

150000

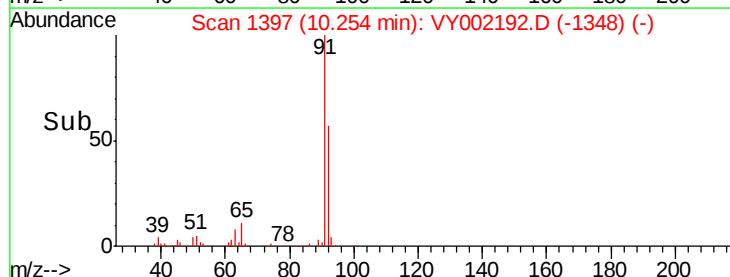
100000

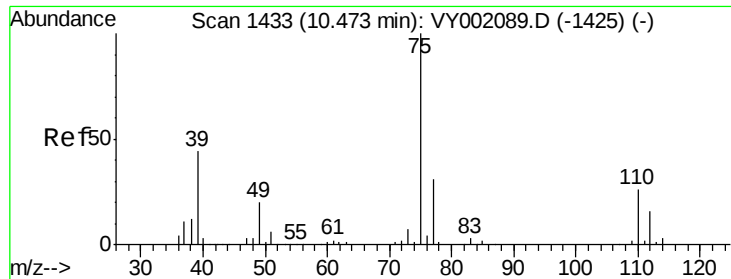
50000

0

10.20 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.364 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

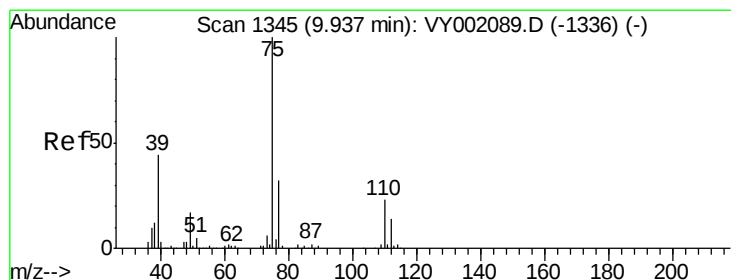
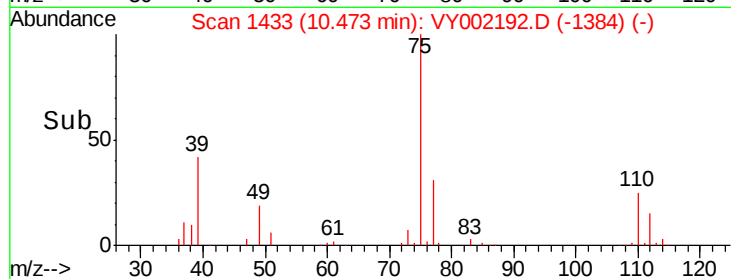
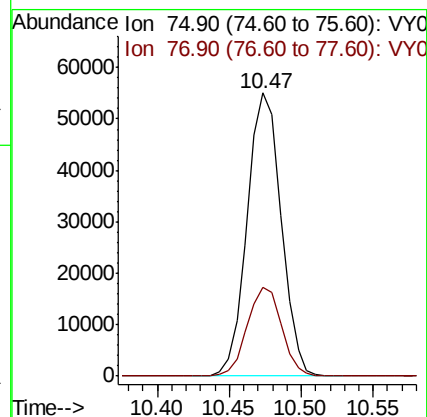
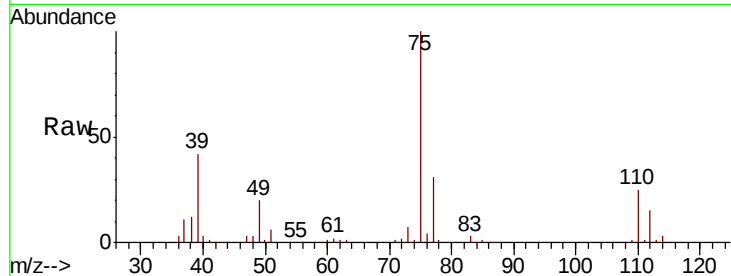
ClientSampleId :

Tot Ion: 75 Resp: 89750

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 50.035 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

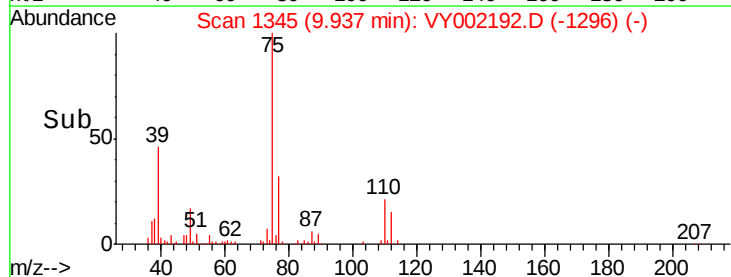
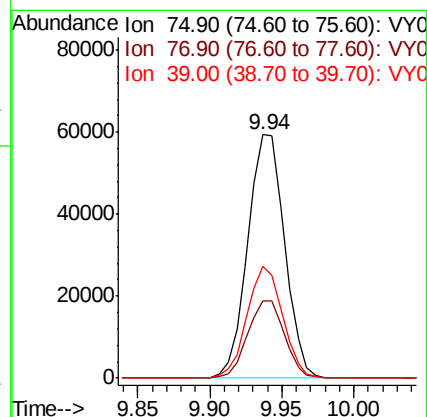
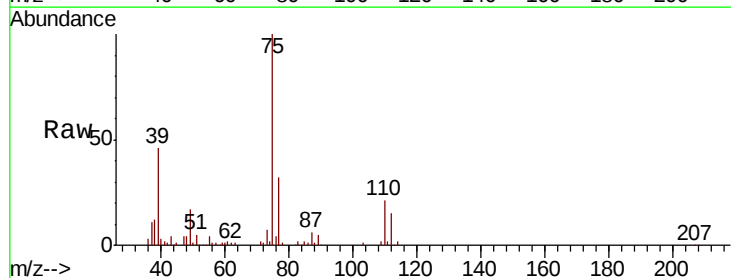
Tgt Ion: 75 Resp: 104979

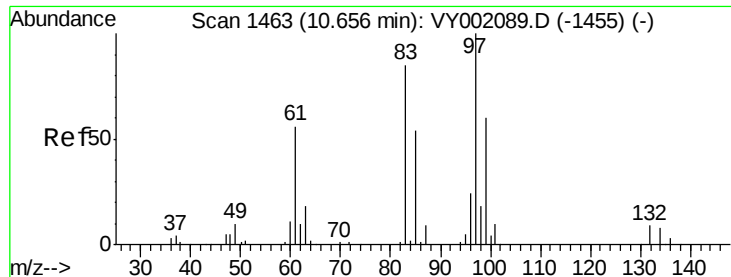
Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 45.8 35.2 52.8

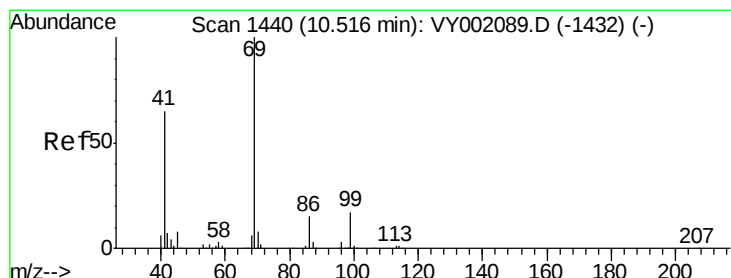
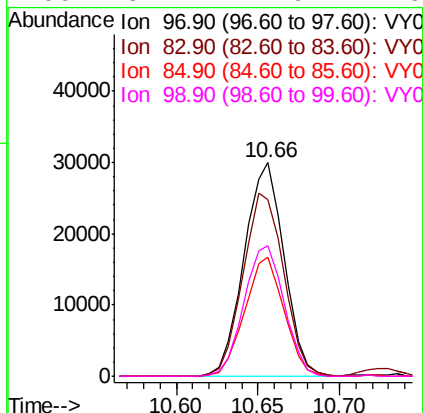
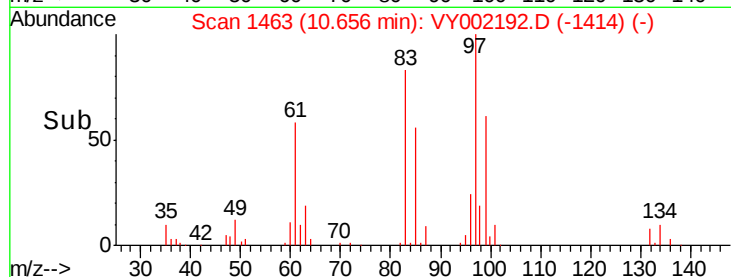
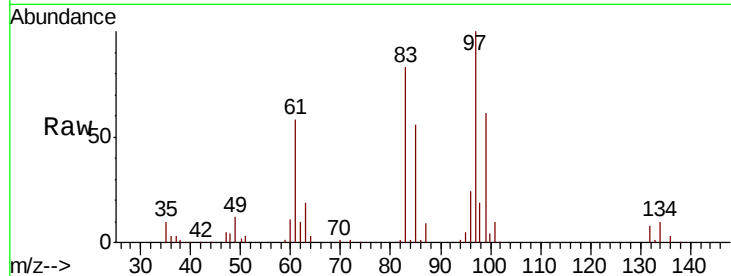




#55
 1,1,2-Trichloroethane
 Concen: 49.988 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

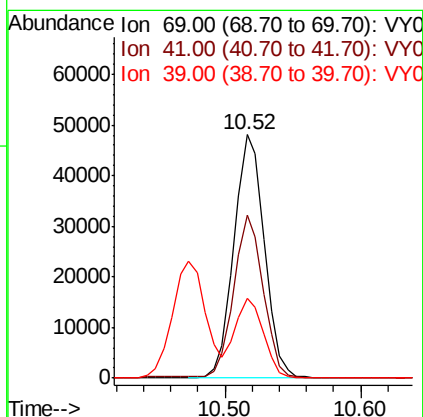
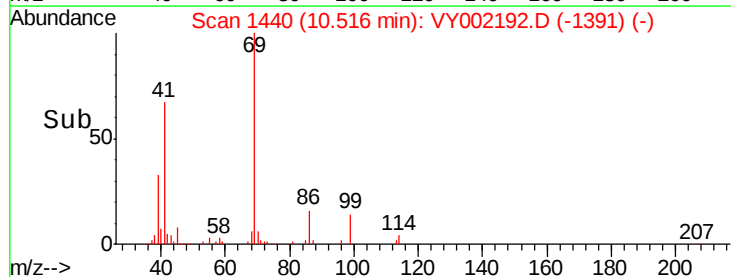
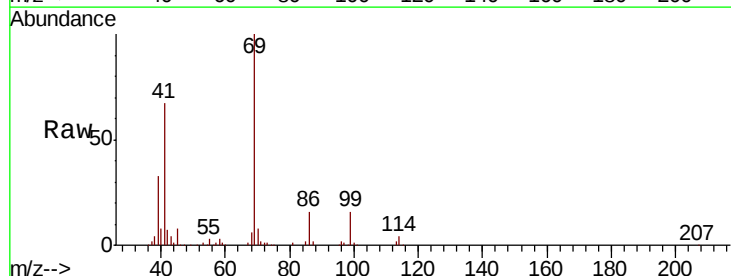
Instrument :
 MSVOA_Y
 ClientSampled :

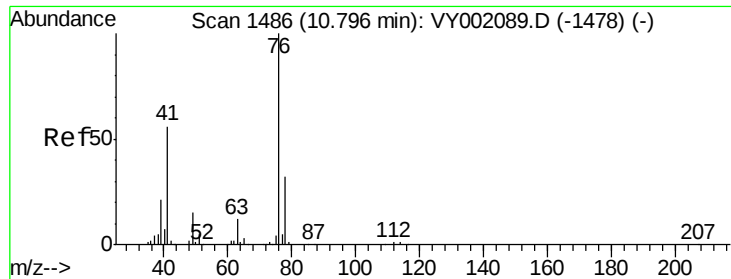
Tot Ion:	97	Resp:	51025
Ion	Ratio	Lower	Upper
97	100		
83	82.7	68.2	102.2
85	55.8	42.9	64.3
99	61.4	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 50.219 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion:	69	Resp:	74871
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.8	79.2
39	31.0	25.0	37.6

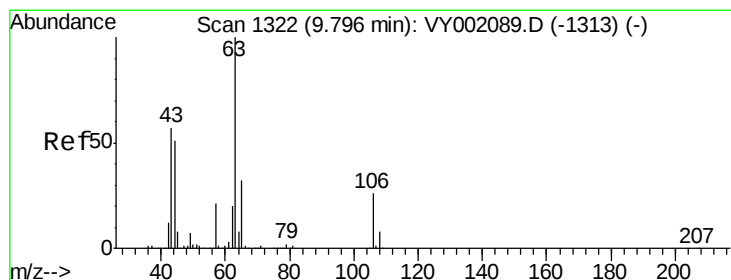
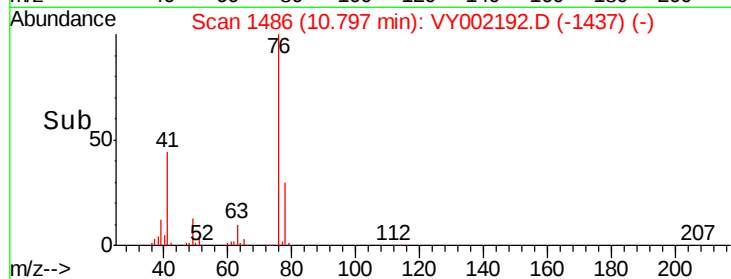
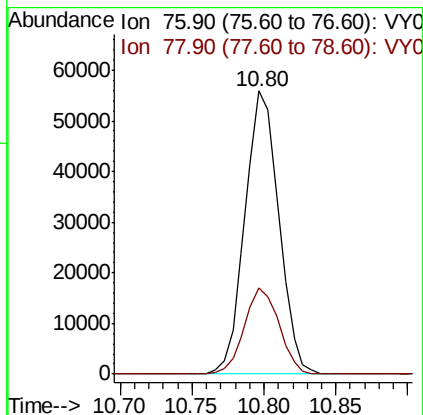
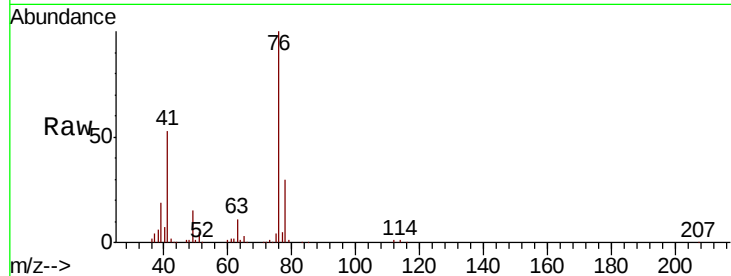




#57
 1,3-Dichloropropane
 Concen: 50.427 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

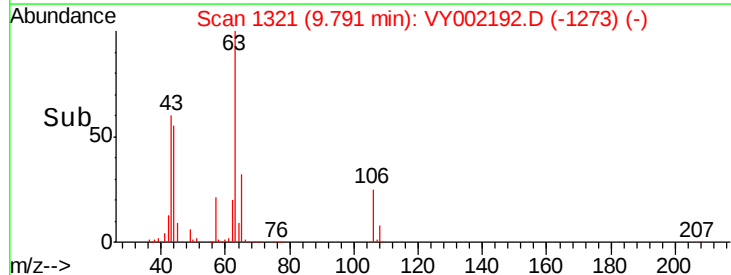
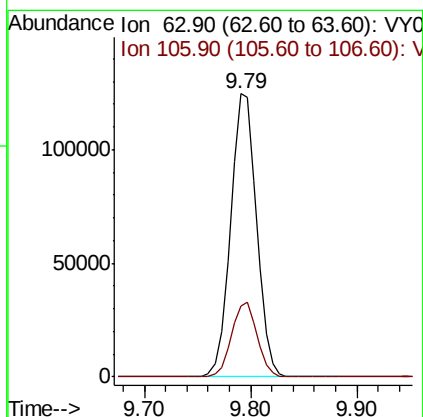
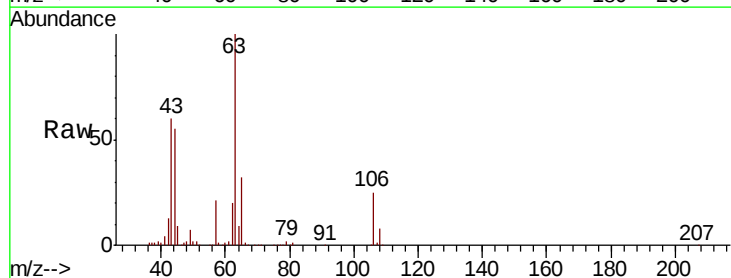
Instrument :
 MSVOA_Y
 ClientSampled :

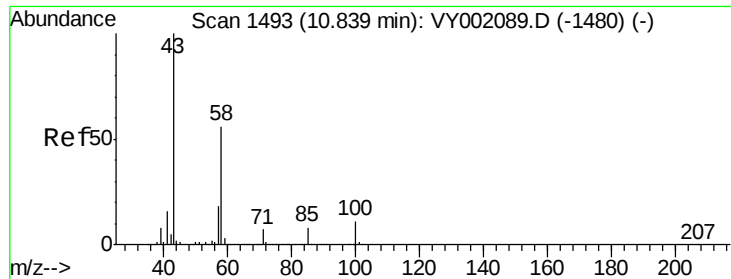
Tot Ion: 76 Resp: 90943
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.848 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion: 63 Resp: 212854
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.0 31.4

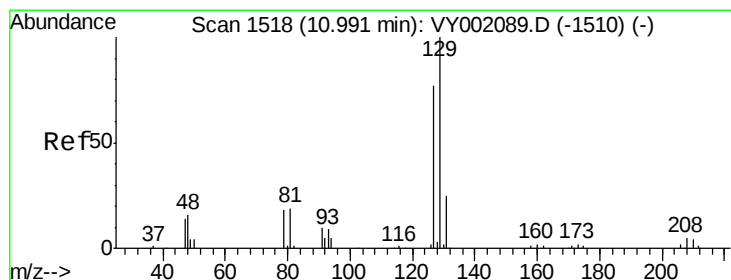
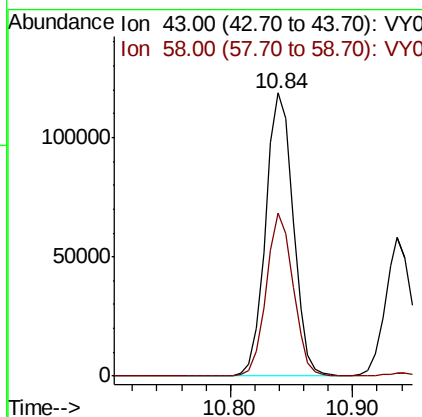
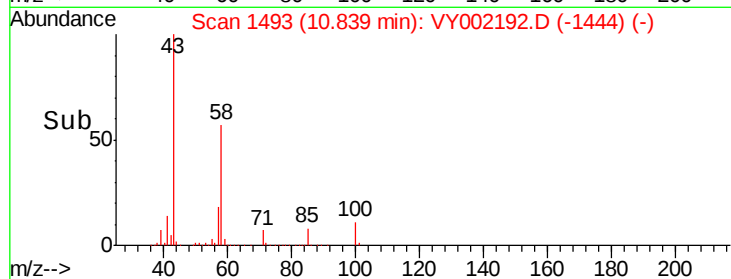
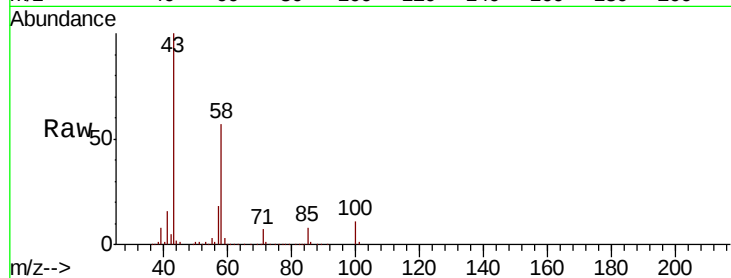




#59
2-Hexanone
Concen: 257.287 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

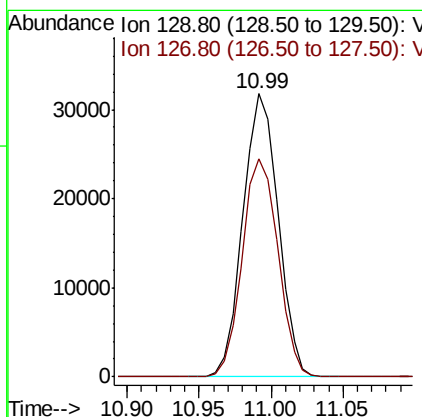
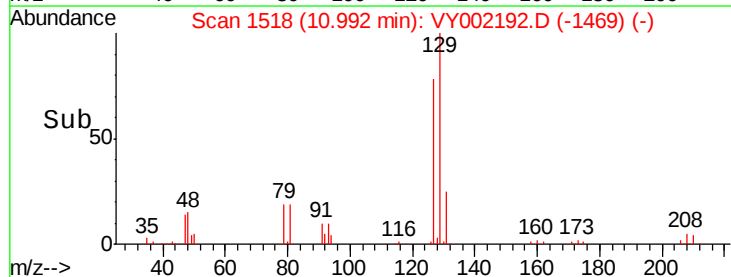
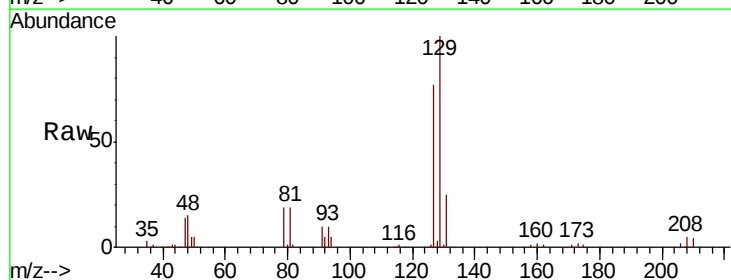
Instrument :
MSVOA_Y
ClientSampled :

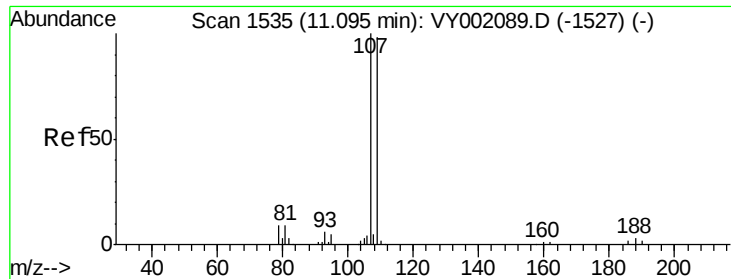
Tot Ion: 43 Resp: 186375
Ion Ratio Lower Upper
43 100
58 56.2 27.9 83.6



#60
Dibromochloromethane
Concen: 50.529 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion:129 Resp: 53972
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1

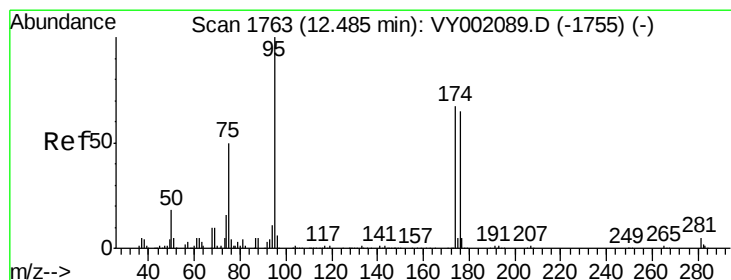
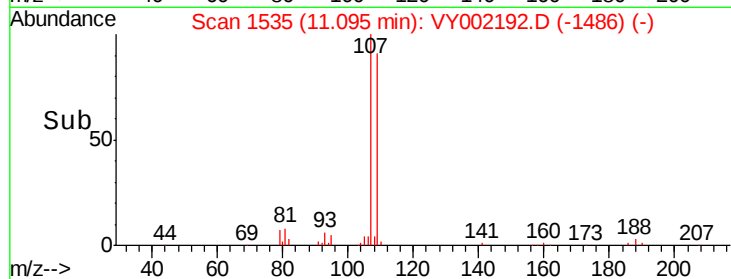
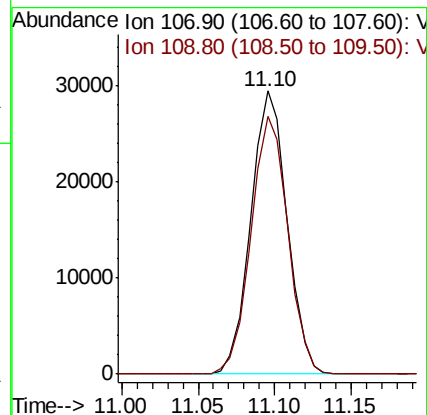
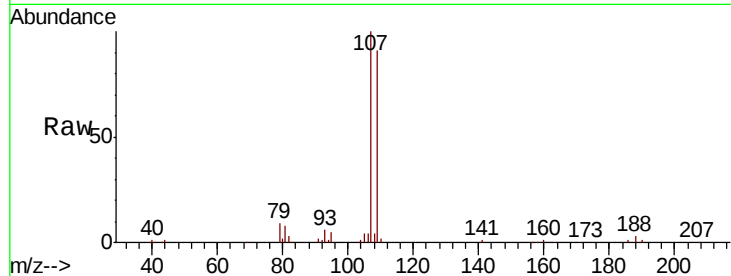




#61
 1,2-Dibromoethane
 Concen: 50.727 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

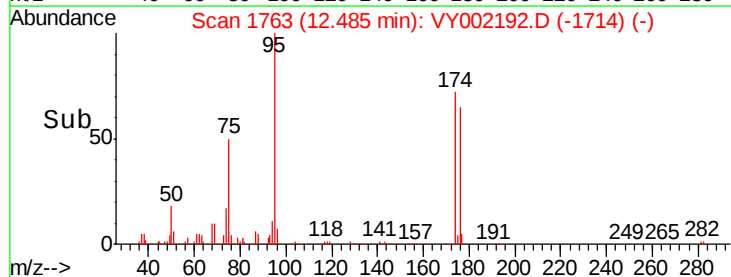
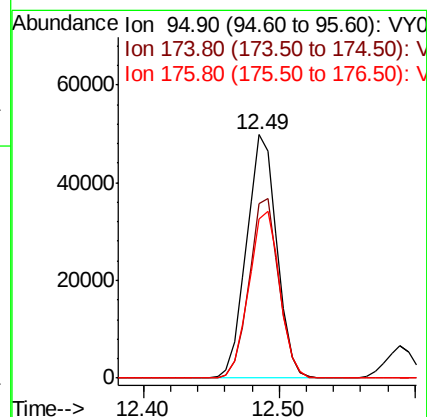
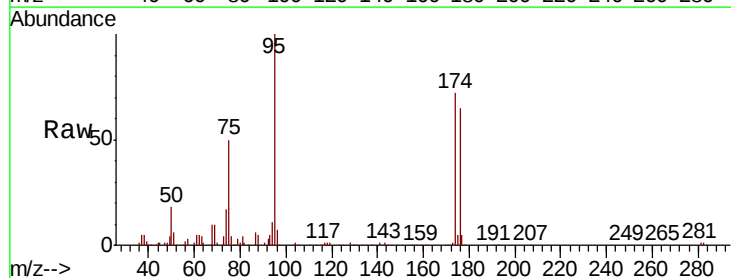
Instrument :
 MSVOA_Y
 ClientSampleId :

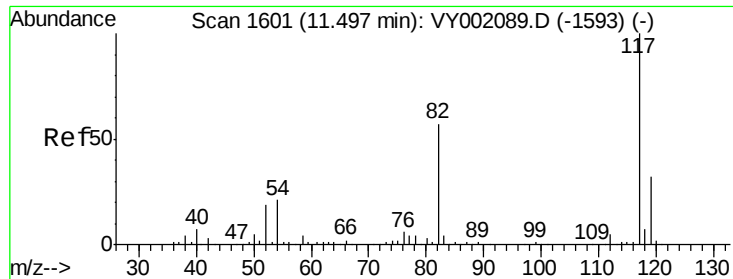
Tot Ion:107 Resp: 48465
 Ion Ratio Lower Upper
 107 100
 109 92.5 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 50.609 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion: 95 Resp: 77557
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 143.4
 176 69.8 0.0 137.0

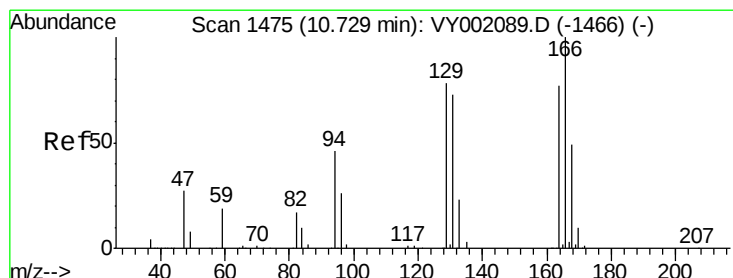
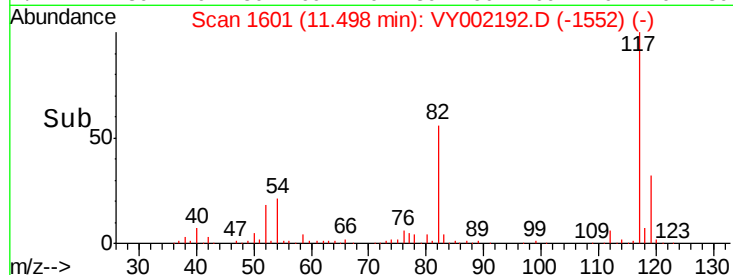
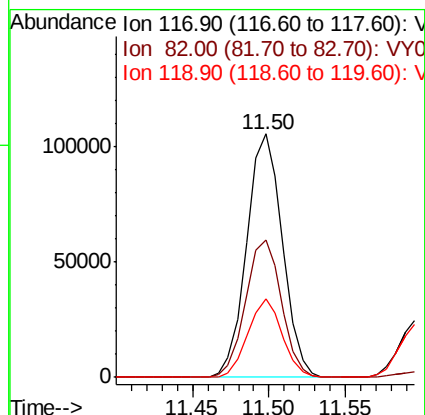
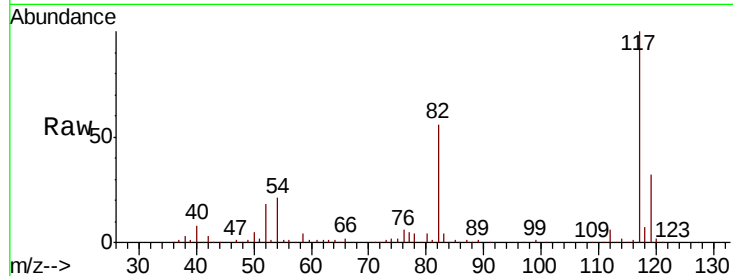




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

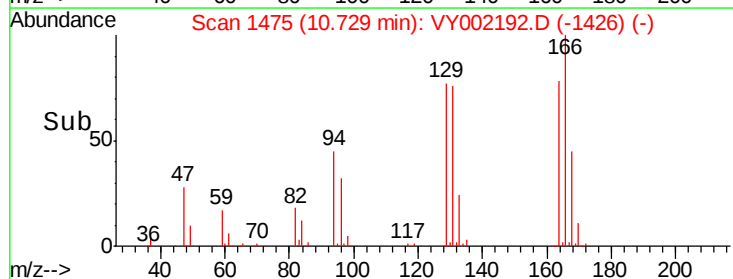
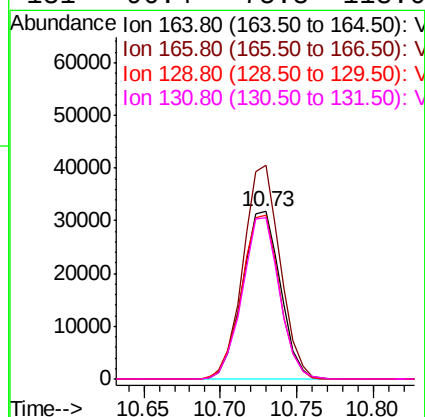
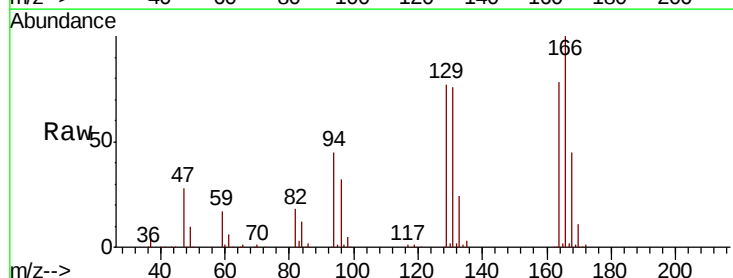
Instrument :
MSVOA_Y
ClientSampled :

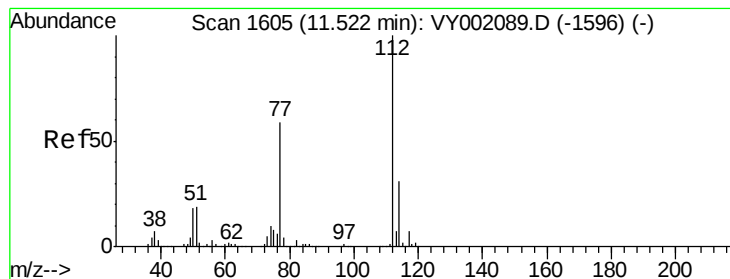
Tot Ion:117 Resp: 171451
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 52.271 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion:164 Resp: 54831
Ion Ratio Lower Upper
164 100
166 127.5 104.0 156.0
129 97.6 81.2 121.8
131 96.4 75.8 113.6





#65

Chlorobenzene

Concen: 49.581 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

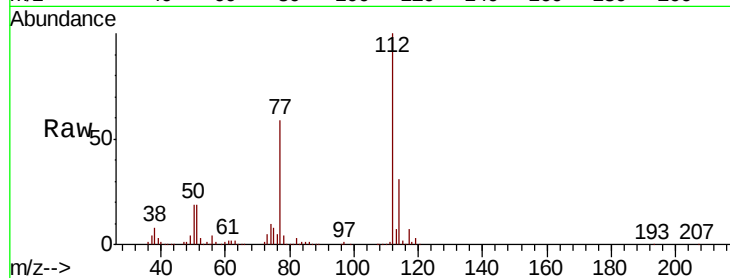
ClientSampled :

Tot Ion:112 Resp: 164089

Ion Ratio Lower Upper

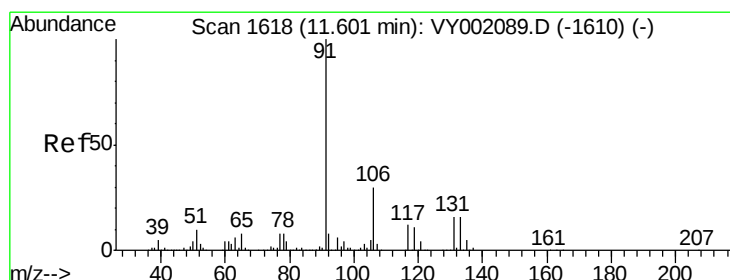
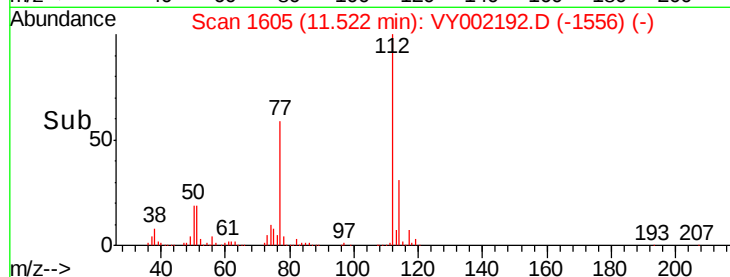
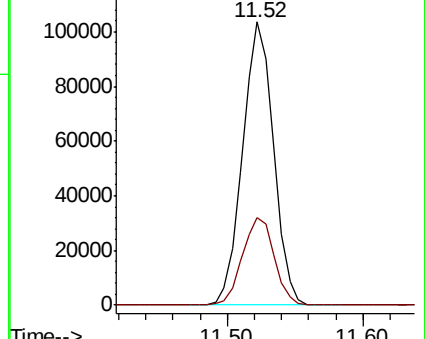
112 100

114 31.0 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.654 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

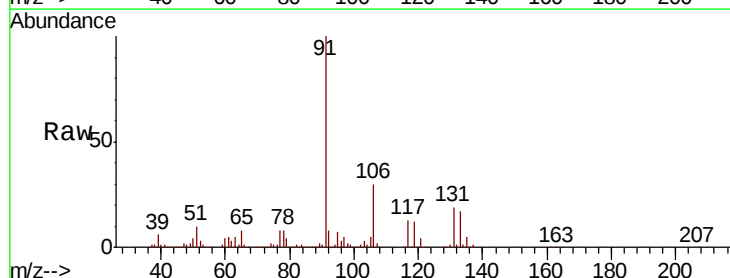
Tgt Ion:131 Resp: 56085

Ion Ratio Lower Upper

131 100

133 93.7 47.5 142.5

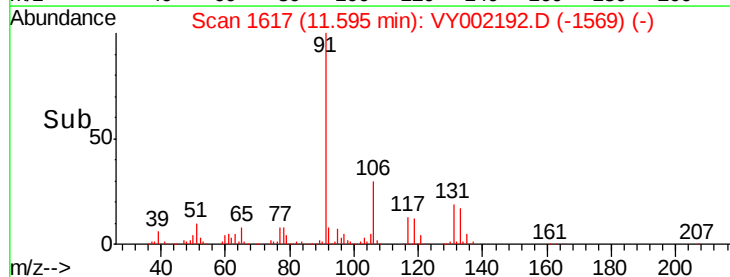
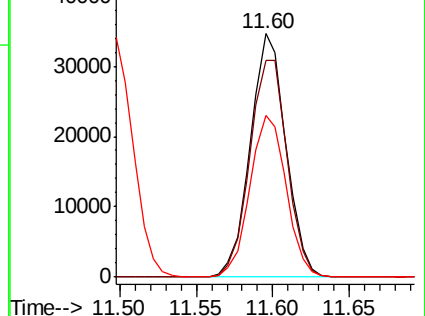
119 67.6 34.6 103.9

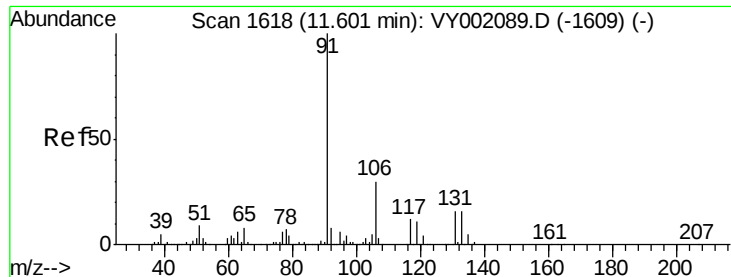


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.742 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

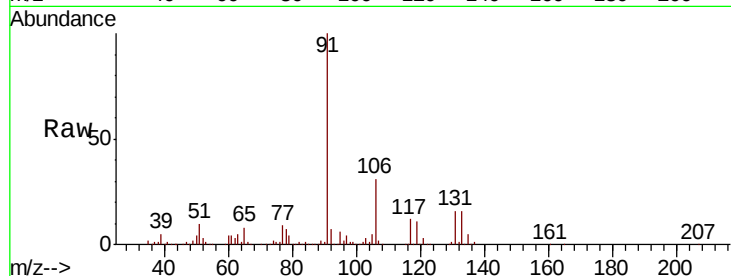
ClientSampled :

Tot Ion: 91 Resp: 305749

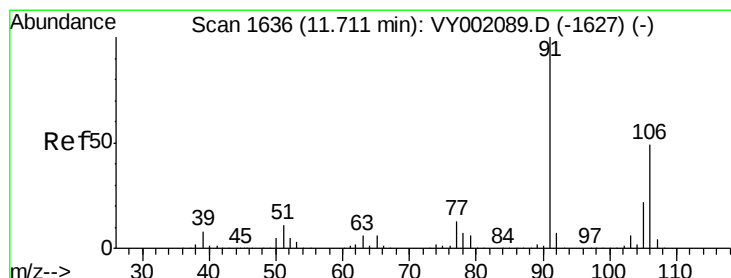
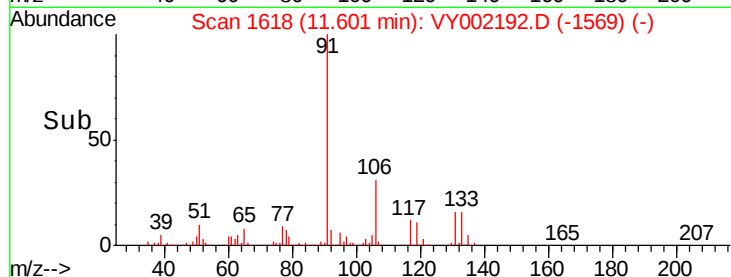
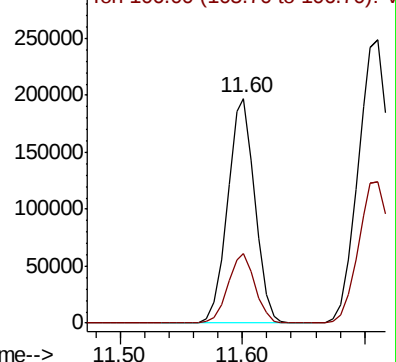
Ion Ratio Lower Upper

91 100

106 30.8 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1609) (-)



#68

m/p-Xylenes

Concen: 100.489 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY002192.D

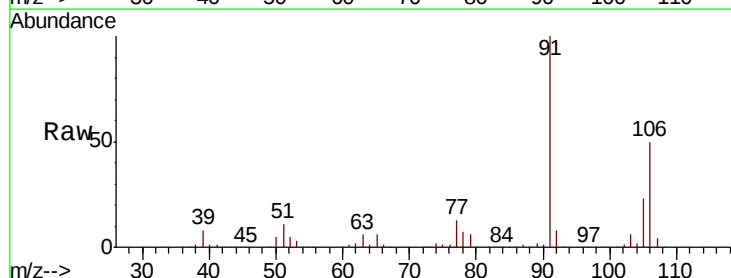
Acq: 02 Apr 2020 15:15

Tgt Ion:106 Resp: 228379

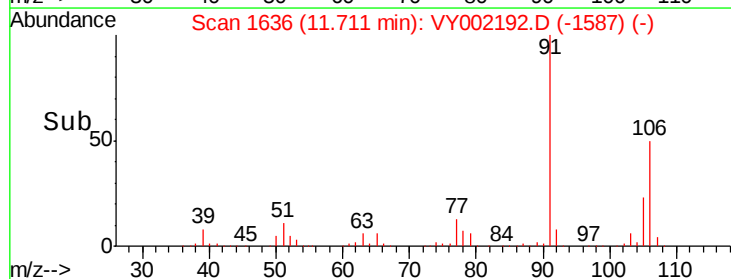
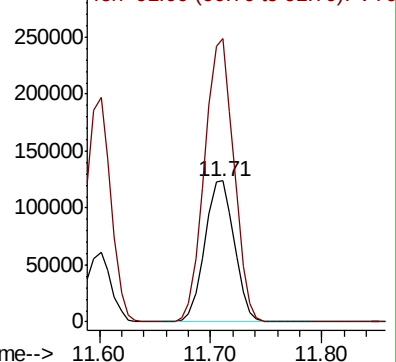
Ion Ratio Lower Upper

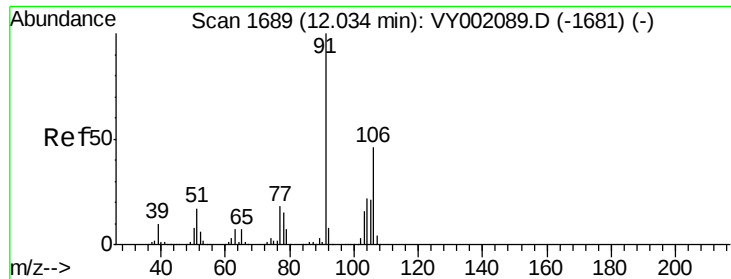
106 100

91 198.7 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): VY002089.D (-1627) (-)

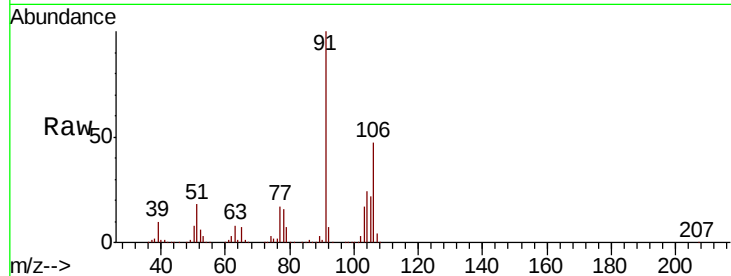




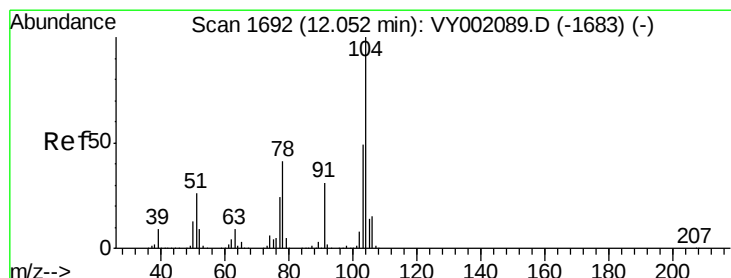
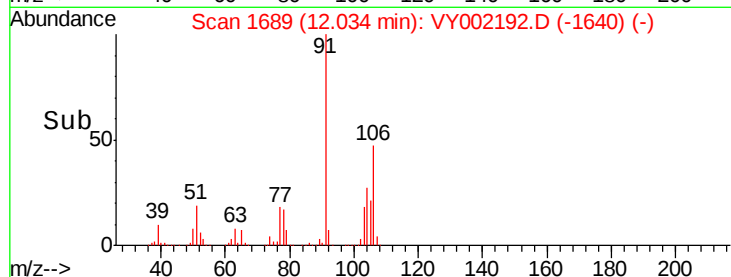
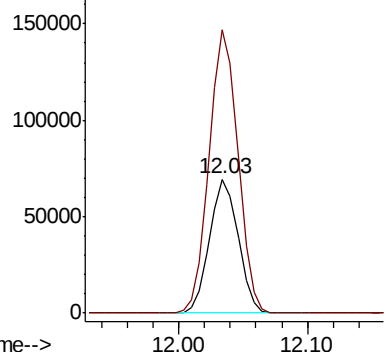
#69
o-Xylene
Concen: 49.824 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 107414
Ion Ratio Lower Upper
106 100
91 212.4 107.3 321.8

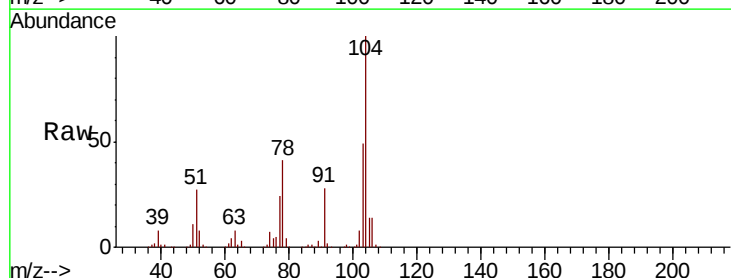


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

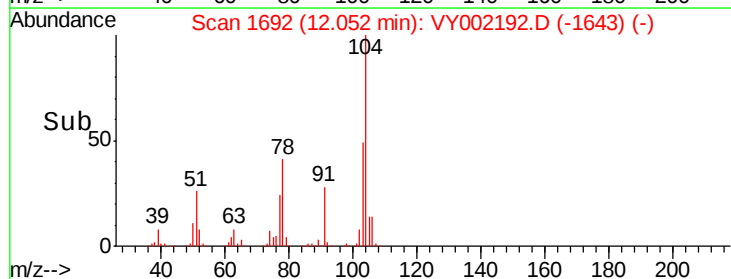
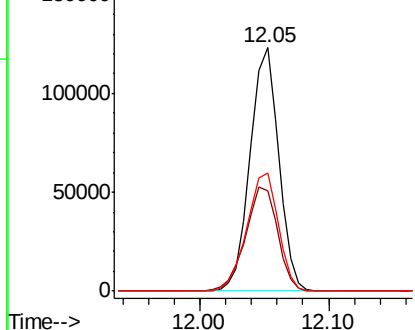


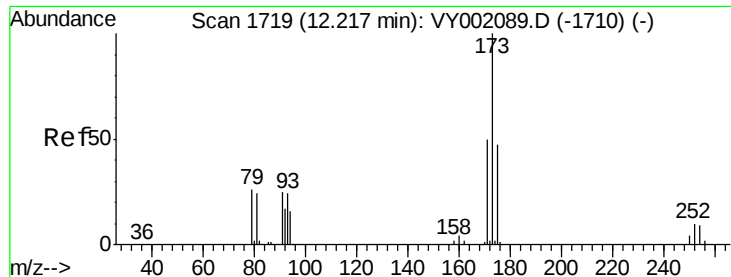
#70
Styrene
Concen: 50.424 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion:104 Resp: 188369
Ion Ratio Lower Upper
104 100
78 48.1 37.9 56.9
103 53.3 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.415 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

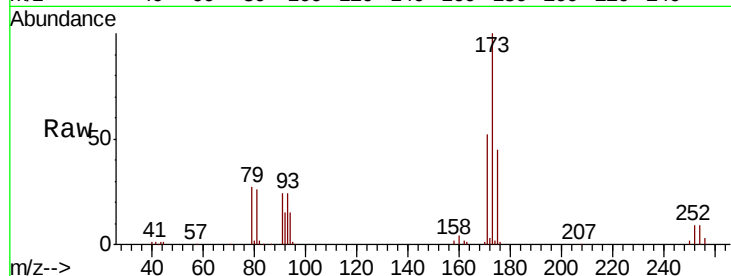
Tot Ion:173 Resp: 30573

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.8

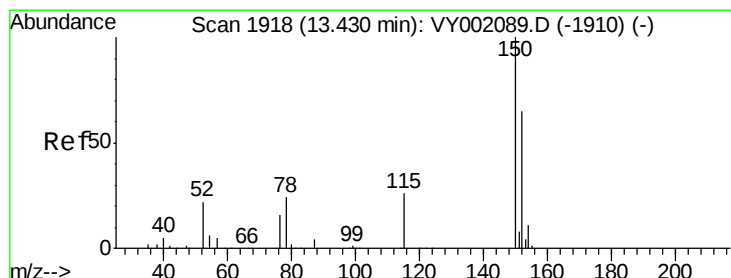
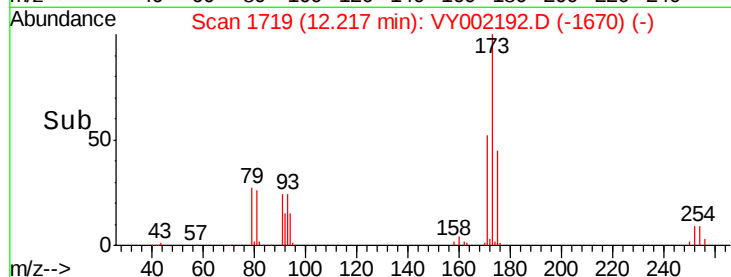
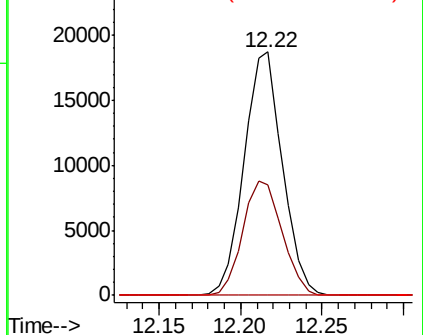
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

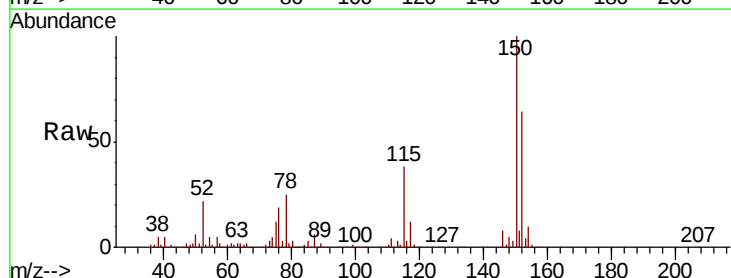
Tgt Ion:152 Resp: 81350

Ion Ratio Lower Upper

152 100

115 61.0 31.2 93.6

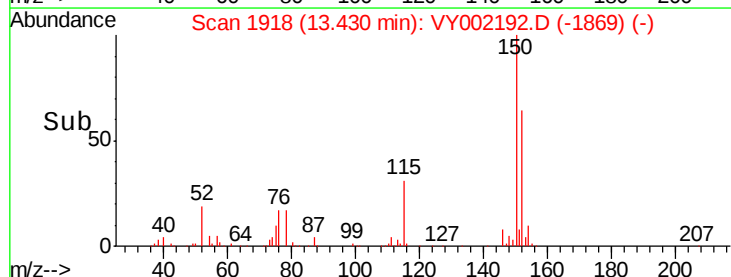
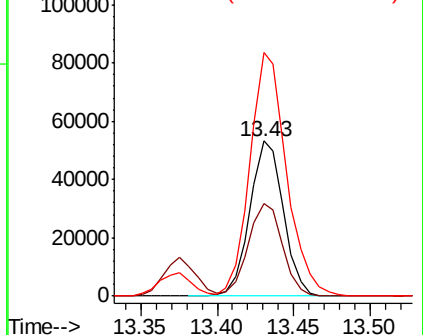
150 170.6 0.0 354.8

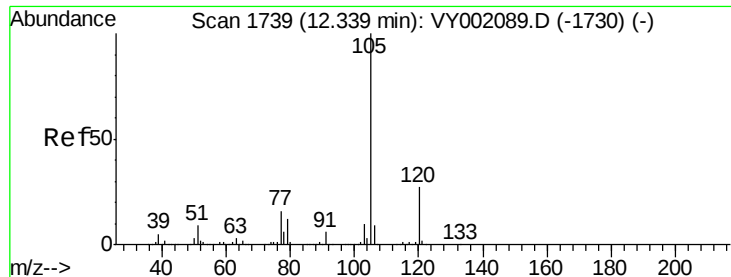


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.164 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

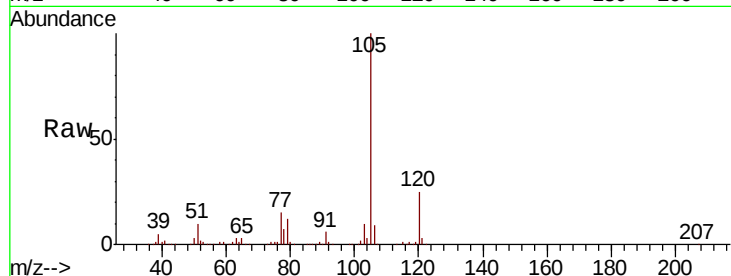
ClientSampleId :

Tot Ion:105 Resp: 290653

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

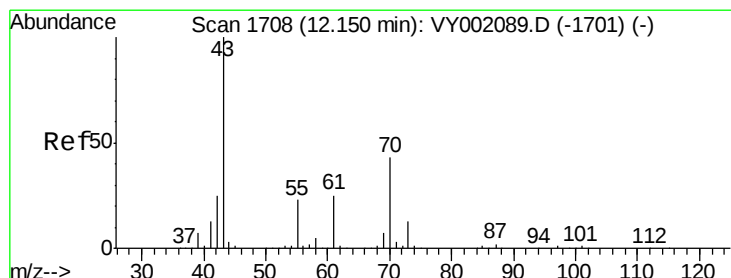
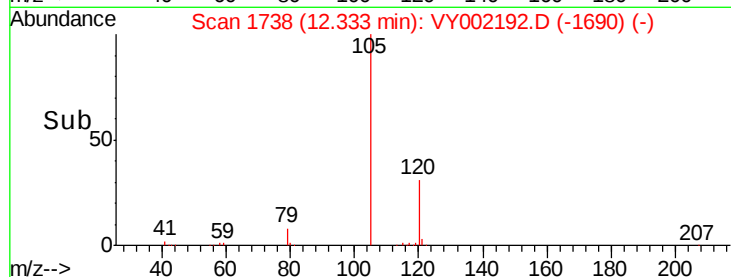
0

12.30

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 47.456 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Tgt Ion: 43 Resp: 90321

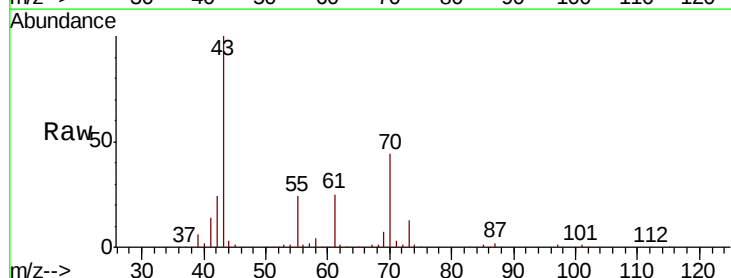
Ion Ratio Lower Upper

43 100

70 44.4 35.0 52.4

55 23.6 18.7 28.1

61 25.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

100000

80000

60000

40000

20000

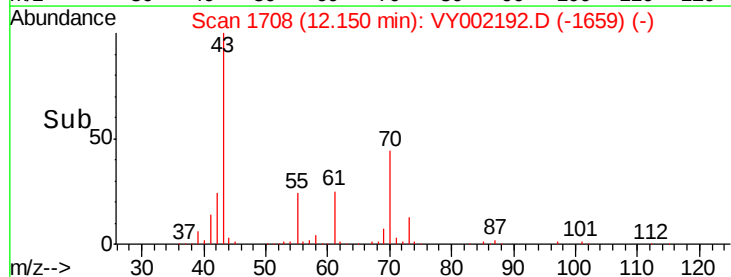
0

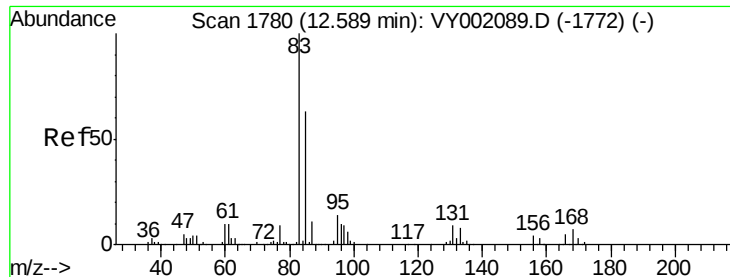
12.10

12.15

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.962 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

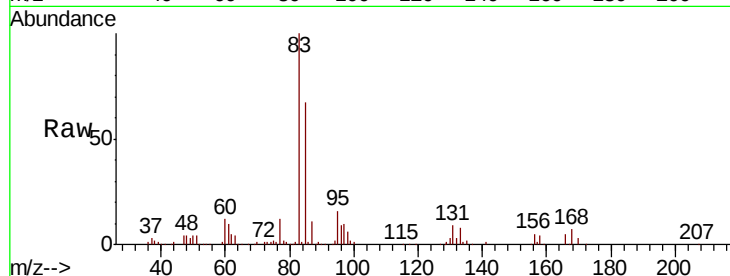
Tot Ion: 83 Resp: 62281

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.1

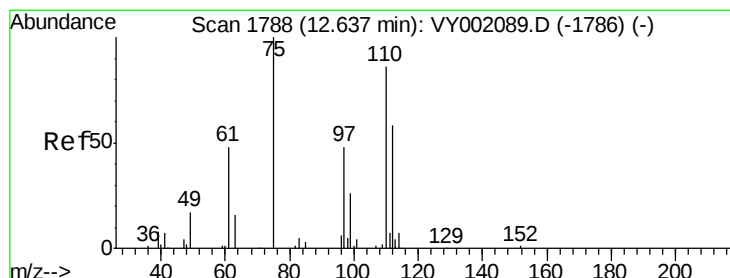
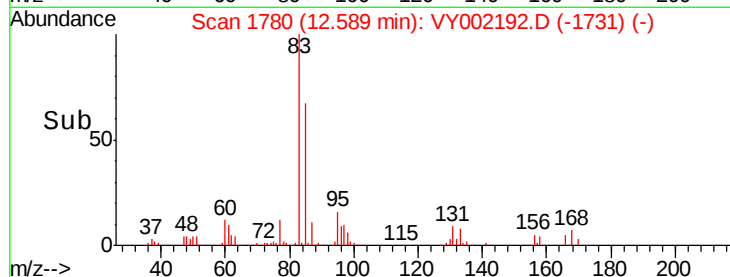
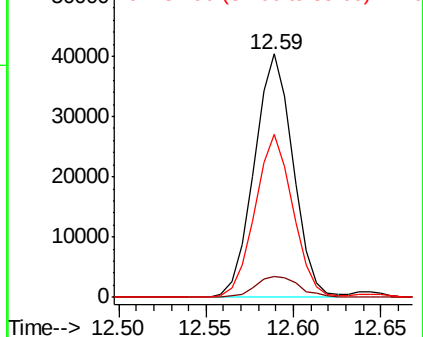
85 65.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY002192.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY002192.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY002192.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 90.162 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002192.D

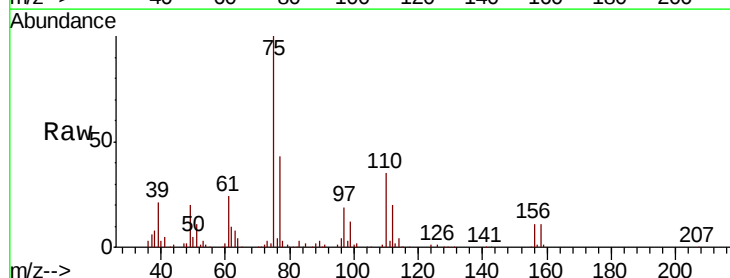
Acq: 02 Apr 2020 15:15

Tgt Ion: 75 Resp: 82045

Ion Ratio Lower Upper

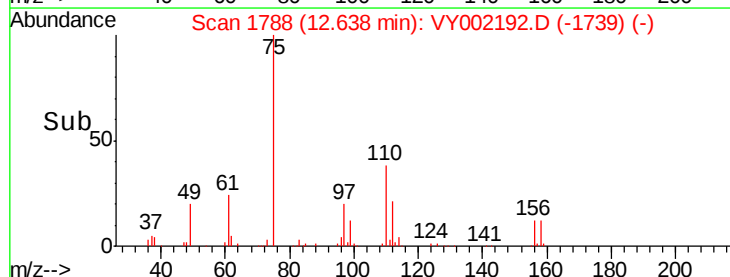
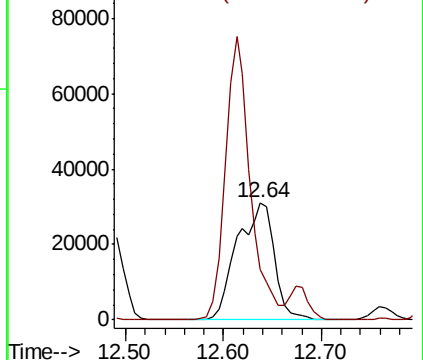
75 100

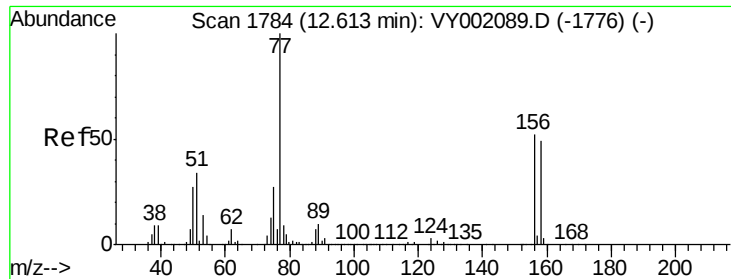
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002192.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002192.D (-1739) (-)





#77

Bromobenzene

Concen: 48.908 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

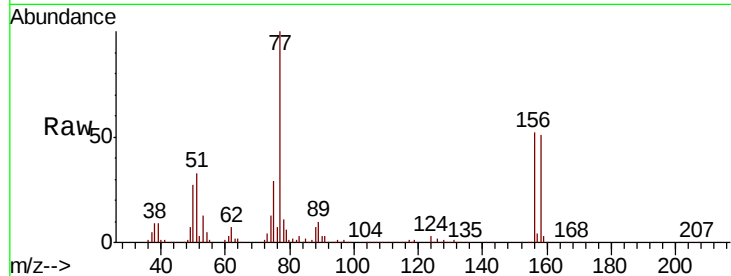
Tot Ion:156 Resp: 63004

Ion Ratio Lower Upper

156 100

77 209.3 107.8 323.6

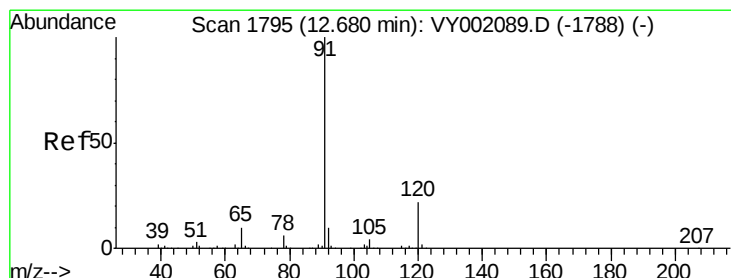
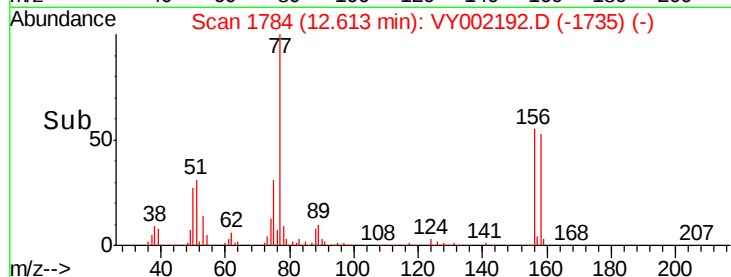
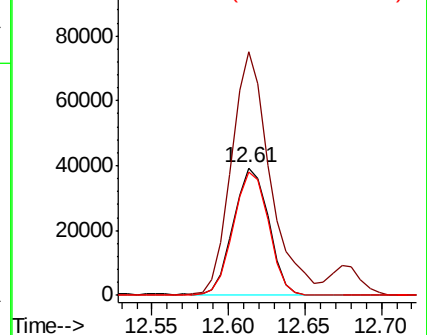
158 96.4 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.909 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002192.D

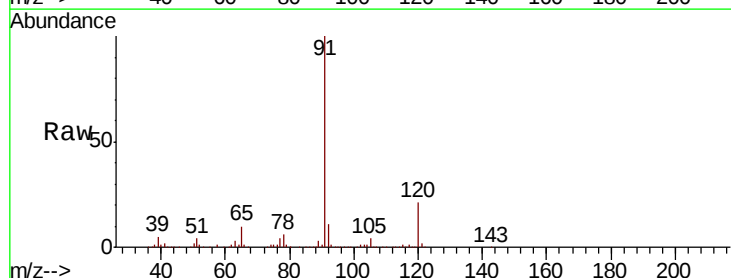
Acq: 02 Apr 2020 15:15

Tgt Ion: 91 Resp: 358777

Ion Ratio Lower Upper

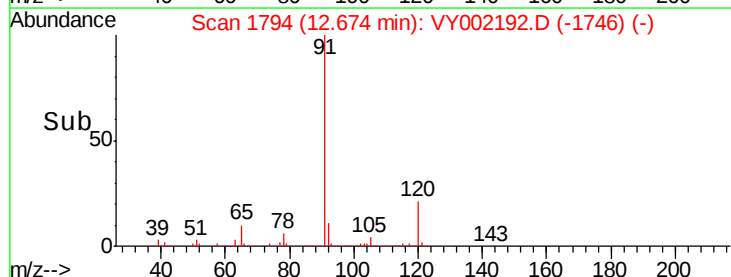
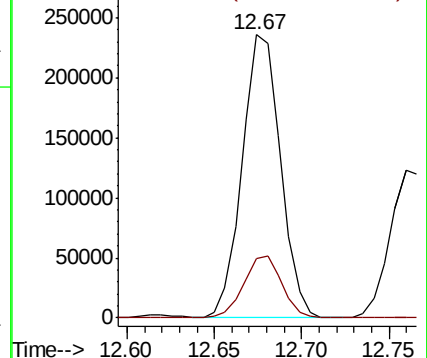
91 100

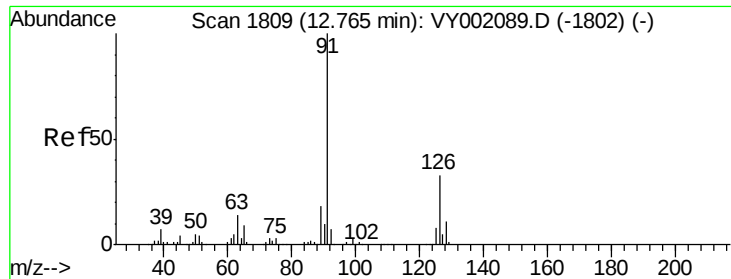
120 21.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.075 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

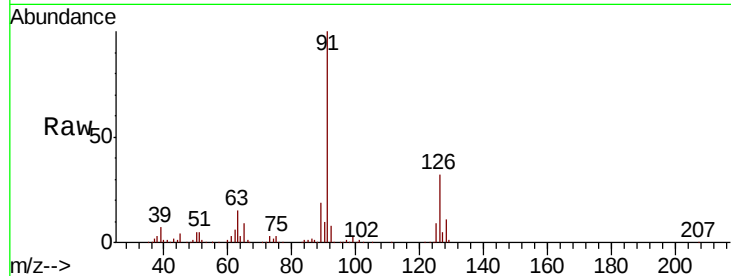
ClientSampleId :

Tot Ion: 91 Resp: 197675

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

150000

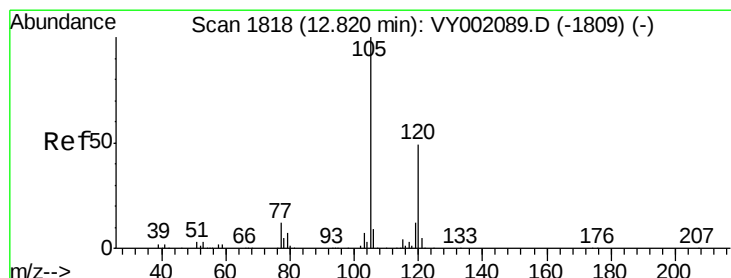
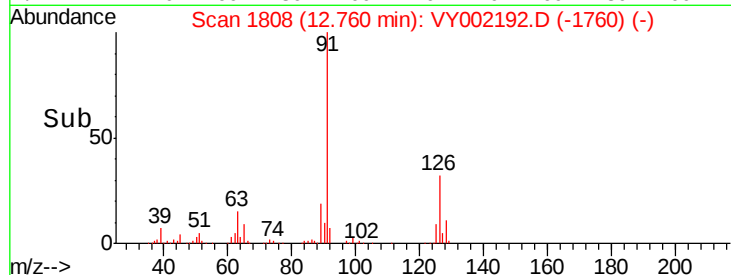
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.119 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002192.D

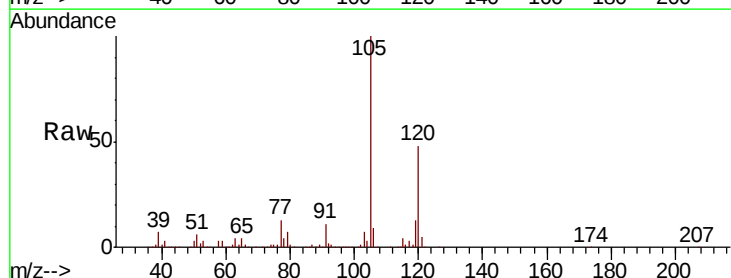
Acq: 02 Apr 2020 15:15

Tgt Ion:105 Resp: 239575

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

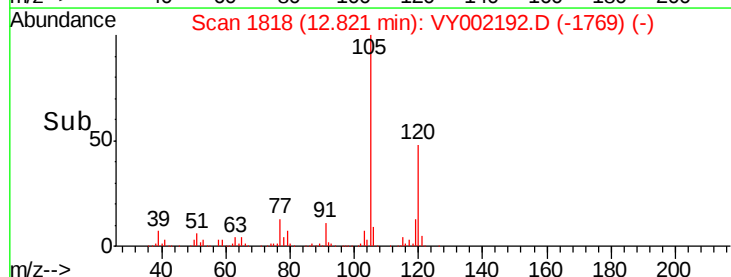
100000

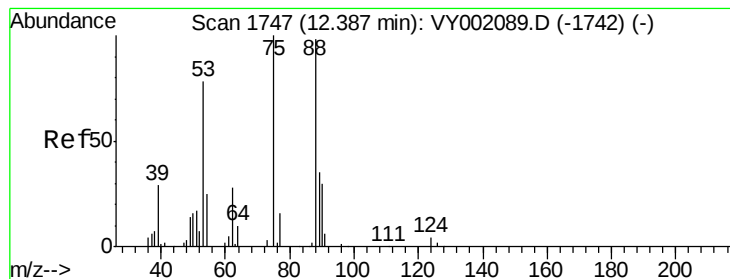
50000

0

12.80 12.82 12.84

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 47.026 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

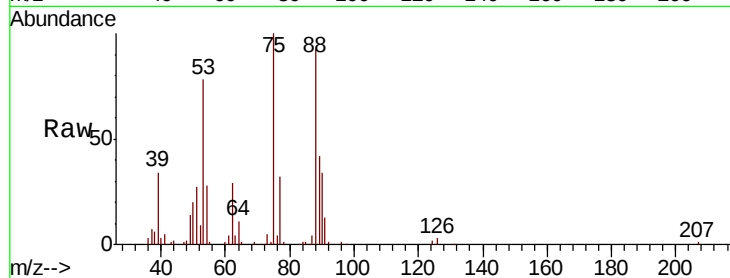
Tot Ion: 75 Resp: 22088

Ion Ratio Lower Upper

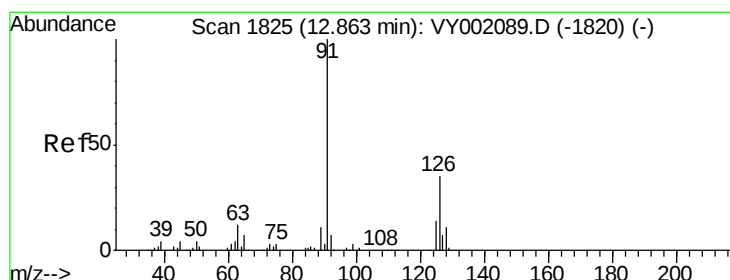
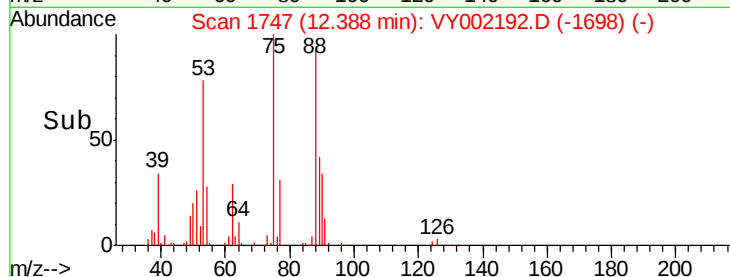
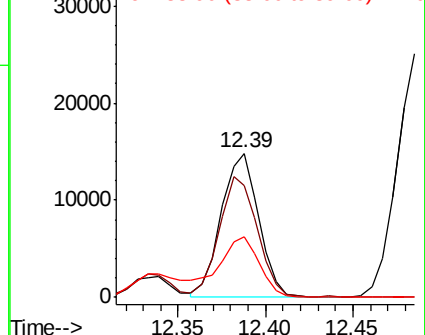
75 100

53 85.7 65.0 97.4

89 45.6 33.4 50.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 47.379 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002192.D

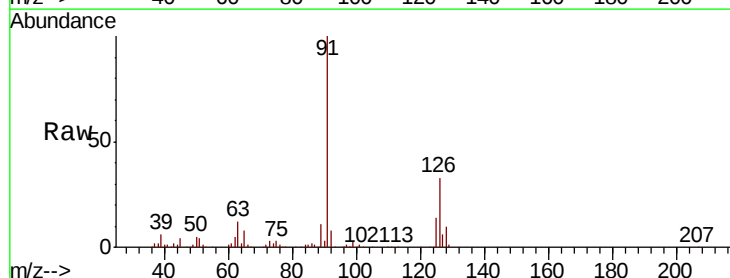
Acq: 02 Apr 2020 15:15

Tgt Ion: 91 Resp: 205287

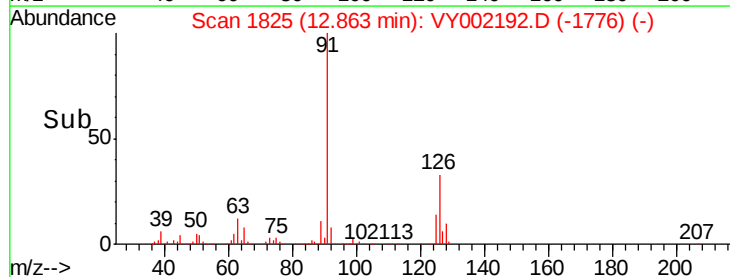
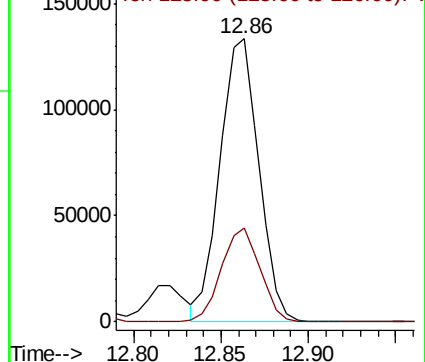
Ion Ratio Lower Upper

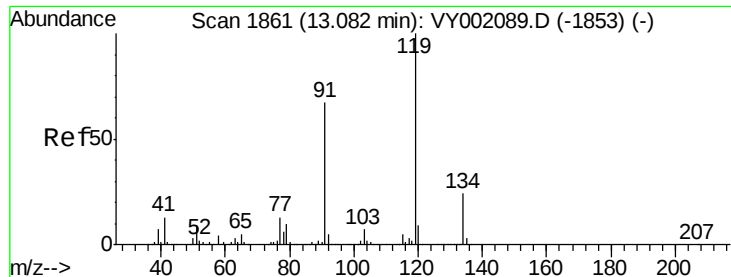
91 100

126 33.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): VY0

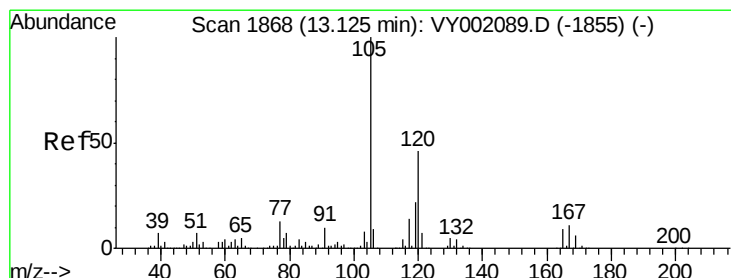
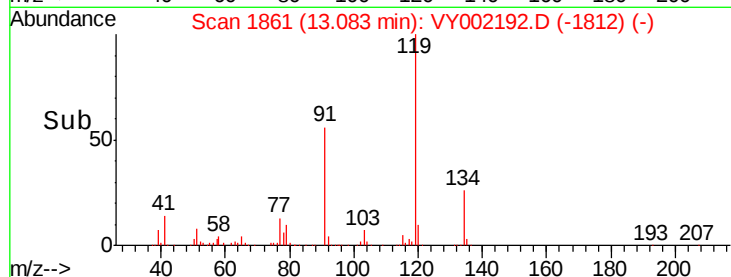
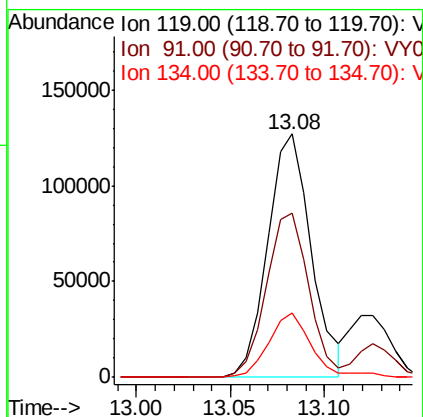
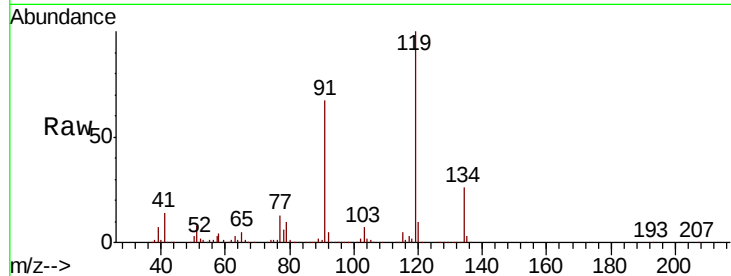




#83
tert-Butylbenzene
Concen: 48.817 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

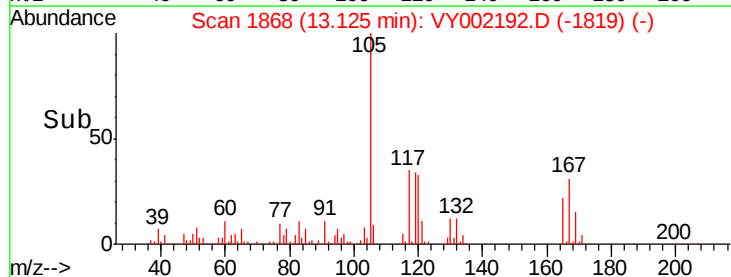
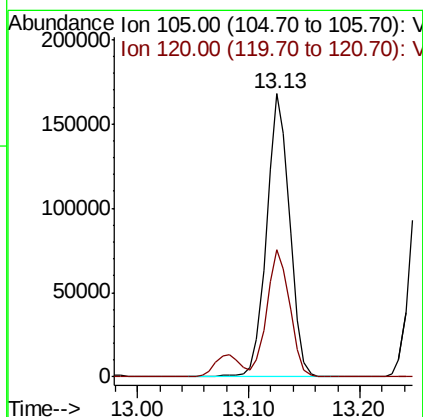
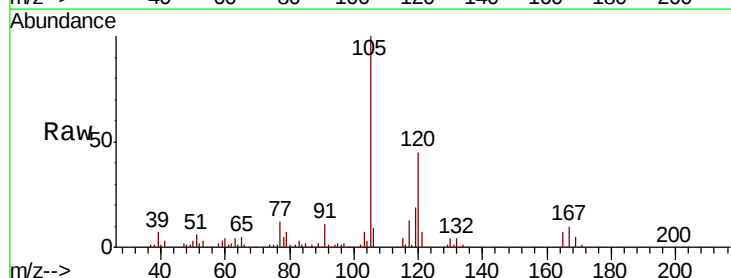
Instrument :
MSVOA_Y
ClientSampleId :

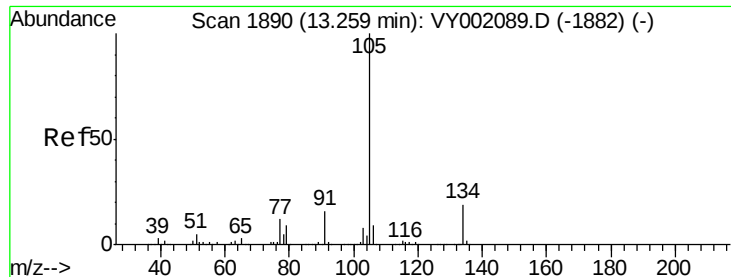
Tot Ion:119 Resp: 202874
Ion Ratio Lower Upper
119 100
91 65.9 32.9 98.6
134 26.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 48.750 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion:105 Resp: 242166
Ion Ratio Lower Upper
105 100
120 44.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 48.939 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

Instrument :

MSVOA_Y

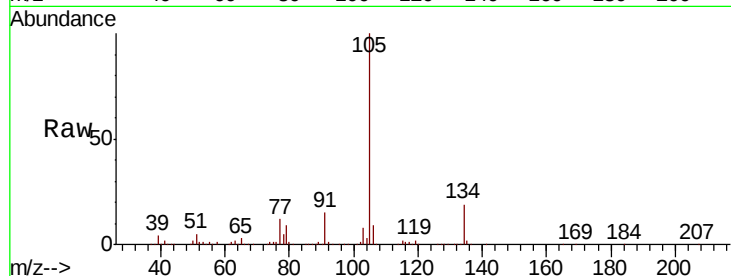
ClientSampled :

Tot Ion:105 Resp: 301243

Ion Ratio Lower Upper

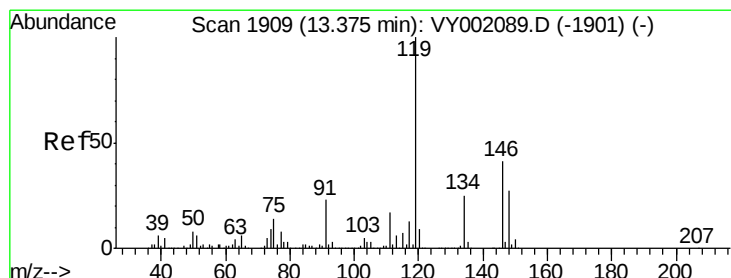
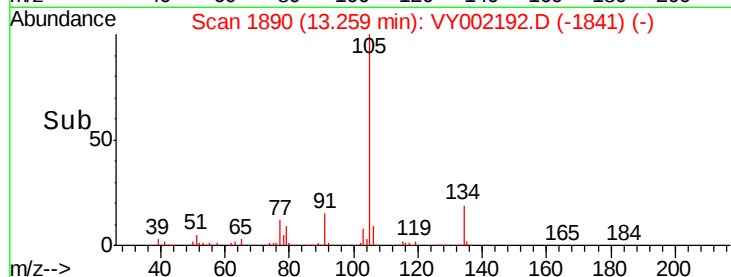
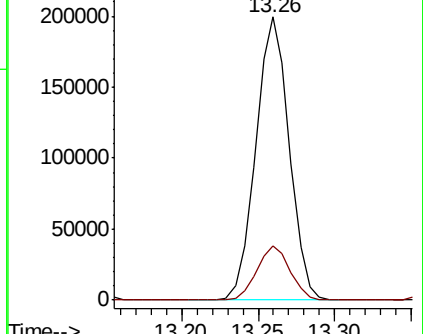
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.379 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002192.D

Acq: 02 Apr 2020 15:15

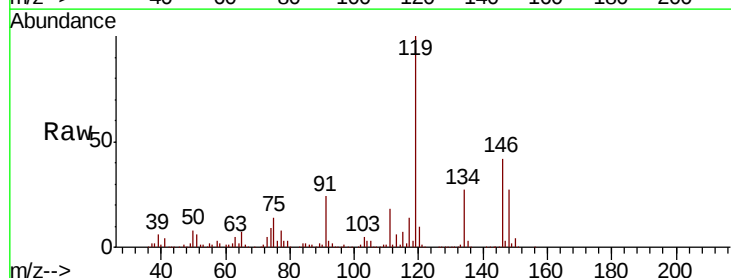
Tgt Ion:119 Resp: 261015

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

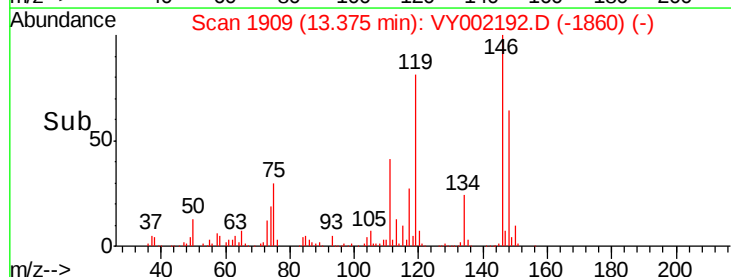
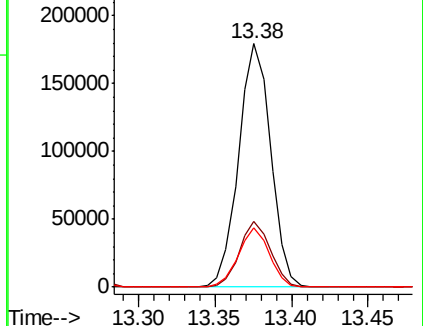
91 23.4 11.8 35.3

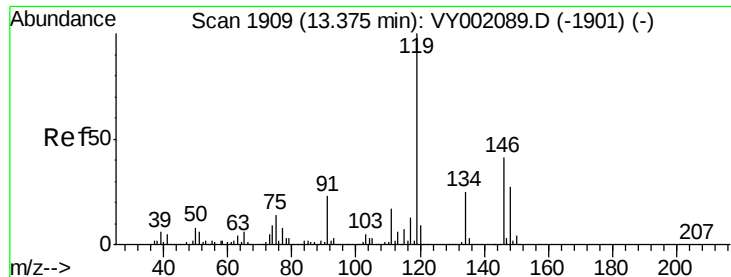


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

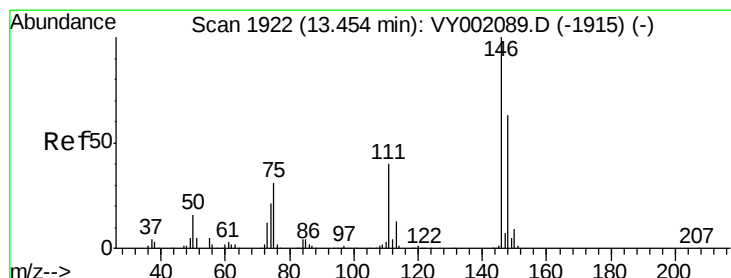
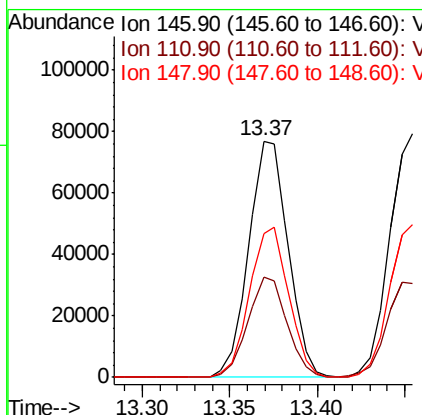
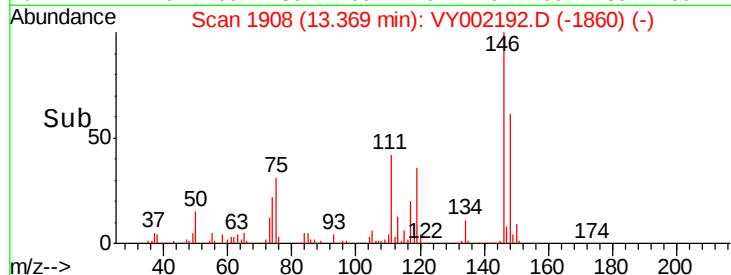
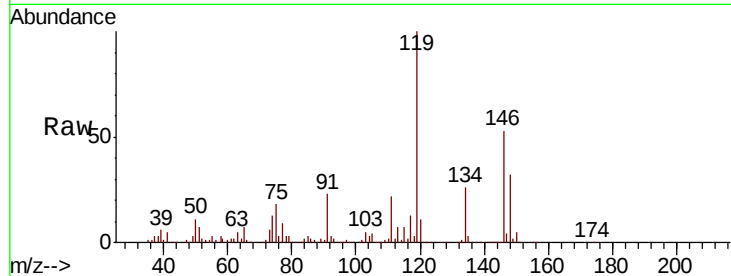




#87
 1,3-Dichlorobenzene
 Concen: 47.873 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

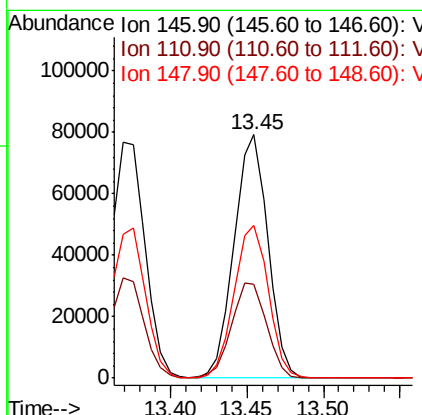
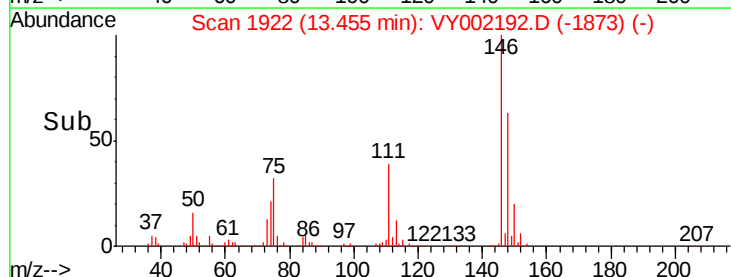
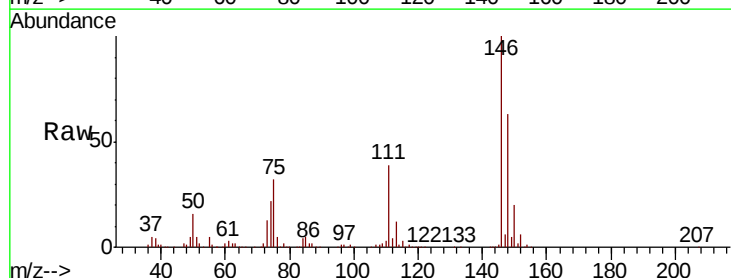
Instrument :
 MSVOA_Y
 ClientSampled :

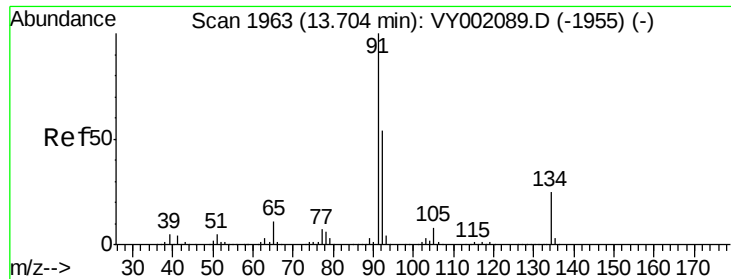
Tot Ion:146 Resp: 120645
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.9 62.8
 148 63.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.850 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion:146 Resp: 121345
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.9
 148 63.8 31.5 94.5

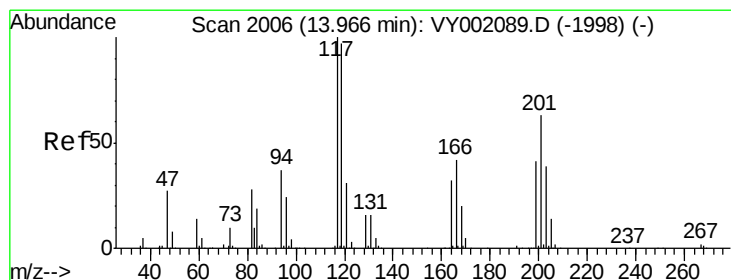
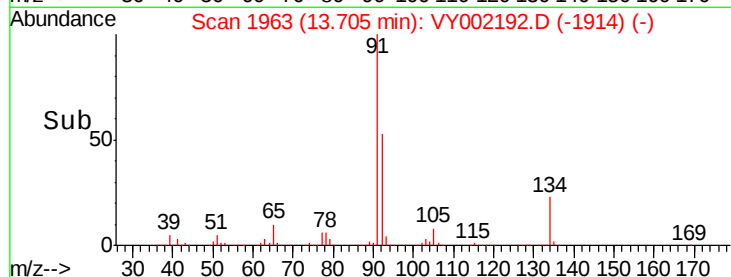
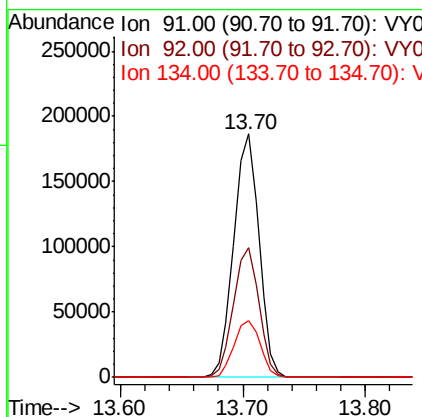
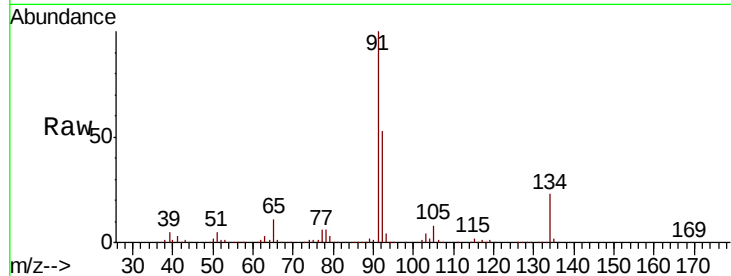




#89
n-Butylbenzene
Concen: 48.225 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

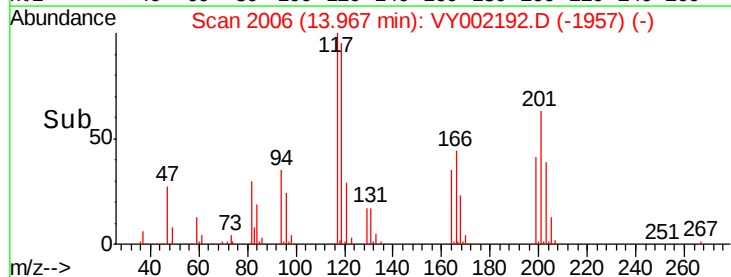
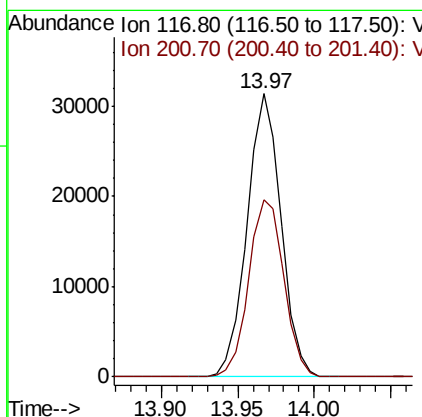
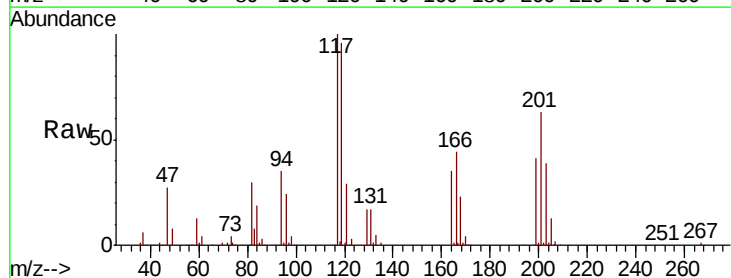
Instrument :
MSVOA_Y
ClientSampleId :

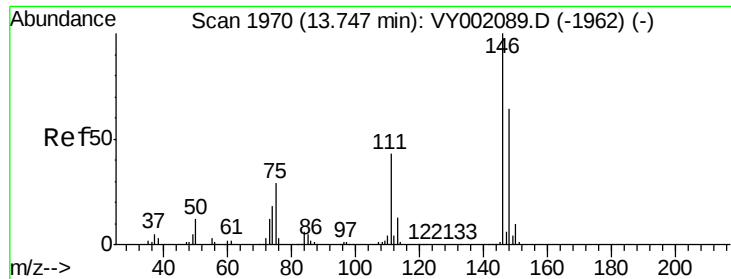
Tot Ion: 91 Resp: 265605
Ion Ratio Lower Upper
91 100
92 53.8 27.0 81.0
134 24.2 12.3 36.8



#90
Hexachloroethane
Concen: 48.621 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion: 117 Resp: 48429
Ion Ratio Lower Upper
117 100
201 64.8 31.6 94.8

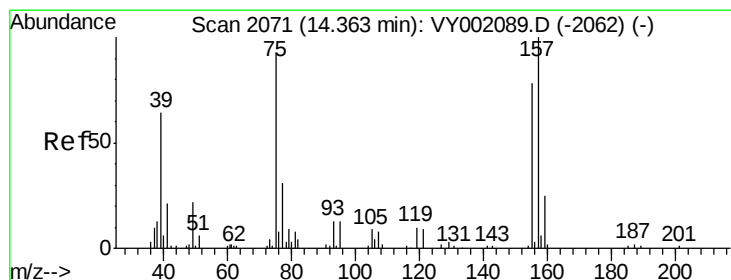
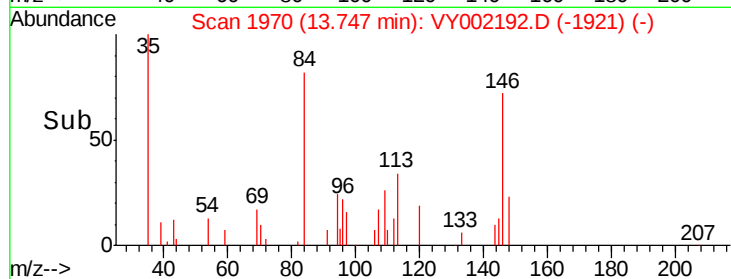
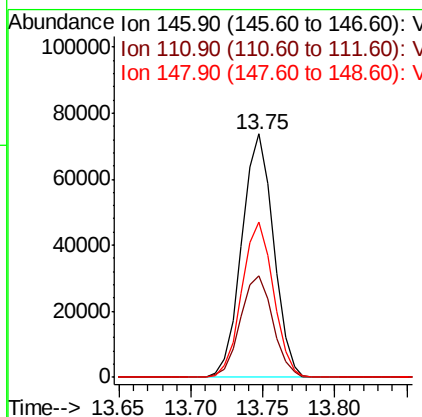
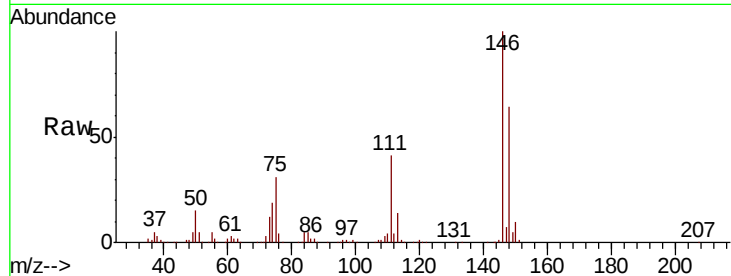




#91
 1,2-Dichlorobenzene
 Concen: 48.402 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

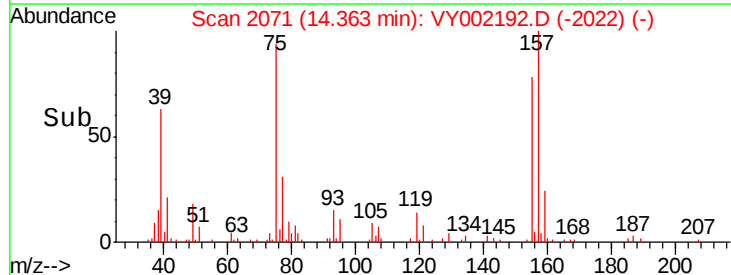
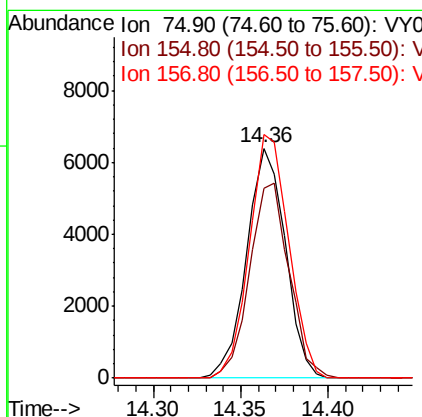
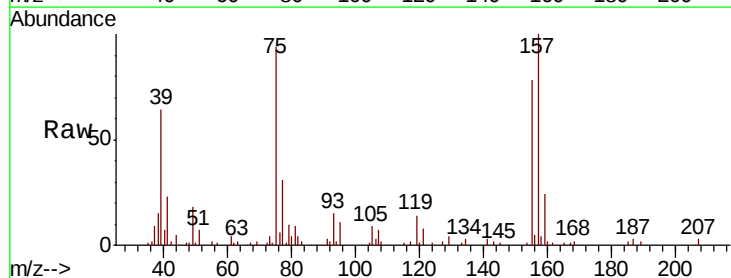
Instrument :
 MSVOA_Y
 ClientSampleId :

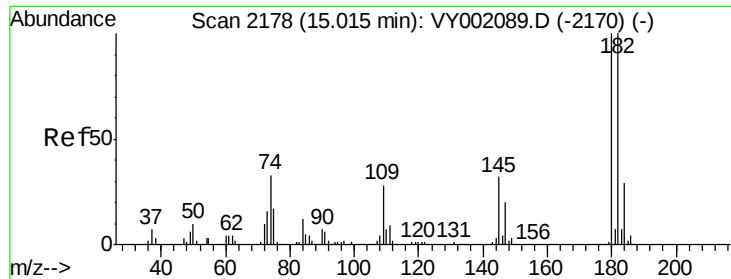
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	63.7
148	63.3	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.311 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.7	41.6	124.9
157	107.7	53.4	160.3

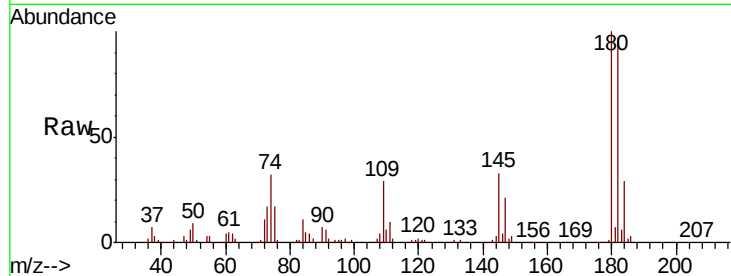




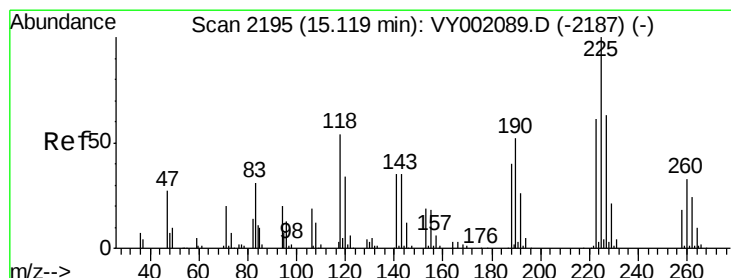
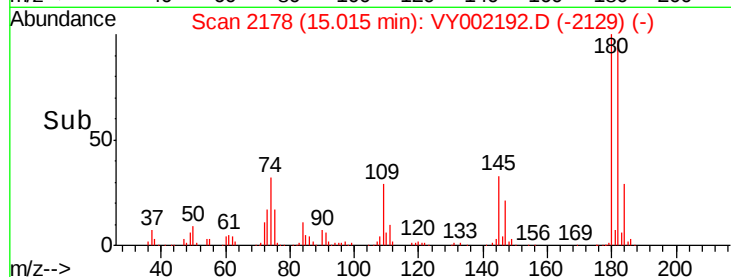
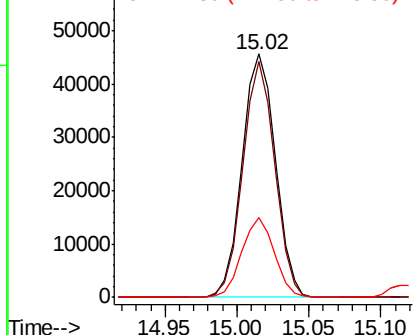
#93
 1,2,4-Trichlorobenzene
 Concen: 48.518 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.1	144.3
145	32.3	15.9	47.6

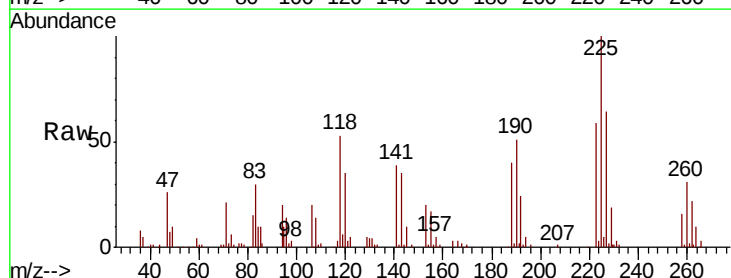


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

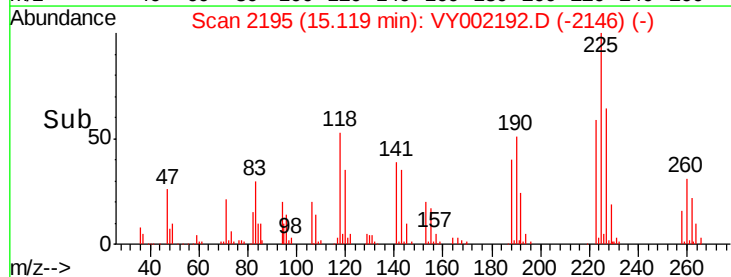
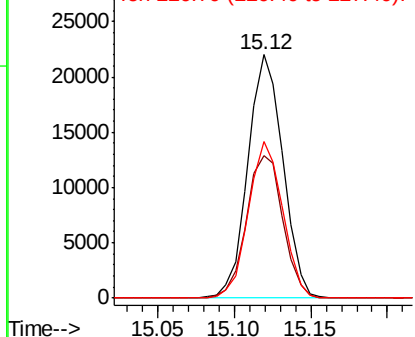


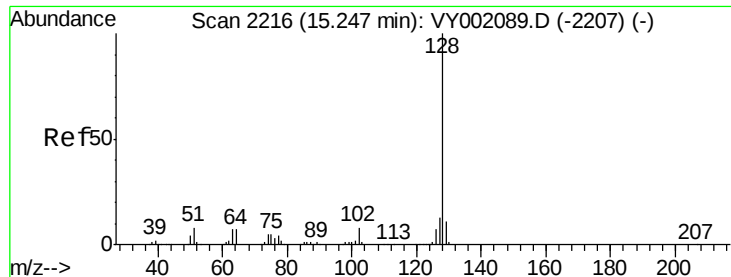
#94
 Hexachlorobutadiene
 Concen: 47.396 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002192.D
 Acq: 02 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.1	93.3
227	62.9	31.6	94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

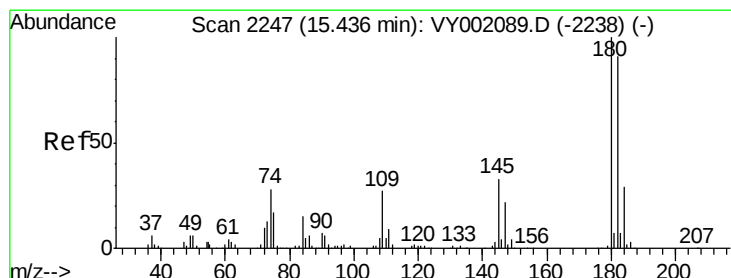
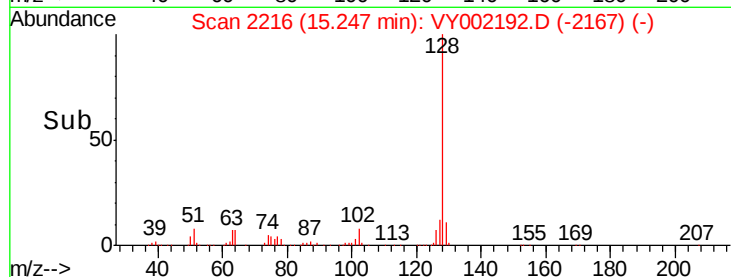
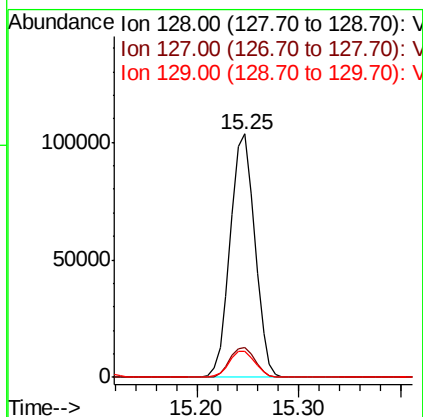
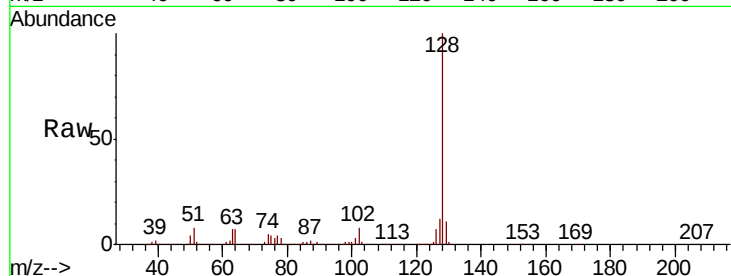




#95
Naphthalene
Concen: 48.495 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 172779
Ion Ratio Lower Upper
128 100
127 12.7 9.8 14.8
129 11.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.138 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002192.D
Acq: 02 Apr 2020 15:15

Tgt Ion:180 Resp: 64121
Ion Ratio Lower Upper
180 100
182 95.8 46.8 140.3
145 34.6 16.7 50.1

