

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003188.D
 Acq On : 14 Jul 2020 12:10
 Operator : SY/MD
 Sample : VY0714SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

Quant Time: Jul 15 04:12:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	466068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	686481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	627731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	331054	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	196316	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	7.72	113	188776	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	10.18	98	696739	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
62) 4-Bromofluorobenzene	12.48	95	251035	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	78603	23.531	ug/l	95
3) Chloromethane	2.12	50	104031	22.452	ug/l	99
4) Vinyl Chloride	2.26	62	104279	21.935	ug/l	99
5) Bromomethane	2.65	94	79415	22.490	ug/l	98
6) Chloroethane	2.79	64	67429	21.595	ug/l	96
7) Trichlorofluoromethane	3.13	101	147392	21.710	ug/l	97
8) Diethyl Ether	3.54	74	48867	21.480	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	88197	21.510	ug/l	97
10) Methyl Iodide	4.10	142	82962	18.623	ug/l	99
11) Tert butyl alcohol	4.97	59	45676	107.380	ug/l	99
12) 1,1-Dichloroethene	3.88	96	83793	21.606	ug/l	98
13) Acrolein	3.73	56	35186	95.302	ug/l	95
14) Allyl chloride	4.49	41	129720	22.541	ug/l	98
15) Acrylonitrile	5.17	53	118992	108.884	ug/l	98
16) Acetone	3.96	43	93734	106.675	ug/l	97
17) Carbon Disulfide	4.20	76	256544	21.557	ug/l	98
18) Methyl Acetate	4.49	43	54948	22.518	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	228773	21.049	ug/l	99
20) Methylene Chloride	4.72	84	113250	22.605	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	90718	20.681	ug/l	92
22) Diisopropyl ether	6.13	45	284640	22.286	ug/l	96
23) Vinyl Acetate	6.07	43	927503	108.954	ug/l	99
24) 1,1-Dichloroethane	6.02	63	162298	21.934	ug/l	99
25) 2-Butanone	6.99	43	152632	105.794	ug/l	93
26) 2,2-Dichloropropane	6.99	77	145062	21.769	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	101665	21.050	ug/l	97
28) Bromochloromethane	7.34	49	70726	22.077	ug/l	97
29) Tetrahydrofuran	7.35	42	104785	108.115	ug/l	97
30) Chloroform	7.51	83	162822	21.365	ug/l	95
31) Cyclohexane	7.79	56	156148	21.823	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	147379	21.481	ug/l	98
36) 1,1-Dichloropropene	7.92	75	129203	20.766	ug/l	99
37) Ethyl Acetate	7.08	43	73400	21.906	ug/l	98
38) Carbon Tetrachloride	7.91	117	132314	20.600	ug/l	95

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Instrument :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	159543	20.413	ug/l	95
40) Benzene	8.16	78	358669	20.936	ug/l	97
41) Methacrylonitrile	7.35	41	94516	46.837	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	108652	20.601	ug/l	99
43) Isopropyl Acetate	8.28	43	135817	20.941	ug/l	99
44) Trichloroethene	8.94	130	103483	19.705	ug/l	95
45) 1,2-Dichloropropane	9.22	63	92072	20.770	ug/l	99
46) Dibromomethane	9.31	93	52980	20.463	ug/l	99
47) Bromodichloromethane	9.50	83	126645	20.567	ug/l	99
48) Methyl methacrylate	9.29	41	59944	20.675	ug/l	97
49) 1,4-Dioxane	9.30	88	12048	366.650	ug/l #	84
51) 4-Methyl-2-Pentanone	10.07	43	359763	106.723	ug/l	98
52) Toluene	10.25	92	226348	20.671	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	133591	20.939	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	151012	20.543	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	74533	20.315	ug/l	97
56) Ethyl methacrylate	10.51	69	101647	20.379	ug/l	97
57) 1,3-Dichloropropane	10.79	76	129396	20.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	270945	106.511	ug/l	98
59) 2-Hexanone	10.83	43	245895	104.494	ug/l	99
60) Dibromochloromethane	10.99	129	93036	20.162	ug/l	99
61) 1,2-Dibromoethane	11.09	107	71607	19.776	ug/l	99
64) Tetrachloroethene	10.72	164	109718	19.603	ug/l	99
65) Chlorobenzene	11.52	112	243671	20.150	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	94975	20.221	ug/l	98
67) Ethyl Benzene	11.60	91	446230	20.667	ug/l	99
68) m/p-Xylenes	11.71	106	331008	40.404	ug/l	98
69) o-Xylene	12.03	106	157502	20.579	ug/l	99
70) Styrene	12.05	104	266158	20.329	ug/l	99
71) Bromoform	12.21	173	61205	19.855	ug/l #	100
73) Isopropylbenzene	12.33	105	432558	20.503	ug/l	100
74) N-amyl acetate	12.14	43	124935	21.106	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	84379	20.709	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	116335	39.699	ug/l #	100
77) Bromobenzene	12.61	156	108063	20.095	ug/l	97
78) n-propylbenzene	12.67	91	520651	20.937	ug/l	99
79) 2-Chlorotoluene	12.75	91	285905	20.606	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	363789	20.689	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	31467	20.898	ug/l #	82
82) 4-Chlorotoluene	12.86	91	301735	20.835	ug/l	100
83) tert-Butylbenzene	13.08	119	317400	20.458	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	365316	20.649	ug/l	99
85) sec-Butylbenzene	13.25	105	446013	20.916	ug/l	99
86) p-Isopropyltoluene	13.37	119	408380	20.510	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	207617	20.416	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	204924	20.353	ug/l	99
89) n-Butylbenzene	13.70	91	393767	21.025	ug/l	99
90) Hexachloroethane	13.96	117	76074	20.980	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	181962	20.389	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12842	19.441	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

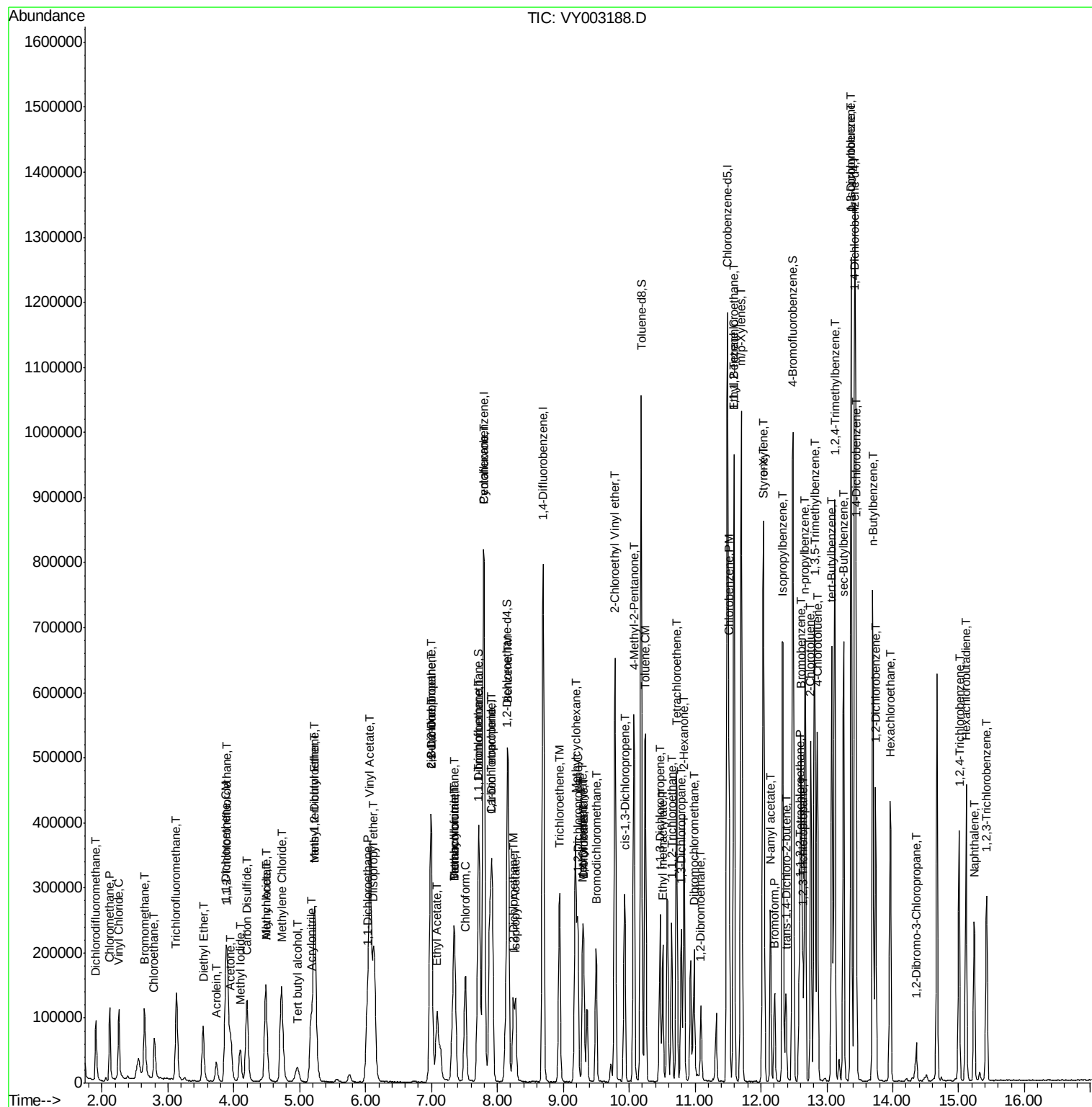
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	128641	20.262	ug/l	98
94) Hexachlorobutadiene	15.11	225	90099	20.711	ug/l	100
95) Naphthalene	15.23	128	196225	18.701	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	93500	18.630	ug/l	98

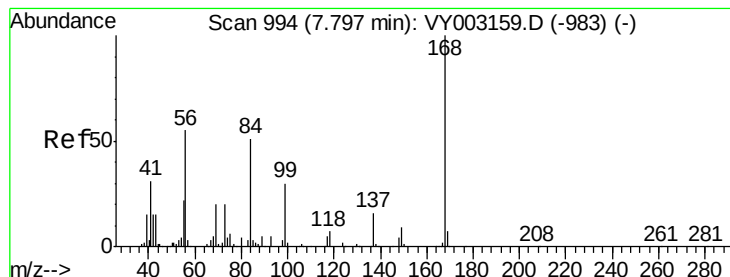
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
Data File : VY003188.D
Acq On : 14 Jul 2020 12:10
Operator : SY/MD
Sample : VY0714SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jul 15 04:12:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

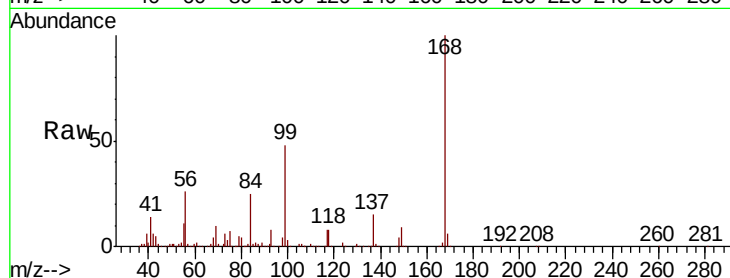
VY0714SBS01

Tot Ion:168 Resp: 466068

Ion Ratio Lower Upper

168 100

99 47.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

150000

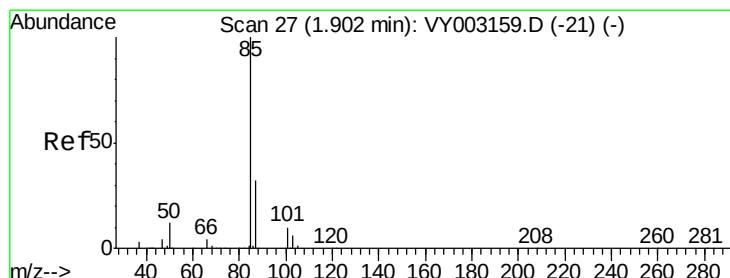
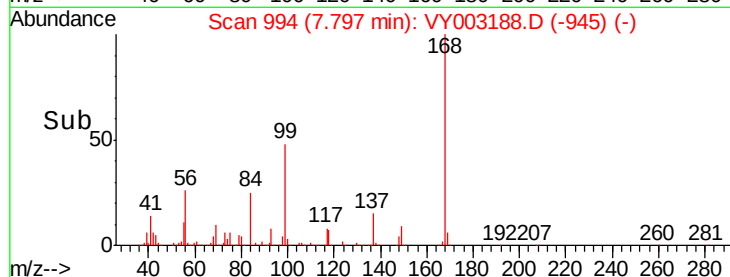
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 23.531 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003188.D

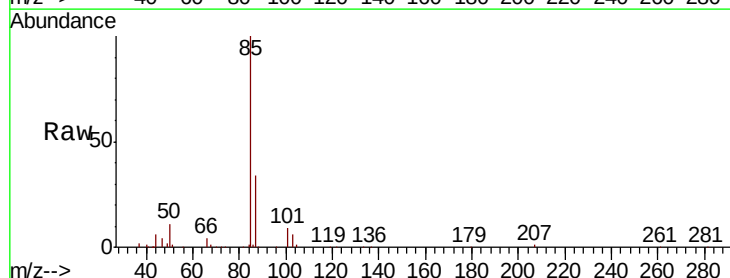
Acq: 14 Jul 2020 12:10

Tgt Ion: 85 Resp: 78603

Ion Ratio Lower Upper

85 100

87 34.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.91

60000

50000

40000

30000

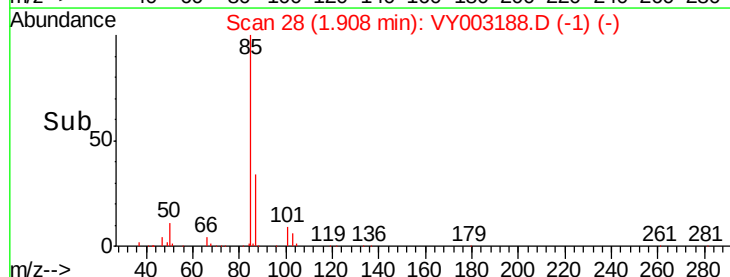
20000

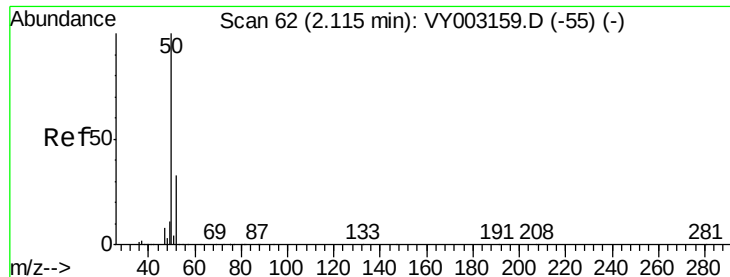
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 22.452 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

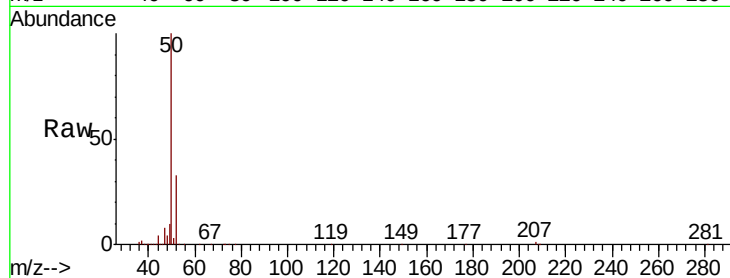
VY0714SBS01

Tot Ion: 50 Resp: 104031

Ion Ratio Lower Upper

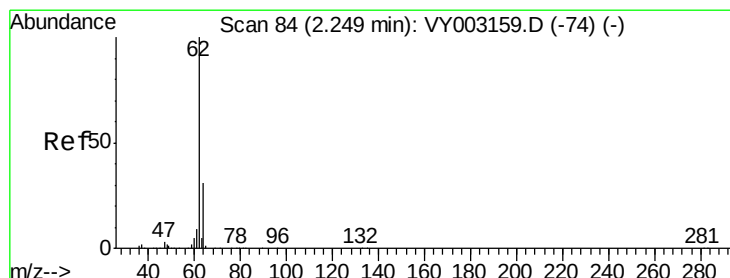
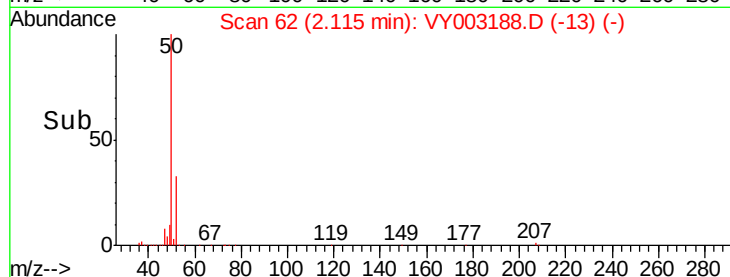
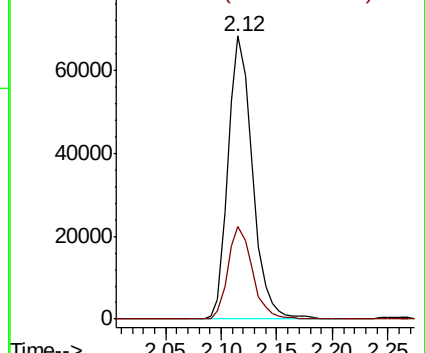
50 100

52 32.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.935 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003188.D

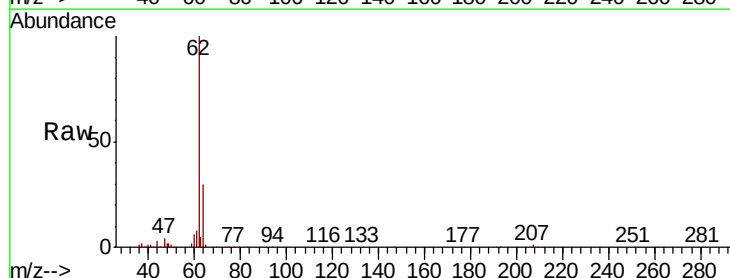
Acq: 14 Jul 2020 12:10

Tgt Ion: 62 Resp: 104279

Ion Ratio Lower Upper

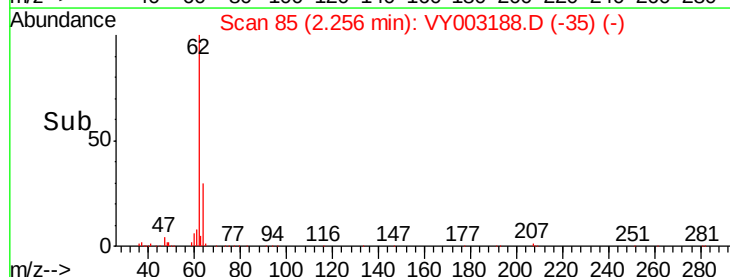
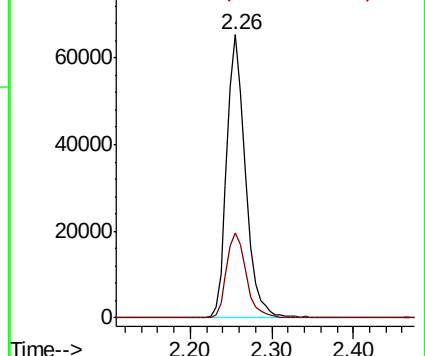
62 100

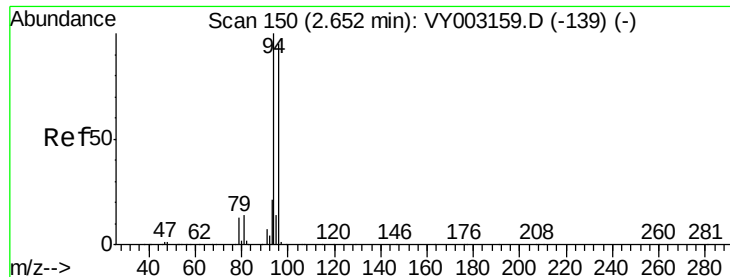
64 30.2 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.490 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

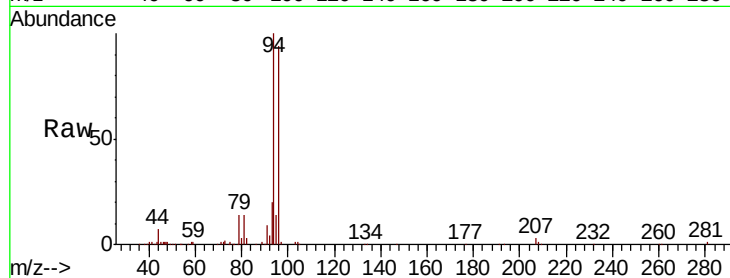
VY0714SBS01

Tot Ion: 94 Resp: 79415

Ion Ratio Lower Upper

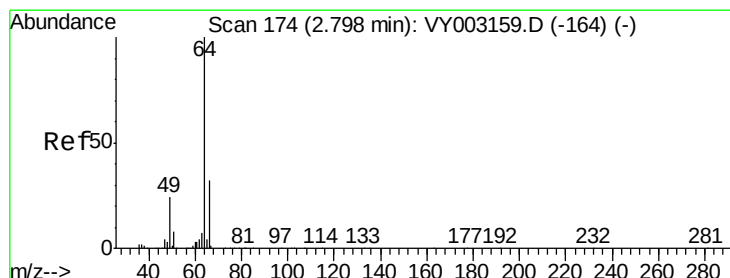
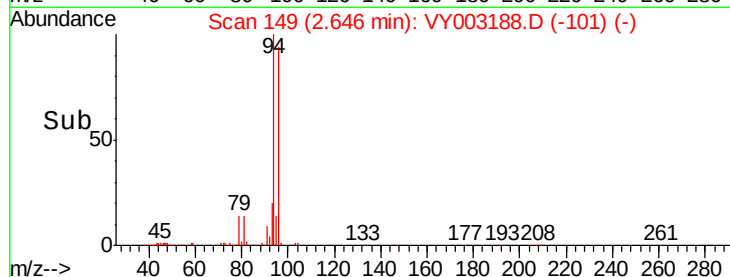
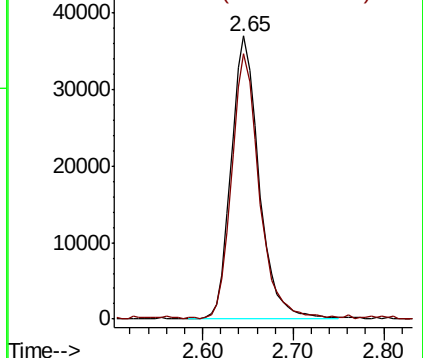
94 100

96 93.5 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.595 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003188.D

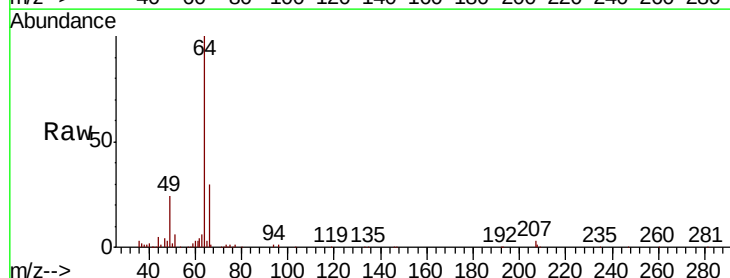
Acq: 14 Jul 2020 12:10

Tgt Ion: 64 Resp: 67429

Ion Ratio Lower Upper

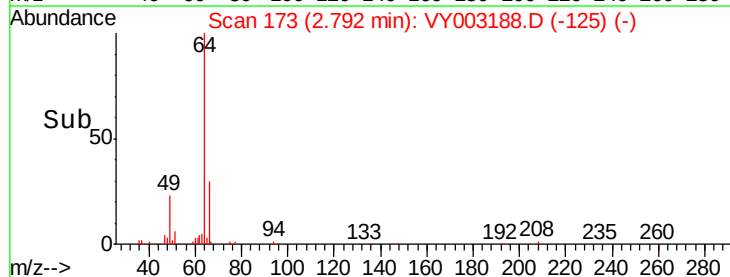
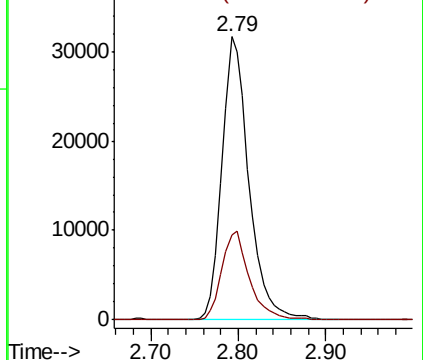
64 100

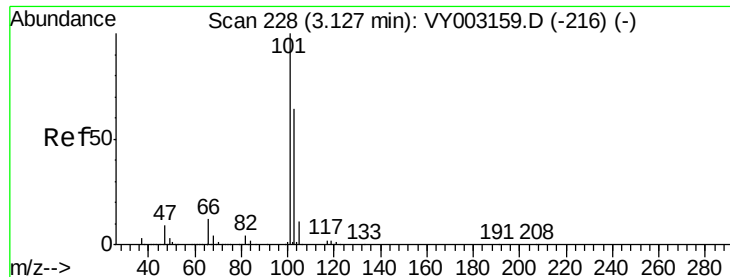
66 30.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



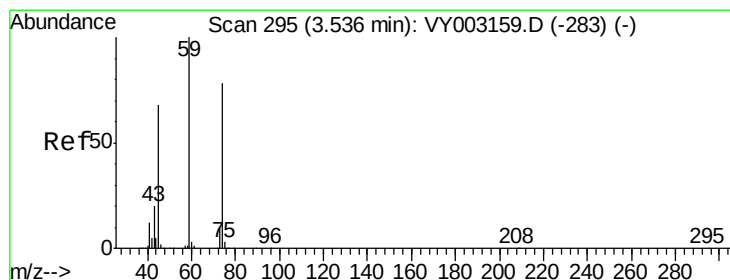
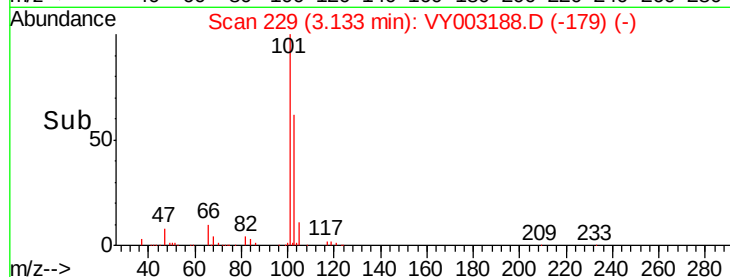
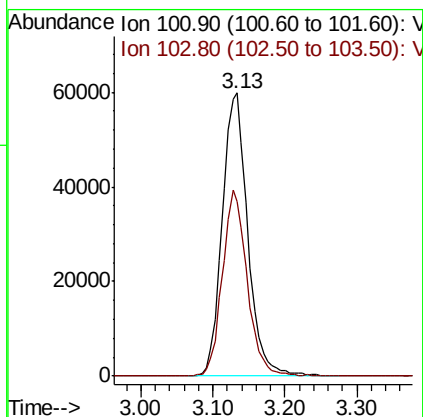
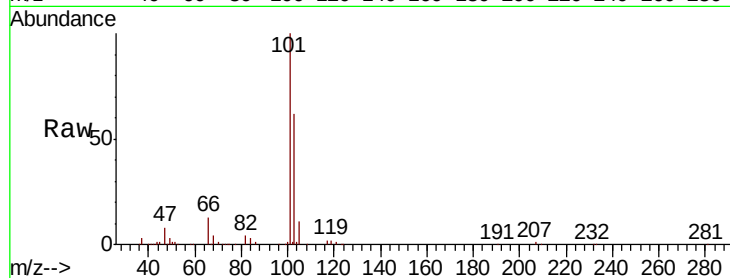


#7

Trichlorofluoromethane
Concen: 21.710 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

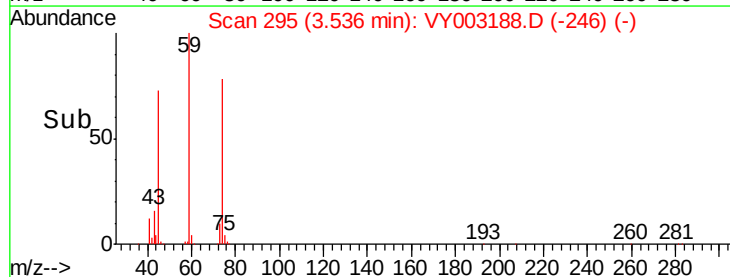
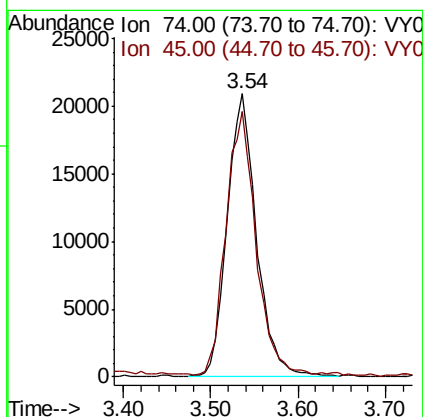
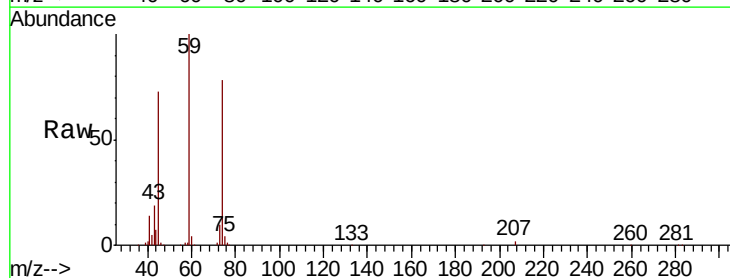
Tot Ion:101 Resp: 147392
Ion Ratio Lower Upper
101 100
103 61.7 51.3 76.9

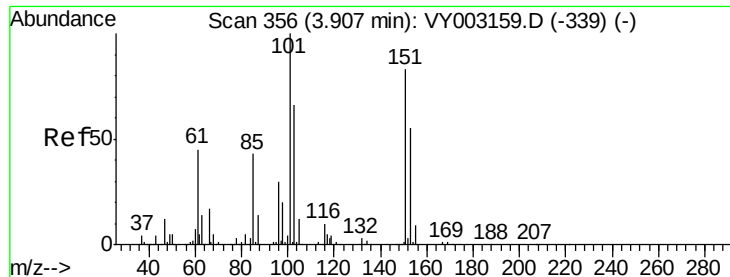


#8

Diethyl Ether
Concen: 21.480 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Tgt Ion: 74 Resp: 48867
Ion Ratio Lower Upper
74 100
45 95.0 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.510 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

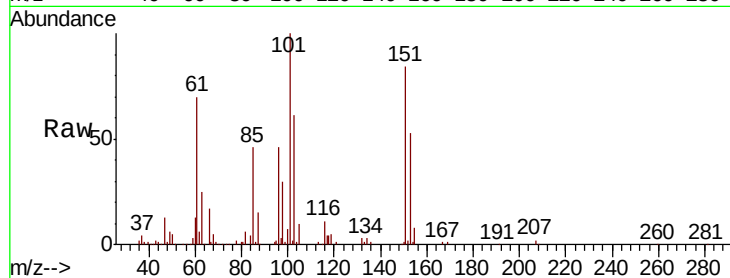
Tot Ion:101 Resp: 88197

Ion Ratio Lower Upper

101 100

85 45.1 34.9 52.3

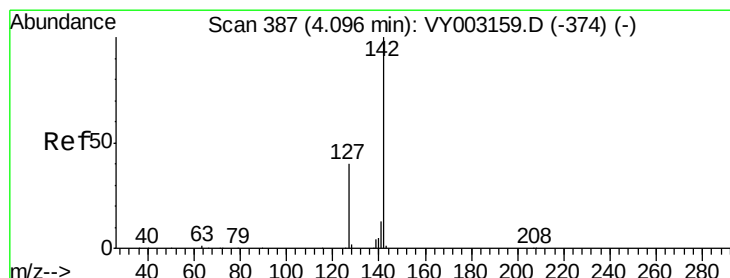
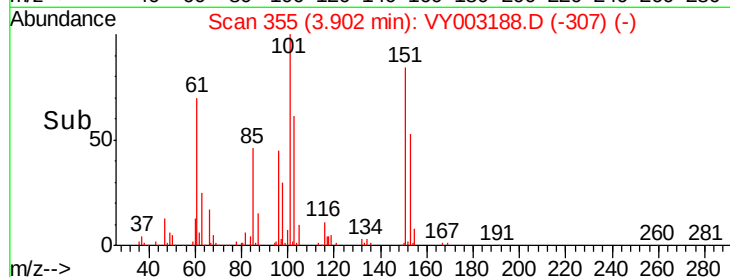
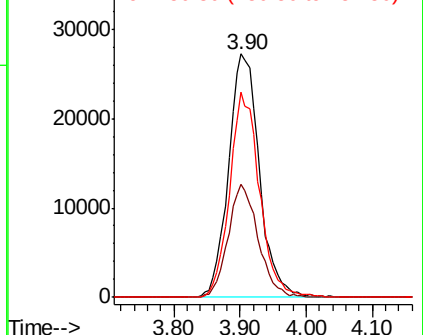
151 81.3 67.0 100.6



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: 18.623 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

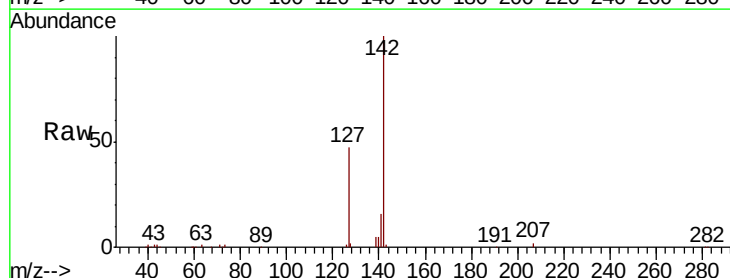
Tgt Ion:142 Resp: 82962

Ion Ratio Lower Upper

142 100

127 42.5 33.5 50.3

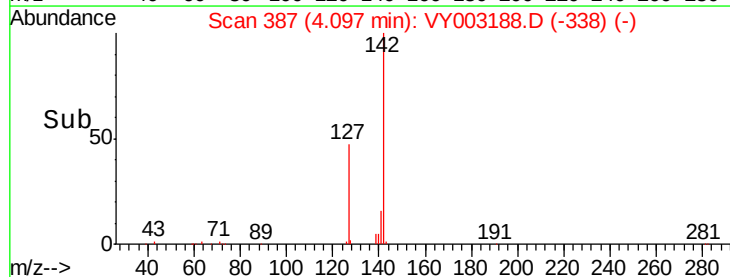
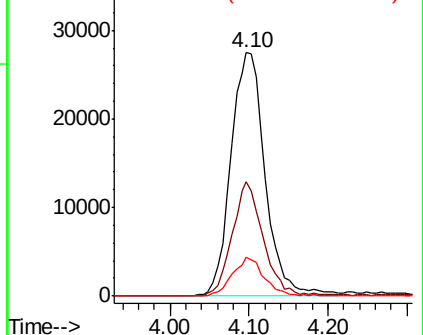
141 14.5 11.2 16.8

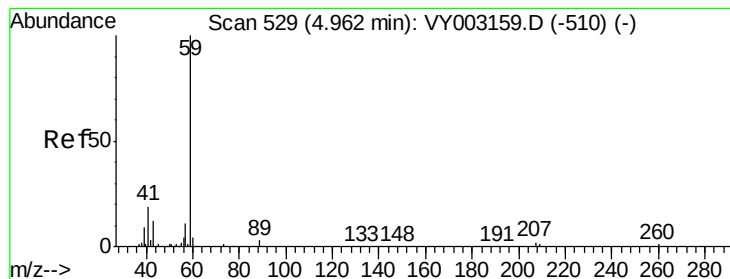


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 107.380 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.01 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

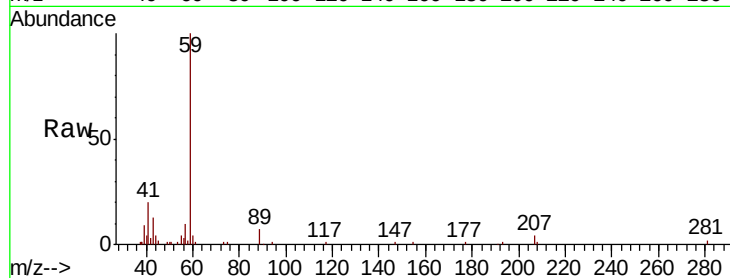
VY0714SBS01

Tot Ion: 59 Resp: 45676

Ion Ratio Lower Upper

59 100

57 10.0 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

4.97

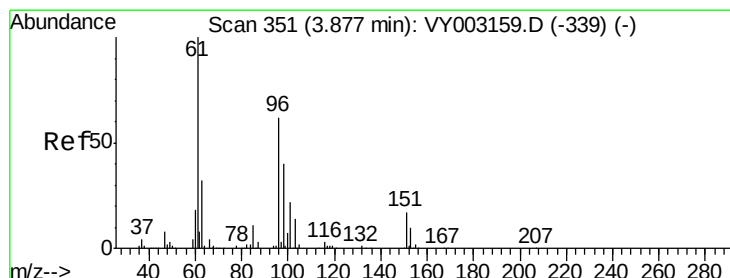
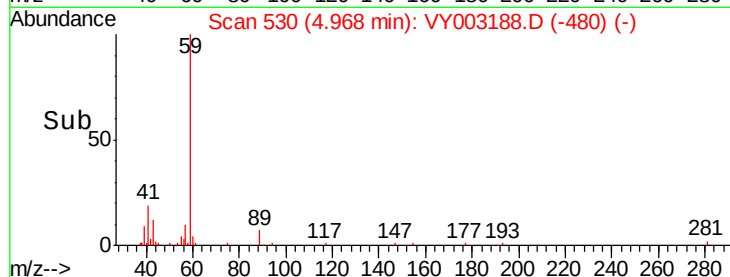
10000

5000

0

Time-->

4.80 4.90 5.00 5.10



#12

1,1-Dichloroethene

Concen: 21.606 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

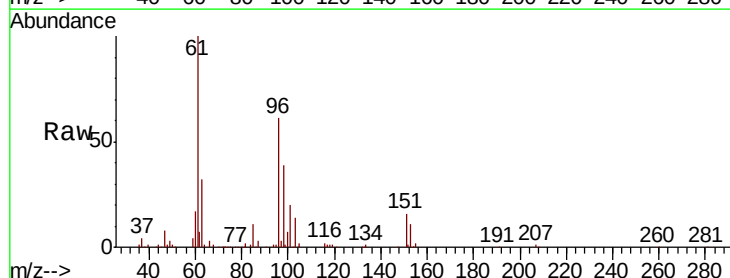
Tgt Ion: 96 Resp: 83793

Ion Ratio Lower Upper

96 100

61 164.0 128.6 193.0

98 63.3 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

60000

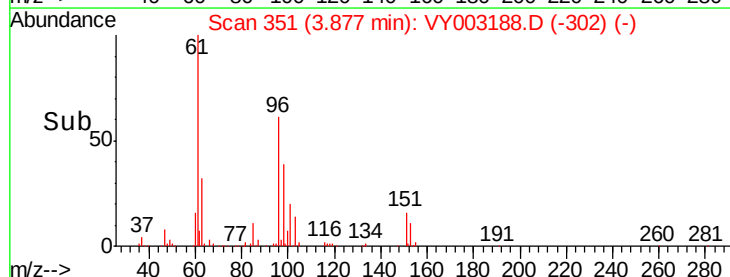
40000

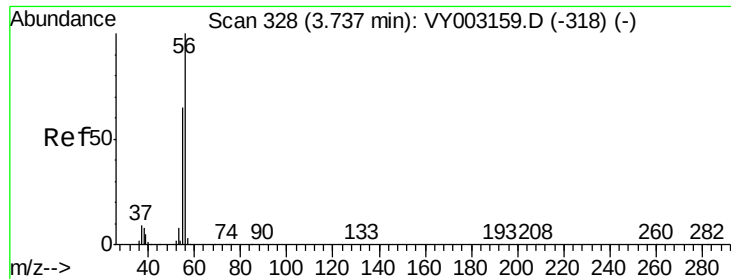
20000

0

Time-->

3.70 3.80 3.90 4.00

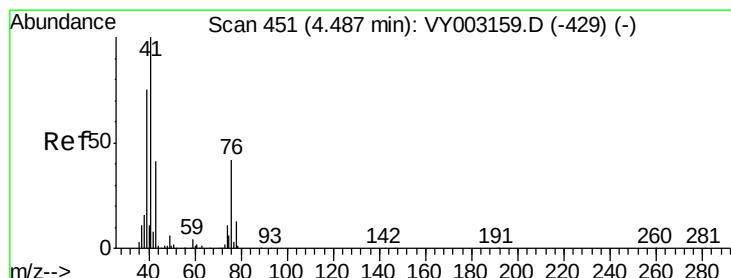
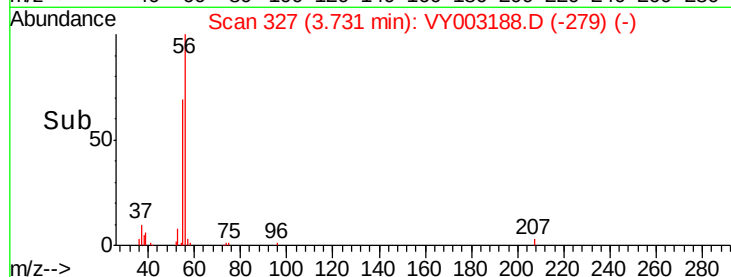
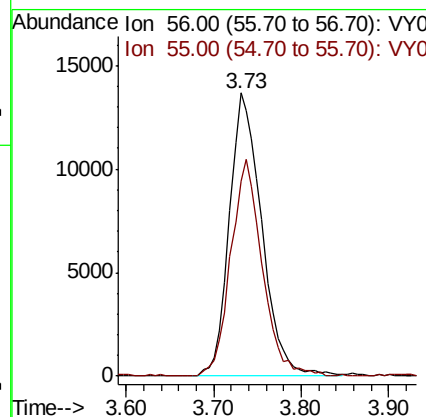
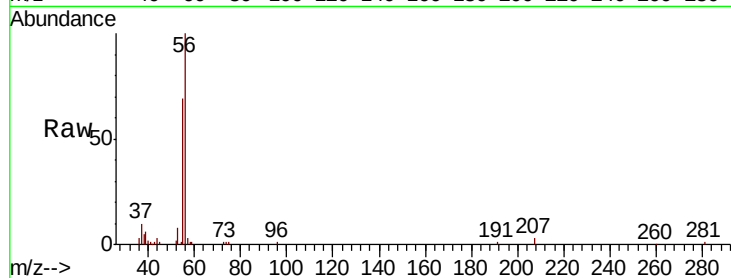




#13
 Acrolein
 Concen: 95.302 ug/l
 RT: 3.73 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

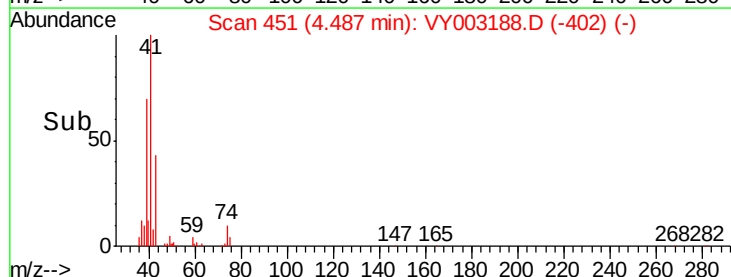
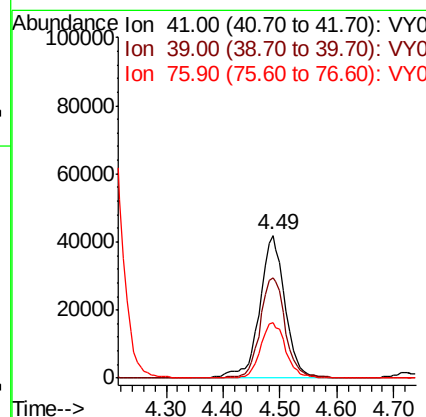
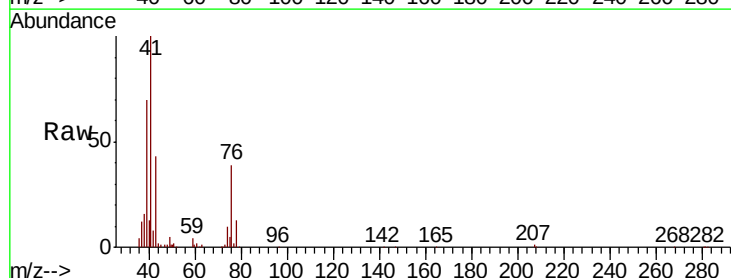
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

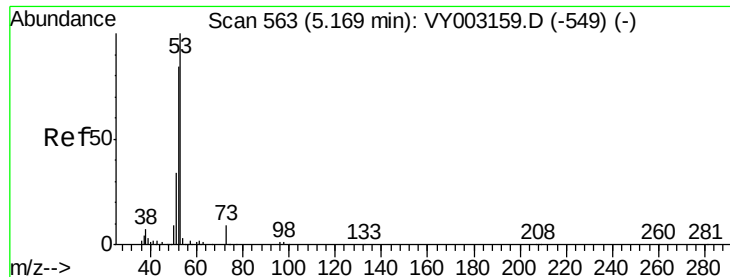
Tot Ion: 56 Resp: 35186
 Ion Ratio Lower Upper
 56 100
 55 74.5 56.0 84.0



#14
 Allyl chloride
 Concen: 22.541 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

Tgt Ion: 41 Resp: 129720
 Ion Ratio Lower Upper
 41 100
 39 69.7 56.6 85.0
 76 38.1 31.6 47.4





#15

Acrylonitrile

Concen: 108.884 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

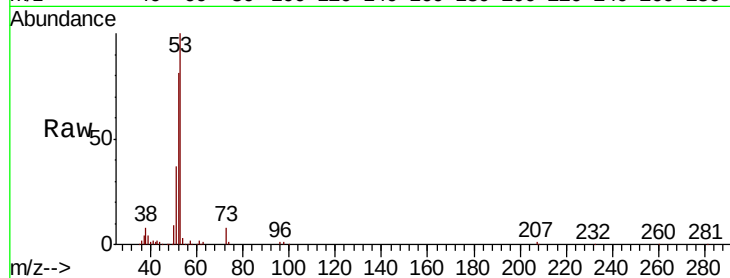
MSVOA_Y

ClientSampleId :

VY0714SBS01

Tot Ion: 53 Resp: 118992

Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.8	98.6
51	37.5	29.0	43.4

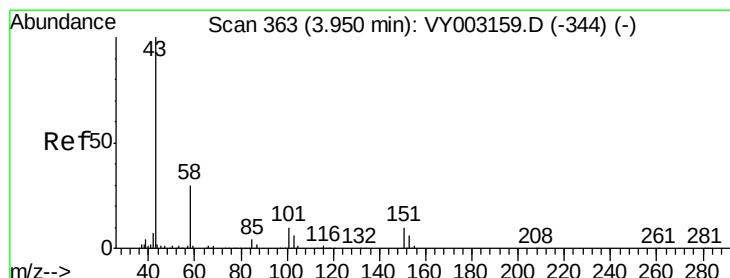
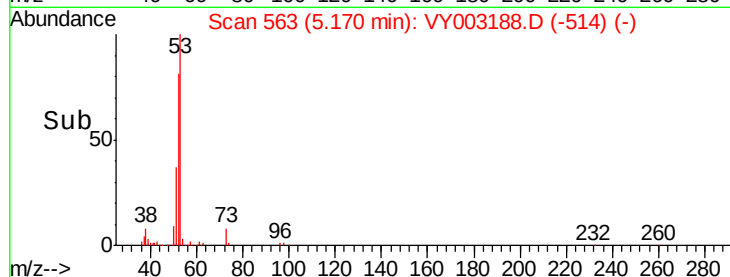
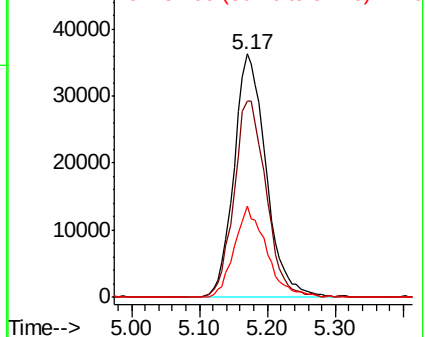


Abundance

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: 106.675 ug/l

RT: 3.96 min Scan# 364

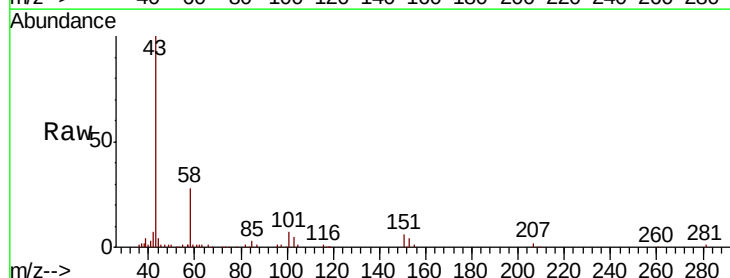
Delta R.T. 0.01 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Tgt Ion: 43 Resp: 93734

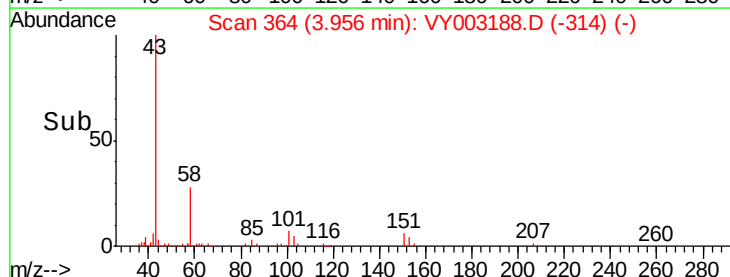
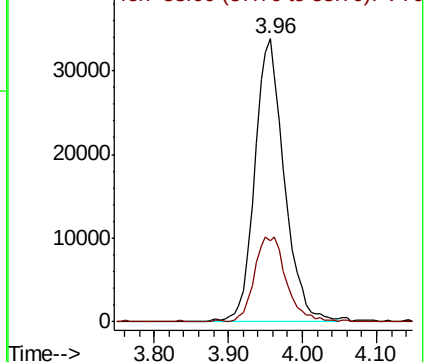
Ion	Ratio	Lower	Upper
43	100		
58	28.2	23.8	35.6

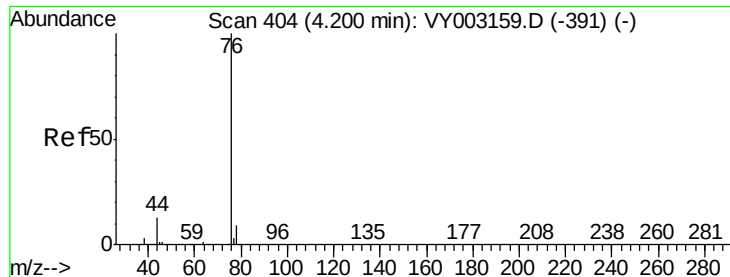


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 21.557 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

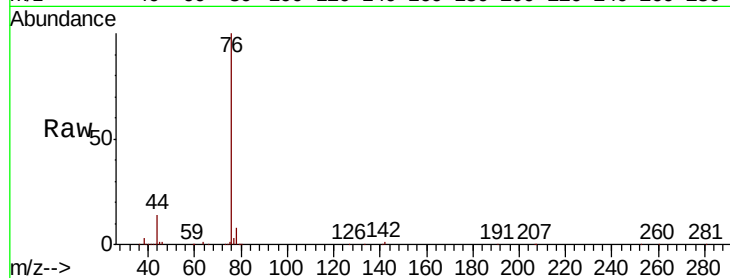
VY0714SBS01

Tot Ion: 76 Resp: 256544

Ion Ratio Lower Upper

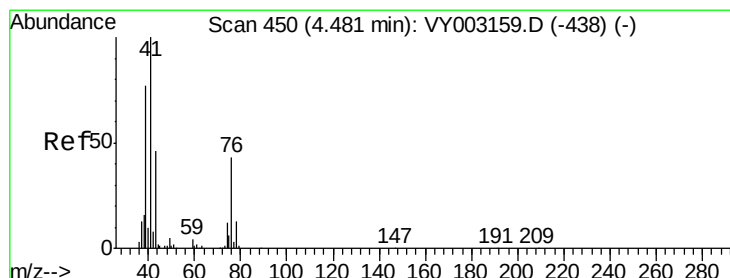
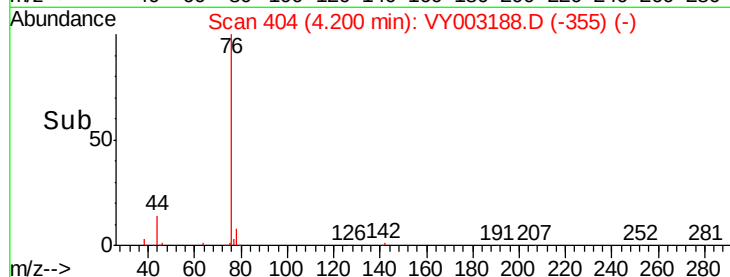
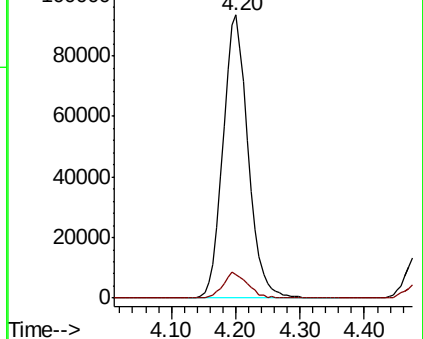
76 100

78 8.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 22.518 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003188.D

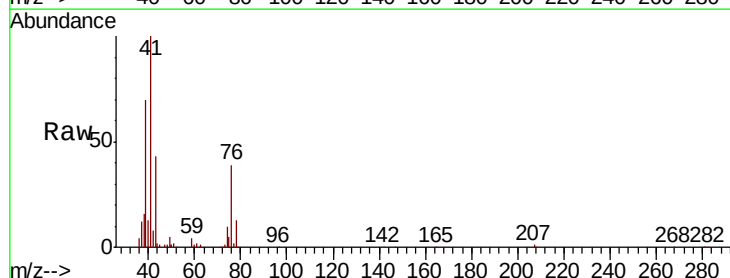
Acq: 14 Jul 2020 12:10

Tgt Ion: 43 Resp: 54948

Ion Ratio Lower Upper

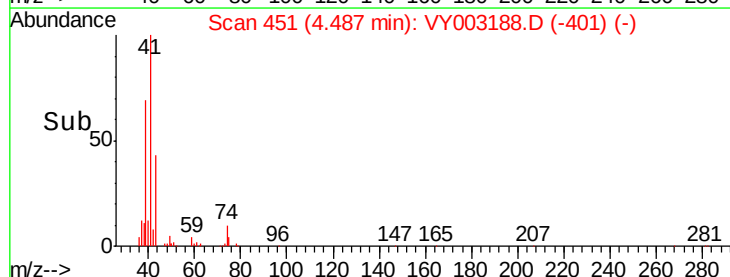
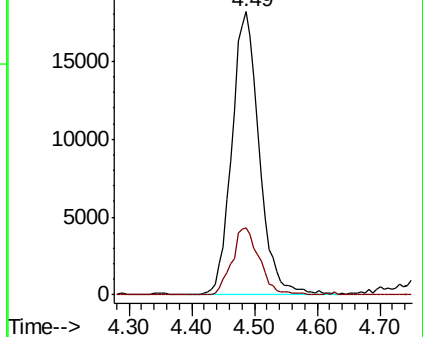
43 100

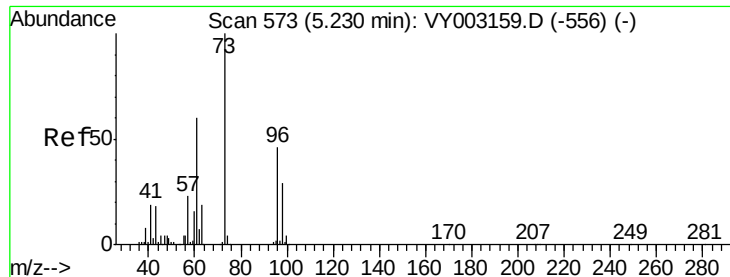
74 23.8 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

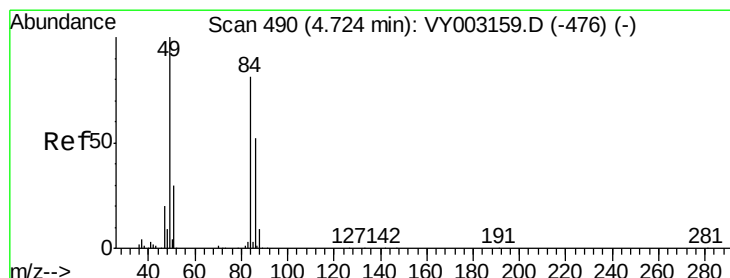
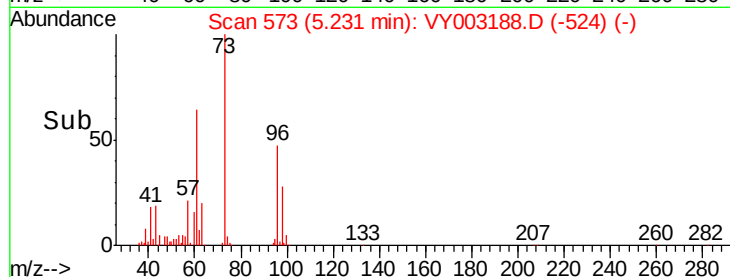
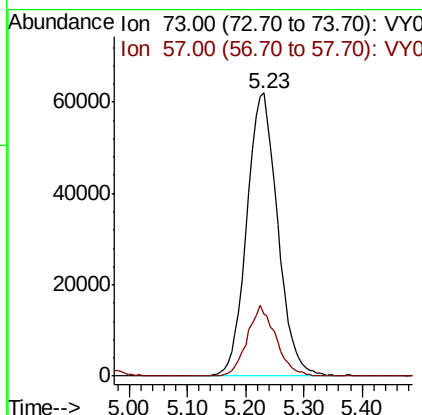
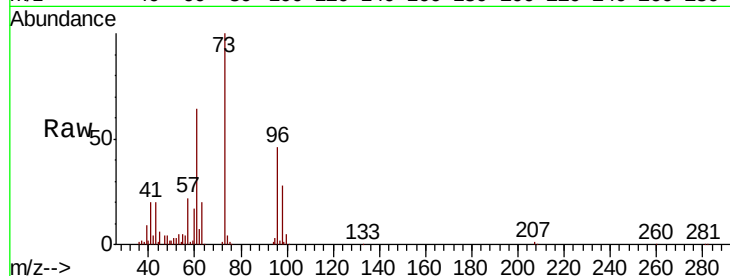




#19
Methyl tert-butyl Ether
Concen: 21.049 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

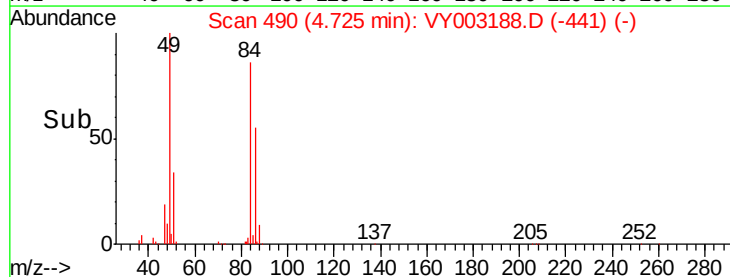
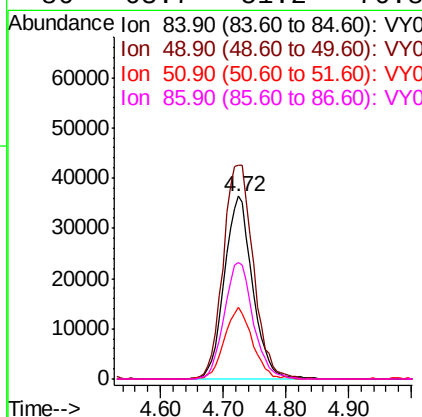
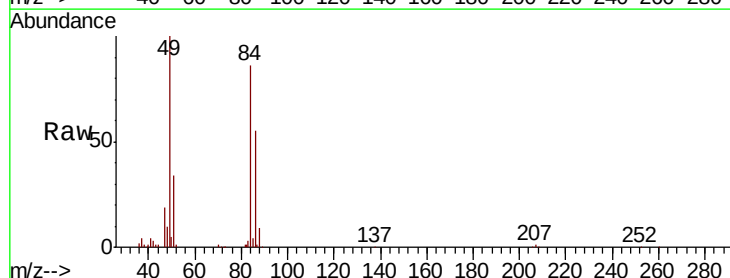
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

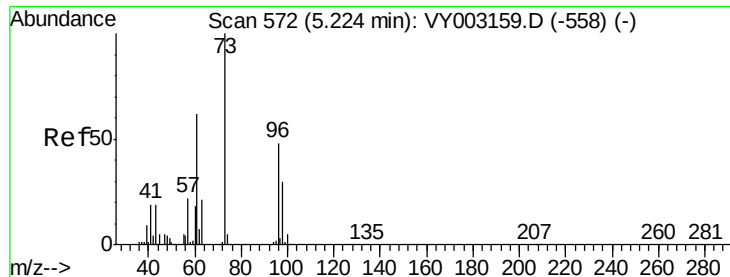
Tot Ion: 73 Resp: 228773
Ion Ratio Lower Upper
73 100
57 21.9 18.1 27.1



#20
Methylene Chloride
Concen: 22.605 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Tgt Ion: 84 Resp: 113250
Ion Ratio Lower Upper
84 100
49 116.7 98.2 147.4
51 39.2 29.8 44.6
86 63.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.681 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

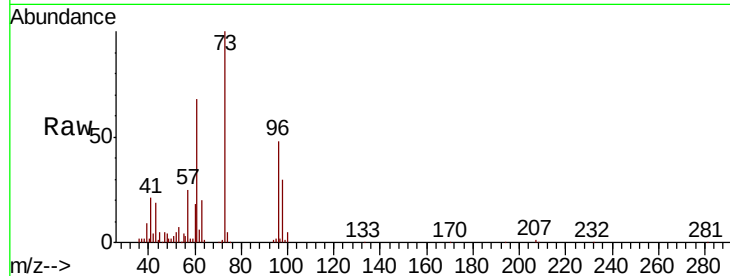
Tot Ion: 96 Resp: 90718

Ion Ratio Lower Upper

96 100

61 140.6 102.5 153.7

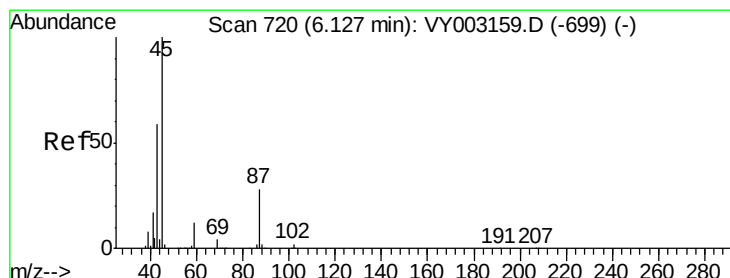
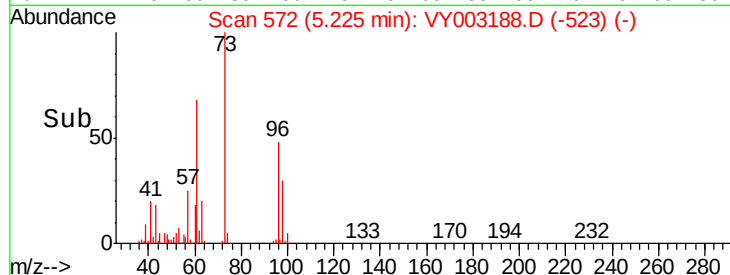
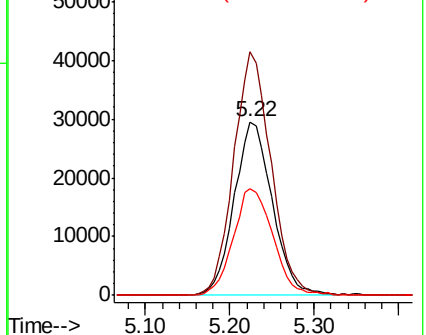
98 61.3 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.286 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Tgt Ion: 45 Resp: 284640

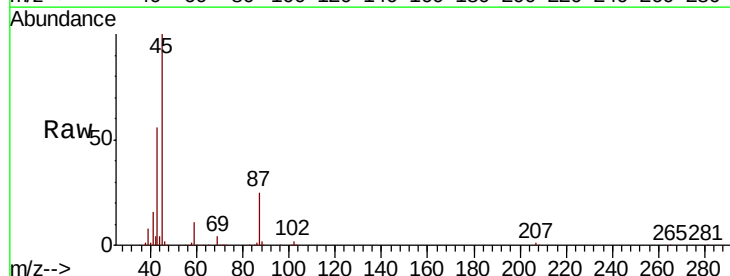
Ion Ratio Lower Upper

45 100

43 56.0 47.0 70.4

87 24.6 22.6 33.8

59 11.2 9.8 14.6

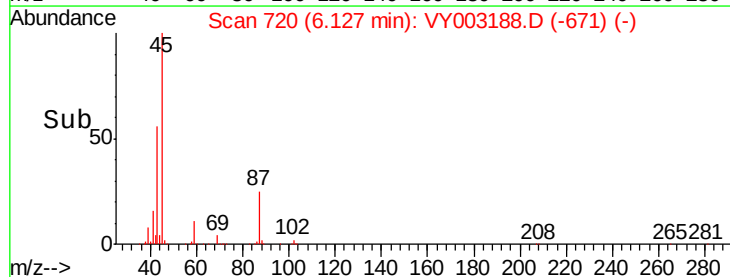
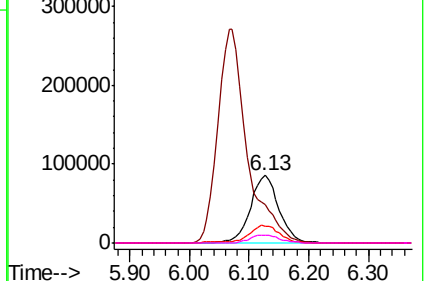


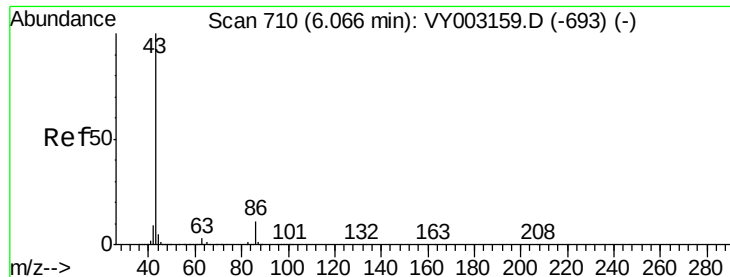
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 108.954 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

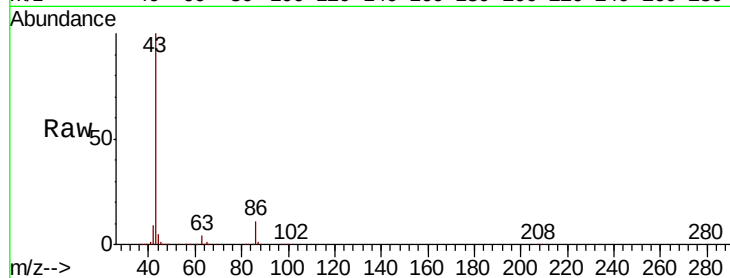
VY0714SBS01

Tot Ion: 43 Resp: 927503

Ion Ratio Lower Upper

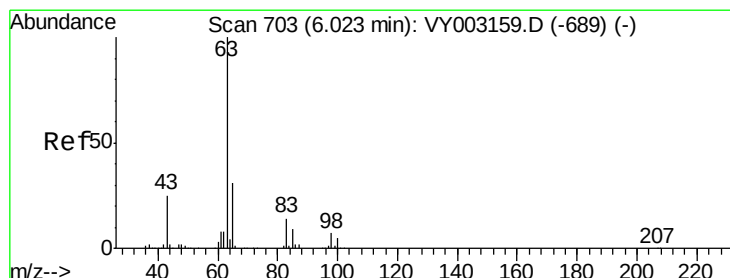
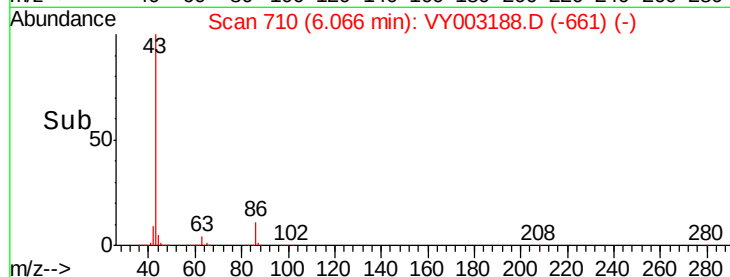
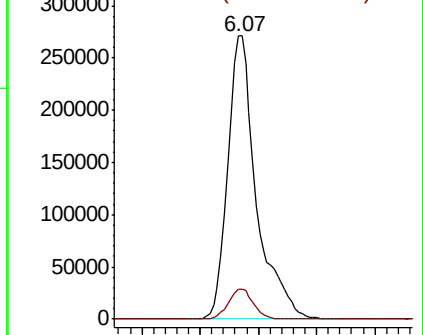
43 100

86 10.7 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.934 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

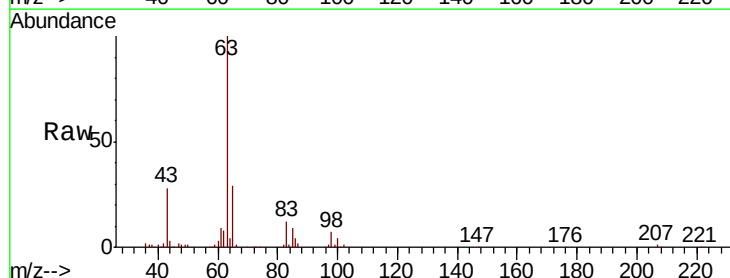
Tgt Ion: 63 Resp: 162298

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

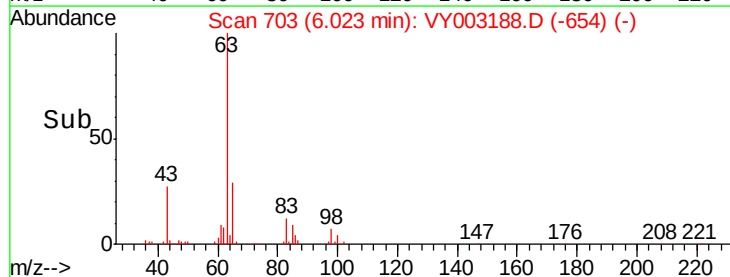
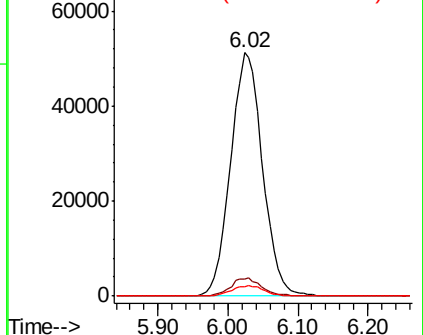
100 4.0 2.4 7.2

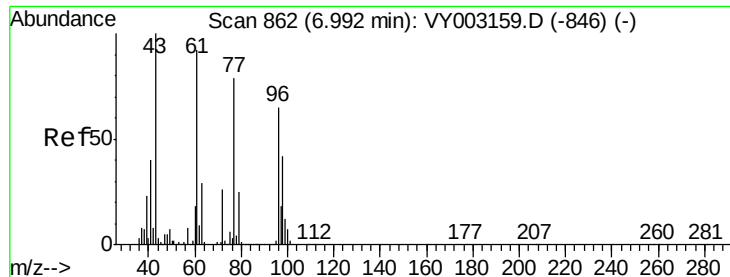


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 105.794 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

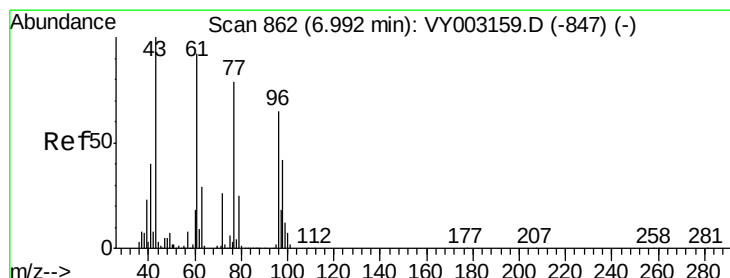
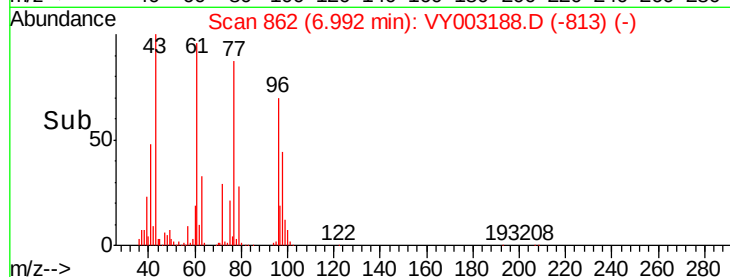
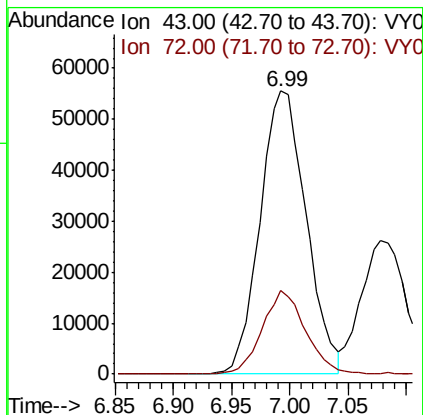
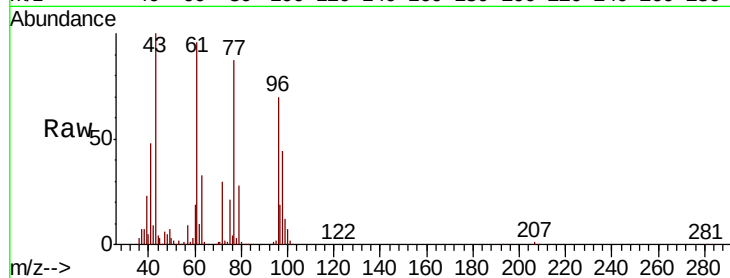
VY0714SBS01

Tot Ion: 43 Resp: 152632

Ion Ratio Lower Upper

43 100

72 29.6 20.9 31.3



#26

2,2-Dichloropropane

Concen: 21.769 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003188.D

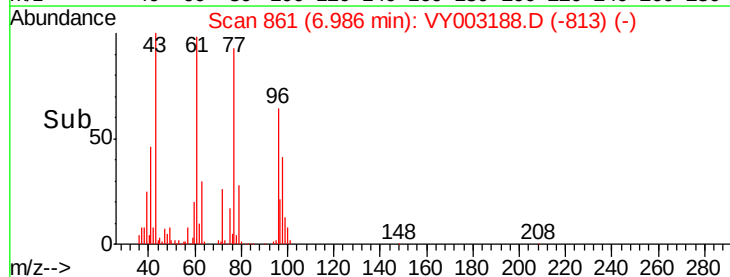
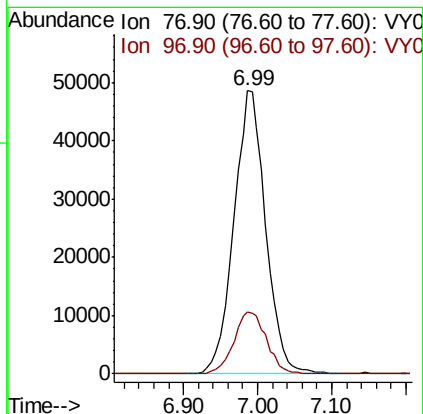
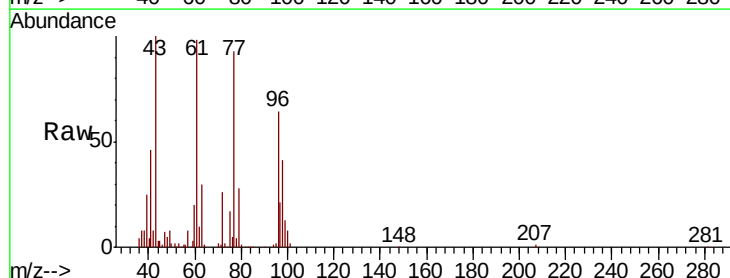
Acq: 14 Jul 2020 12:10

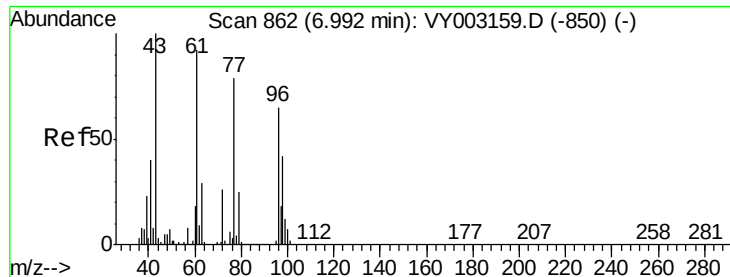
Tgt Ion: 77 Resp: 145062

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7



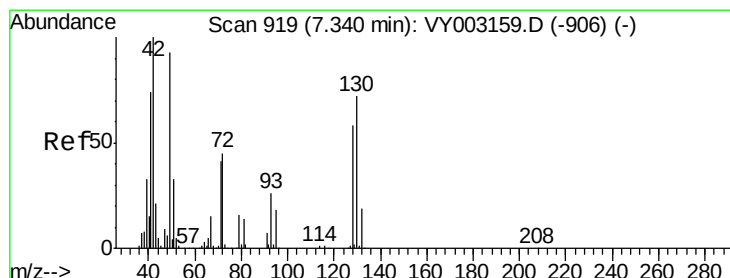
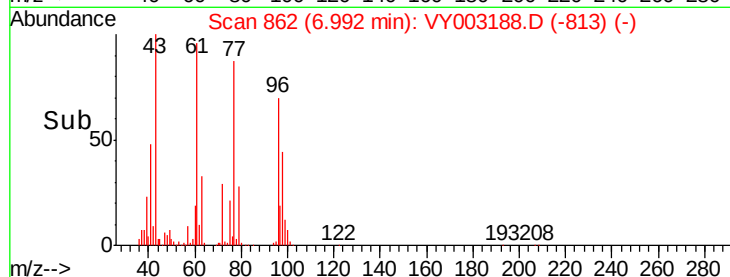
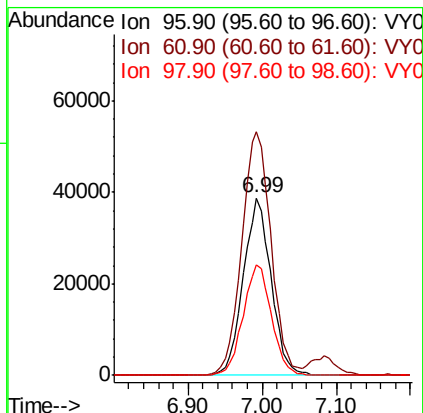
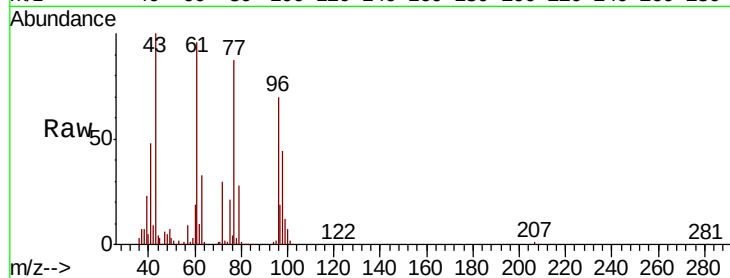


#27

cis-1,2-Dichloroethene
 Concen: 21.050 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

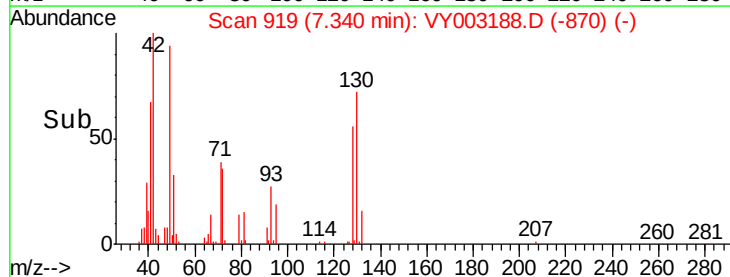
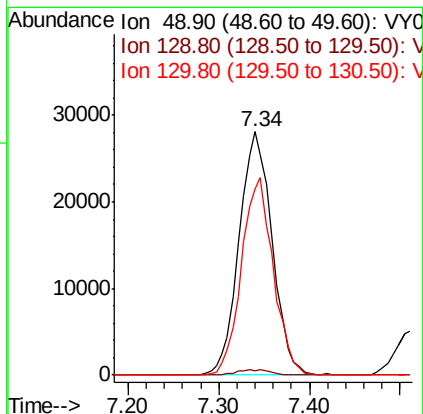
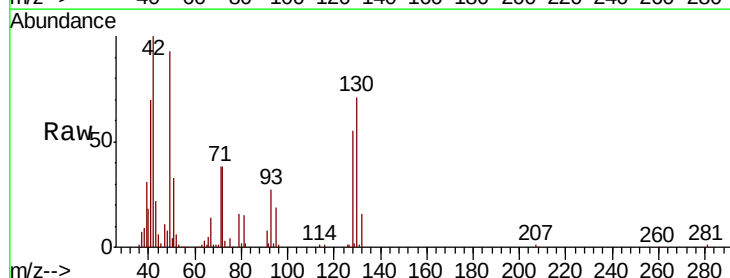
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	281.2
98	63.4	0.0	129.8

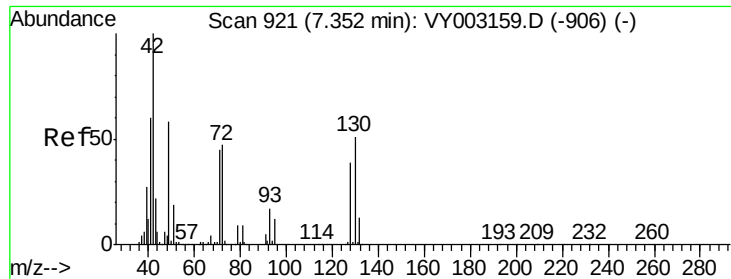


#28

Bromochloromethane
 Concen: 22.077 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	78.0	64.9	97.3





#29

Tetrahydrofuran

Concen: 108.115 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

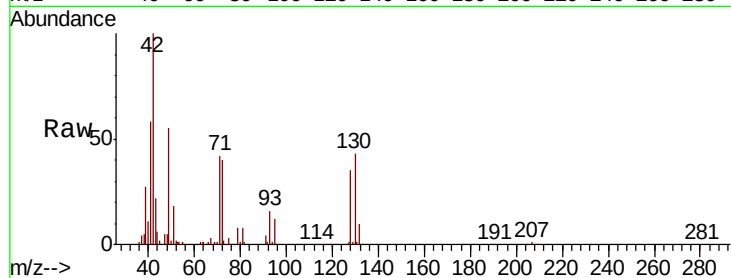
Tot Ion: 42 Resp: 104785

Ion Ratio Lower Upper

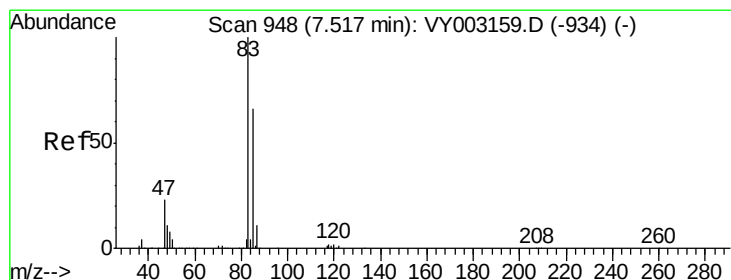
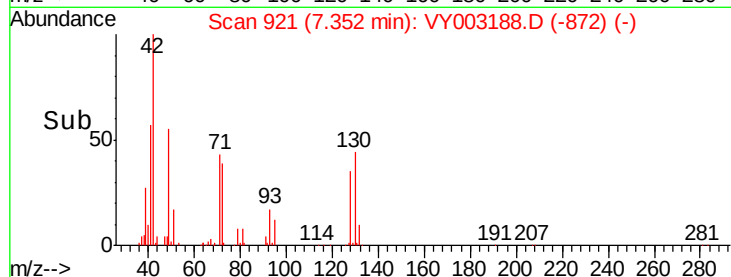
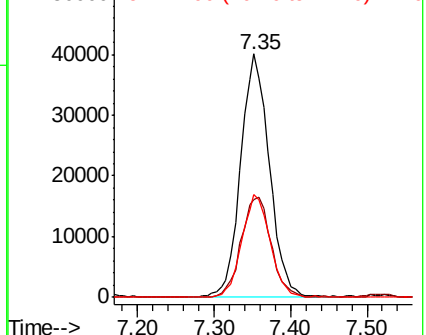
42 100

72 42.9 36.7 55.1

71 41.4 34.2 51.4



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: 21.365 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003188.D

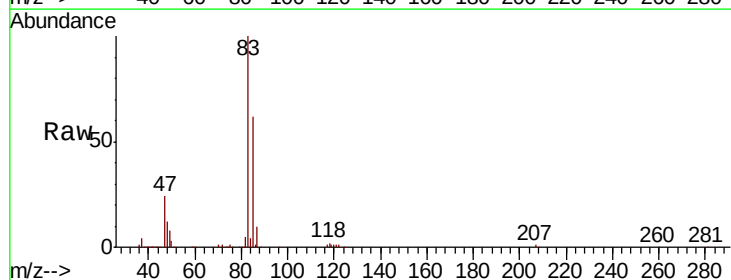
Acq: 14 Jul 2020 12:10

Tgt Ion: 83 Resp: 162822

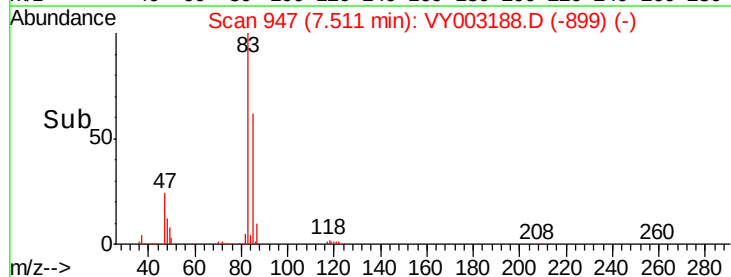
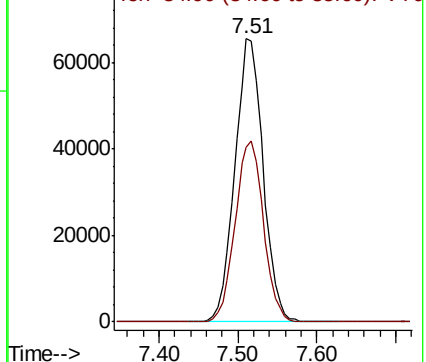
Ion Ratio Lower Upper

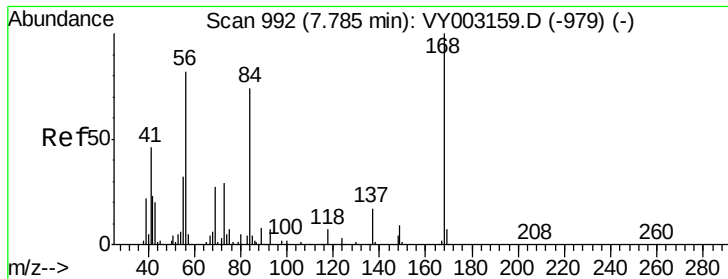
83 100

85 61.7 52.6 78.8



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





#31

Cyclohexane

Concen: 21.823 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

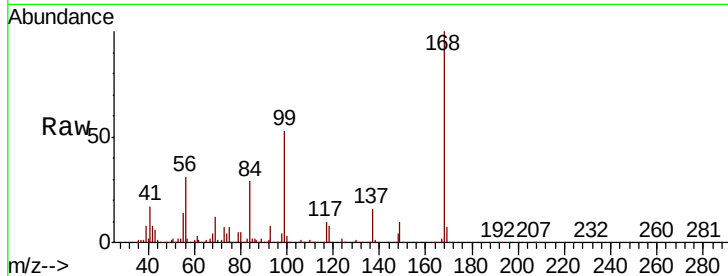
Tot Ion: 56 Resp: 156148

Ion Ratio Lower Upper

56 100

69 38.5 26.7 40.1

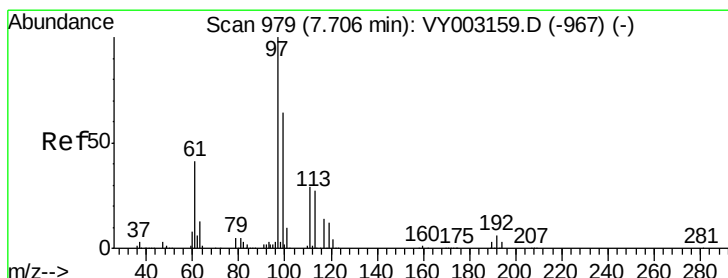
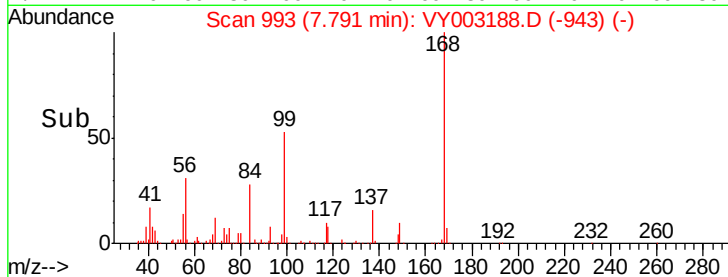
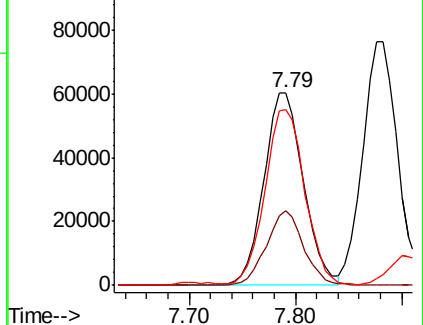
84 89.6 72.3 108.5



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: 21.481 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

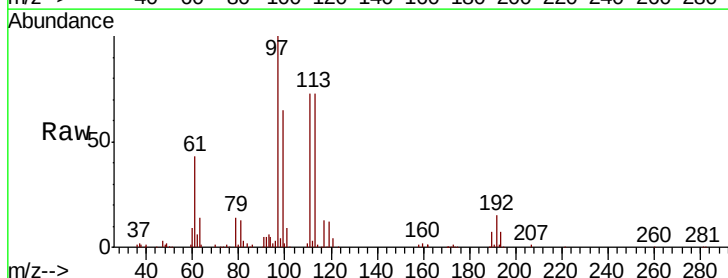
Tgt Ion: 97 Resp: 147379

Ion Ratio Lower Upper

97 100

99 63.5 52.1 78.1

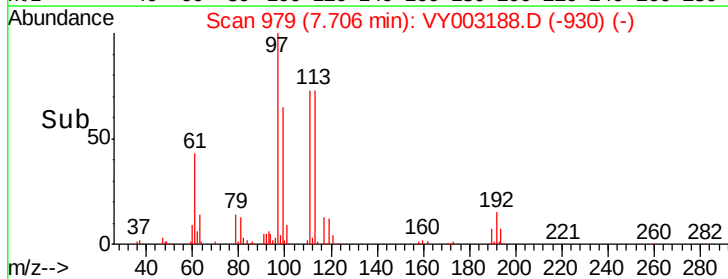
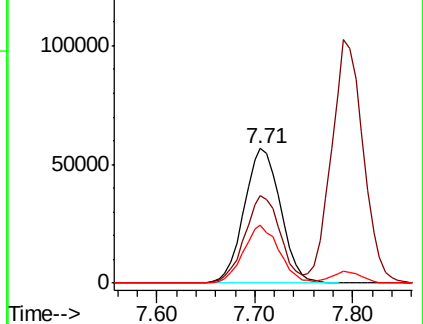
61 41.8 33.9 50.9

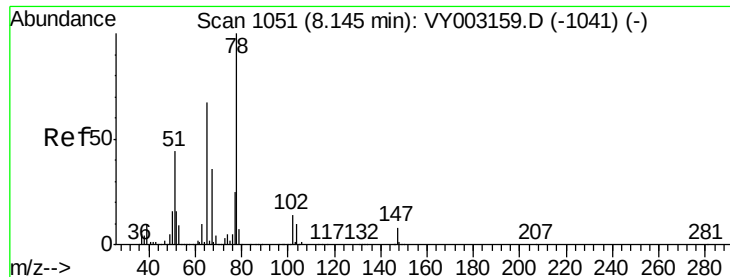


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

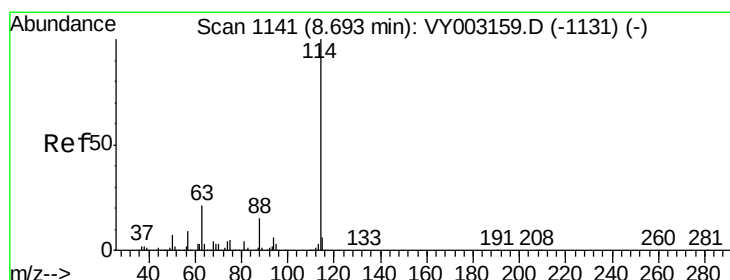
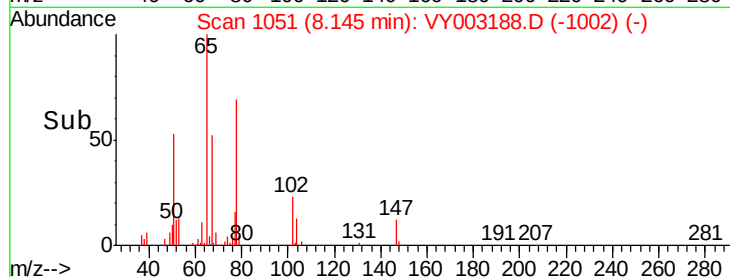
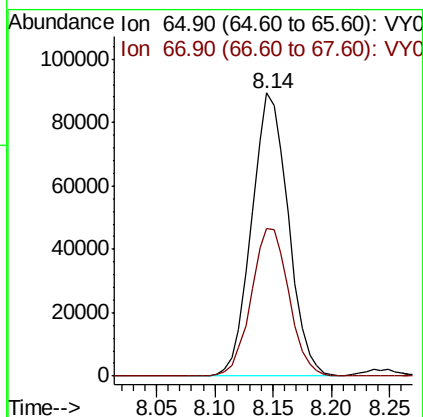
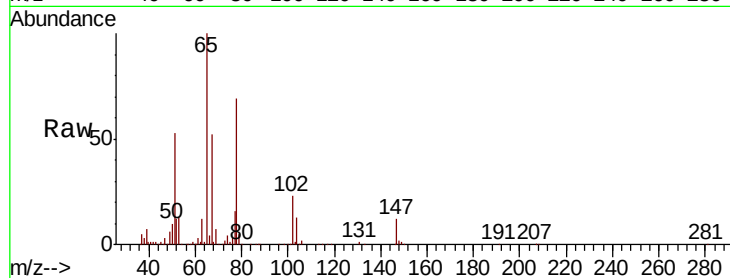




#33
 1,2-Dichloroethane-d4
 Concen: 49.905 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

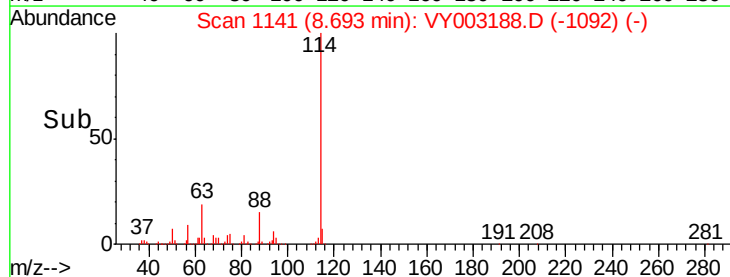
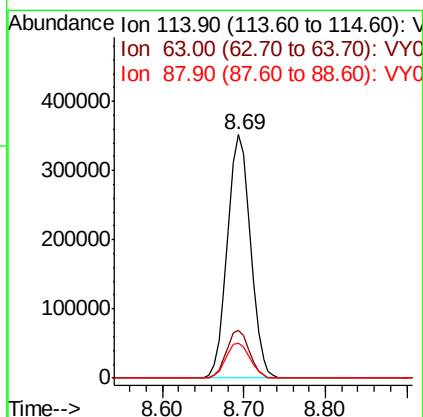
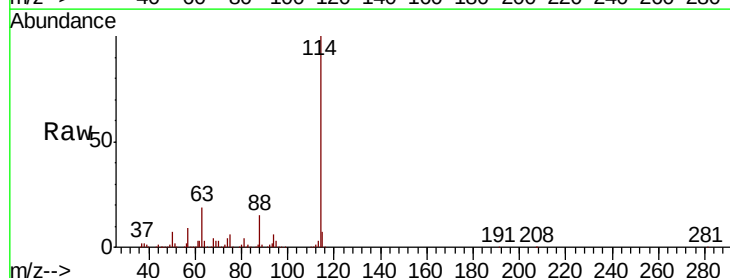
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

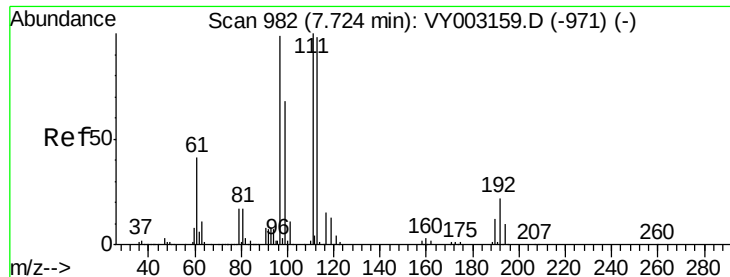
Tot Ion: 65 Resp: 196316
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

Tgt Ion: 114 Resp: 686481
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.2
 88 14.6 0.0 30.2

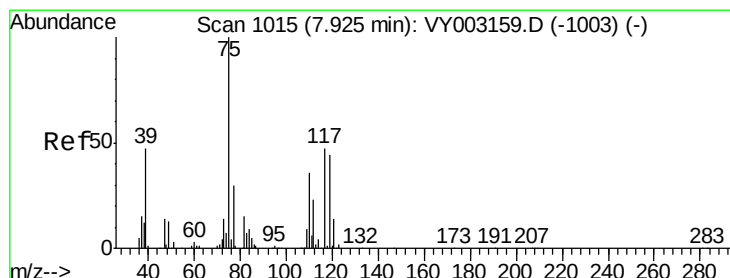
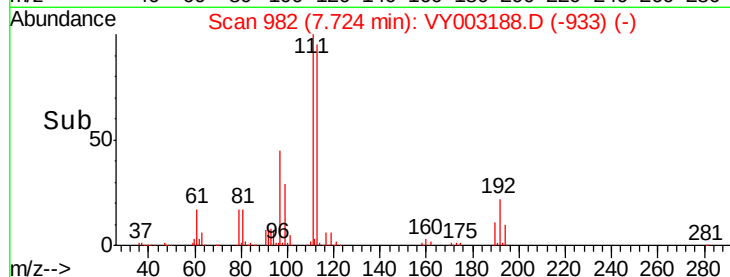
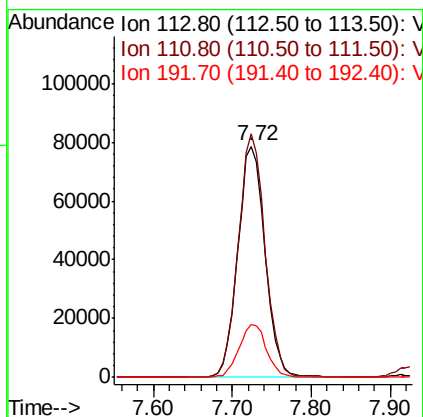
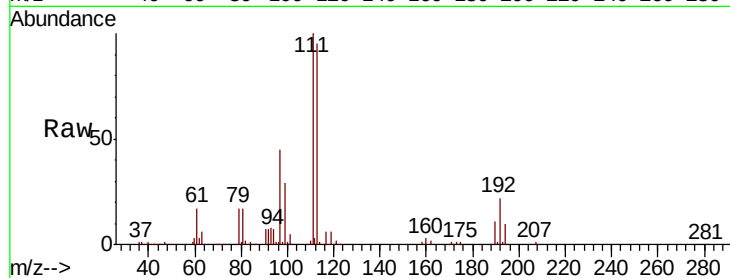




#35
 Dibromofluoromethane
 Concen: 47.785 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

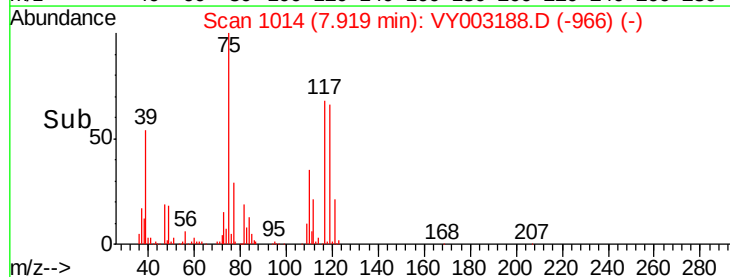
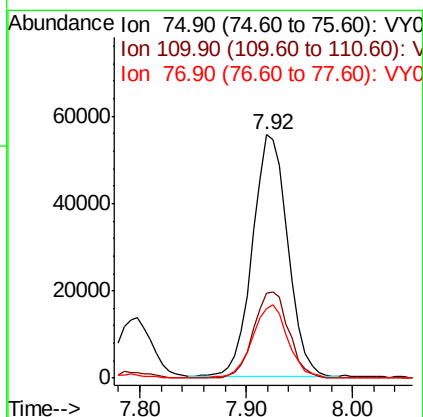
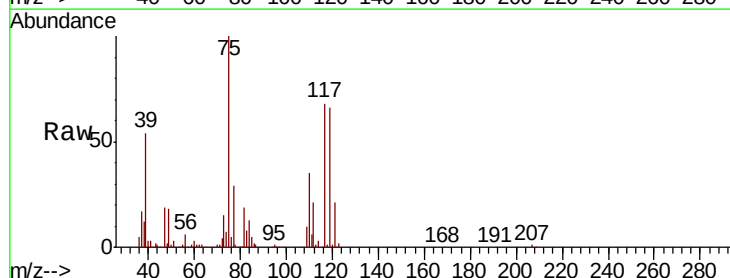
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

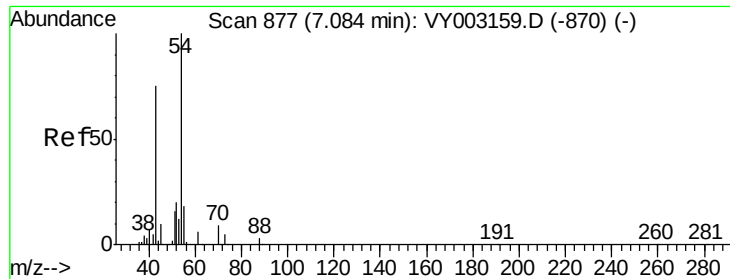
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.1	123.1
192	23.1	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 20.766 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.1	54.1
77	30.7	24.8	37.2

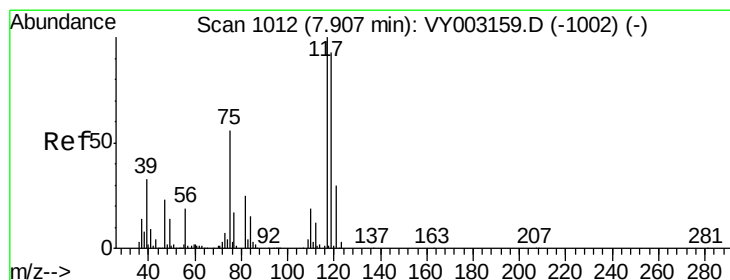
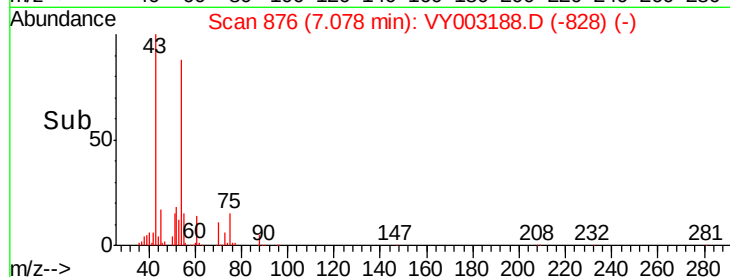
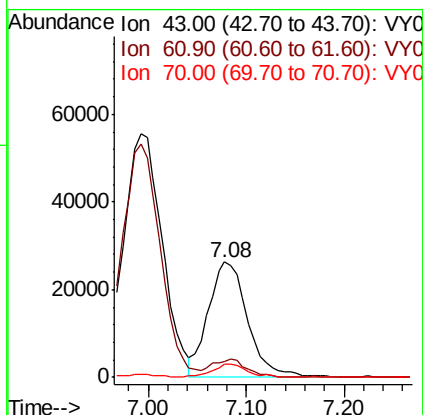
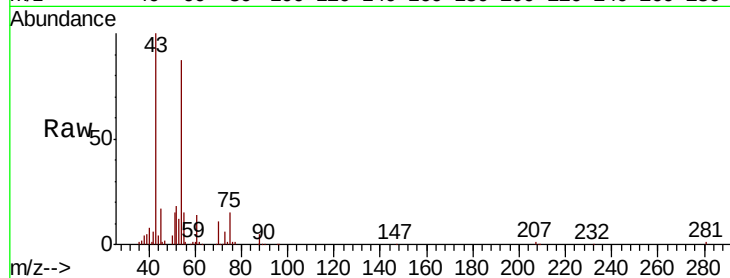




#37
Ethyl Acetate
Concen: 21.906 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

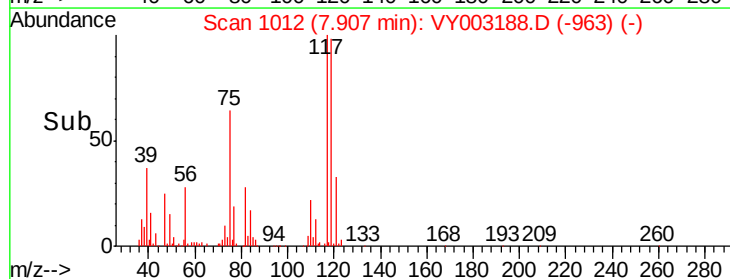
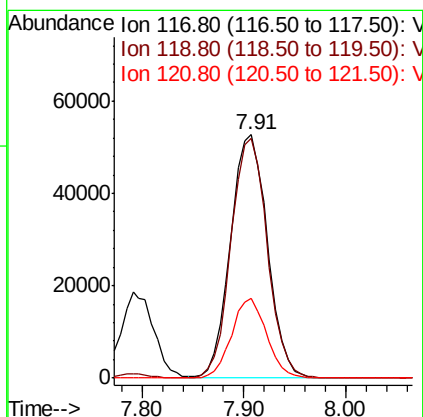
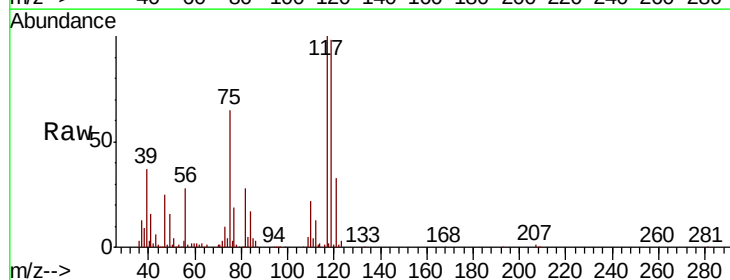
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

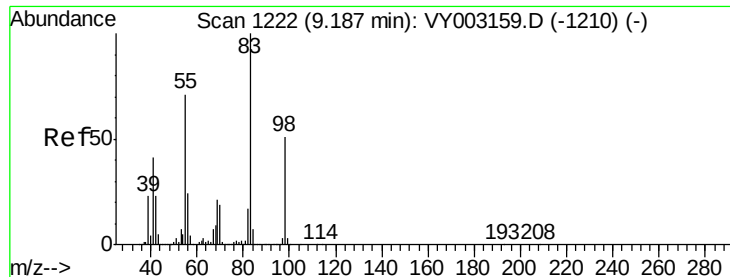
Tot Ion: 43 Resp: 73400
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 10.1 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.600 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Tgt Ion: 117 Resp: 132314
Ion Ratio Lower Upper
117 100
119 98.3 74.5 111.7
121 32.9 24.2 36.2

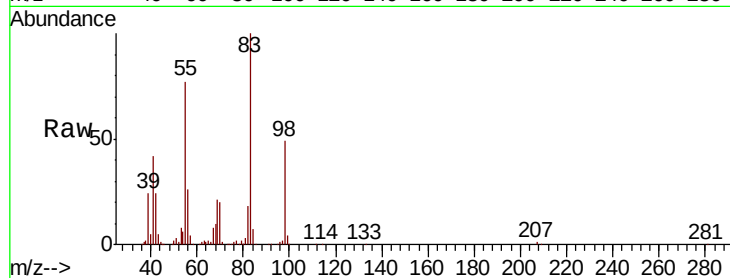




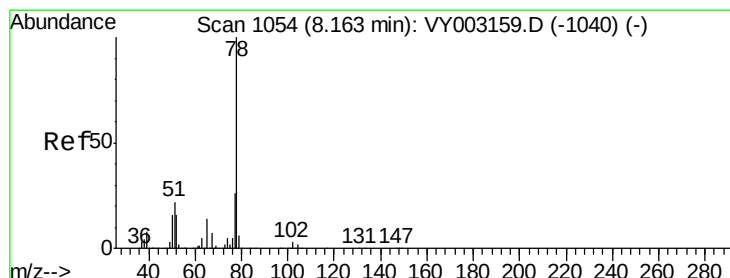
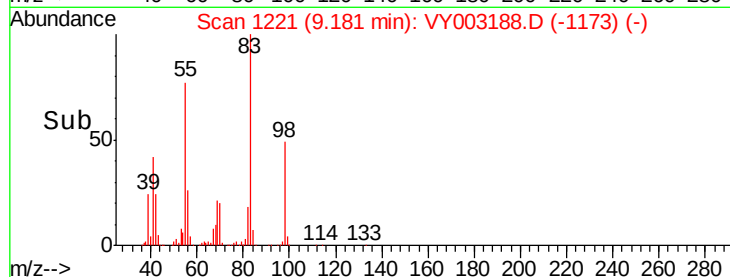
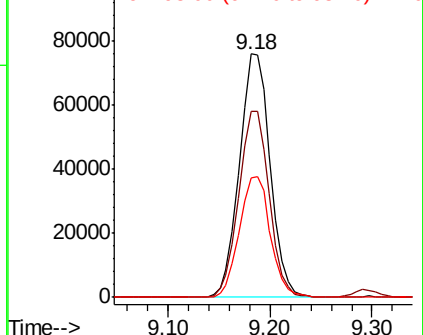
#39
Methylvlcyclohexane
Concen: 20.413 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

Tot Ion: 83 Resp: 159543
Ion Ratio Lower Upper
83 100
55 76.6 57.2 85.8
98 49.0 41.0 61.6

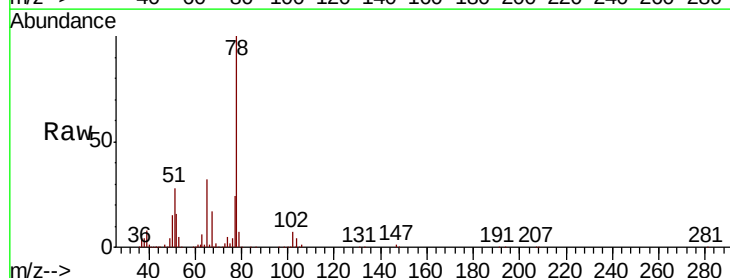


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

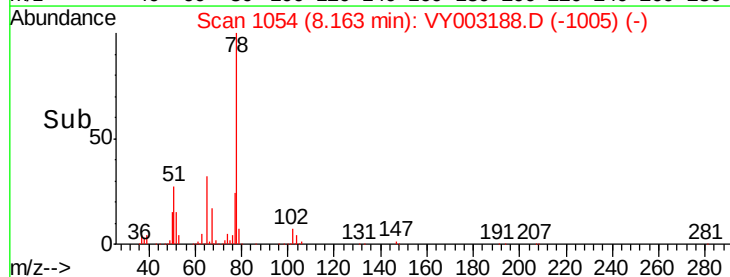
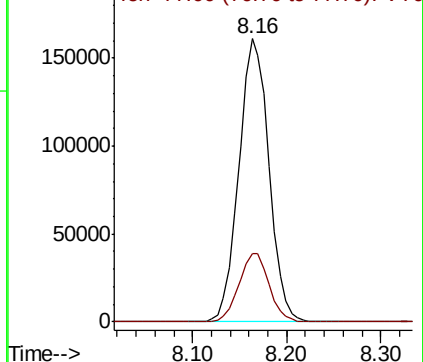


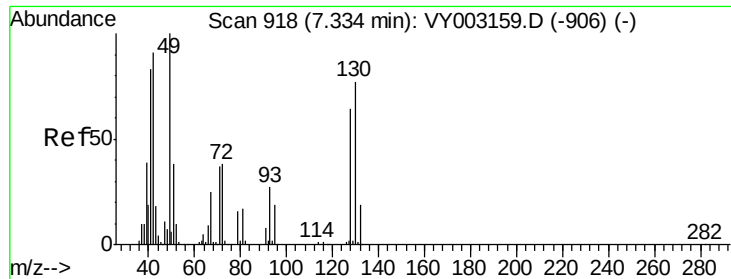
#40
Benzene
Concen: 20.936 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Tgt Ion: 78 Resp: 358669
Ion Ratio Lower Upper
78 100
77 24.3 20.7 31.1



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

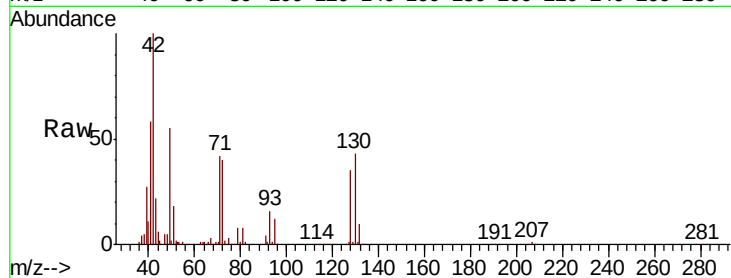




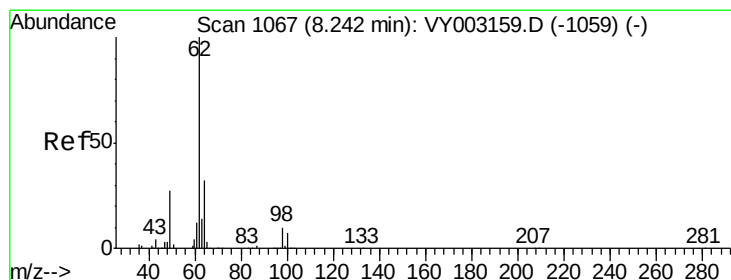
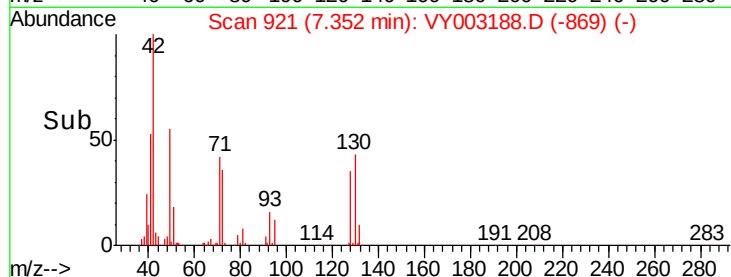
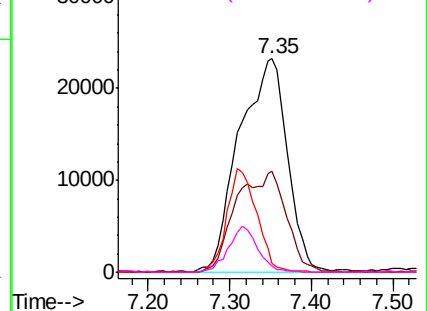
#41
Methacrylonitrile
Concen: 46.837 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

Tot Ion: 41 Resp: 94516
Ion Ratio Lower Upper
41 100
39 0.0 83.3 124.9#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

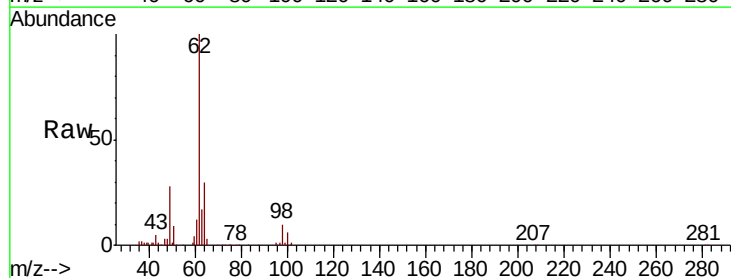


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

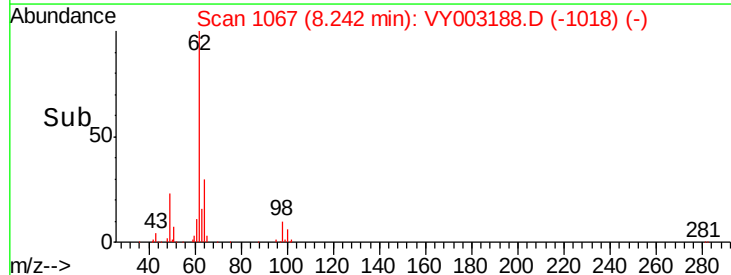
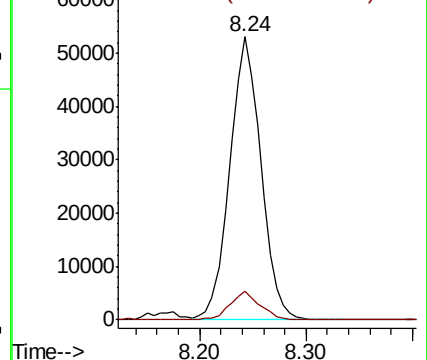


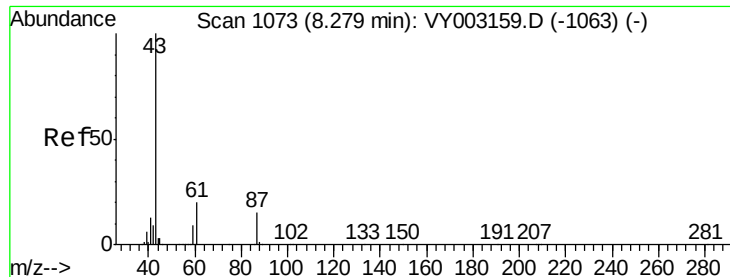
#42
1,2-Dichloroethane
Concen: 20.601 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Tgt Ion: 62 Resp: 108652
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 20.941 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

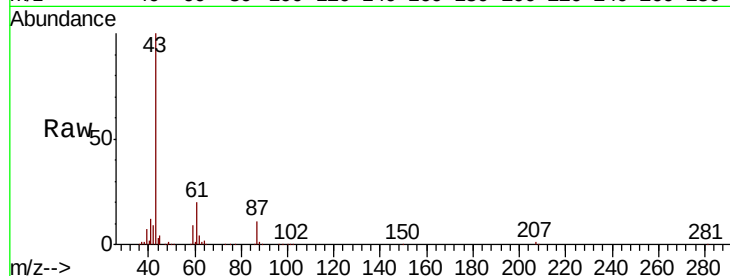
Tot Ion: 43 Resp: 135817

Ion Ratio Lower Upper

43 100

61 29.5 23.7 35.5

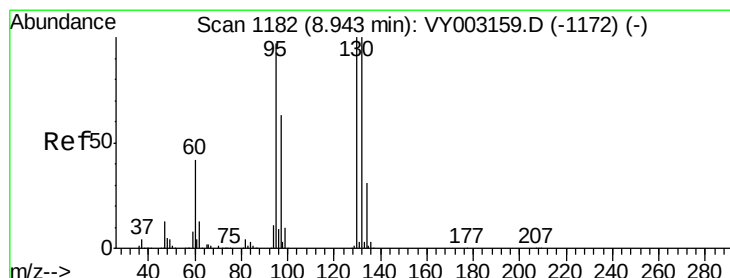
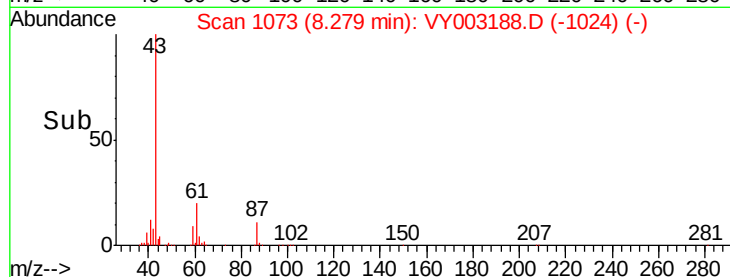
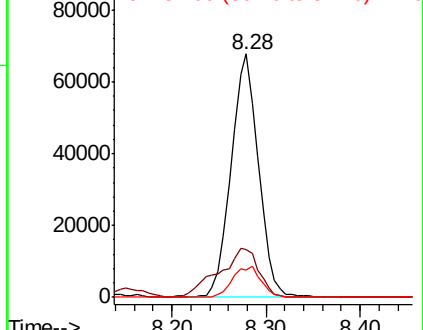
87 13.4 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY003188.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003188.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003188.D (-1024) (-)



#44

Trichloroethene

Concen: 19.705 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003188.D

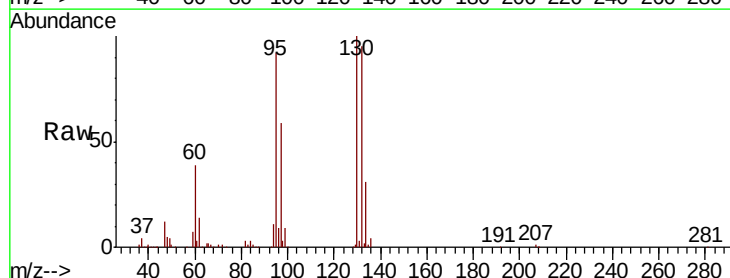
Acq: 14 Jul 2020 12:10

Tgt Ion:130 Resp: 103483

Ion Ratio Lower Upper

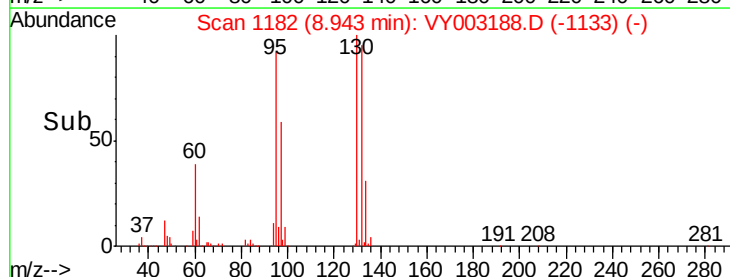
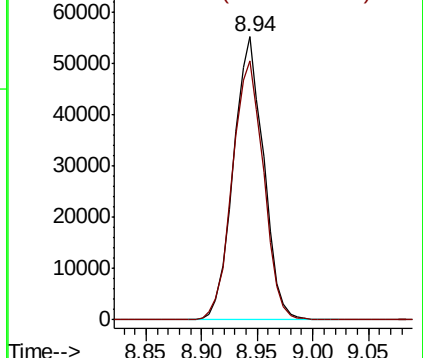
130 100

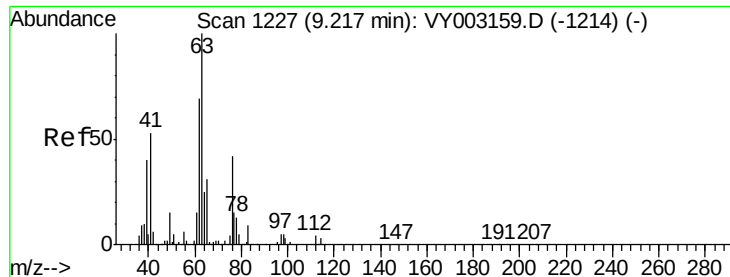
95 91.5 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VY003188.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003188.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 20.770 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

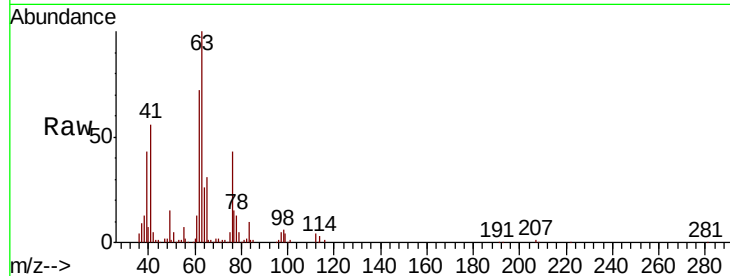
VY0714SBS01

Tot Ion: 63 Resp: 92072

Ion Ratio Lower Upper

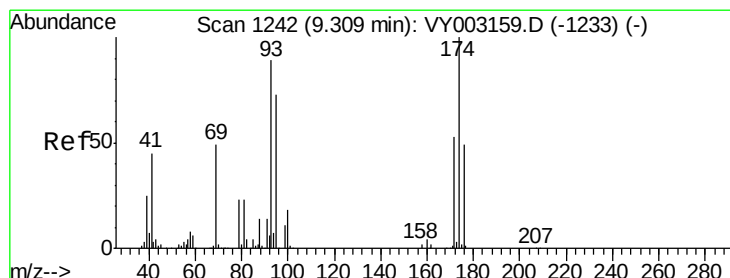
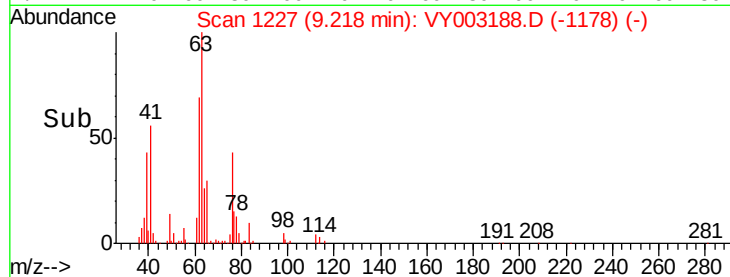
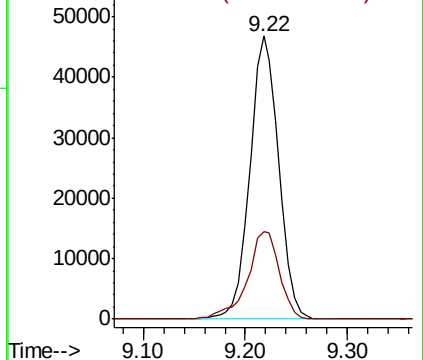
63 100

65 30.8 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 20.463 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

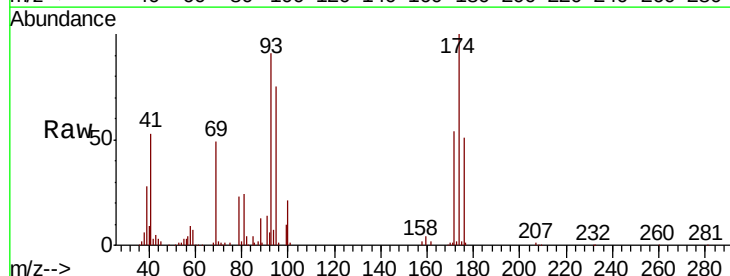
Tgt Ion: 93 Resp: 52980

Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

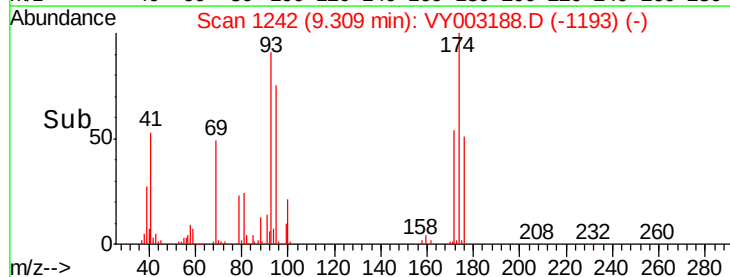
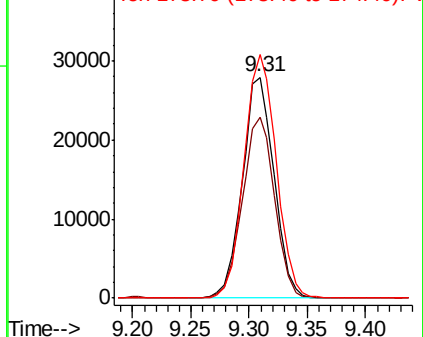
174 111.9 90.2 135.4

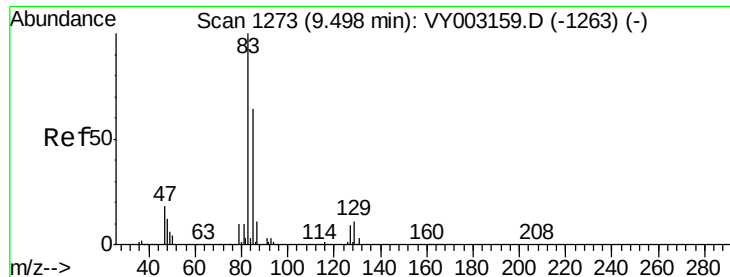


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.567 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

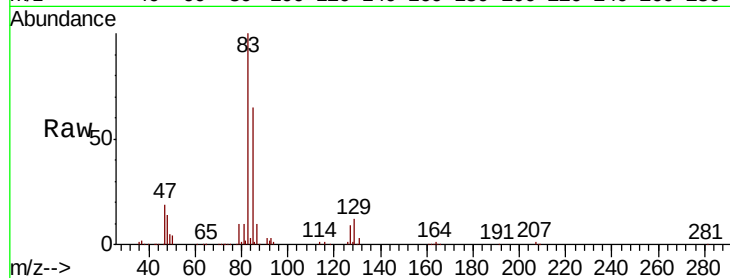
Tot Ion: 83 Resp: 126645

Ion Ratio Lower Upper

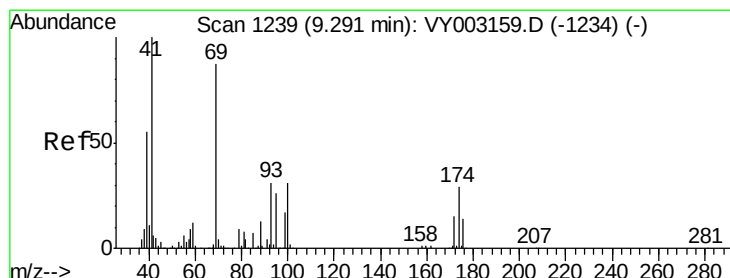
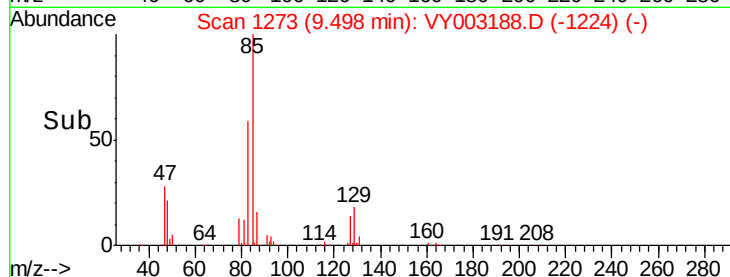
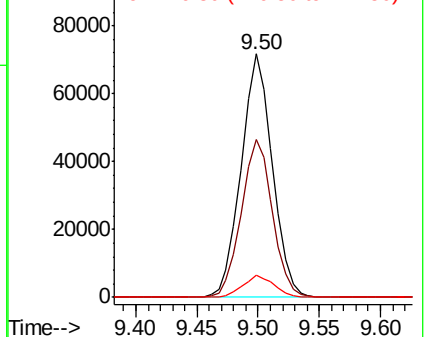
83 100

85 64.7 50.9 76.3

127 8.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 20.675 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

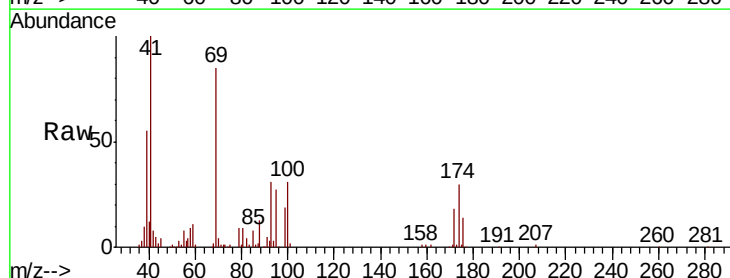
Tgt Ion: 41 Resp: 59944

Ion Ratio Lower Upper

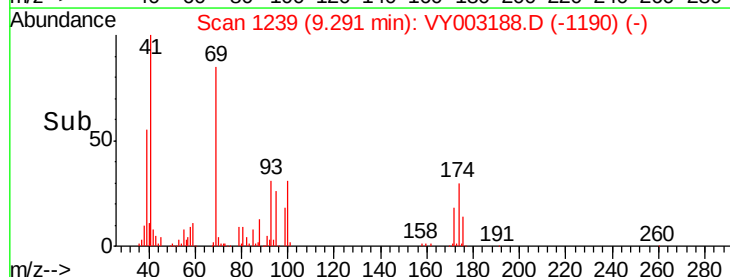
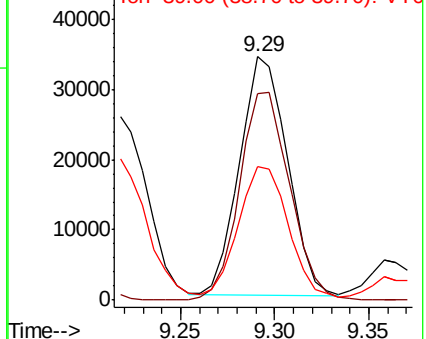
41 100

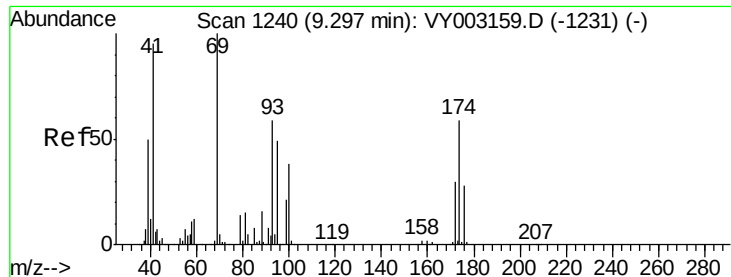
69 91.5 74.5 111.7

39 56.2 47.5 71.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 366.650 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

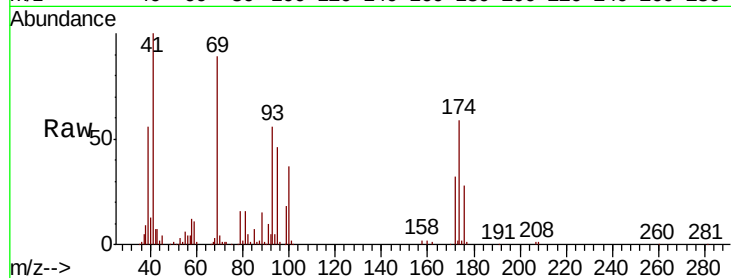
Tot Ion: 88 Resp: 12048

Ion Ratio Lower Upper

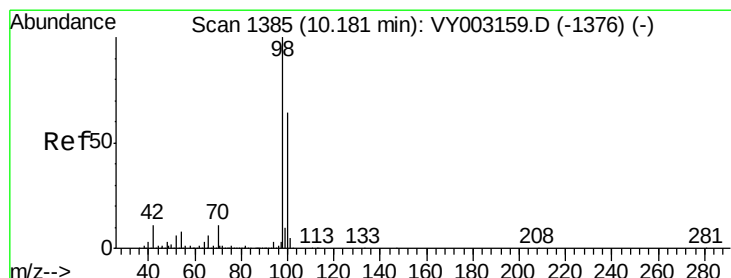
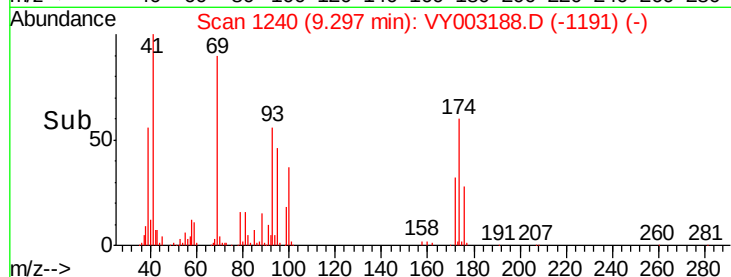
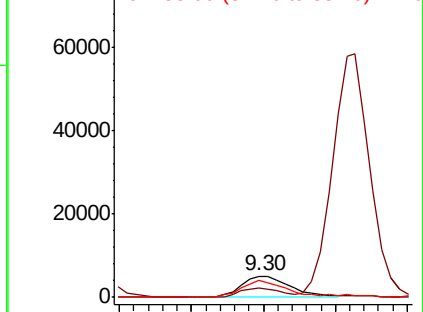
88 100

43 36.3 25.6 38.4

58 74.8 47.8 71.6#



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: 47.438 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003188.D

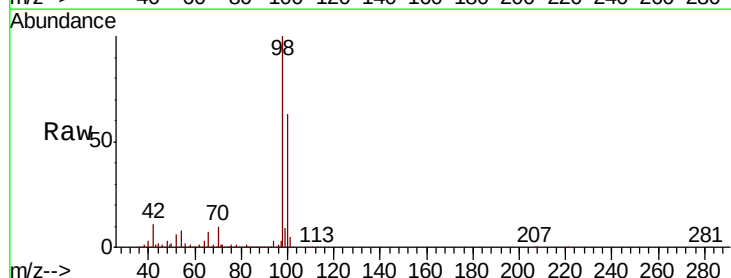
Acq: 14 Jul 2020 12:10

Tgt Ion: 98 Resp: 696739

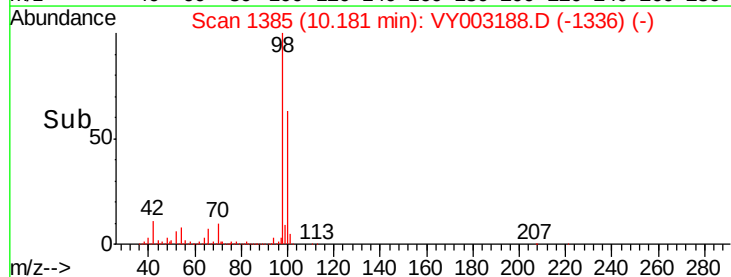
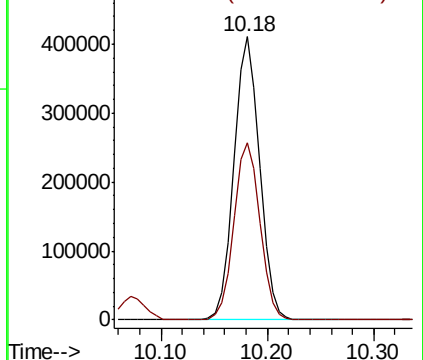
Ion Ratio Lower Upper

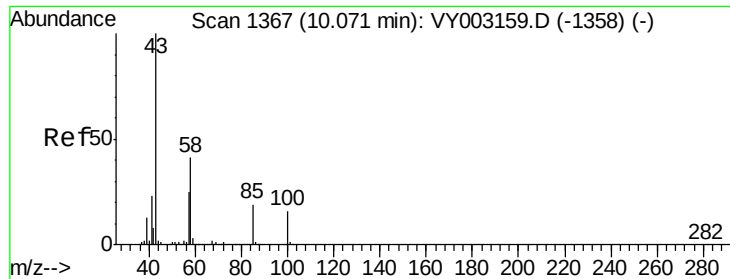
98 100

100 63.6 50.7 76.1



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

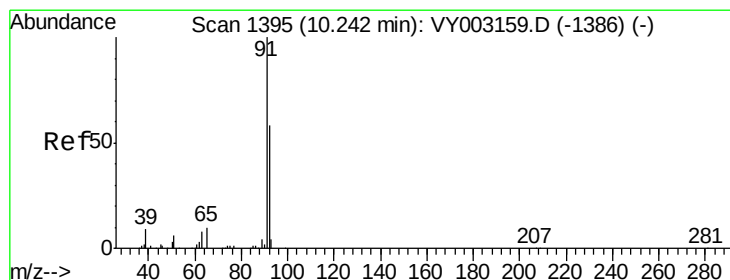
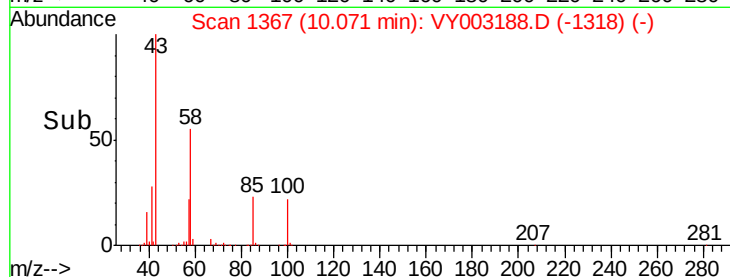
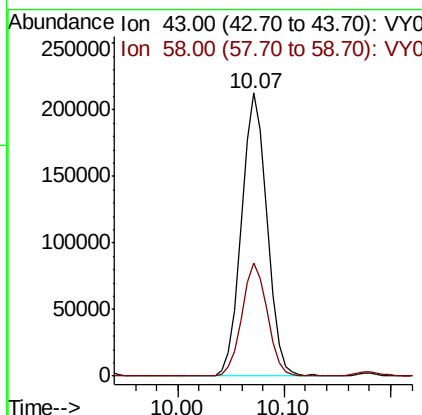
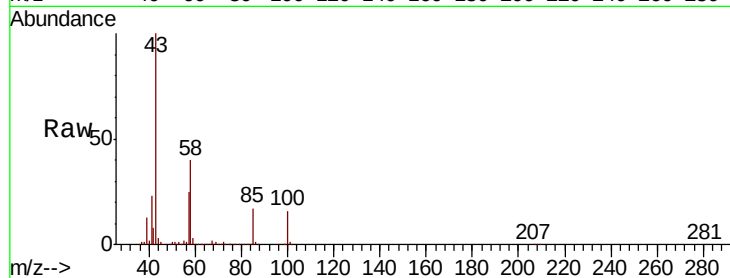




#51
4-Methyl-2-Pentanone
Concen: 106.723 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

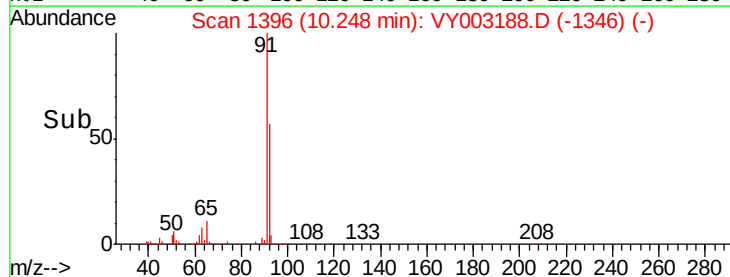
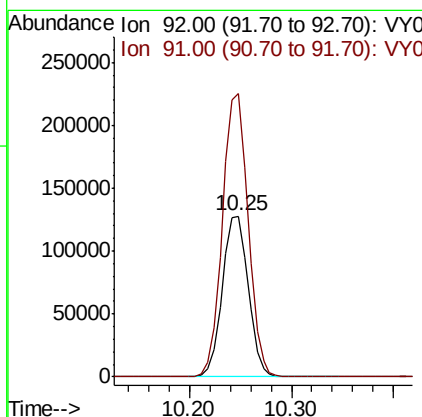
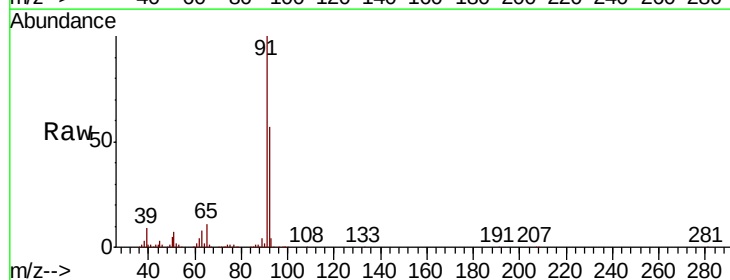
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

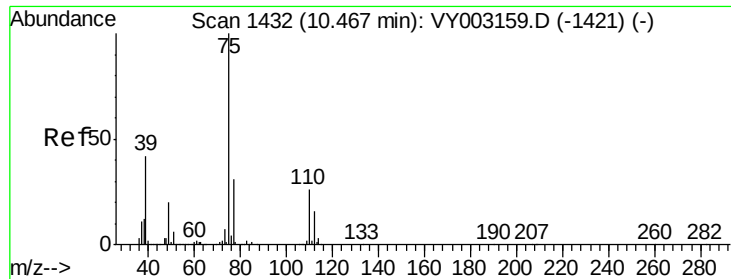
Tot Ion: 43 Resp: 359763
Ion Ratio Lower Upper
43 100
58 39.8 32.7 49.1



#52
Toluene
Concen: 20.671 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Tgt Ion: 92 Resp: 226348
Ion Ratio Lower Upper
92 100
91 174.5 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 20.939 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

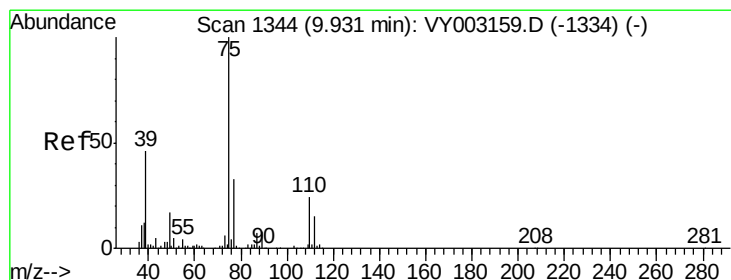
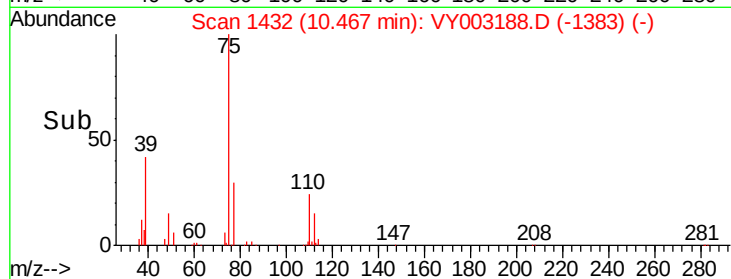
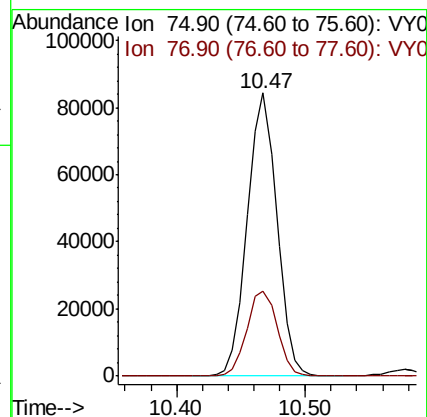
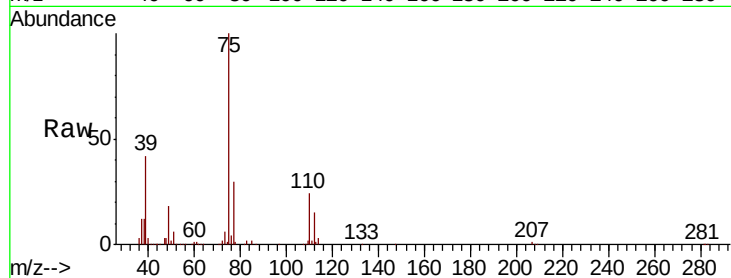
VY0714SBS01

Tot Ion: 75 Resp: 133591

Ion Ratio Lower Upper

75 100

77 30.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.543 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

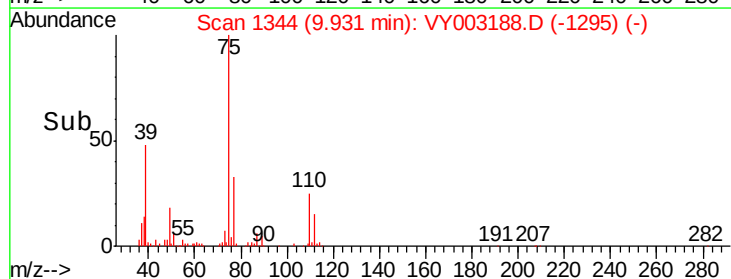
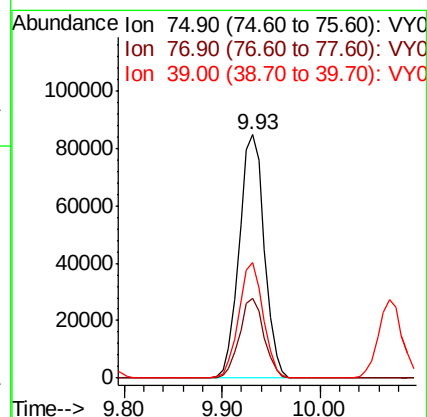
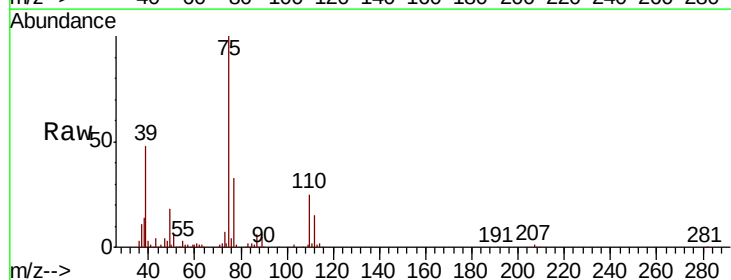
Tgt Ion: 75 Resp: 151012

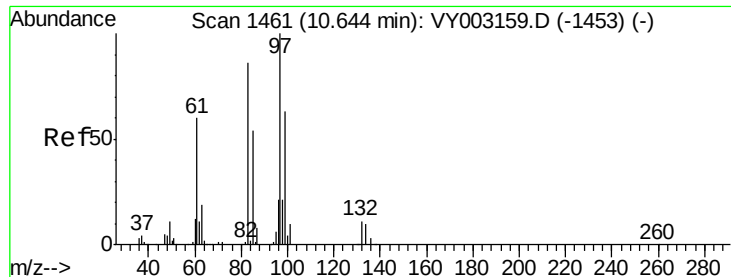
Ion Ratio Lower Upper

75 100

77 32.9 26.7 40.1

39 47.7 37.0 55.6

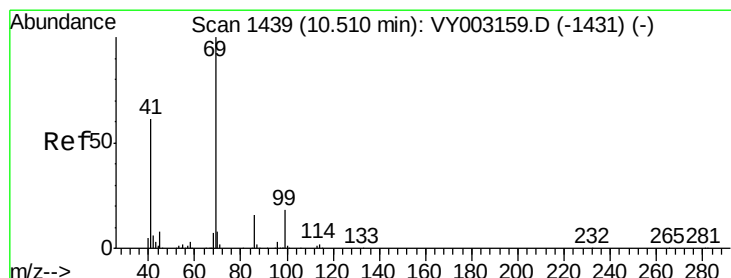
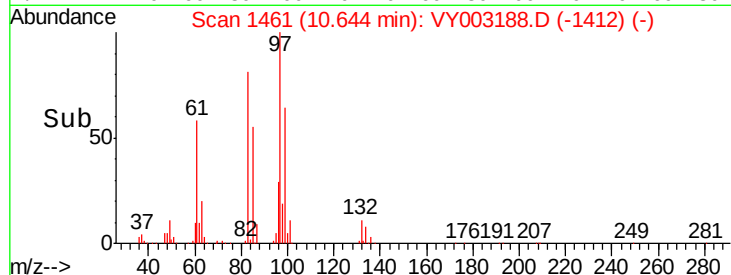
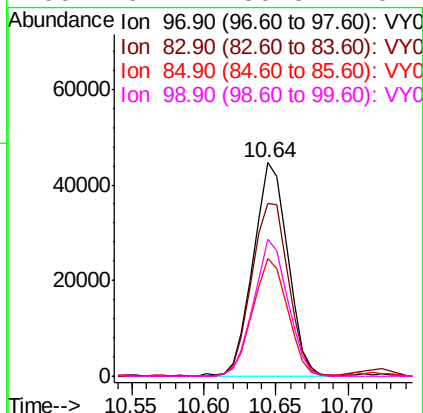
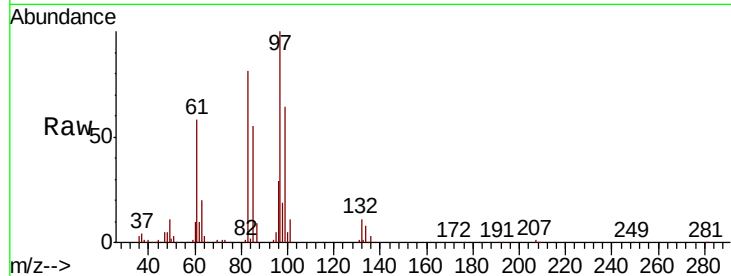




#55
 1,1,2-Trichloroethane
 Concen: 20.315 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

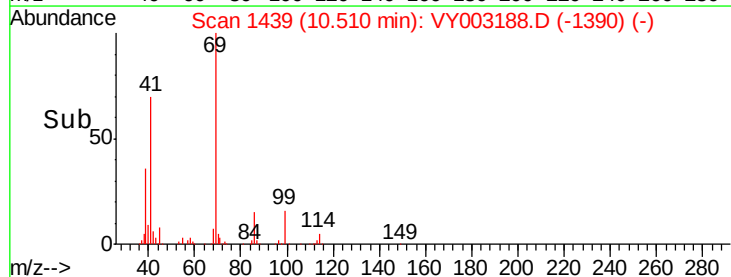
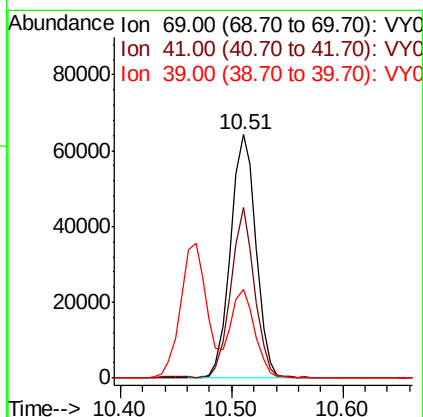
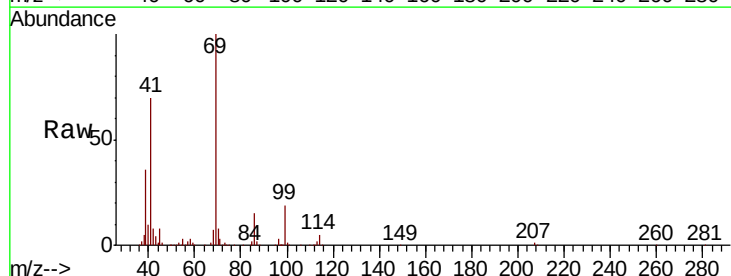
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

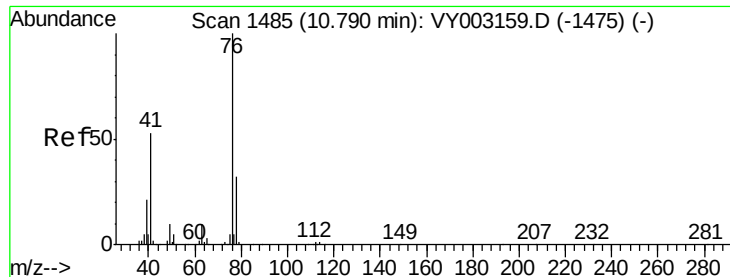
Tot Ion: 97 Resp: 74533
 Ion Ratio Lower Upper
 97 100
 83 80.8 68.8 103.2
 85 55.1 43.1 64.7
 99 64.4 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 20.379 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

Tgt Ion: 69 Resp: 101647
 Ion Ratio Lower Upper
 69 100
 41 64.7 50.0 75.0
 39 33.3 27.6 41.4





#57

1,3-Dichloropropane

Concen: 20.801 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

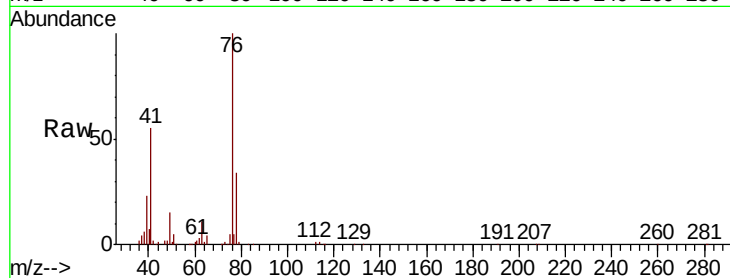
VY0714SBS01

Tot Ion: 76 Resp: 129396

Ion Ratio Lower Upper

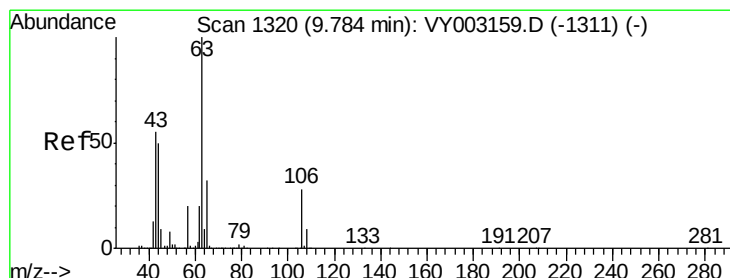
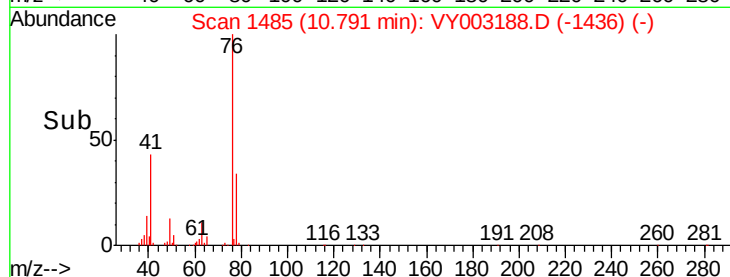
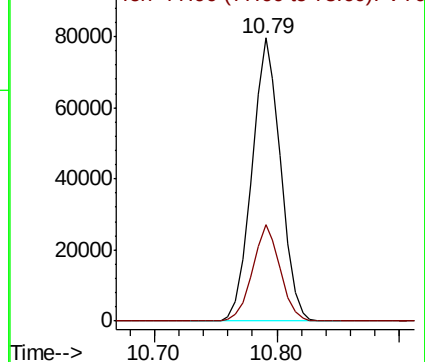
76 100

78 33.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 106.511 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003188.D

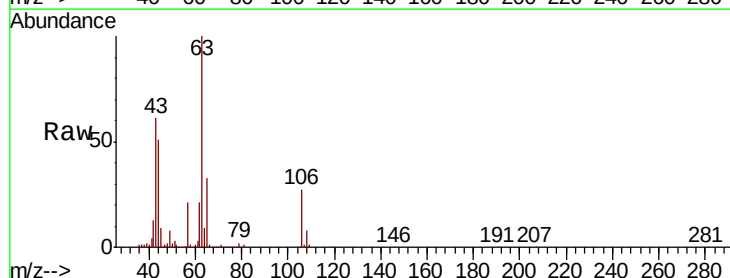
Acq: 14 Jul 2020 12:10

Tgt Ion: 63 Resp: 270945

Ion Ratio Lower Upper

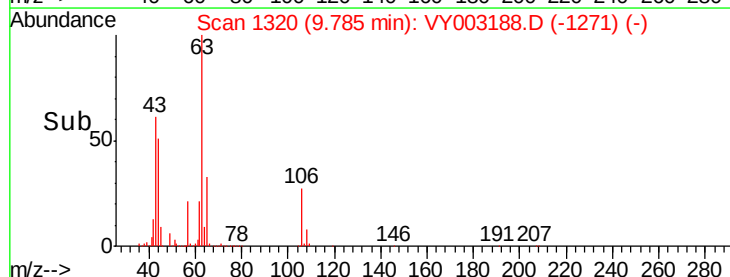
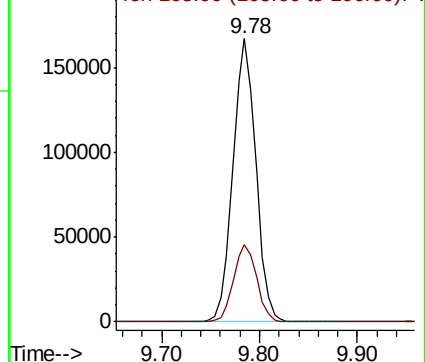
63 100

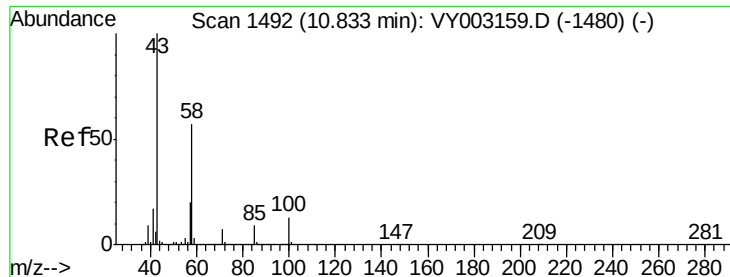
106 27.4 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

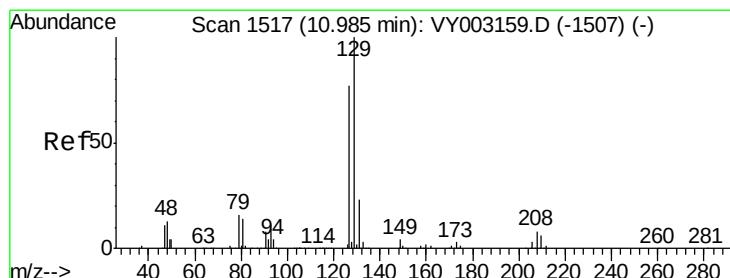
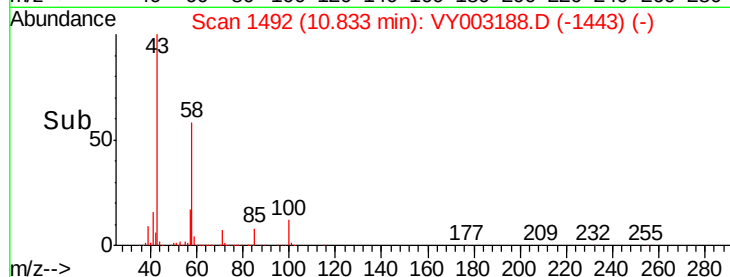
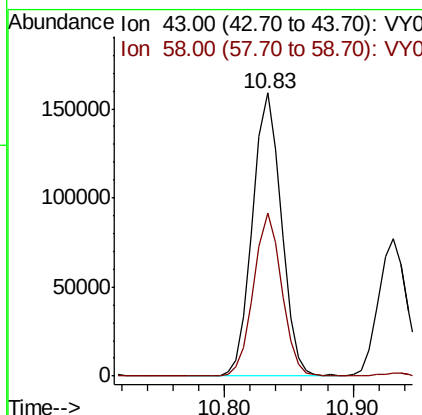
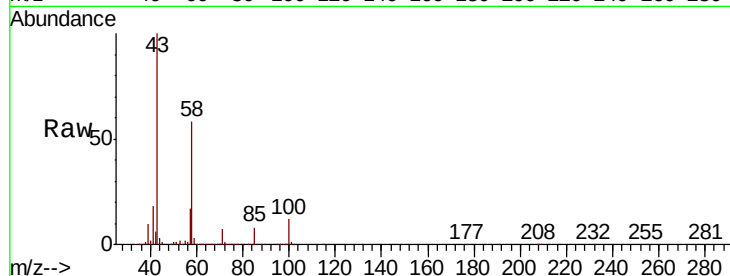




#59
2-Hexanone
Concen: 104.494 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

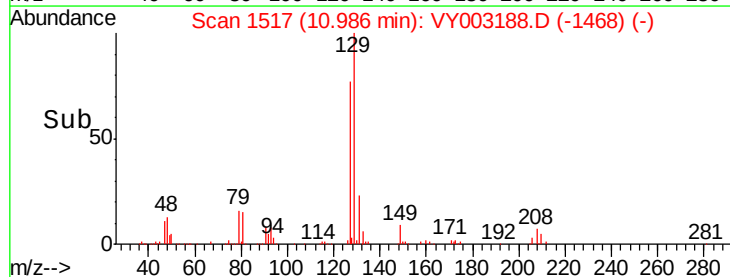
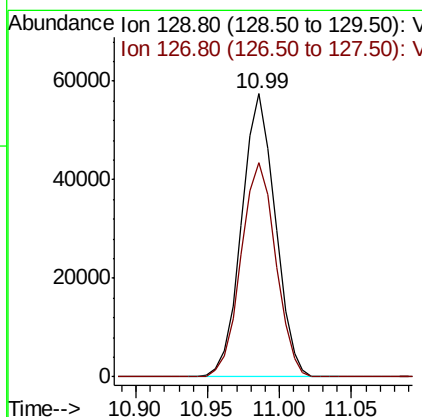
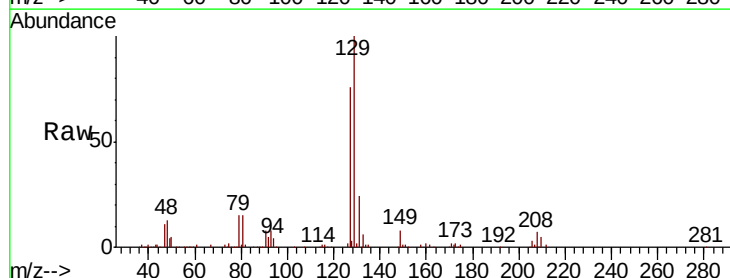
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

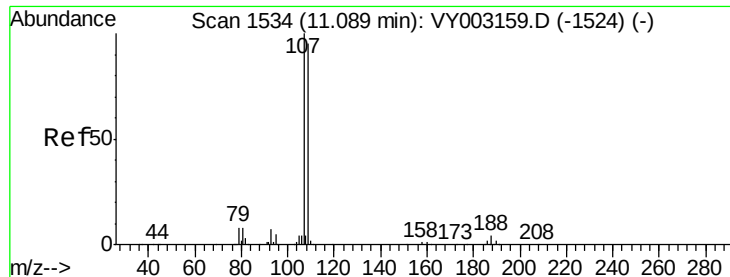
Tot Ion: 43 Resp: 245895
Ion Ratio Lower Upper
43 100
58 56.2 28.3 85.0



#60
Dibromochloromethane
Concen: 20.162 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Tgt Ion: 129 Resp: 93036
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.776 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

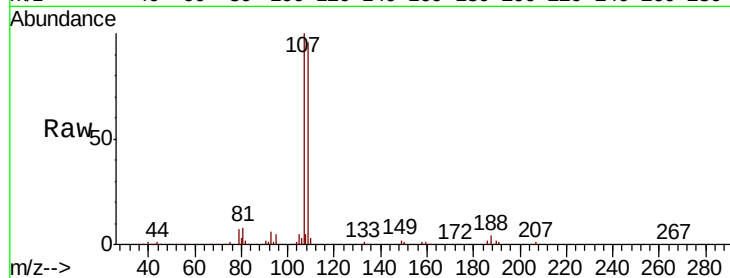
VY0714SBS01

Tot Ion:107 Resp: 71607

Ion Ratio Lower Upper

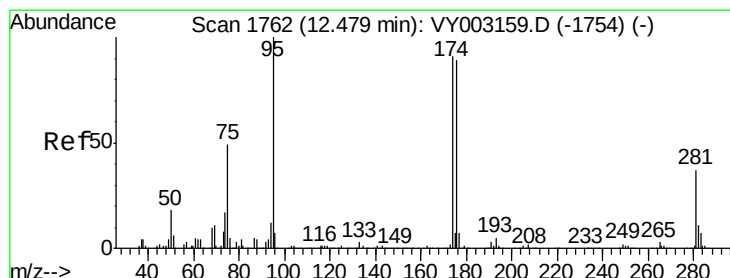
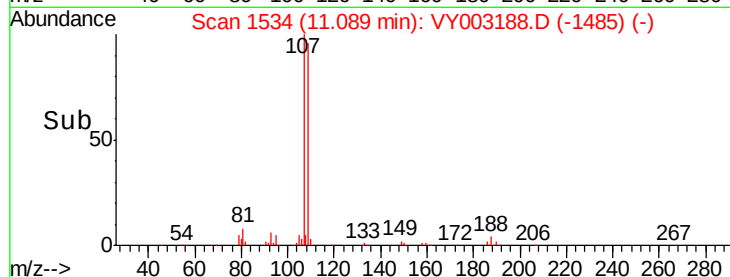
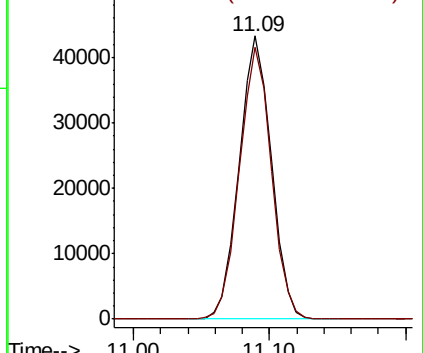
107 100

109 95.6 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.312 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

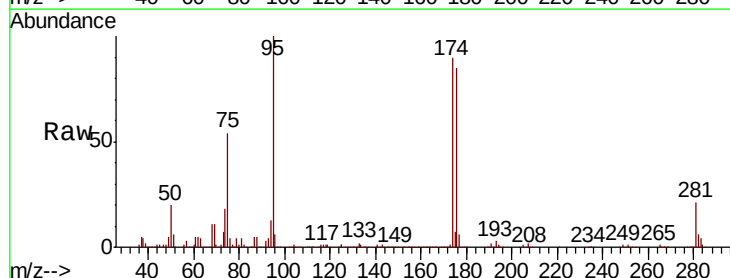
Tgt Ion: 95 Resp: 251035

Ion Ratio Lower Upper

95 100

174 94.4 0.0 190.6

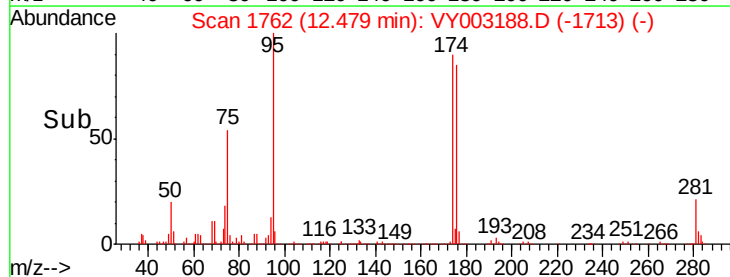
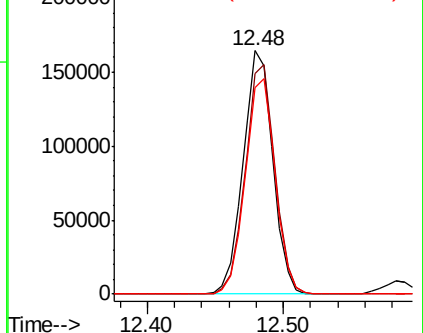
176 89.8 0.0 186.4

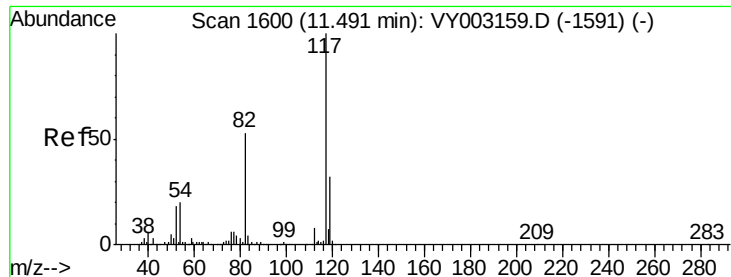


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

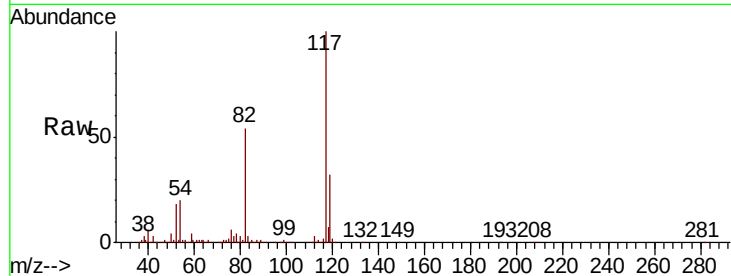




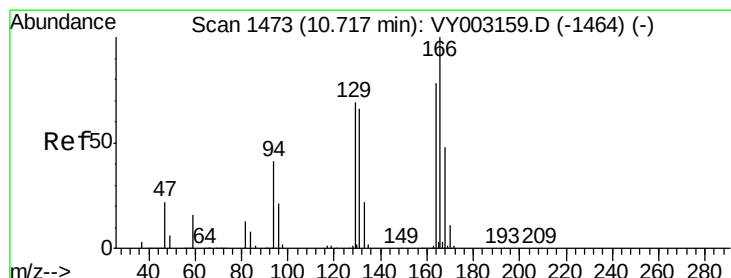
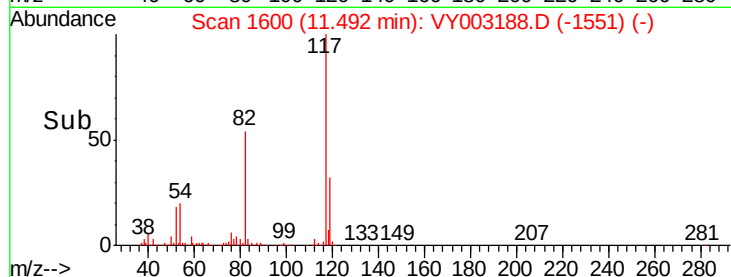
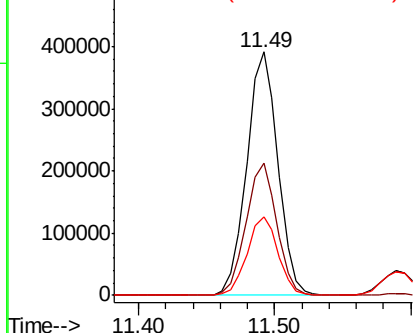
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

Tot Ion:117 Resp: 627731
Ion Ratio Lower Upper
117 100
82 54.1 42.0 63.0
119 32.0 25.5 38.3

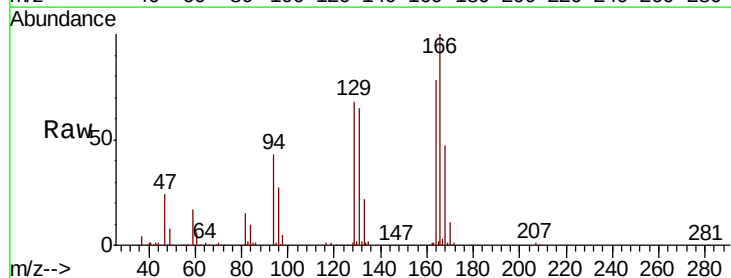


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

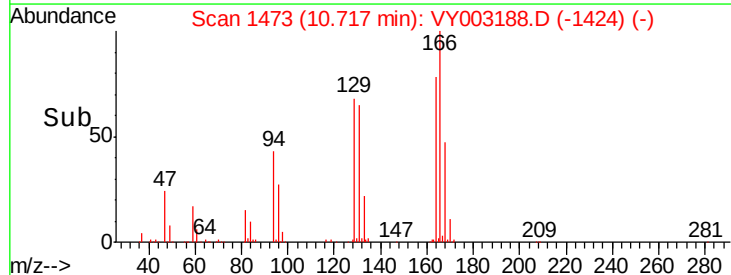
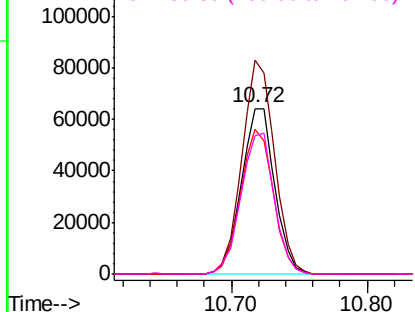


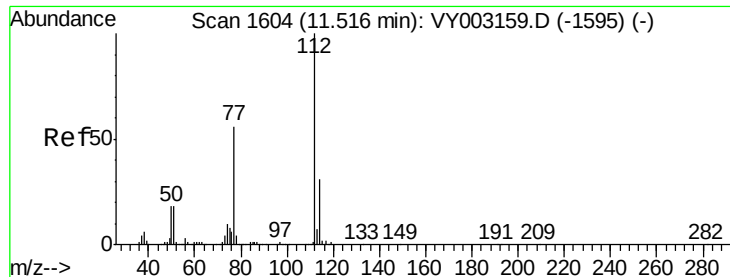
#64
Tetrachloroethene
Concen: 19.603 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Tgt Ion:164 Resp: 109718
Ion Ratio Lower Upper
164 100
166 129.0 102.9 154.3
129 87.3 71.4 107.2
131 83.5 68.1 102.1



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

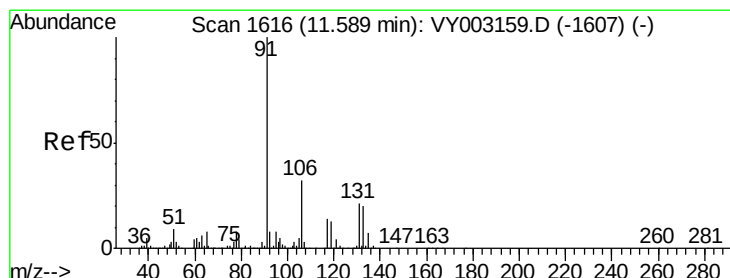
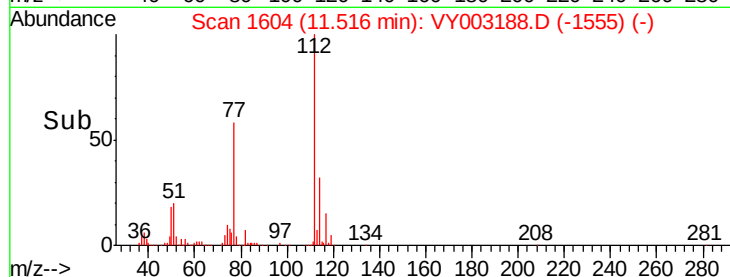
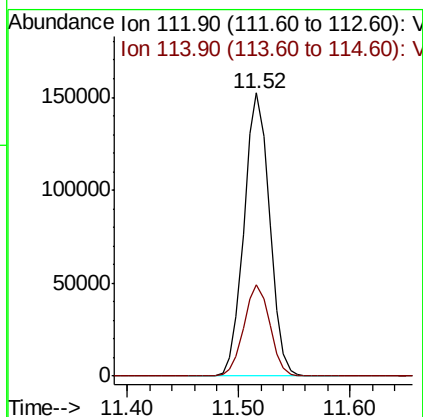
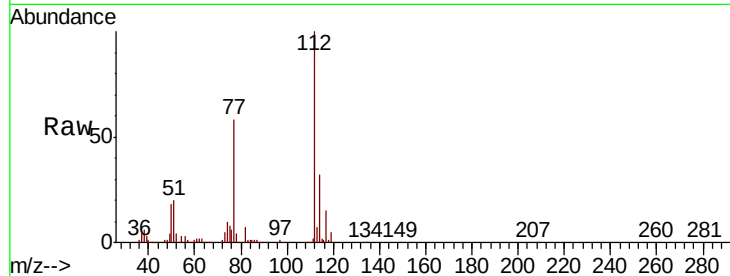




#65
Chlorobenzene
Concen: 20.150 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

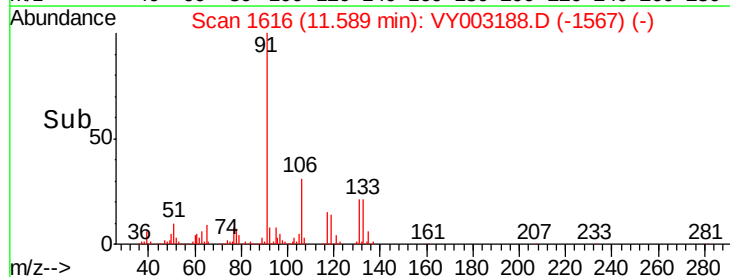
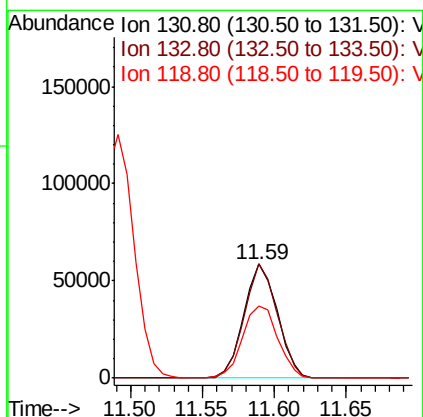
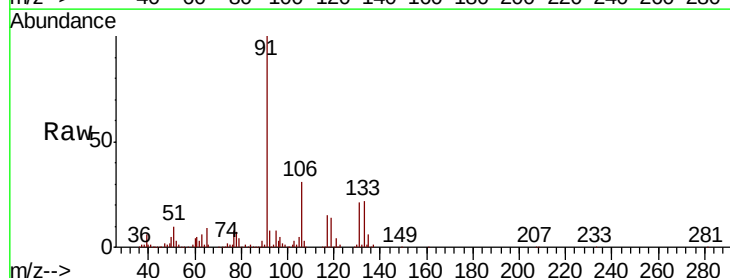
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

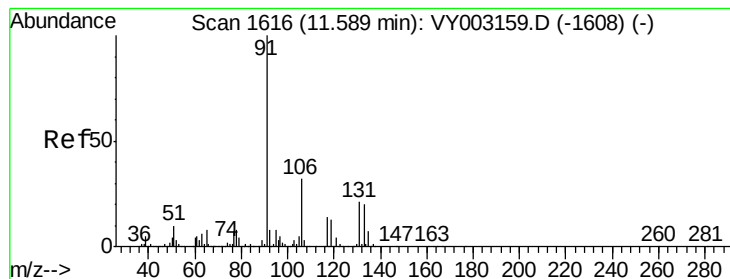
Tot Ion:112 Resp: 243671
Ion Ratio Lower Upper
112 100
114 32.3 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.221 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Tgt Ion:131 Resp: 94975
Ion Ratio Lower Upper
131 100
133 98.3 48.0 144.0
119 66.5 32.4 97.0





#67

Ethyl Benzene

Concen: 20.667 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

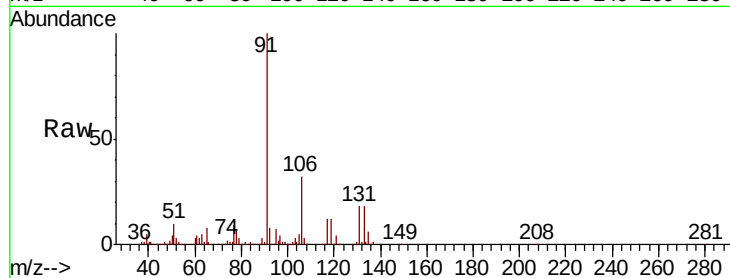
VY0714SBS01

Tot Ion: 91 Resp: 446230

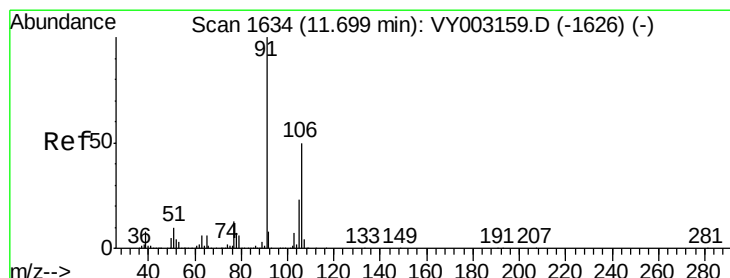
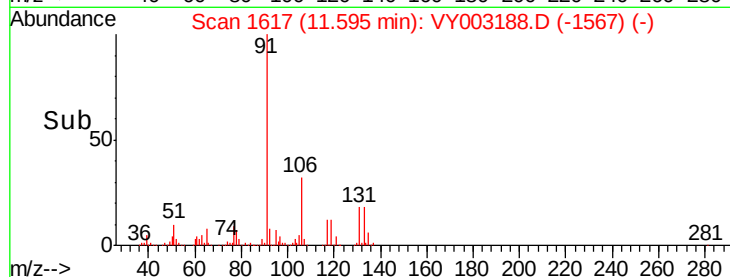
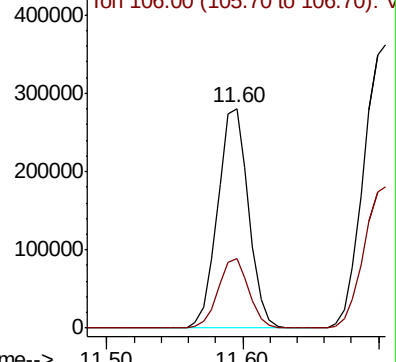
Ion Ratio Lower Upper

91 100

106 31.5 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1608) (-)



#68

m/p-Xylenes

Concen: 40.404 ug/l

RT: 11.71 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY003188.D

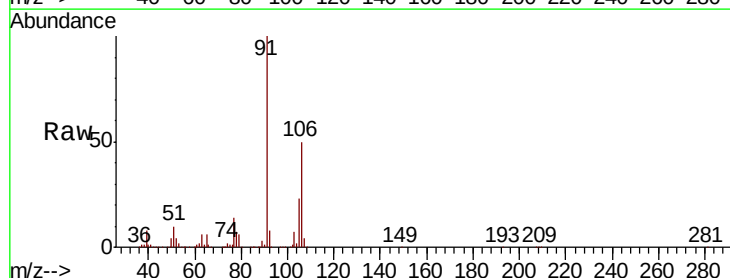
Acq: 14 Jul 2020 12:10

Tgt Ion: 106 Resp: 331008

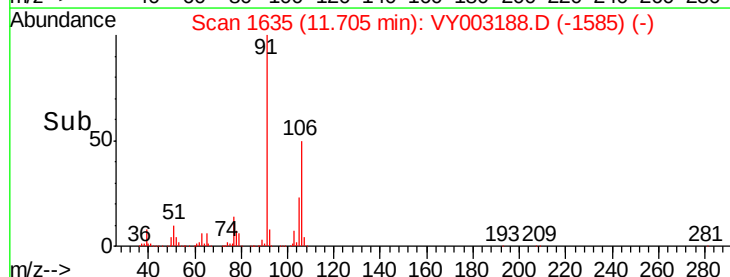
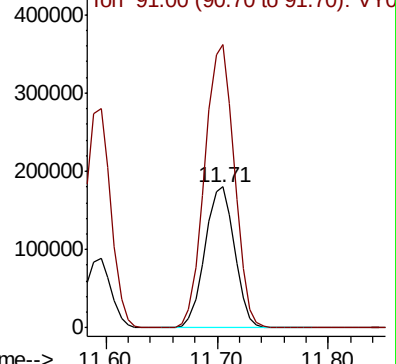
Ion Ratio Lower Upper

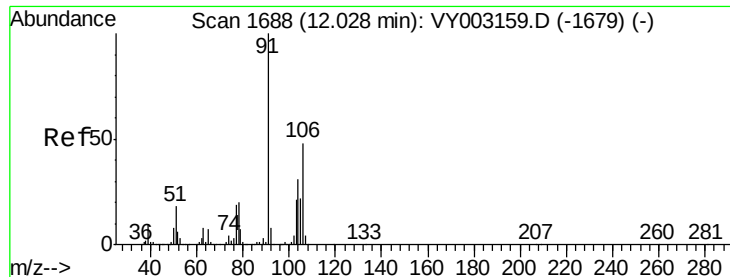
106 100

91 202.0 159.0 238.6



Abundance Ion 106.00 (105.70 to 106.70): VY003159.D (-1626) (-)

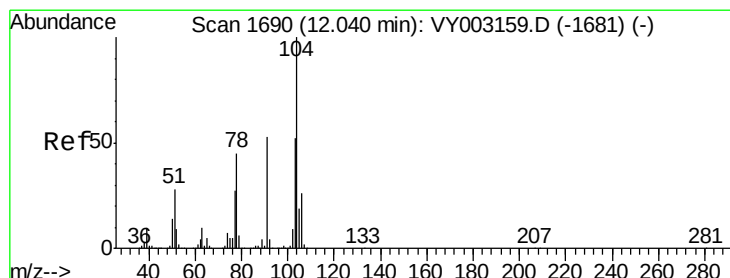
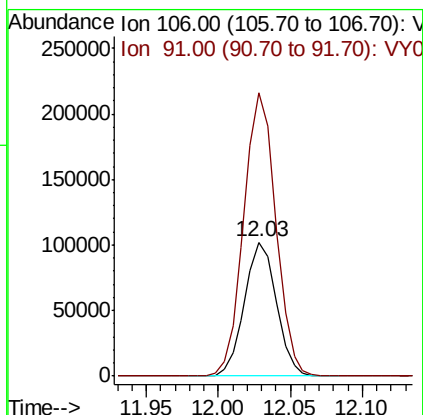
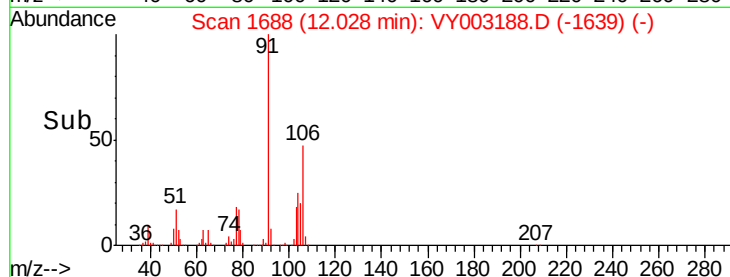
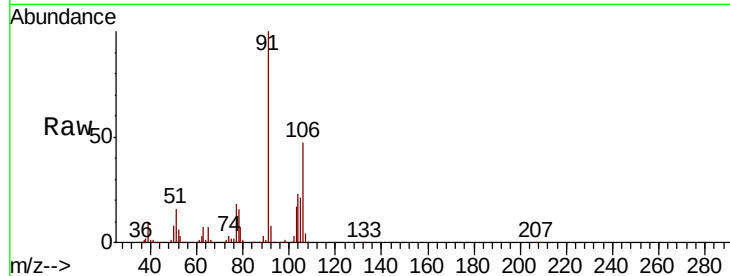




#69
o-Xylene
Concen: 20.579 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

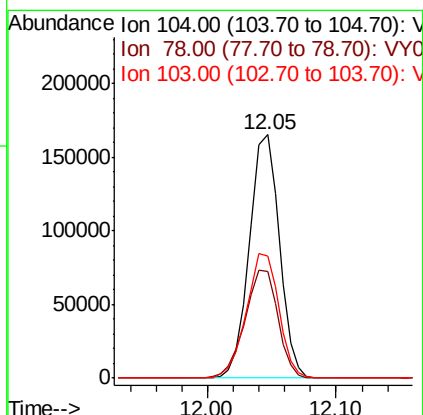
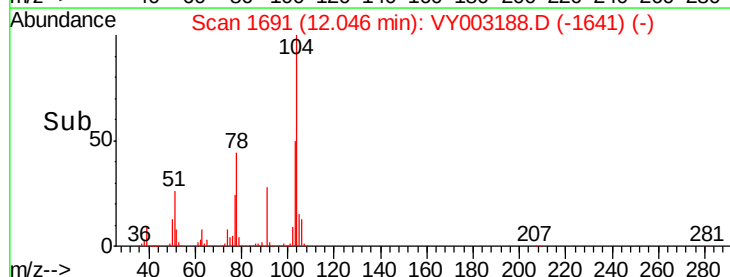
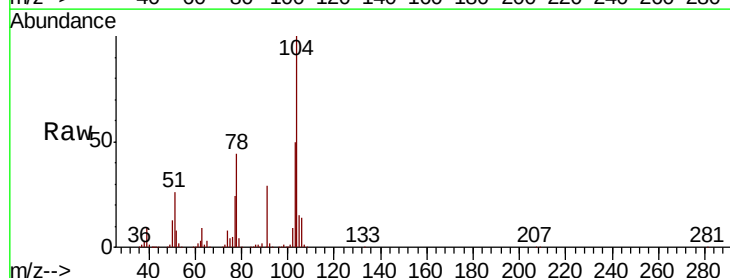
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

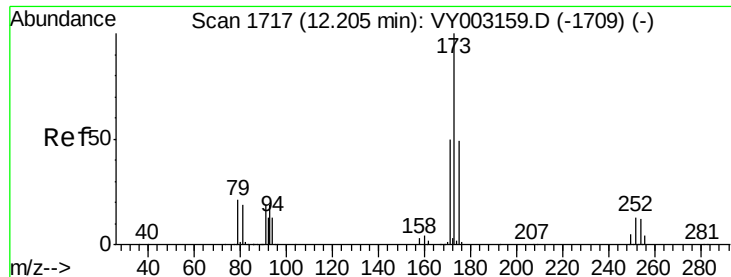
Tot Ion:106 Resp: 157502
Ion Ratio Lower Upper
106 100
91 211.8 105.1 315.1



#70
Styrene
Concen: 20.329 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Tgt Ion:104 Resp: 266158
Ion Ratio Lower Upper
104 100
78 48.9 38.5 57.7
103 55.4 43.9 65.9





#71

Bromoform

Concen: 19.855 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

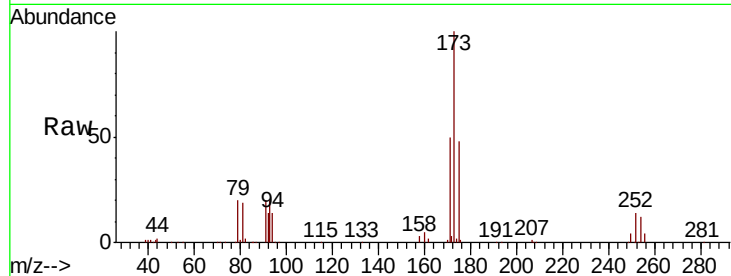
Tot Ion:173 Resp: 61205

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

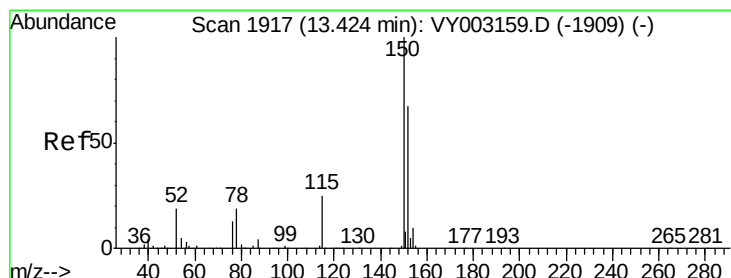
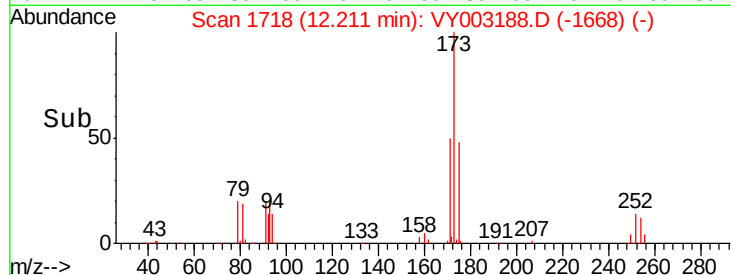
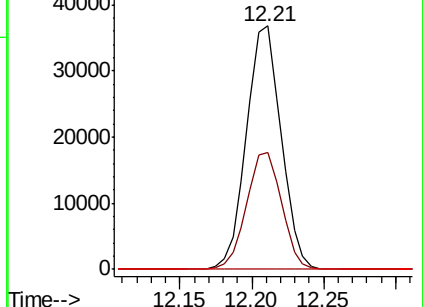
254 0.0 0.2 0.2#



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: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

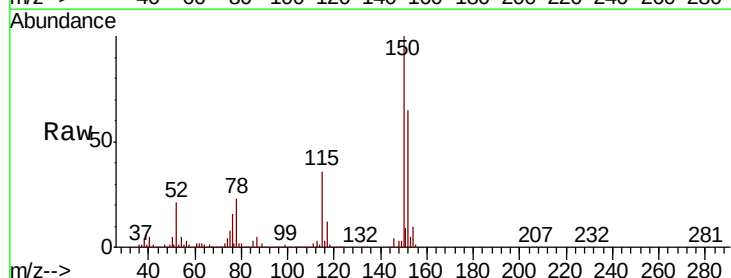
Tgt Ion:152 Resp: 331054

Ion Ratio Lower Upper

152 100

115 54.9 26.9 80.7

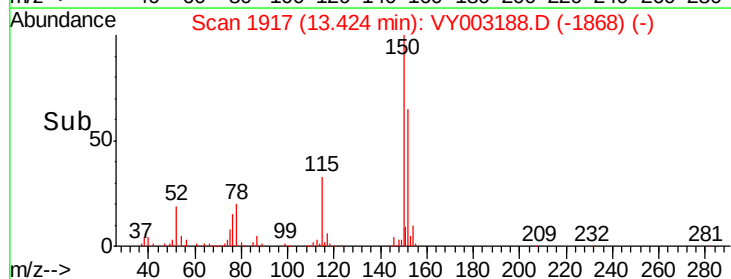
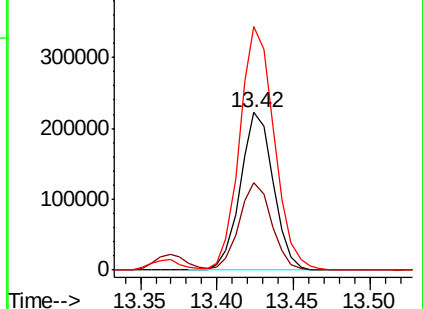
150 162.5 0.0 338.0

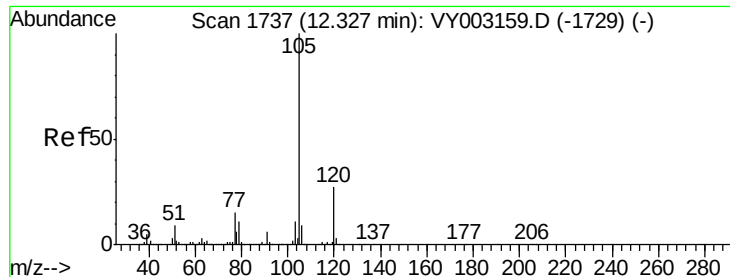


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.503 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

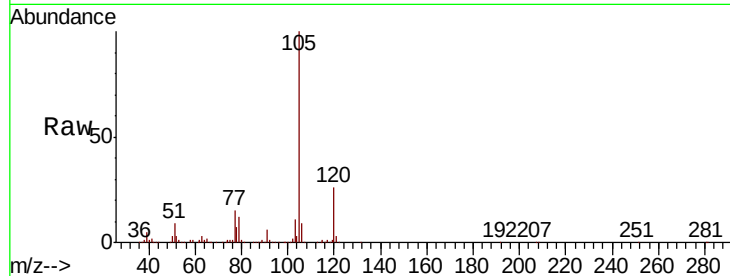
VY0714SBS01

Tot Ion:105 Resp: 432558

Ion Ratio Lower Upper

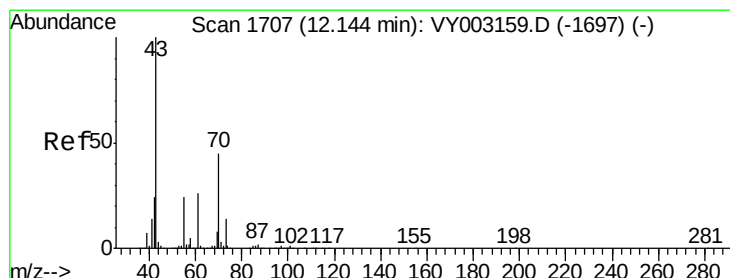
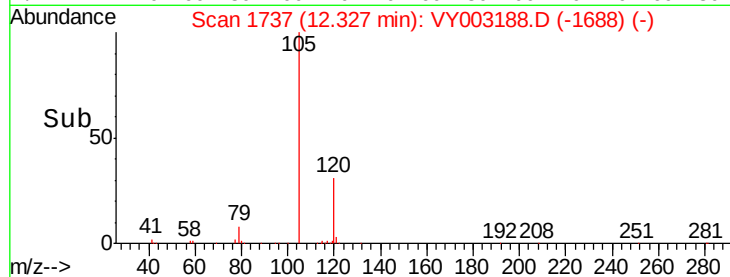
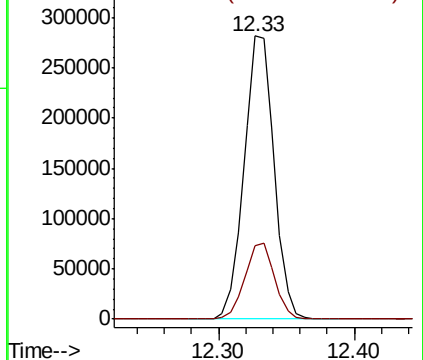
105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.106 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Tgt Ion: 43 Resp: 124935

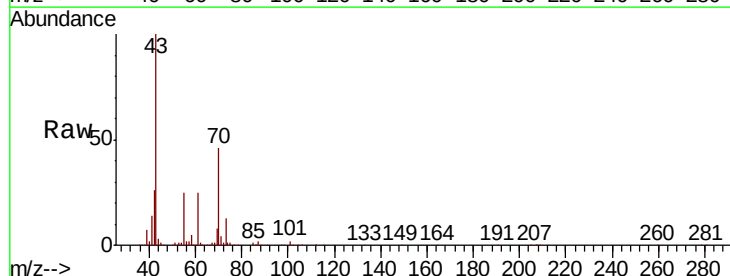
Ion Ratio Lower Upper

43 100

70 44.5 35.6 53.4

55 24.2 19.4 29.2

61 25.4 20.8 31.2

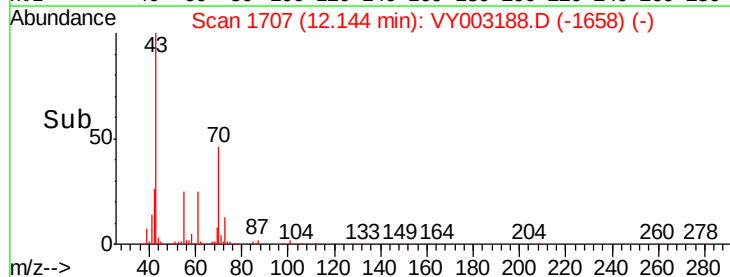
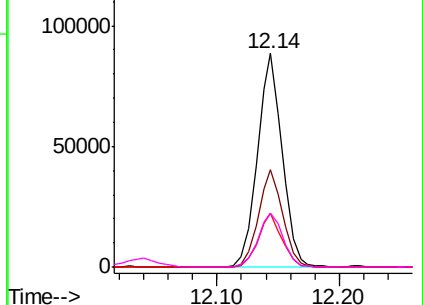


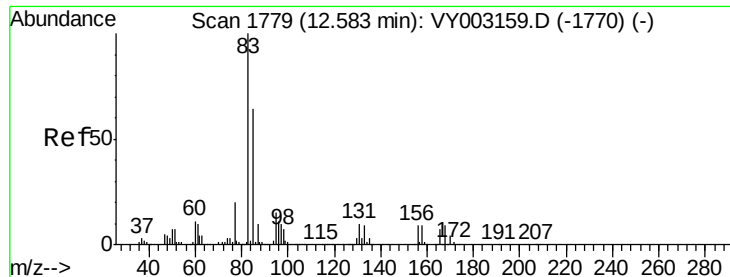
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.709 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

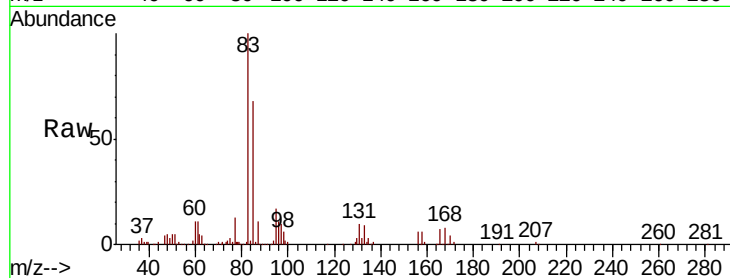
Tot Ion: 83 Resp: 84379

Ion Ratio Lower Upper

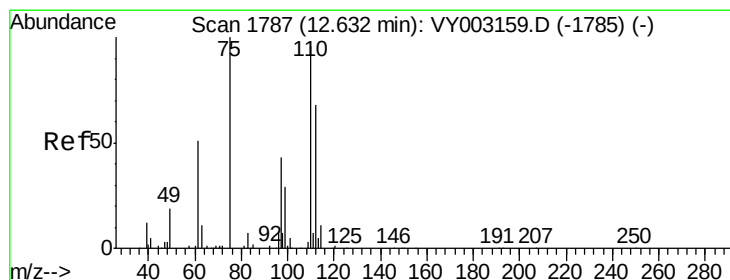
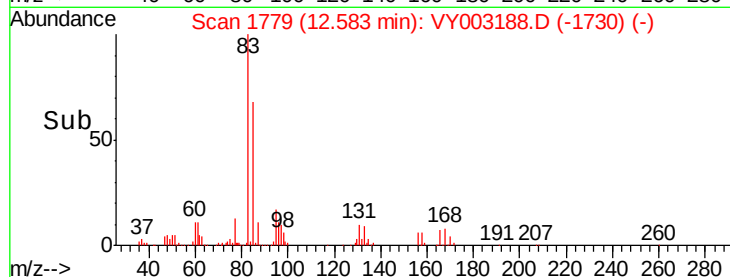
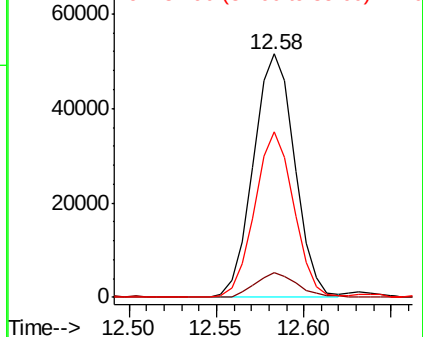
83 100

131 10.4 5.2 15.6

85 64.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 39.699 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY003188.D

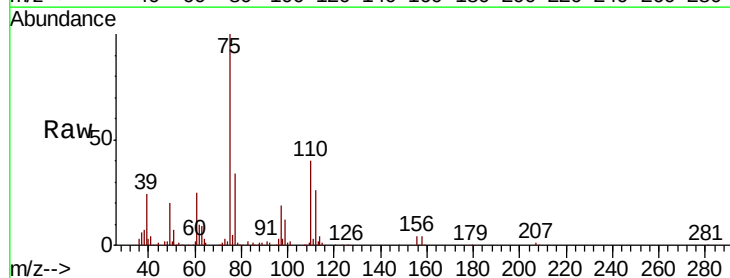
Acq: 14 Jul 2020 12:10

Tgt Ion: 75 Resp: 116335

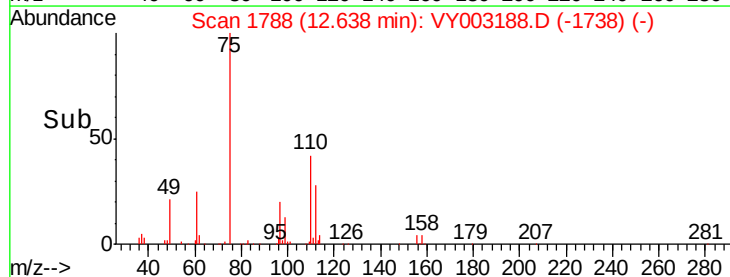
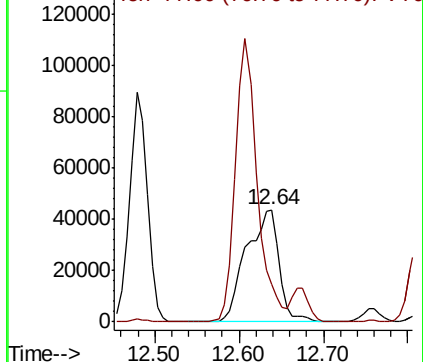
Ion Ratio Lower Upper

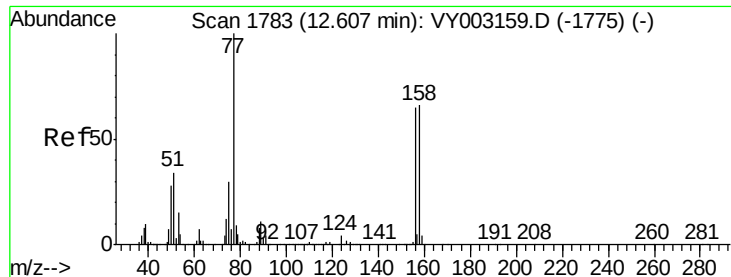
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.095 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

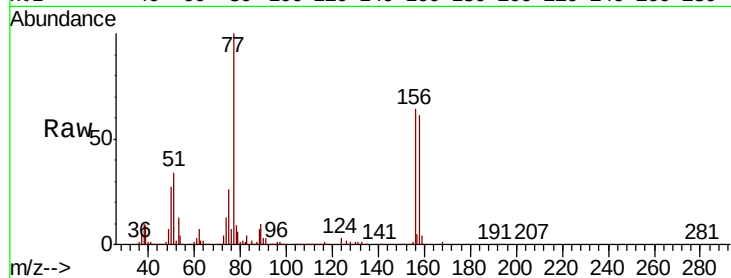
Tot Ion:156 Resp: 108063

Ion Ratio Lower Upper

156 100

77 178.8 86.6 259.7

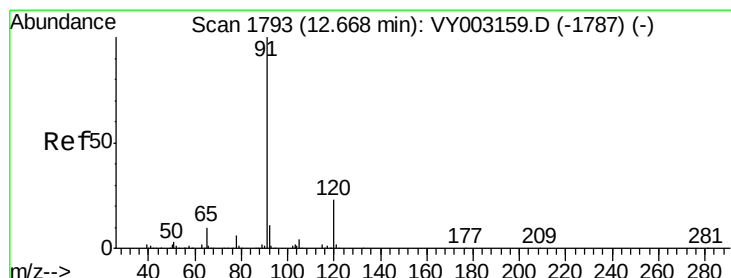
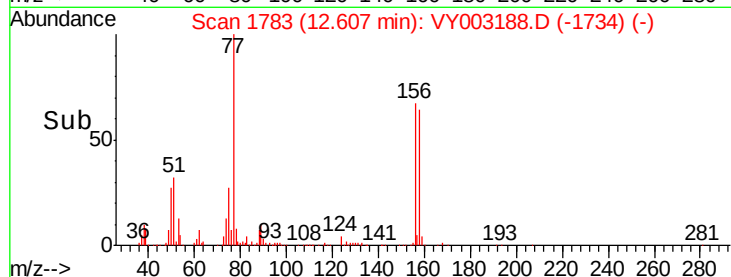
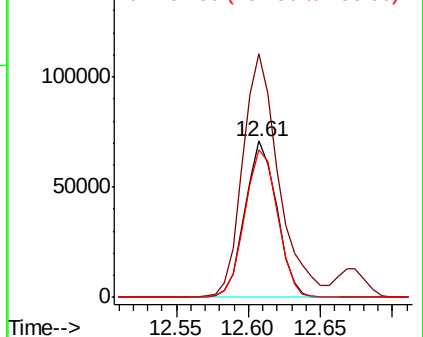
158 97.8 49.4 148.0



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: 20.937 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003188.D

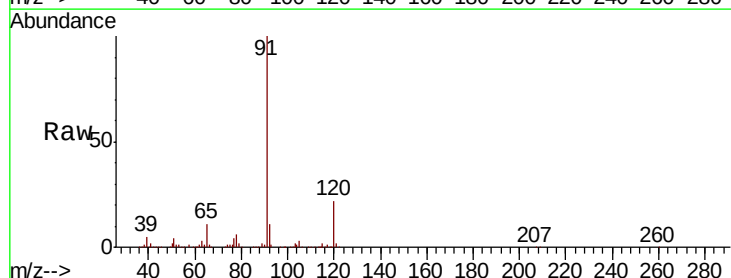
Acq: 14 Jul 2020 12:10

Tgt Ion: 91 Resp: 520651

Ion Ratio Lower Upper

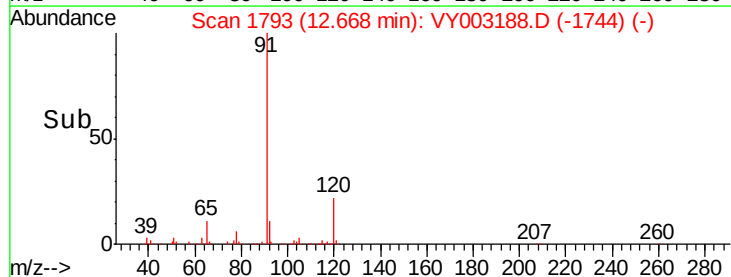
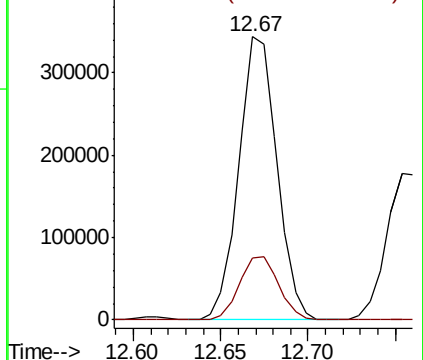
91 100

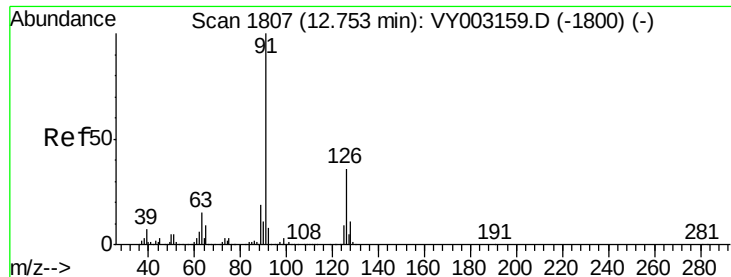
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

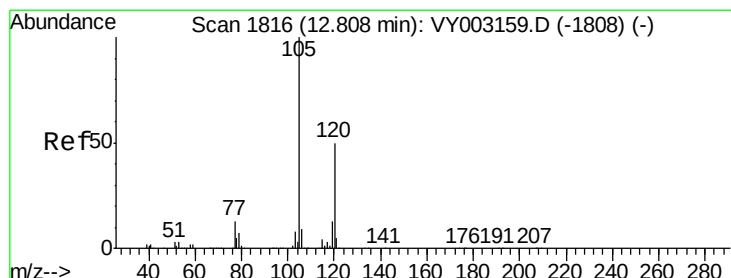
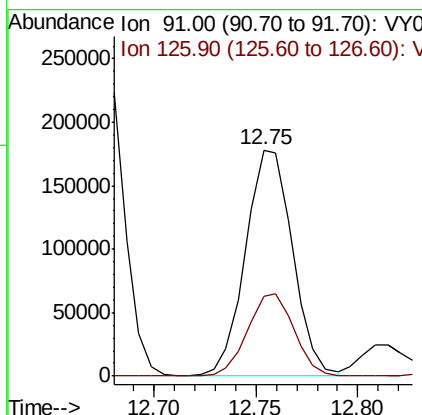
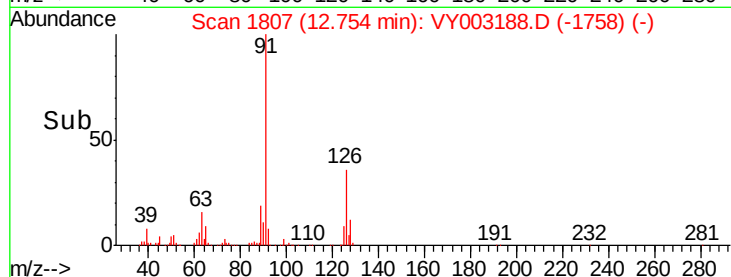
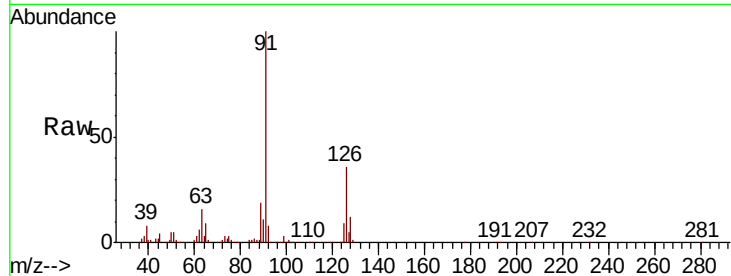




#79
 2-Chlorotoluene
 Concen: 20.606 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

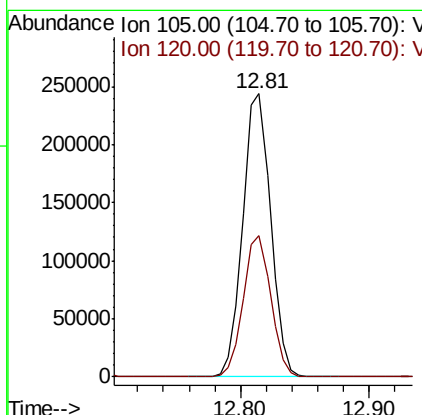
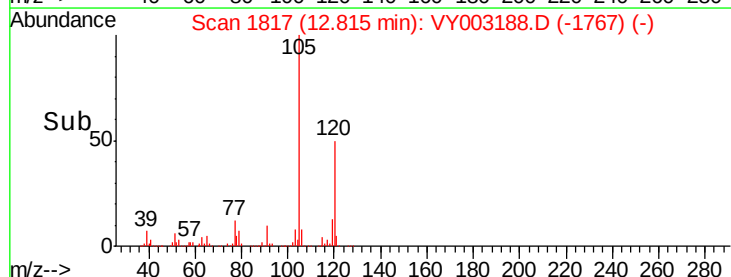
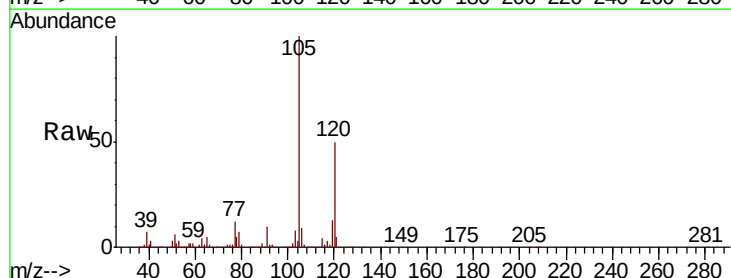
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

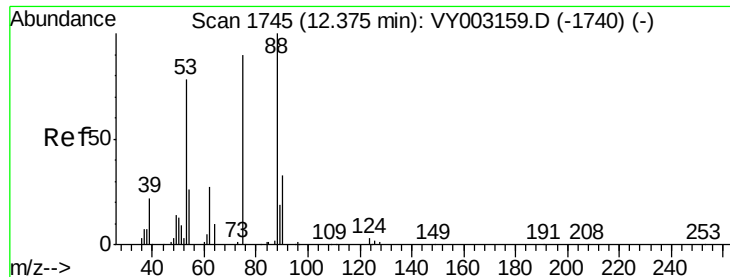
Tot Ion: 91 Resp: 285905
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.689 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

Tgt Ion: 105 Resp: 363789
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.898 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

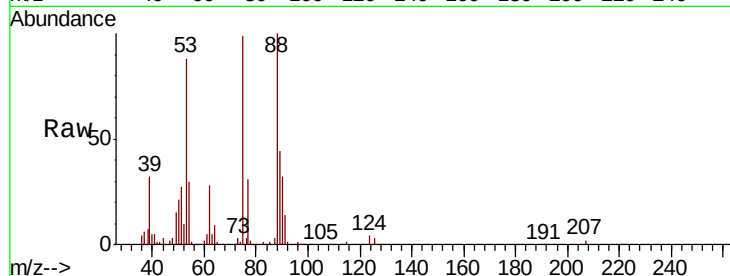
Tot Ion: 75 Resp: 31467

Ion Ratio Lower Upper

75 100

53 89.2 72.0 108.0

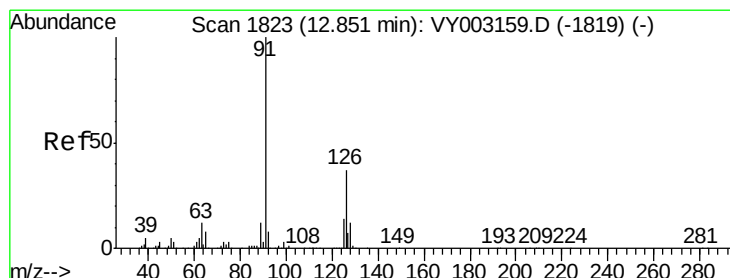
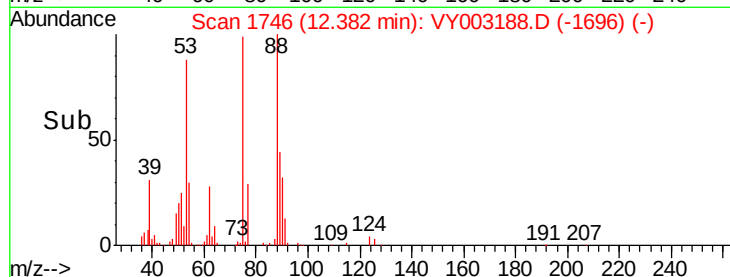
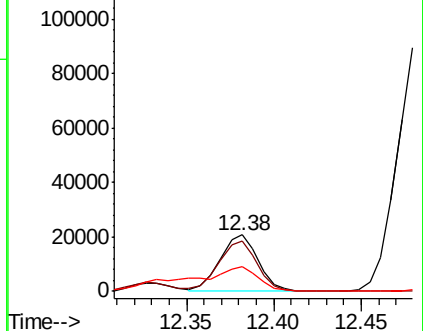
89 80.7 37.3 55.9#



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: 20.835 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY003188.D

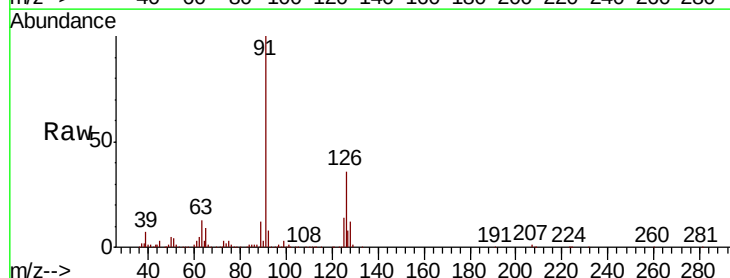
Acq: 14 Jul 2020 12:10

Tgt Ion: 91 Resp: 301735

Ion Ratio Lower Upper

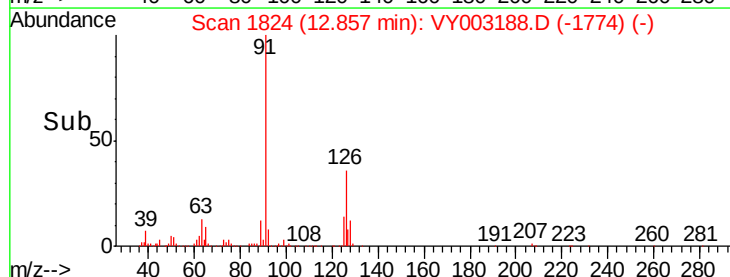
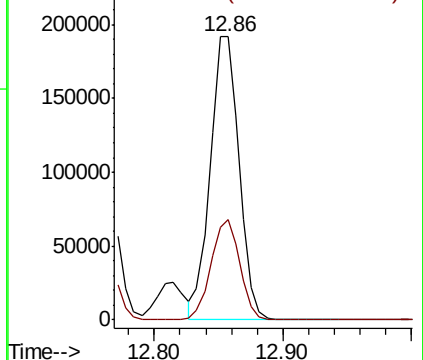
91 100

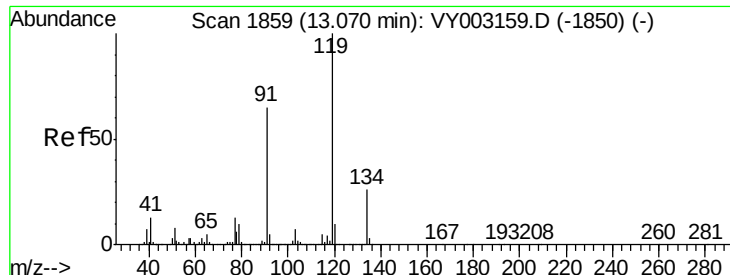
126 35.5 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

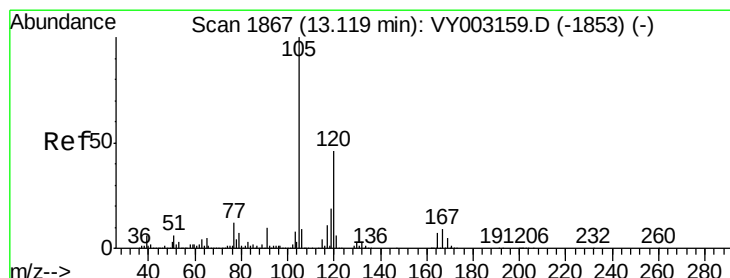
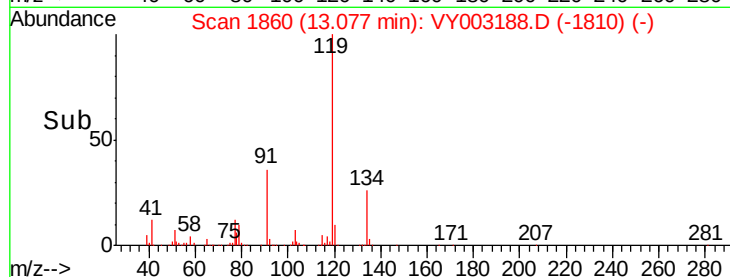
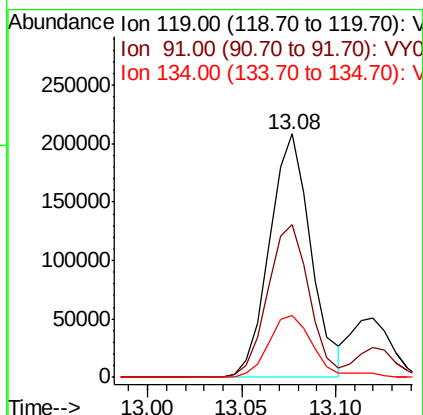
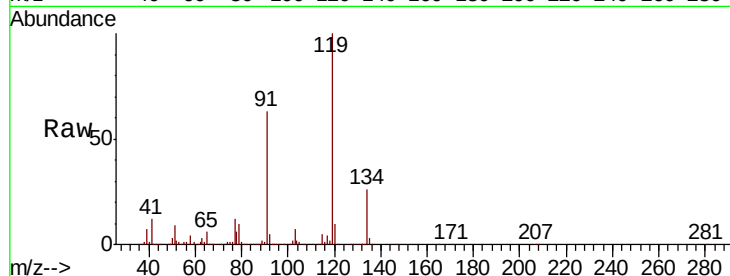




#83
tert-Butylbenzene
Concen: 20.458 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

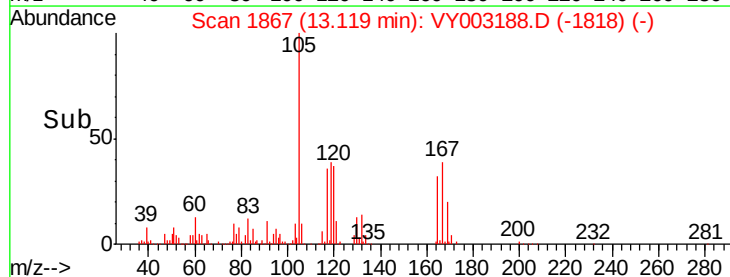
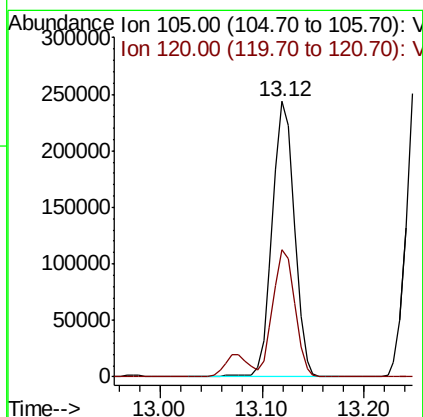
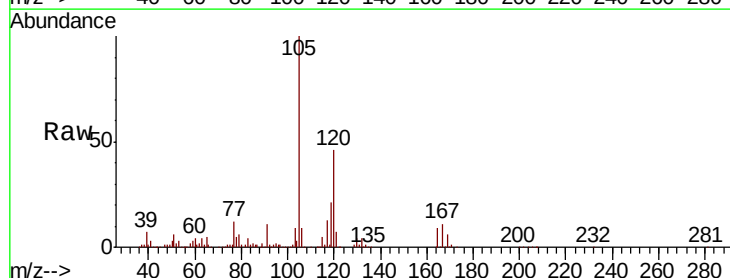
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

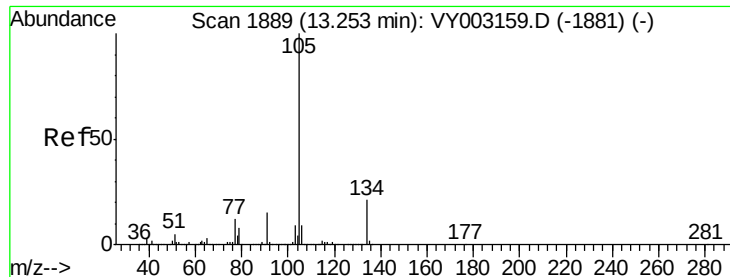
Tot Ion:119 Resp: 317400
Ion Ratio Lower Upper
119 100
91 63.1 30.8 92.4
134 27.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 20.649 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Tgt Ion:105 Resp: 365316
Ion Ratio Lower Upper
105 100
120 45.7 22.5 67.5





#85

sec-Butylbenzene

Concen: 20.916 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

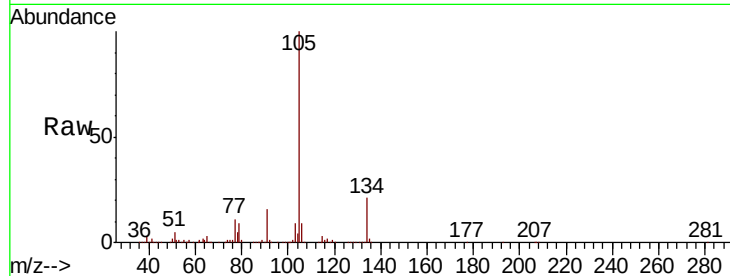
VY0714SBS01

Tot Ion:105 Resp: 446013

Ion Ratio Lower Upper

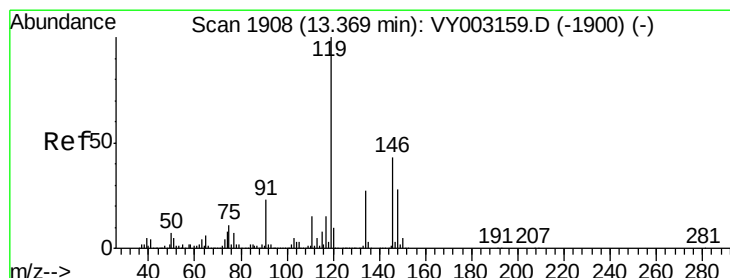
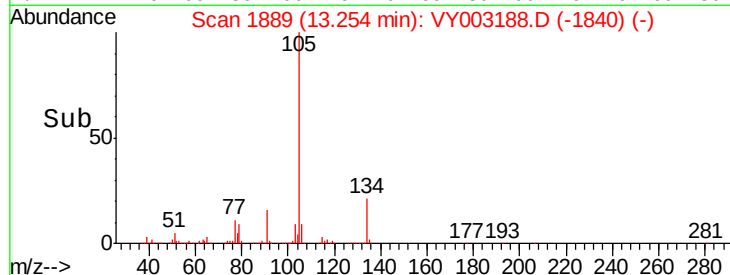
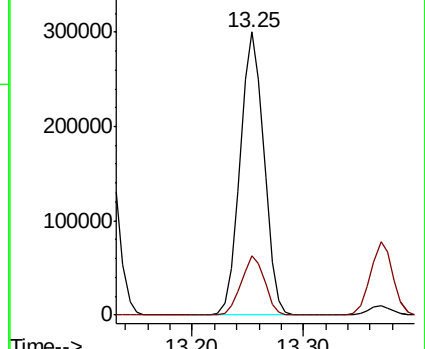
105 100

134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.510 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

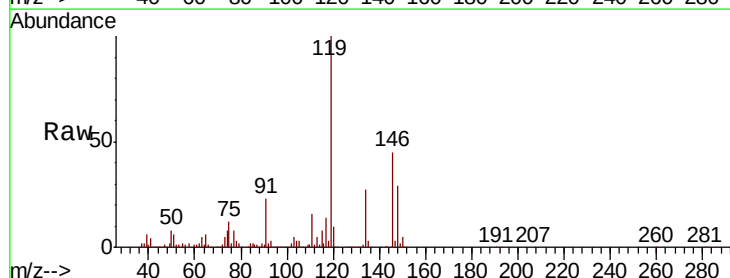
Tgt Ion:119 Resp: 408380

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

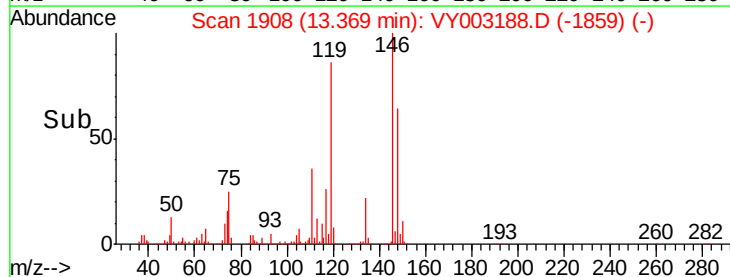
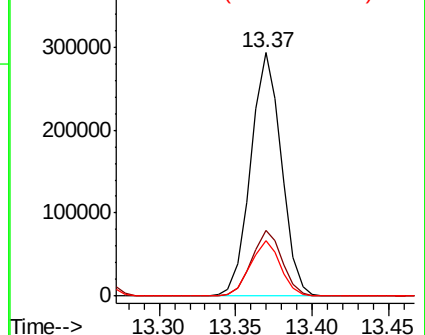
91 22.4 11.2 33.6

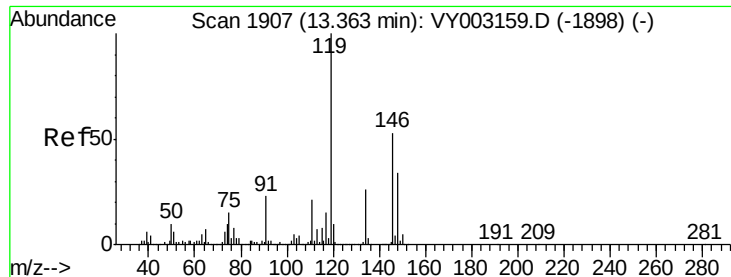


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.416 ug/l

RT: 13.37 min Scan# 1908

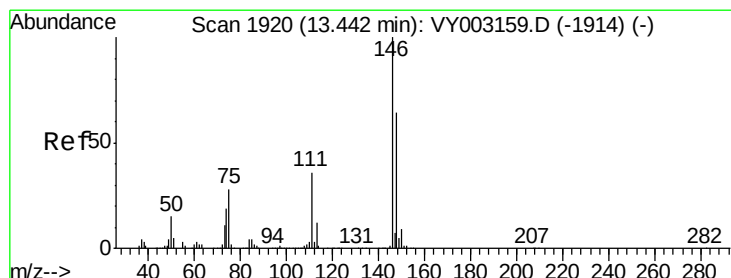
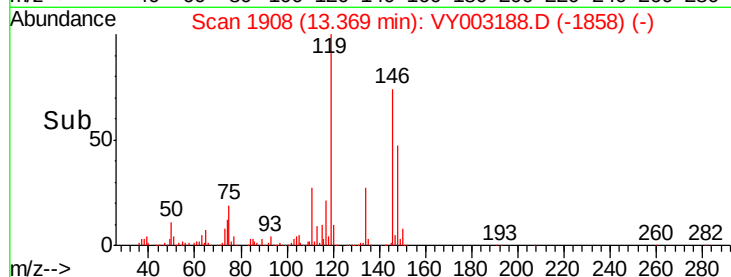
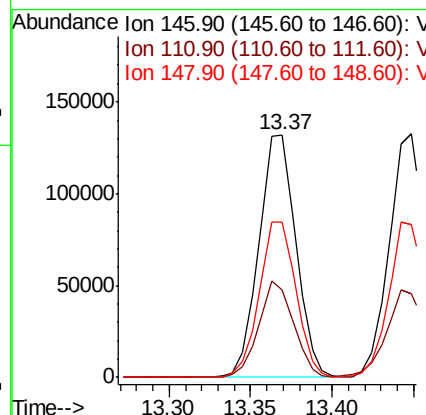
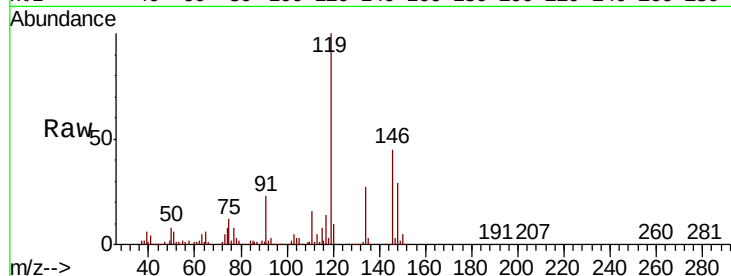
Delta R.T. 0.01 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	63.9	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 20.353 ug/l

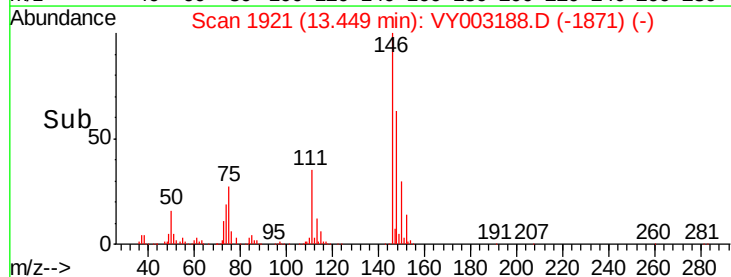
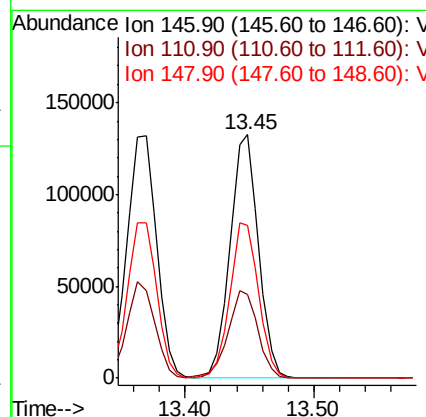
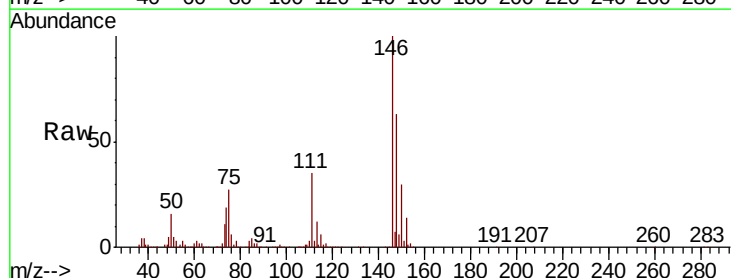
RT: 13.45 min Scan# 1921

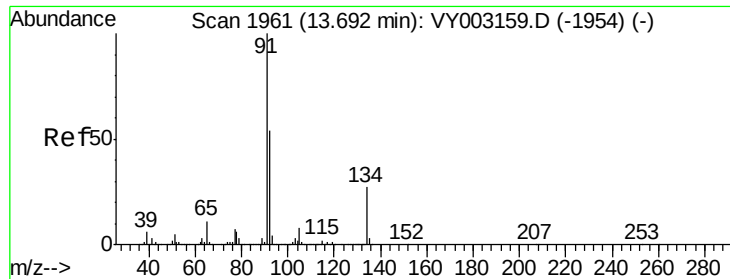
Delta R.T. 0.01 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.4	55.0
148	64.7	32.0	96.0





#89

n-Butylbenzene

Concen: 21.025 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003188.D

Acq: 14 Jul 2020 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

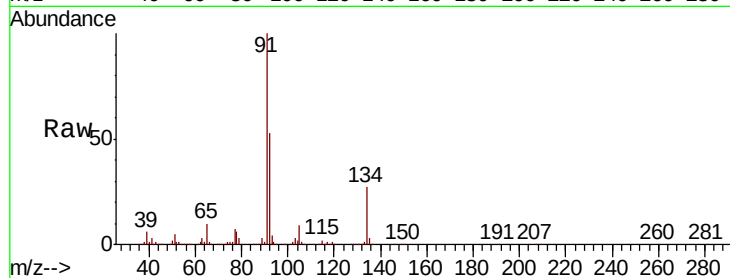
Tot Ion: 91 Resp: 393767

Ion Ratio Lower Upper

91 100

92 53.0 26.9 80.7

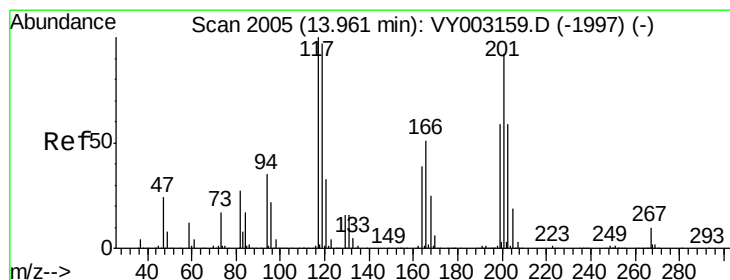
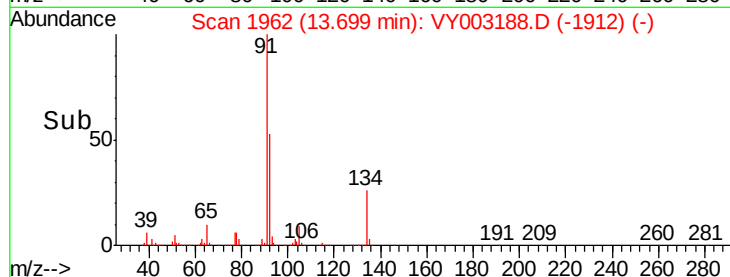
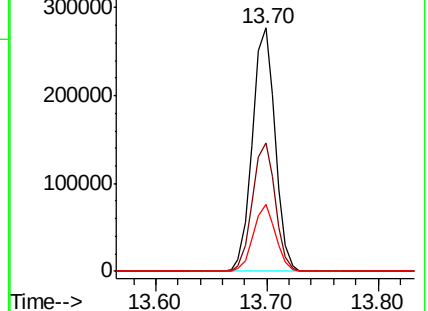
134 26.7 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY003159.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY003159.D (-1954) (-)



#90

Hexachloroethane

Concen: 20.980 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003188.D

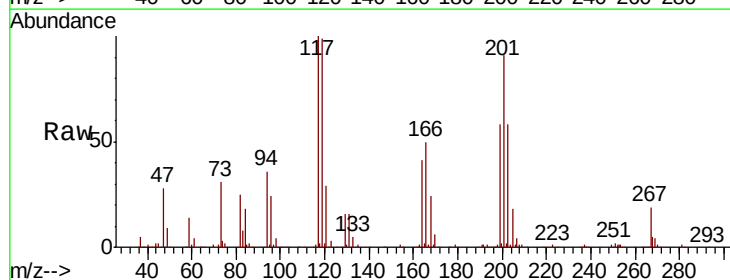
Acq: 14 Jul 2020 12:10

Tgt Ion: 117 Resp: 76074

Ion Ratio Lower Upper

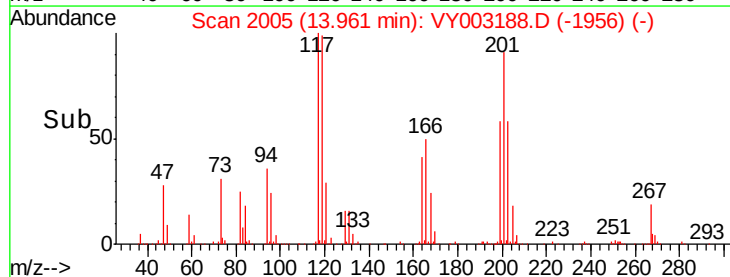
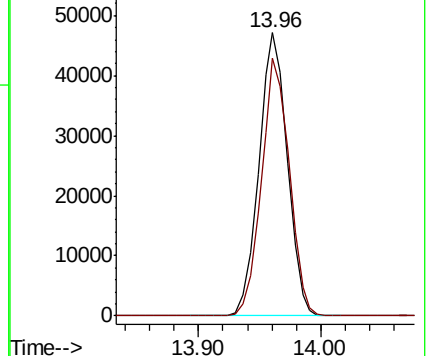
117 100

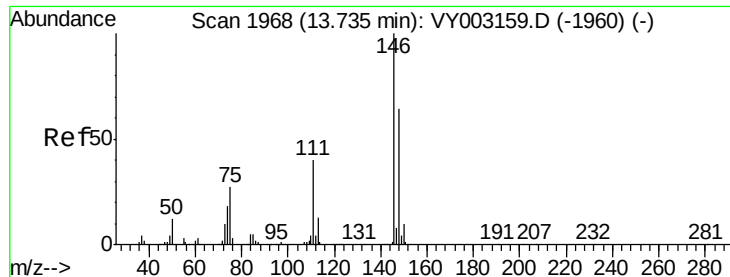
201 89.6 45.1 135.3



Abundance Ion 116.80 (116.50 to 117.50): VY003159.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY003159.D (-1997) (-)

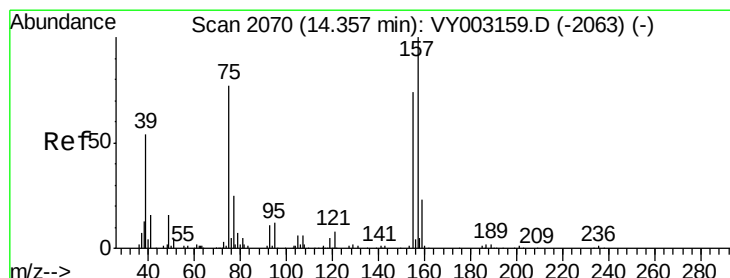
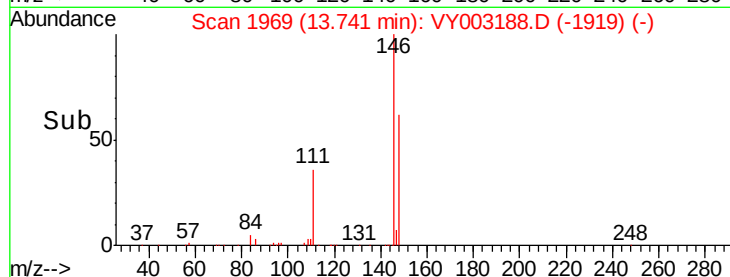
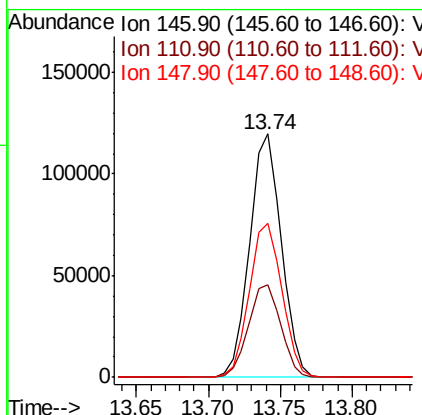
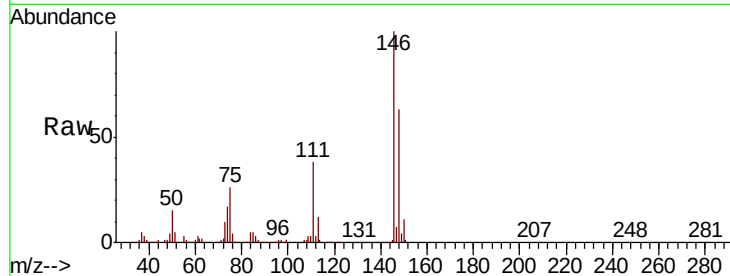




#91
 1,2-Dichlorobenzene
 Concen: 20.389 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

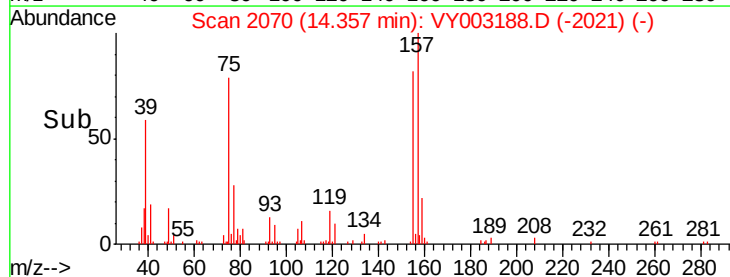
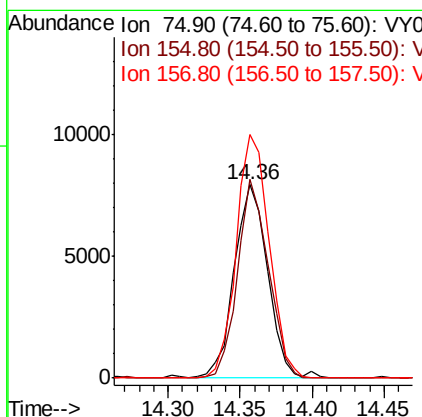
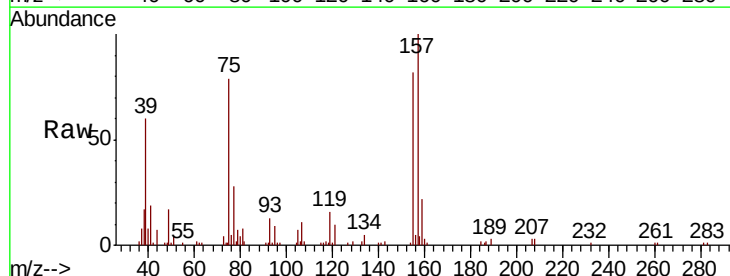
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

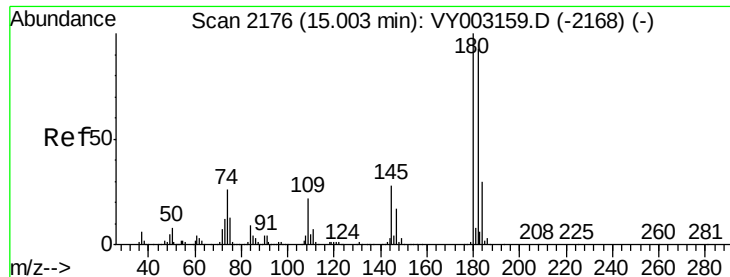
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.8
148	64.8	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.441 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.4	48.1	144.3
157	123.8	61.9	185.6

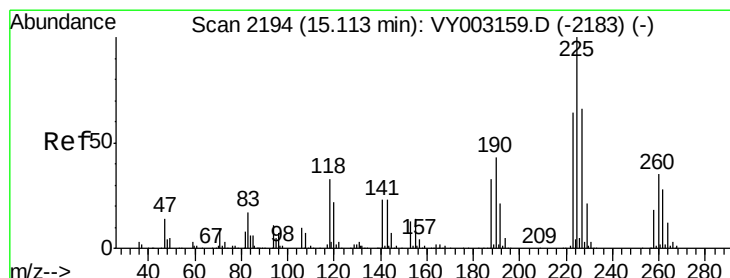
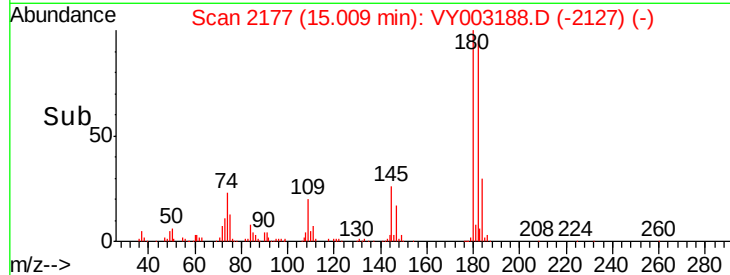
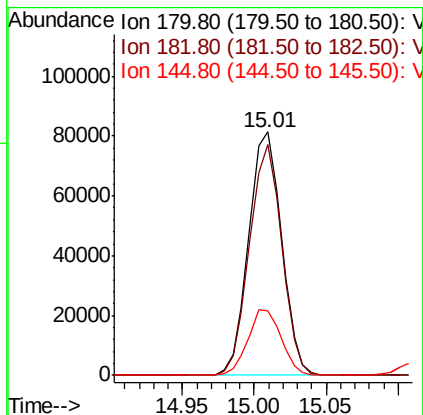
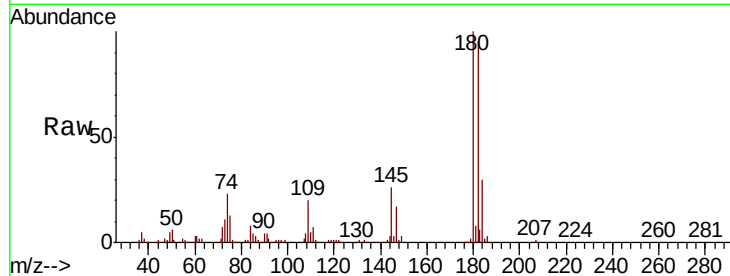




#93
 1,2,4-Trichlorobenzene
 Concen: 20.262 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

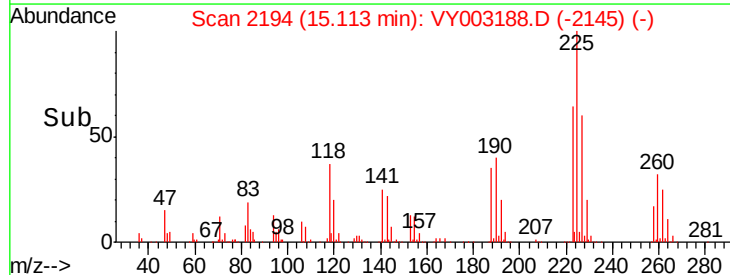
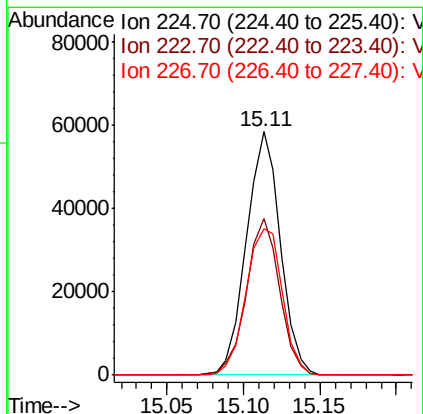
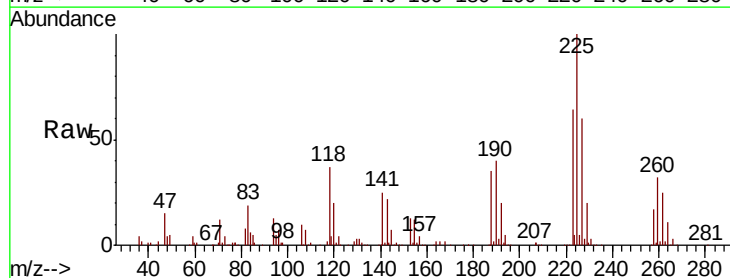
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

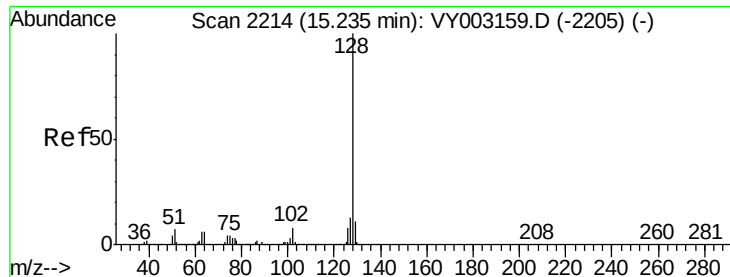
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.3	142.0
145	27.2	13.7	41.1



#94
 Hexachlorobutadiene
 Concen: 20.711 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003188.D
 Acq: 14 Jul 2020 12:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.6	94.7
227	64.4	32.3	96.8

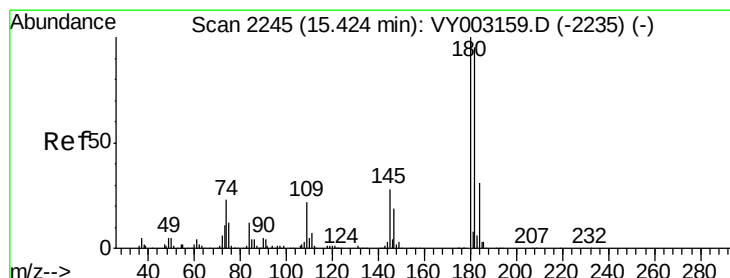
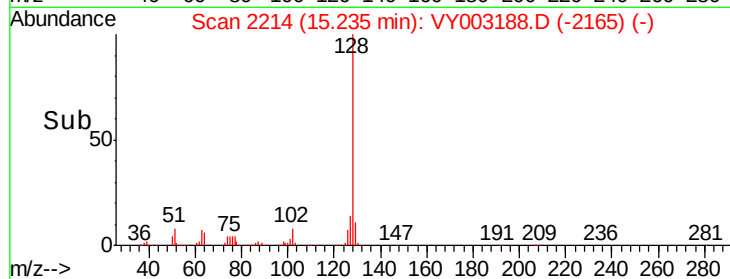
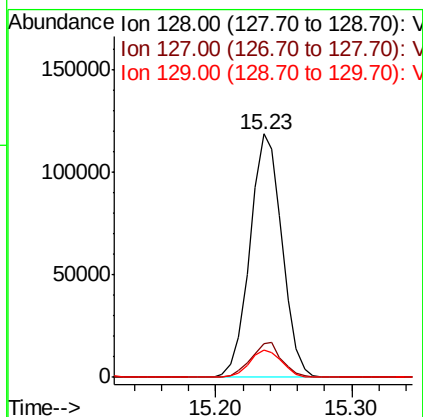
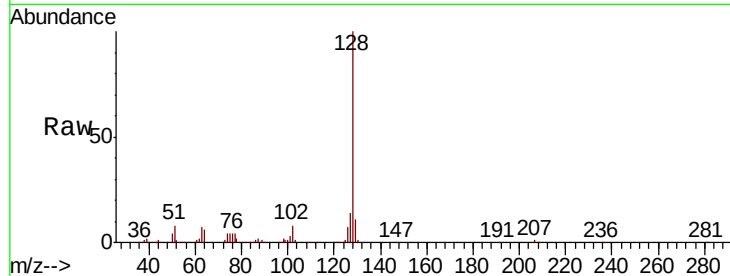




#95
Naphthalene
Concen: 18.701 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

Tot Ion:128 Resp: 196225
Ion Ratio Lower Upper
128 100
127 13.9 10.9 16.3
129 11.3 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 18.630 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003188.D
Acq: 14 Jul 2020 12:10

Tgt Ion:180 Resp: 93500
Ion Ratio Lower Upper
180 100
182 95.0 48.8 146.3
145 28.7 14.9 44.5

