

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002764.D
 Acq On : 27 May 2020 15:14
 Operator : SY/MD
 Sample : VY0527SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Quant Time: May 28 04:42:36 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	329927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	489740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	454750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	136776	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	7.72	113	138333	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.18	98	555203	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	12.48	95	191719	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	46122	20.317	ug/l	100
3) Chloromethane	2.12	50	51922	20.678	ug/l	97
4) Vinyl Chloride	2.25	62	55095	20.759	ug/l	97
5) Bromomethane	2.64	94	41512	20.871	ug/l	99
6) Chloroethane	2.79	64	36155	21.014	ug/l	95
7) Trichlorofluoromethane	3.13	101	95368	20.288	ug/l	98
8) Diethyl Ether	3.53	74	38214	20.820	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	59992	21.495	ug/l	100
10) Methyl Iodide	4.09	142	78197	20.024	ug/l	100
11) Tert butyl alcohol	4.97	59	38213	117.334	ug/l	97
12) 1,1-Dichloroethene	3.88	96	58785	20.944	ug/l	97
13) Acrolein	3.74	56	37058	110.388	ug/l	97
14) Allyl chloride	4.48	41	85806	21.316	ug/l	98
15) Acrylonitrile	5.18	53	87502	105.674	ug/l	99
16) Acetone	3.96	43	69274	103.127	ug/l	98
17) Carbon Disulfide	4.19	76	175688	20.714	ug/l	97
18) Methyl Acetate	4.49	43	39657	23.005	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	160480	20.711	ug/l	98
20) Methylene Chloride	4.72	84	73883	22.507	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	65610	20.786	ug/l	98
22) Diisopropyl ether	6.13	45	178133	21.294	ug/l	96
23) Vinyl Acetate	6.07	43	591524	107.103	ug/l	98
24) 1,1-Dichloroethane	6.02	63	102855	21.019	ug/l	99
25) 2-Butanone	6.99	43	109531	104.658	ug/l	98
26) 2,2-Dichloropropane	6.99	77	98090	20.901	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	73141	20.699	ug/l	100
28) Bromochloromethane	7.34	49	46006	22.902	ug/l	100
29) Tetrahydrofuran	7.36	42	72777	106.908	ug/l	99
30) Chloroform	7.51	83	108475	20.890	ug/l	97
31) Cyclohexane	7.78	56	100802	20.747	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	98849	20.428	ug/l	99
36) 1,1-Dichloropropene	7.93	75	87009	21.091	ug/l	99
37) Ethyl Acetate	7.08	43	49189	21.915	ug/l	99
38) Carbon Tetrachloride	7.91	117	93861	20.480	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002764.D
 Acq On : 27 May 2020 15:14
 Operator : SY/MD
 Sample : VY0527SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Quant Time: May 28 04:42:36 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	111926	20.583	ug/l	98
40) Benzene	8.16	78	250974	20.589	ug/l	100
41) Methacrylonitrile	7.35	41	66391	55.058	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	69865	20.451	ug/l	100
43) Isopropyl Acetate	8.28	43	88171	20.729	ug/l	99
44) Trichloroethene	8.94	130	78451	20.375	ug/l	98
45) 1,2-Dichloropropane	9.22	63	61594	21.070	ug/l	99
46) Dibromomethane	9.31	93	36290	20.903	ug/l	97
47) Bromodichloromethane	9.50	83	84756	20.709	ug/l	99
48) Methyl methacrylate	9.30	41	39815	20.736	ug/l	98
49) 1,4-Dioxane	9.30	88	11069	415.238	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	234566	104.145	ug/l	99
52) Toluene	10.24	92	162693	20.402	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	92878	20.777	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	104333	20.597	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	54269	20.418	ug/l	96
56) Ethyl methacrylate	10.51	69	75061	21.085	ug/l	98
57) 1,3-Dichloropropane	10.79	76	89766	20.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	182344	104.825	ug/l	99
59) 2-Hexanone	10.83	43	166498	104.187	ug/l	99
60) Dibromochloromethane	10.99	129	69418	20.601	ug/l	98
61) 1,2-Dibromoethane	11.09	107	54419	20.756	ug/l	98
64) Tetrachloroethene	10.72	164	83713	20.255	ug/l	98
65) Chlorobenzene	11.52	112	183881	20.458	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	70095	20.707	ug/l	99
67) Ethyl Benzene	11.59	91	318982	20.471	ug/l	100
68) m/p-Xylenes	11.70	106	246176	40.748	ug/l	100
69) o-Xylene	12.03	106	117363	20.578	ug/l	100
70) Styrene	12.04	104	202259	20.457	ug/l	99
71) Bromoform	12.20	173	46505	20.531	ug/l #	100
73) Isopropylbenzene	12.33	105	320505	20.616	ug/l	100
74) N-amyl acetate	12.14	43	83423	20.913	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	57504	21.081	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	84558	38.682	ug/l #	100
77) Bromobenzene	12.61	156	81168	20.051	ug/l	97
78) n-propylbenzene	12.67	91	374247	20.840	ug/l	99
79) 2-Chlorotoluene	12.75	91	205795	20.429	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	268596	20.692	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	24172	20.833	ug/l	98
82) 4-Chlorotoluene	12.85	91	216589	20.521	ug/l	100
83) tert-Butylbenzene	13.07	119	240982	20.812	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	271182	20.777	ug/l	100
85) sec-Butylbenzene	13.25	105	333956	21.094	ug/l	99
86) p-Isopropyltoluene	13.37	119	307709	20.888	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	155830	20.322	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	155280	20.244	ug/l	99
89) n-Butylbenzene	13.69	91	280783	20.993	ug/l	100
90) Hexachloroethane	13.96	117	56877	20.623	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	143158	20.586	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10980	20.922	ug/l	98

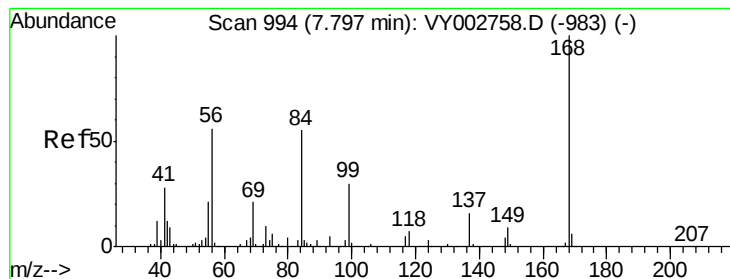
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002764.D
Acq On : 27 May 2020 15:14
Operator : SY/MD
Sample : VY0527SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

Quant Time: May 28 04:42:36 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)
93) 1,2,4-Trichlorobenzene	15.01	180	109799	20.947	ug/l	100
94) Hexachlorobutadiene	15.11	225	62691	21.087	ug/l	100
95) Naphthalene	15.23	128	217449	20.690	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	97148	20.755	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: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

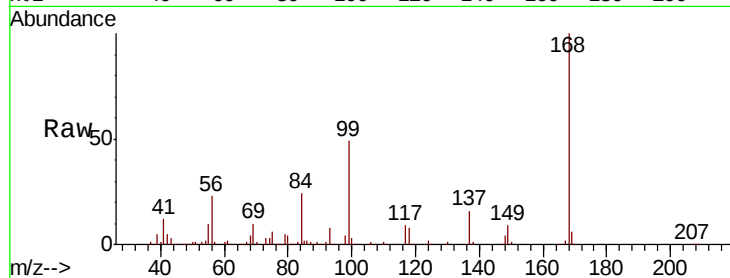
VY0527SBSD01

Tot Ion:168 Resp: 329927

Ion Ratio Lower Upper

168 100

99 48.7 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

150000

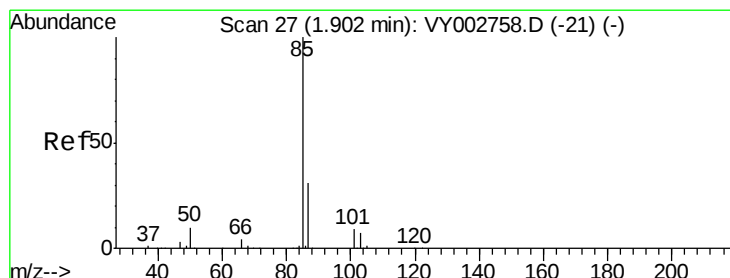
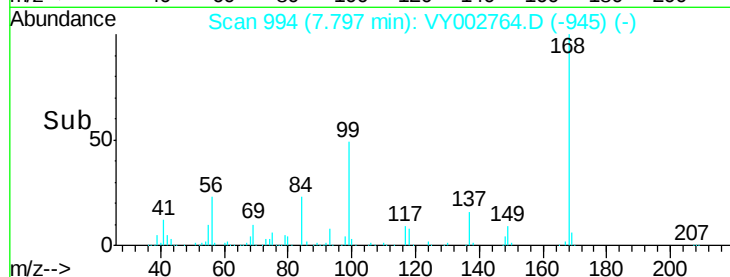
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.317 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002764.D

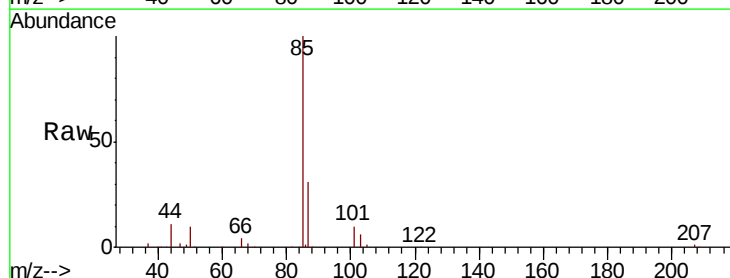
Acq: 27 May 2020 15:14

Tgt Ion: 85 Resp: 46122

Ion Ratio Lower Upper

85 100

87 30.8 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) (-)

1.90

30000

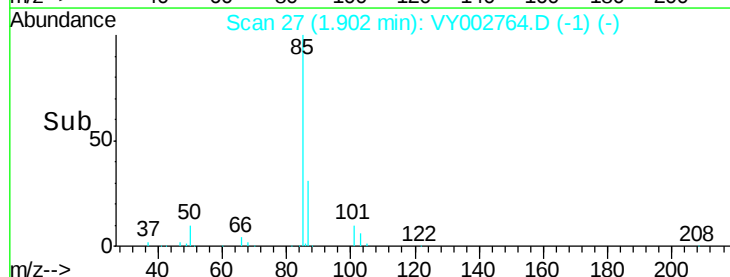
20000

10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.678 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

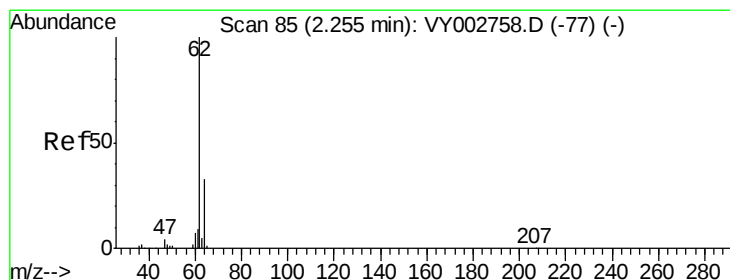
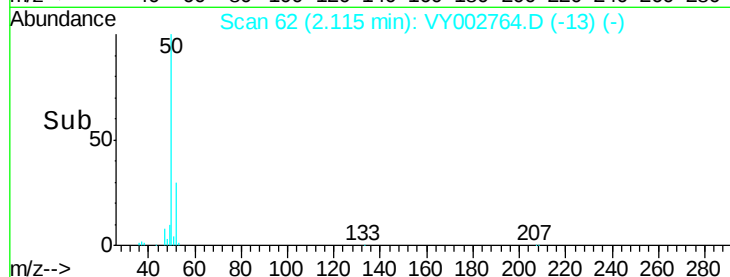
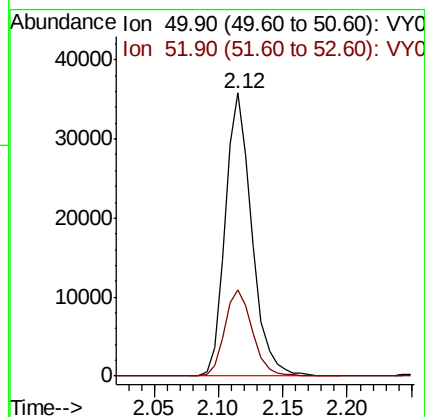
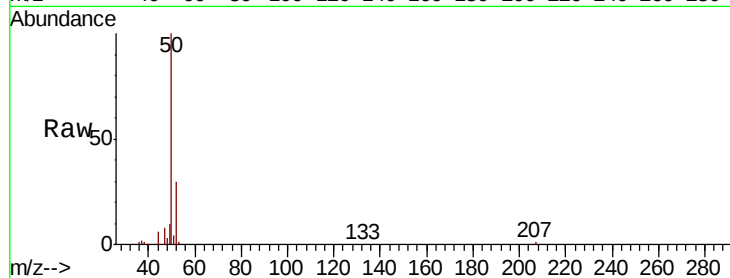
VY0527SBSD01

Tot Ion: 50 Resp: 51922

Ion Ratio Lower Upper

50 100

52 30.4 25.8 38.6



#4

Vinyl Chloride

Concen: 20.759 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY002764.D

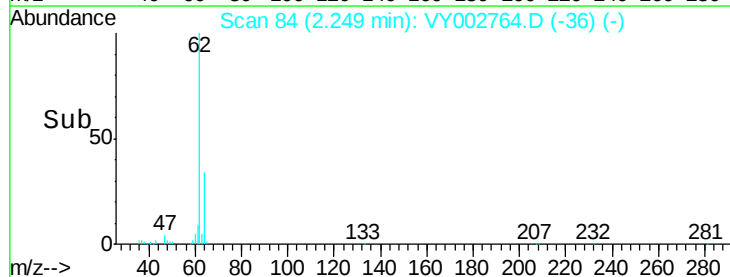
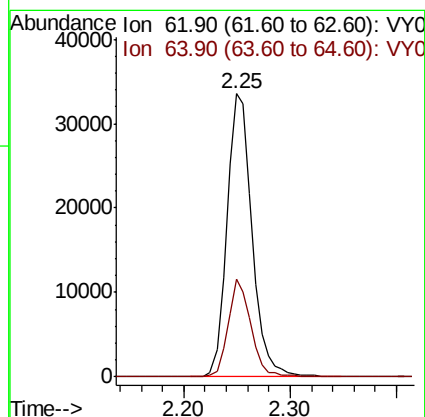
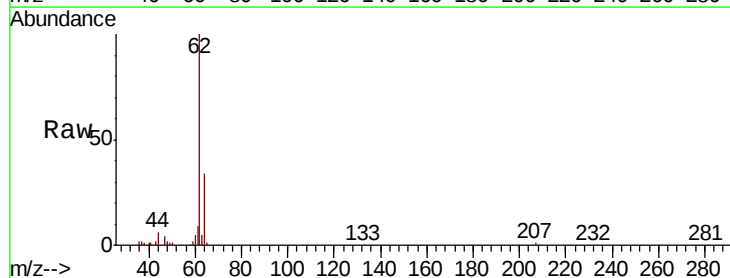
Acq: 27 May 2020 15:14

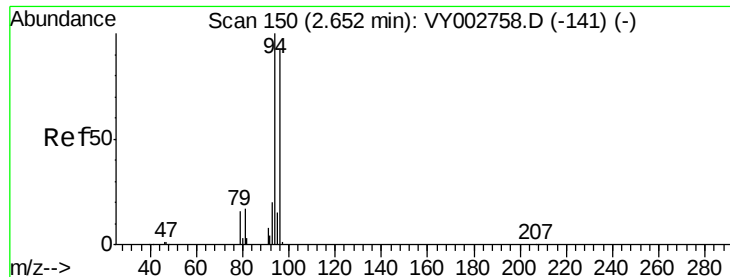
Tgt Ion: 62 Resp: 55095

Ion Ratio Lower Upper

62 100

64 34.4 26.1 39.1





#5

Bromomethane

Concen: 20.871 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

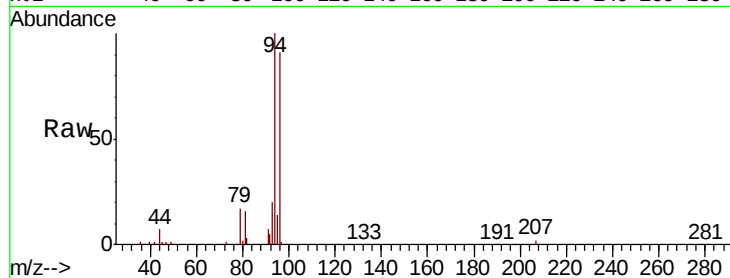
VY0527SBS01

Tot Ion: 94 Resp: 41512

Ion Ratio Lower Upper

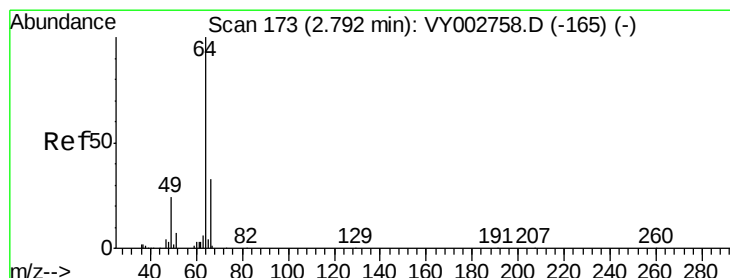
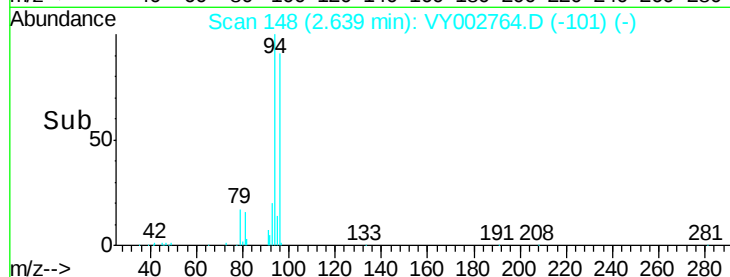
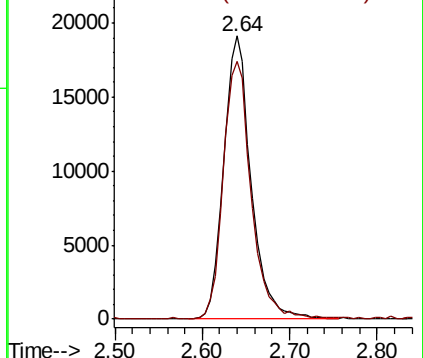
94 100

96 91.0 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.014 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002764.D

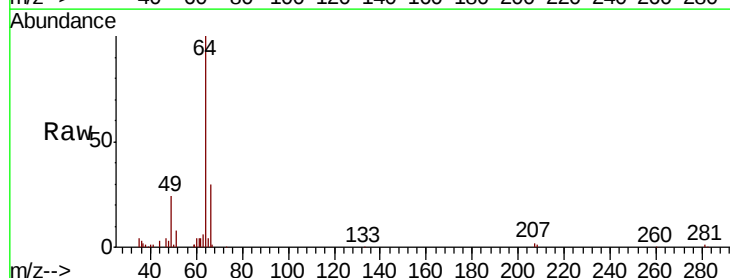
Acq: 27 May 2020 15:14

Tgt Ion: 64 Resp: 36155

Ion Ratio Lower Upper

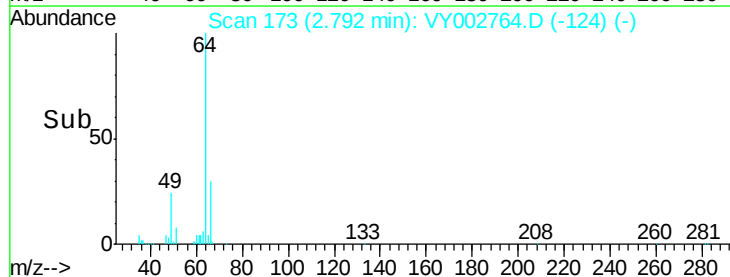
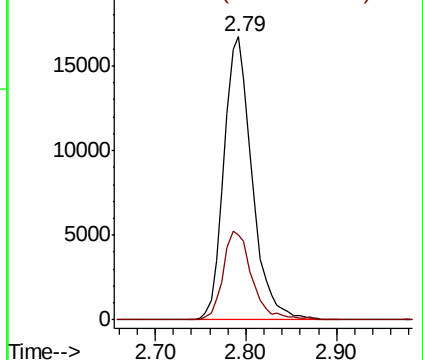
64 100

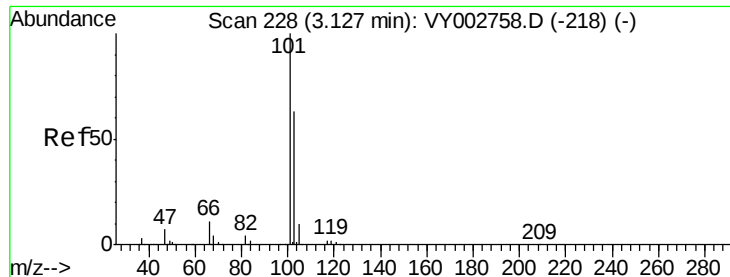
66 30.1 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



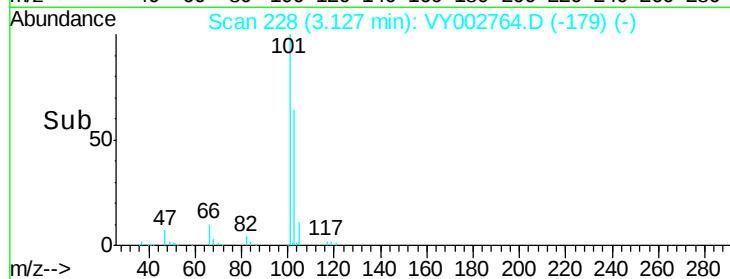
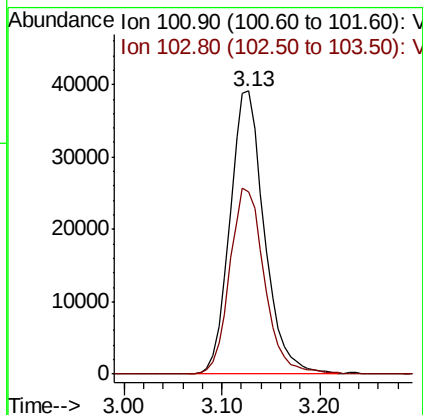
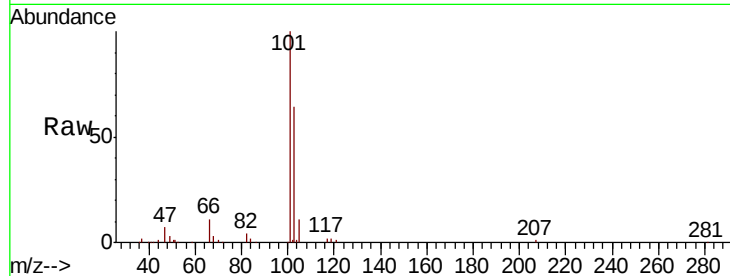


#7

Trichlorofluoromethane
 Concen: 20.288 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

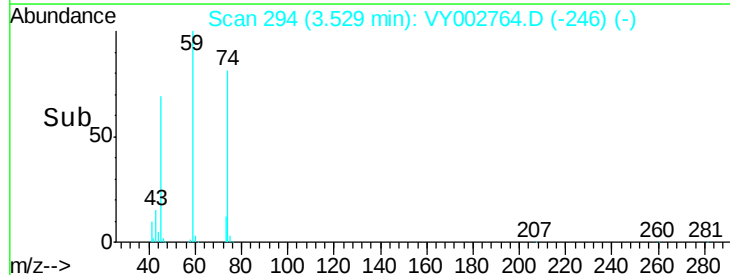
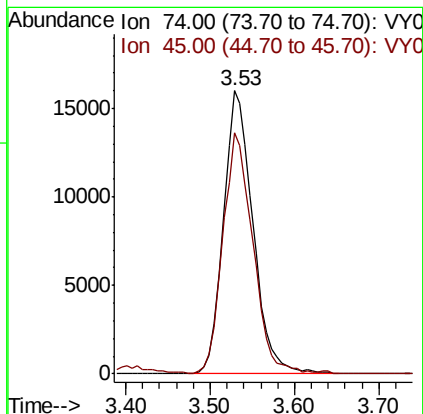
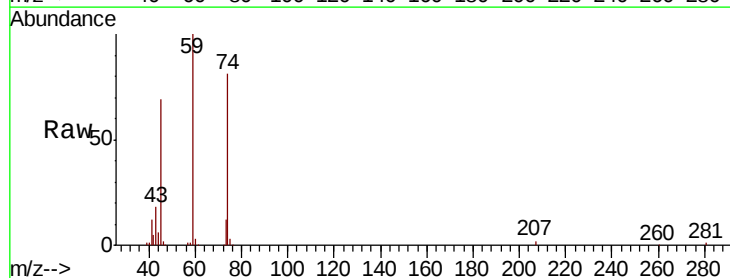
Tot Ion:101 Resp: 95368
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.6 76.0

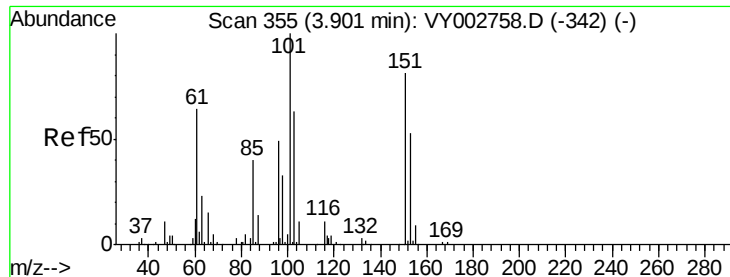


#8

Diethyl Ether
 Concen: 20.820 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion: 74 Resp: 38214
 Ion Ratio Lower Upper
 74 100
 45 87.1 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.495 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

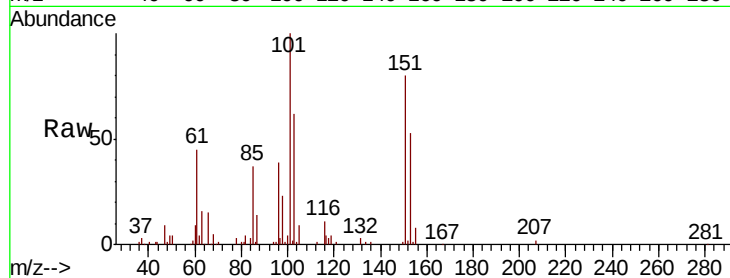
Tot Ion:101 Resp: 59992

Ion Ratio Lower Upper

101 100

85 41.4 32.7 49.1

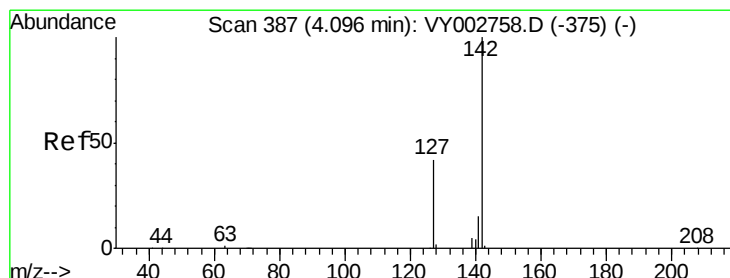
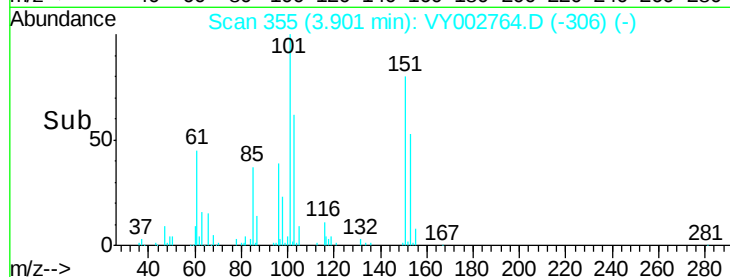
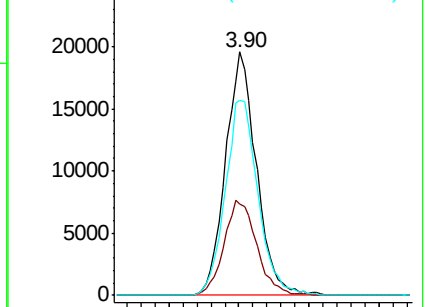
151 85.1 68.0 102.0



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: 20.024 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

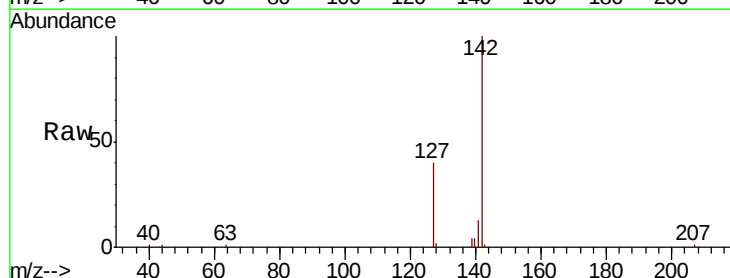
Tgt Ion:142 Resp: 78197

Ion Ratio Lower Upper

142 100

127 41.5 33.3 49.9

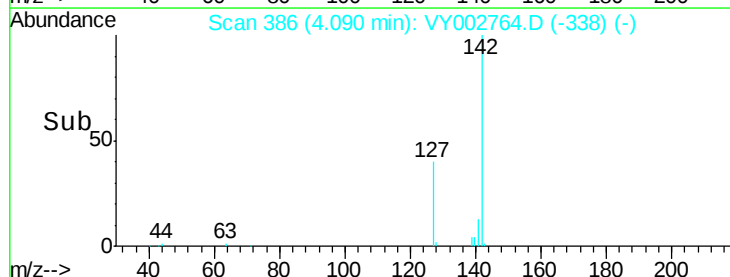
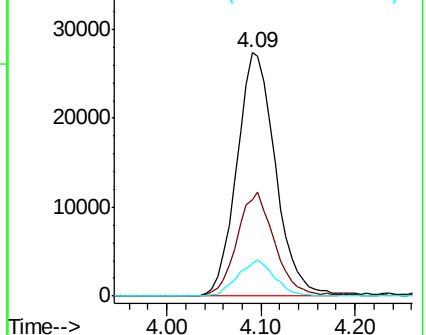
141 14.1 11.5 17.3



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

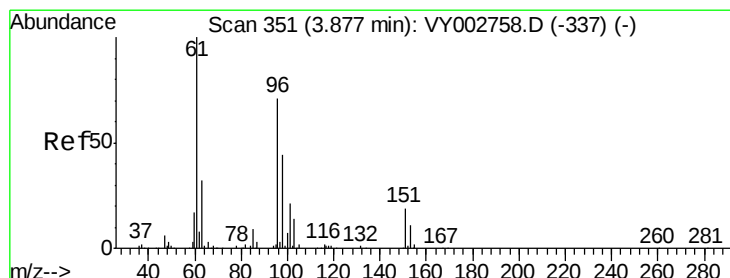
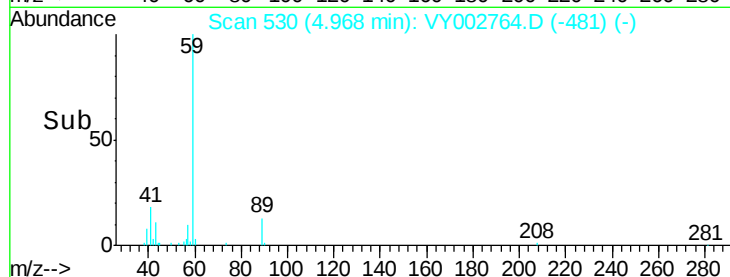
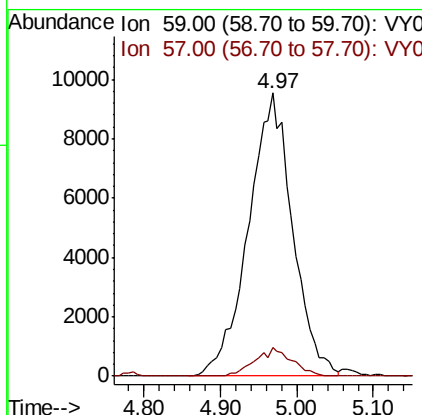
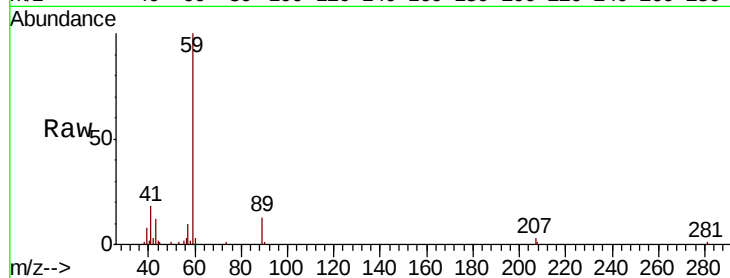




#11
Tert butyl alcohol
Concen: 117.334 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

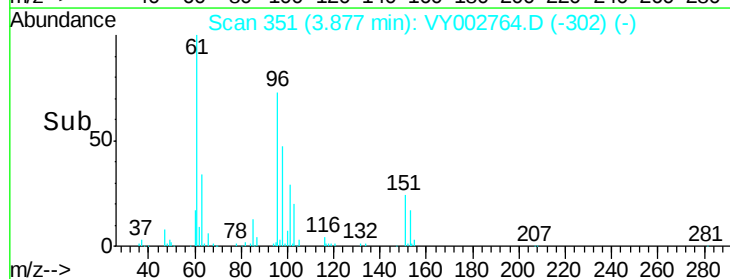
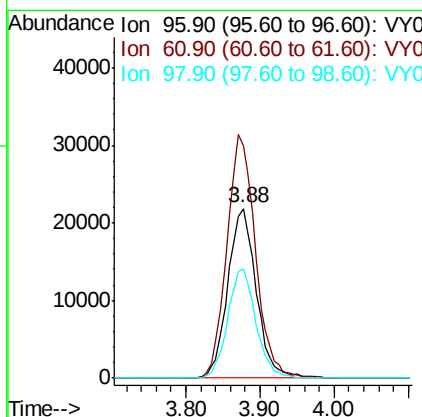
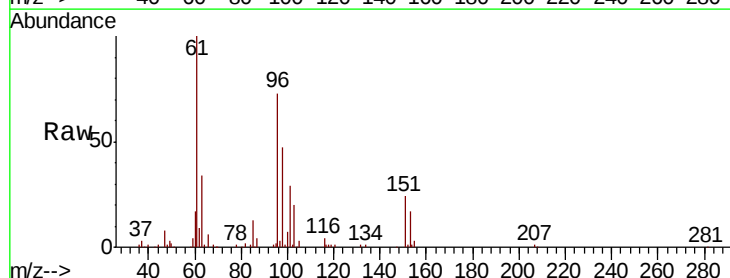
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

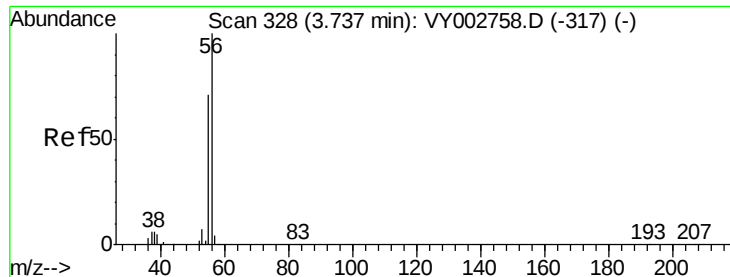
Tot Ion: 59 Resp: 38213
Ion Ratio Lower Upper
59 100
57 8.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 20.944 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion: 96 Resp: 58785
Ion Ratio Lower Upper
96 100
61 137.0 112.6 168.8
98 64.4 50.0 75.0





#13

Acrolein

Concen: 110.388 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

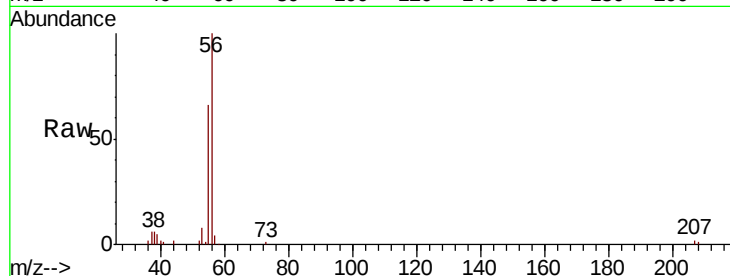
VY0527SBS01

Tot Ion: 56 Resp: 37058

Ion Ratio Lower Upper

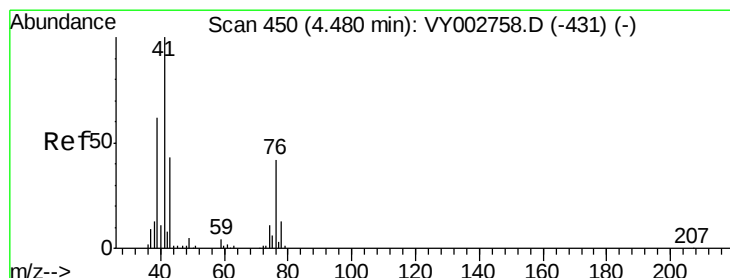
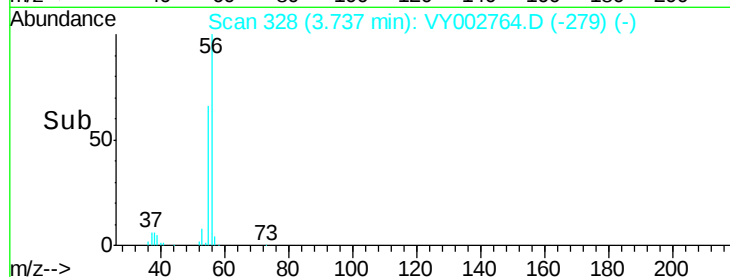
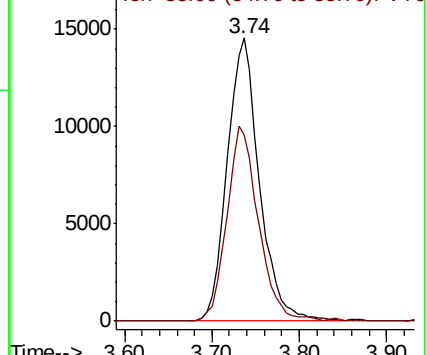
56 100

55 67.6 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.316 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

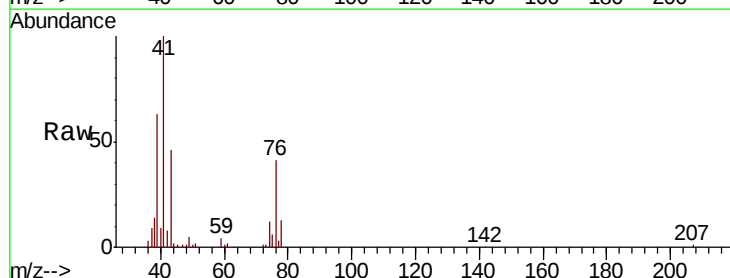
Tgt Ion: 41 Resp: 85806

Ion Ratio Lower Upper

41 100

39 63.8 49.9 74.9

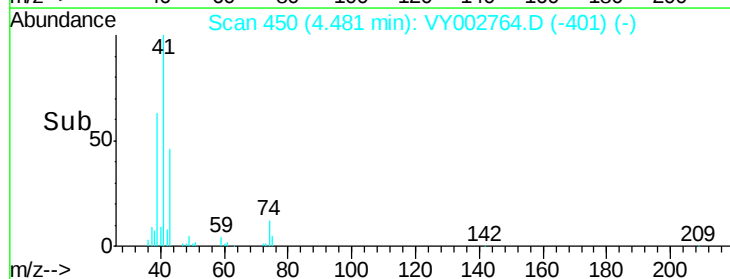
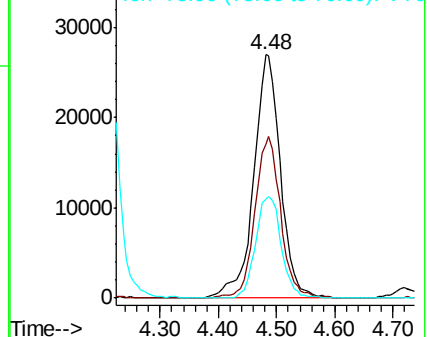
76 40.1 33.2 49.8

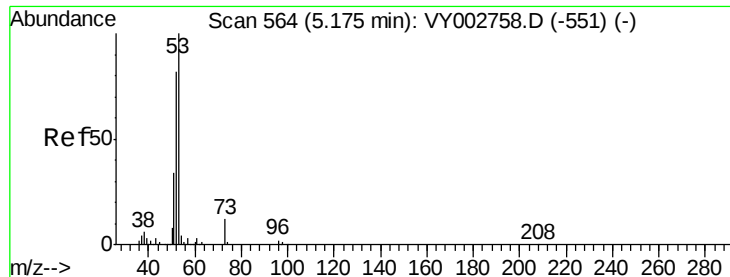


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 105.674 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

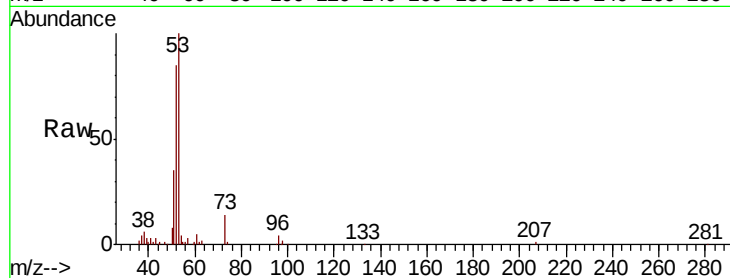
Tot Ion: 53 Resp: 87502

Ion Ratio Lower Upper

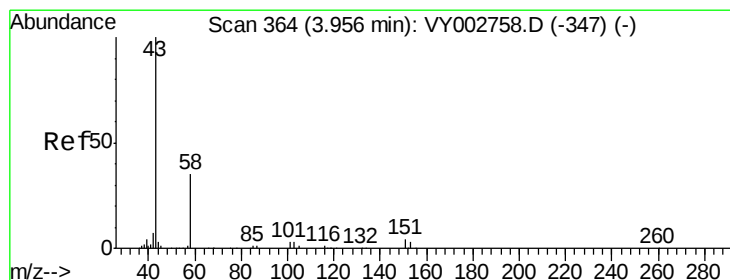
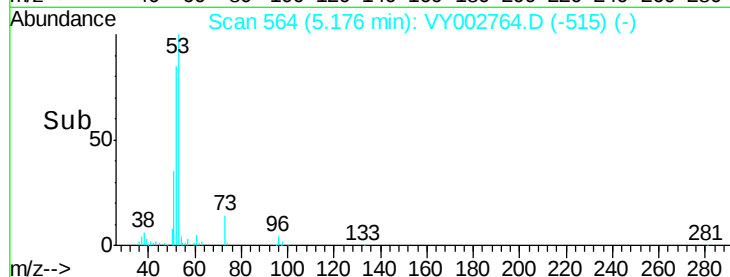
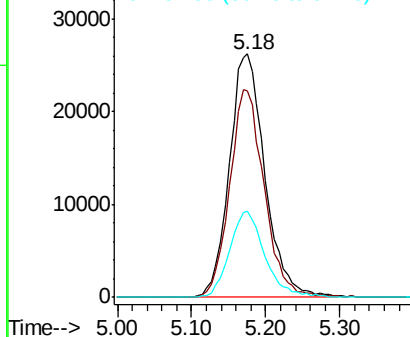
53 100

52 82.9 65.3 97.9

51 35.1 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: 103.127 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002764.D

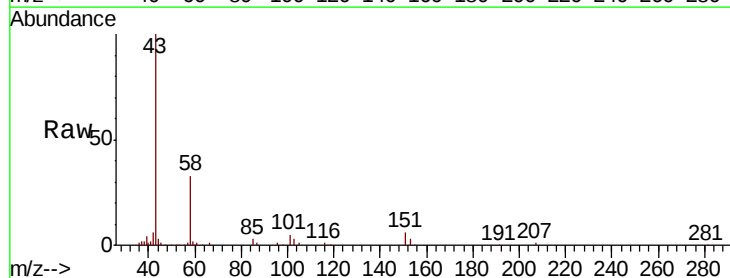
Acq: 27 May 2020 15:14

Tgt Ion: 43 Resp: 69274

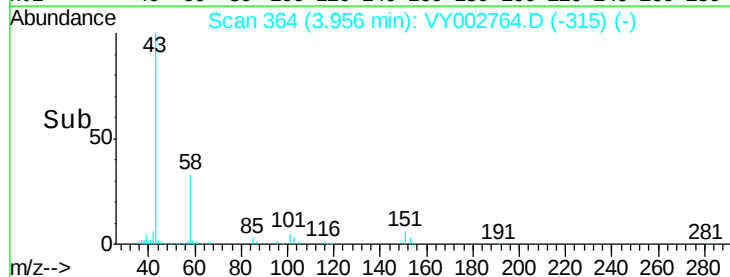
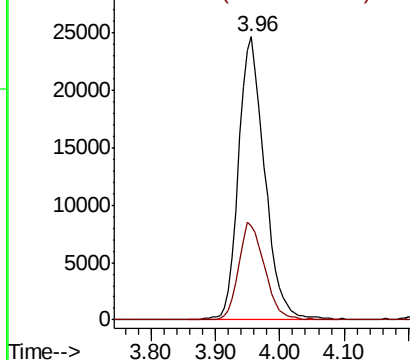
Ion Ratio Lower Upper

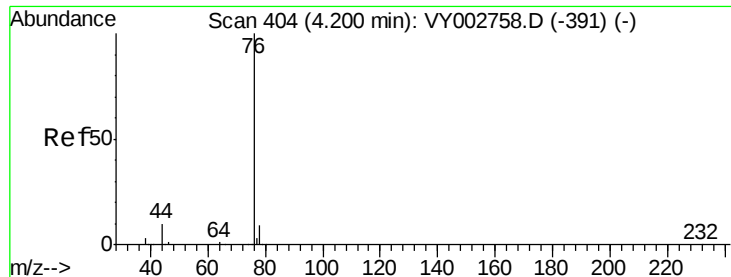
43 100

58 33.3 27.7 41.5



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

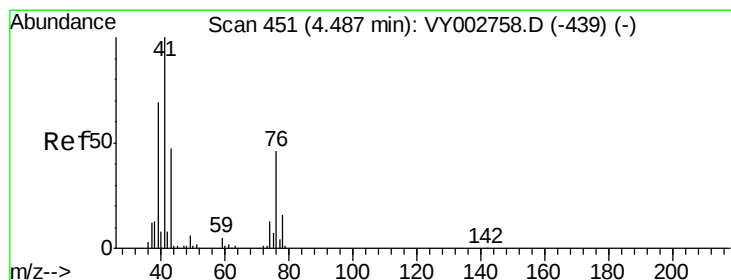
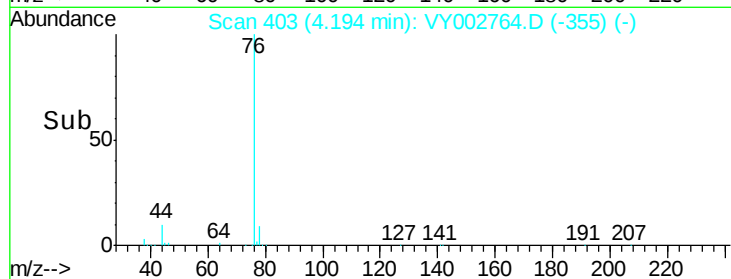
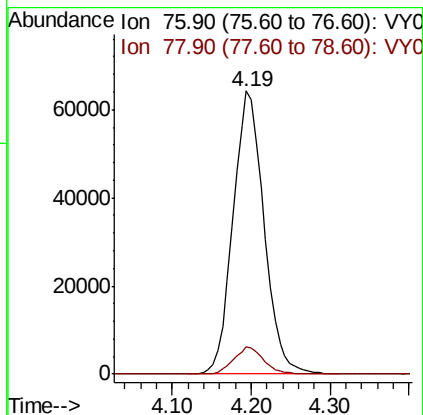
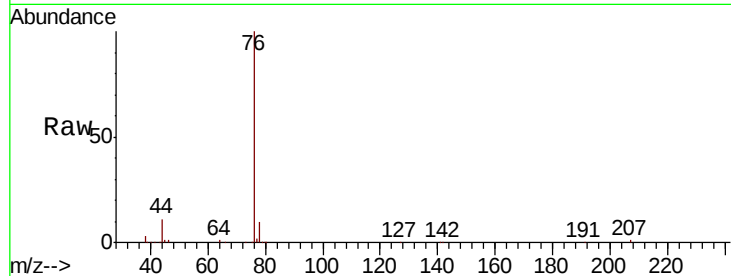




#17
Carbon Disulfide
Concen: 20.714 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

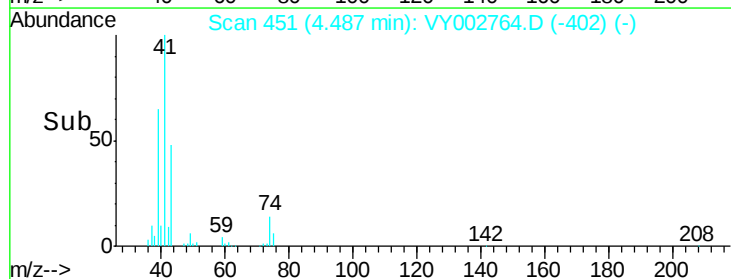
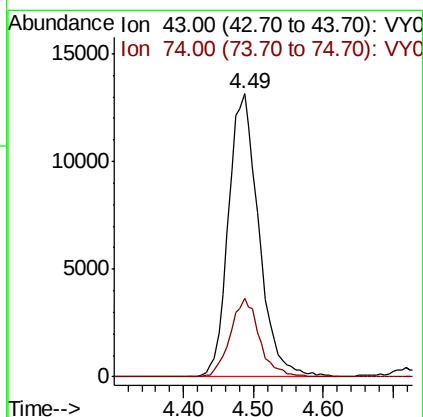
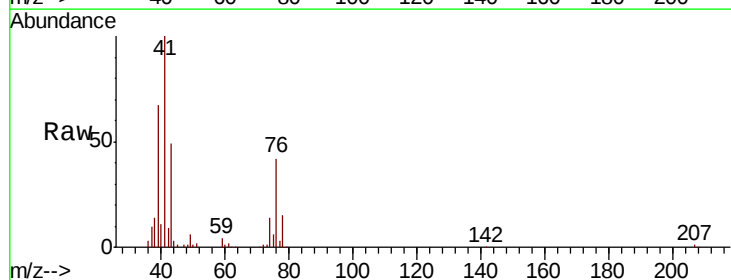
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBSD01

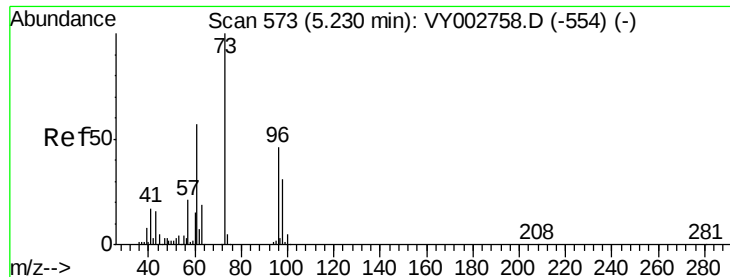
Tot Ion: 76 Resp: 175688
Ion Ratio Lower Upper
76 100
78 9.6 6.9 10.3



#18
Methyl Acetate
Concen: 23.005 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion: 43 Resp: 39657
Ion Ratio Lower Upper
43 100
74 26.6 21.4 32.0



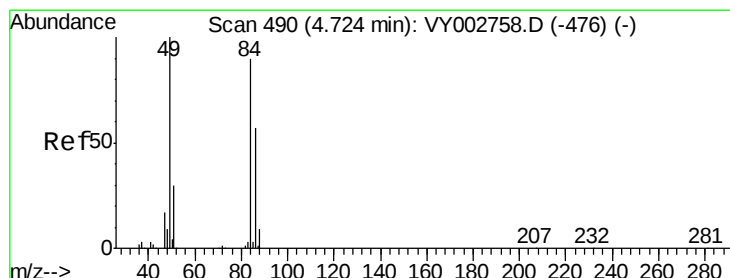
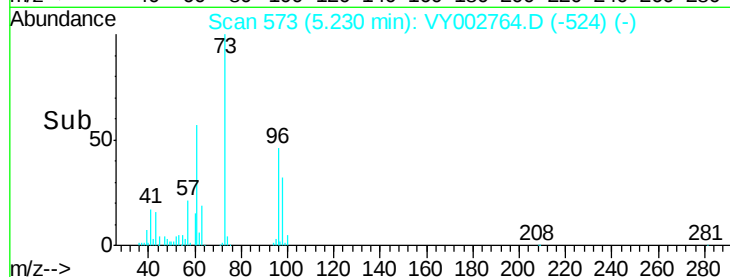
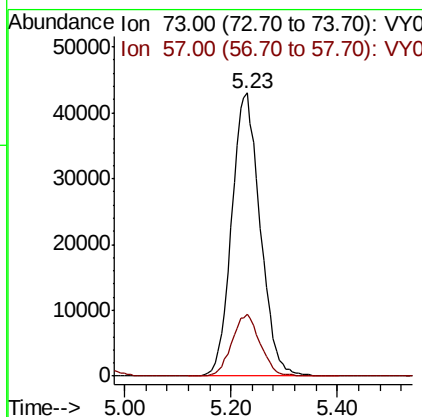
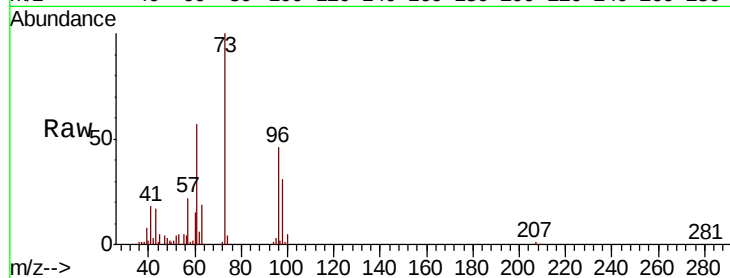


#19

Methyl tert-butyl Ether
 Concen: 20.711 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

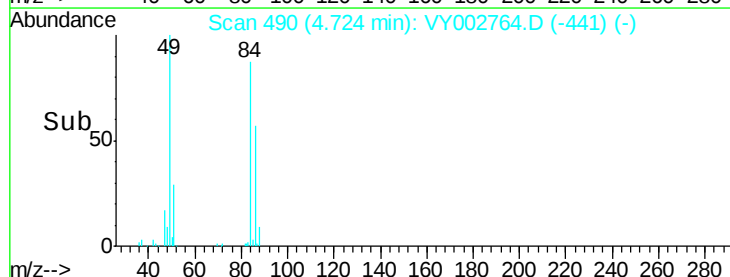
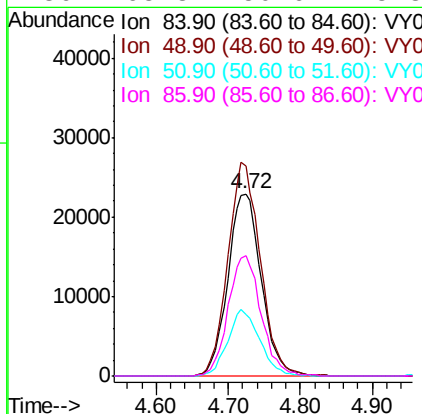
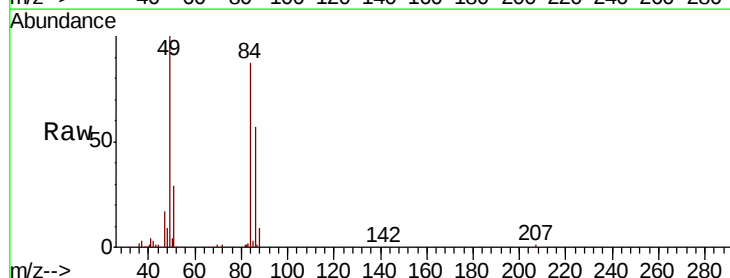
Tot Ion: 73 Resp: 160480
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.0 25.4

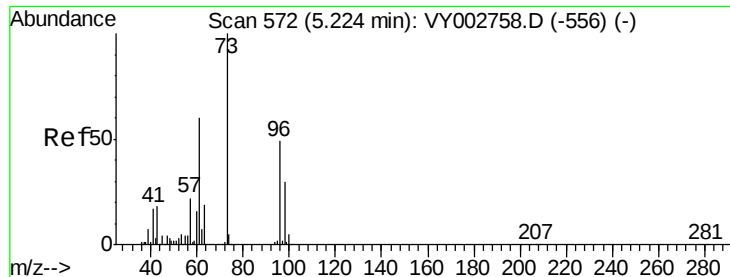


#20

Methylene Chloride
 Concen: 22.507 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion: 84 Resp: 73883
 Ion Ratio Lower Upper
 84 100
 49 115.0 88.5 132.7
 51 33.8 26.8 40.2
 86 65.8 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.786 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

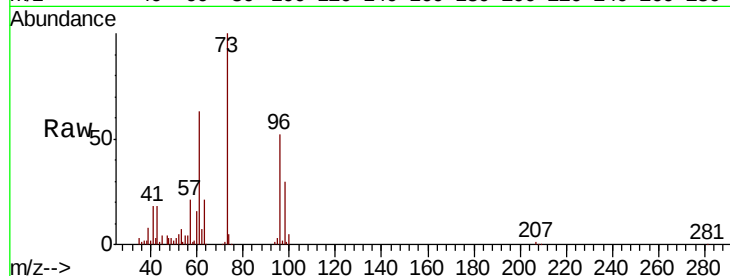
Tot Ion: 96 Resp: 65610

Ion Ratio Lower Upper

96 100

61 121.1 96.8 145.2

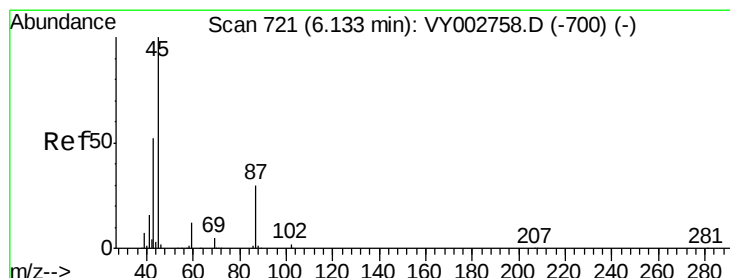
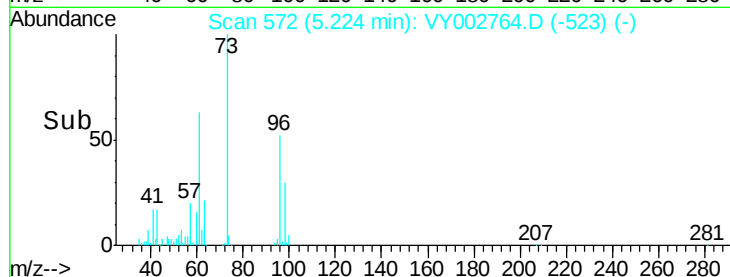
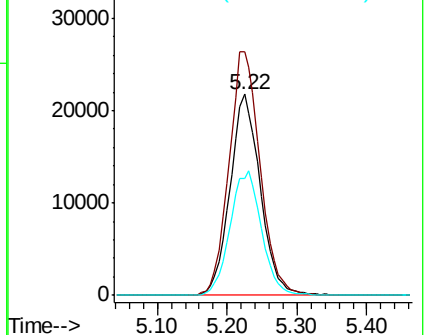
98 58.2 49.4 74.0



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: 21.294 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Tgt Ion: 45 Resp: 178133

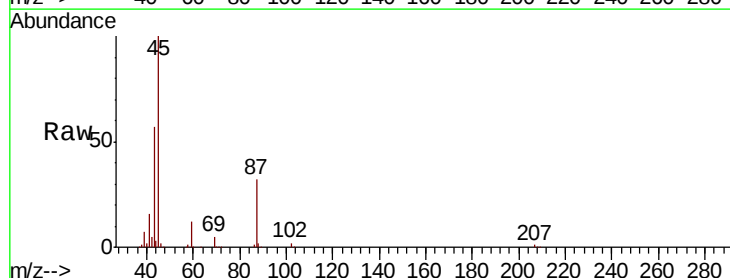
Ion Ratio Lower Upper

45 100

43 56.2 41.7 62.5

87 32.1 24.2 36.2

59 12.2 9.8 14.8

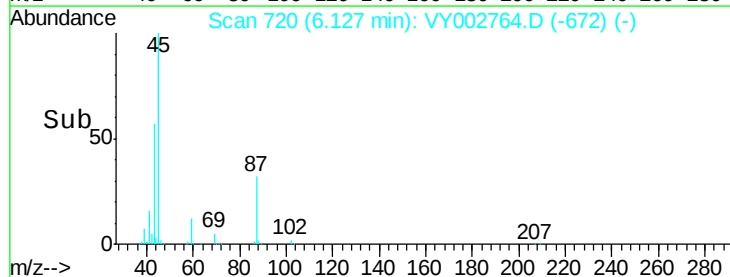
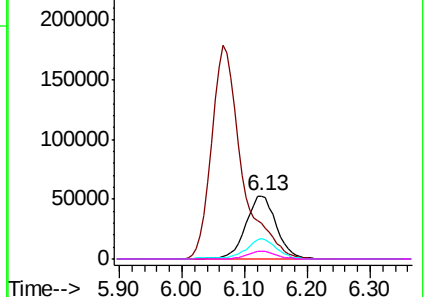


Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 107.103 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

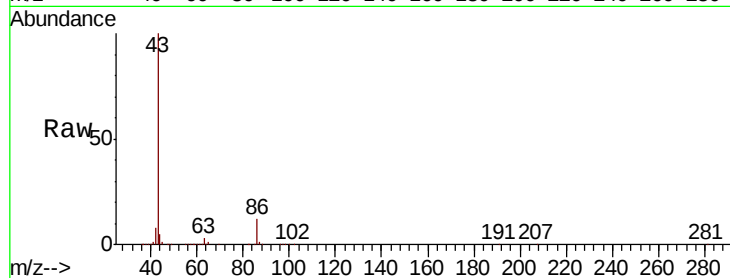
VY0527SBS01

Tot Ion: 43 Resp: 591524

Ion Ratio Lower Upper

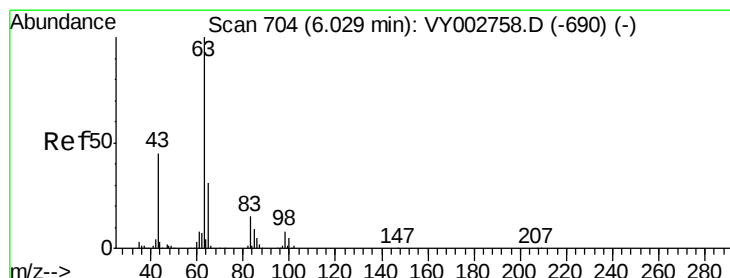
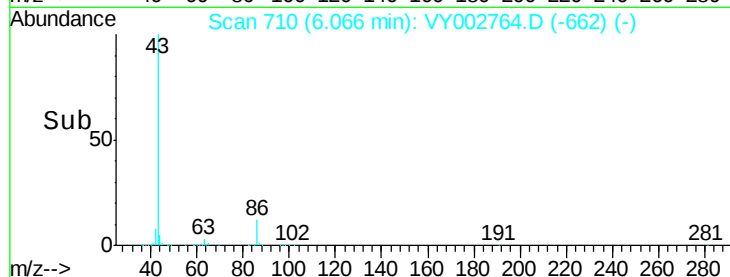
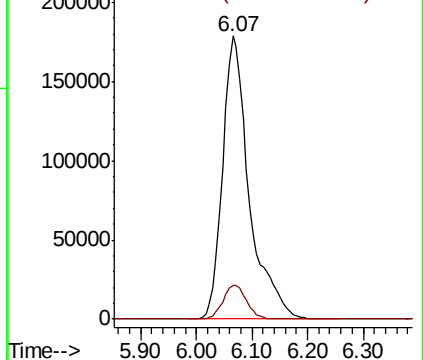
43 100

86 12.1 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: 21.019 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

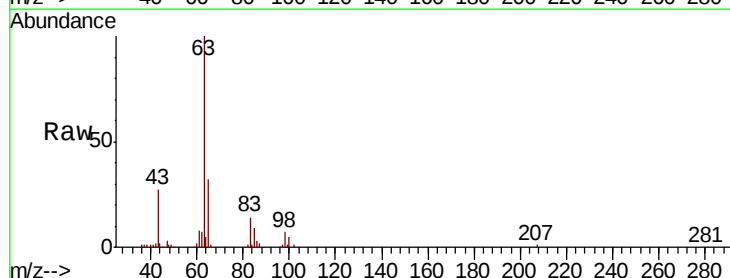
Tgt Ion: 63 Resp: 102855

Ion Ratio Lower Upper

63 100

98 7.3 4.0 12.2

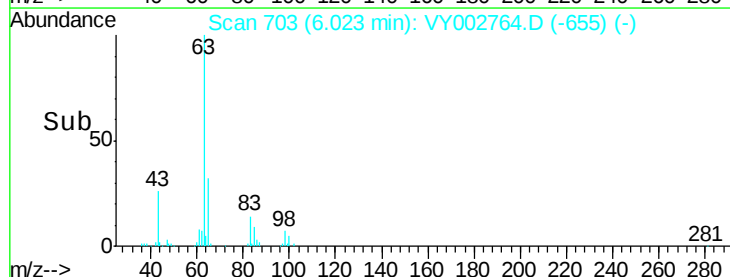
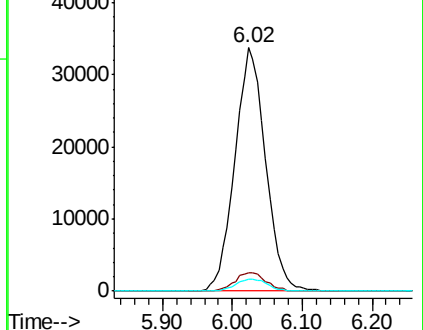
100 4.7 2.4 7.1



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

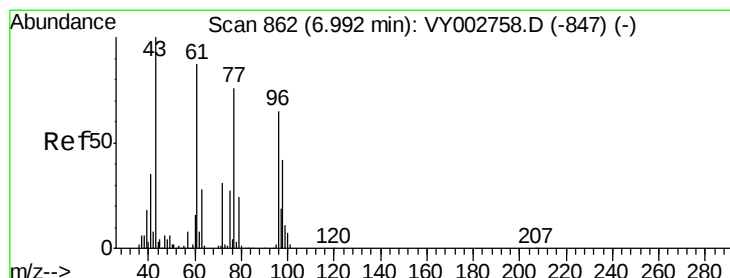
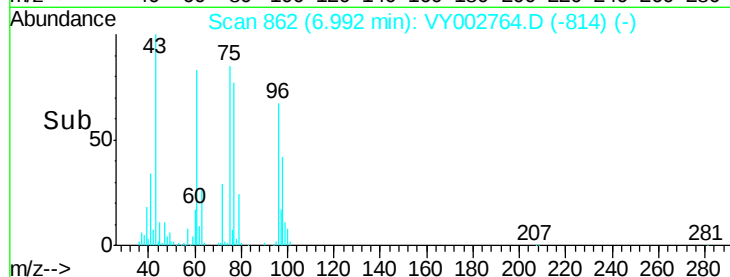
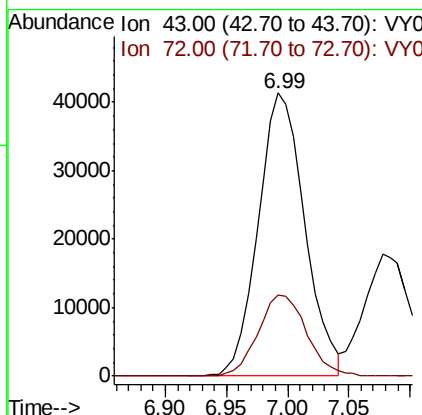
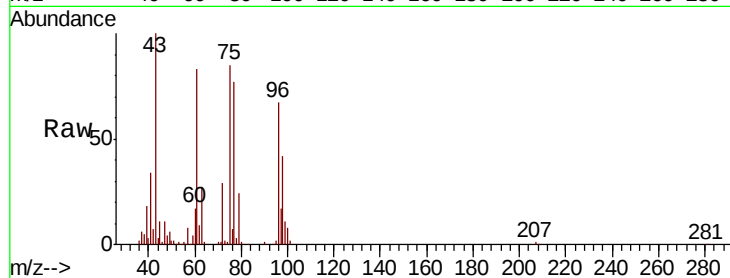




#25
2-Butanone
Concen: 104.658 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

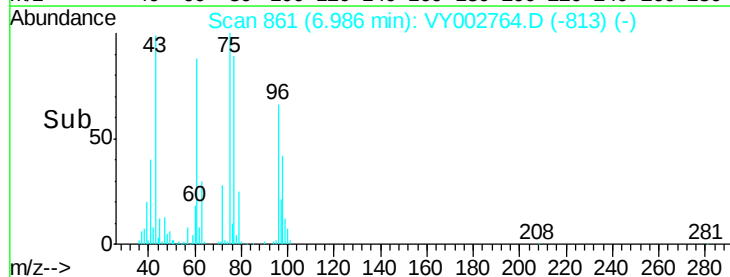
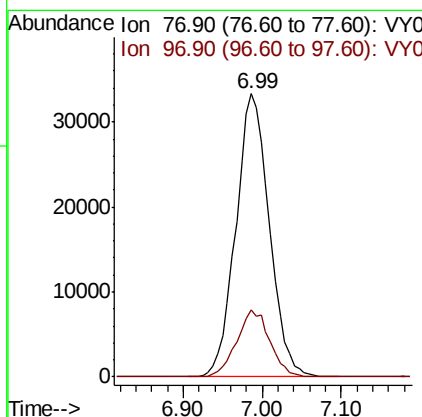
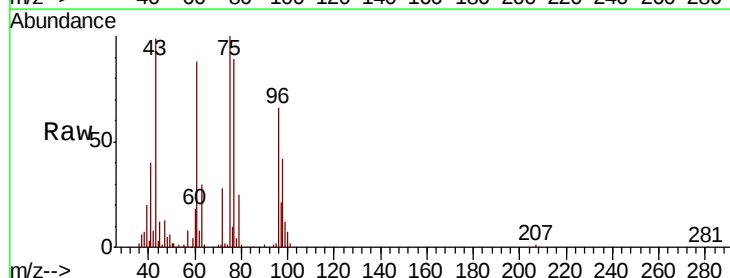
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion: 43 Resp: 109531
Ion Ratio Lower Upper
43 100
72 28.7 23.9 35.9



#26
2,2-Dichloropropane
Concen: 20.901 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion: 77 Resp: 98090
Ion Ratio Lower Upper
77 100
97 23.4 12.2 36.6



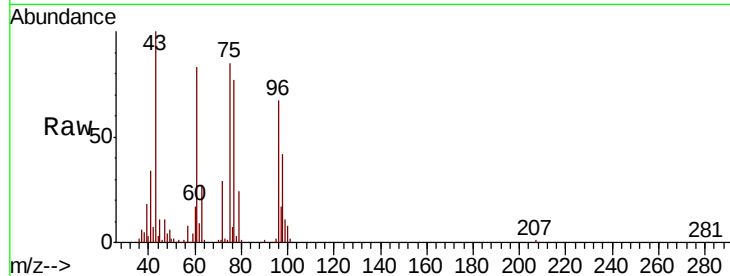


#27

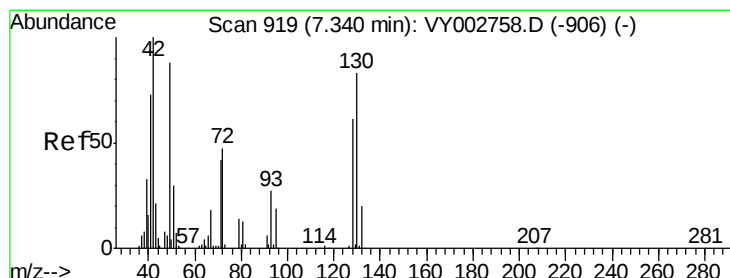
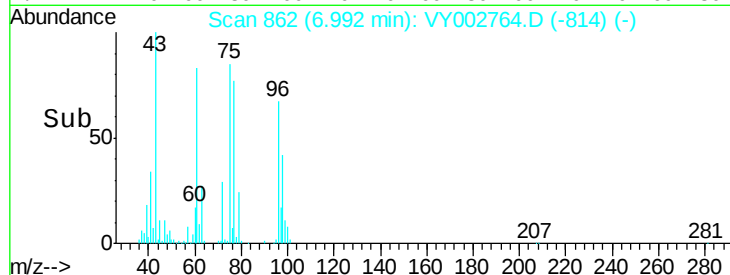
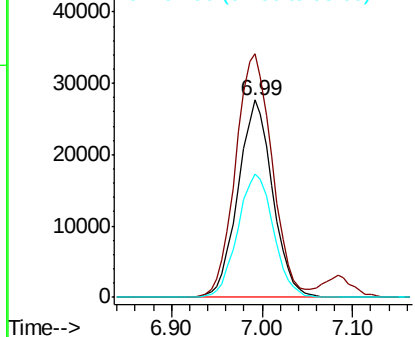
cis-1,2-Dichloroethene
Concen: 20.699 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion: 96 Resp: 73141
Ion Ratio Lower Upper
96 100
61 130.2 0.0 260.2
98 64.7 0.0 128.2



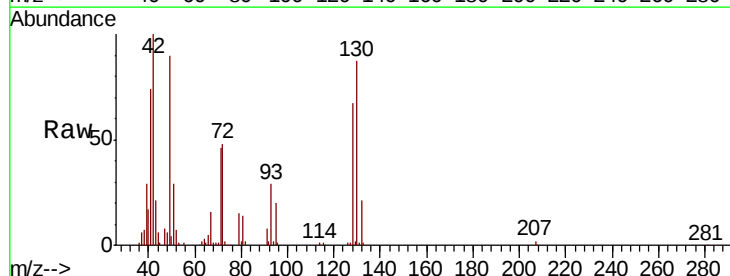
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



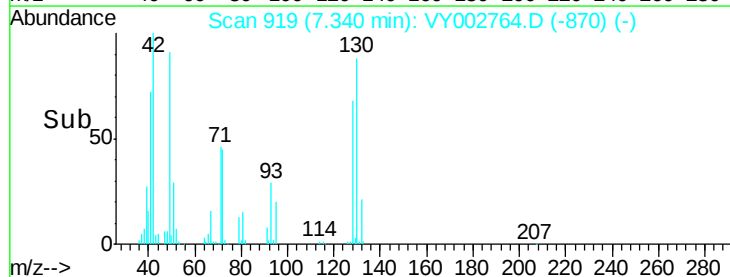
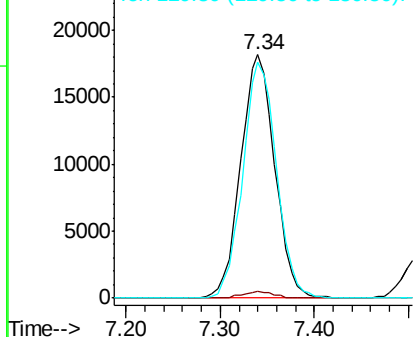
#28

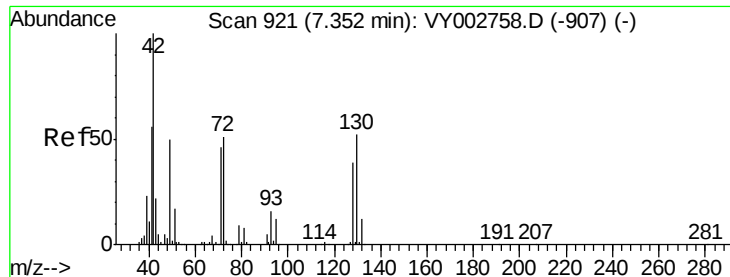
Bromochloromethane
Concen: 22.902 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion: 49 Resp: 46006
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.2
130 96.1 77.1 115.7



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





#29

Tetrahydrofuran

Concen: 106.908 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

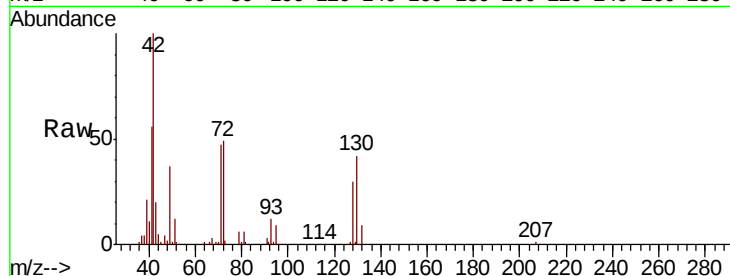
Tot Ion: 42 Resp: 72777

Ion Ratio Lower Upper

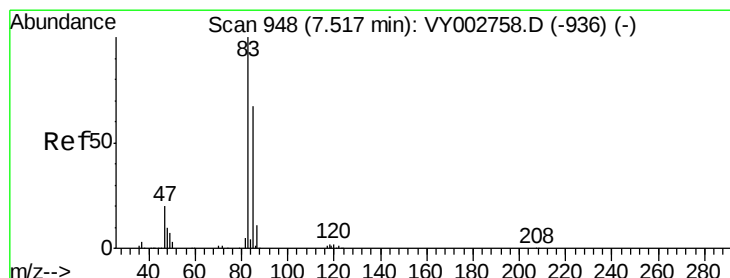
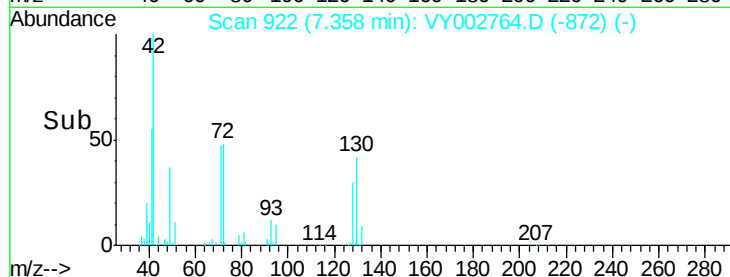
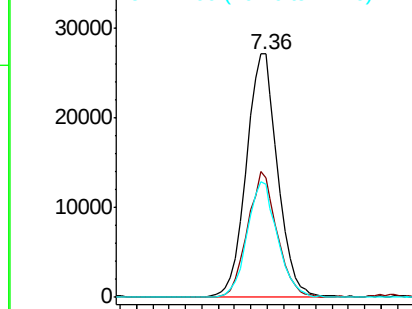
42 100

72 48.4 38.6 58.0

71 46.1 35.8 53.8



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



#30

Chloroform

Concen: 20.890 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002764.D

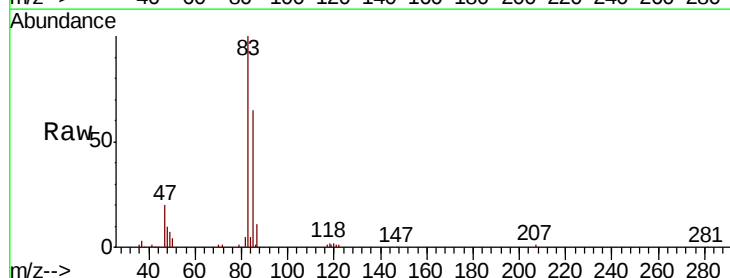
Acq: 27 May 2020 15:14

Tgt Ion: 83 Resp: 108475

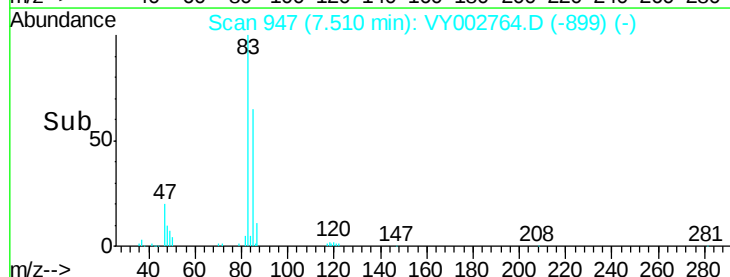
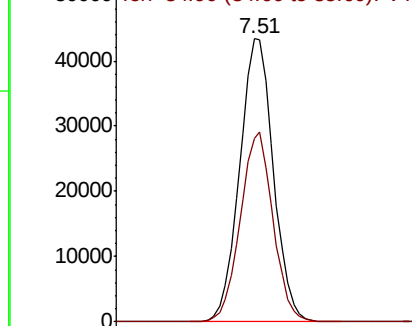
Ion Ratio Lower Upper

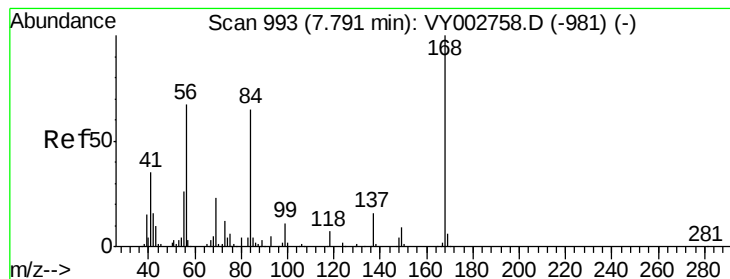
83 100

85 64.9 53.8 80.8



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





#31

Cyclohexane

Concen: 20.747 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

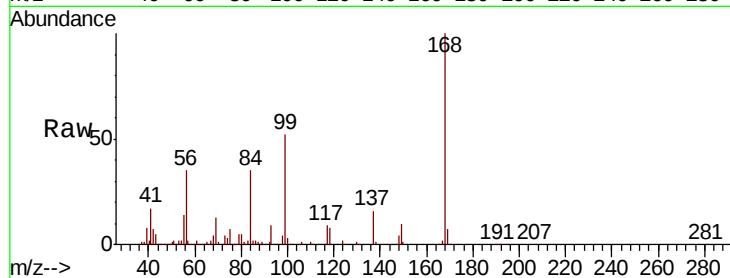
Tot Ion: 56 Resp: 100802

Ion Ratio Lower Upper

56 100

69 37.5 28.0 42.0

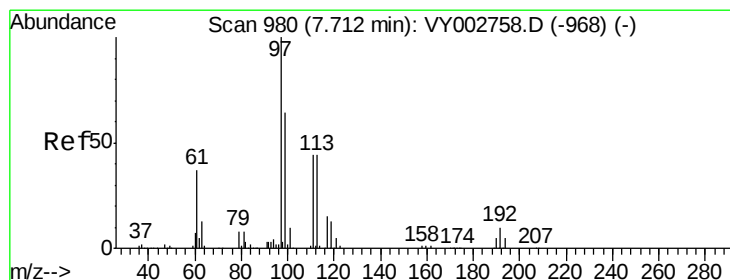
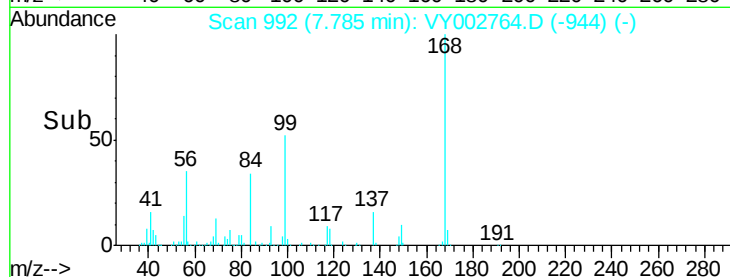
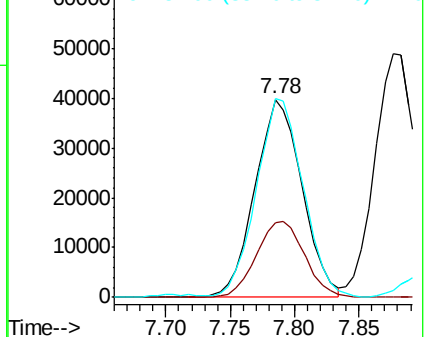
84 99.1 77.7 116.5



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: 20.428 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

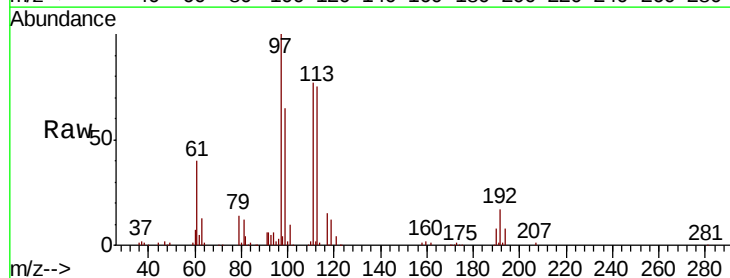
Tgt Ion: 97 Resp: 98849

Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

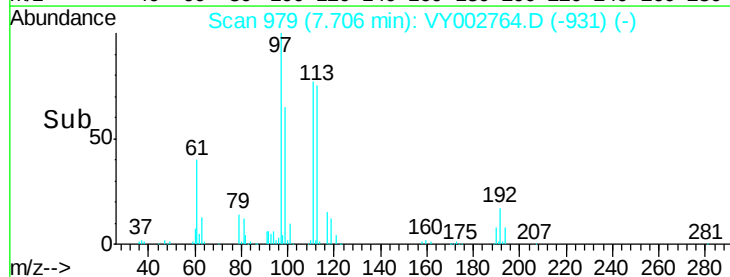
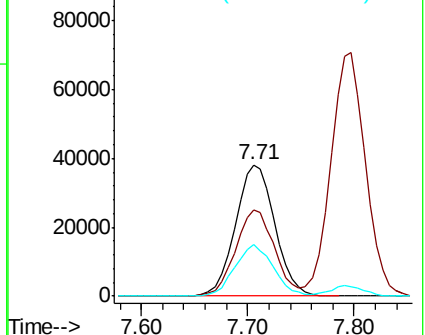
61 38.3 30.1 45.1



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

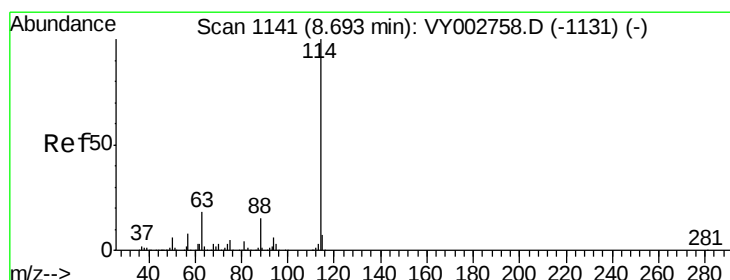
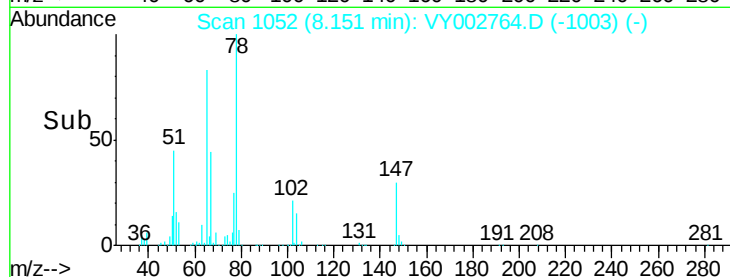
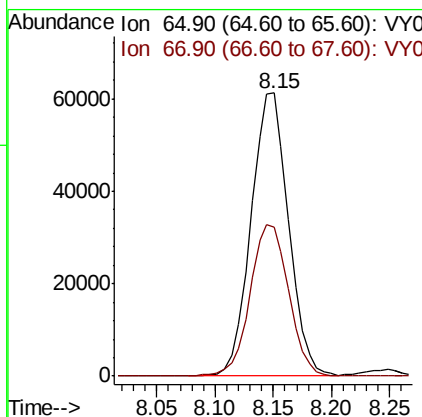
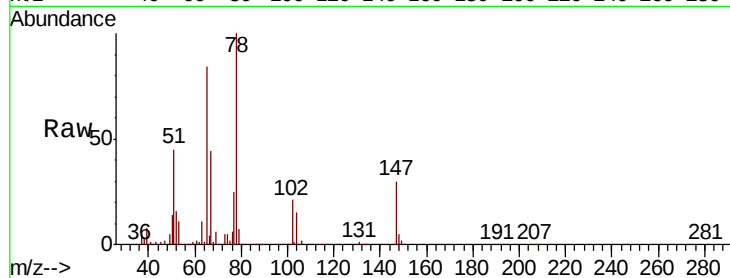




#33
 1,2-Dichloroethane-d4
 Concen: 47.746 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

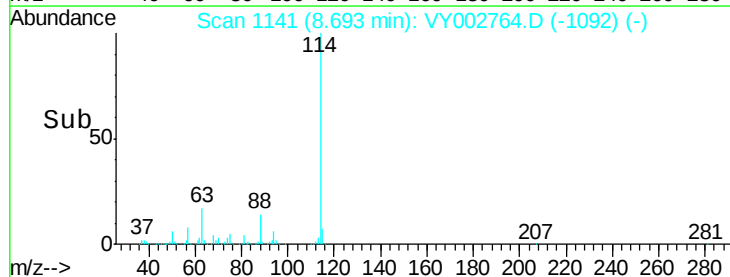
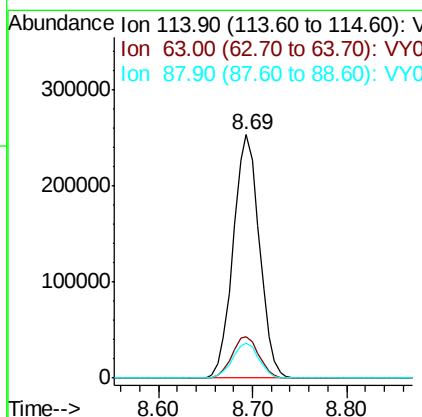
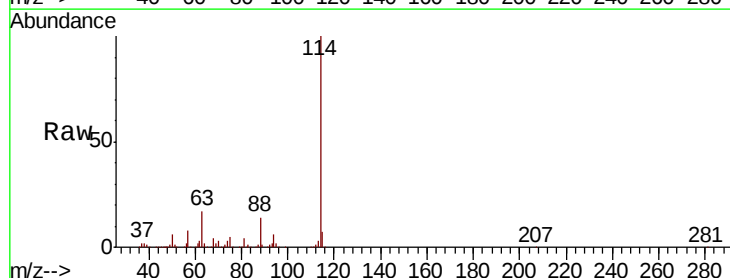
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion: 65 Resp: 136776
 Ion Ratio Lower Upper
 65 100
 67 55.0 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: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion: 114 Resp: 489740
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.2
 88 14.5 0.0 29.2

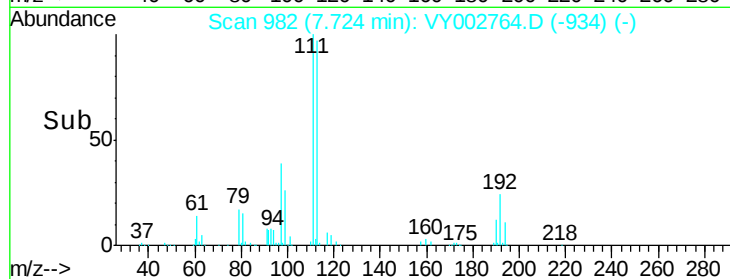
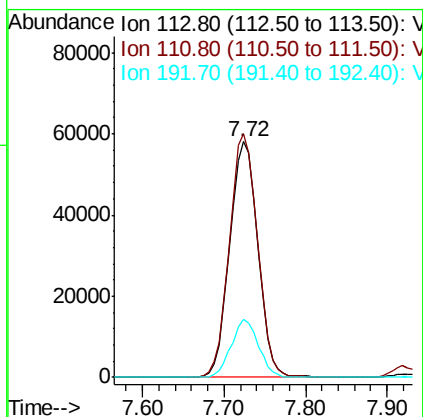
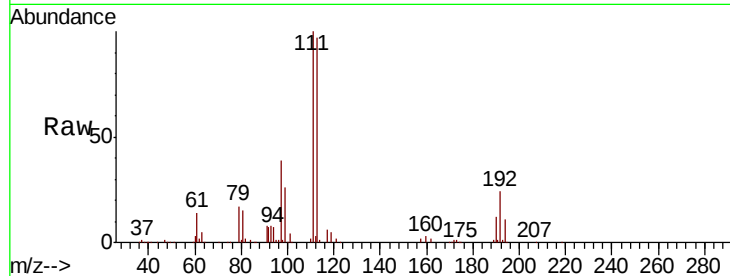




#35
 Dibromofluoromethane
 Concen: 48.198 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

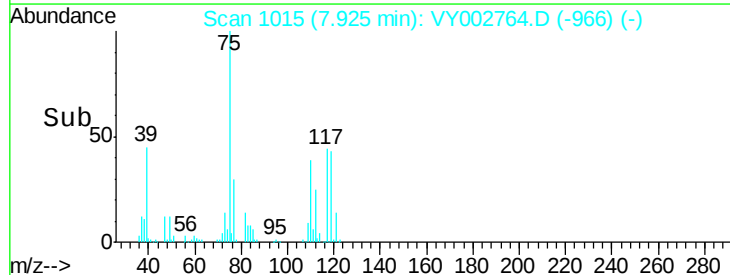
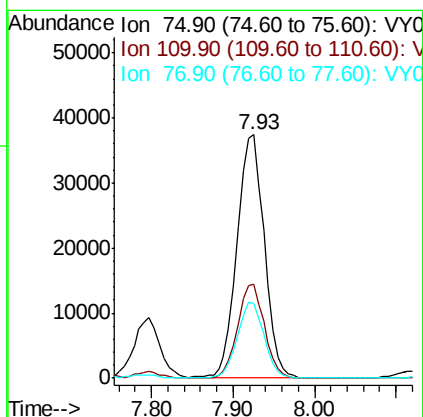
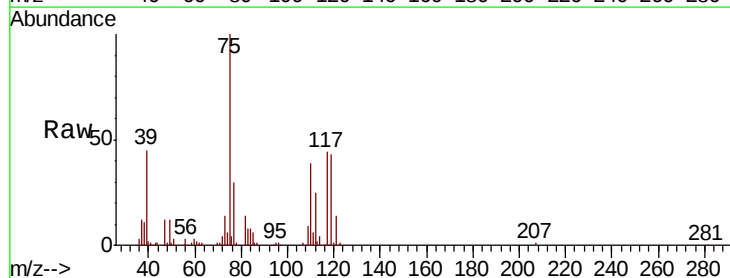
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

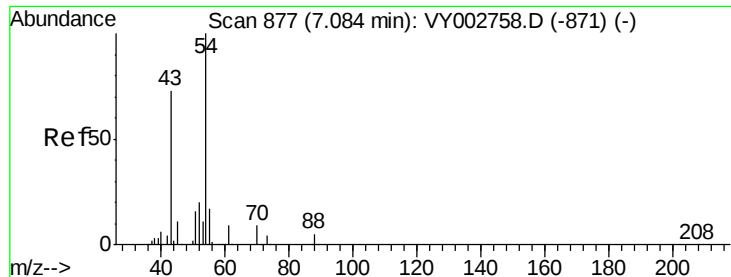
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	23.9	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.091 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	19.3	57.9
77	30.5	24.8	37.2

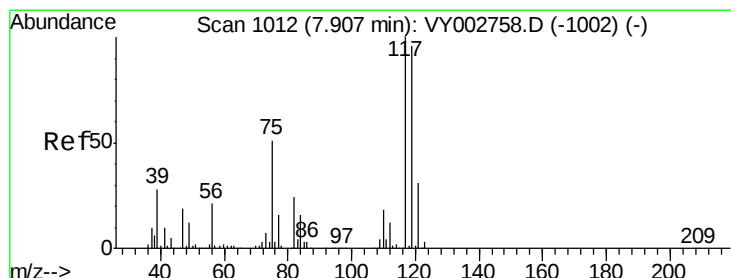
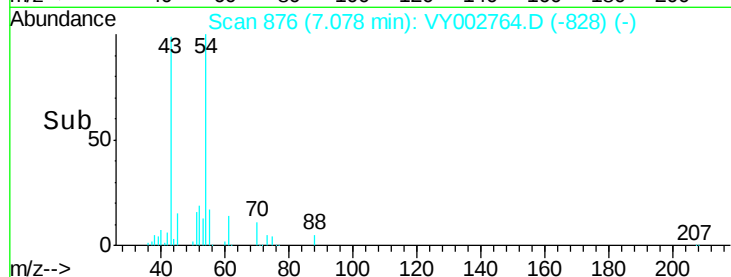
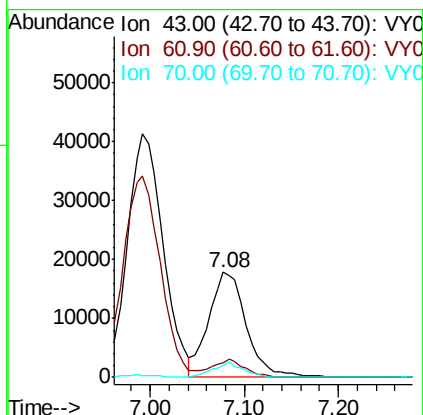
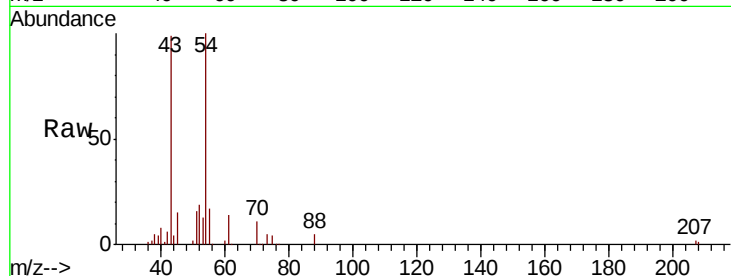




#37
Ethyl Acetate
Concen: 21.915 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

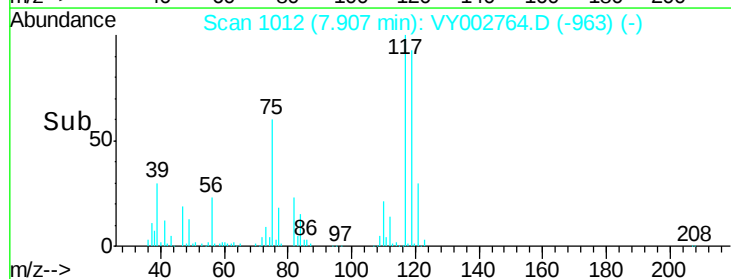
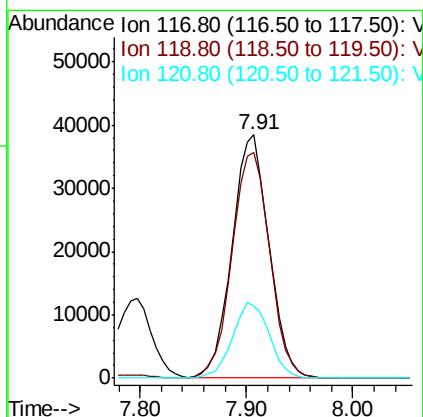
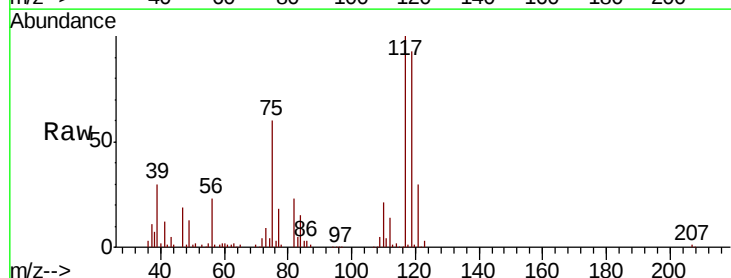
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

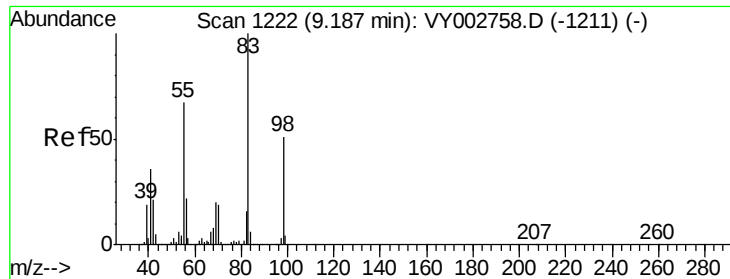
Tot Ion: 43 Resp: 49189
Ion Ratio Lower Upper
43 100
61 15.3 11.9 17.9
70 11.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.480 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion: 117 Resp: 93861
Ion Ratio Lower Upper
117 100
119 92.7 76.8 115.2
121 29.7 24.8 37.2

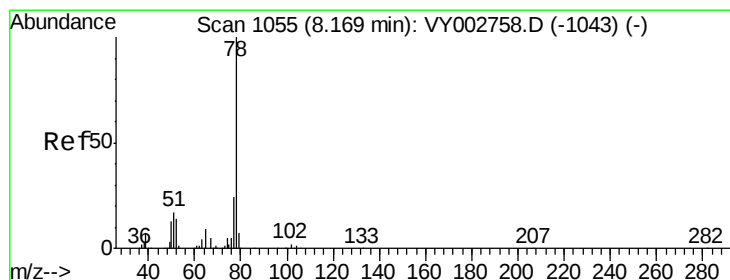
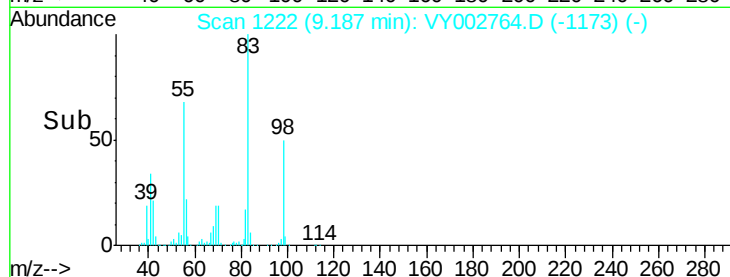
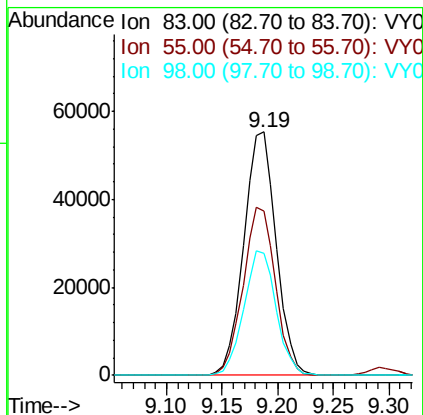
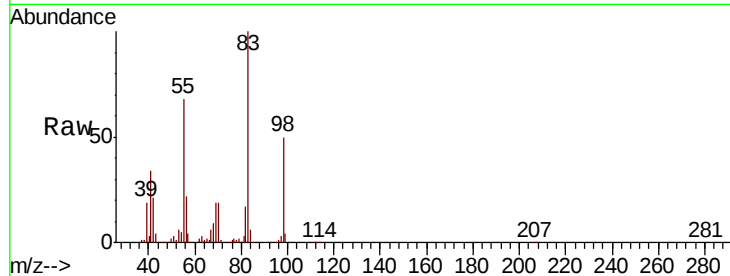




#39
Methvlcvclohexane
Concen: 20.583 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

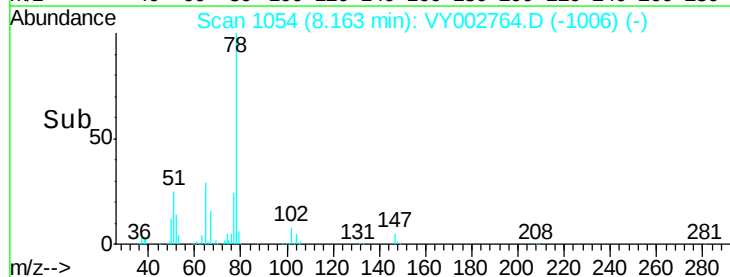
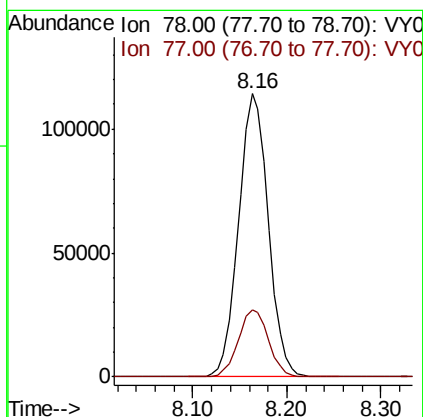
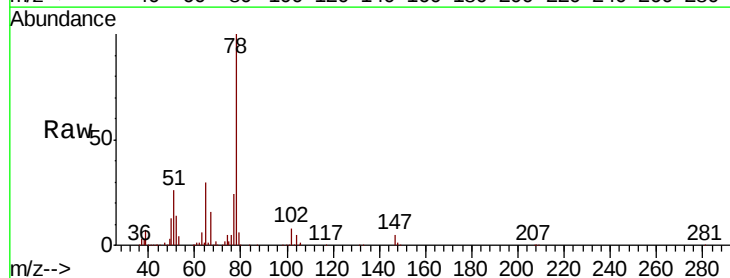
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

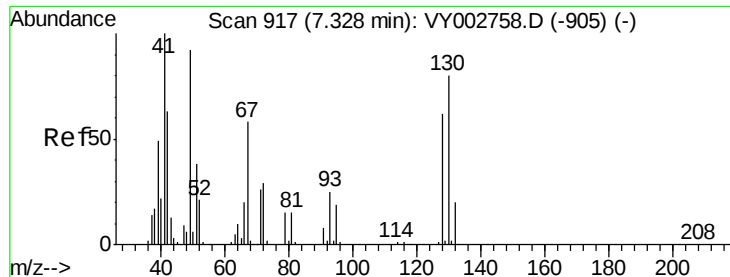
Tot Ion	83	Resp	111926
Ion Ratio	Lower	Upper	
83	100		
55	67.7	53.3	79.9
98	49.9	41.1	61.7



#40
Benzene
Concen: 20.589 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	78	Resp	250974
Ion Ratio	Lower	Upper	
78	100		
77	23.7	18.8	28.2

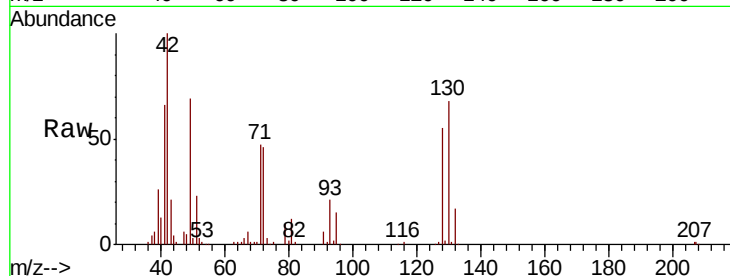




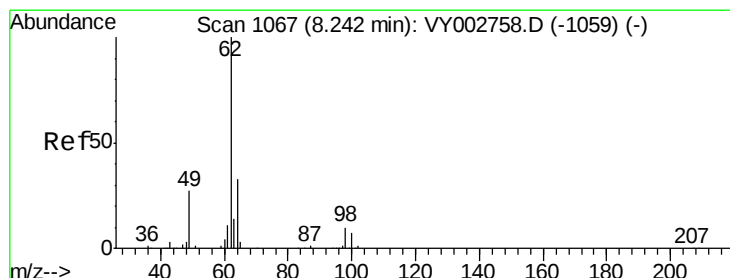
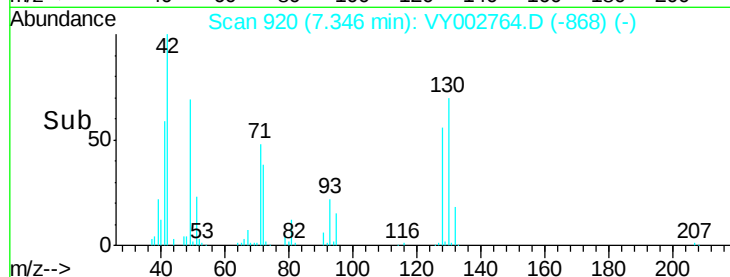
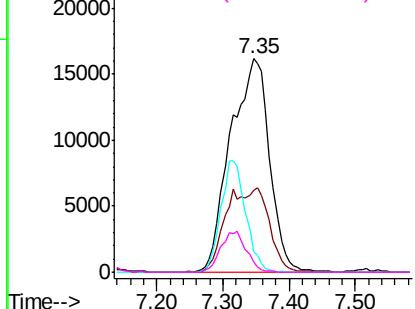
#41
Methacrylonitrile
Concen: 55.058 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion:	41	Resp:	66391
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

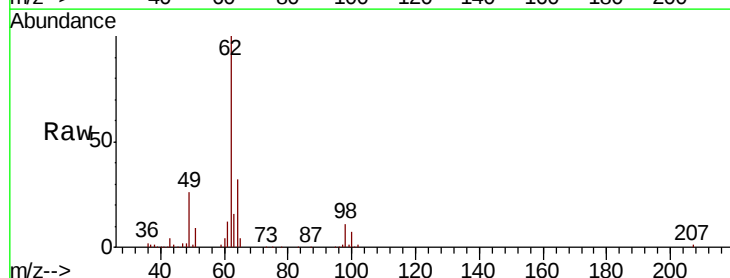


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

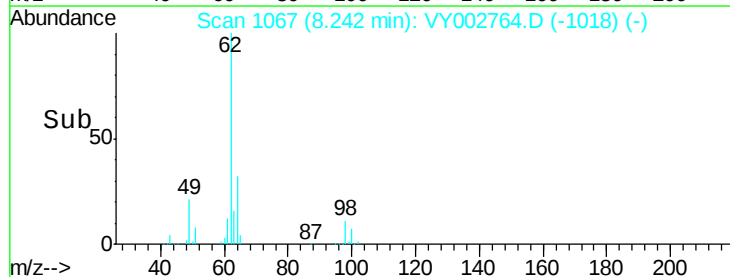
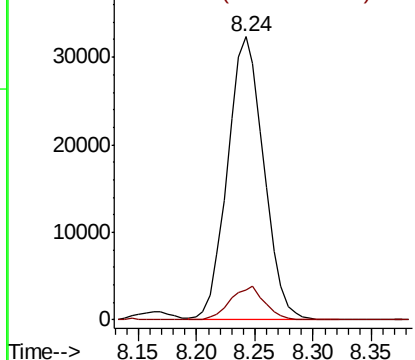


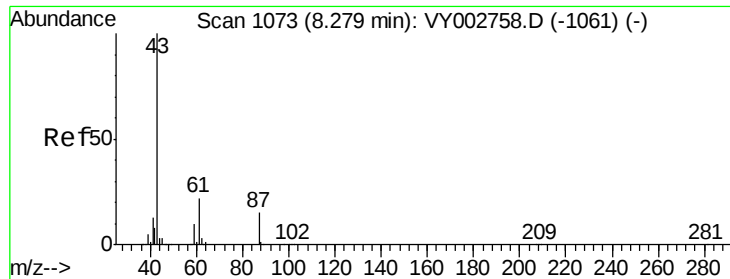
#42
1,2-Dichloroethane
Concen: 20.451 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion:	62	Resp:	69865
Ion	Ratio	Lower	Upper
62	100		
98	11.2	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: 20.729 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

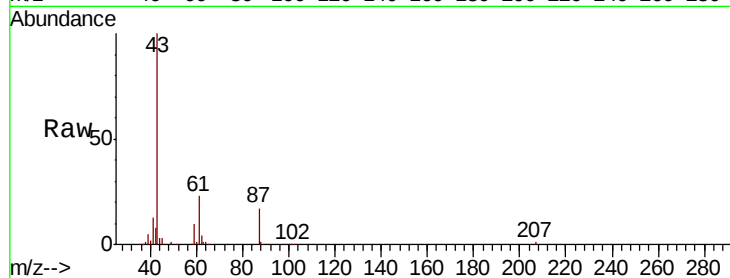
Tot Ion: 43 Resp: 88171

Ion Ratio Lower Upper

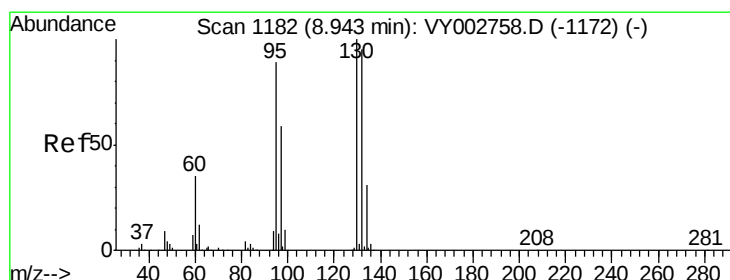
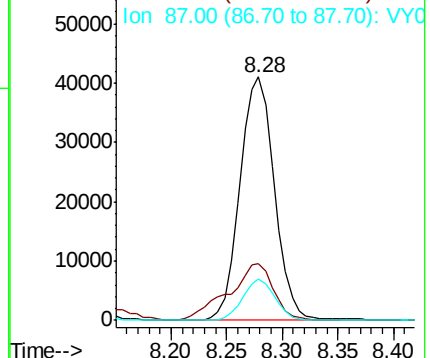
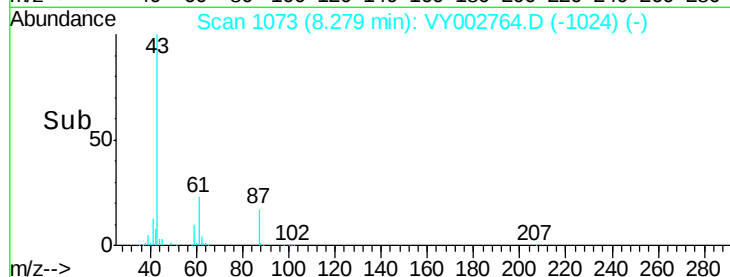
43 100

61 30.7 24.8 37.2

87 15.8 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002764.D (-1024) (-)



#44

Trichloroethene

Concen: 20.375 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002764.D

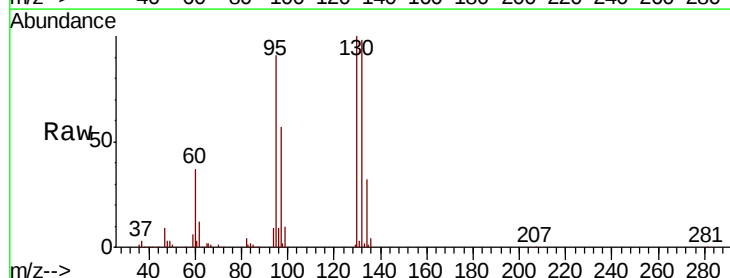
Acq: 27 May 2020 15:14

Tgt Ion: 130 Resp: 78451

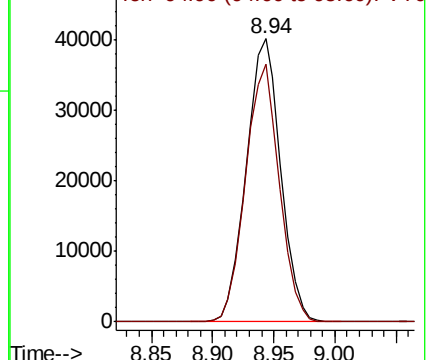
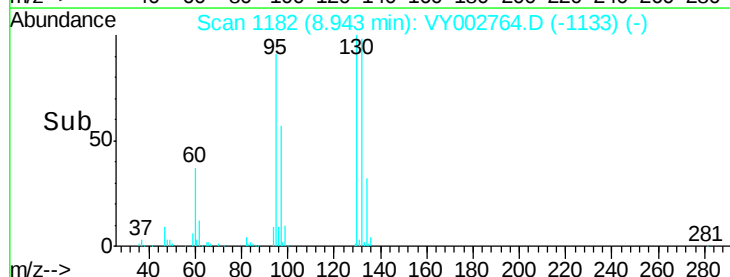
Ion Ratio Lower Upper

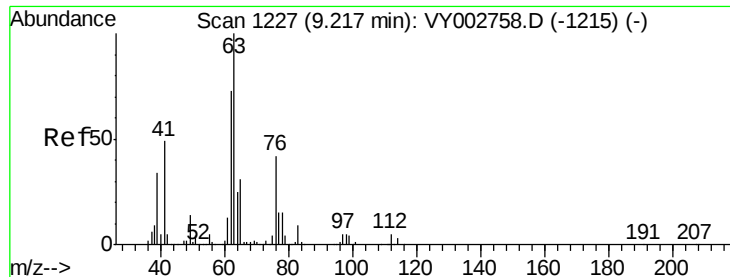
130 100

95 91.1 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002764.D (-1133) (-)

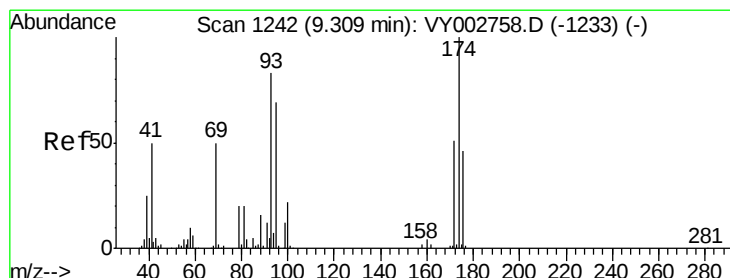
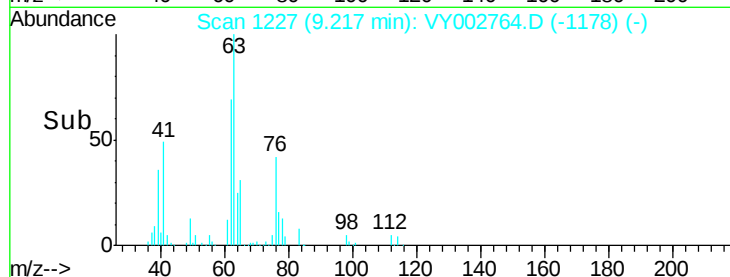
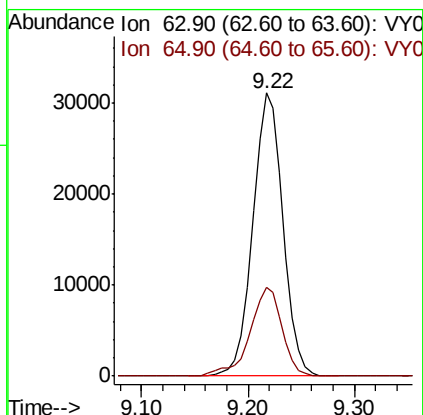
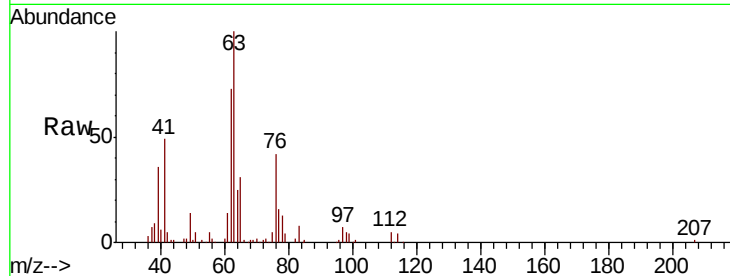




#45
 1,2-Dichloropropane
 Concen: 21.070 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

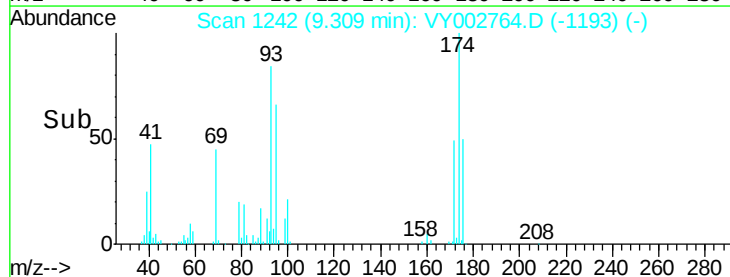
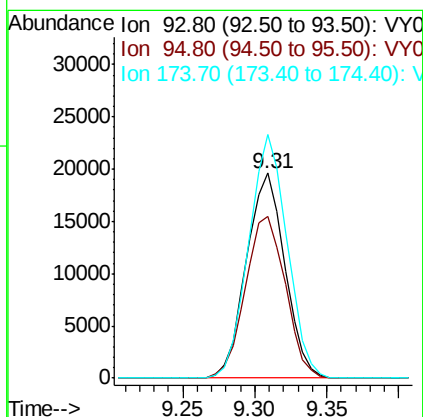
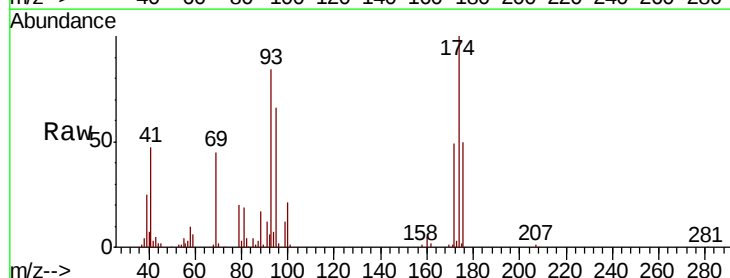
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

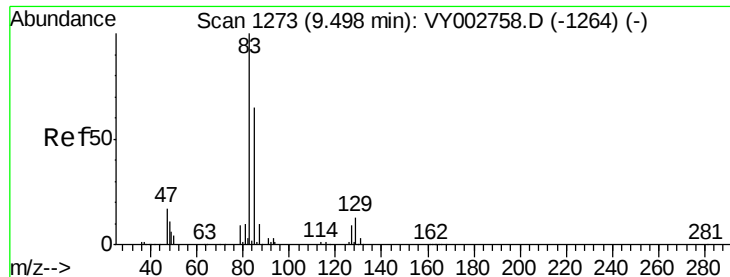
Tot Ion: 63 Resp: 61594
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.8 37.2



#46
 Dibromomethane
 Concen: 20.903 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion: 93 Resp: 36290
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.9 100.3
 174 118.2 97.7 146.5





#47

Bromodichloromethane

Concen: 20.709 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

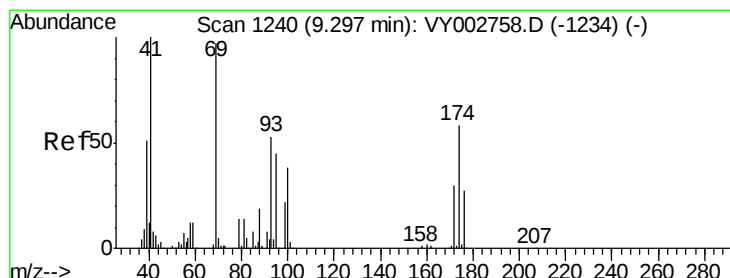
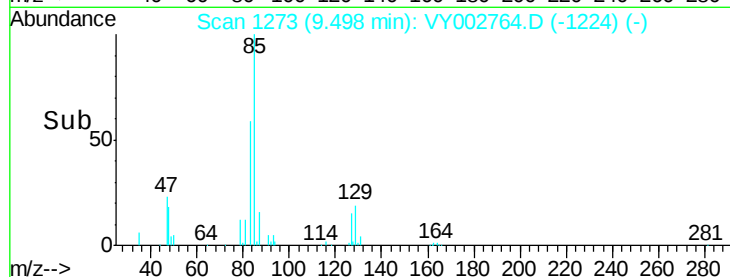
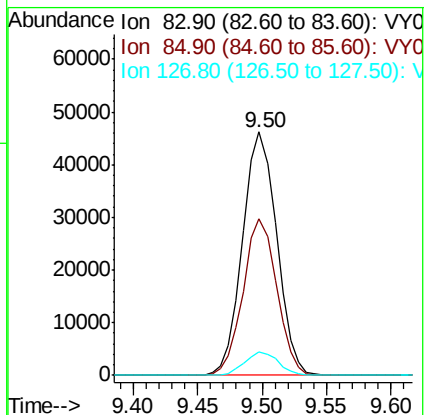
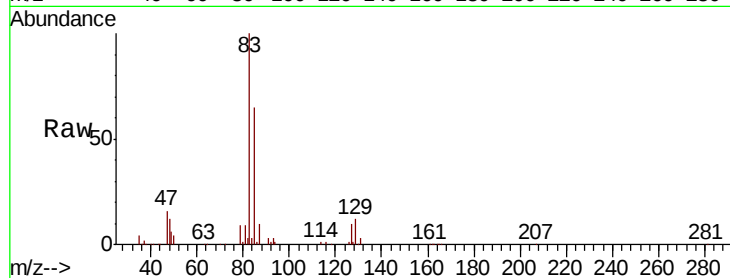
Tot Ion: 83 Resp: 84756

Ion Ratio Lower Upper

83 100

85 64.6 51.9 77.9

127 9.5 7.1 10.7



#48

Methyl methacrylate

Concen: 20.736 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

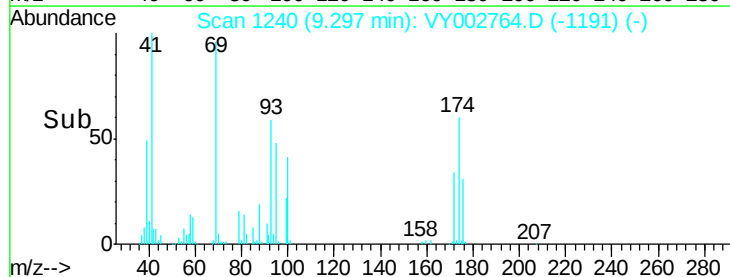
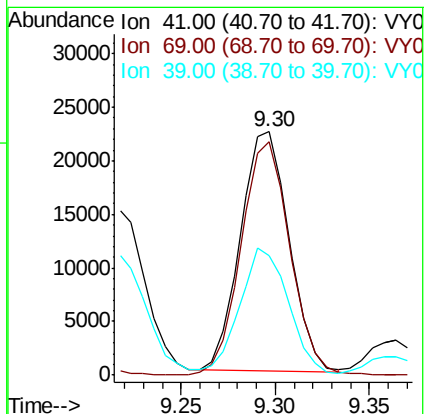
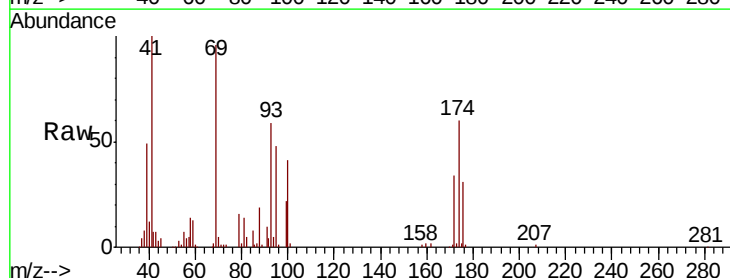
Tgt Ion: 41 Resp: 39815

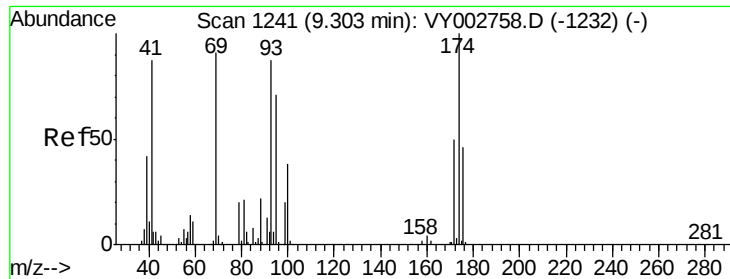
Ion Ratio Lower Upper

41 100

69 98.7 79.7 119.5

39 51.9 43.3 64.9

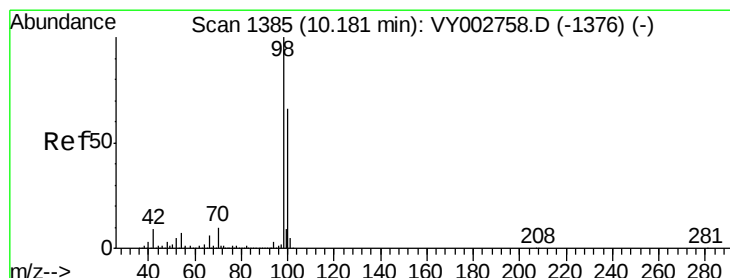
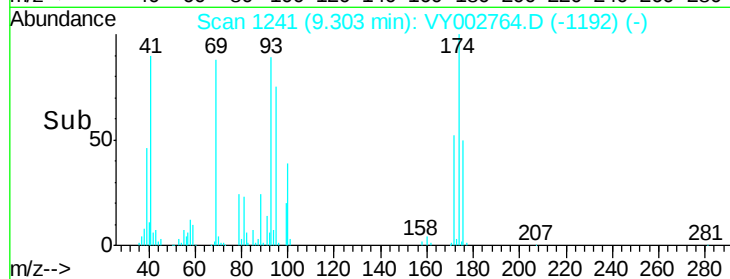
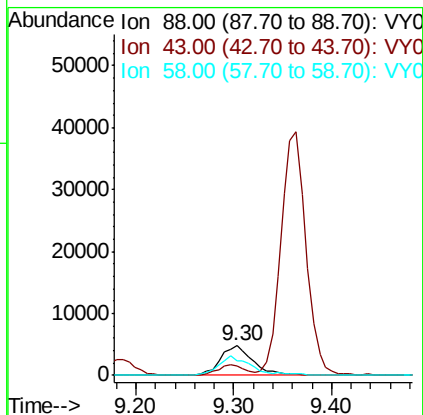
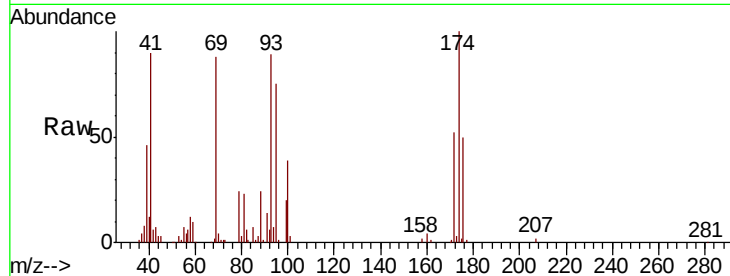




#49
1,4-Dioxane
Concen: 415.238 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

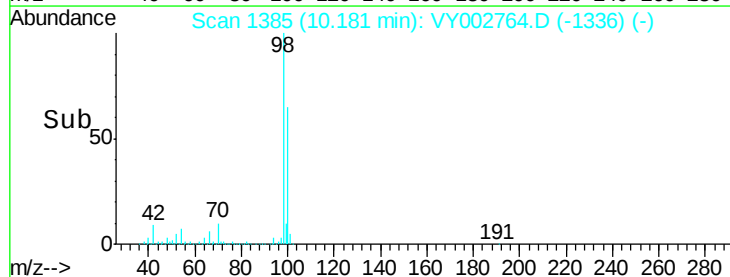
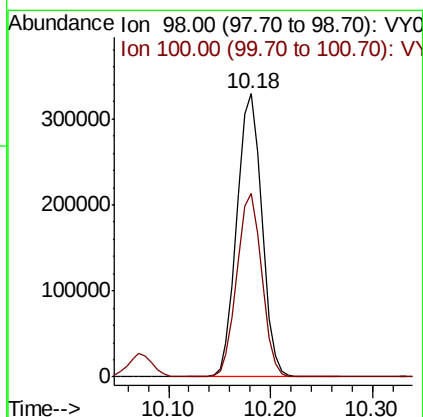
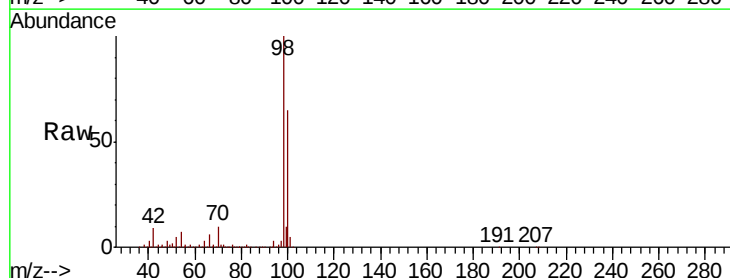
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

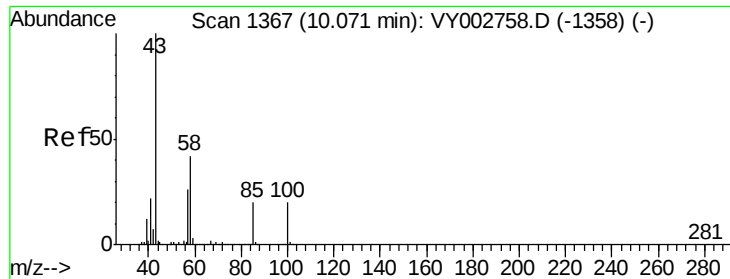
Tot Ion: 88 Resp: 11069
Ion Ratio Lower Upper
88 100
43 29.6 21.3 31.9
58 59.4 52.2 78.2



#50
Toluene-d8
Concen: 47.843 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion: 98 Resp: 555203
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2

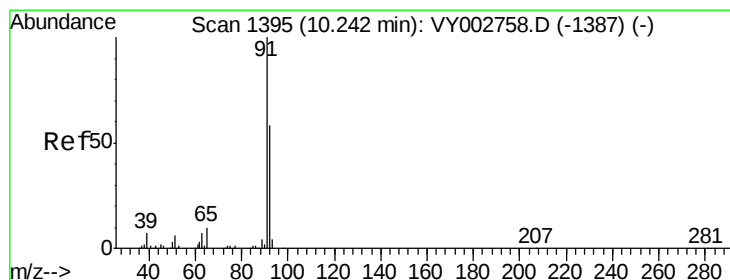
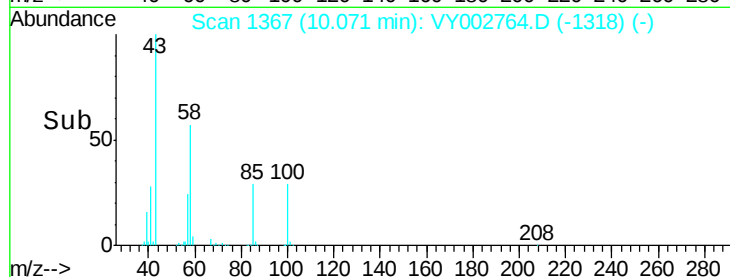
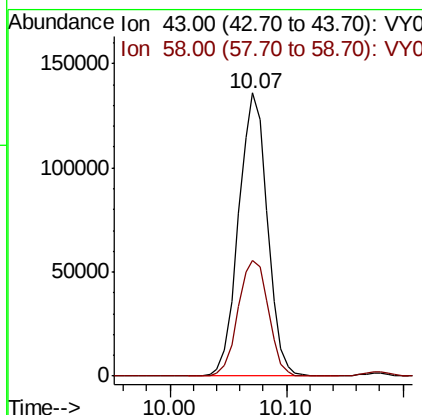
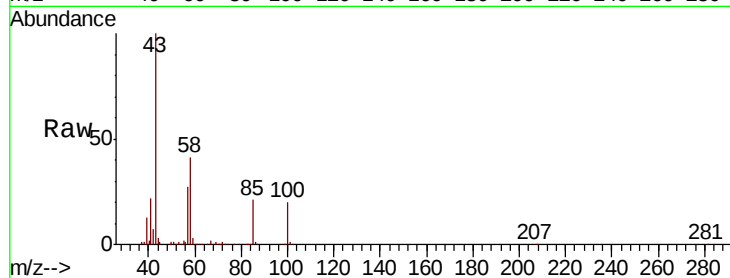




#51
4-Methyl-2-Pentanone
Concen: 104.145 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

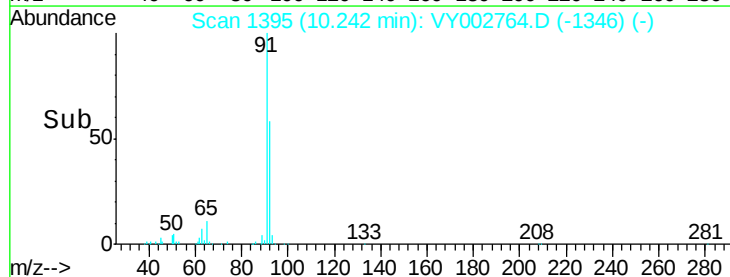
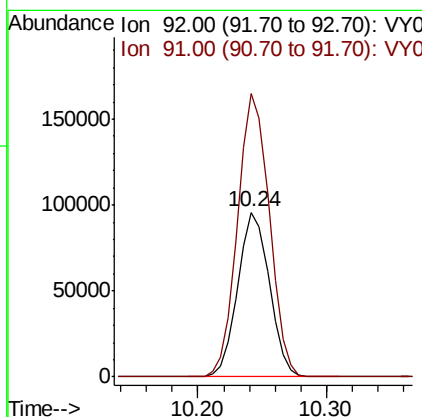
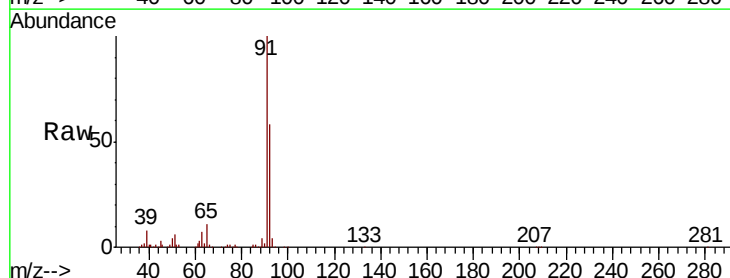
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

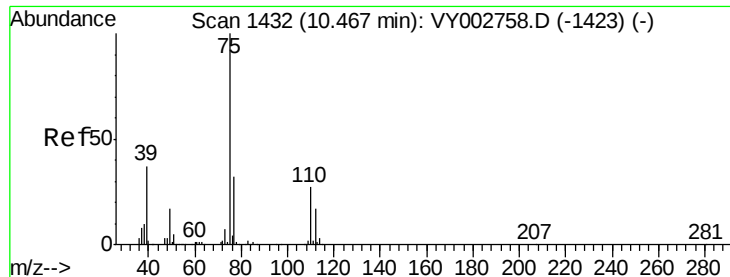
Tot Ion: 43 Resp: 234566
Ion Ratio Lower Upper
43 100
58 43.0 34.2 51.2



#52
Toluene
Concen: 20.402 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion: 92 Resp: 162693
Ion Ratio Lower Upper
92 100
91 173.5 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 20.777 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

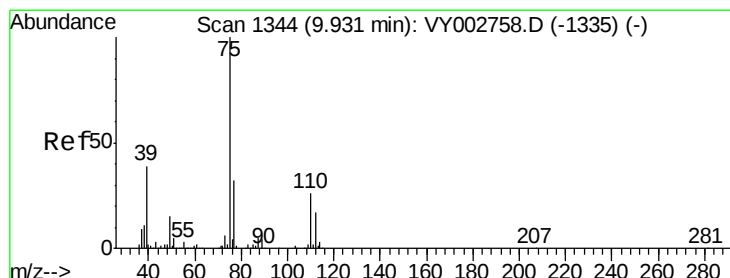
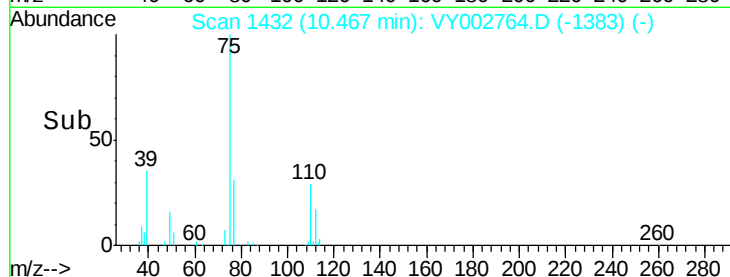
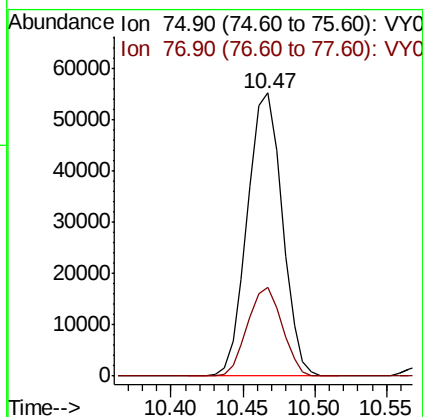
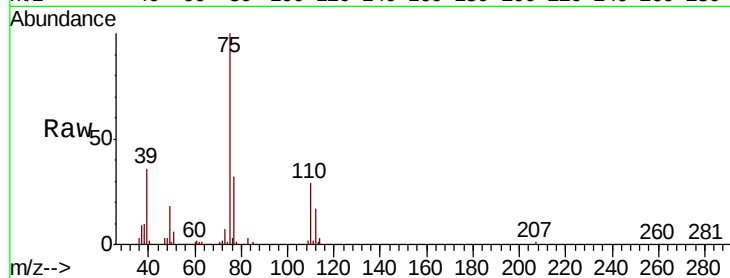
VY0527SBS01

Tot Ion: 75 Resp: 92878

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 20.597 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

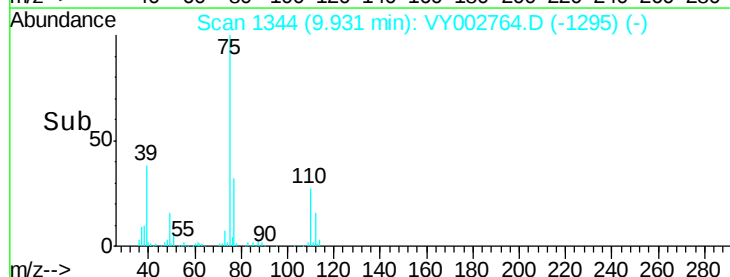
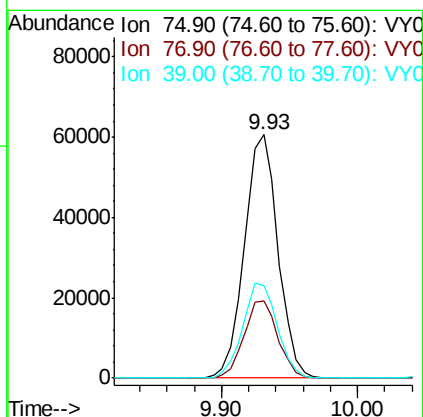
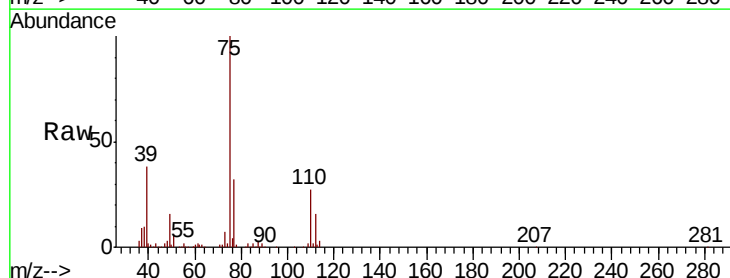
Tgt Ion: 75 Resp: 104333

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 38.0 31.3 46.9





#55

1,1,2-Trichloroethane

Concen: 20.418 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBSD01

Tot Ion: 97 Resp: 54269

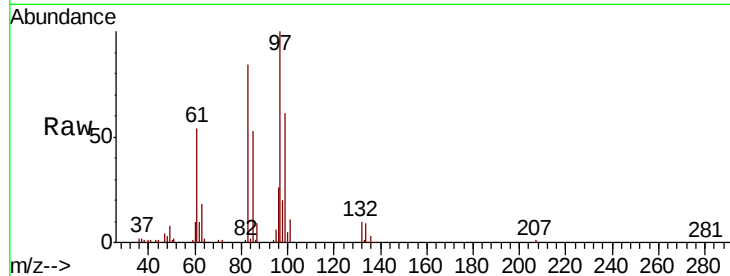
Ion Ratio Lower Upper

97 100

83 83.9 62.7 94.1

85 52.8 40.6 60.8

99 61.5 48.2 72.4

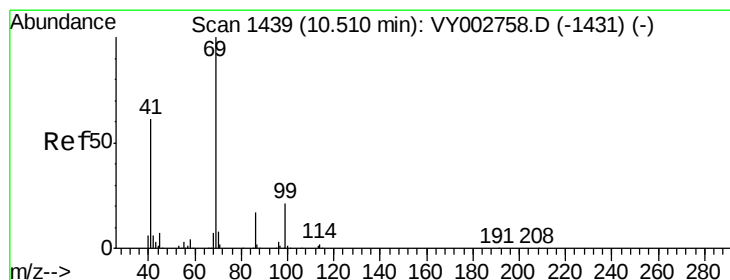
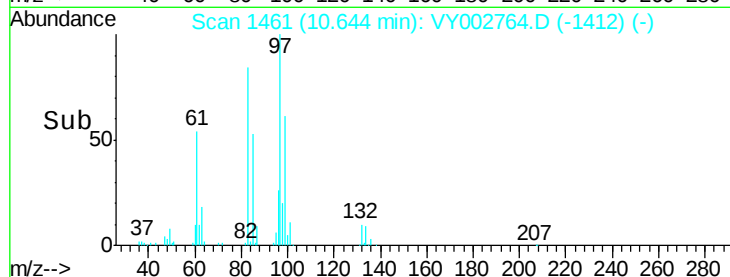
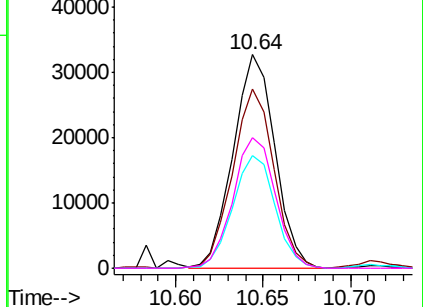


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 21.085 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

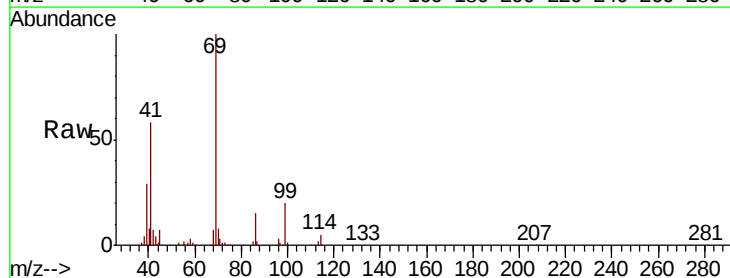
Tgt Ion: 69 Resp: 75061

Ion Ratio Lower Upper

69 100

41 57.3 47.0 70.4

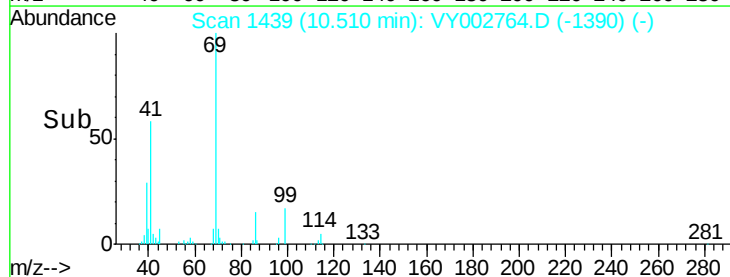
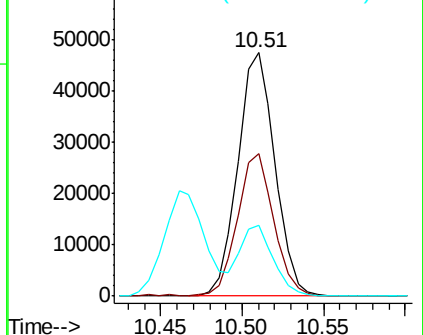
39 26.2 22.0 33.0



Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 20.534 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

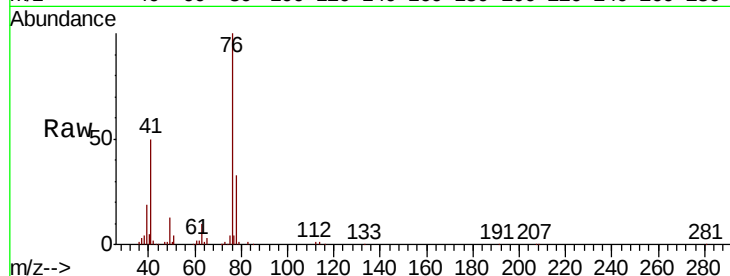
VY0527SBS01

Tot Ion: 76 Resp: 89766

Ion Ratio Lower Upper

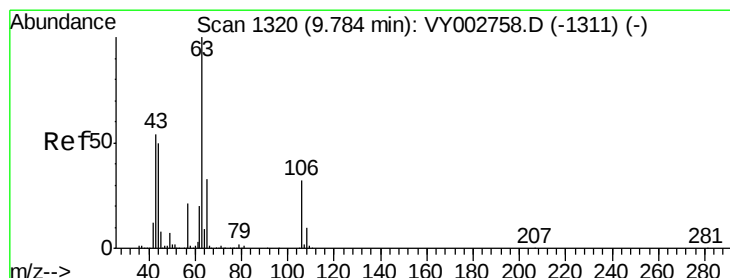
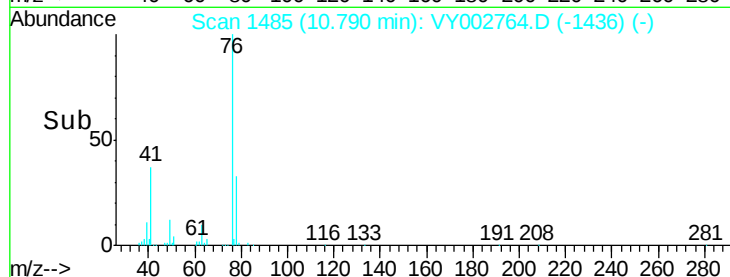
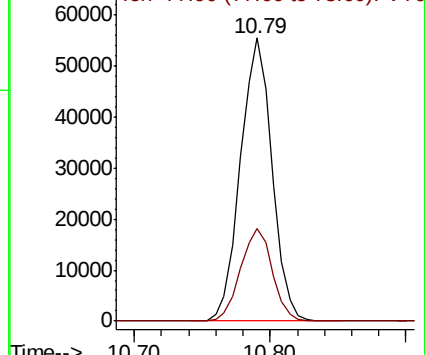
76 100

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: 104.825 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002764.D

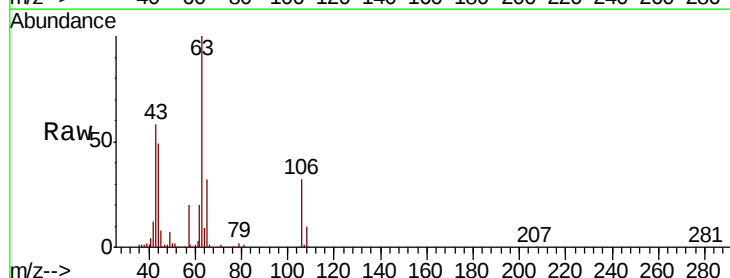
Acq: 27 May 2020 15:14

Tgt Ion: 63 Resp: 182344

Ion Ratio Lower Upper

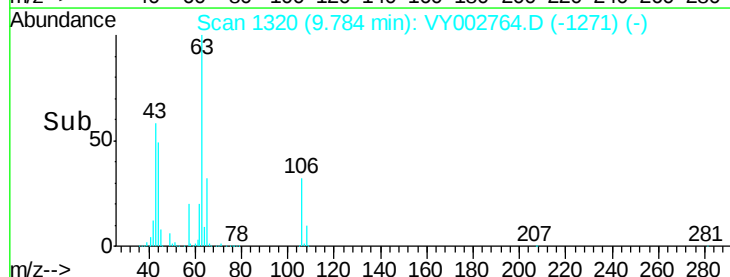
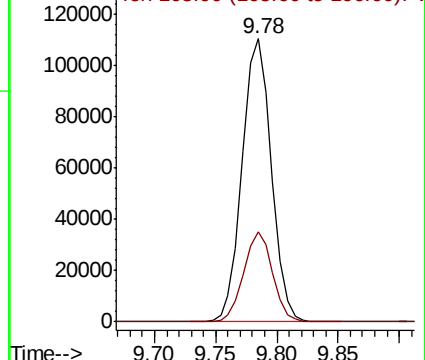
63 100

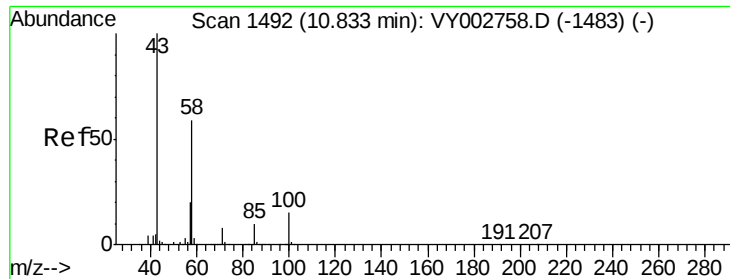
106 31.4 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

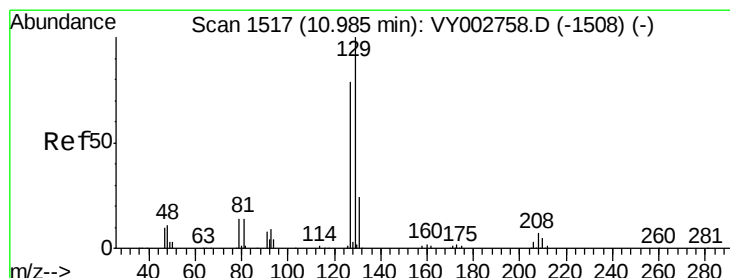
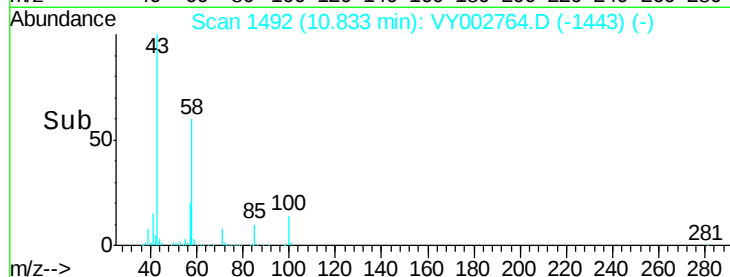
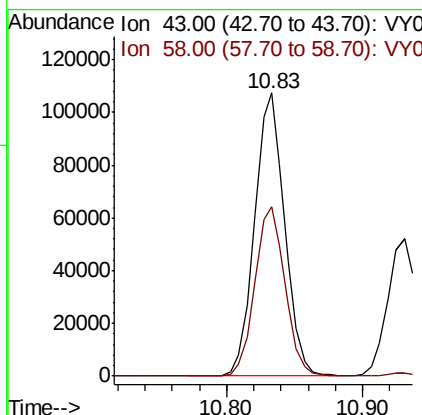
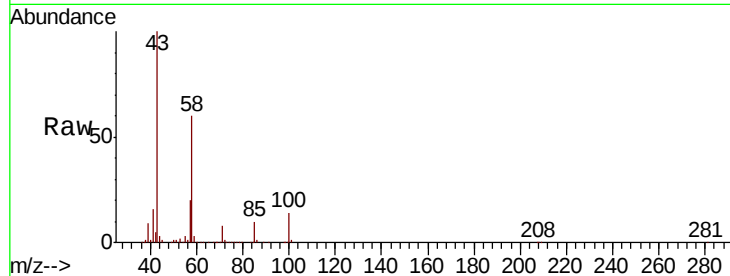




#59
2-Hexanone
Concen: 104.187 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

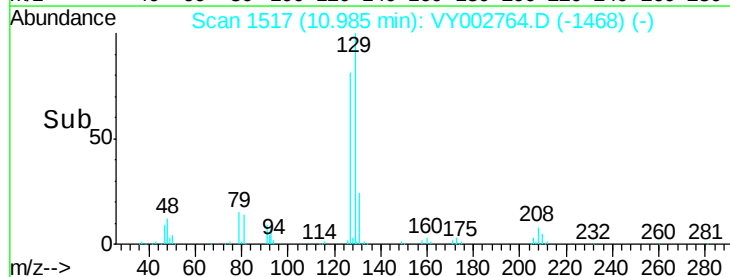
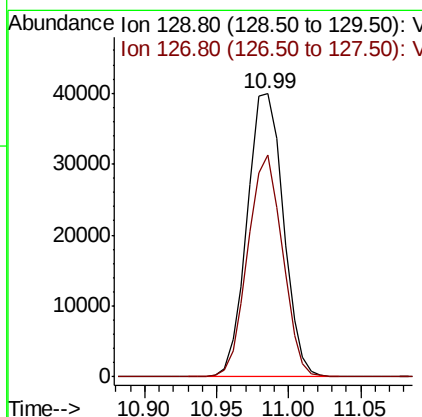
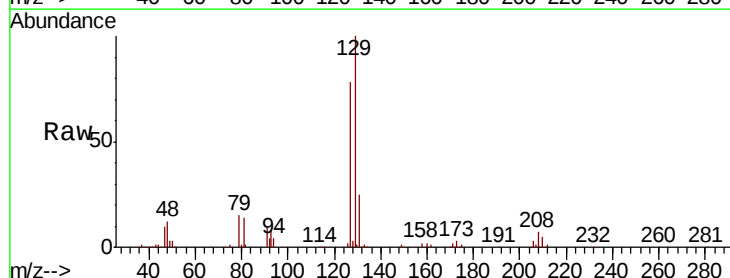
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

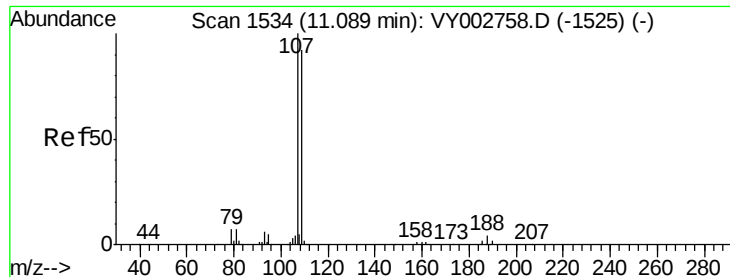
Tot Ion: 43 Resp: 166498
Ion Ratio Lower Upper
43 100
58 59.9 29.5 88.5



#60
Dibromochloromethane
Concen: 20.601 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion: 129 Resp: 69418
Ion Ratio Lower Upper
129 100
127 75.2 38.5 115.3

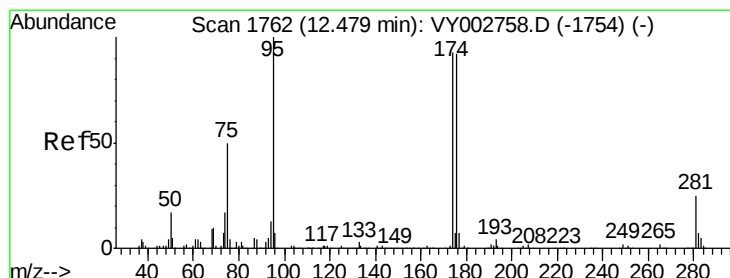
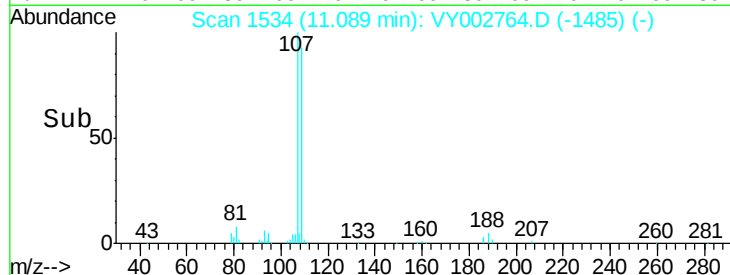
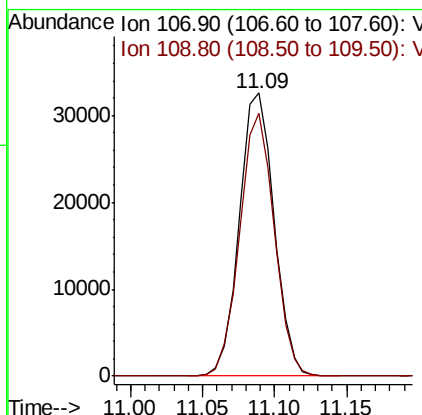
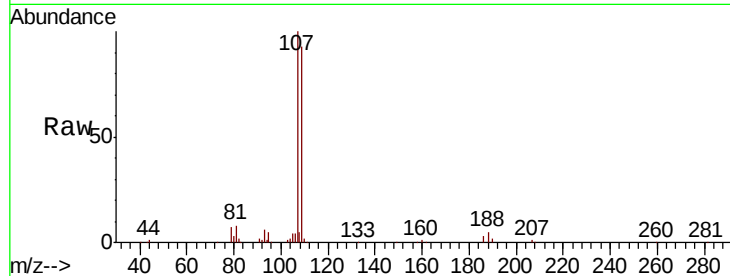




#61
 1,2-Dibromoethane
 Concen: 20.756 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

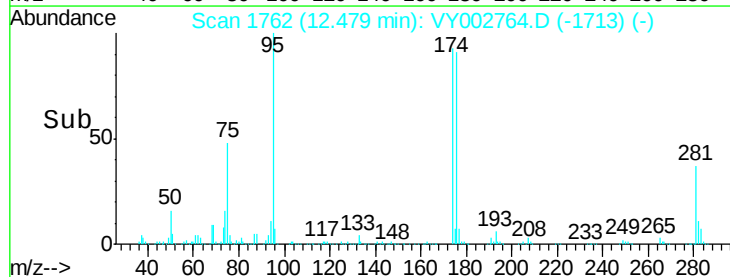
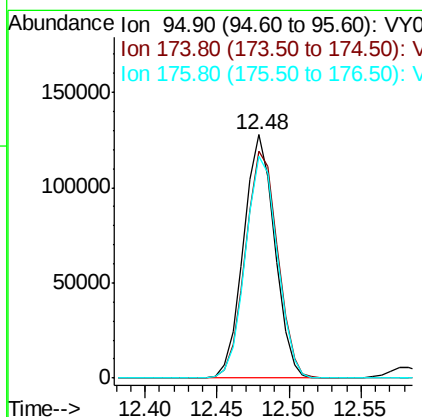
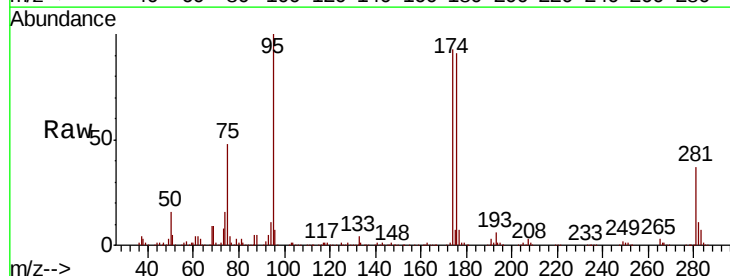
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

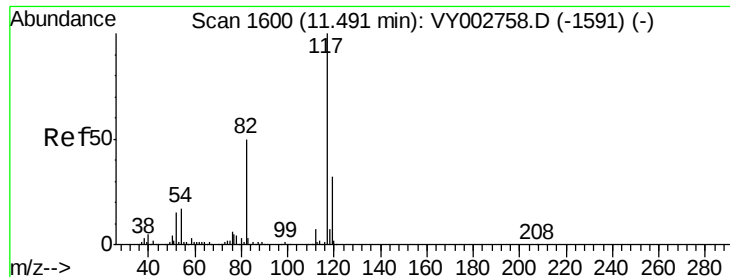
Tot Ion:107 Resp: 54419
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.342 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion: 95 Resp: 191719
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 191.2
 176 93.0 0.0 188.8

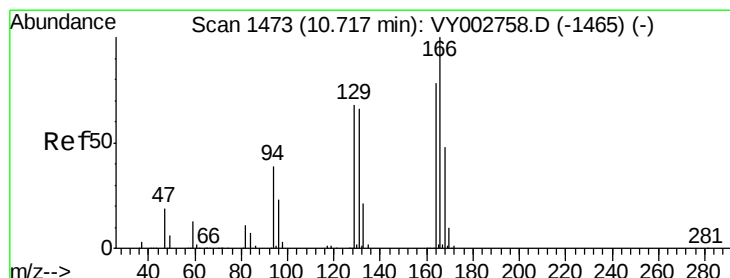
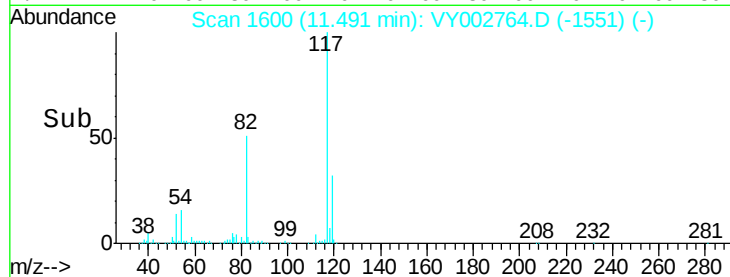
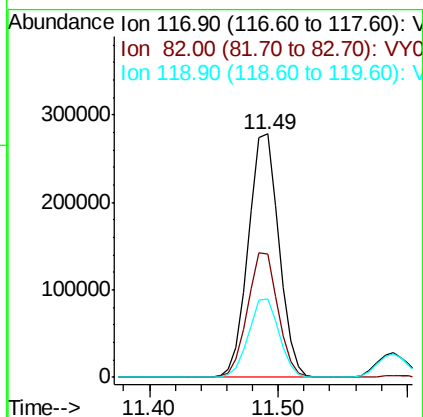
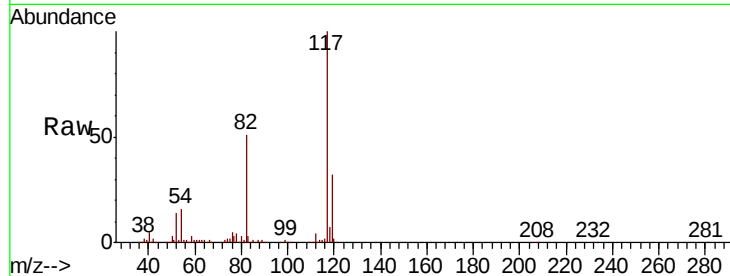




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

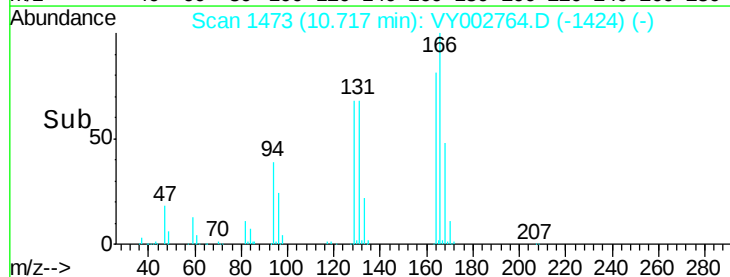
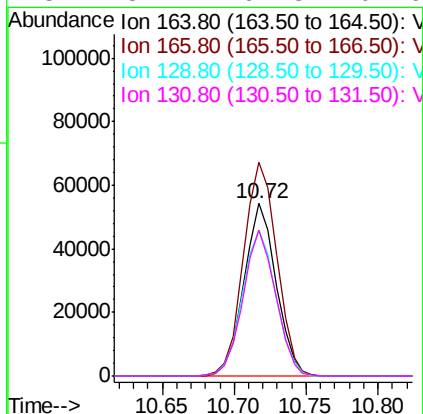
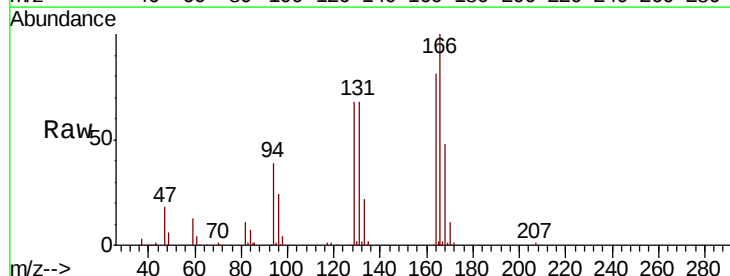
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

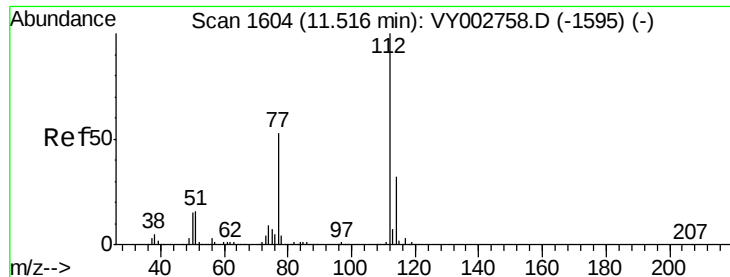
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.5	40.2	60.4
119	32.3	25.8	38.8



#64
Tetrachloroethene
Concen: 20.255 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	102.3	153.5
129	84.4	69.4	104.2
131	84.7	67.8	101.6

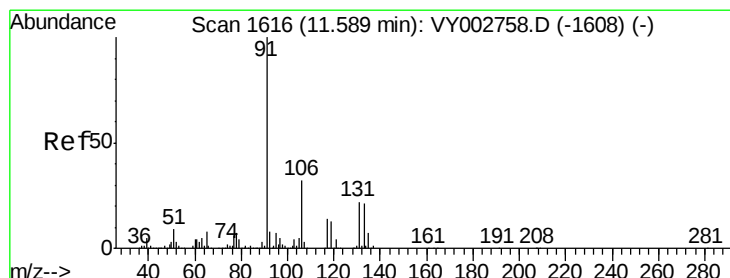
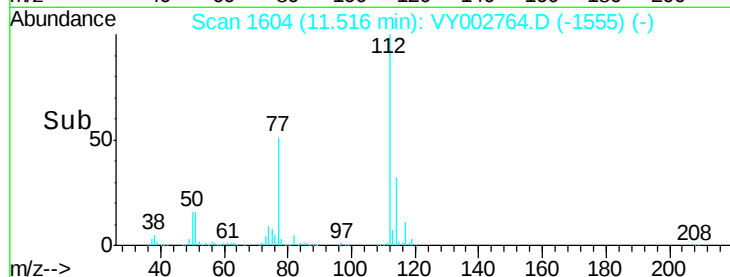
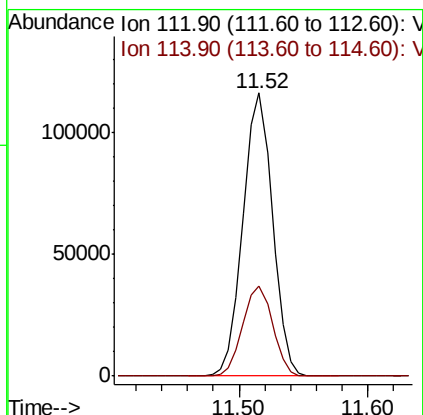
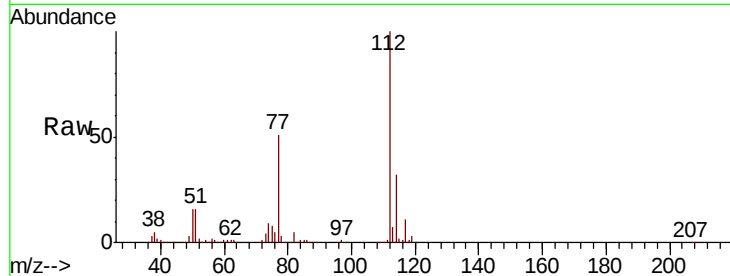




#65
Chlorobenzene
Concen: 20.458 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

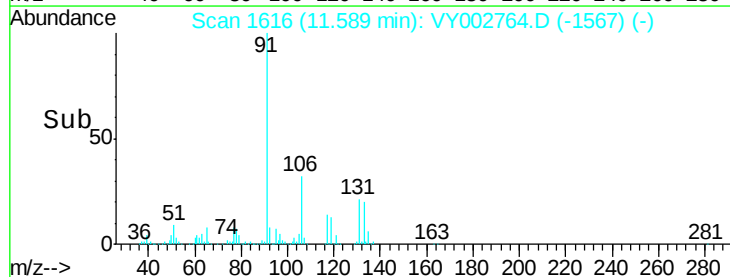
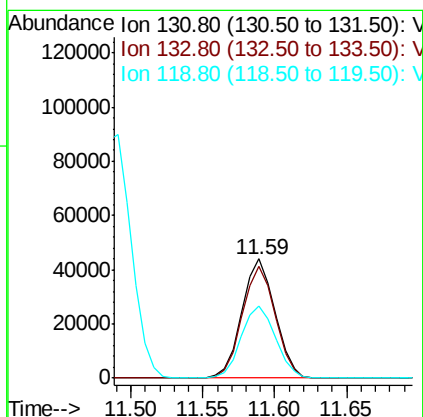
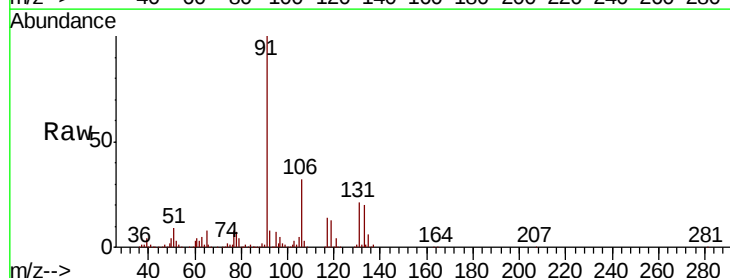
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion:112 Resp: 183881
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.707 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion:131 Resp: 70095
Ion Ratio Lower Upper
131 100
133 93.9 47.6 142.8
119 62.7 31.7 95.1





#67

Ethyl Benzene

Concen: 20.471 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

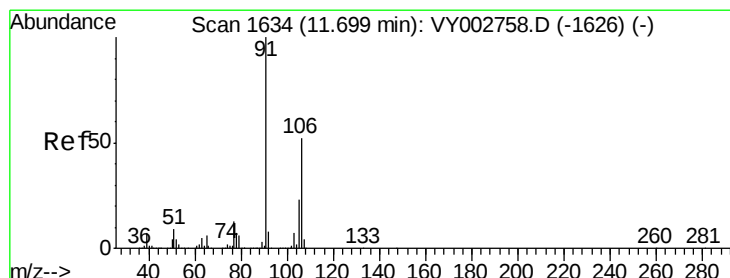
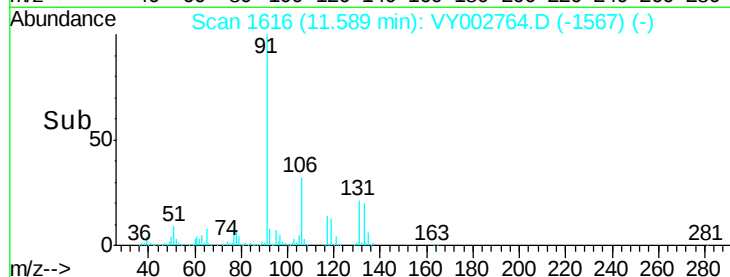
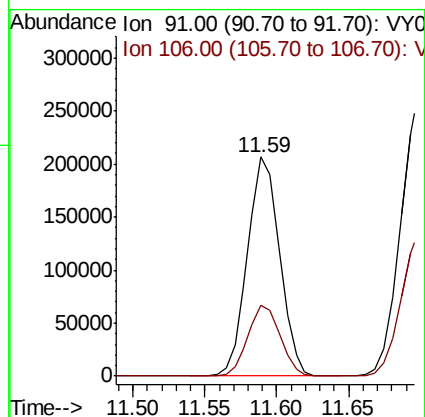
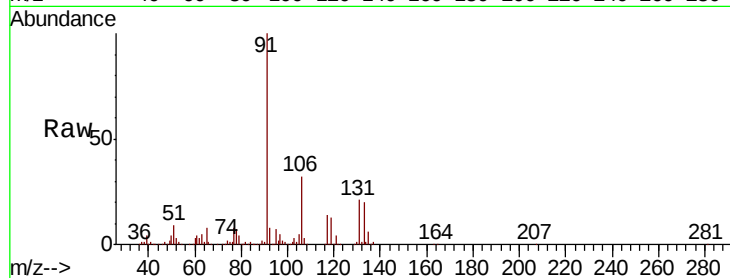
VY0527SBS01

Tot Ion: 91 Resp: 318982

Ion Ratio Lower Upper

91 100

106 32.2 25.7 38.5



#68

m/p-Xylenes

Concen: 40.748 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002764.D

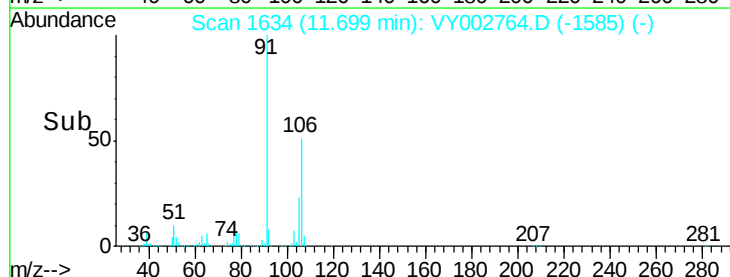
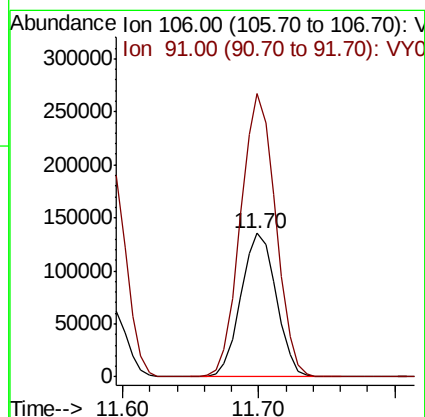
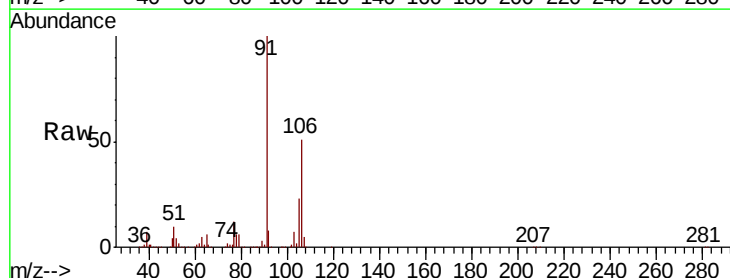
Acq: 27 May 2020 15:14

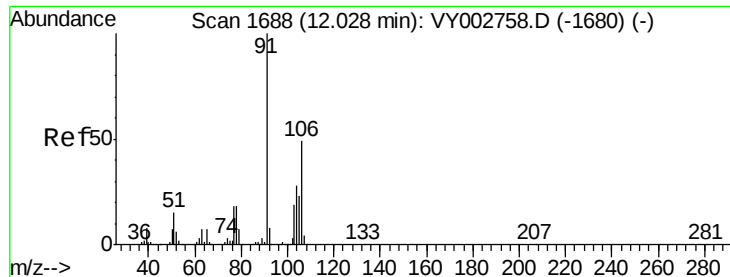
Tgt Ion: 106 Resp: 246176

Ion Ratio Lower Upper

106 100

91 195.4 156.0 234.0

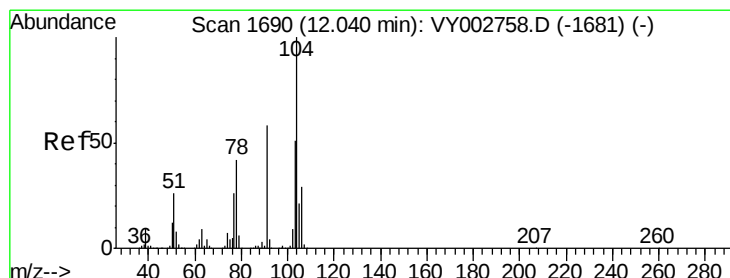
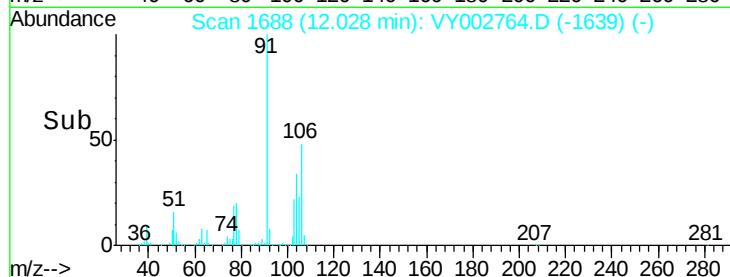
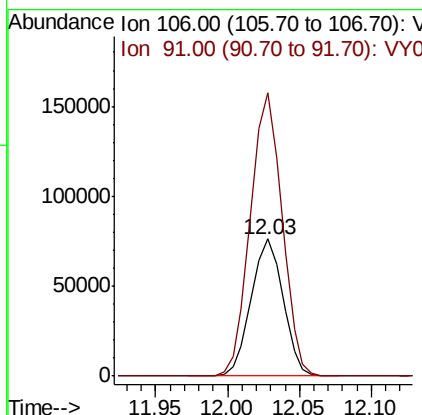
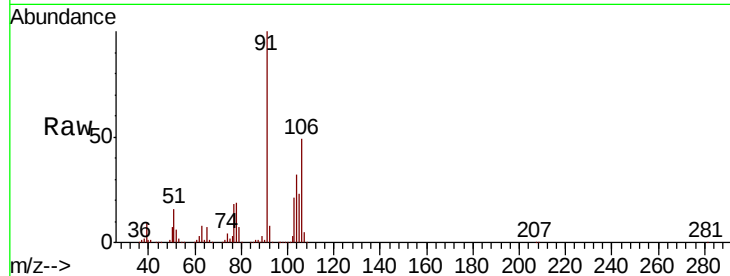




#69
o-Xylene
Concen: 20.578 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

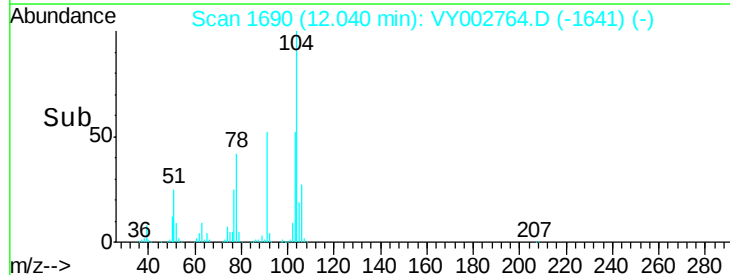
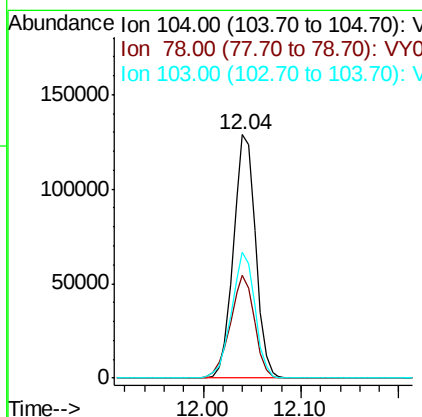
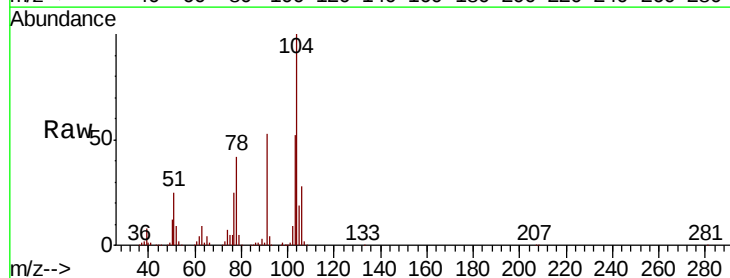
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

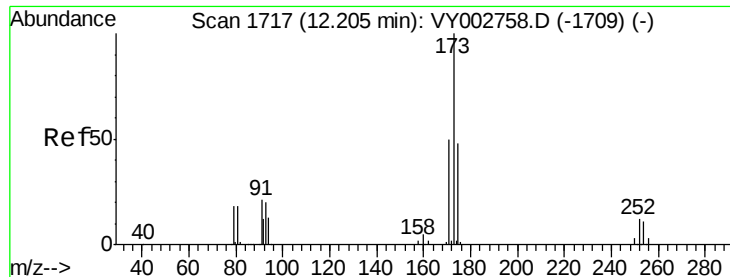
Tot Ion:106 Resp: 117363
Ion Ratio Lower Upper
106 100
91 204.6 102.4 307.1



#70
Styrene
Concen: 20.457 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion:104 Resp: 202259
Ion Ratio Lower Upper
104 100
78 45.9 36.2 54.4
103 54.7 43.6 65.4





#71

Bromoform

Concen: 20.531 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

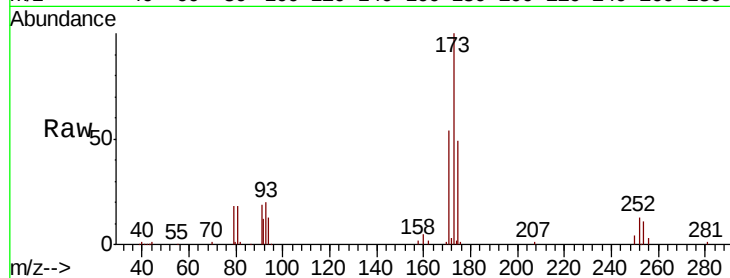
Tot Ion:173 Resp: 46505

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

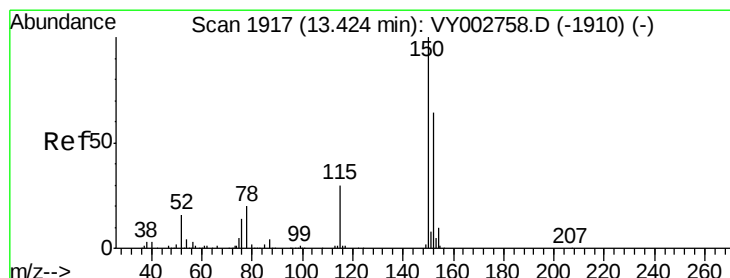
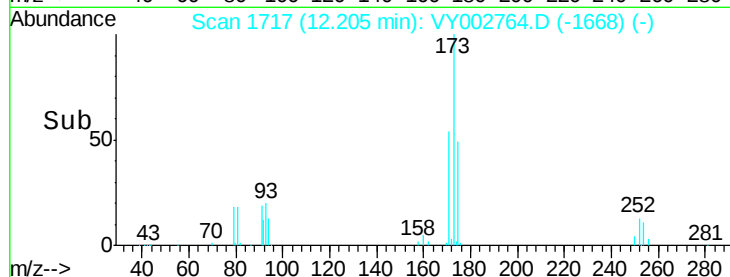
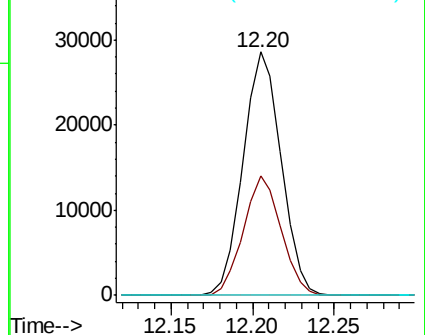
254 0.0 0.1 0.1#



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: VY002764.D

Acq: 27 May 2020 15:14

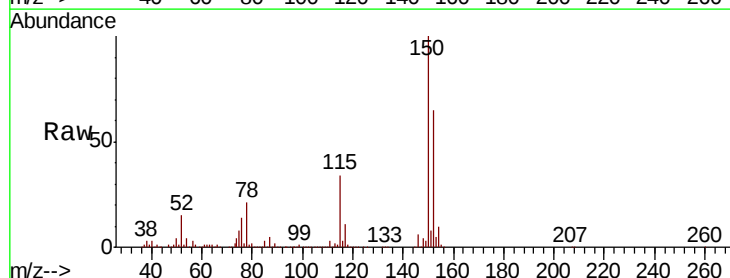
Tgt Ion:152 Resp: 242598

Ion Ratio Lower Upper

152 100

115 54.0 27.0 81.0

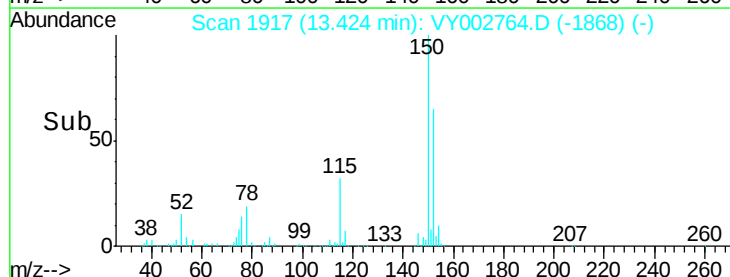
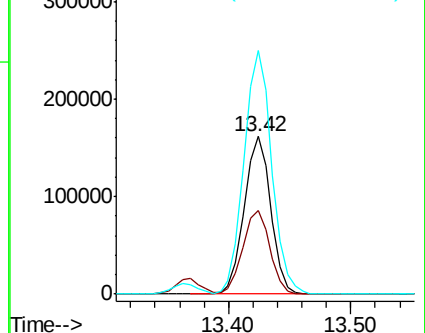
150 162.3 0.0 344.8

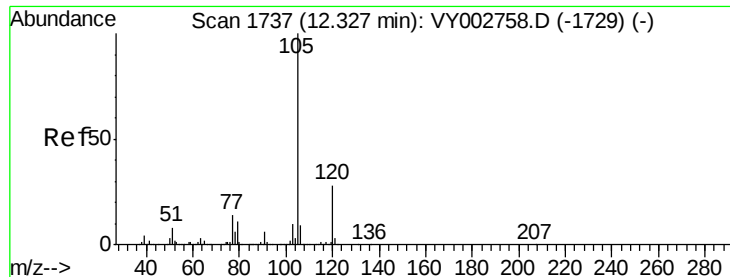


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.616 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

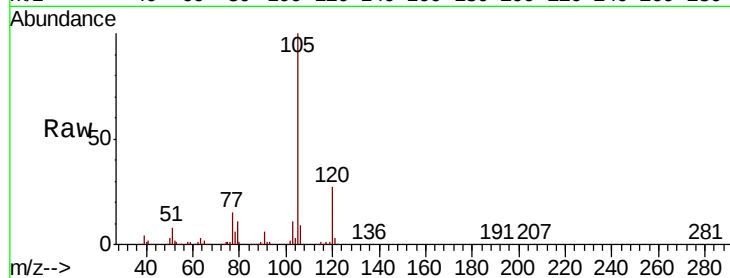
VY0527SBS01

Tot Ion: 105 Resp: 320505

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

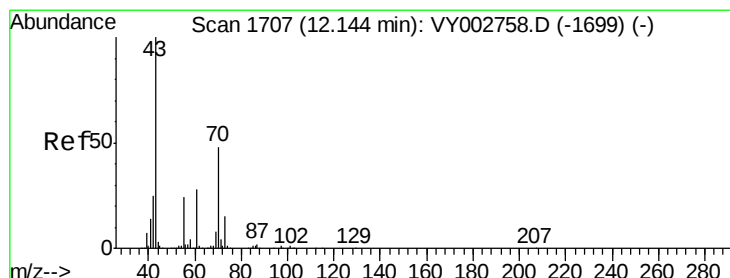
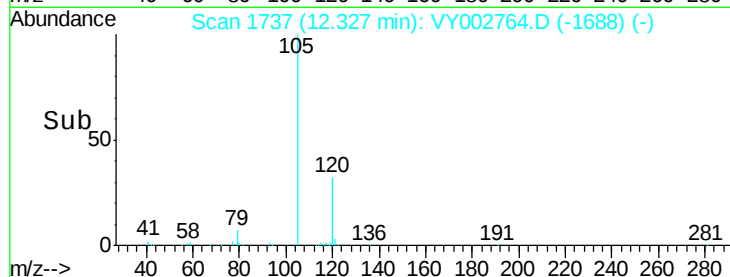
50000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 20.913 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Tgt Ion: 43 Resp: 83423

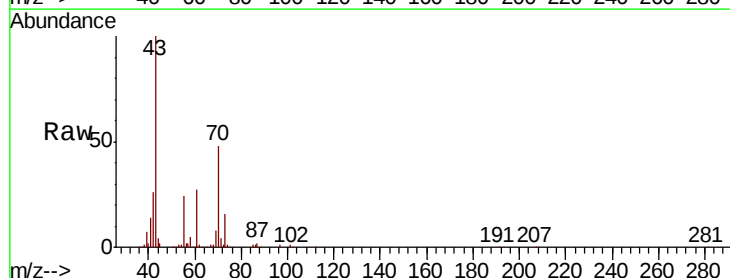
Ion Ratio Lower Upper

43 100

70 47.4 37.7 56.5

55 24.6 19.8 29.6

61 27.3 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

80000

60000

40000

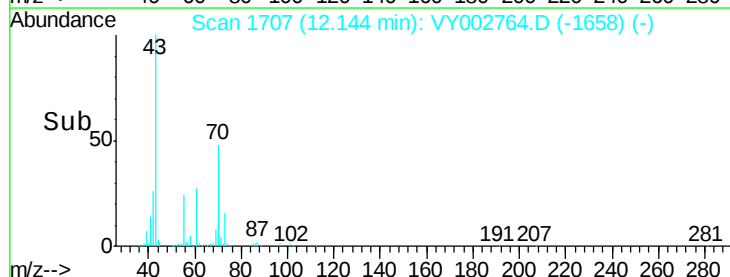
20000

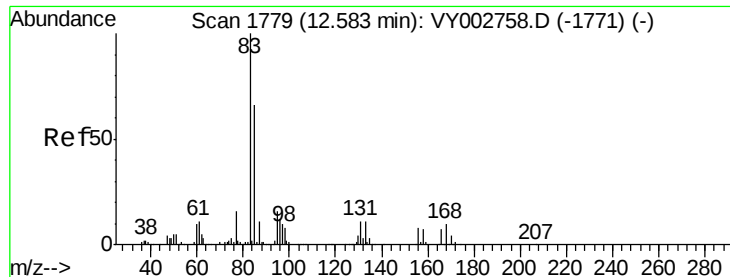
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.081 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBSD01

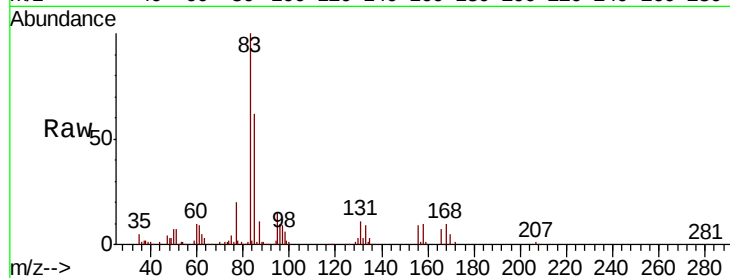
Tot Ion: 83 Resp: 57504

Ion Ratio Lower Upper

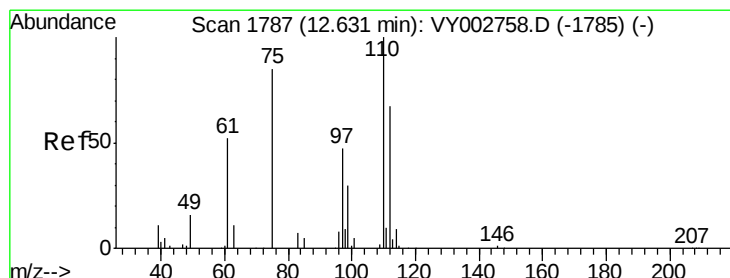
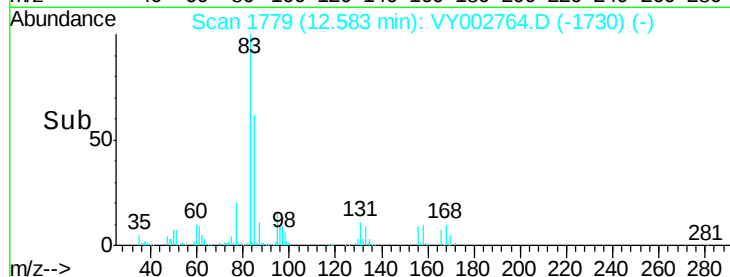
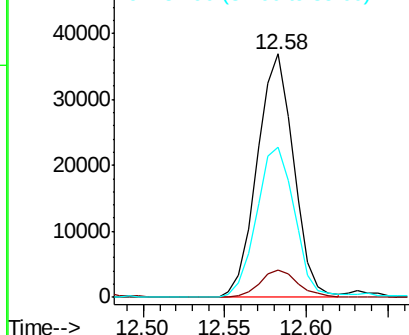
83 100

131 11.8 5.8 17.4

85 64.4 32.6 98.0



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



#76

1,2,3-Trichloropropane

Concen: 38.682 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002764.D

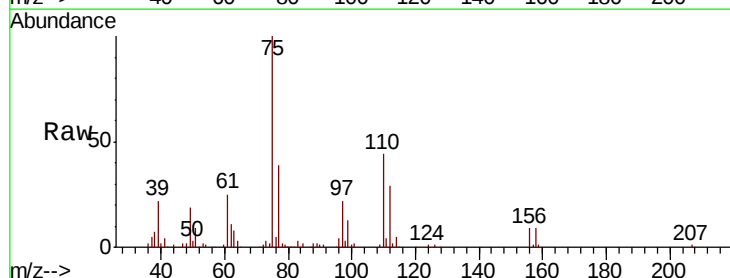
Acq: 27 May 2020 15:14

Tgt Ion: 75 Resp: 84558

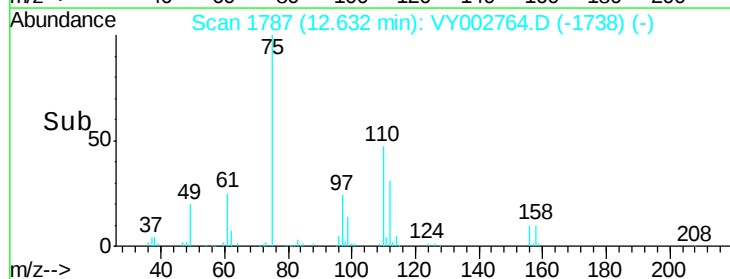
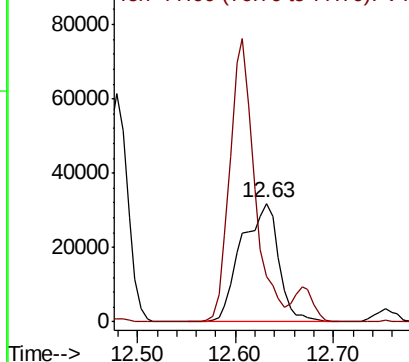
Ion Ratio Lower Upper

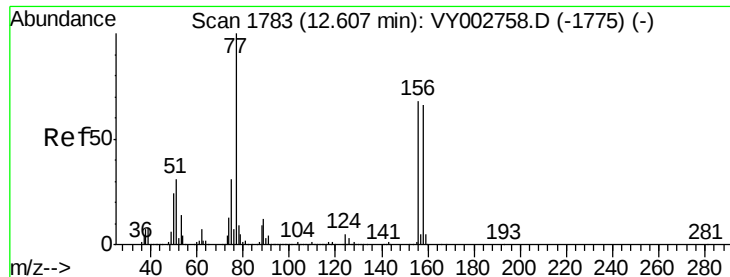
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.051 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

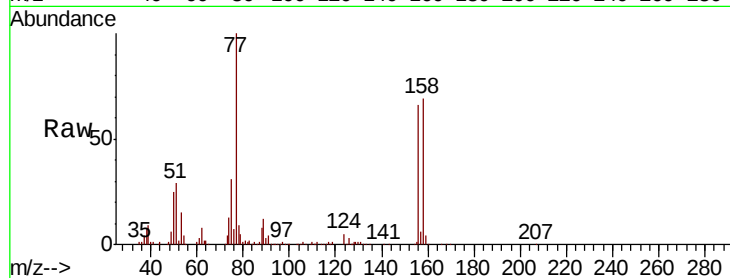
Tot Ion:156 Resp: 81168

Ion Ratio Lower Upper

156 100

77 166.2 81.4 244.2

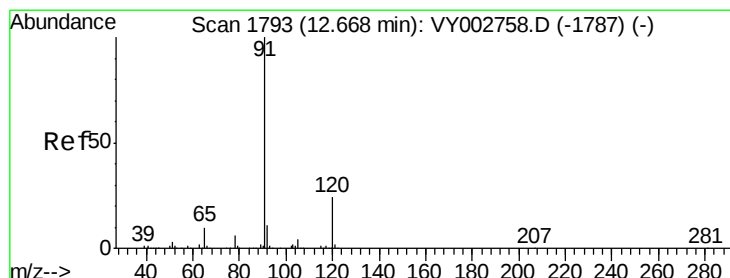
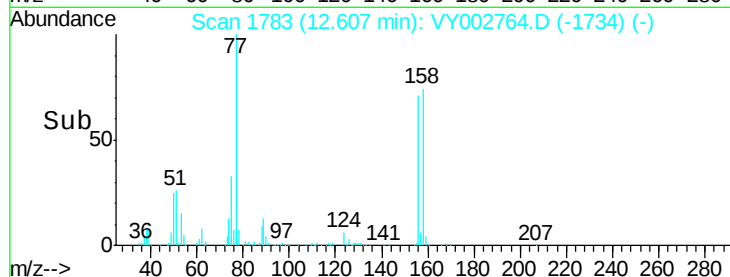
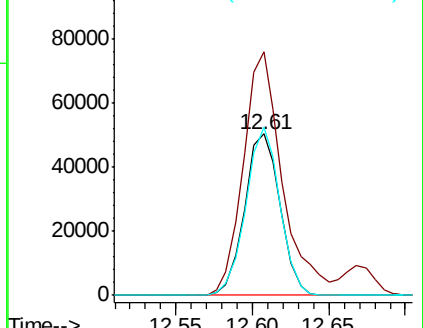
158 99.7 48.5 145.6



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: 20.840 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002764.D

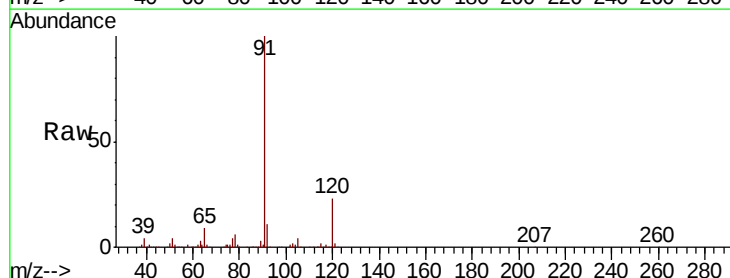
Acq: 27 May 2020 15:14

Tgt Ion: 91 Resp: 374247

Ion Ratio Lower Upper

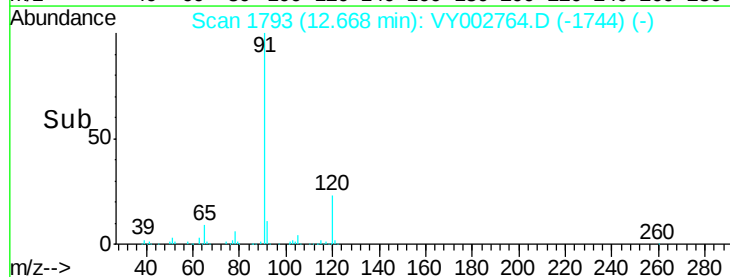
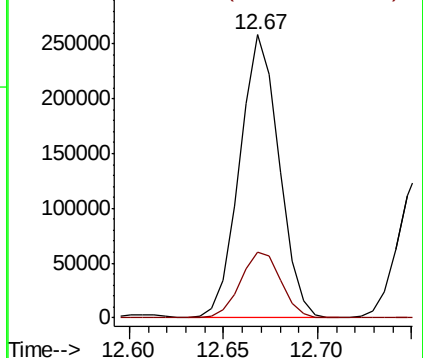
91 100

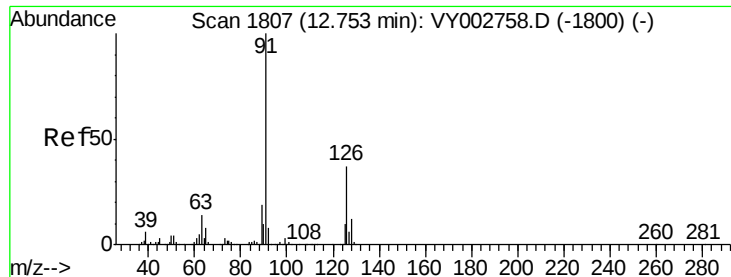
120 24.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

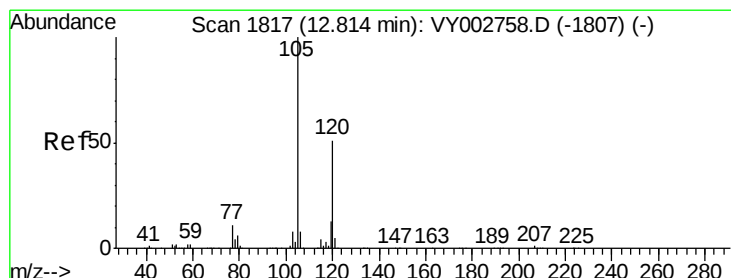
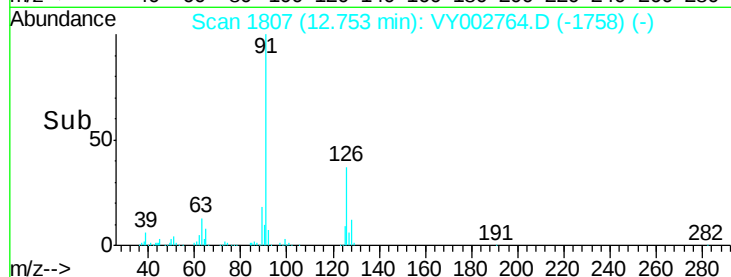
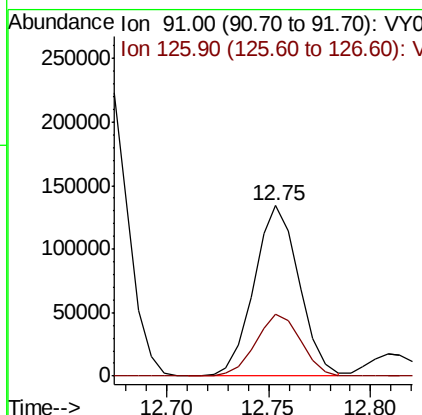
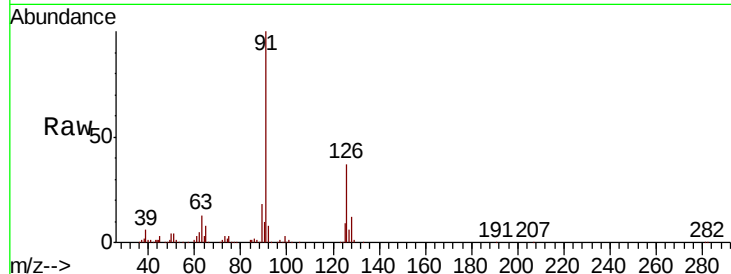




#79
 2-Chlorotoluene
 Concen: 20.429 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

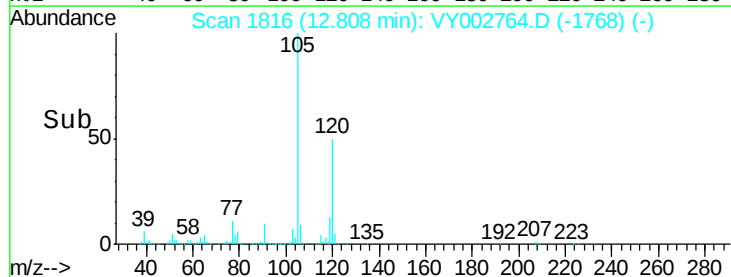
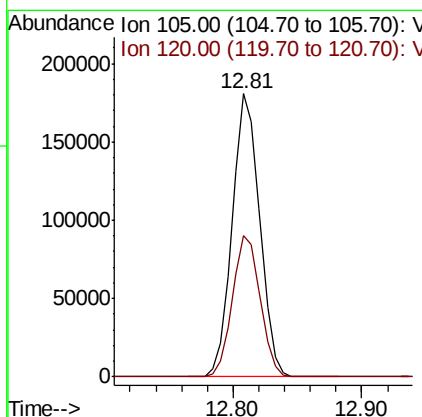
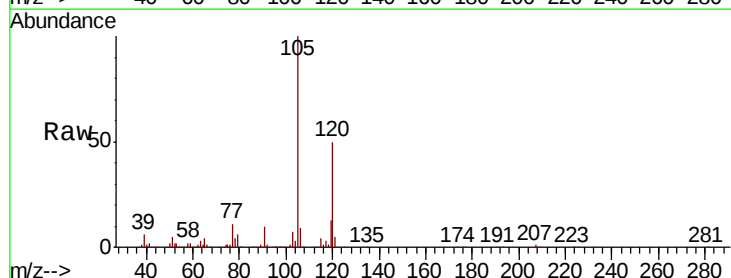
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion: 91 Resp: 205795
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.692 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion: 105 Resp: 268596
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.833 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

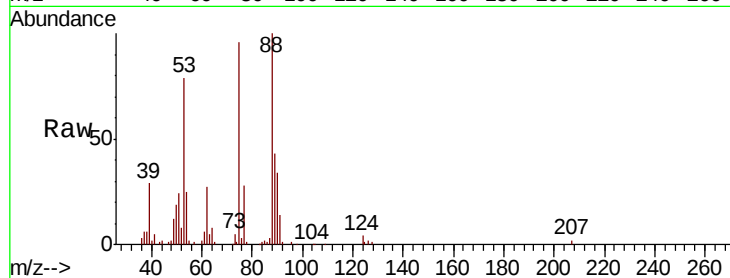
Tot Ion: 75 Resp: 24172

Ion Ratio Lower Upper

75 100

53 81.7 64.0 96.0

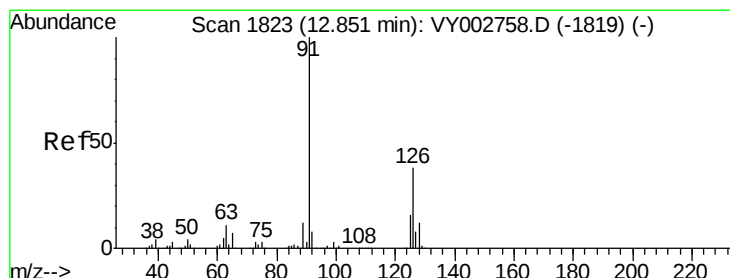
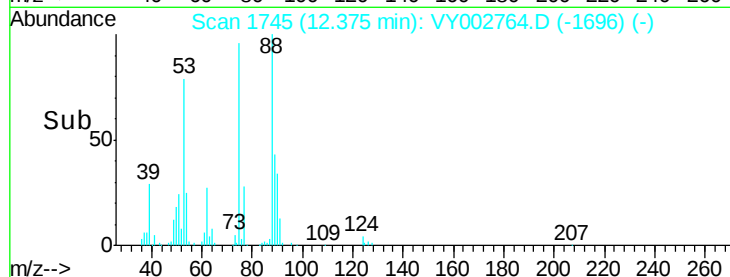
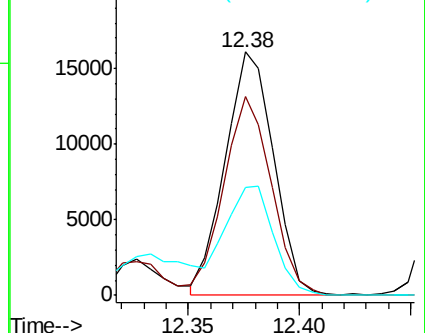
89 45.1 37.4 56.2



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: 20.521 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002764.D

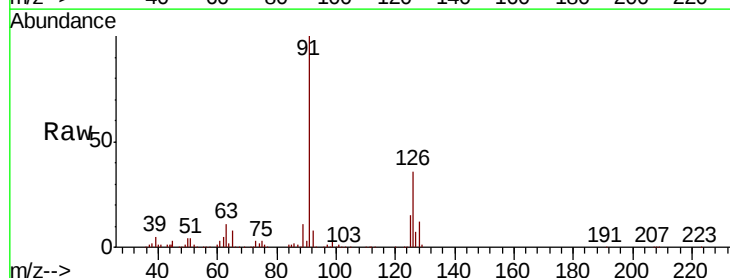
Acq: 27 May 2020 15:14

Tgt Ion: 91 Resp: 216589

Ion Ratio Lower Upper

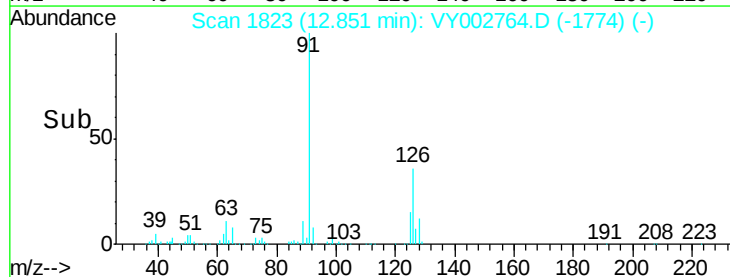
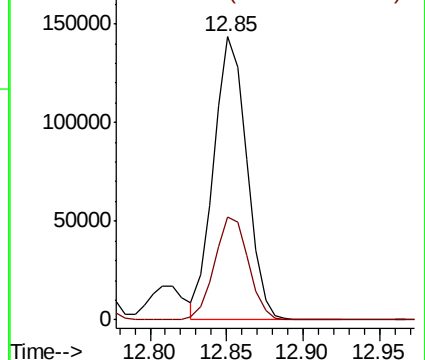
91 100

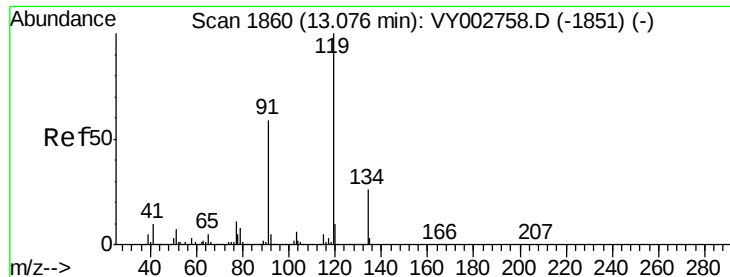
126 37.1 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

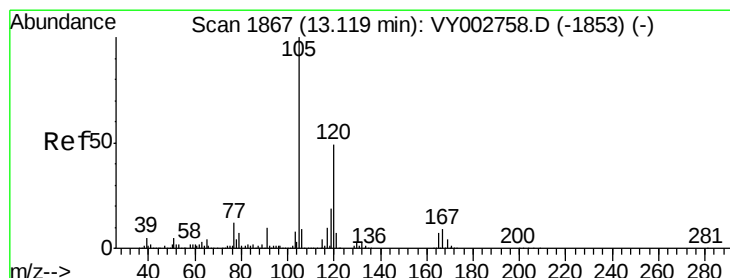
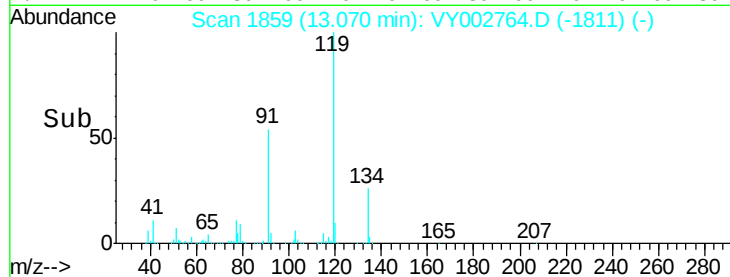
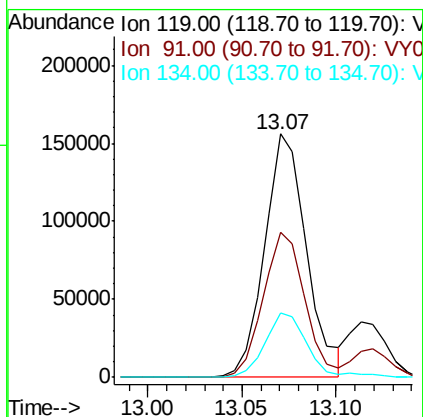
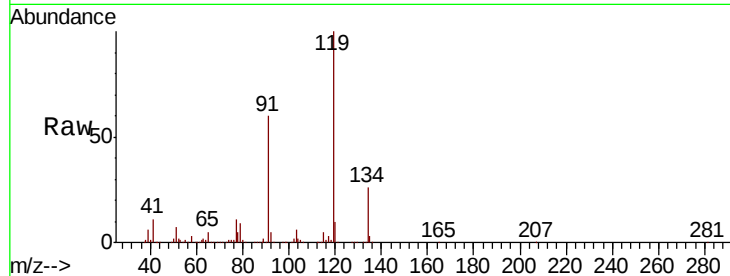




#83
 tert-Butylbenzene
 Concen: 20.812 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

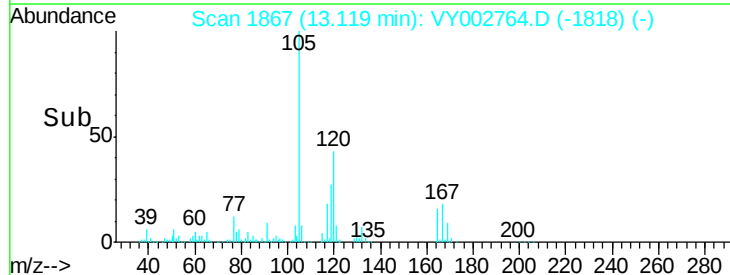
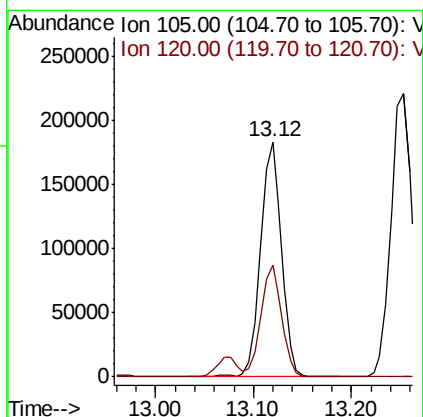
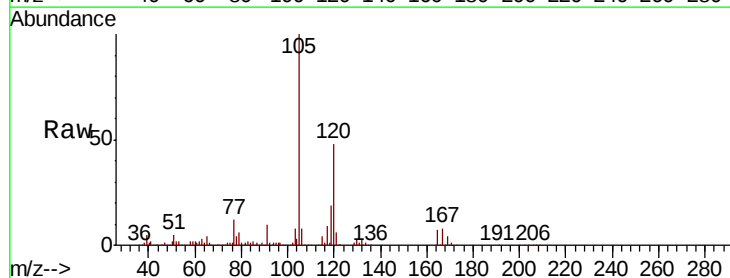
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

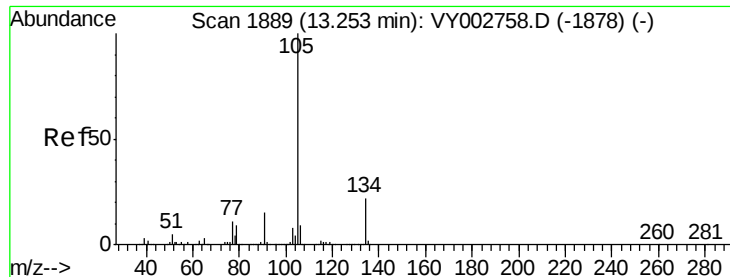
Tot Ion:119 Resp: 240982
 Ion Ratio Lower Upper
 119 100
 91 59.1 29.8 89.4
 134 26.6 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.777 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion:105 Resp: 271182
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.6 70.8





#85

sec-Butylbenzene

Concen: 21.094 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

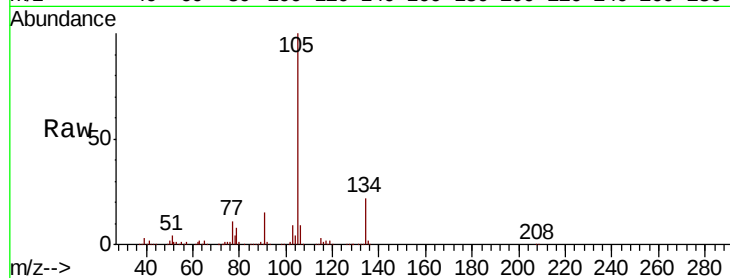
VY0527SBS01

Tot Ion:105 Resp: 333956

Ion Ratio Lower Upper

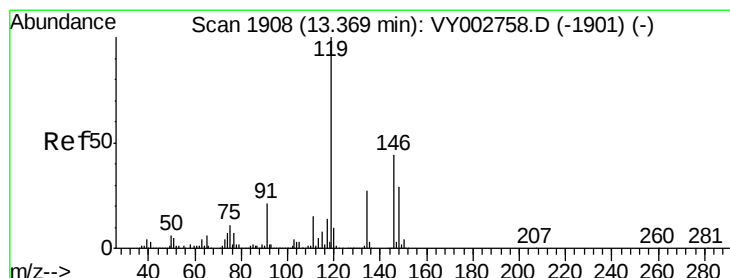
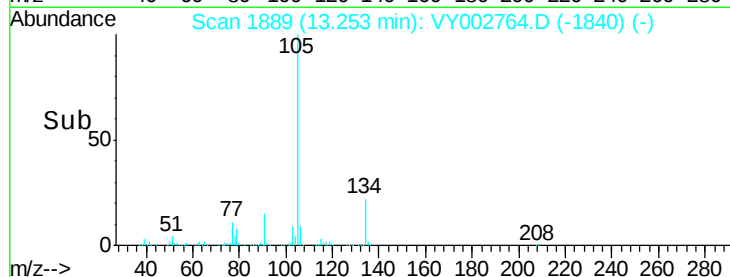
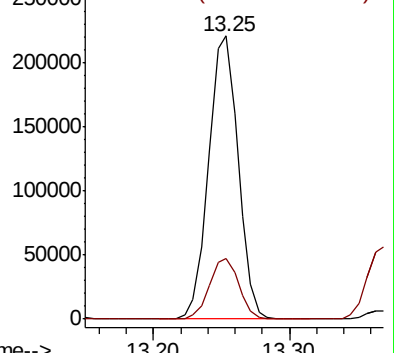
105 100

134 21.3 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: 20.888 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

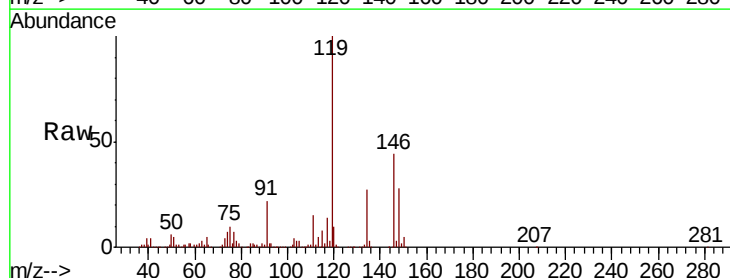
Tgt Ion:119 Resp: 307709

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.0

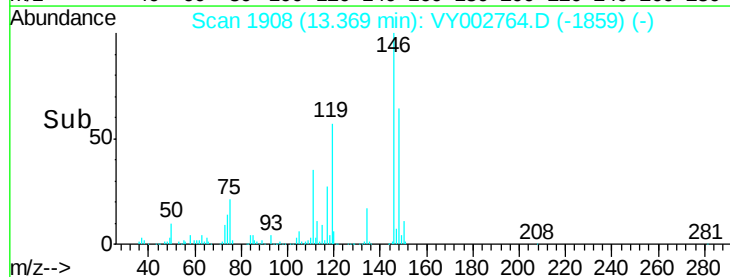
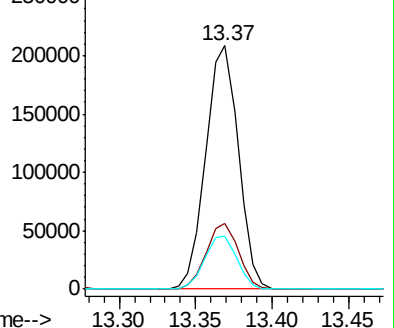
91 21.8 10.8 32.4

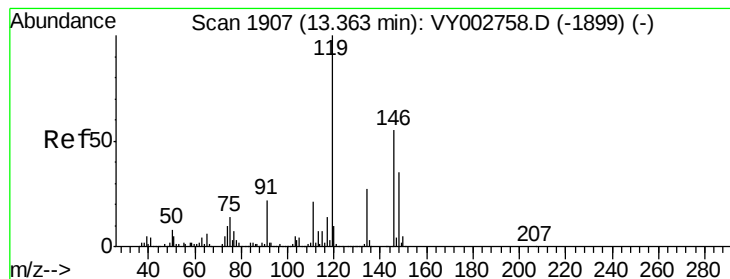


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.322 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

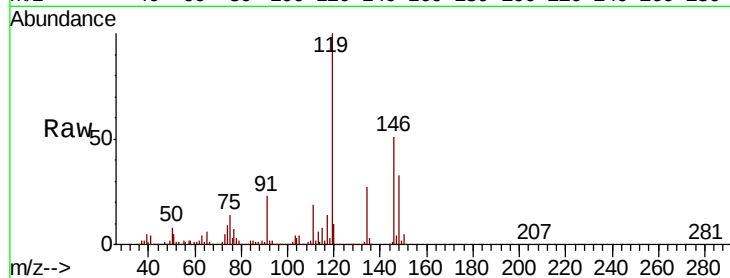
Tot Ion:146 Resp: 155830

Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.0

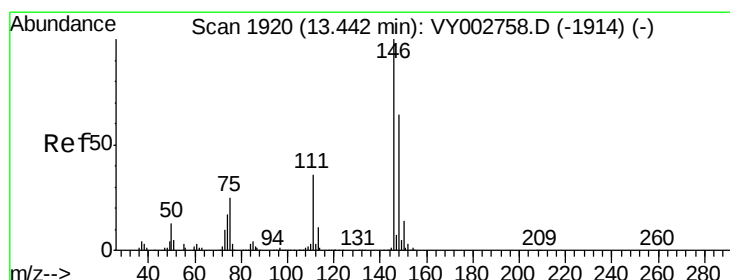
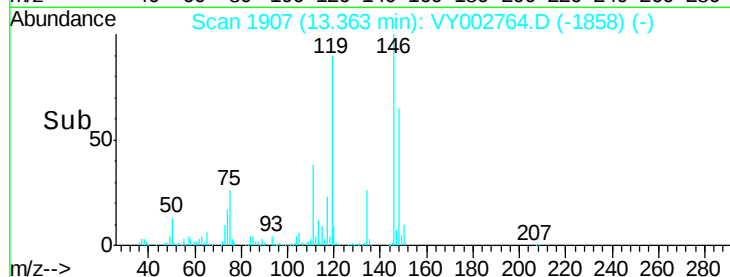
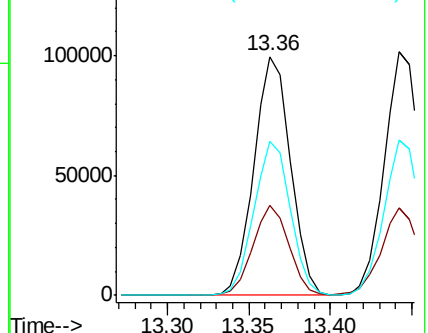
148 64.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.244 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY002764.D

Acq: 27 May 2020 15:14

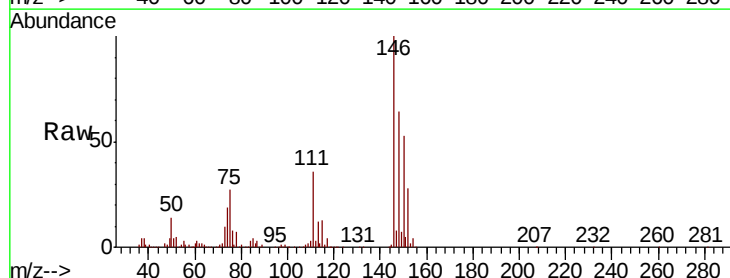
Tgt Ion:146 Resp: 155280

Ion Ratio Lower Upper

146 100

111 37.0 18.1 54.3

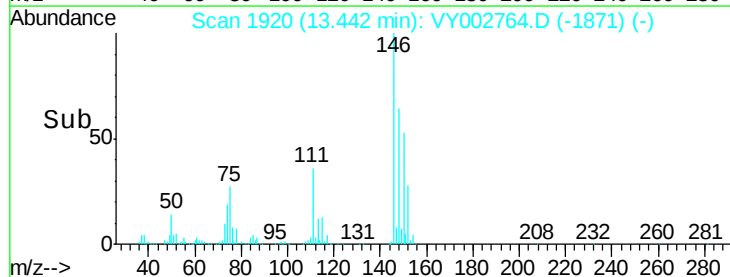
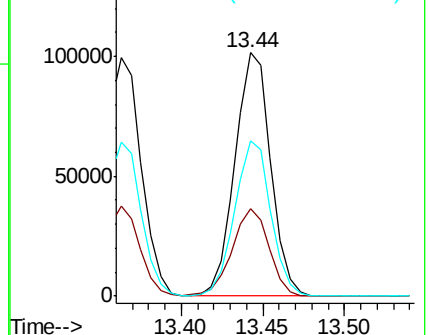
148 64.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

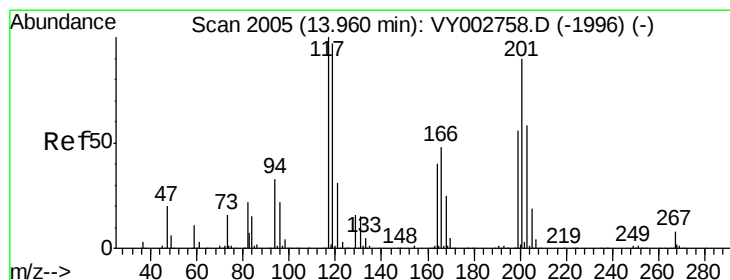
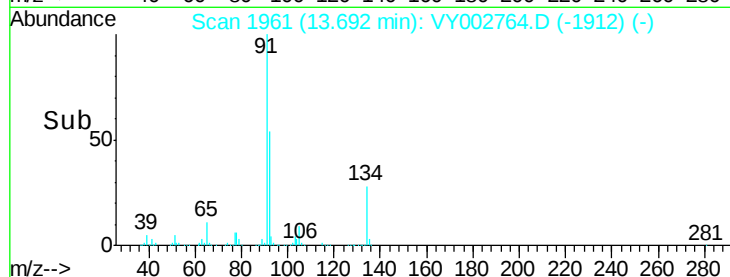
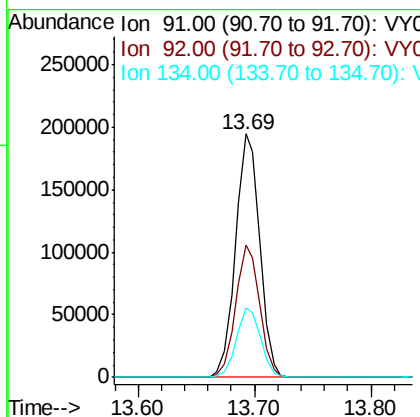
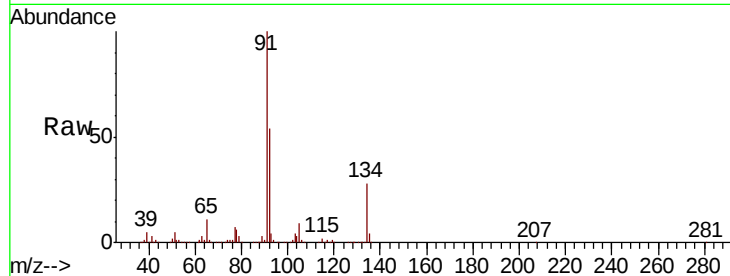




#89
n-Butylbenzene
Concen: 20.993 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

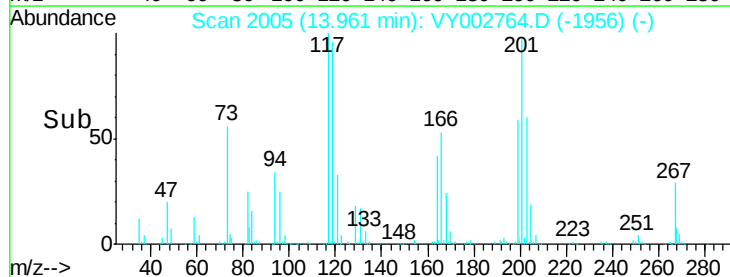
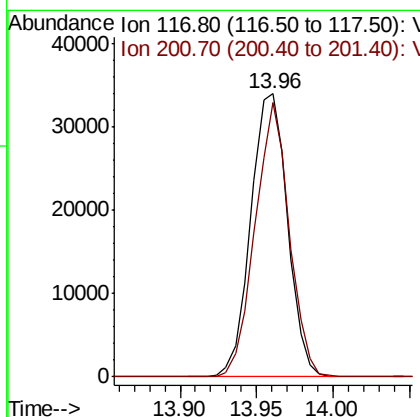
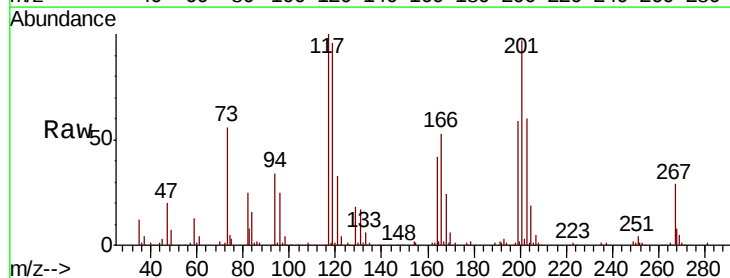
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion: 91 Resp: 280783
Ion Ratio Lower Upper
91 100
92 53.7 27.1 81.2
134 28.6 14.3 42.9



#90
Hexachloroethane
Concen: 20.623 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion: 117 Resp: 56877
Ion Ratio Lower Upper
117 100
201 89.9 43.9 131.6

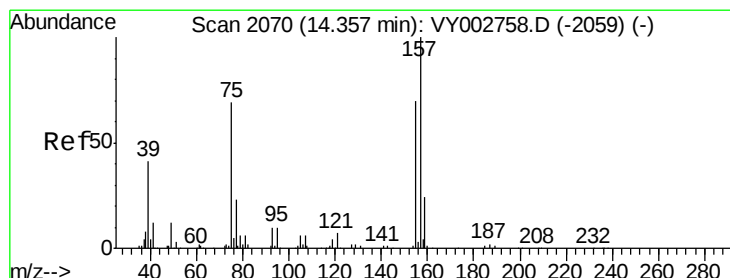
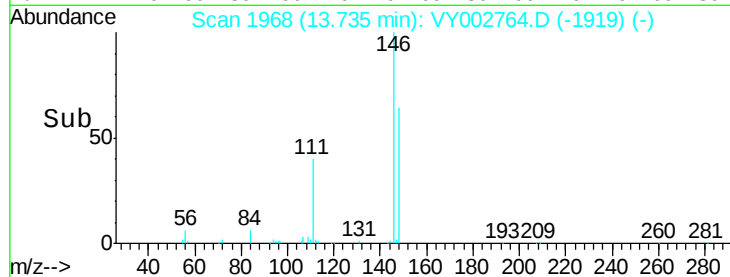
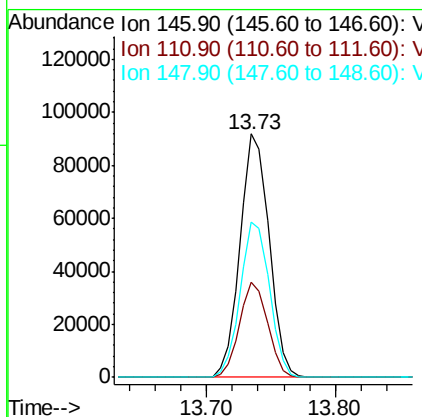
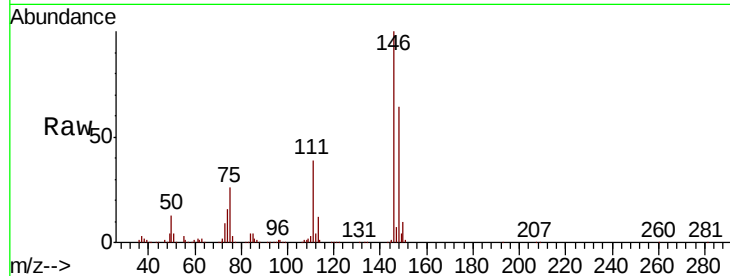




#91
 1,2-Dichlorobenzene
 Concen: 20.586 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

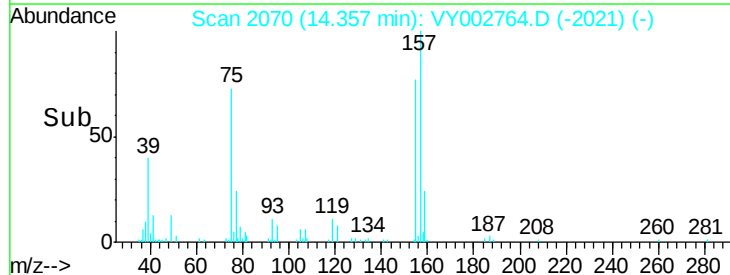
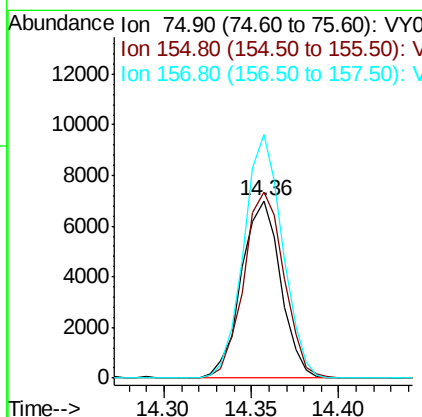
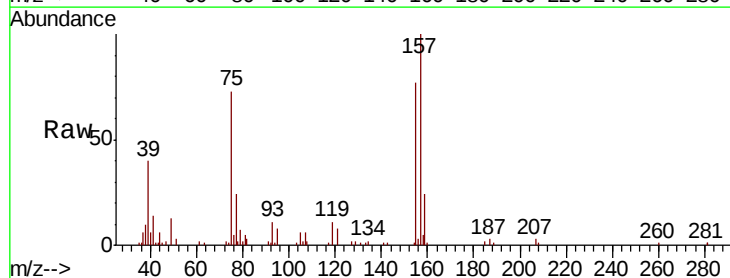
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

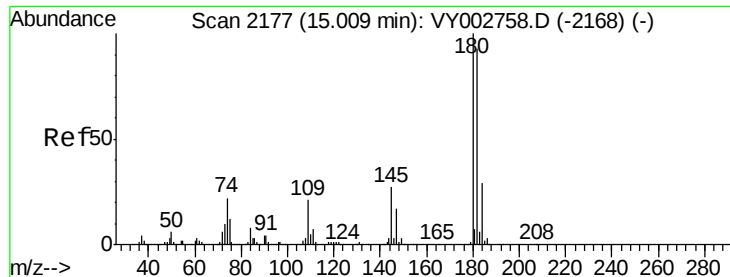
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.922 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.1	53.5	160.5
157	135.0	69.9	209.7

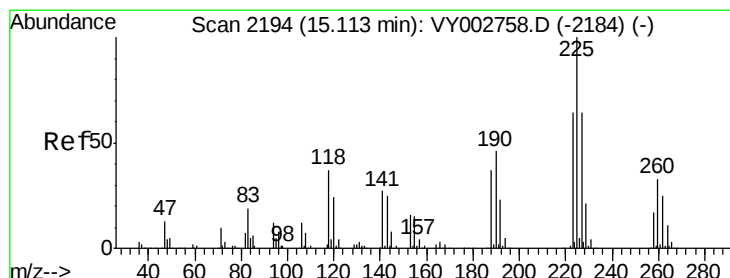
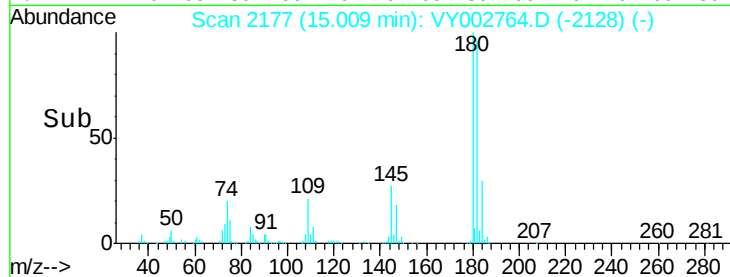
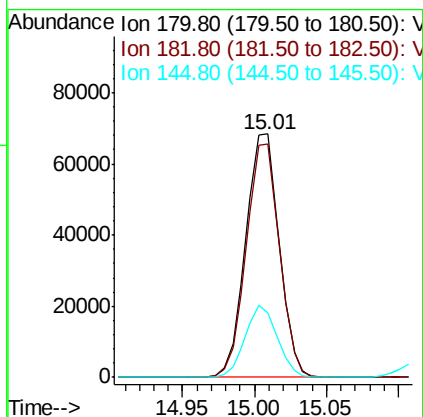
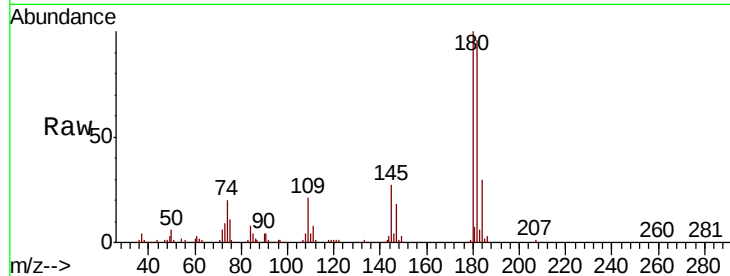




#93
 1,2,4-Trichlorobenzene
 Concen: 20.947 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

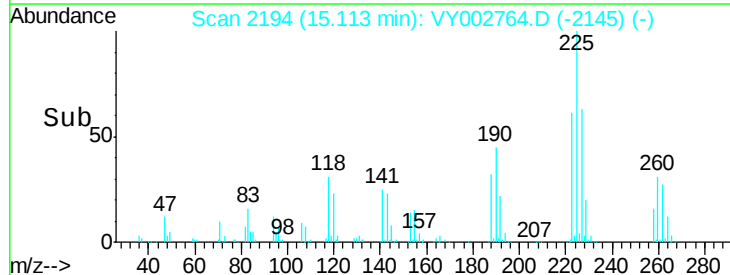
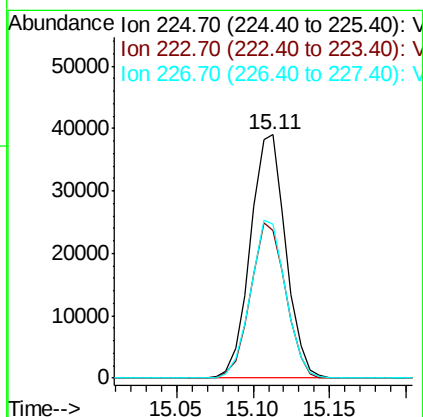
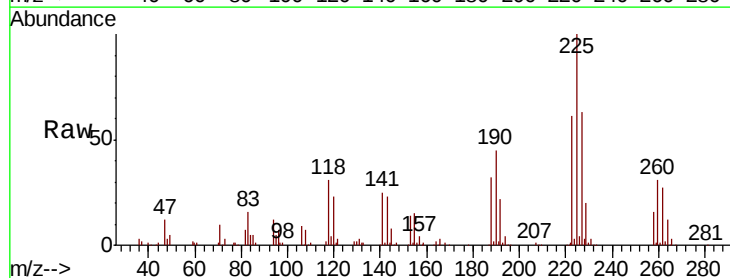
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

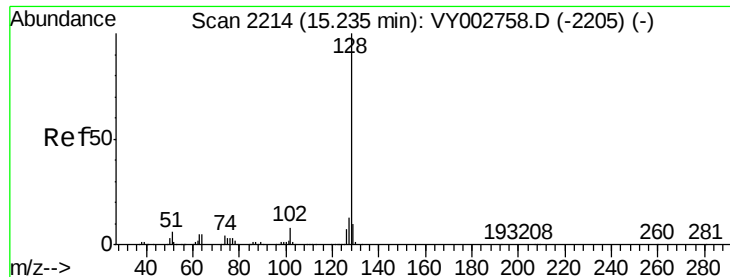
Tot Ion:180 Resp: 109799
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 141.9
 145 28.5 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 21.087 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002764.D
 Acq: 27 May 2020 15:14

Tgt Ion:225 Resp: 62691
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 95.0
 227 64.5 32.3 96.9

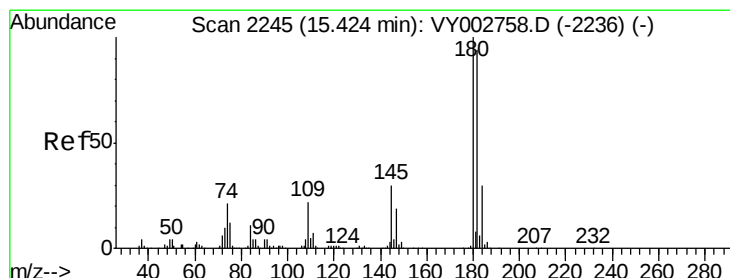
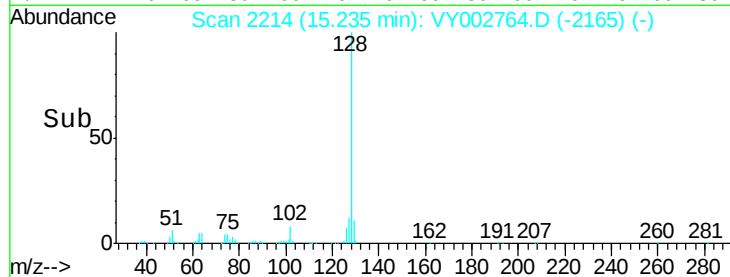
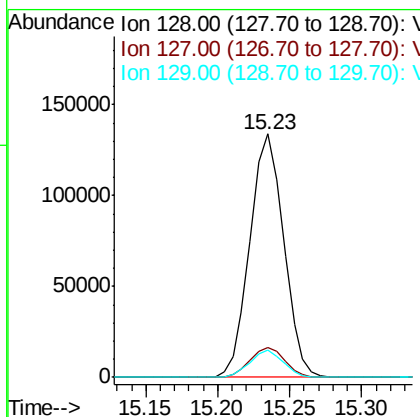
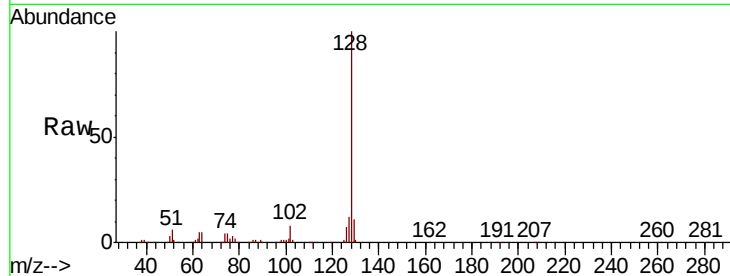




#95
Naphthalene
Concen: 20.690 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion:128 Resp: 217449
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.755 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002764.D
Acq: 27 May 2020 15:14

Tgt Ion:180 Resp: 97148
Ion Ratio Lower Upper
180 100
182 96.9 48.1 144.4
145 30.1 15.1 45.3

