

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
 Data File : VY002903.D
 Acq On : 16 Jun 2020 12:36
 Operator : SY/MD
 Sample : VY0616SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Quant Time: Jun 17 01:45:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	267825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	386135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	363563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	203134	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	112121	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.72	113	116431	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.18	98	448325	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.48	95	161799	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	41093	22.299	ug/l	95
3) Chloromethane	2.11	50	48742	23.912	ug/l	99
4) Vinyl Chloride	2.25	62	49917	23.169	ug/l	98
5) Bromomethane	2.65	94	33728	20.890	ug/l	96
6) Chloroethane	2.79	64	30737	22.007	ug/l	98
7) Trichlorofluoromethane	3.13	101	89481	23.450	ug/l	98
8) Diethyl Ether	3.54	74	32060	21.517	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	53916	23.798	ug/l	98
10) Methyl Iodide	4.10	142	66644	21.022	ug/l	99
11) Tert butyl alcohol	4.99	59	31320	118.598	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	52019	22.831	ug/l	96
13) Acrolein	3.74	56	18213	66.832	ug/l	98
14) Allyl chloride	4.49	41	72913	22.313	ug/l	98
15) Acrylonitrile	5.18	53	77532	115.345	ug/l	99
16) Acetone	3.97	43	65353	119.849	ug/l	98
17) Carbon Disulfide	4.20	76	141044	20.486	ug/l	99
18) Methyl Acetate	4.49	43	37336	26.839	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	143947	22.885	ug/l	98
20) Methylene Chloride	4.72	84	66717	25.036	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	57555	22.462	ug/l	95
22) Diisopropyl ether	6.13	45	153198	22.560	ug/l	95
23) Vinyl Acetate	6.07	43	496273	110.692	ug/l	99
24) 1,1-Dichloroethane	6.03	63	90811	22.861	ug/l	99
25) 2-Butanone	7.00	43	98437	115.867	ug/l	99
26) 2,2-Dichloropropane	6.99	77	89344	23.451	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	64737	22.569	ug/l	99
28) Bromochloromethane	7.34	49	35162	21.562	ug/l	97
29) Tetrahydrofuran	7.36	42	61836	111.898	ug/l	99
30) Chloroform	7.51	83	97592	23.152	ug/l	93
31) Cyclohexane	7.79	56	84796	21.500	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	91559	23.309	ug/l	99
36) 1,1-Dichloropropene	7.92	75	75292	23.148	ug/l	100
37) Ethyl Acetate	7.08	43	42667	24.109	ug/l	99
38) Carbon Tetrachloride	7.90	117	85697	23.716	ug/l	98

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 Operator : SY/MD
 Sample : VY0616SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Quant Time: Jun 17 01:45:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	97819	22.816	ug/l	99
40) Benzene	8.16	78	221437	23.040	ug/l	98
41) Methacrylonitrile	7.35	41	56590	59.522	ug/l #	32
42) 1,2-Dichloroethane	8.24	62	63248	23.481	ug/l	98
43) Isopropyl Acetate	8.28	43	78492	23.405	ug/l	99
44) Trichloroethene	8.94	130	70909	23.357	ug/l	96
45) 1,2-Dichloropropane	9.22	63	53583	23.248	ug/l	99
46) Dibromomethane	9.31	93	32116	23.463	ug/l	99
47) Bromodichloromethane	9.50	83	76593	23.736	ug/l	99
48) Methyl methacrylate	9.30	41	34755	22.957	ug/l	99
49) 1,4-Dioxane	9.31	88	9393	446.909	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	209223	117.817	ug/l	100
52) Toluene	10.24	92	146199	23.253	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	83237	23.616	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	93155	23.325	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	49313	23.532	ug/l	97
56) Ethyl methacrylate	10.51	69	65946	23.494	ug/l	98
57) 1,3-Dichloropropane	10.79	76	80765	23.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	154265	112.477	ug/l	99
59) 2-Hexanone	10.83	43	150623	119.543	ug/l	99
60) Dibromochloromethane	10.99	129	62641	23.577	ug/l	98
61) 1,2-Dibromoethane	11.09	107	48499	23.461	ug/l	100
64) Tetrachloroethene	10.72	164	76692	23.210	ug/l	97
65) Chlorobenzene	11.52	112	165690	23.058	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	63798	23.574	ug/l	100
67) Ethyl Benzene	11.59	91	289854	23.267	ug/l	98
68) m/p-Xylenes	11.70	106	223313	46.235	ug/l	100
69) o-Xylene	12.03	106	106718	23.405	ug/l	100
70) Styrene	12.05	104	184966	23.400	ug/l	100
71) Bromoform	12.20	173	43416	23.975	ug/l	98
73) Isopropylbenzene	12.33	105	294053	22.589	ug/l	100
74) N-amyl acetate	12.14	43	74186	22.211	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	54530	23.875	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	79557	43.465	ug/l #	100
77) Bromobenzene	12.61	156	77254	22.791	ug/l	97
78) n-propylbenzene	12.67	91	342908	22.804	ug/l	100
79) 2-Chlorotoluene	12.76	91	188027	22.291	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	247887	22.806	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22395	23.051	ug/l	99
82) 4-Chlorotoluene	12.86	91	200962	22.740	ug/l	99
83) tert-Butylbenzene	13.08	119	220711	22.765	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	249672	22.845	ug/l	99
85) sec-Butylbenzene	13.25	105	303727	22.911	ug/l	100
86) p-Isopropyltoluene	13.37	119	285741	23.165	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	147799	23.019	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	148155	23.067	ug/l	100
89) n-Butylbenzene	13.70	91	261345	23.336	ug/l	99
90) Hexachloroethane	13.96	117	52850	22.886	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	133472	22.922	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10407	23.683	ug/l	94

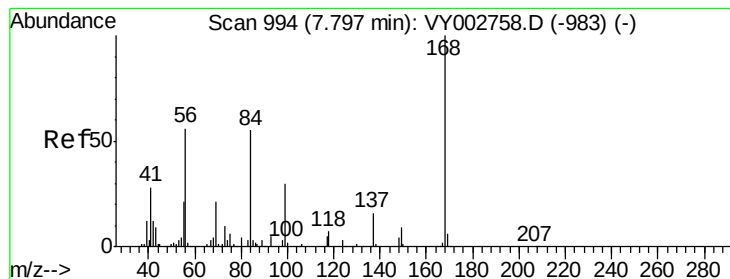
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
Data File : VY002903.D
Acq On : 16 Jun 2020 12:36
Operator : SY/MD
Sample : VY0616SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Quant Time: Jun 17 01:45:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	101171	23.051	ug/l	99
94) Hexachlorobutadiene	15.11	225	58655	23.562	ug/l	99
95) Naphthalene	15.23	128	200351	22.767	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	91224	23.275	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

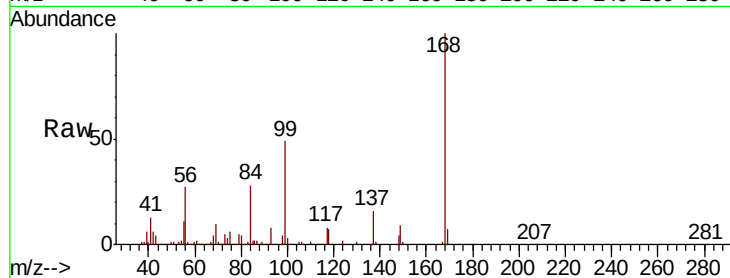
VY0616SBS01

Tot Ion:168 Resp: 267825

Ion Ratio Lower Upper

168 100

99 48.9 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

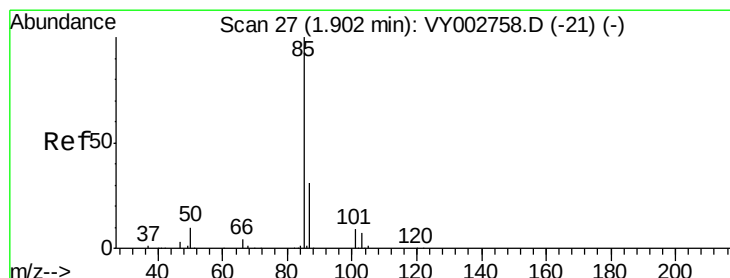
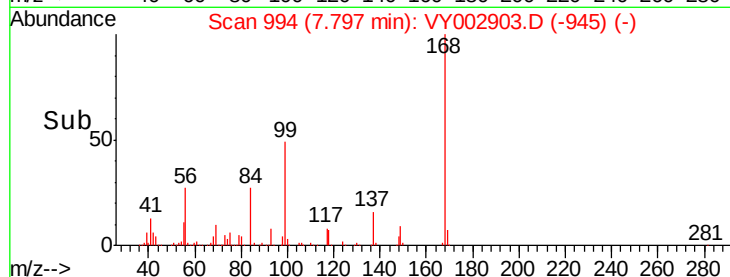
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.299 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002903.D

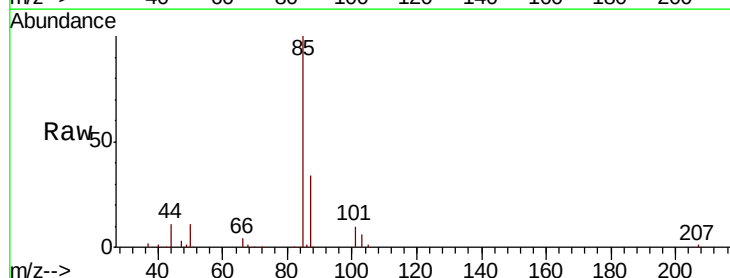
Acq: 16 Jun 2020 12:36

Tgt Ion: 85 Resp: 41093

Ion Ratio Lower Upper

85 100

87 33.6 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

30000

25000

20000

15000

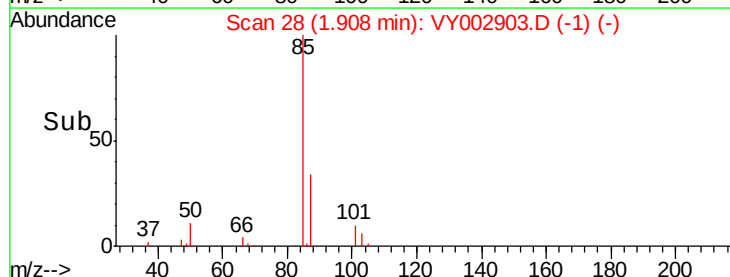
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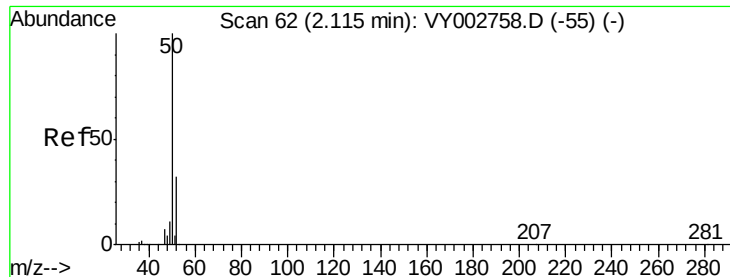
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->

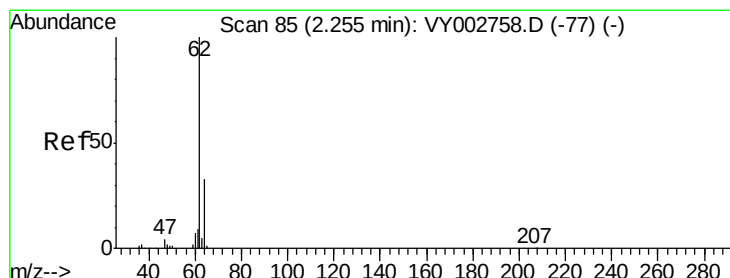
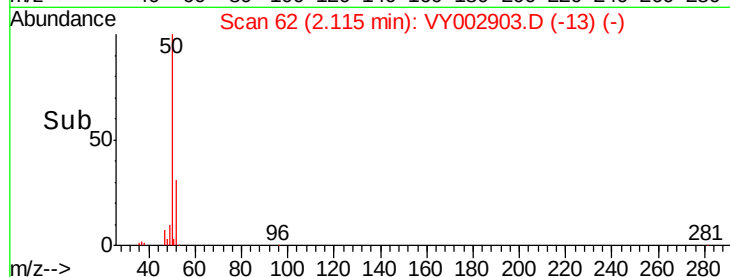
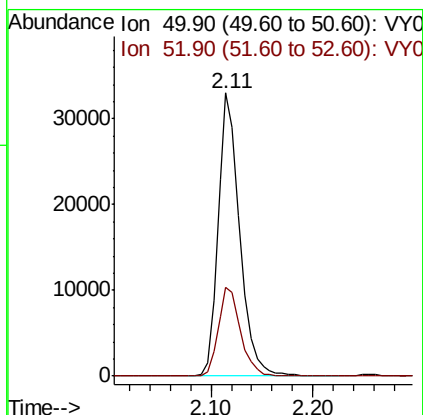
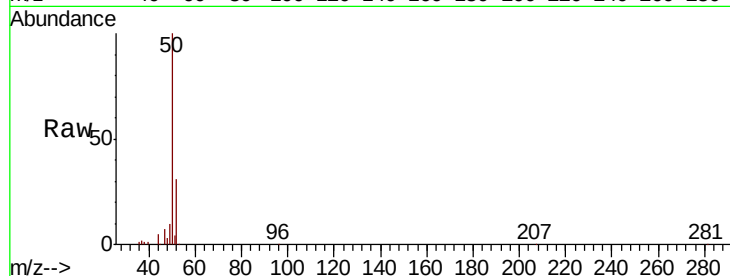




#3
Chloromethane
Concen: 23.912 ug/l
RT: 2.11 min Scan# 62
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

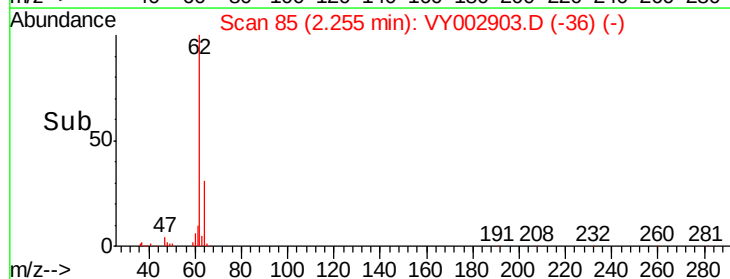
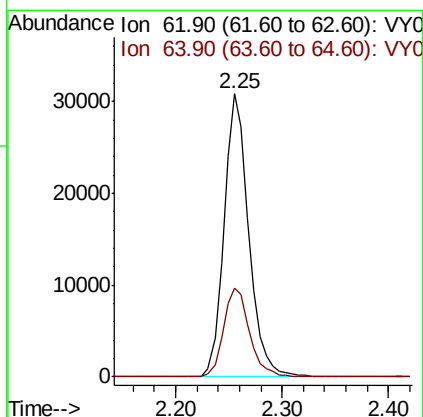
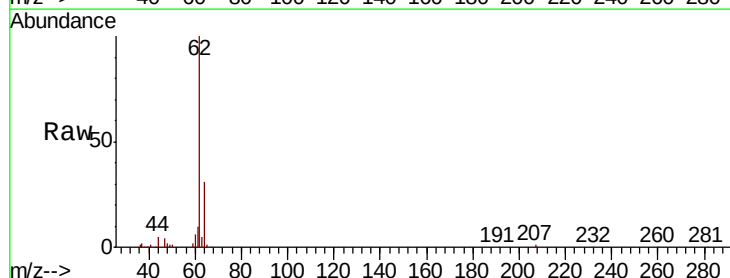
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

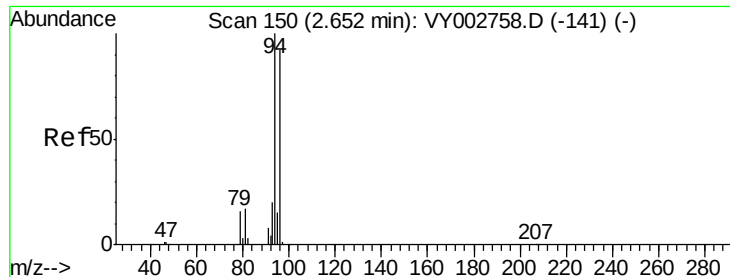
Tot Ion: 50 Resp: 48742
Ion Ratio Lower Upper
50 100
52 31.4 25.8 38.6



#4
Vinyl Chloride
Concen: 23.169 ug/l
RT: 2.25 min Scan# 85
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Tgt Ion: 62 Resp: 49917
Ion Ratio Lower Upper
62 100
64 31.4 26.1 39.1





#5

Bromomethane

Concen: 20.890 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

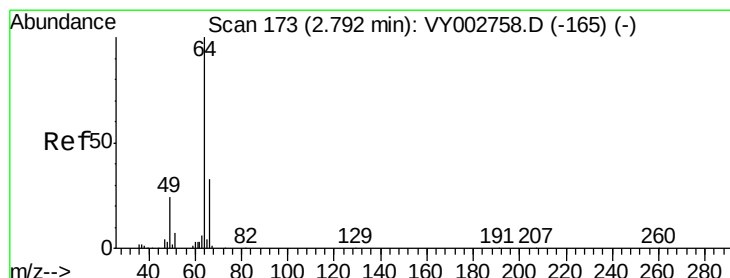
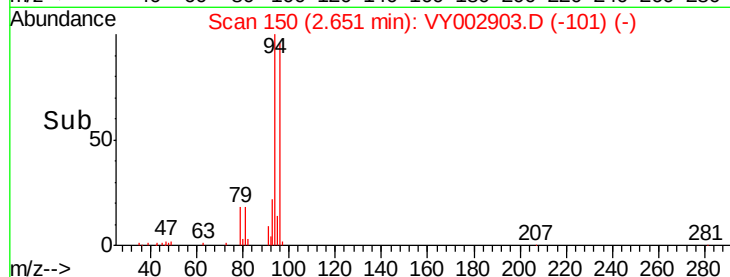
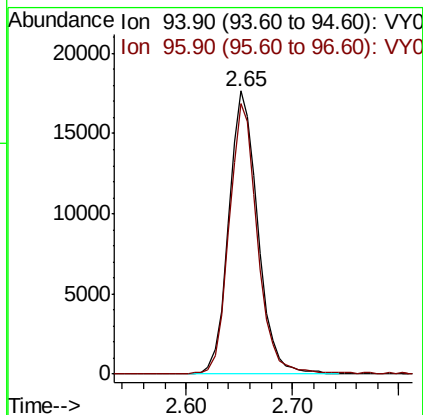
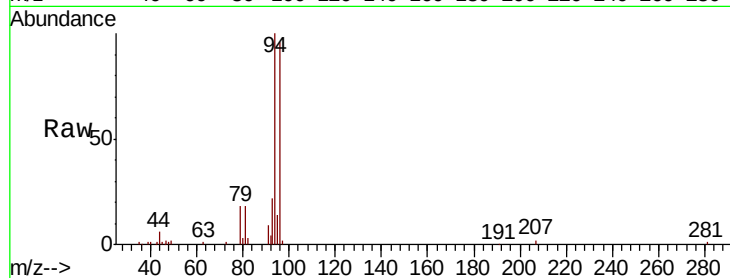
VY0616SBS01

Tot Ion: 94 Resp: 33728

Ion Ratio Lower Upper

94 100

96 95.7 73.7 110.5



#6

Chloroethane

Concen: 22.007 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY002903.D

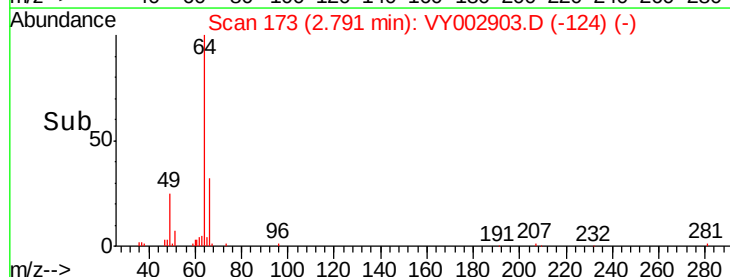
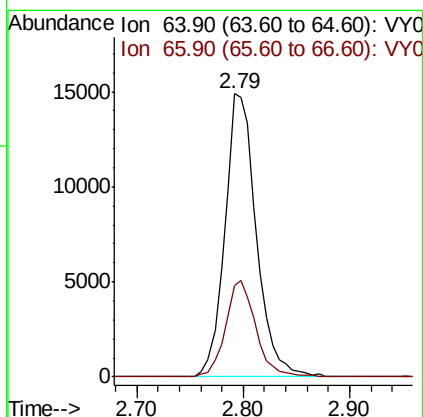
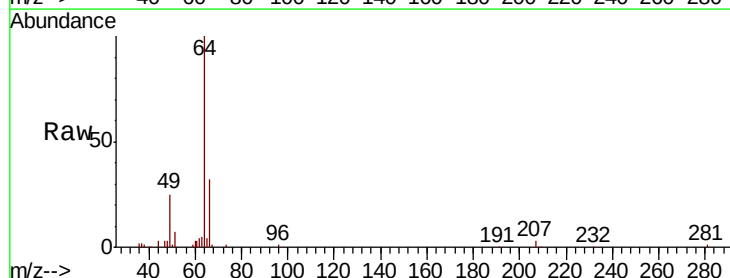
Acq: 16 Jun 2020 12:36

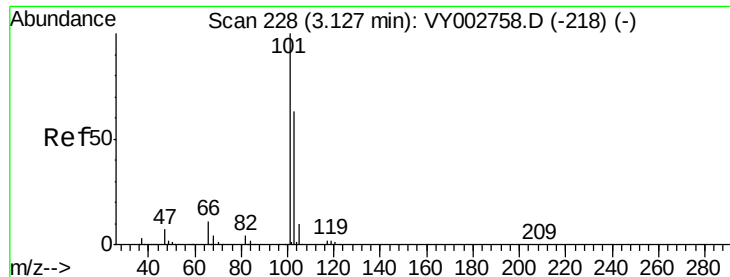
Tgt Ion: 64 Resp: 30737

Ion Ratio Lower Upper

64 100

66 32.1 26.4 39.6



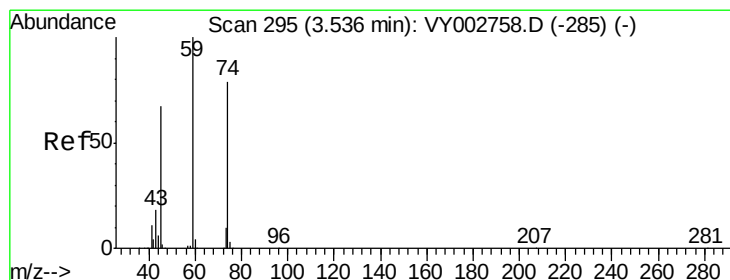
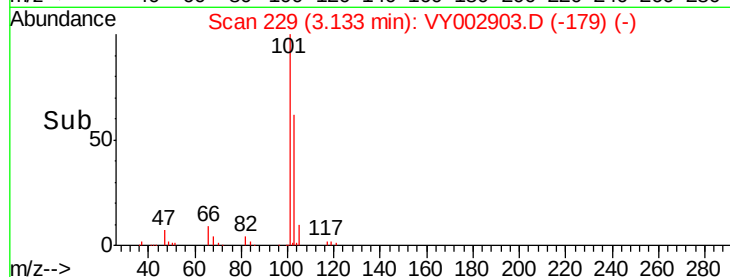
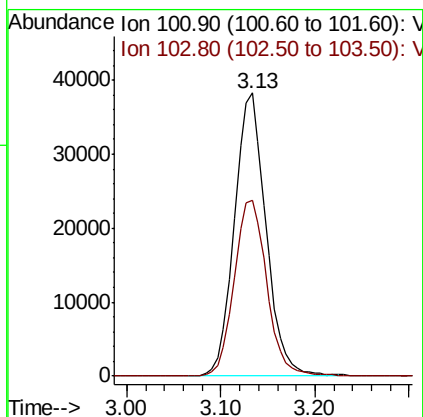
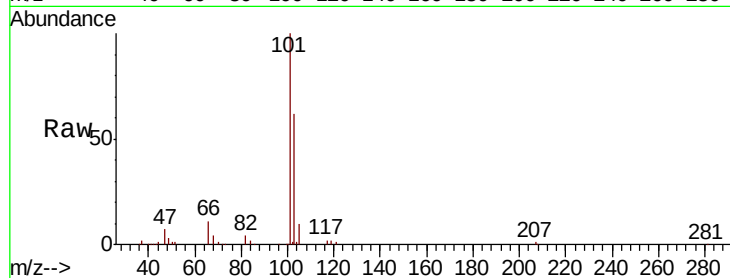


#7

Trichlorofluoromethane
 Concen: 23.450 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

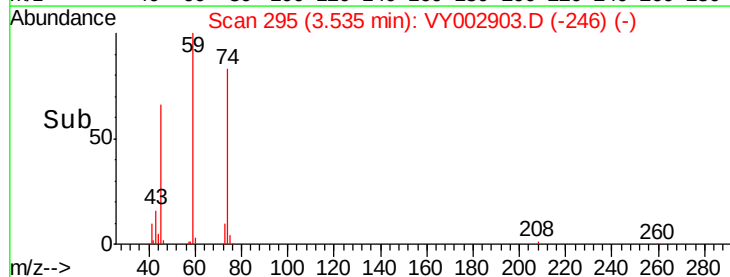
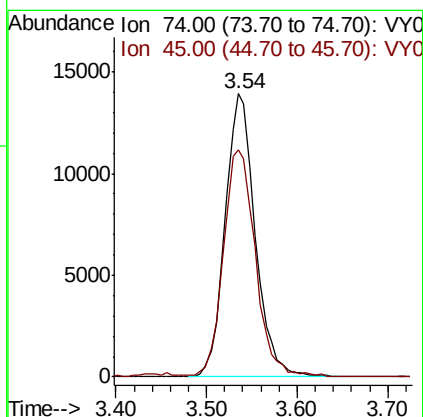
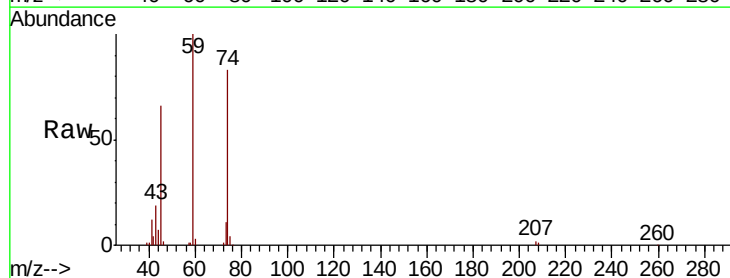
Tot Ion:101 Resp: 89481
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.6 76.0

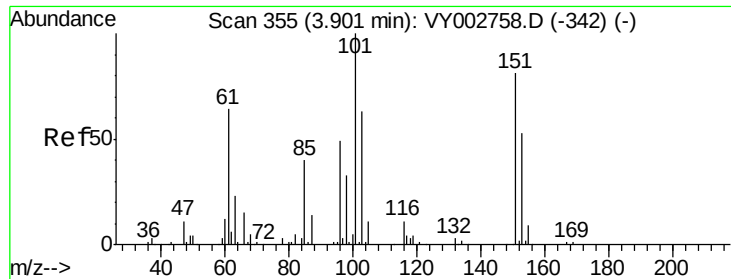


#8

Diethyl Ether
 Concen: 21.517 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

Tgt Ion: 74 Resp: 32060
 Ion Ratio Lower Upper
 74 100
 45 85.4 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.798 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

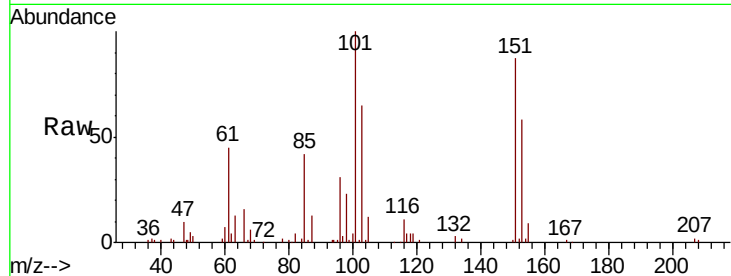
Tot Ion:101 Resp: 53916

Ion Ratio Lower Upper

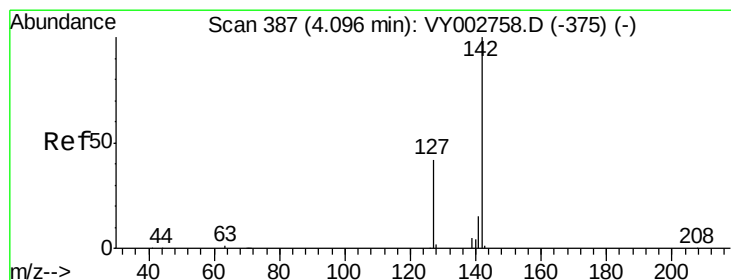
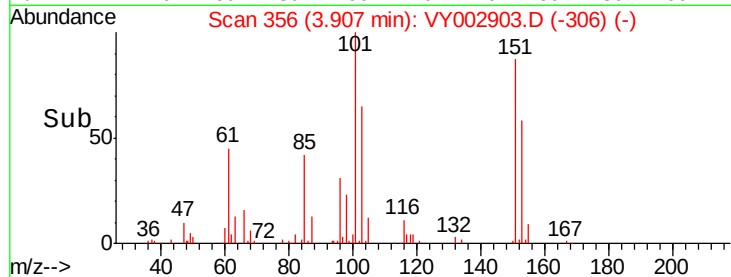
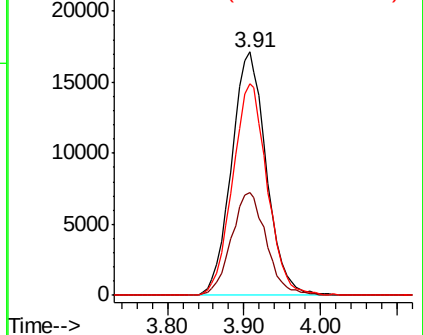
101 100

85 42.3 32.7 49.1

151 86.8 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.022 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

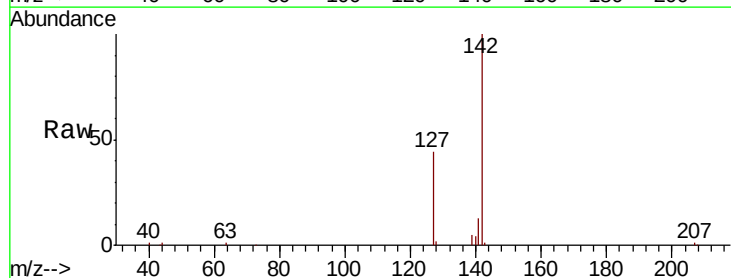
Tgt Ion:142 Resp: 66644

Ion Ratio Lower Upper

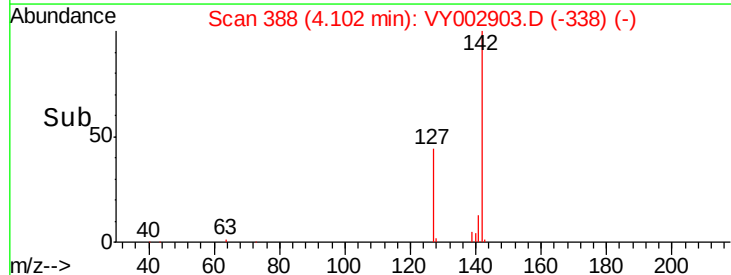
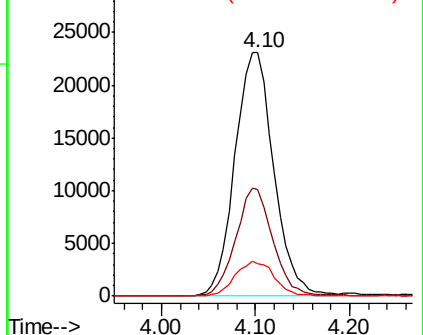
142 100

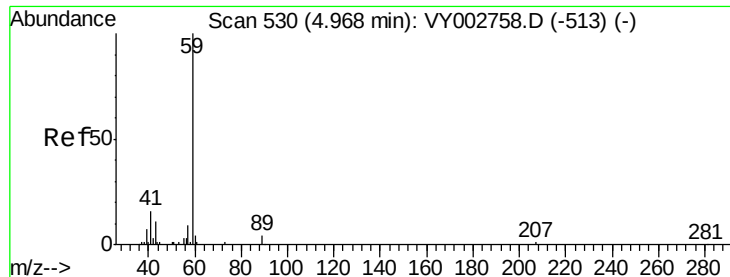
127 42.8 33.3 49.9

141 14.3 11.5 17.3



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



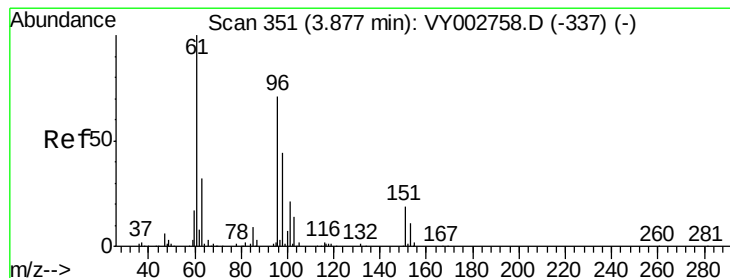
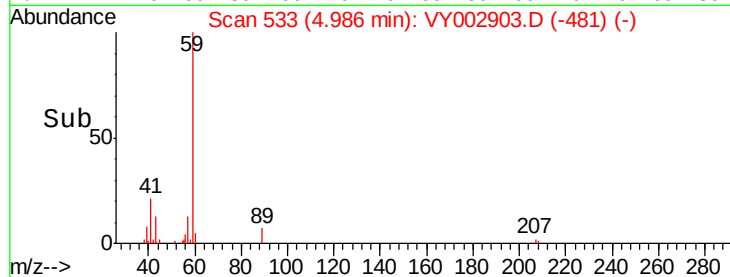
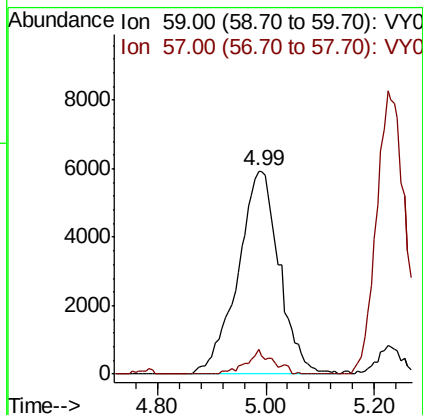
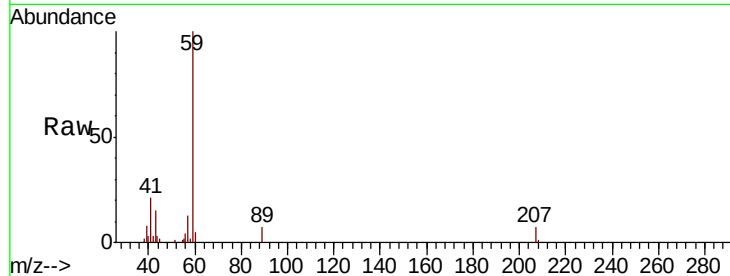


#11

Tert butyl alcohol
 Concen: 118.598 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

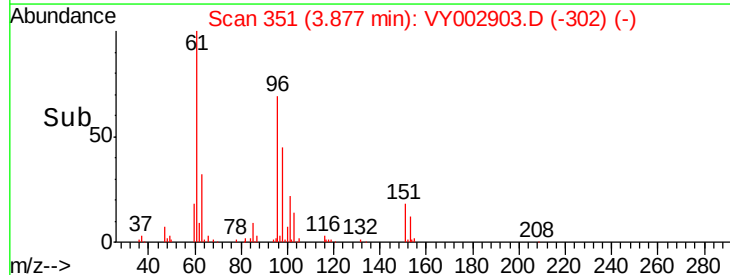
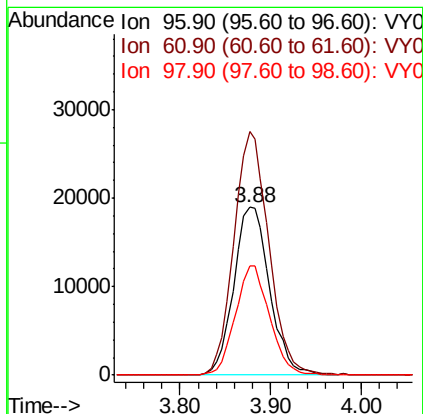
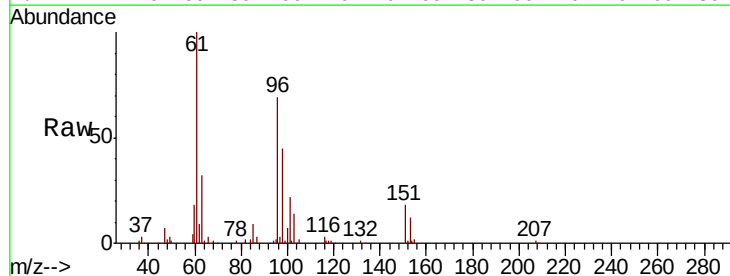
Tot Ion: 59 Resp: 31320
 Ion Ratio Lower Upper
 59 100
 57 6.8 7.7 11.5#

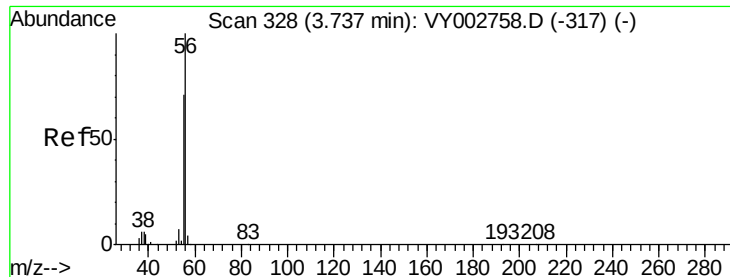


#12

1,1-Dichloroethene
 Concen: 22.831 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

Tgt Ion: 96 Resp: 52019
 Ion Ratio Lower Upper
 96 100
 61 145.3 112.6 168.8
 98 65.2 50.0 75.0





#13

Acrolein

Concen: 66.832 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

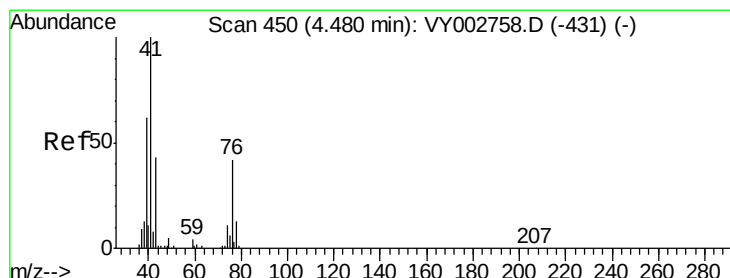
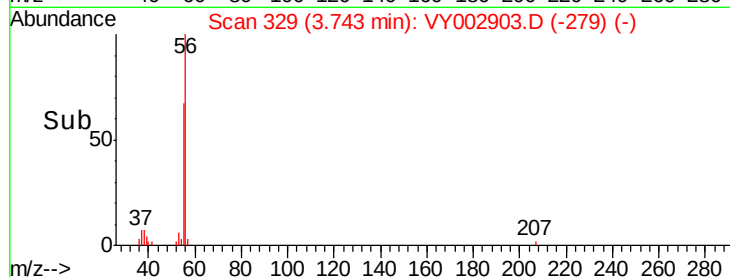
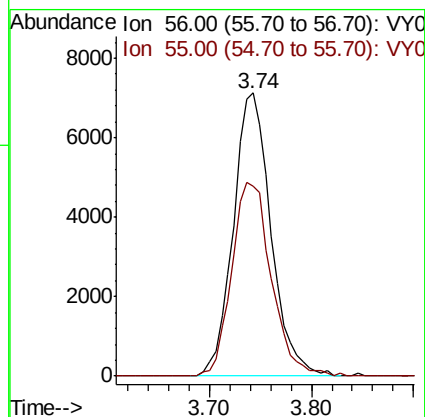
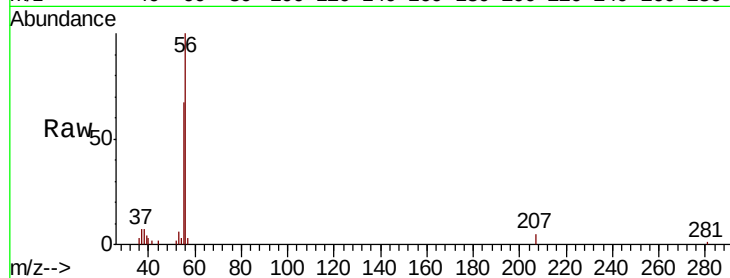
VY0616SBS01

Tot Ion: 56 Resp: 18213

Ion Ratio Lower Upper

56 100

55 71.7 56.0 84.0



#14

Allyl chloride

Concen: 22.313 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

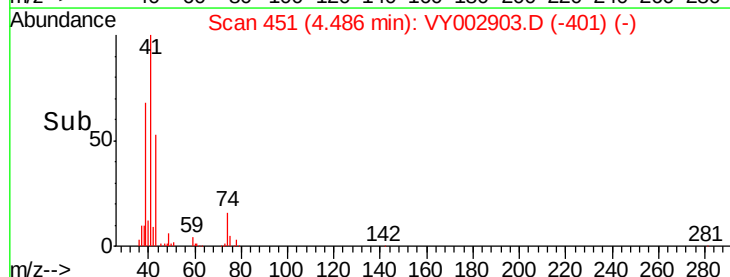
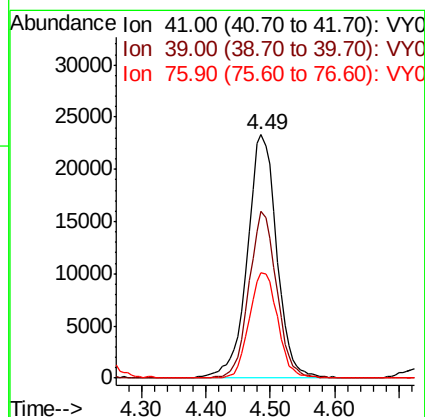
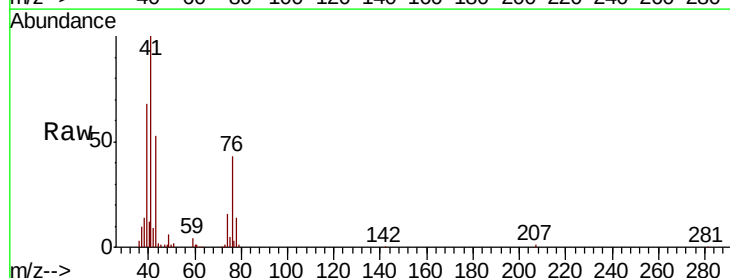
Tgt Ion: 41 Resp: 72913

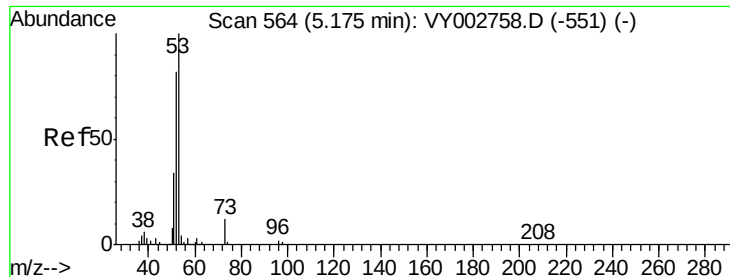
Ion Ratio Lower Upper

41 100

39 64.4 49.9 74.9

76 41.8 33.2 49.8





#15

Acrylonitrile

Concen: 115.345 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

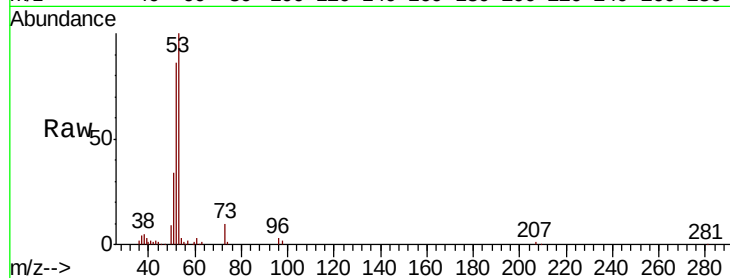
Tot Ion: 53 Resp: 77532

Ion Ratio Lower Upper

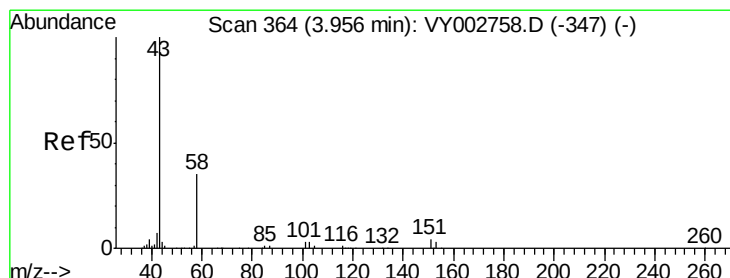
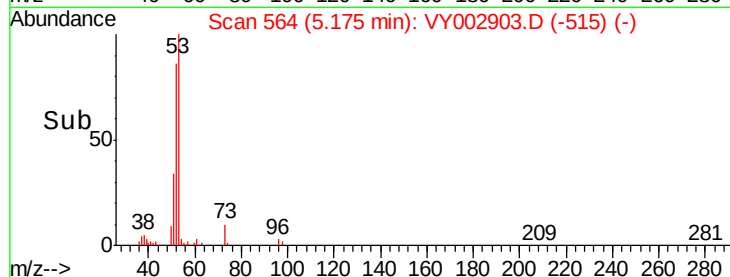
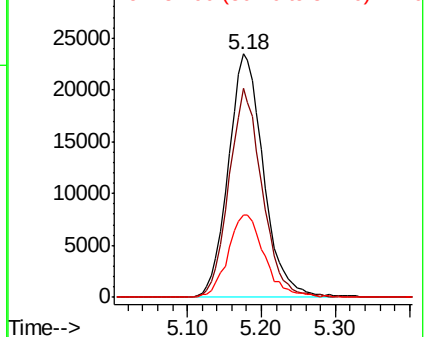
53 100

52 80.9 65.3 97.9

51 35.2 28.0 42.0



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: 119.849 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002903.D

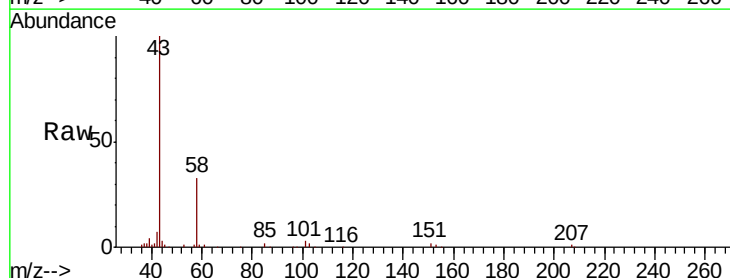
Acq: 16 Jun 2020 12:36

Tgt Ion: 43 Resp: 65353

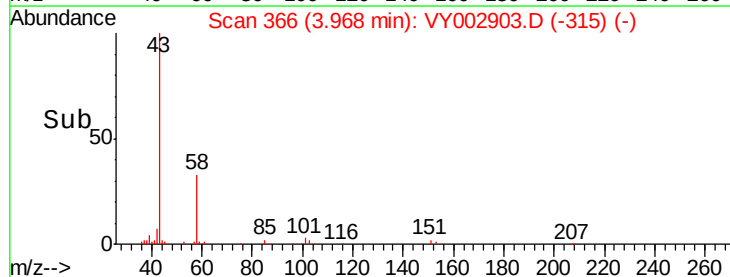
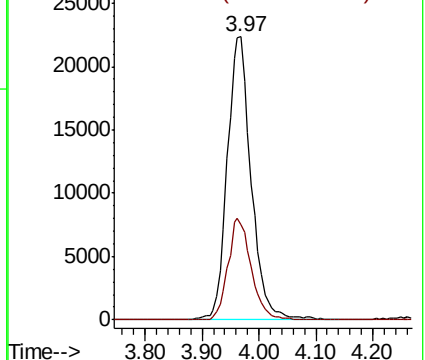
Ion Ratio Lower Upper

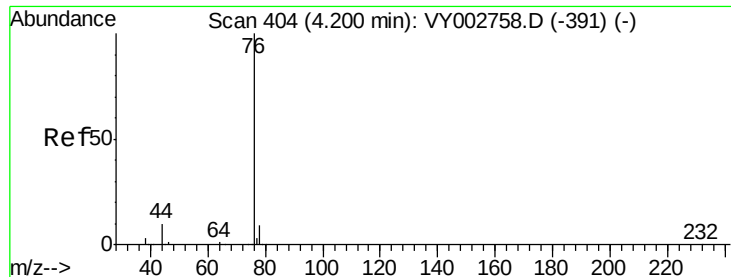
43 100

58 33.5 27.7 41.5



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

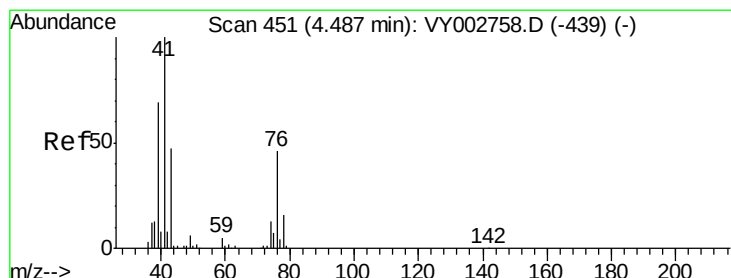
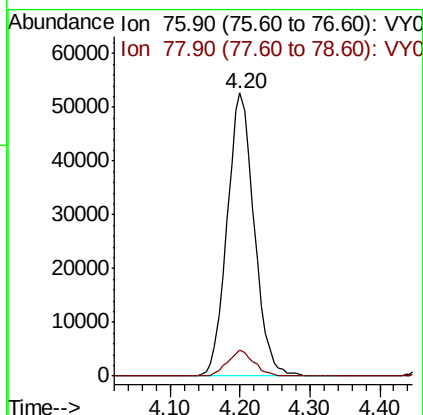
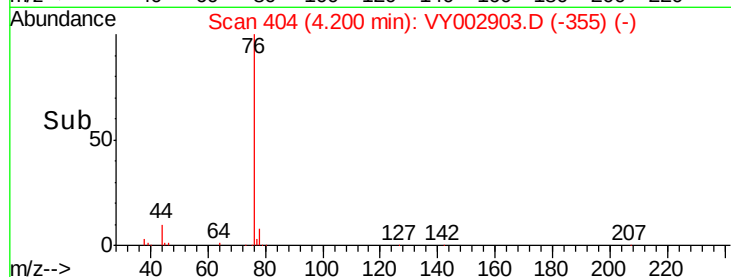
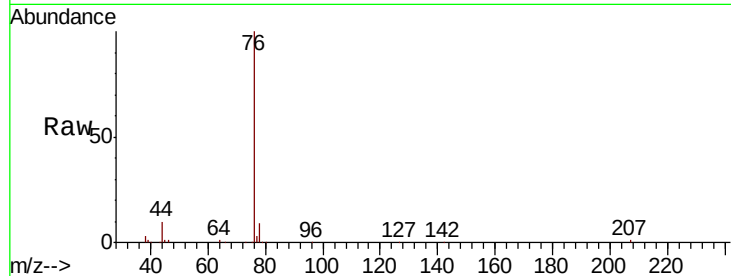




#17
Carbon Disulfide
Concen: 20.486 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

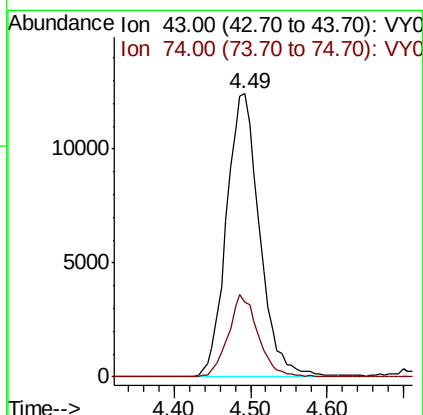
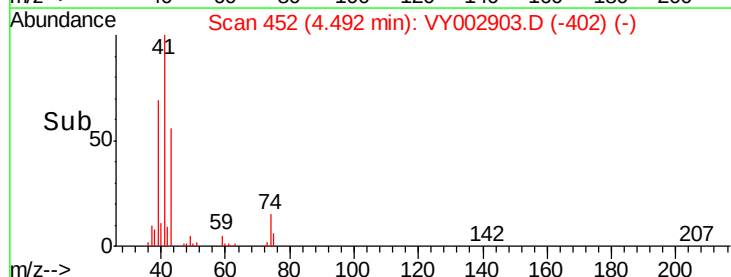
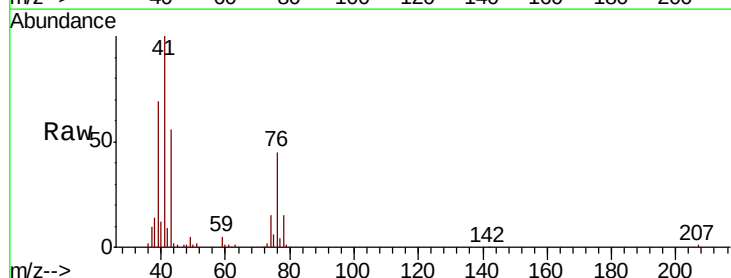
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

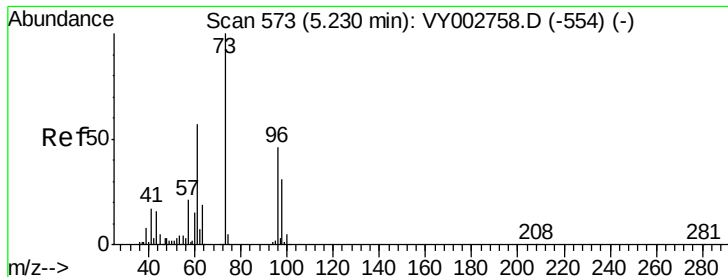
Tot Ion: 76 Resp: 141044
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 26.839 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Tgt Ion: 43 Resp: 37336
Ion Ratio Lower Upper
43 100
74 26.2 21.4 32.0

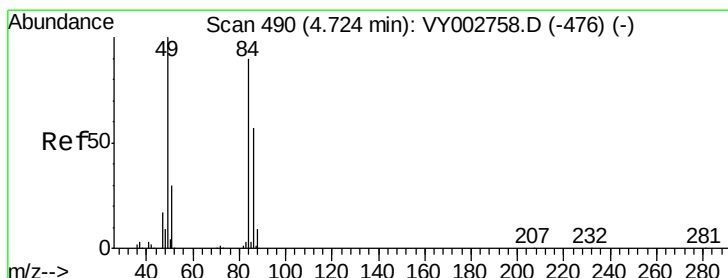
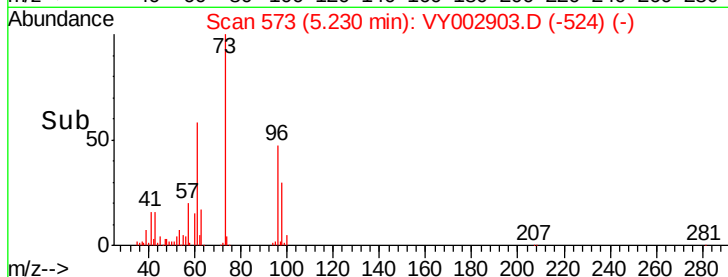
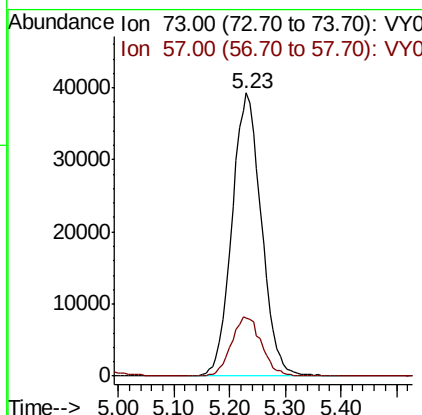
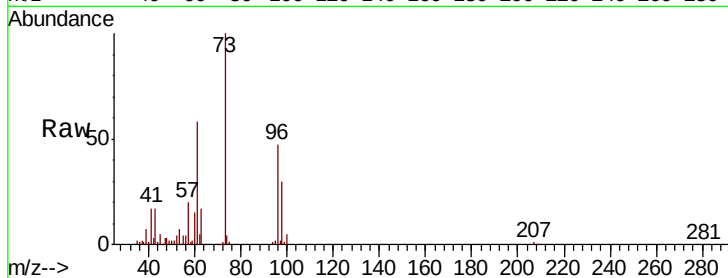




#19
Methyl tert-butyl Ether
Concen: 22.885 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

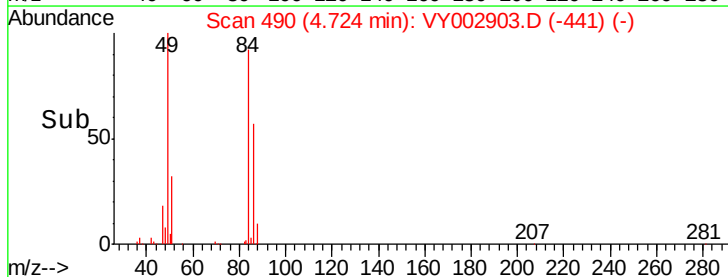
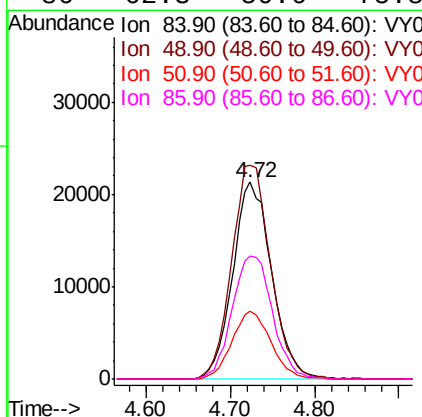
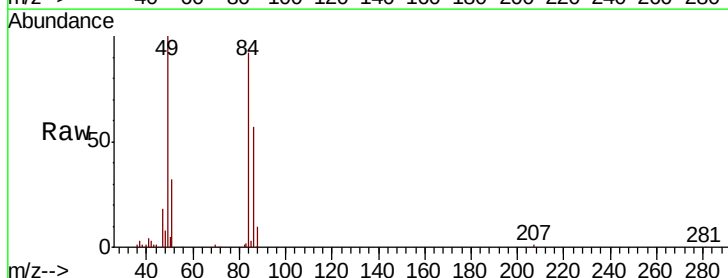
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

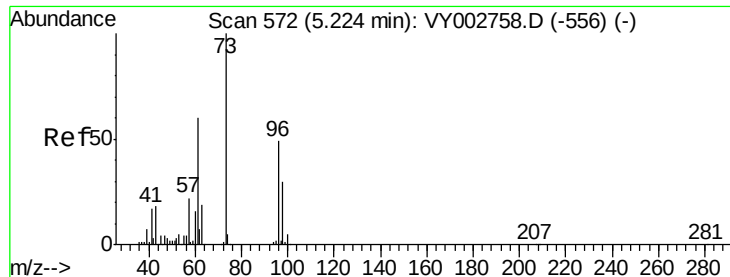
Tot Ion: 73 Resp: 143947
Ion Ratio Lower Upper
73 100
57 20.4 17.0 25.4



#20
Methylene Chloride
Concen: 25.036 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Tgt Ion: 84 Resp: 66717
Ion Ratio Lower Upper
84 100
49 108.6 88.5 132.7
51 34.6 26.8 40.2
86 62.3 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 22.462 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

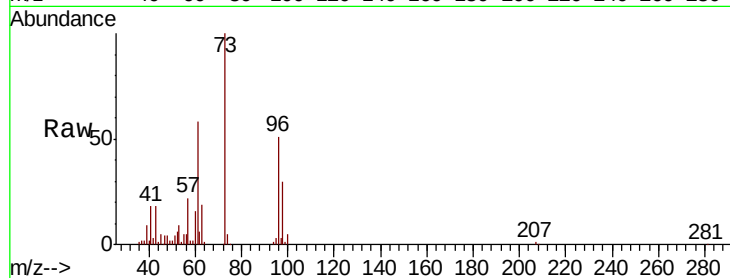
Tot Ion: 96 Resp: 57555

Ion Ratio Lower Upper

96 100

61 114.7 96.8 145.2

98 58.4 49.4 74.0

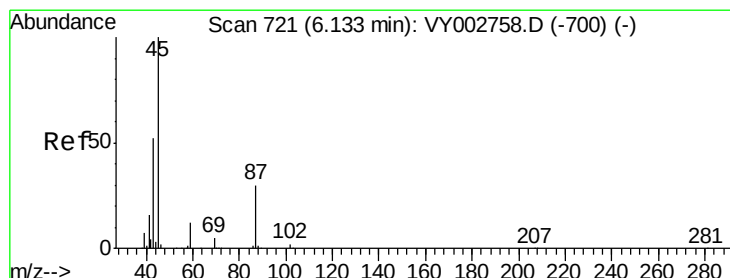
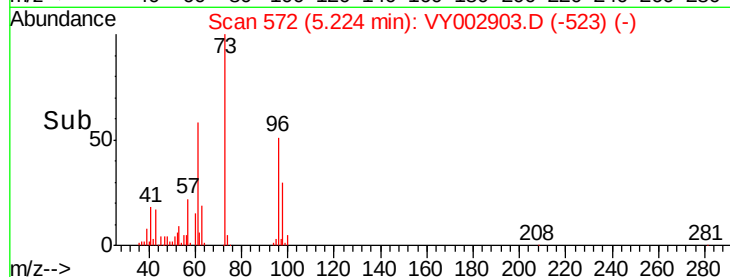
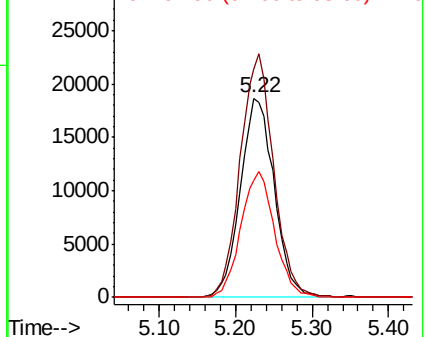


Abundance

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: 22.560 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Tgt Ion: 45 Resp: 153198

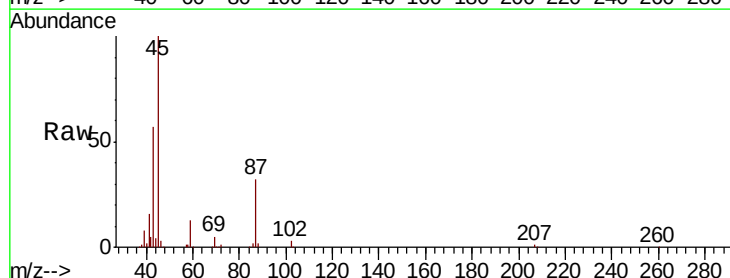
Ion Ratio Lower Upper

45 100

43 57.3 41.7 62.5

87 31.7 24.2 36.2

59 13.4 9.8 14.8



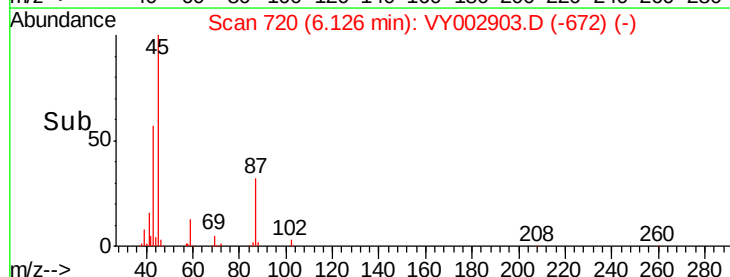
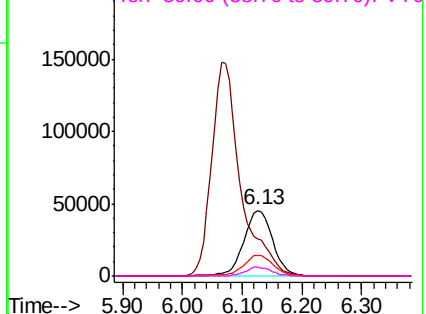
Abundance

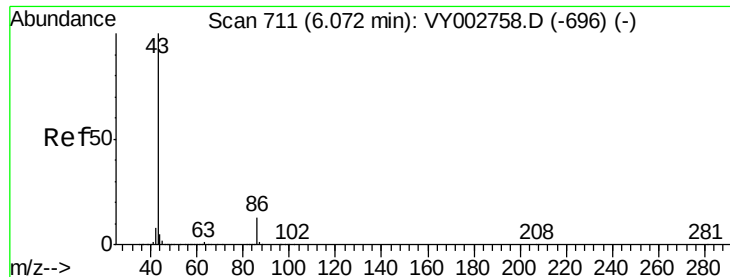
Ion 45.00 (44.70 to 45.70): VY0

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: 110.692 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

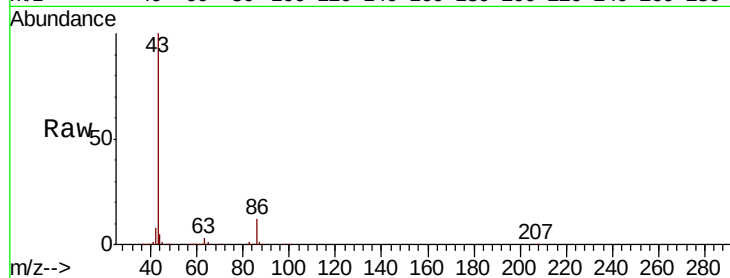
VY0616SBS01

Tot Ion: 43 Resp: 496273

Ion Ratio Lower Upper

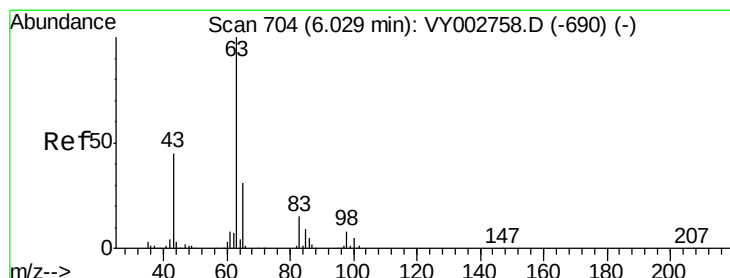
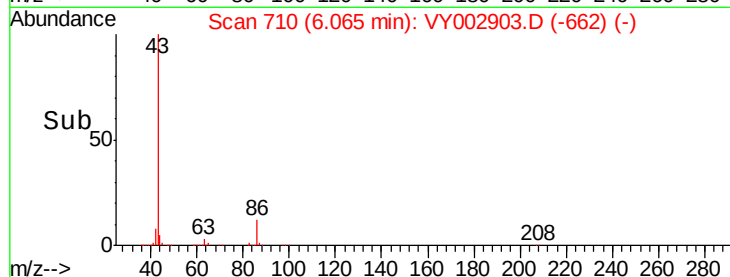
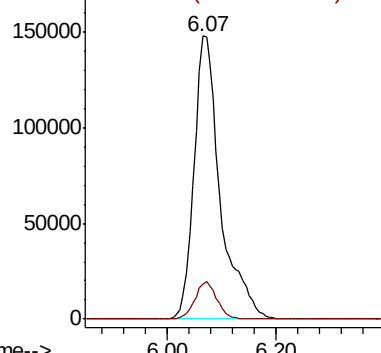
43 100

86 12.2 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.861 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

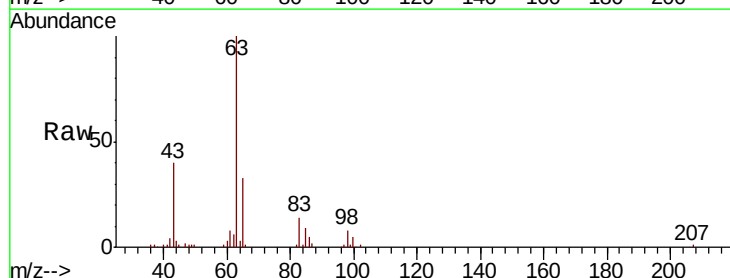
Tgt Ion: 63 Resp: 90811

Ion Ratio Lower Upper

63 100

98 8.3 4.0 12.2

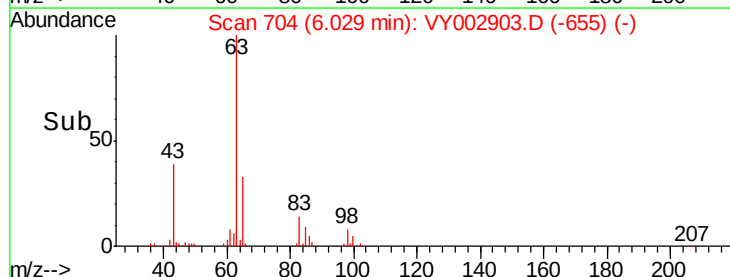
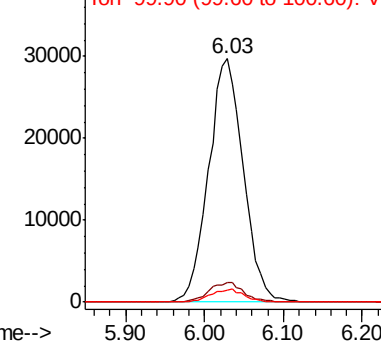
100 5.0 2.4 7.1

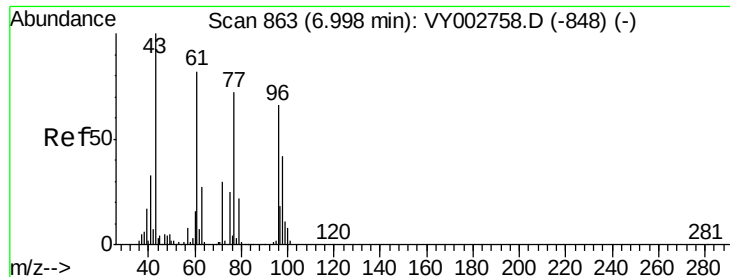


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

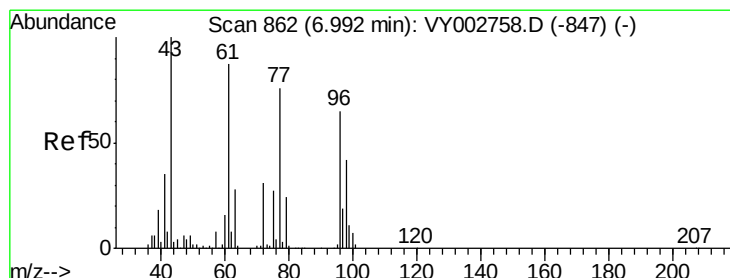
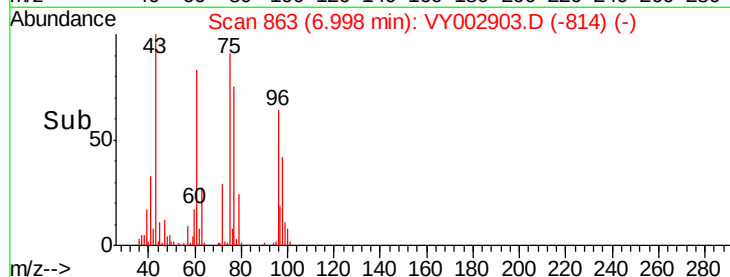
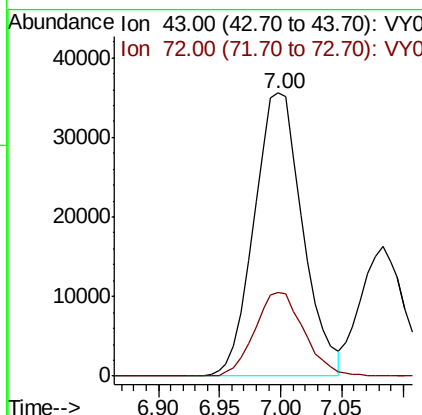
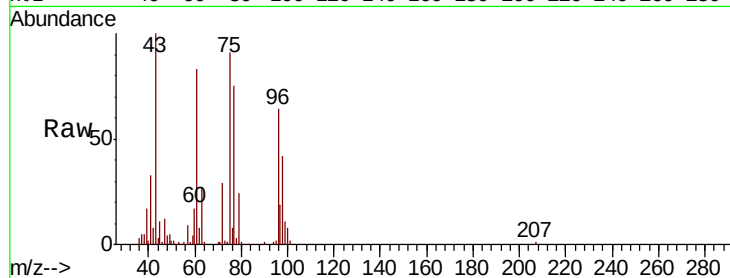




#25
 2-Butanone
 Concen: 115.867 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

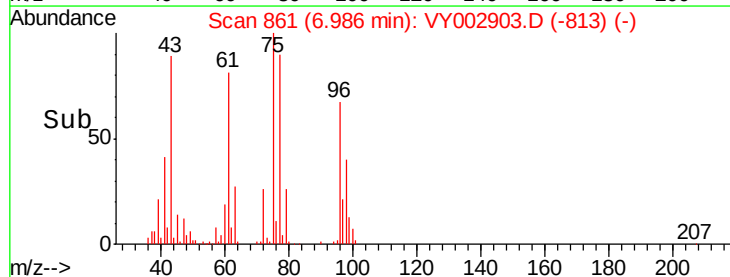
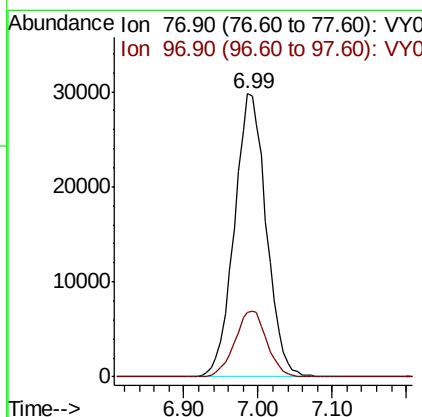
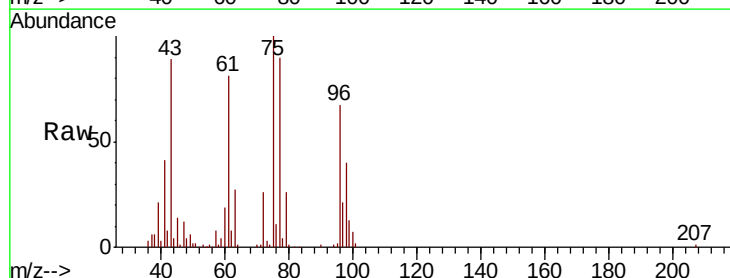
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

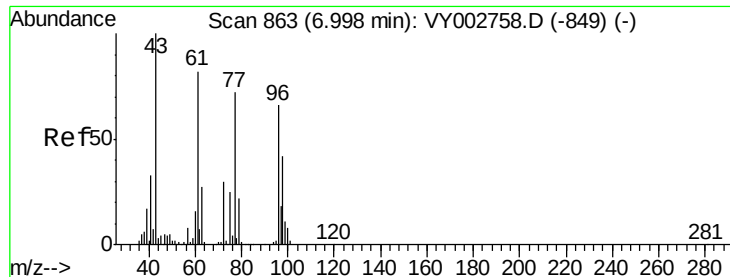
Tot Ion: 43 Resp: 98437
 Ion Ratio Lower Upper
 43 100
 72 29.4 23.9 35.9



#26
 2,2-Dichloropropane
 Concen: 23.451 ug/l
 RT: 6.99 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

Tgt Ion: 77 Resp: 89344
 Ion Ratio Lower Upper
 77 100
 97 23.4 12.2 36.6



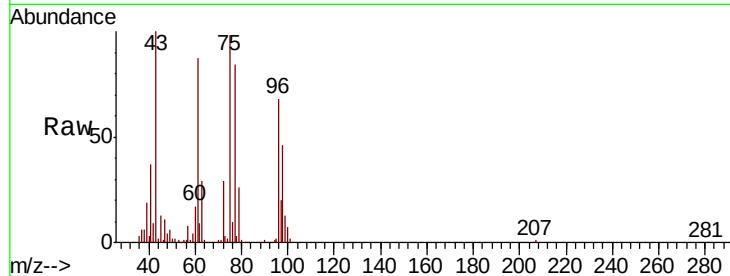


#27

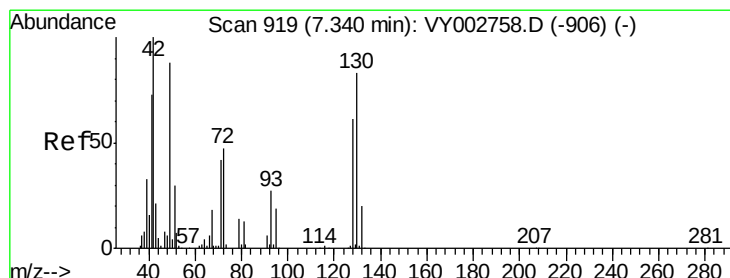
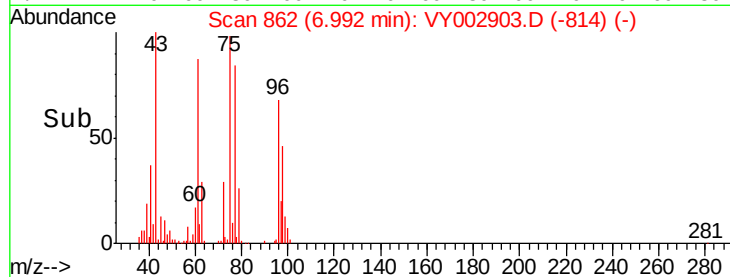
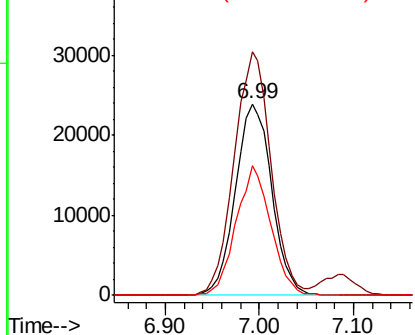
cis-1,2-Dichloroethene
 Concen: 22.569 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Tot Ion: 96 Resp: 64737
 Ion Ratio Lower Upper
 96 100
 61 128.2 0.0 260.2
 98 64.4 0.0 128.2



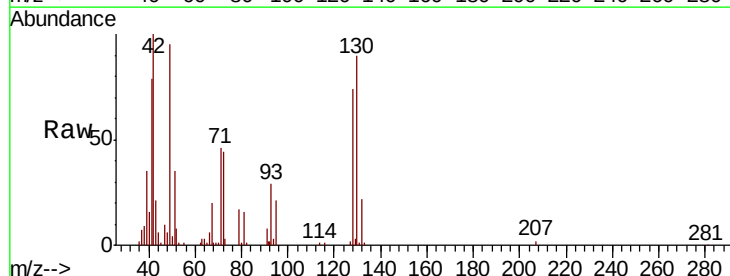
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



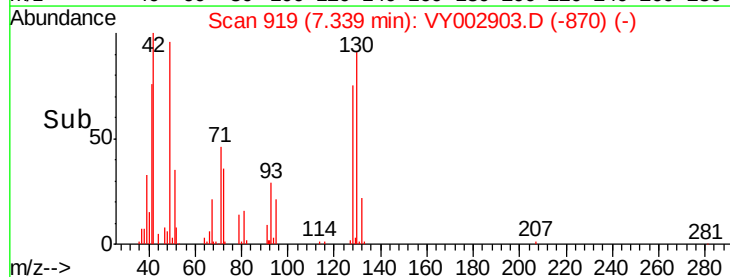
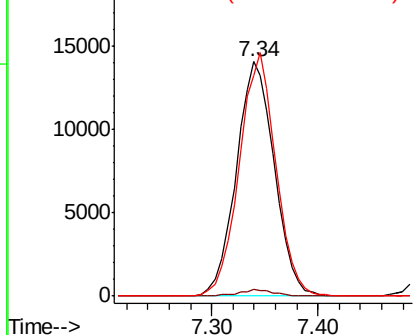
#28

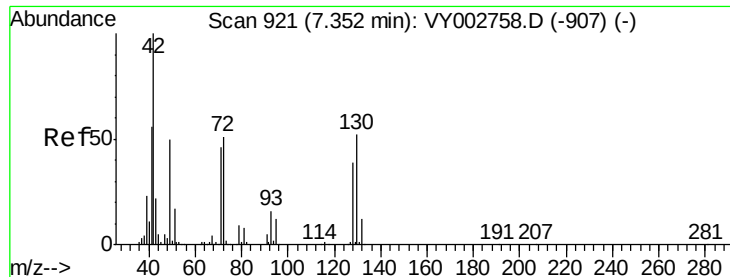
Bromochloromethane
 Concen: 21.562 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

Tgt Ion: 49 Resp: 35162
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.2
 130 99.6 77.1 115.7



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

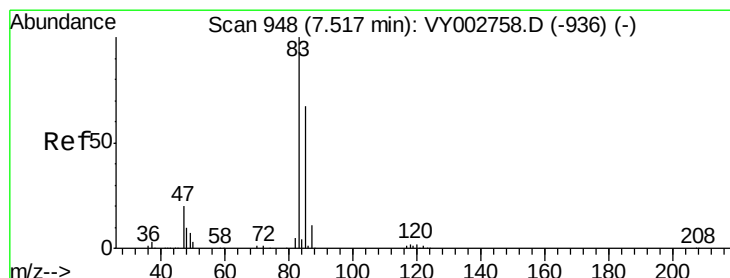
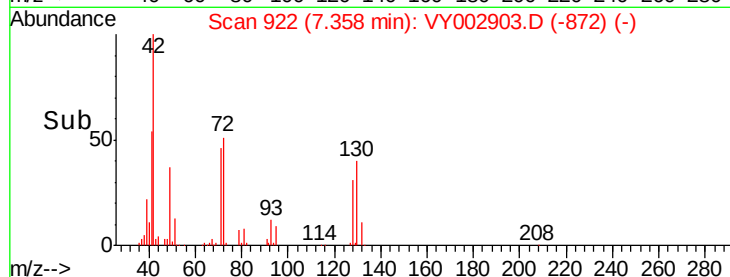
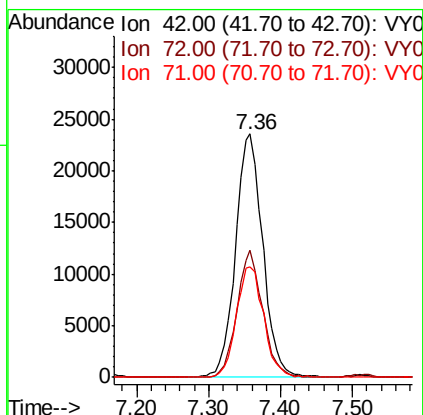
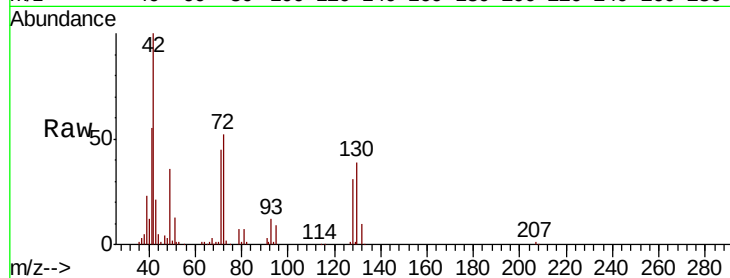




#29
Tetrahydrofuran
Concen: 111.898 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

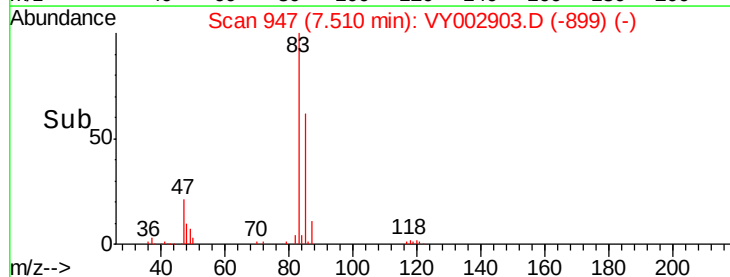
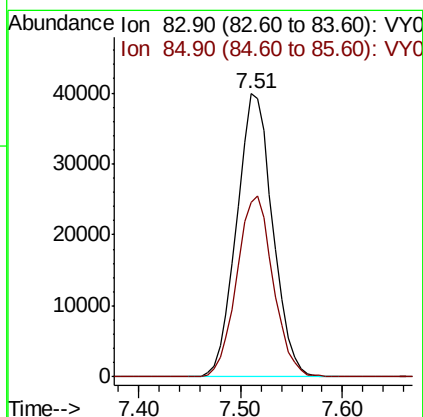
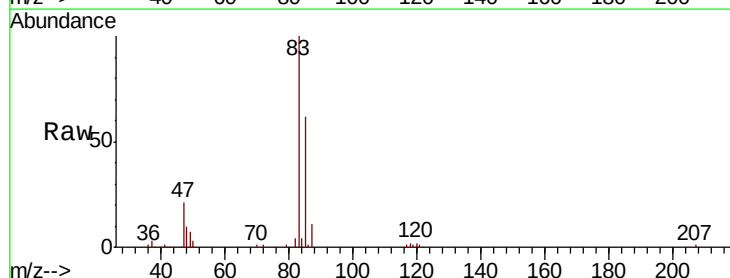
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

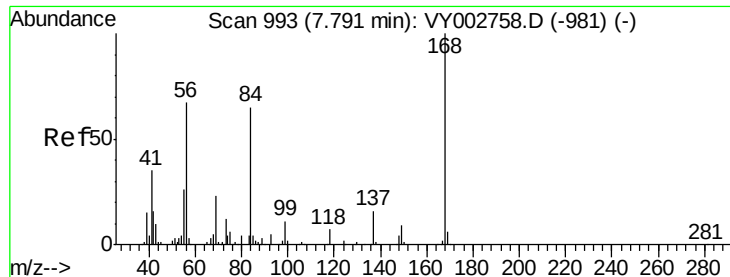
Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	38.6	58.0
71	45.4	35.8	53.8



#30
Chloroform
Concen: 23.152 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	53.8	80.8





#31

Cyclohexane

Concen: 21.500 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

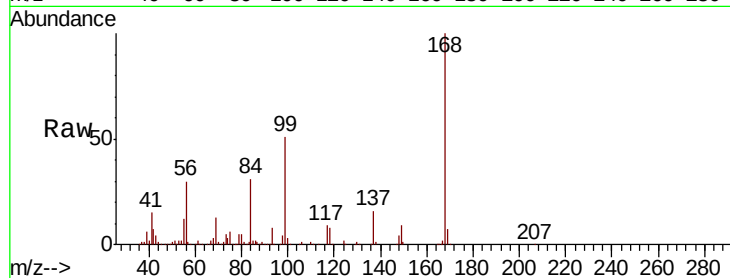
Tot Ion: 56 Resp: 84796

Ion Ratio Lower Upper

56 100

69 41.7 28.0 42.0

84 99.6 77.7 116.5

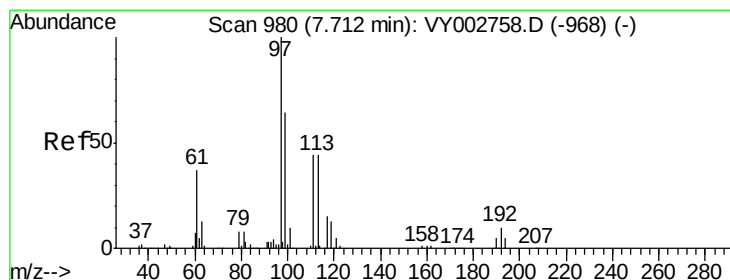
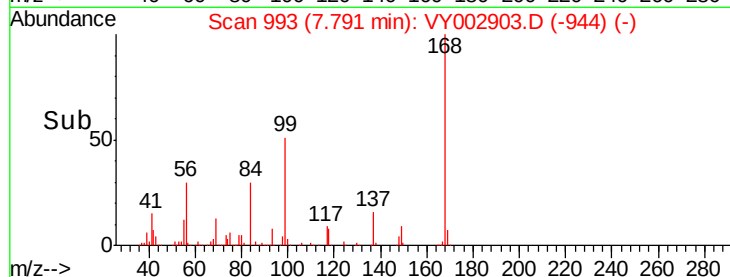
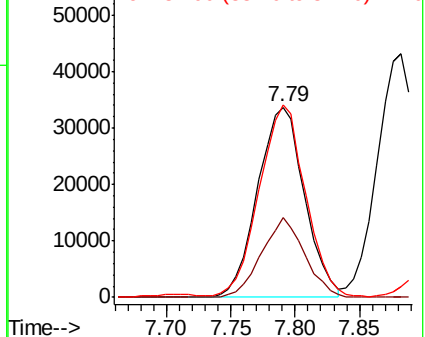


Abundance

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: 23.309 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

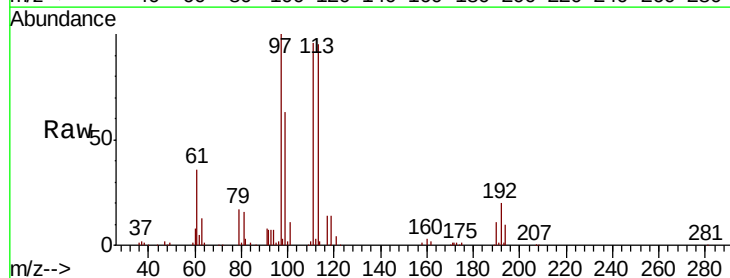
Tgt Ion: 97 Resp: 91559

Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.0

61 37.5 30.1 45.1

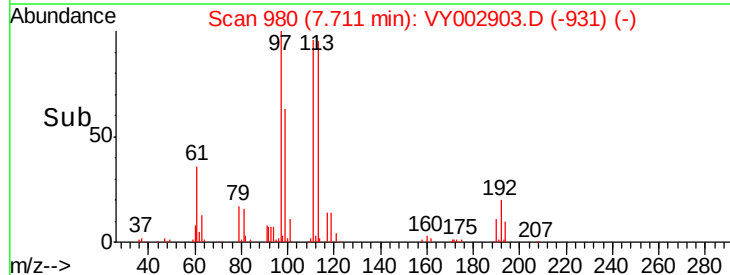
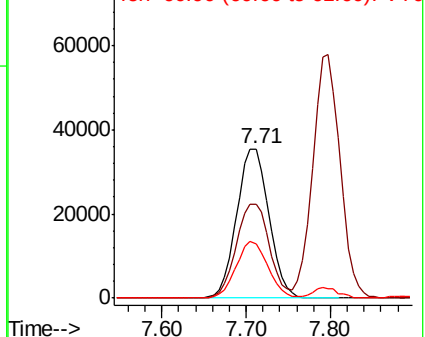


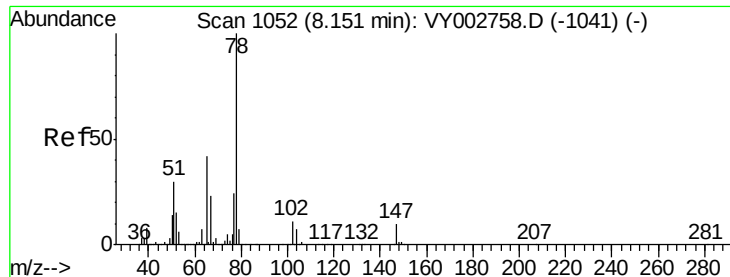
Abundance

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

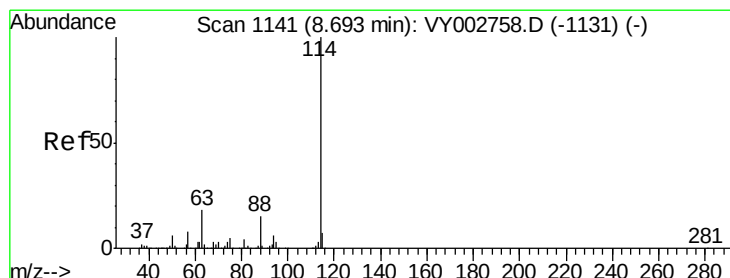
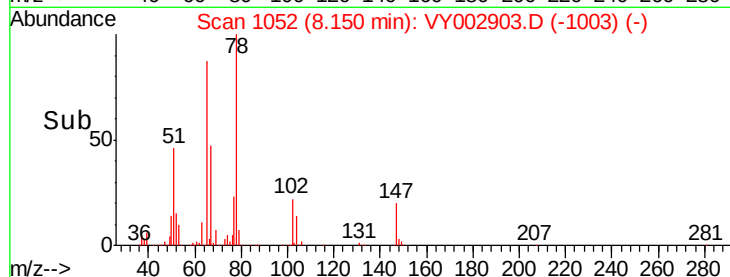
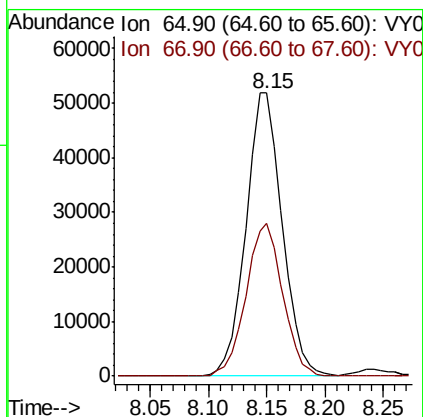
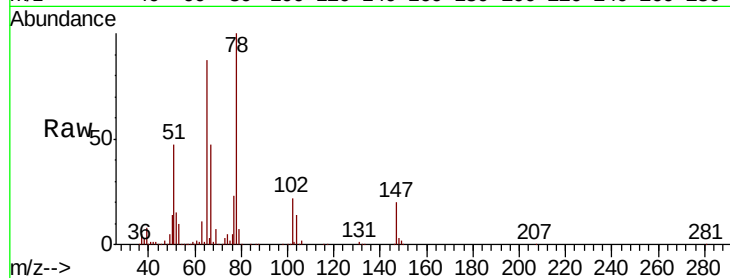




#33
 1,2-Dichloroethane-d4
 Concen: 48.214 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

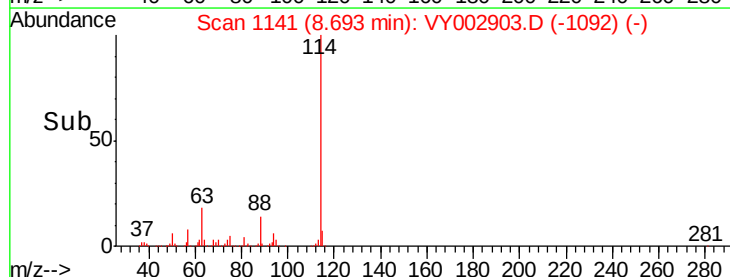
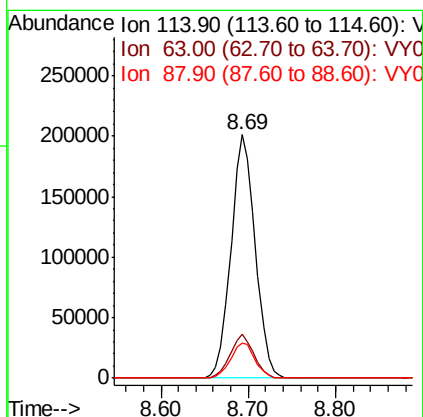
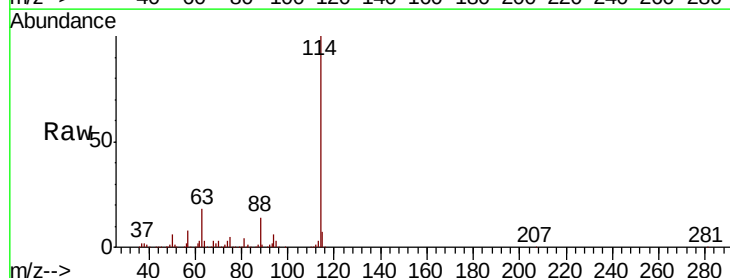
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

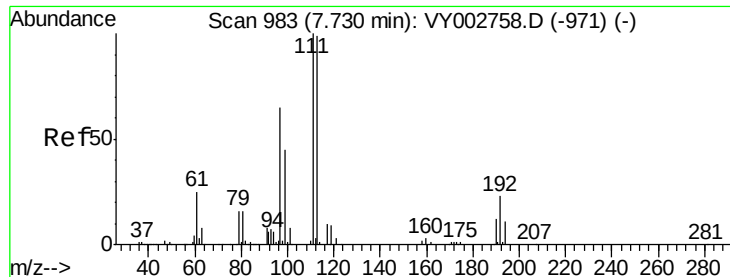
Tot Ion: 65 Resp: 112121
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

Tgt Ion: 114 Resp: 386135
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.2
 88 14.2 0.0 29.2

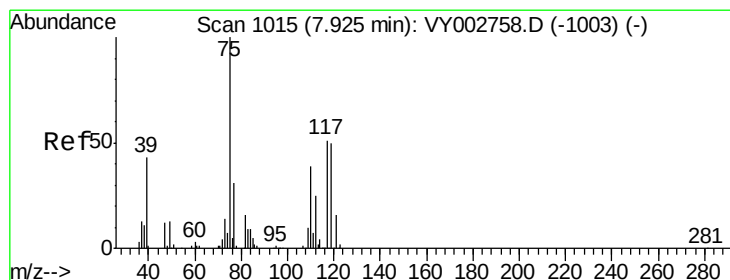
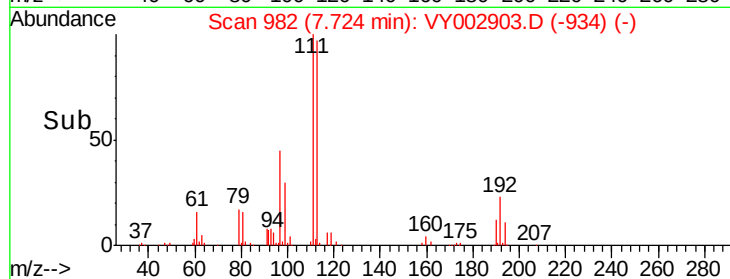
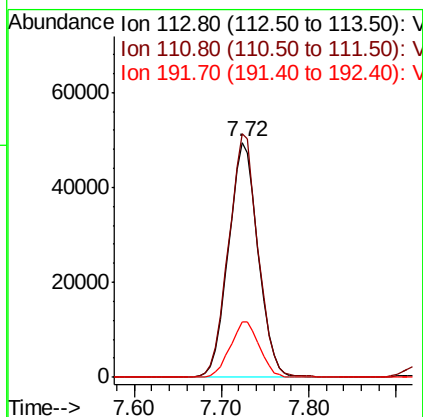
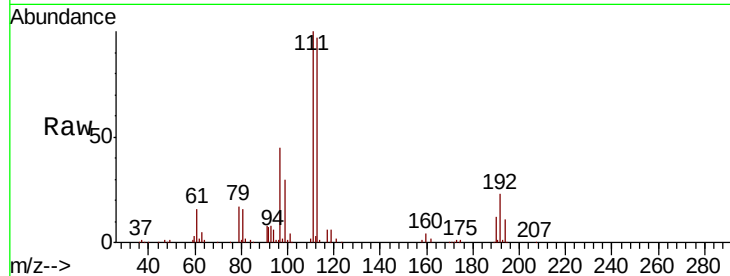




#35
 Dibromofluoromethane
 Concen: 51.451 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

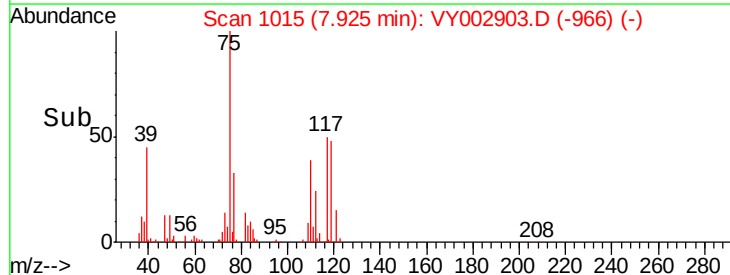
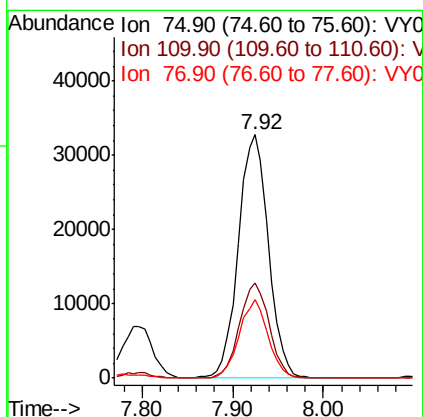
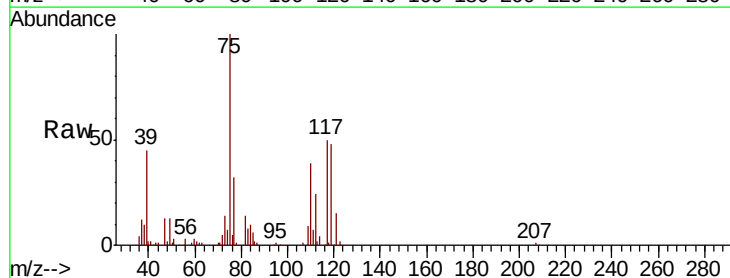
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

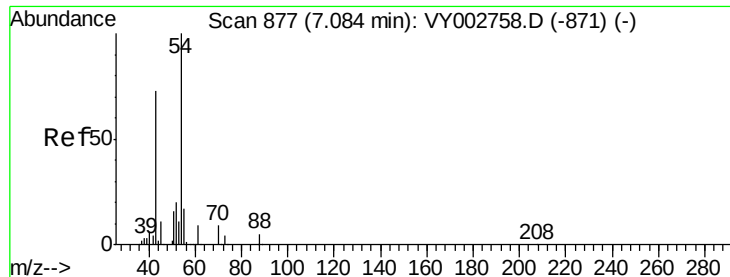
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	23.5	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 23.148 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.5	19.3	57.9
77	31.0	24.8	37.2

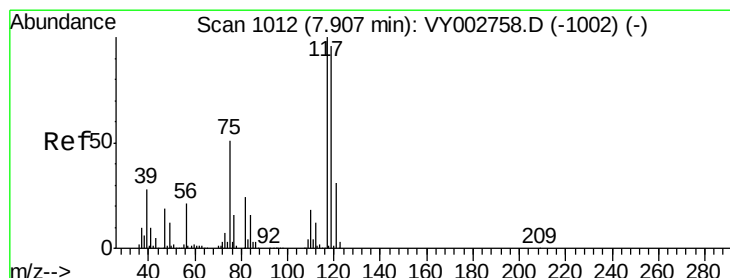
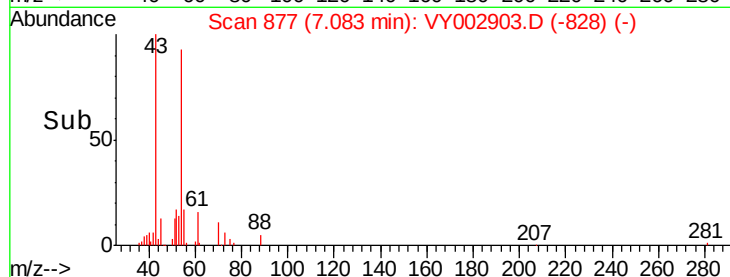
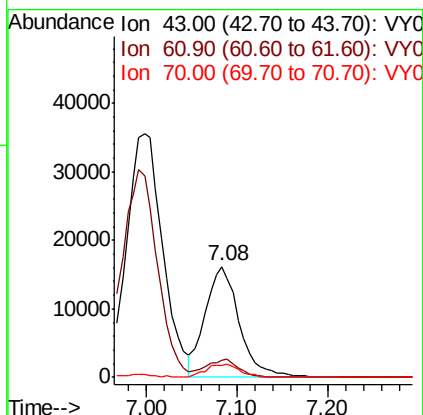
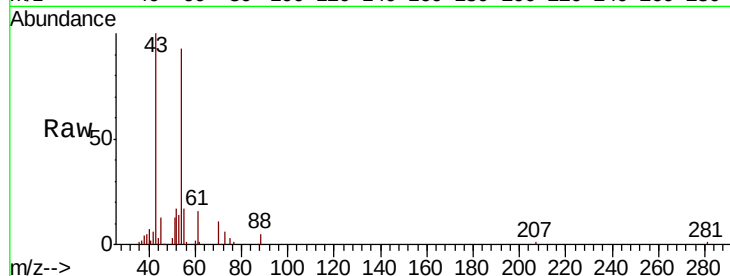




#37
Ethyl Acetate
Concen: 24.109 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

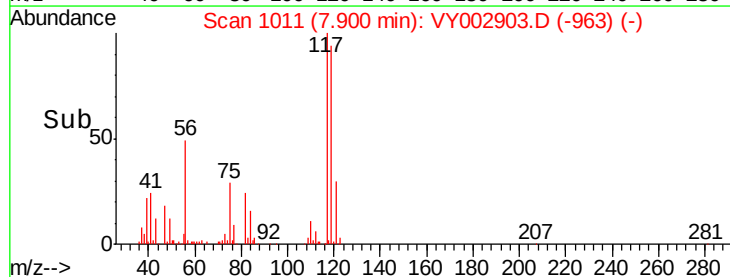
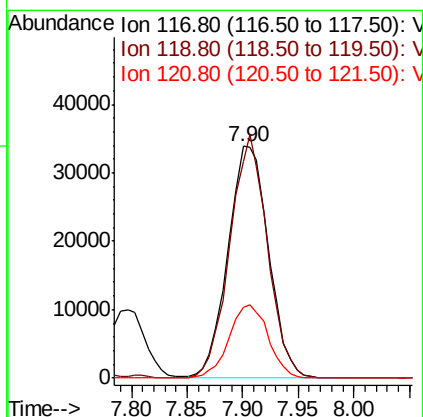
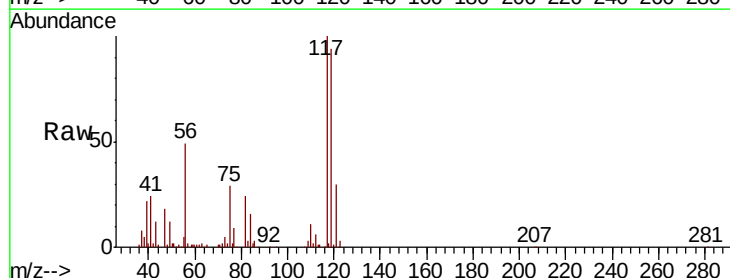
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

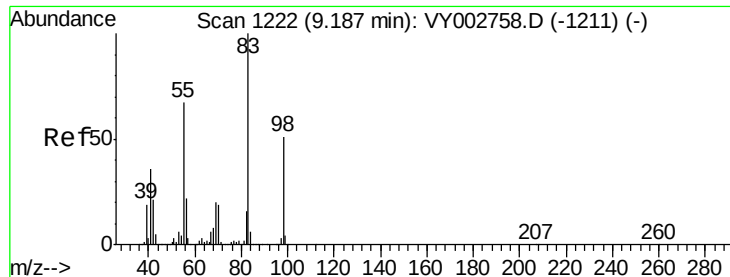
Tot Ion: 43 Resp: 42667
Ion Ratio Lower Upper
43 100
61 15.3 11.9 17.9
70 12.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 23.716 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Tgt Ion: 117 Resp: 85697
Ion Ratio Lower Upper
117 100
119 93.5 76.8 115.2
121 30.4 24.8 37.2

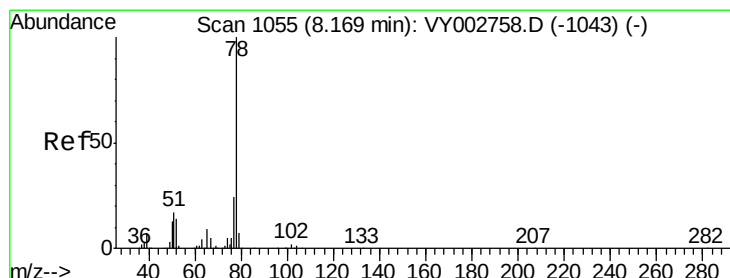
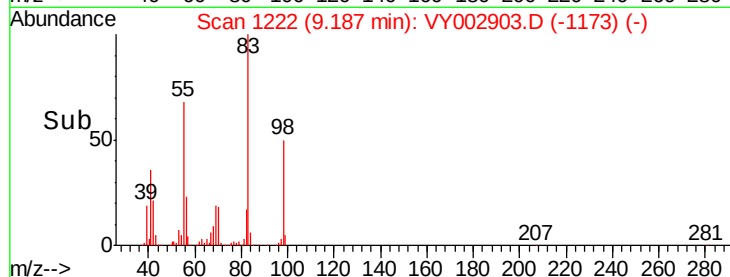
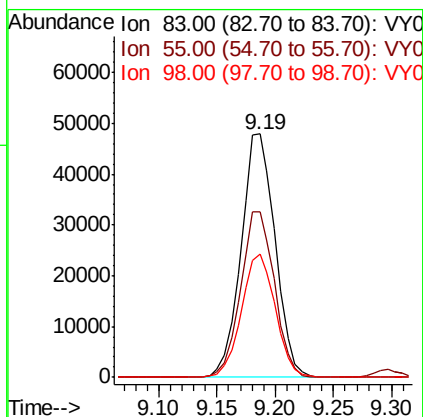
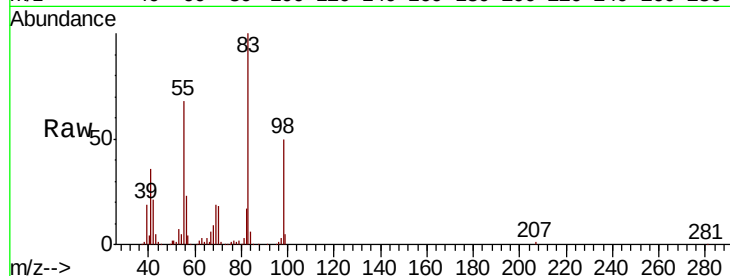




#39
Methylvlcyclohexane
Concen: 22.816 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

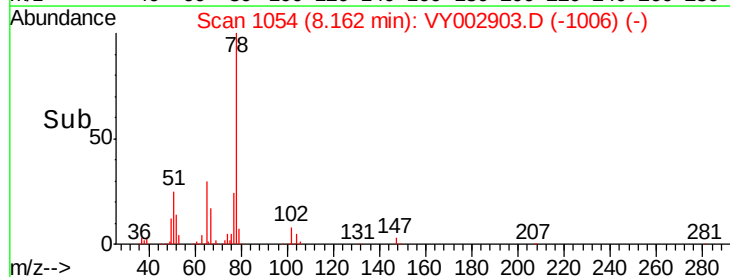
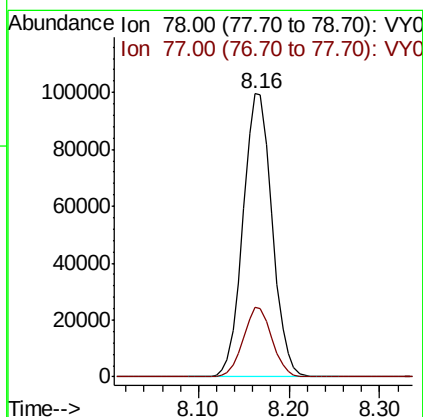
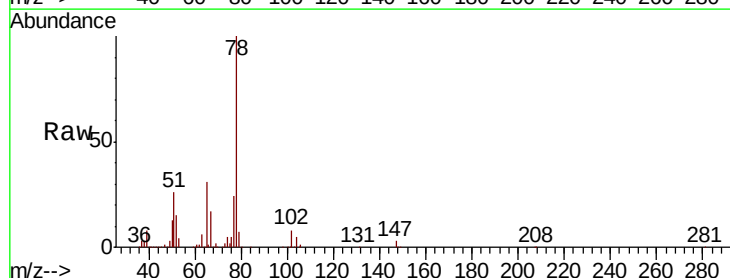
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

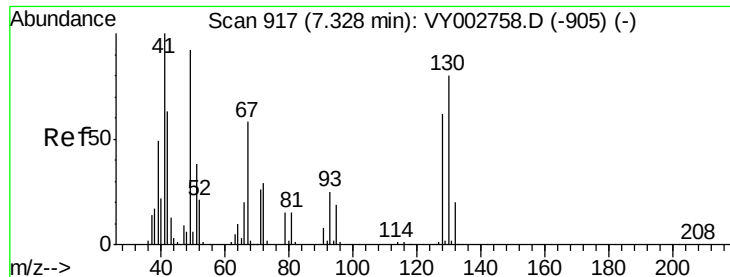
Tot Ion: 83 Resp: 97819
Ion Ratio Lower Upper
83 100
55 67.8 53.3 79.9
98 50.4 41.1 61.7



#40
Benzene
Concen: 23.040 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Tgt Ion: 78 Resp: 221437
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2

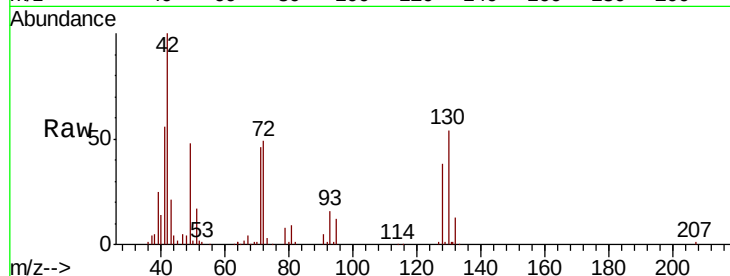




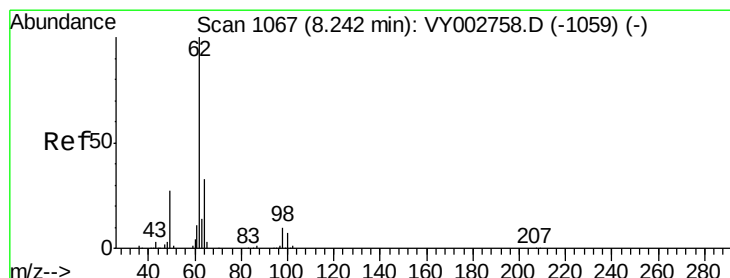
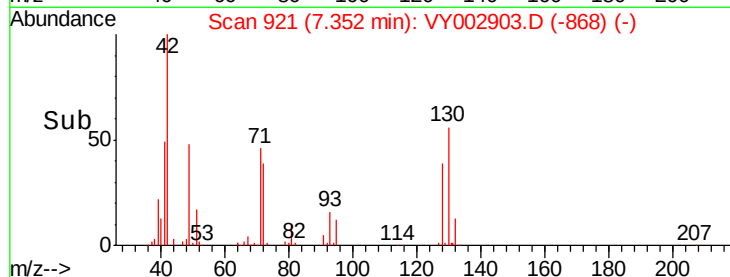
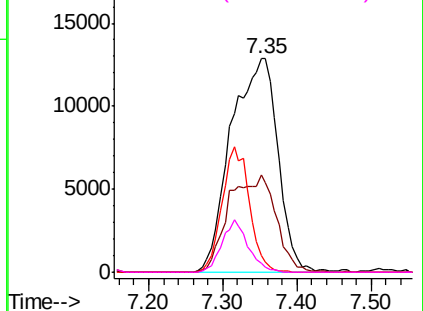
#41
Methacrylonitrile
Concen: 59.522 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tot Ion: 41 Resp: 56590
Ion Ratio Lower Upper
41 100
39 45.7 97.6 146.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

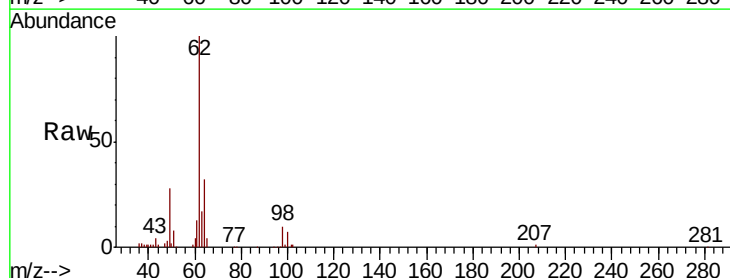


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

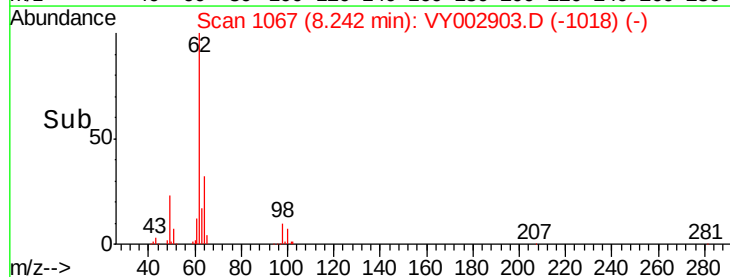
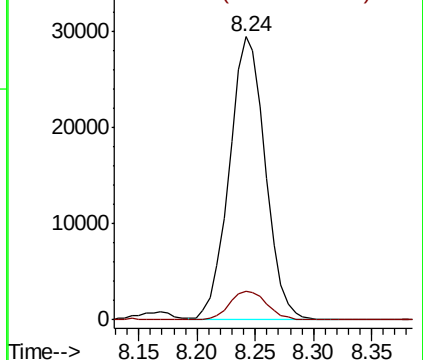


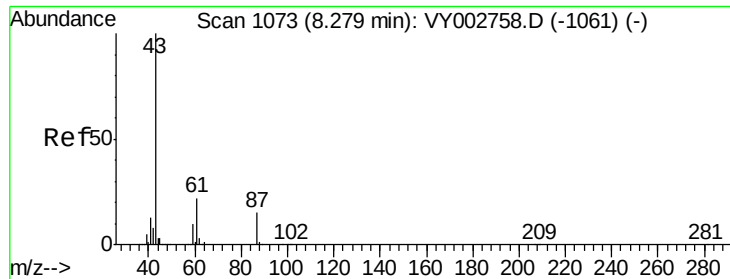
#42
1,2-Dichloroethane
Concen: 23.481 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Tgt Ion: 62 Resp: 63248
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.6



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





#43

Isopropyl Acetate

Concen: 23.405 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

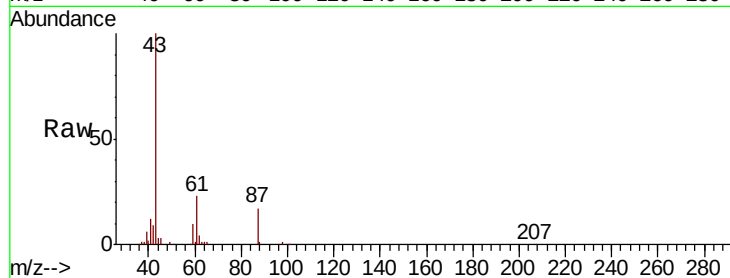
Tot Ion: 43 Resp: 78492

Ion Ratio Lower Upper

43 100

61 31.2 24.8 37.2

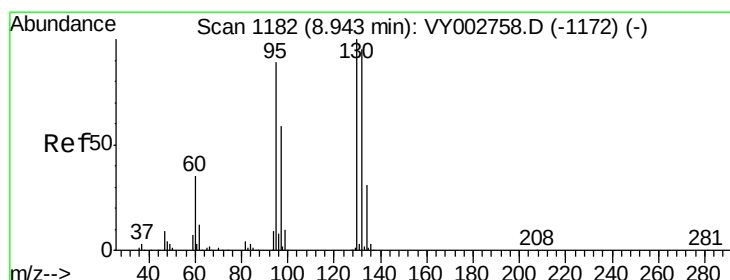
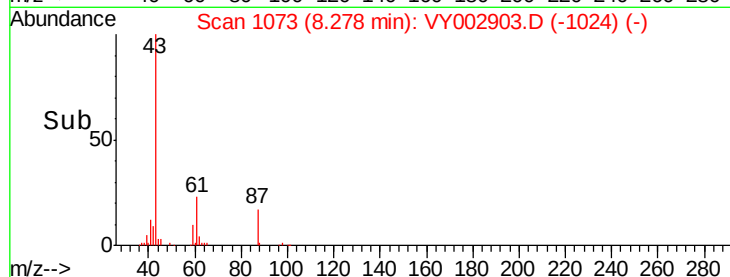
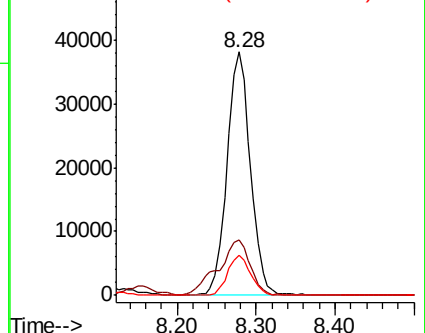
87 16.4 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 23.357 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002903.D

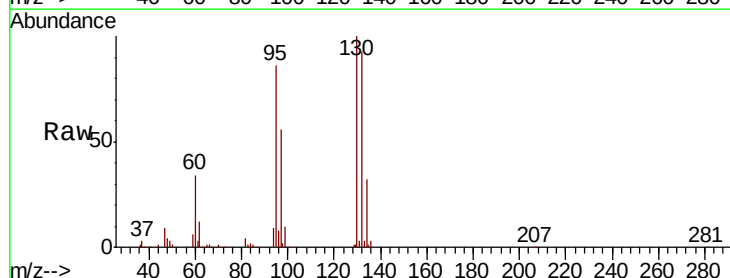
Acq: 16 Jun 2020 12:36

Tgt Ion:130 Resp: 70909

Ion Ratio Lower Upper

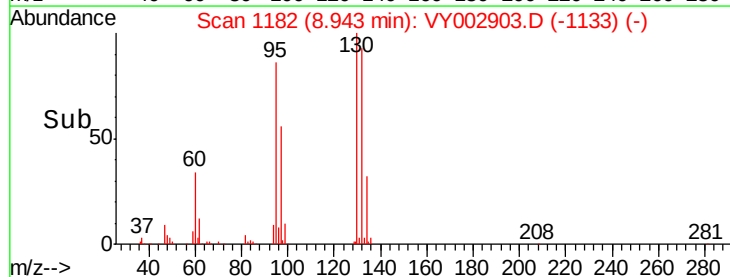
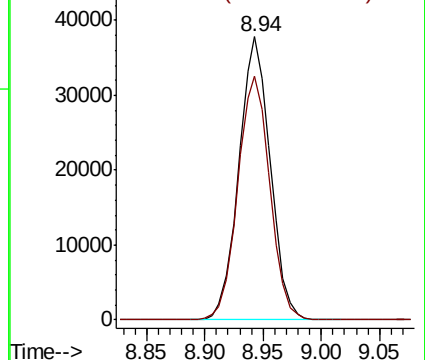
130 100

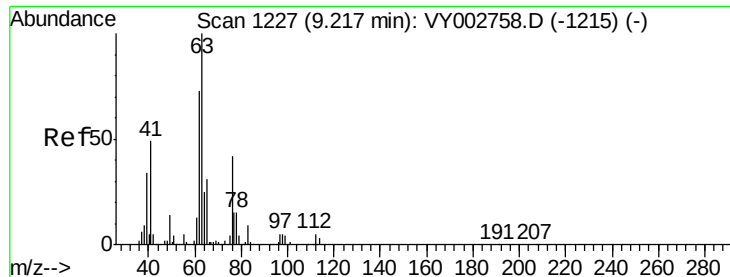
95 86.0 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

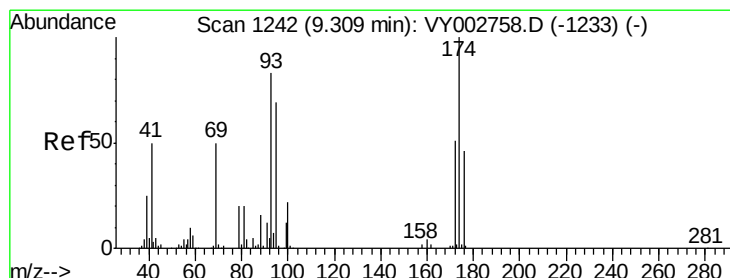
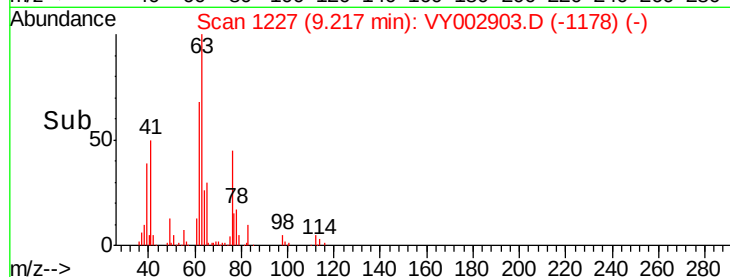
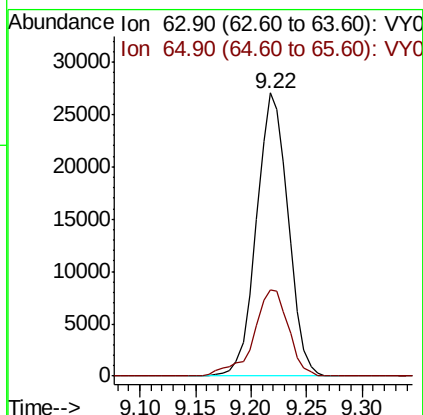
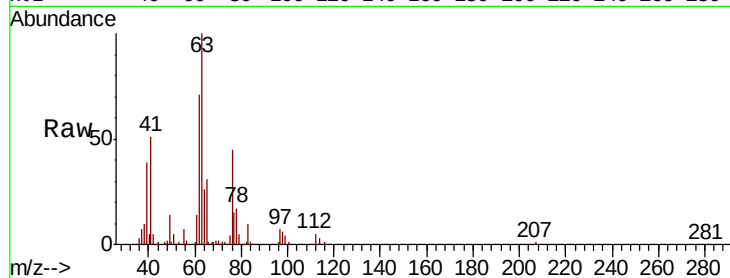




#45
 1,2-Dichloropropane
 Concen: 23.248 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

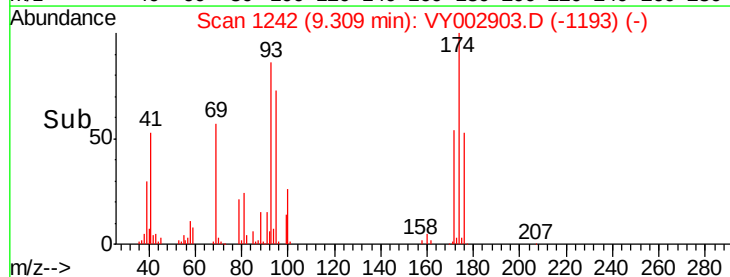
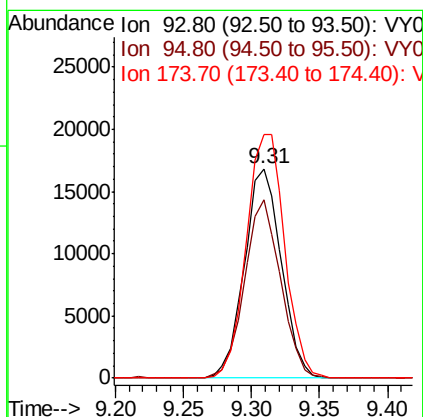
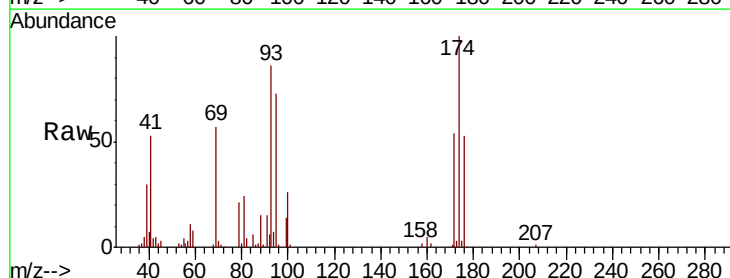
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

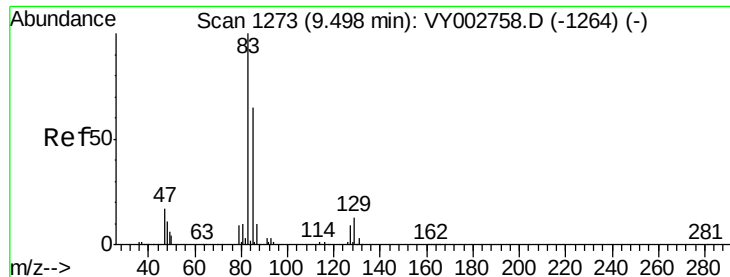
Tot Ion: 63 Resp: 53583
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.8 37.2



#46
 Dibromomethane
 Concen: 23.463 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

Tgt Ion: 93 Resp: 32116
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.9 100.3
 174 121.0 97.7 146.5





#47

Bromodichloromethane

Concen: 23.736 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

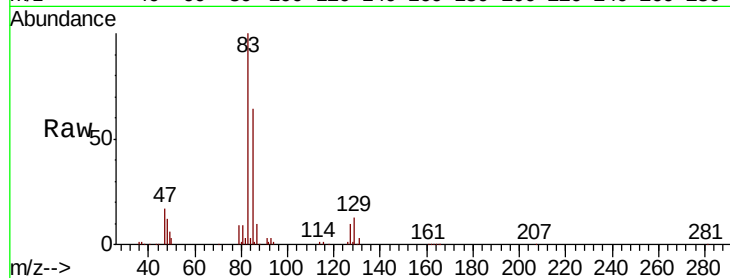
Tot Ion: 83 Resp: 76593

Ion Ratio Lower Upper

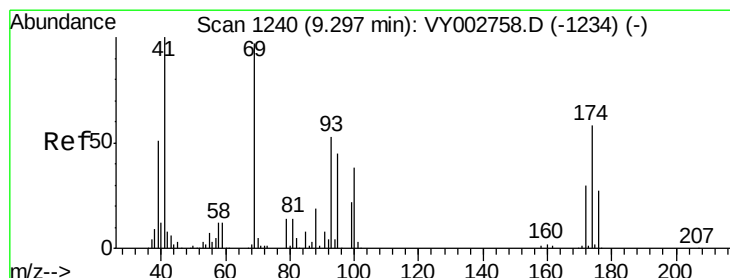
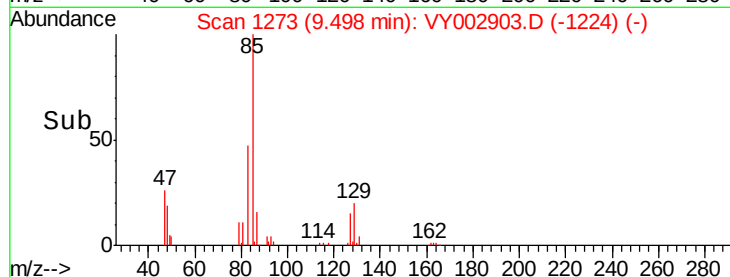
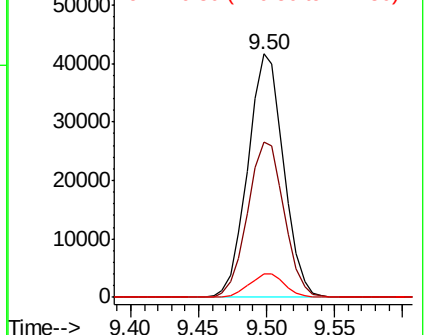
83 100

85 64.0 51.9 77.9

127 9.5 7.1 10.7



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: 22.957 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

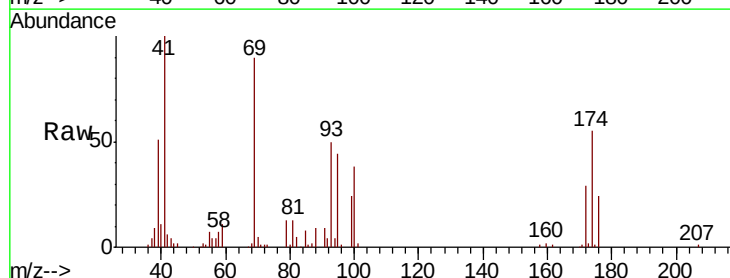
Tgt Ion: 41 Resp: 34755

Ion Ratio Lower Upper

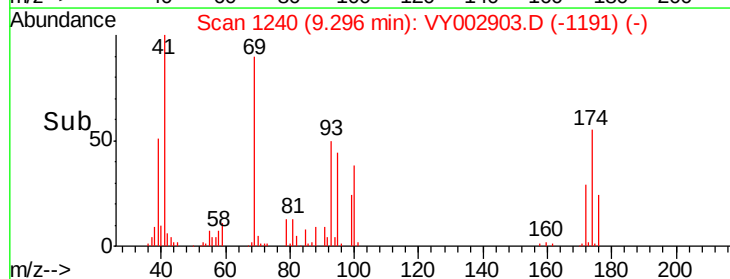
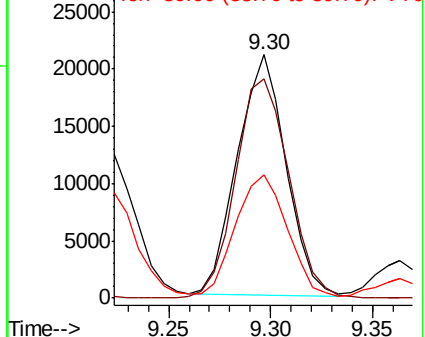
41 100

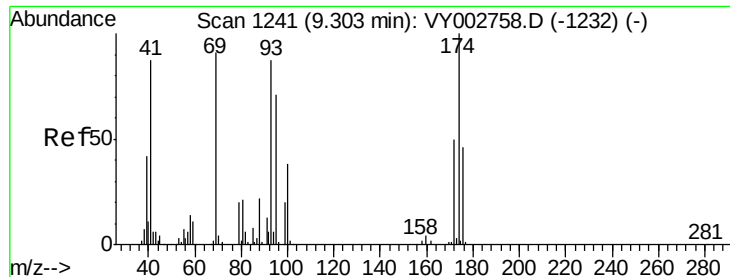
69 100.0 79.7 119.5

39 55.3 43.3 64.9



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

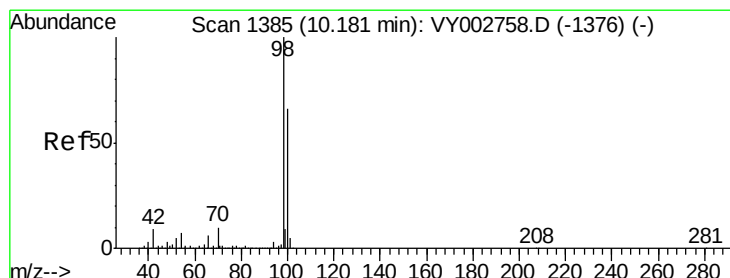
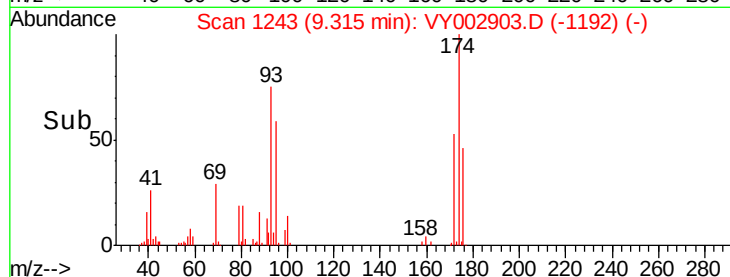
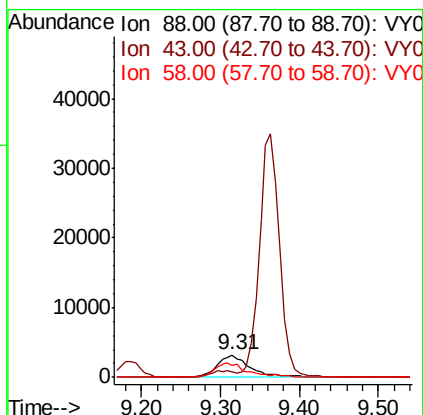
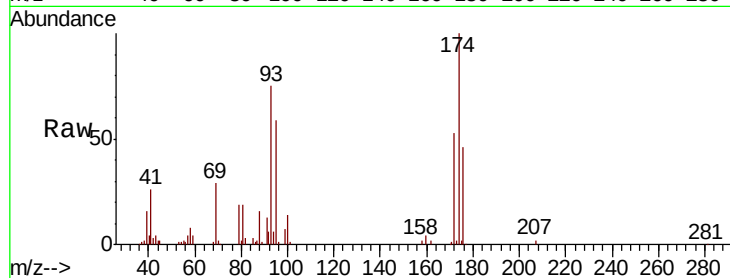




#49
1,4-Dioxane
Concen: 446.909 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

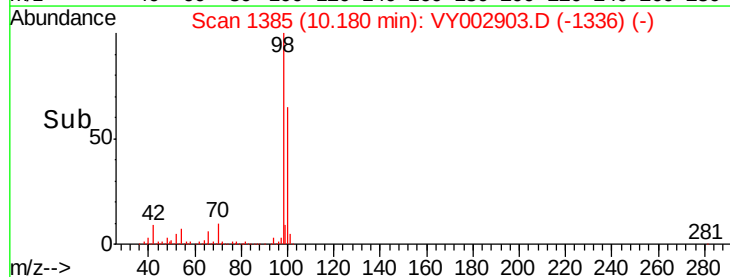
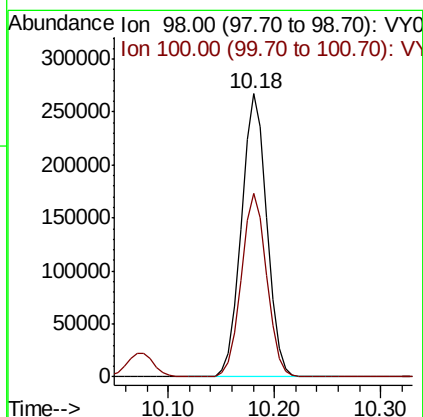
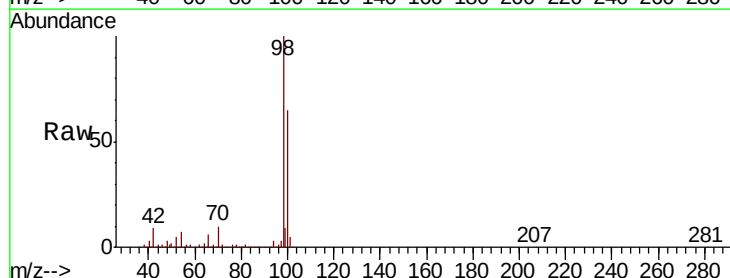
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

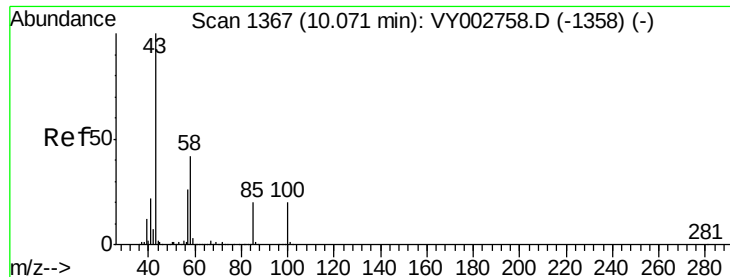
Tot Ion: 88 Resp: 9393
Ion Ratio Lower Upper
88 100
43 22.4 21.3 31.9
58 65.1 52.2 78.2



#50
Toluene-d8
Concen: 48.999 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Tgt Ion: 98 Resp: 448325
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2

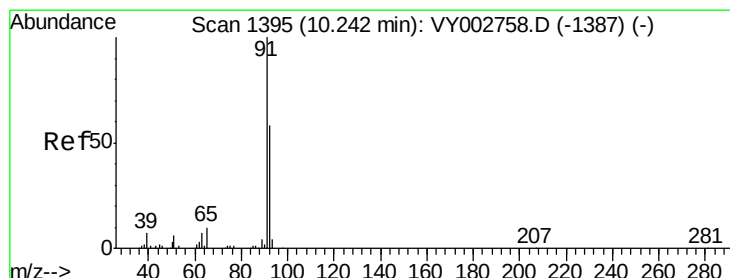
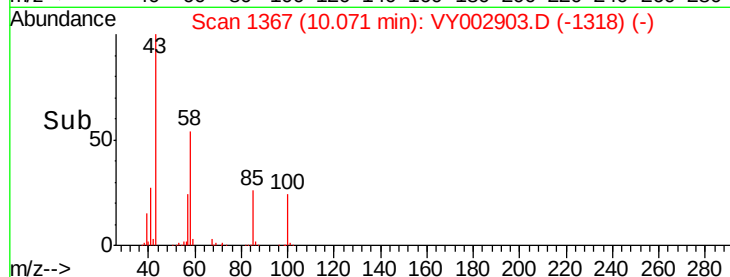
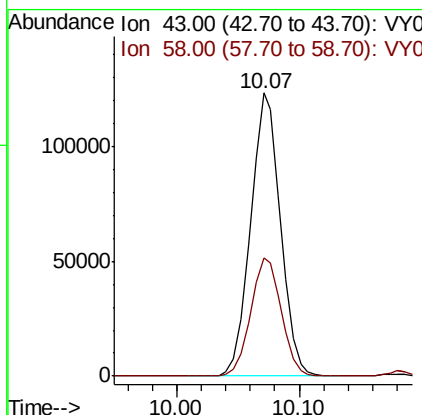
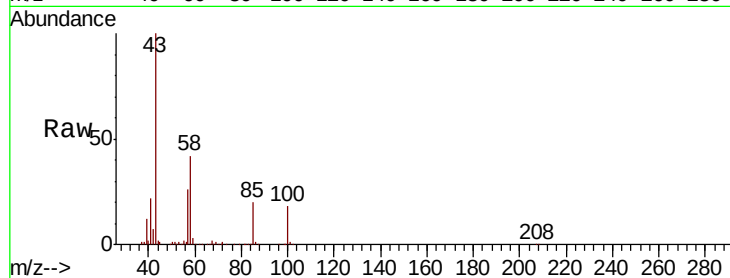




#51
4-Methyl-2-Pentanone
Concen: 117.817 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

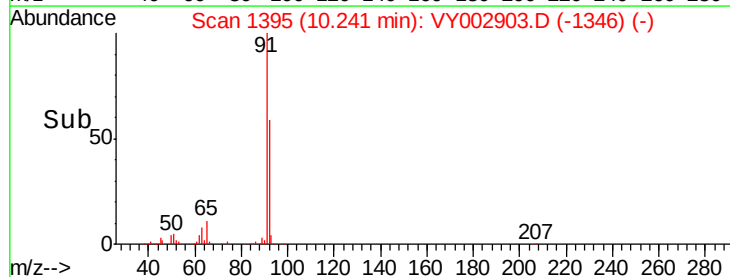
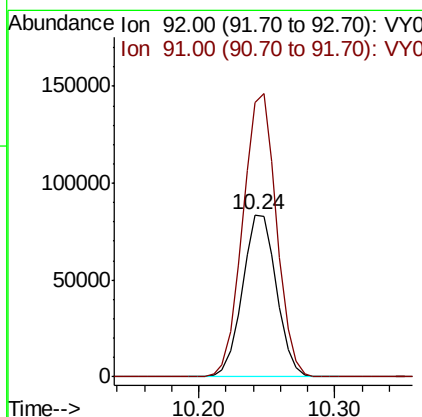
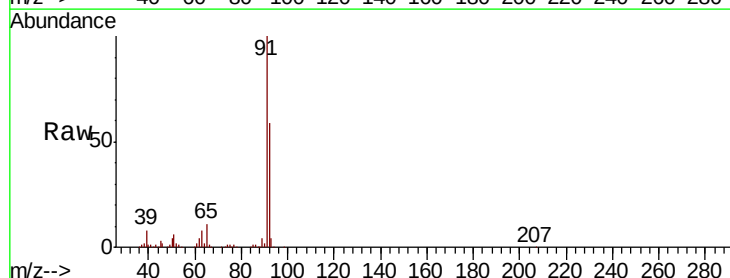
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

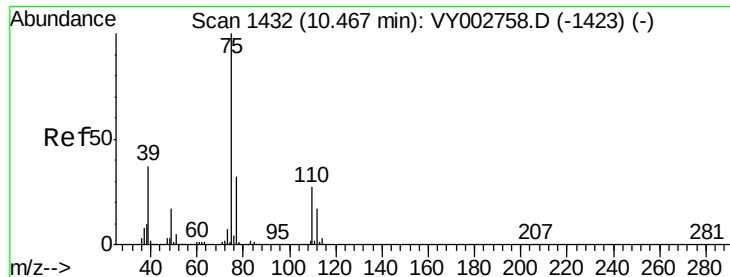
Tot Ion: 43 Resp: 209223
Ion Ratio Lower Upper
43 100
58 42.7 34.2 51.2



#52
Toluene
Concen: 23.253 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Tgt Ion: 92 Resp: 146199
Ion Ratio Lower Upper
92 100
91 173.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 23.616 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

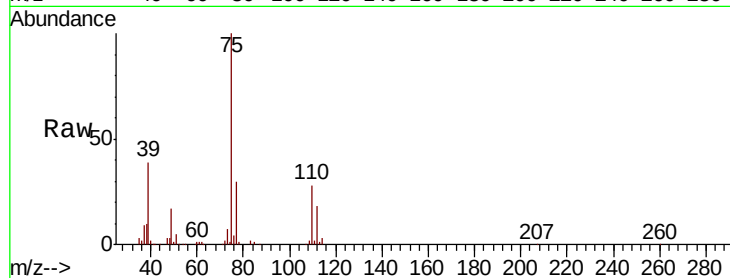
VY0616SBS01

Tot Ion: 75 Resp: 83237

Ion Ratio Lower Upper

75 100

77 30.4 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

50000

40000

30000

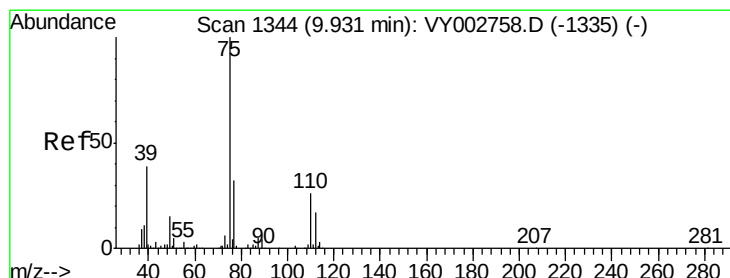
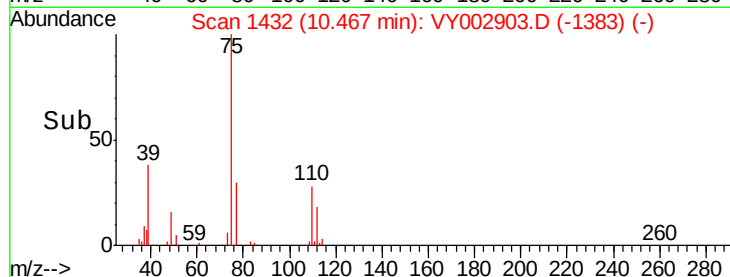
20000

10000

0

Time-->

10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 23.325 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

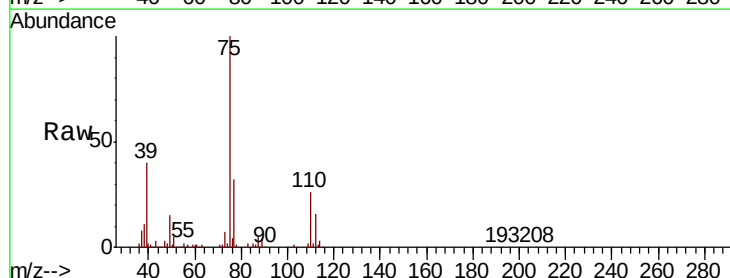
Tgt Ion: 75 Resp: 93155

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

39 39.7 31.3 46.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

60000

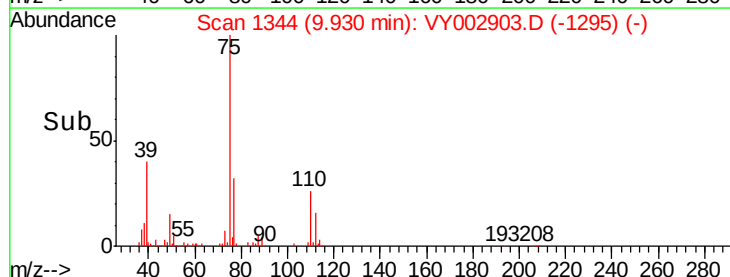
40000

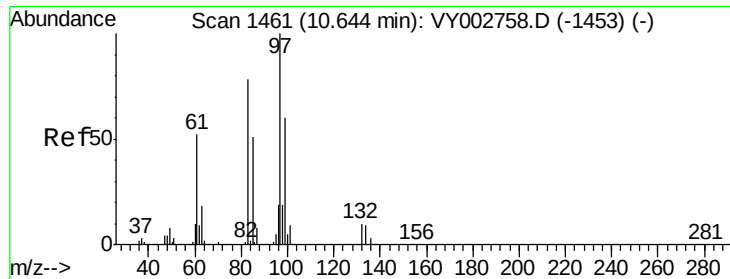
20000

0

Time-->

9.90 10.00

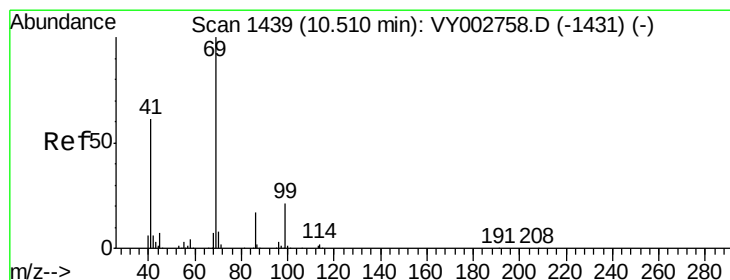
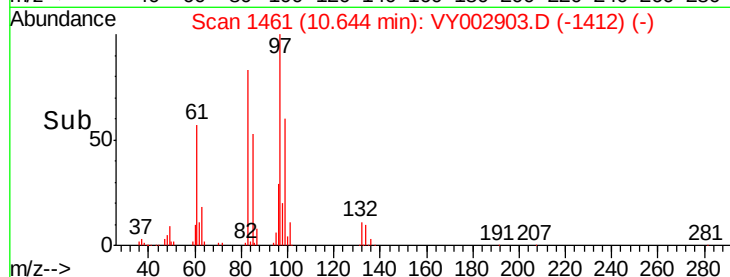
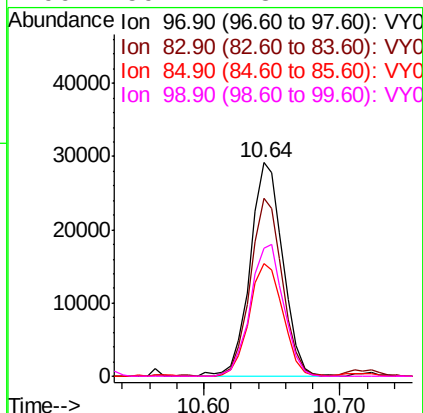
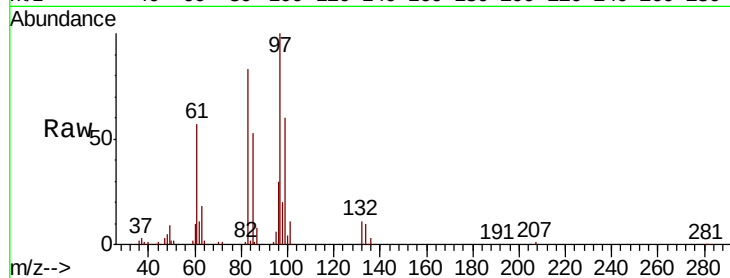




#55
 1,1,2-Trichloroethane
 Concen: 23.532 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

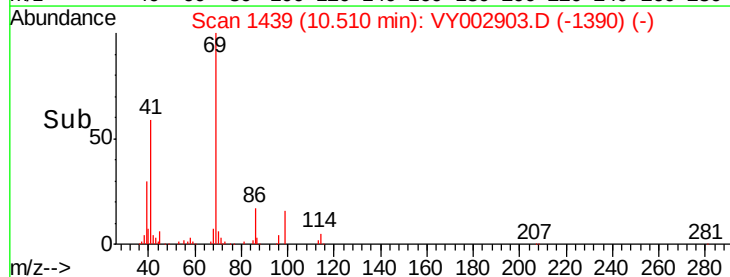
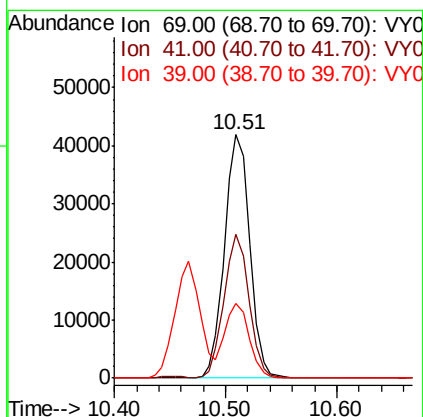
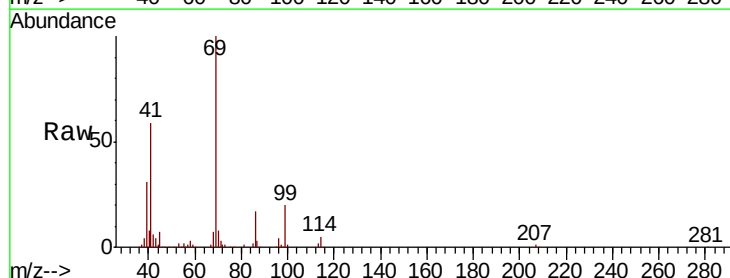
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

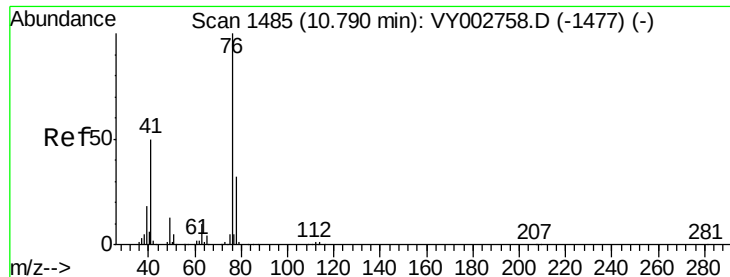
Tot Ion:	97	Resp:	49313
Ion	Ratio	Lower	Upper
97	100		
83	83.0	62.7	94.1
85	52.6	40.6	60.8
99	59.7	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 23.494 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

Tgt Ion:	69	Resp:	65946
Ion	Ratio	Lower	Upper
69	100		
41	58.0	47.0	70.4
39	29.2	22.0	33.0





#57

1,3-Dichloropropane

Concen: 23.432 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

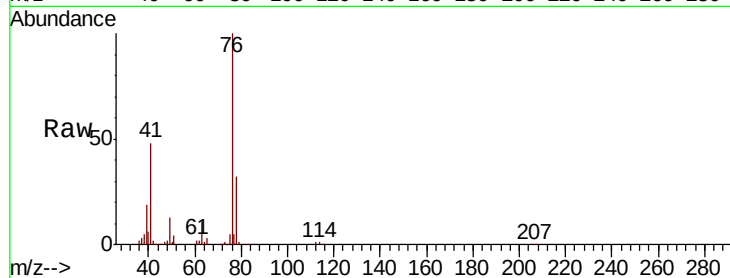
VY0616SBS01

Tot Ion: 76 Resp: 80765

Ion Ratio Lower Upper

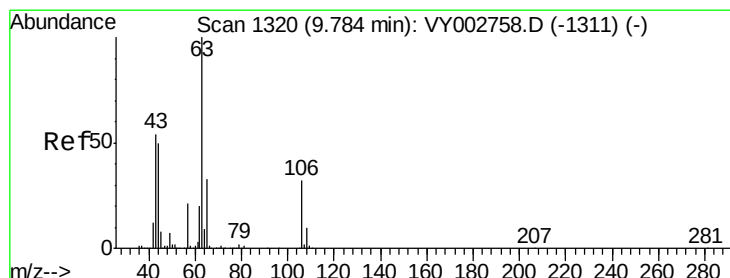
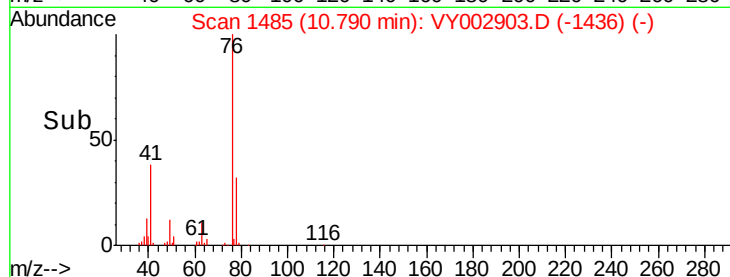
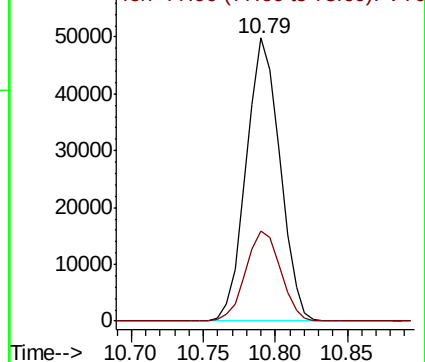
76 100

78 32.9 26.1 39.1



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: 112.477 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002903.D

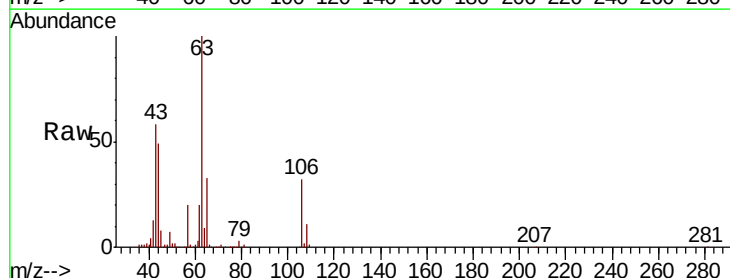
Acq: 16 Jun 2020 12:36

Tgt Ion: 63 Resp: 154265

Ion Ratio Lower Upper

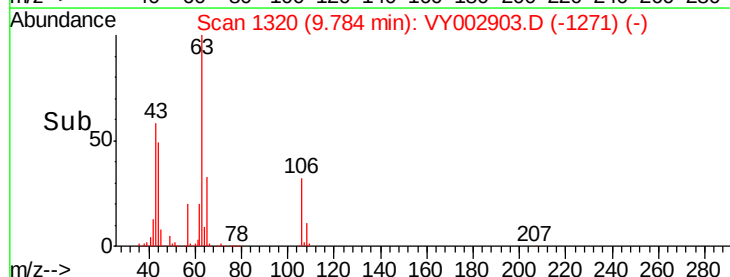
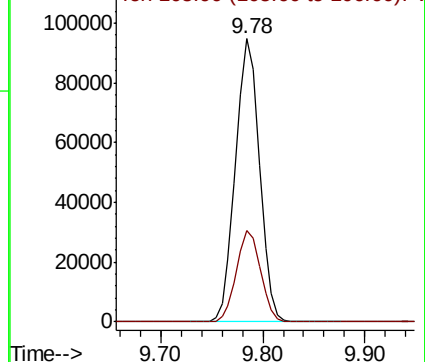
63 100

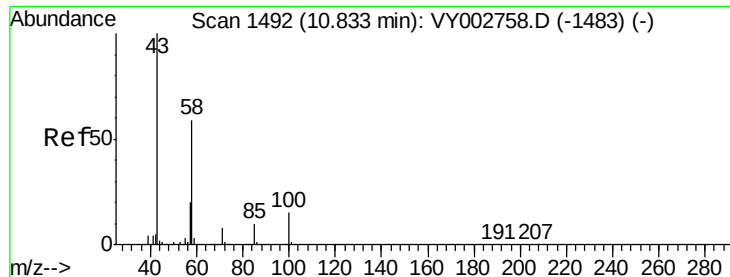
106 32.4 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

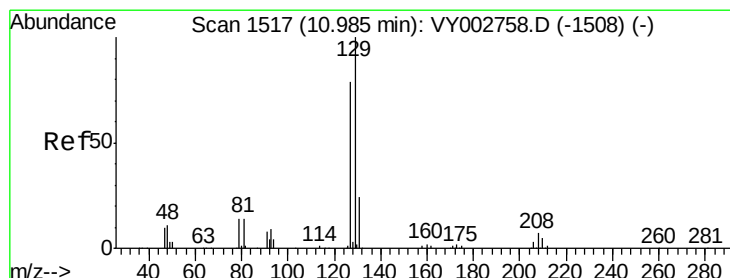
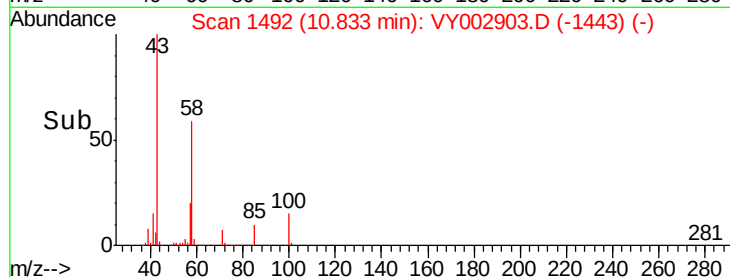
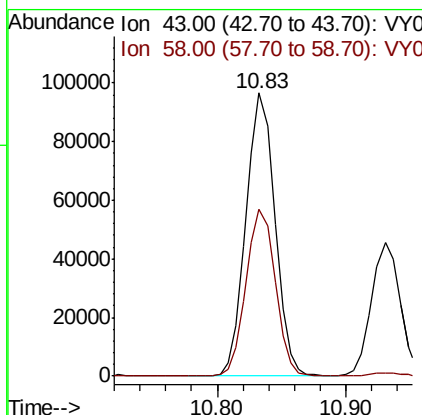
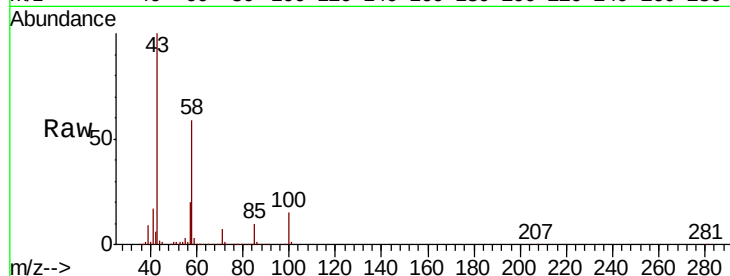




#59
2-Hexanone
Concen: 119.543 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

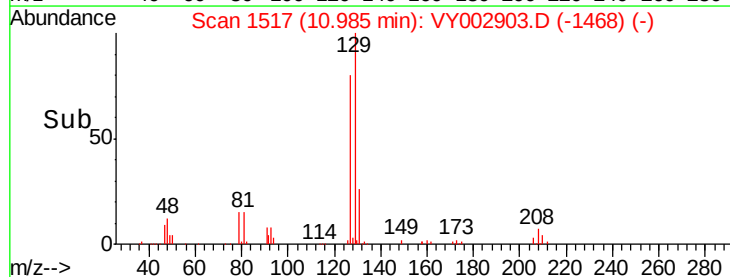
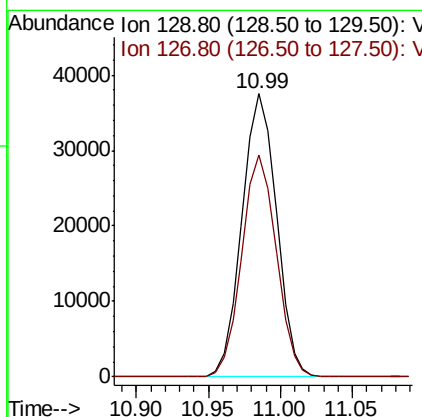
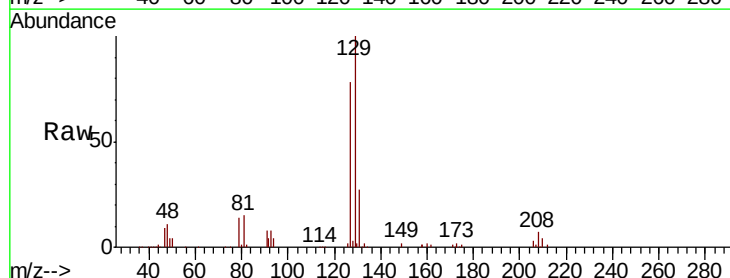
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

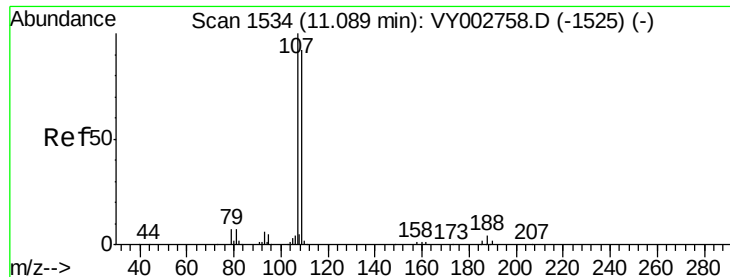
Tot Ion: 43 Resp: 150623
Ion Ratio Lower Upper
43 100
58 59.5 29.5 88.5



#60
Dibromochloromethane
Concen: 23.577 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Tgt Ion: 129 Resp: 62641
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 23.461 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

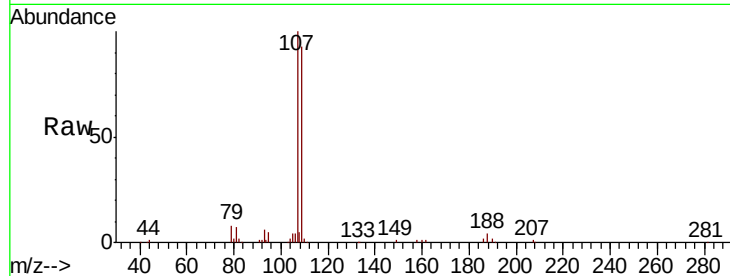
VY0616SBS01

Tot Ion:107 Resp: 48499

Ion Ratio Lower Upper

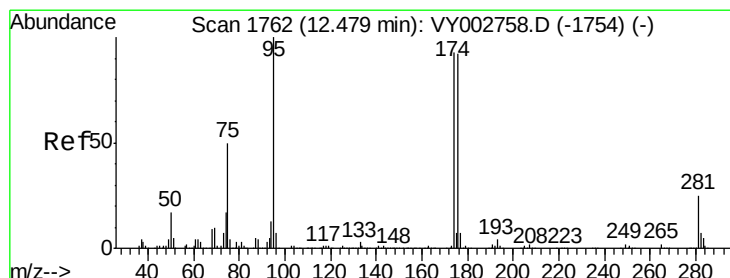
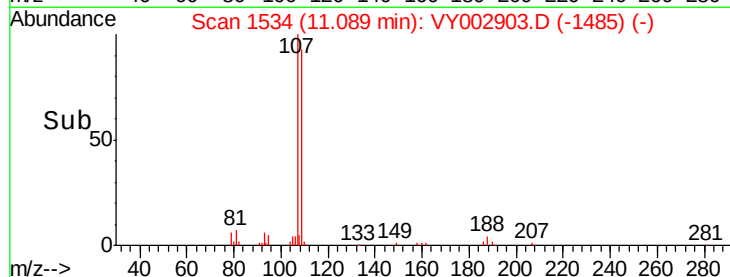
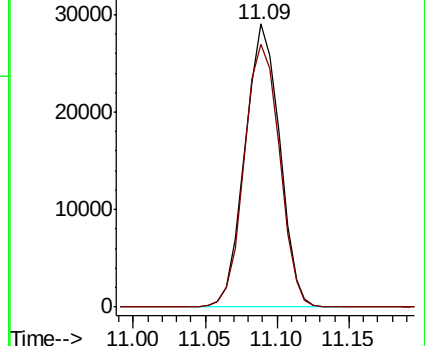
107 100

109 94.5 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: 51.744 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

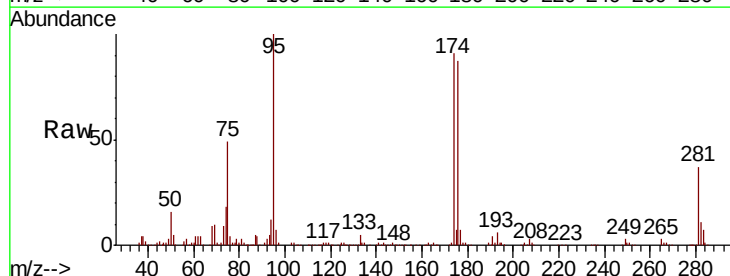
Tgt Ion: 95 Resp: 161799

Ion Ratio Lower Upper

95 100

174 94.8 0.0 191.2

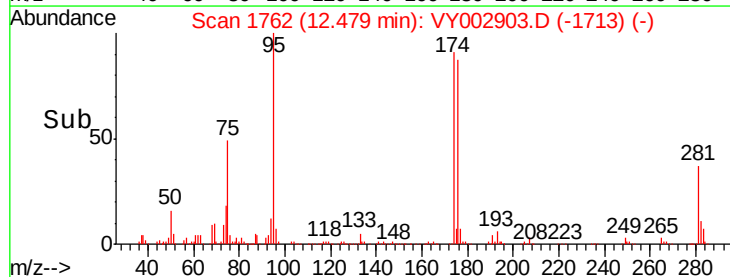
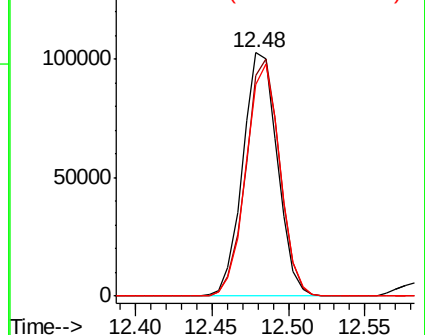
176 93.4 0.0 188.8

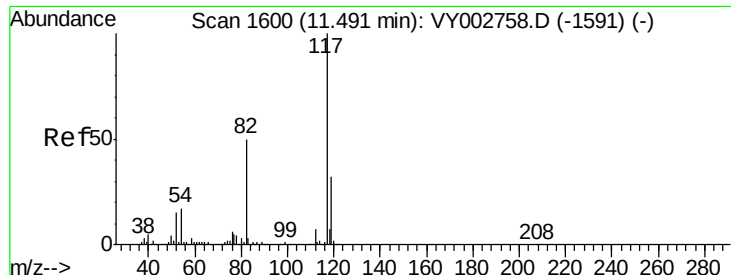


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

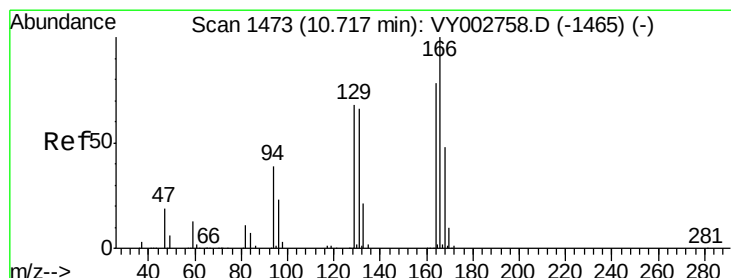
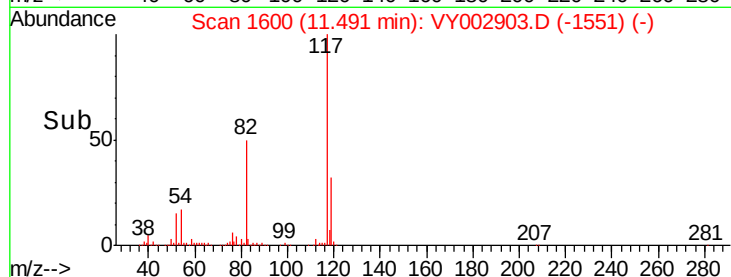
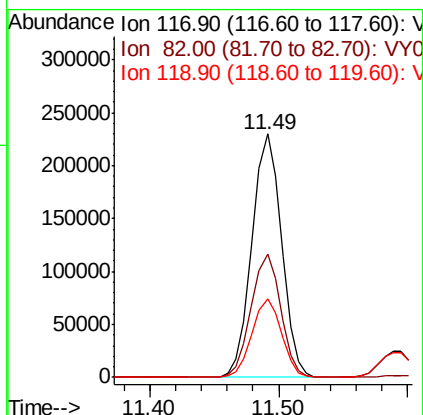
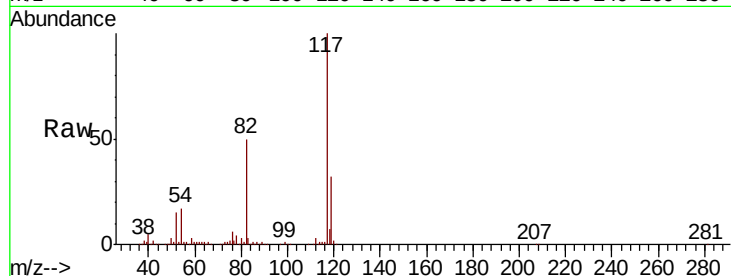




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

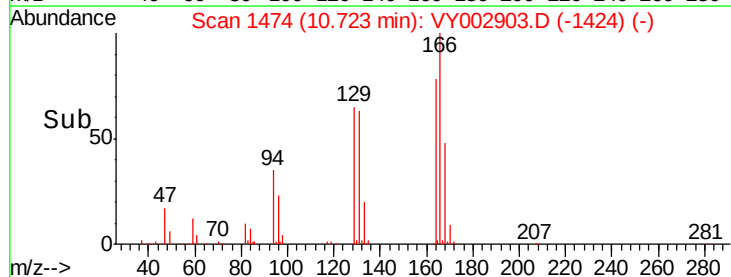
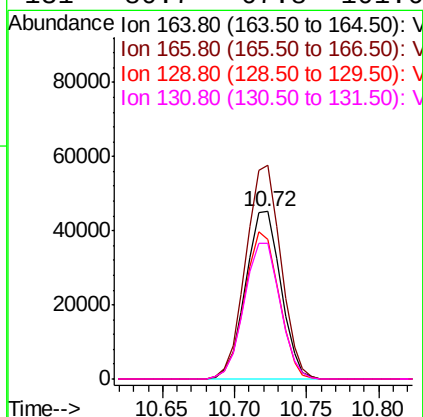
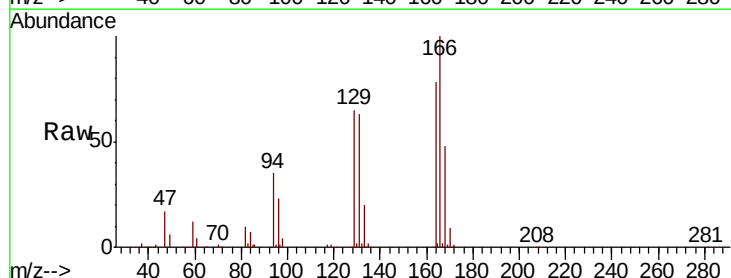
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

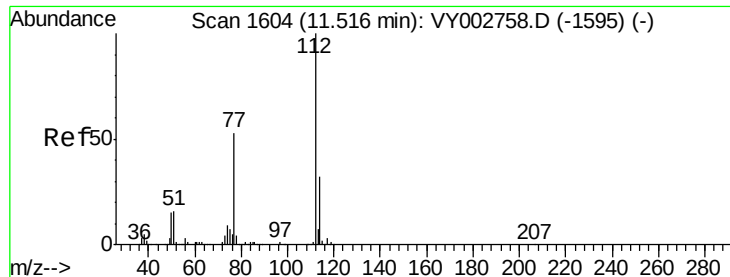
Tot Ion:117 Resp: 363563
Ion Ratio Lower Upper
117 100
82 50.5 40.2 60.4
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 23.210 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Tgt Ion:164 Resp: 76692
Ion Ratio Lower Upper
164 100
166 127.5 102.3 153.5
129 83.0 69.4 104.2
131 80.7 67.8 101.6

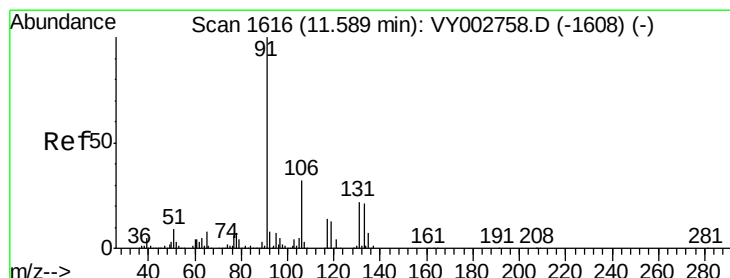
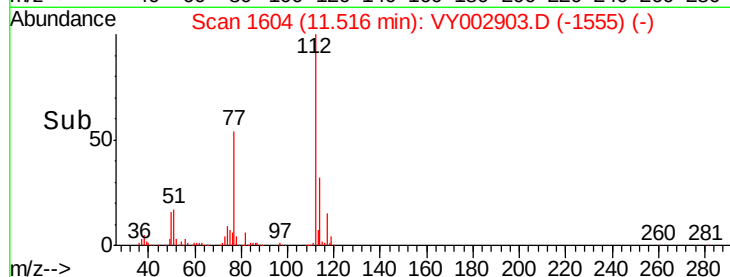
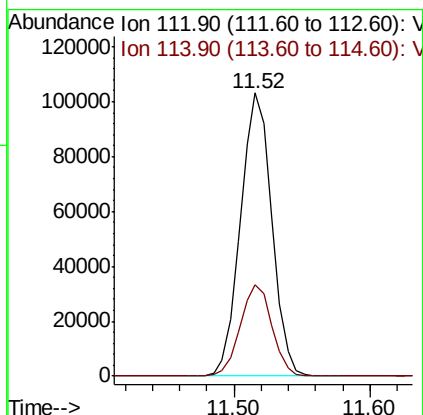
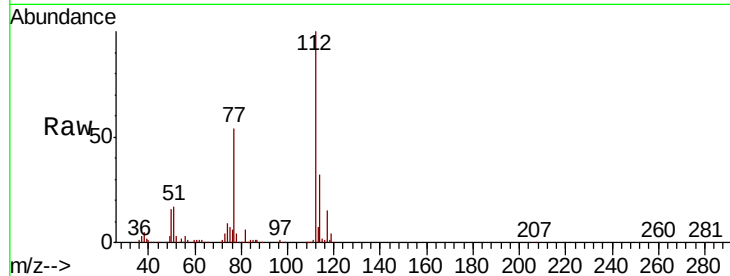




#65
Chlorobenzene
Concen: 23.058 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

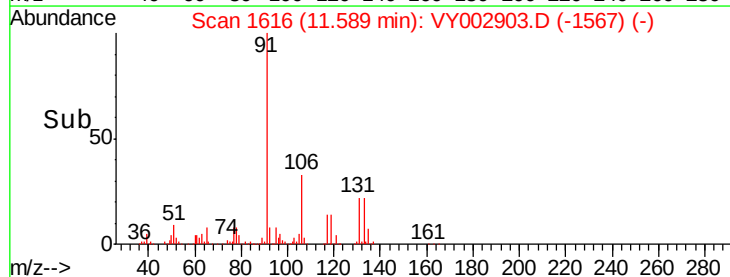
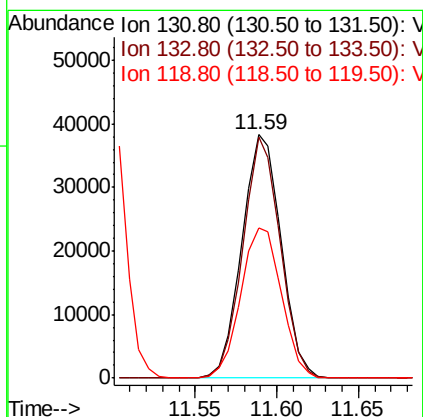
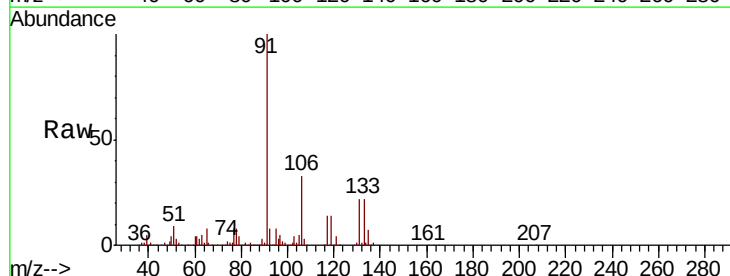
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

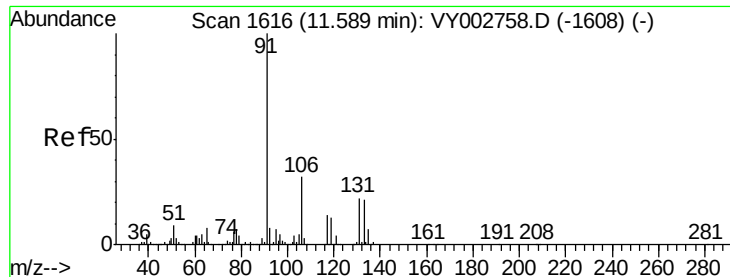
Tot Ion:112 Resp: 165690
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 23.574 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Tgt Ion:131 Resp: 63798
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 64.0 31.7 95.1





#67

Ethyl Benzene

Concen: 23.267 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

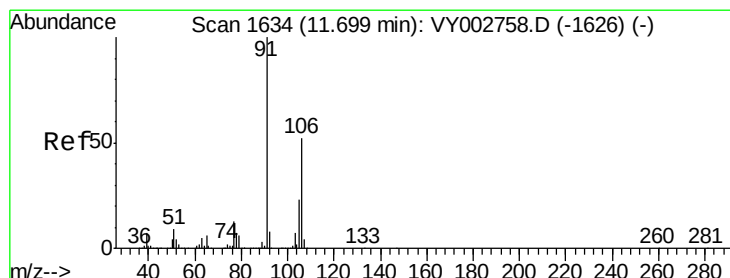
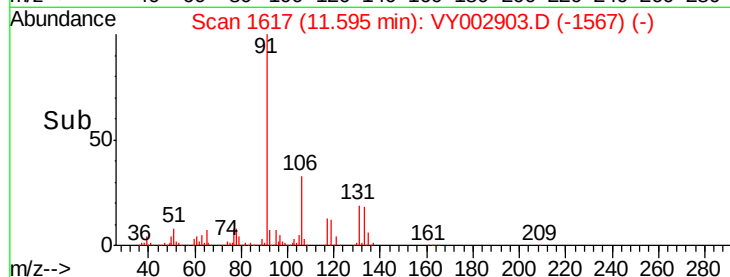
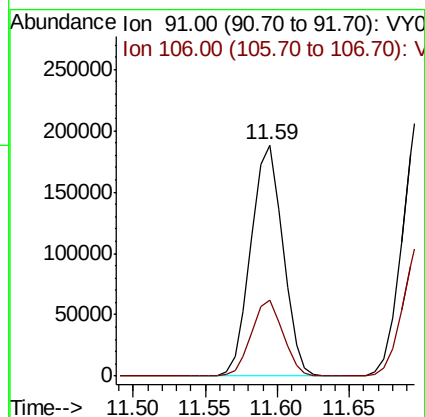
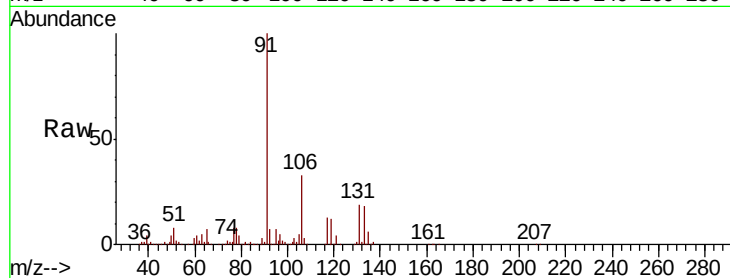
VY0616SBS01

Tot Ion: 91 Resp: 289854

Ion Ratio Lower Upper

91 100

106 32.9 25.7 38.5



#68

m/p-Xylenes

Concen: 46.235 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002903.D

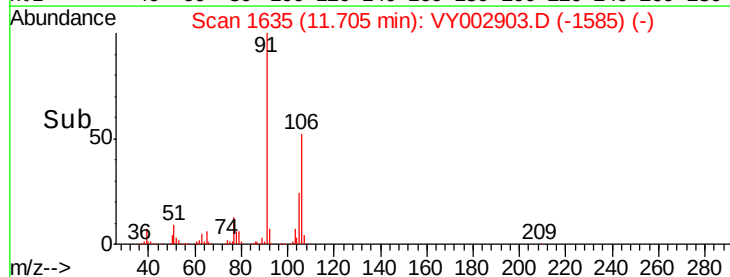
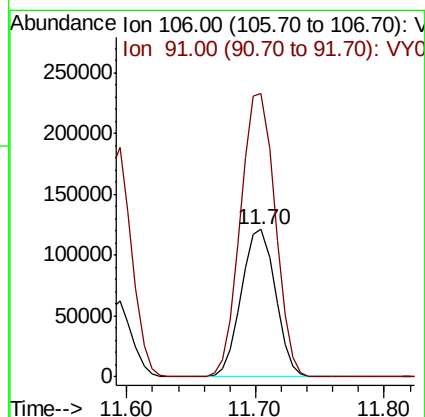
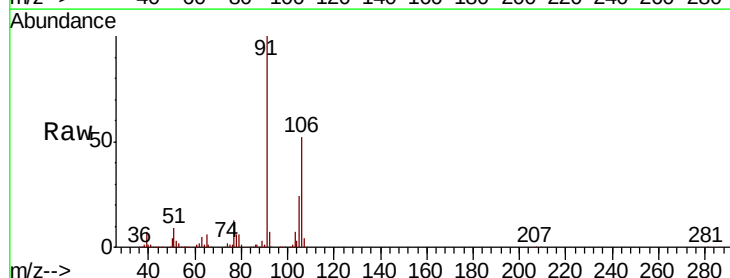
Acq: 16 Jun 2020 12:36

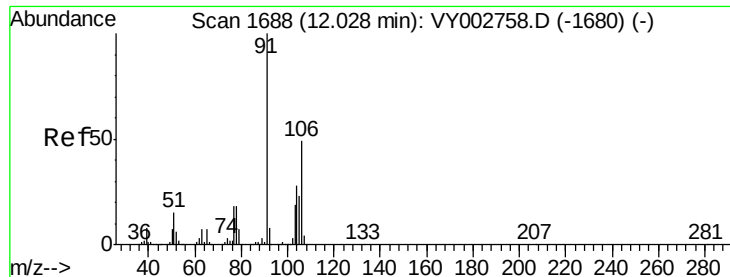
Tgt Ion: 106 Resp: 223313

Ion Ratio Lower Upper

106 100

91 195.3 156.0 234.0

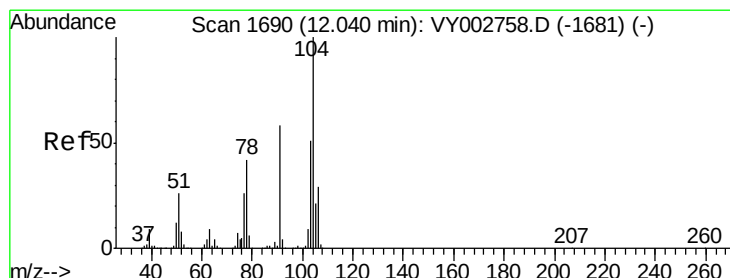
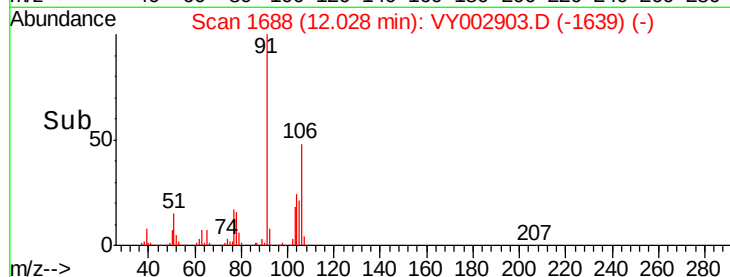
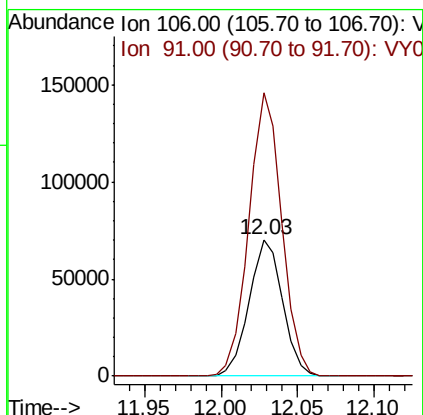
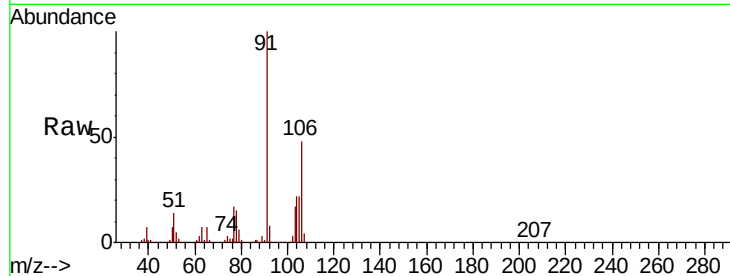




#69
o-Xylene
Concen: 23.405 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

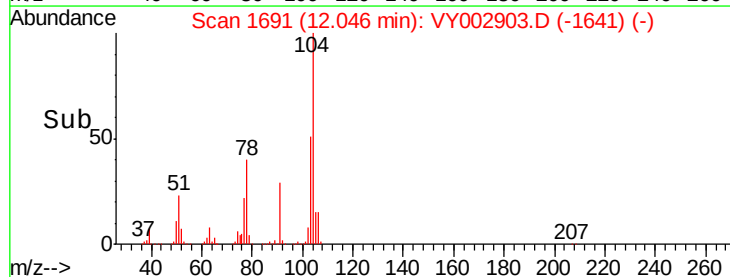
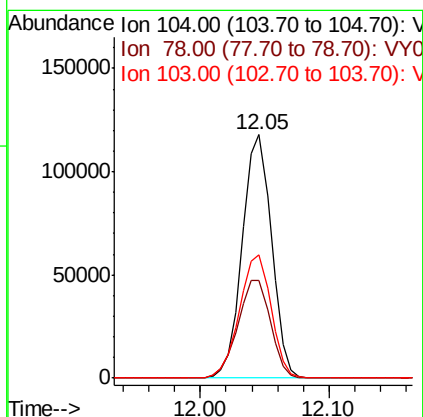
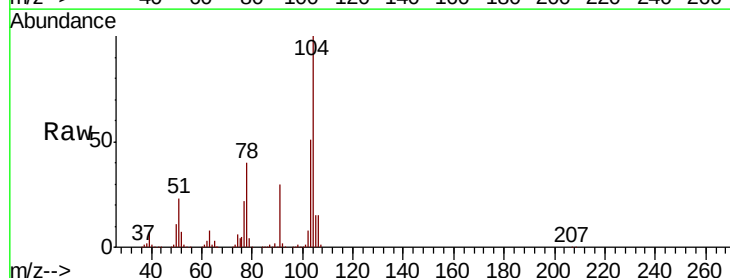
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

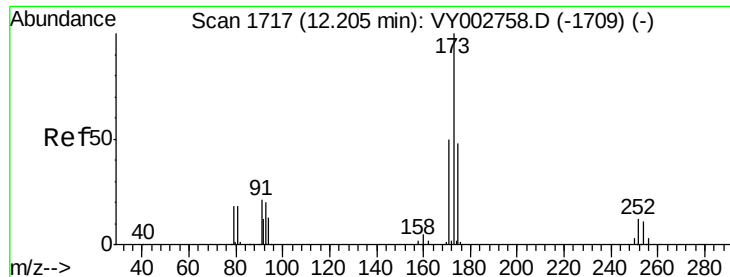
Tot Ion:106 Resp: 106718
Ion Ratio Lower Upper
106 100
91 204.4 102.4 307.1



#70
Styrene
Concen: 23.400 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Tgt Ion:104 Resp: 184966
Ion Ratio Lower Upper
104 100
78 45.0 36.2 54.4
103 54.9 43.6 65.4





#71

Bromoform

Concen: 23.975 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

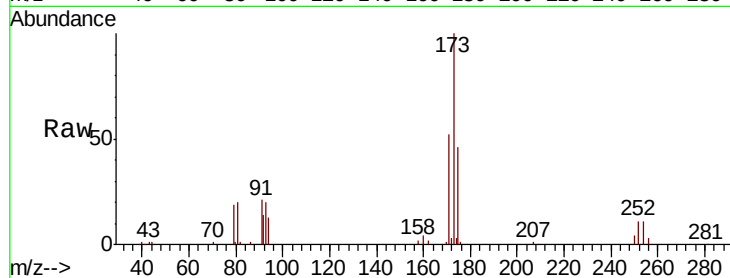
Tot Ion:173 Resp: 43416

Ion Ratio Lower Upper

173 100

175 46.9 24.3 72.8

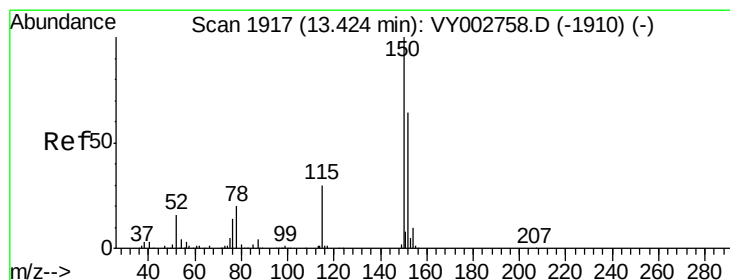
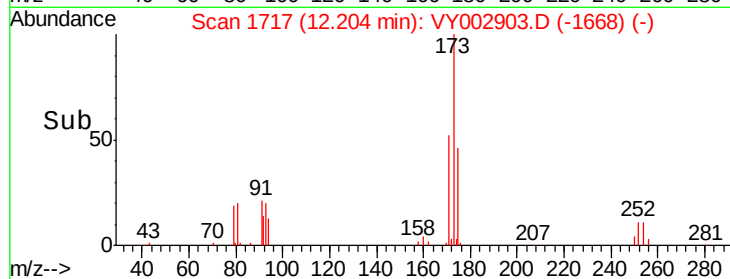
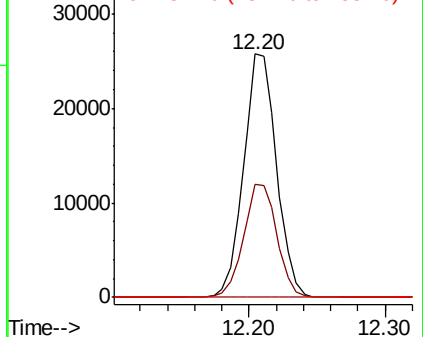
254 0.1 0.1 0.1



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: VY002903.D

Acq: 16 Jun 2020 12:36

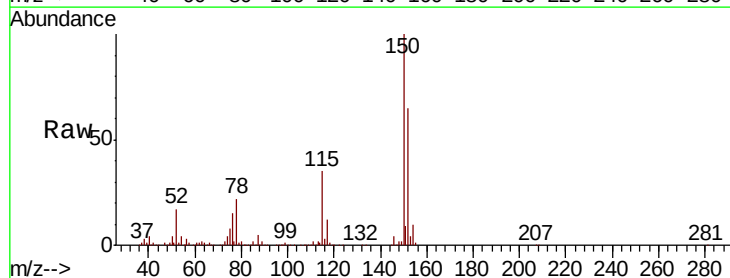
Tgt Ion:152 Resp: 203134

Ion Ratio Lower Upper

152 100

115 53.2 27.0 81.0

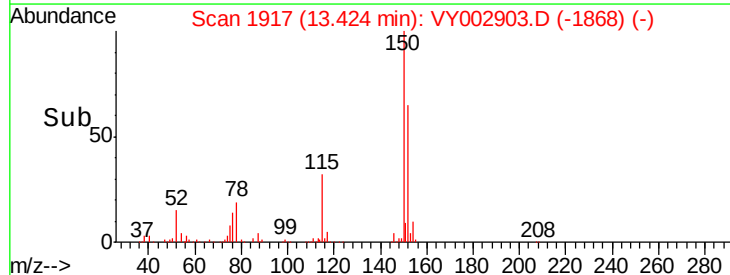
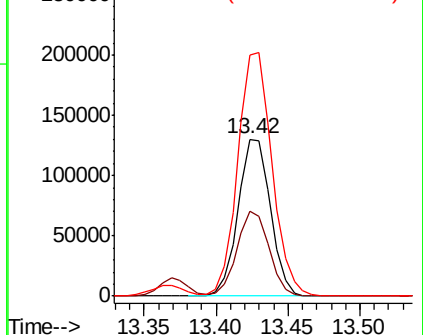
150 164.2 0.0 344.8

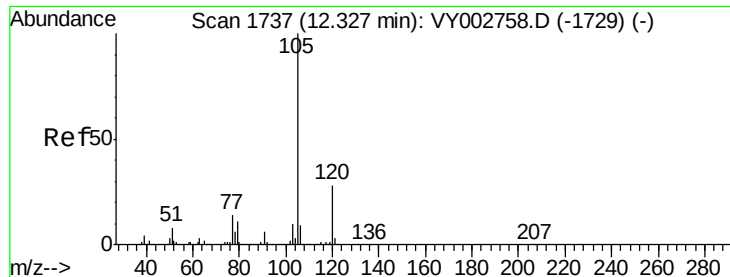


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.589 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

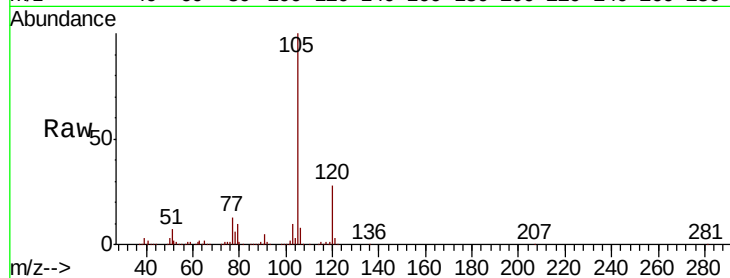
VY0616SBS01

Tot Ion:105 Resp: 294053

Ion Ratio Lower Upper

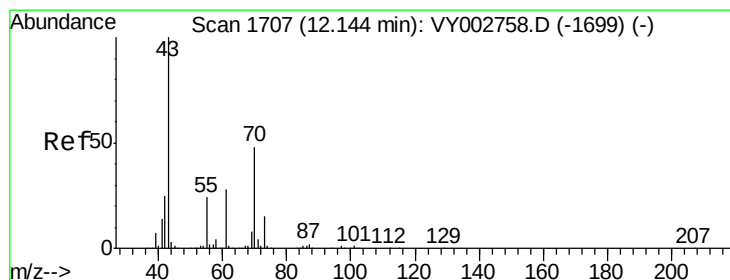
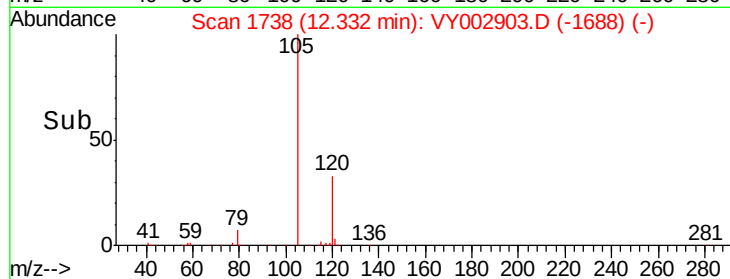
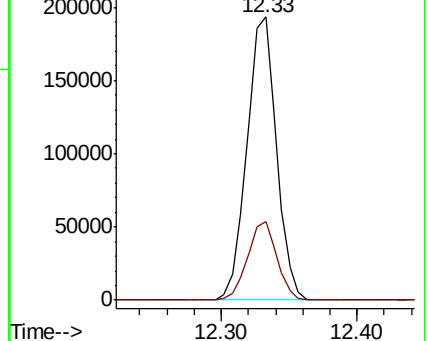
105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.211 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Tgt Ion: 43 Resp: 74186

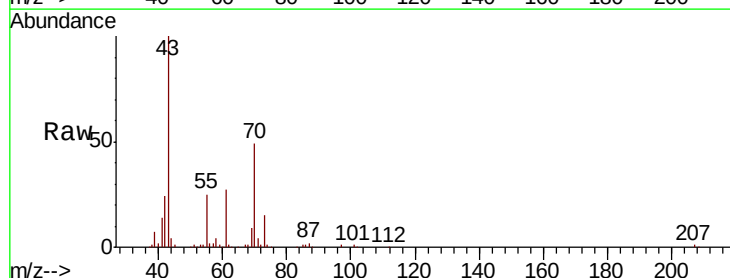
Ion Ratio Lower Upper

43 100

70 48.3 37.7 56.5

55 25.7 19.8 29.6

61 26.9 21.7 32.5

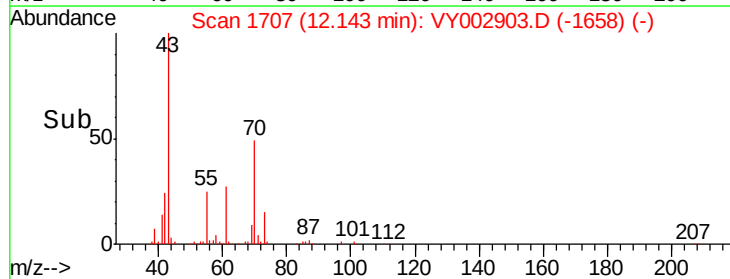
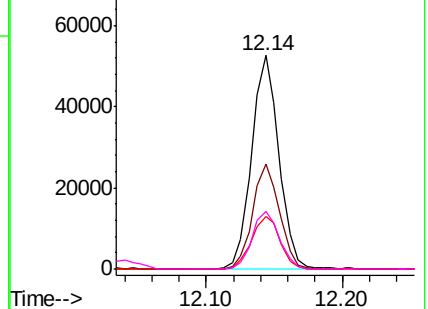


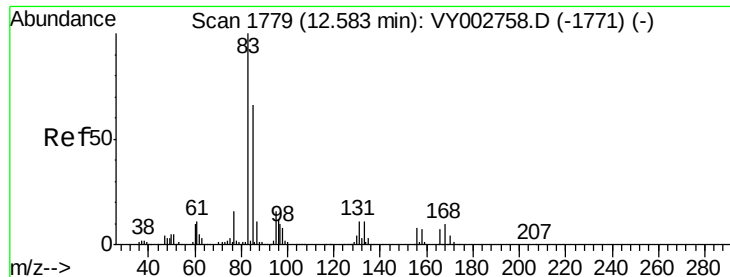
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 23.875 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

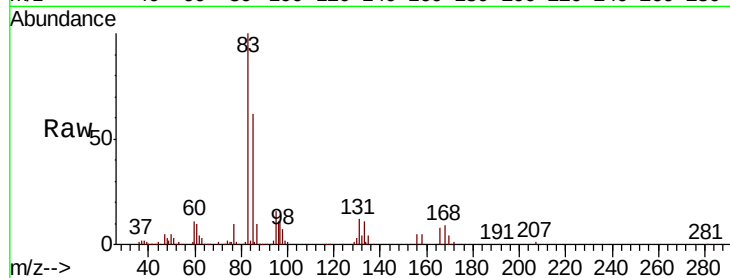
Tot Ion: 83 Resp: 54530

Ion Ratio Lower Upper

83 100

131 12.2 5.8 17.4

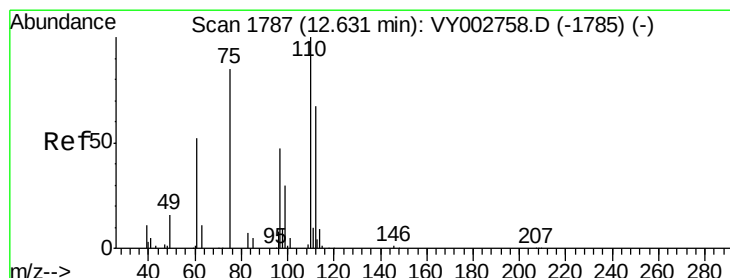
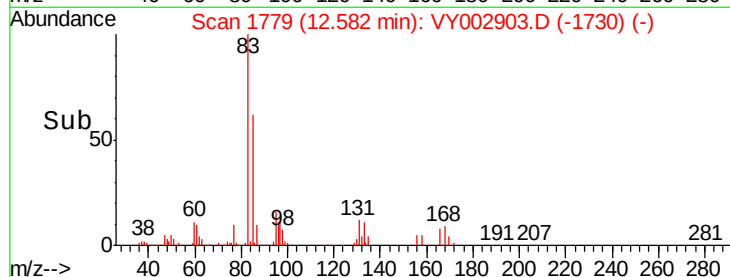
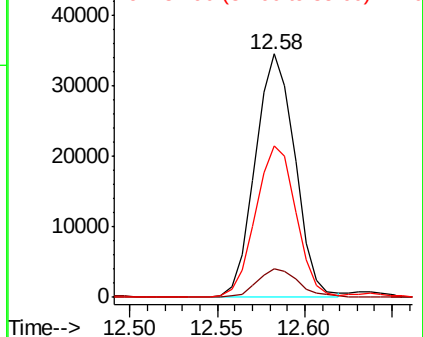
85 63.3 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002903.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002903.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002903.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 43.465 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY002903.D

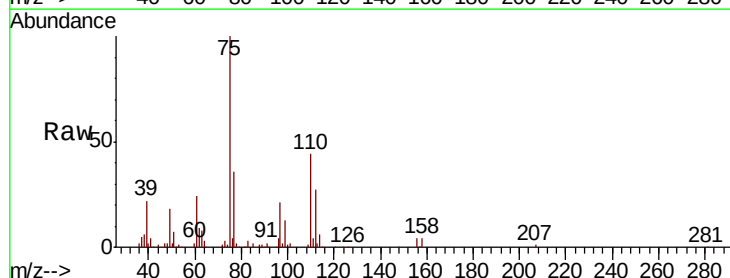
Acq: 16 Jun 2020 12:36

Tgt Ion: 75 Resp: 79557

Ion Ratio Lower Upper

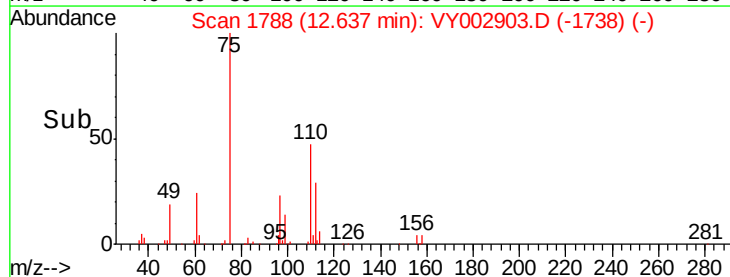
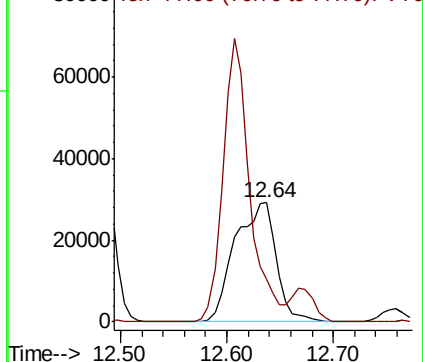
75 100

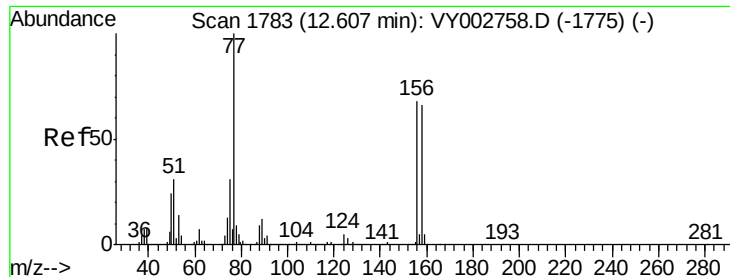
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002903.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002903.D (-1738) (-)





#77

Bromobenzene

Concen: 22.791 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

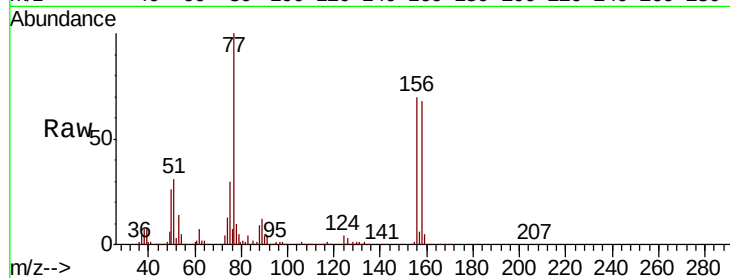
Tot Ion:156 Resp: 77254

Ion Ratio Lower Upper

156 100

77 158.8 81.4 244.2

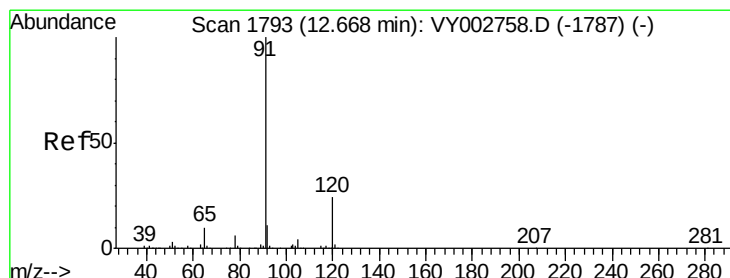
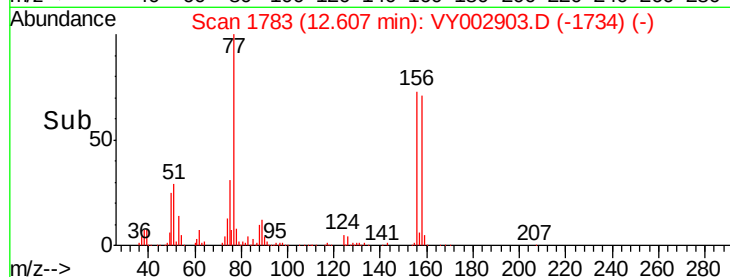
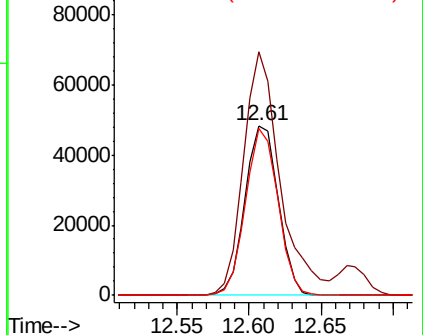
158 95.4 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.804 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002903.D

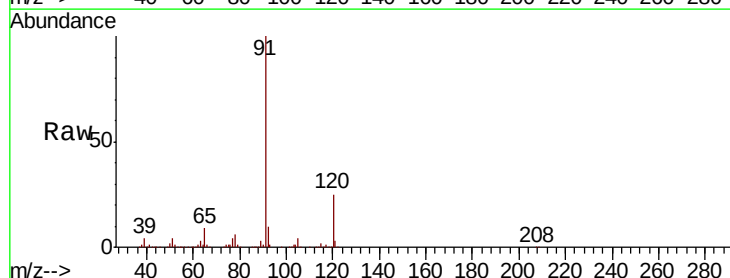
Acq: 16 Jun 2020 12:36

Tgt Ion: 91 Resp: 342908

Ion Ratio Lower Upper

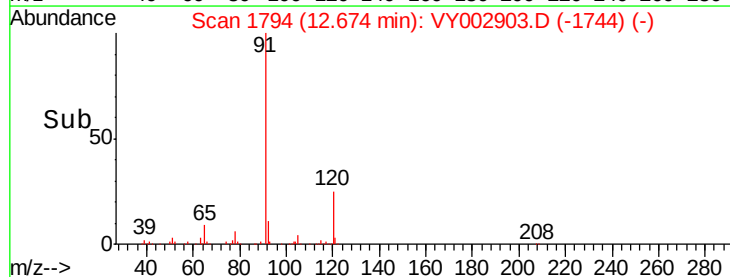
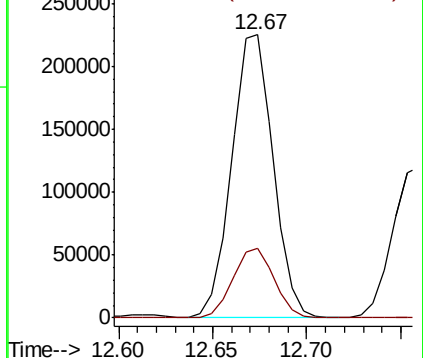
91 100

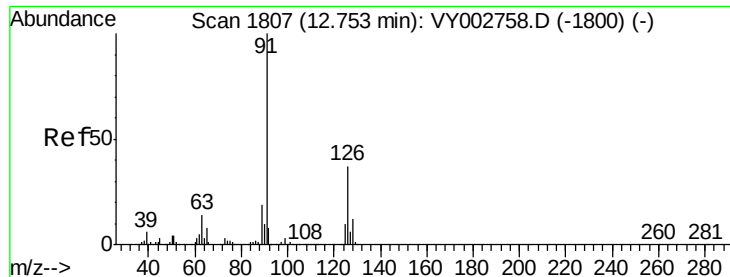
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.291 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

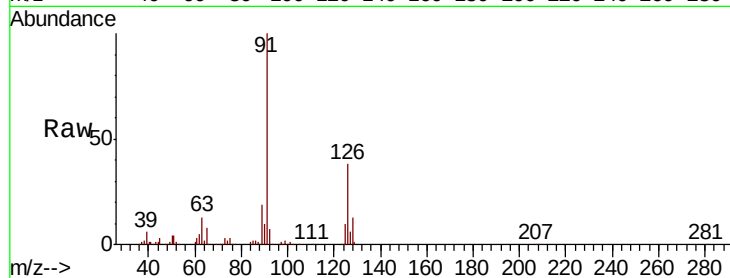
VY0616SBS01

Tot Ion: 91 Resp: 188027

Ion Ratio Lower Upper

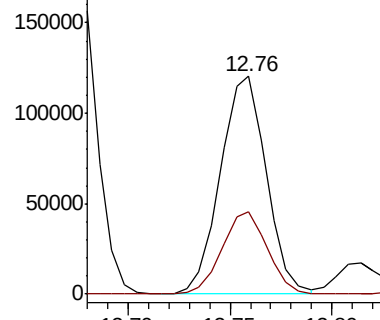
91 100

126 37.3 18.4 55.4

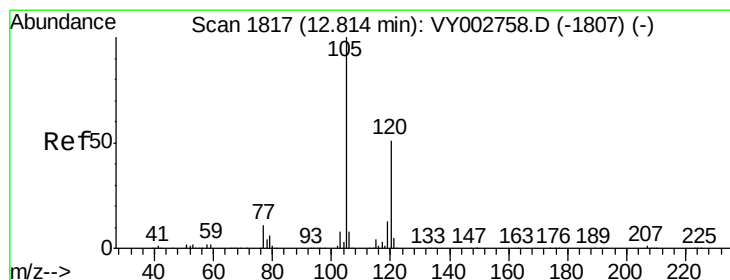
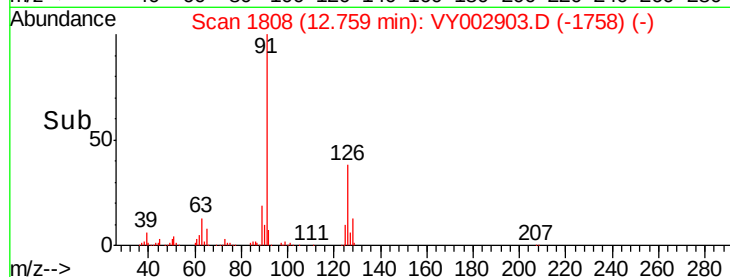


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.806 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY002903.D

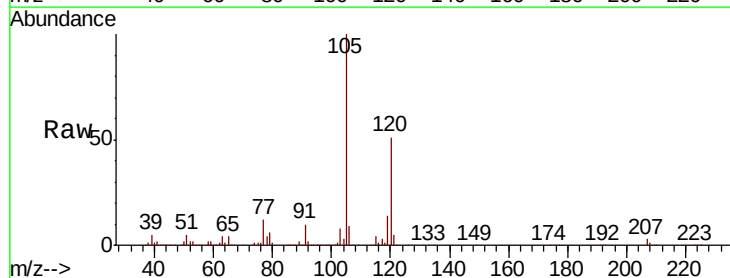
Acq: 16 Jun 2020 12:36

Tgt Ion:105 Resp: 247887

Ion Ratio Lower Upper

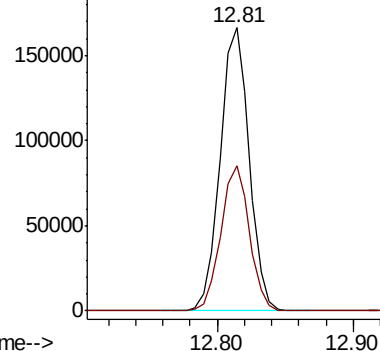
105 100

120 50.5 25.3 75.8

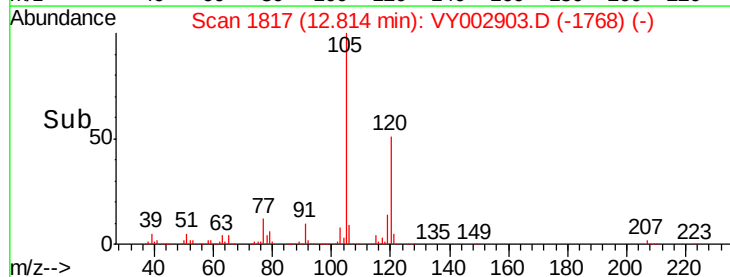


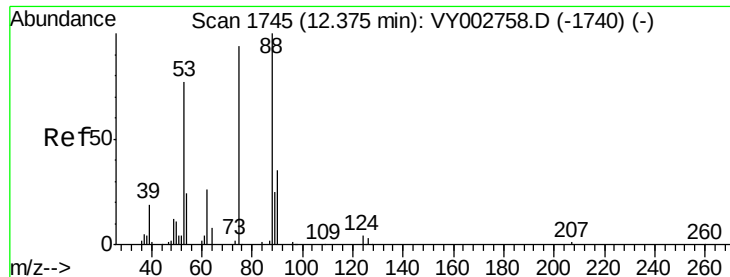
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 23.051 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

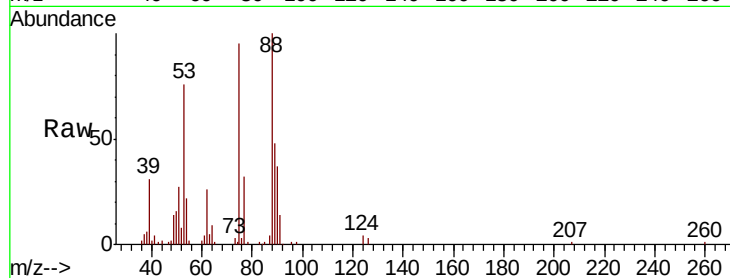
Tot Ion: 75 Resp: 22395

Ion Ratio Lower Upper

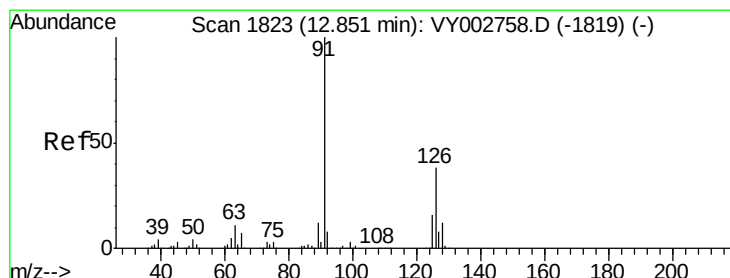
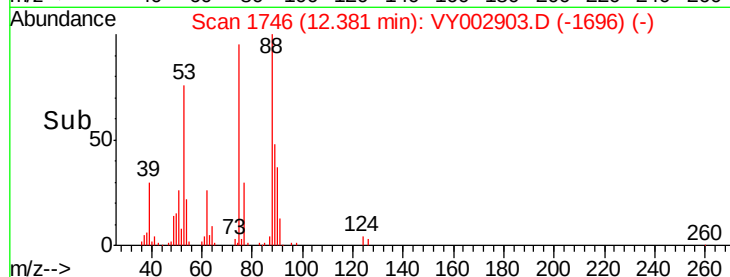
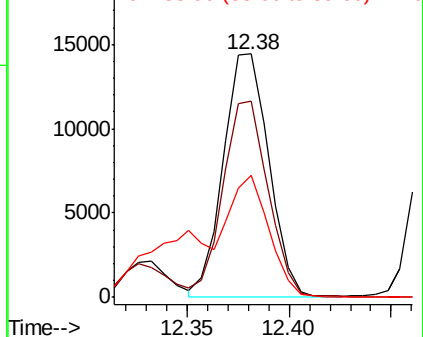
75 100

53 80.0 64.0 96.0

89 44.6 37.4 56.2



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: 22.740 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002903.D

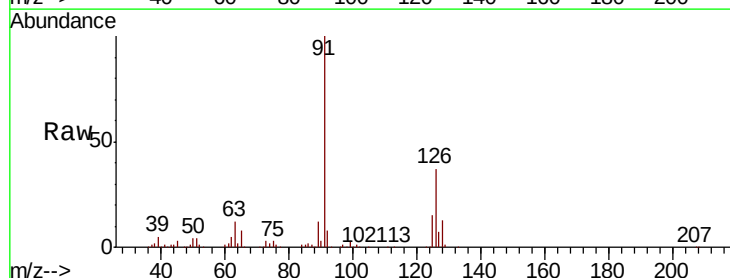
Acq: 16 Jun 2020 12:36

Tgt Ion: 91 Resp: 200962

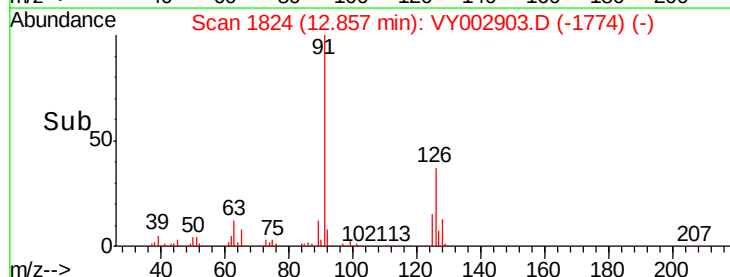
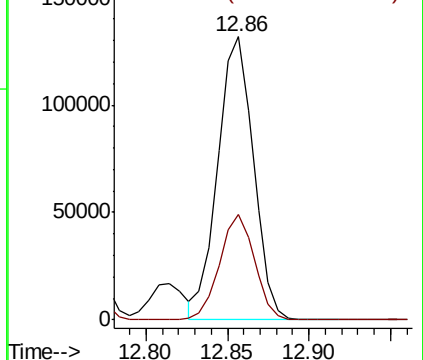
Ion Ratio Lower Upper

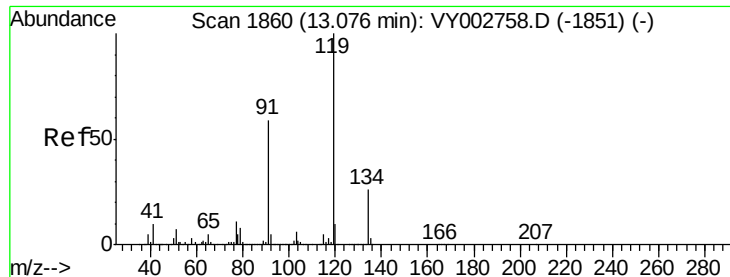
91 100

126 36.5 18.5 55.5



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





#83

tert-Butylbenzene

Concen: 22.765 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

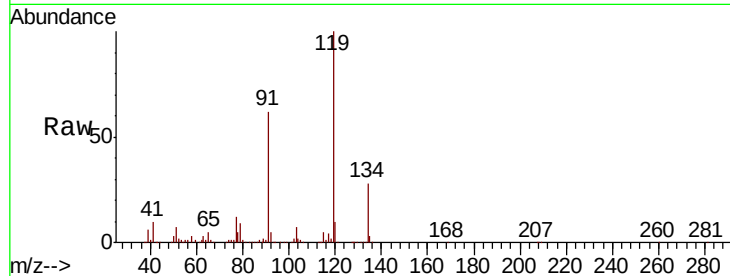
Tot Ion:119 Resp: 220711

Ion Ratio Lower Upper

119 100

91 59.4 29.8 89.4

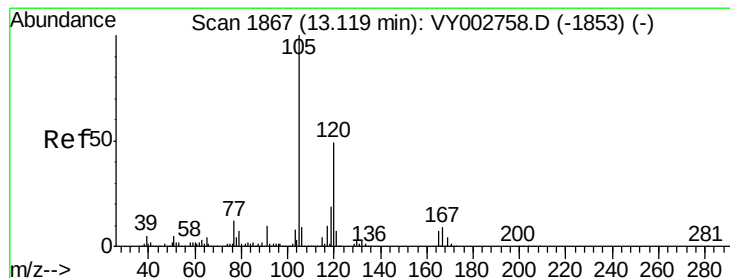
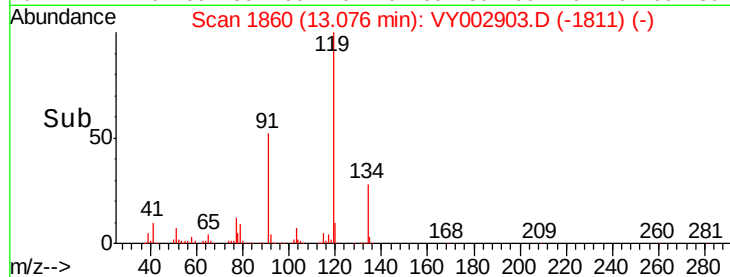
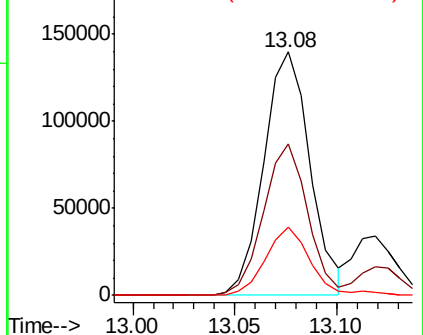
134 27.5 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.845 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY002903.D

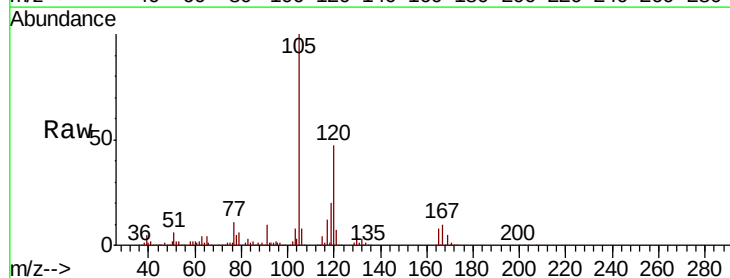
Acq: 16 Jun 2020 12:36

Tgt Ion:105 Resp: 249672

Ion Ratio Lower Upper

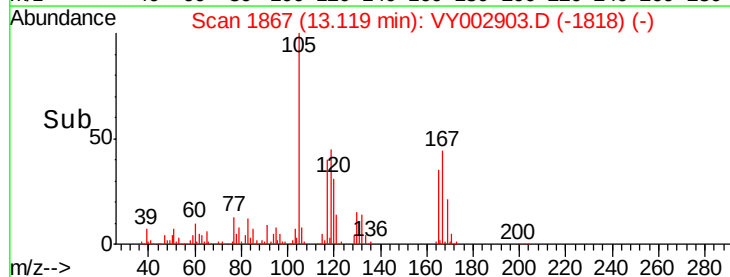
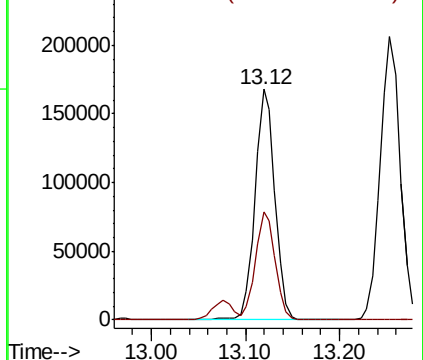
105 100

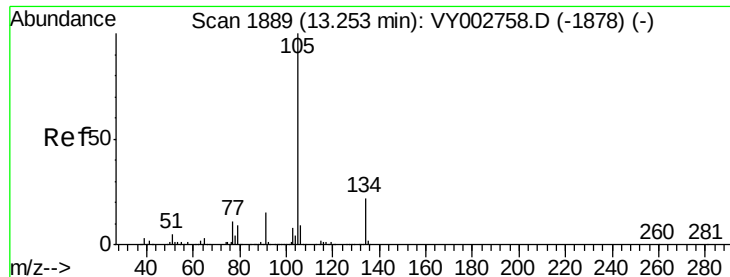
120 46.6 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.911 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

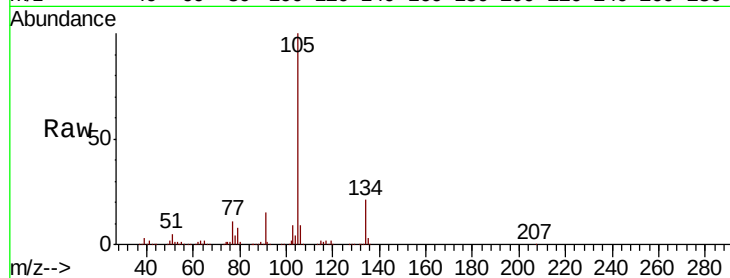
VY0616SBS01

Tot Ion:105 Resp: 303727

Ion Ratio Lower Upper

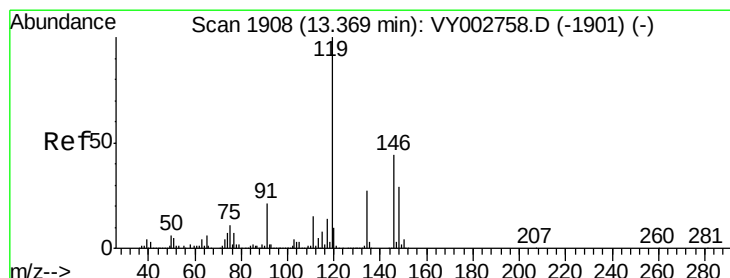
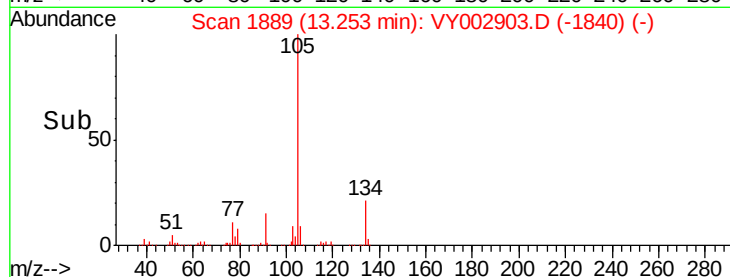
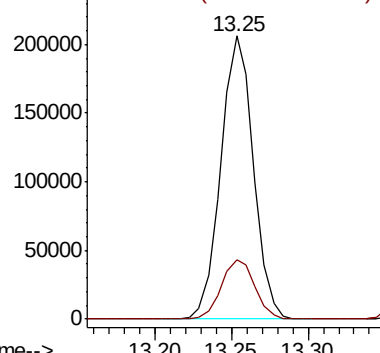
105 100

134 21.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.165 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

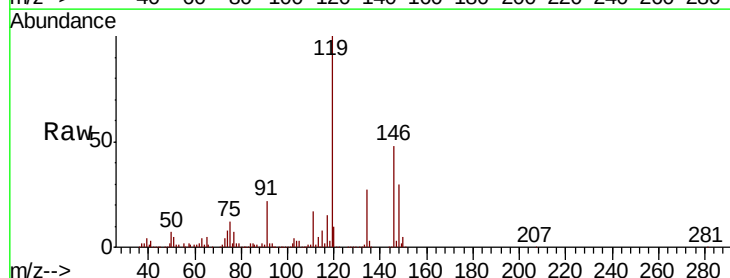
Tgt Ion:119 Resp: 285741

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

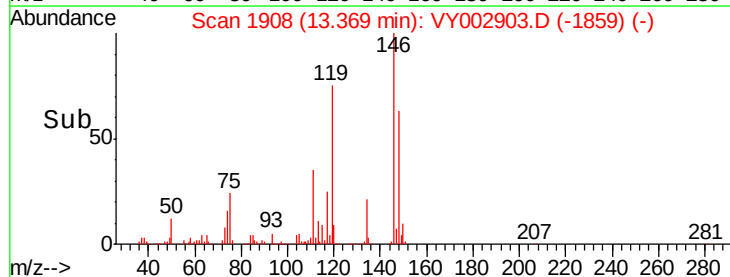
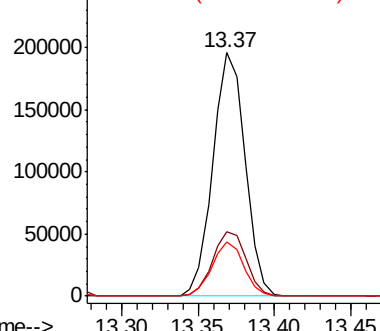
91 22.0 10.8 32.4

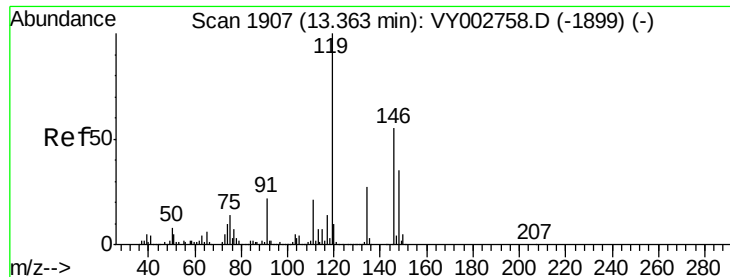


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

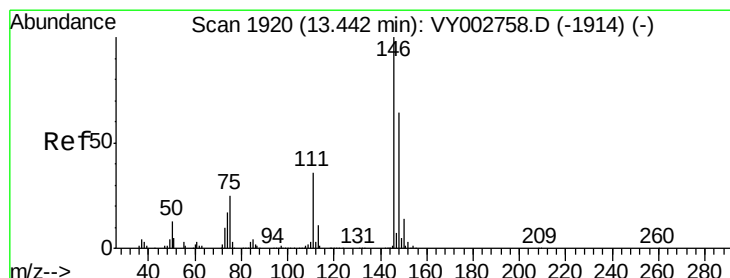
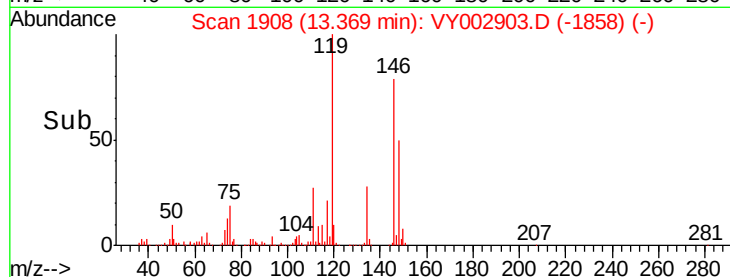
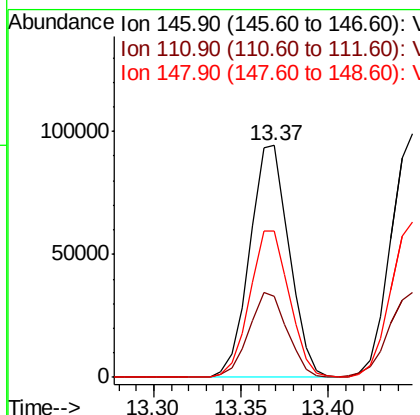
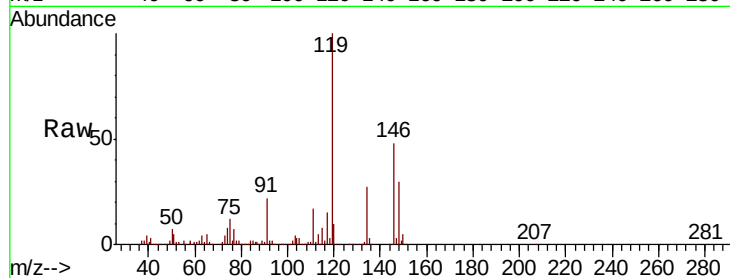




#87
 1,3-Dichlorobenzene
 Concen: 23.019 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

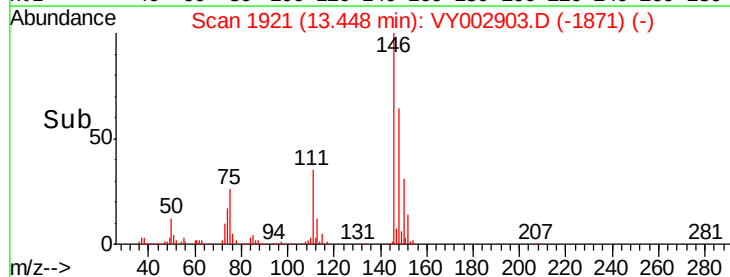
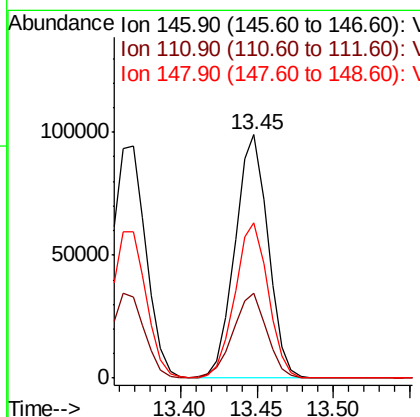
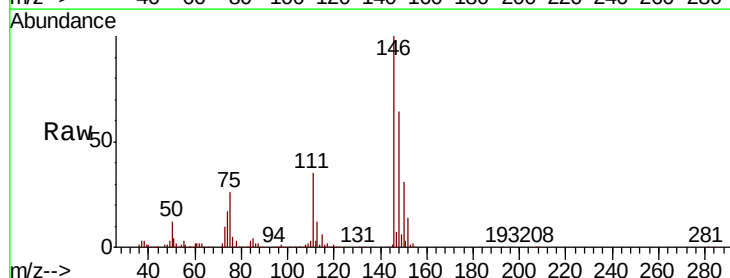
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

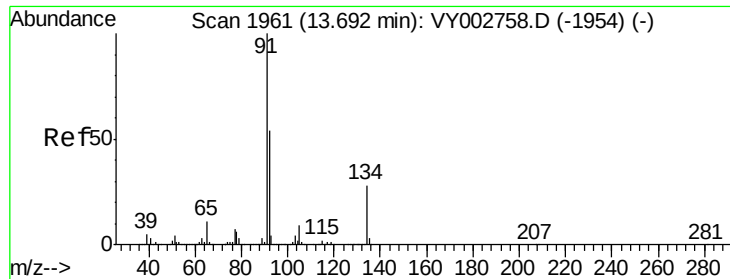
Tot Ion:146 Resp: 147799
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.4 55.0
 148 63.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 23.067 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

Tgt Ion:146 Resp: 148155
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.1 54.3
 148 64.2 32.1 96.3

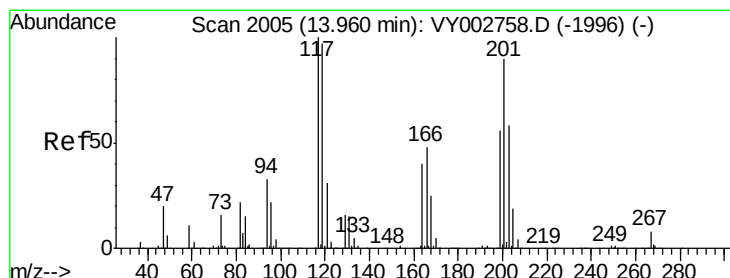
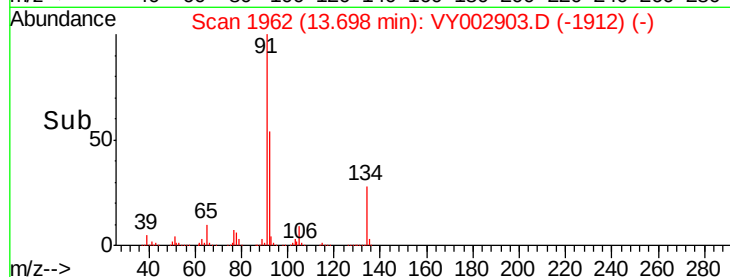
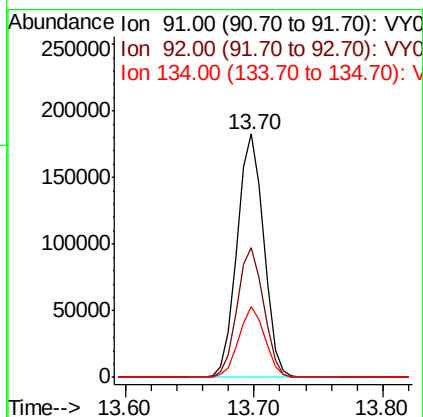
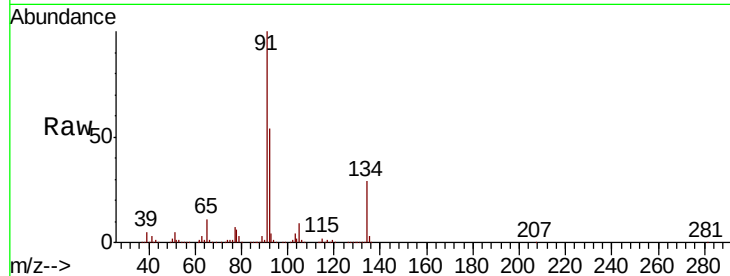




#89
n-Butylbenzene
Concen: 23.336 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

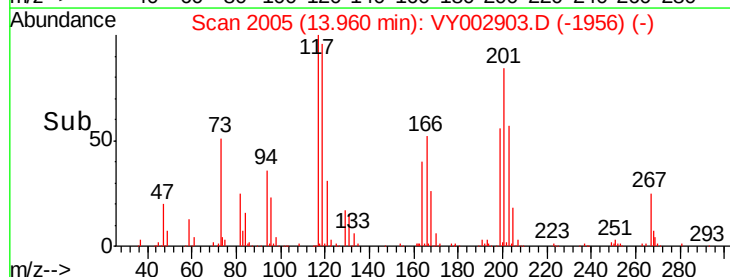
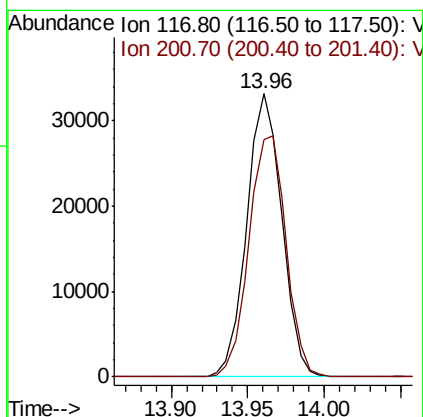
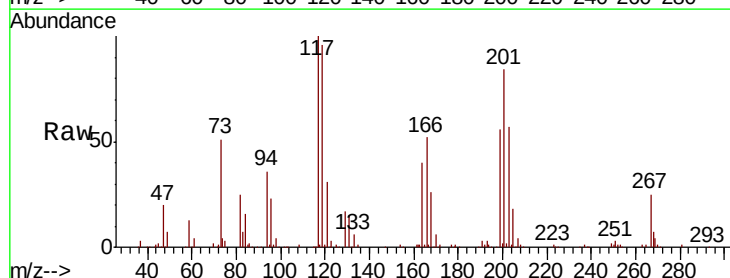
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

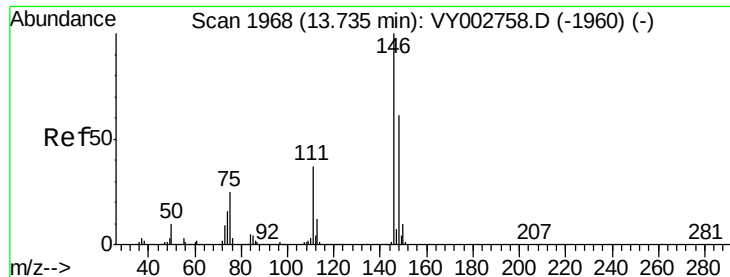
Tot Ion: 91 Resp: 261345
Ion Ratio Lower Upper
91 100
92 53.3 27.1 81.2
134 28.6 14.3 42.9



#90
Hexachloroethane
Concen: 22.886 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002903.D
Acq: 16 Jun 2020 12:36

Tgt Ion: 117 Resp: 52850
Ion Ratio Lower Upper
117 100
201 90.4 43.9 131.6

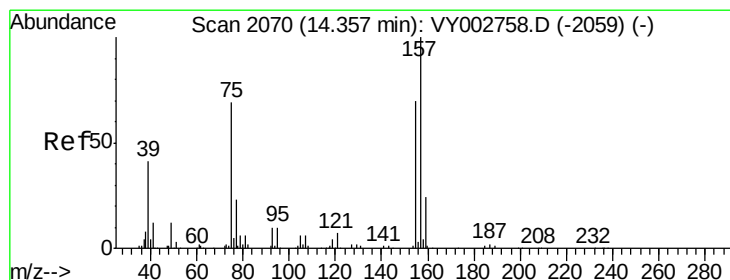
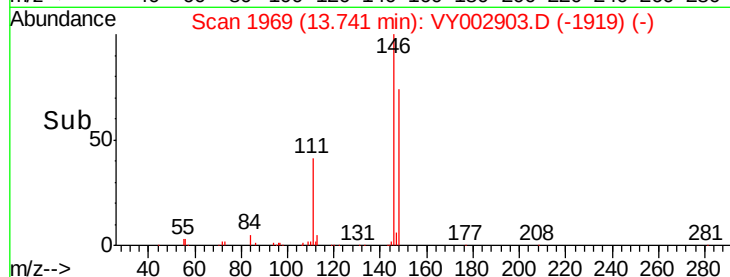
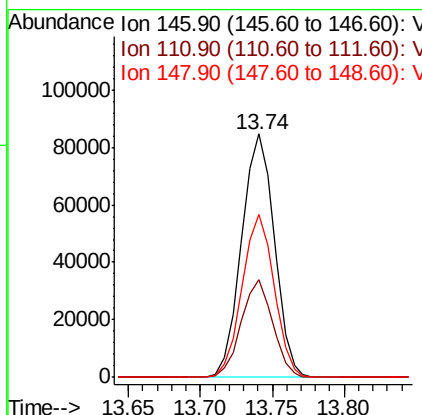
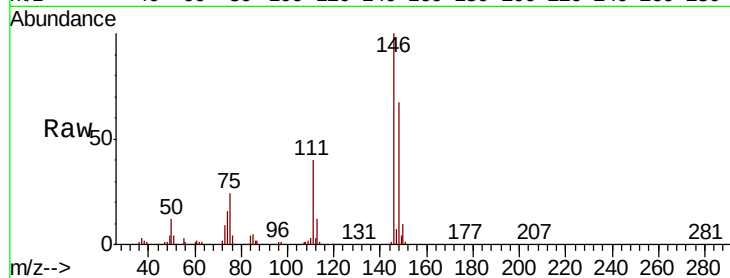




#91
 1,2-Dichlorobenzene
 Concen: 22.922 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

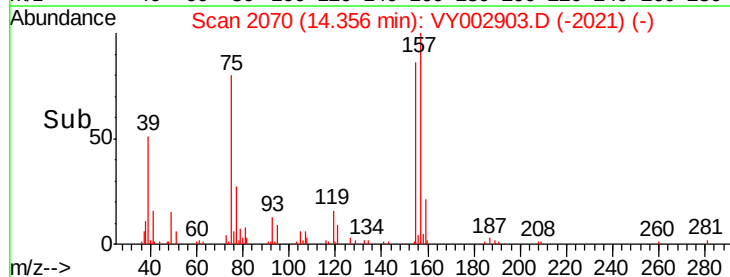
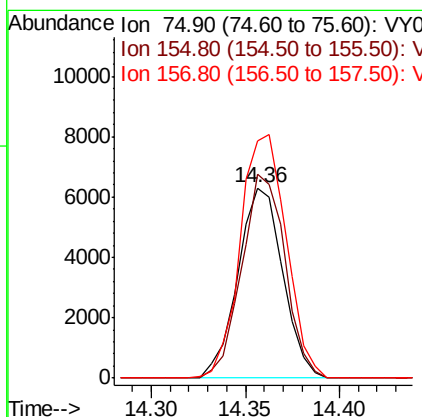
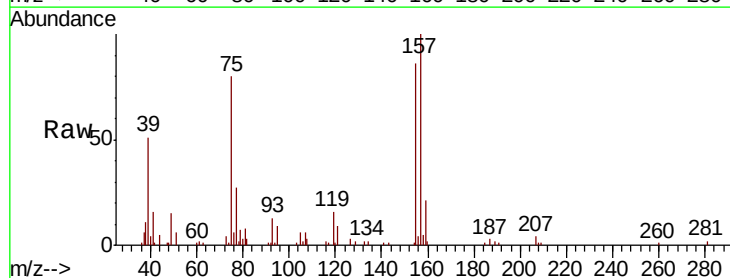
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

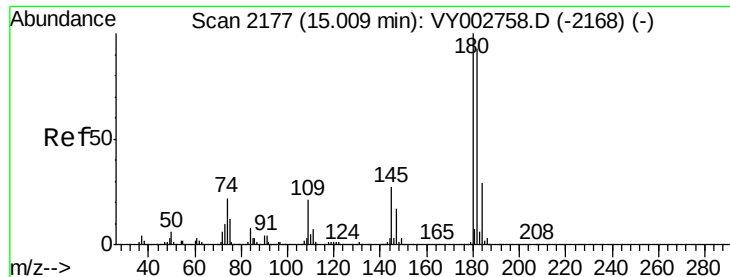
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	65.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.683 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.4	53.5	160.5
157	131.2	69.9	209.7

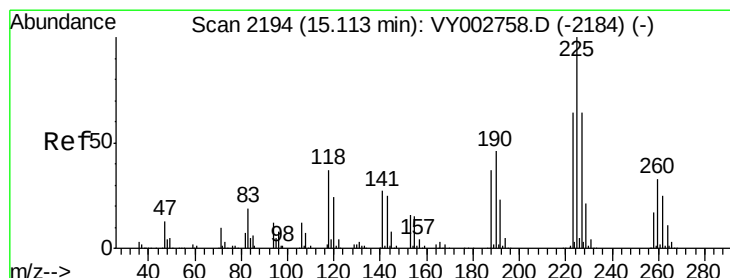
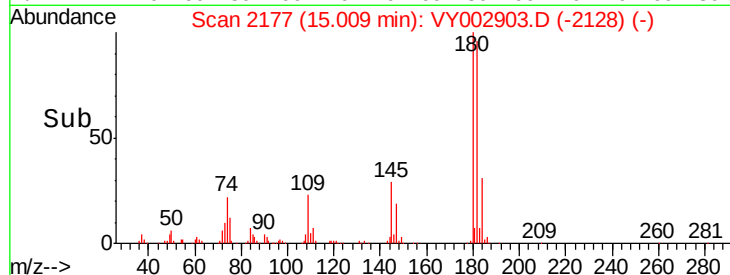
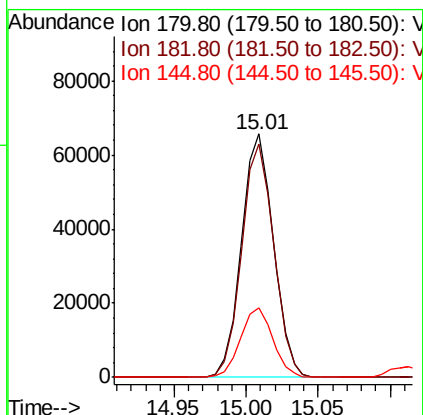
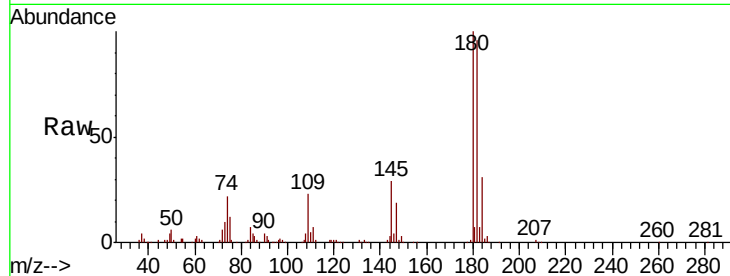




#93
 1,2,4-Trichlorobenzene
 Concen: 23.051 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

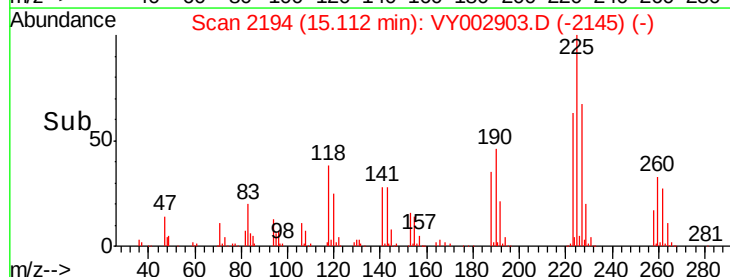
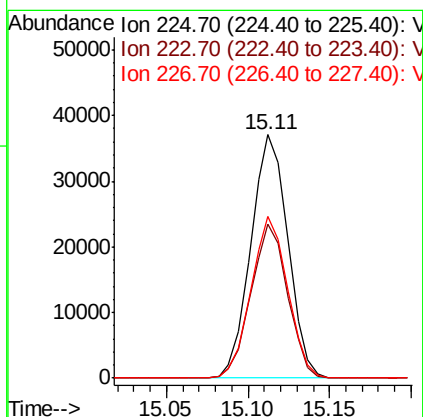
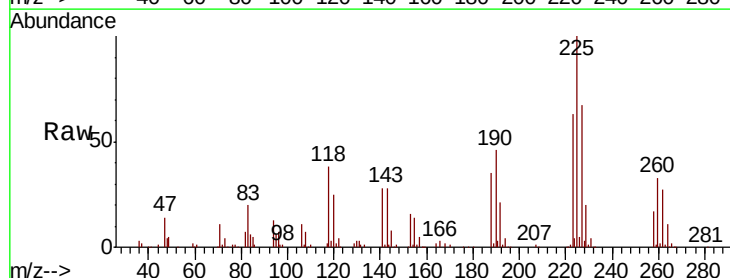
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

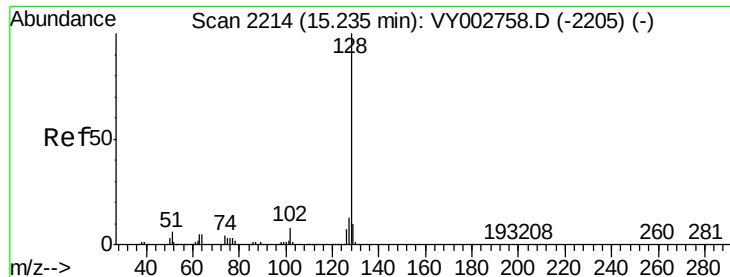
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.9
145	28.8	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 23.562 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002903.D
 Acq: 16 Jun 2020 12:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.6	95.0
227	65.5	32.3	96.9





#95

Naphthalene

Concen: 22.767 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

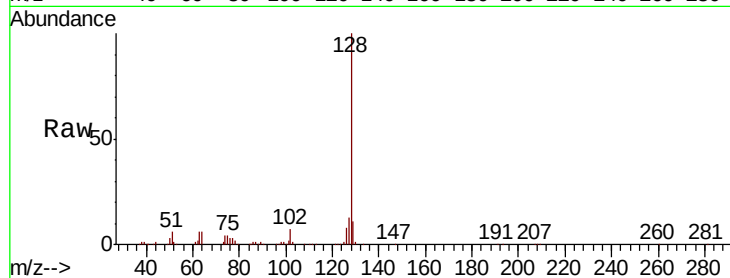
Tot Ion:128 Resp: 200351

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

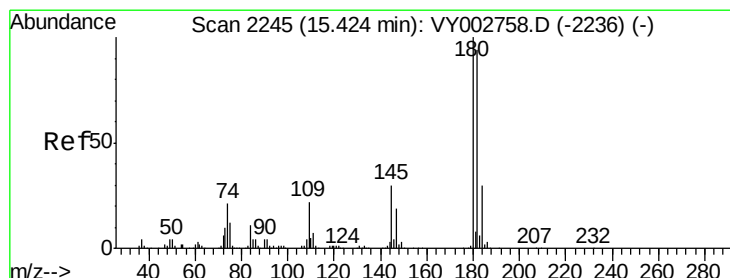
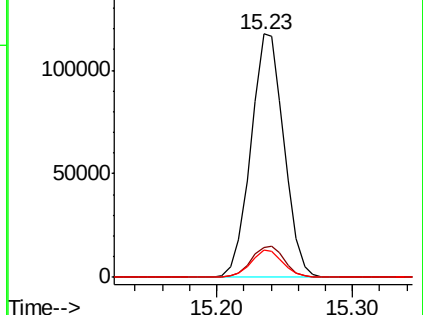
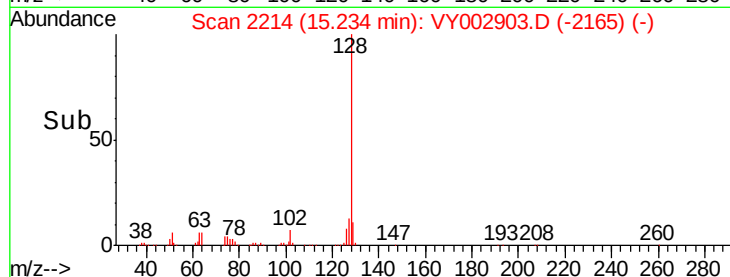
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 23.275 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY002903.D

Acq: 16 Jun 2020 12:36

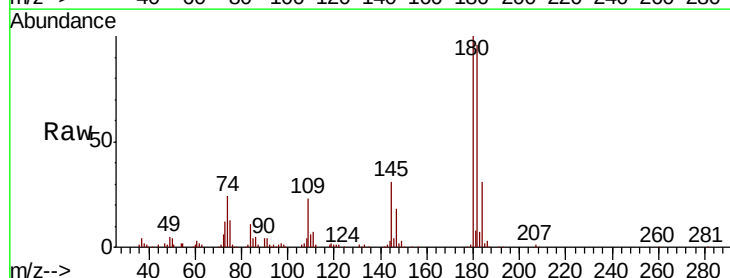
Tgt Ion:180 Resp: 91224

Ion Ratio Lower Upper

180 100

182 95.0 48.1 144.4

145 30.6 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

