

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002763.D
 Acq On : 27 May 2020 14:51
 Operator : SY/MD
 Sample : VY0527SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Quant Time: May 28 04:43:05 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	325829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	479754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	445161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	240649	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	139674	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	7.72	113	143485	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.18	98	569408	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.48	95	199630	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	48449	21.610	ug/l	99
3) Chloromethane	2.11	50	54602	22.018	ug/l	98
4) Vinyl Chloride	2.25	62	58656	22.378	ug/l	97
5) Bromomethane	2.65	94	41155	20.952	ug/l	96
6) Chloroethane	2.79	64	35531	20.911	ug/l	97
7) Trichlorofluoromethane	3.13	101	95816	20.640	ug/l	96
8) Diethyl Ether	3.54	74	38249	21.101	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	58665	21.284	ug/l	99
10) Methyl Iodide	4.10	142	73470	19.050	ug/l	100
11) Tert butyl alcohol	4.97	59	35990	111.275	ug/l	97
12) 1,1-Dichloroethene	3.88	96	57130	20.611	ug/l	95
13) Acrolein	3.74	56	34924	105.339	ug/l	98
14) Allyl chloride	4.48	41	84444	21.241	ug/l	99
15) Acrylonitrile	5.17	53	84057	102.791	ug/l	99
16) Acetone	3.96	43	66070	99.595	ug/l	92
17) Carbon Disulfide	4.19	76	176362	21.055	ug/l	99
18) Methyl Acetate	4.49	43	36995	21.676	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	156911	20.505	ug/l	99
20) Methylene Chloride	4.72	84	76135	23.484	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	64294	20.625	ug/l	95
22) Diisopropyl ether	6.13	45	173543	21.007	ug/l	96
23) Vinyl Acetate	6.07	43	569259	104.368	ug/l	98
24) 1,1-Dichloroethane	6.02	63	100889	20.876	ug/l	99
25) 2-Butanone	6.99	43	103618	100.254	ug/l	97
26) 2,2-Dichloropropane	6.99	77	94772	20.448	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	71445	20.473	ug/l	99
28) Bromochloromethane	7.33	49	44509	22.435	ug/l	99
29) Tetrahydrofuran	7.35	42	67474	100.364	ug/l	100
30) Chloroform	7.51	83	105399	20.553	ug/l	94
31) Cyclohexane	7.78	56	100420	20.929	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	97599	20.424	ug/l	99
36) 1,1-Dichloropropene	7.92	75	84971	21.026	ug/l	100
37) Ethyl Acetate	7.08	43	45765	20.814	ug/l	99
38) Carbon Tetrachloride	7.90	117	92124	20.520	ug/l	100

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: May 28 04:43:05 2020
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	110819	20.804	ug/l	98
40) Benzene	8.16	78	246820	20.669	ug/l	98
41) Methacrylonitrile	7.35	41	62024	52.507	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	68881	20.582	ug/l	98
43) Isopropyl Acetate	8.28	43	85568	20.536	ug/l	99
44) Trichloroethene	8.94	130	78644	20.850	ug/l	99
45) 1,2-Dichloropropane	9.22	63	60081	20.981	ug/l	96
46) Dibromomethane	9.31	93	34806	20.466	ug/l	99
47) Bromodichloromethane	9.50	83	81462	20.318	ug/l	96
48) Methyl methacrylate	9.29	41	37970	20.186	ug/l	99
49) 1,4-Dioxane	9.30	88	10300	394.432	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	223528	101.310	ug/l	100
52) Toluene	10.24	92	160923	20.600	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	90085	20.571	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	102910	20.739	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	53317	20.477	ug/l	97
56) Ethyl methacrylate	10.51	69	71385	20.469	ug/l	99
57) 1,3-Dichloropropane	10.79	76	87512	20.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	177132	103.948	ug/l	100
59) 2-Hexanone	10.83	43	159716	102.023	ug/l	100
60) Dibromochloromethane	10.99	129	66963	20.286	ug/l	100
61) 1,2-Dibromoethane	11.09	107	52338	20.378	ug/l	98
64) Tetrachloroethene	10.72	164	82616	20.420	ug/l	96
65) Chlorobenzene	11.52	112	179127	20.359	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	68409	20.644	ug/l	99
67) Ethyl Benzene	11.59	91	316005	20.717	ug/l	99
68) m/p-Xylenes	11.70	106	244794	41.392	ug/l	99
69) o-Xylene	12.03	106	114330	20.478	ug/l	98
70) Styrene	12.04	104	200036	20.668	ug/l	100
71) Bromoform	12.20	173	45813	20.661	ug/l #	99
73) Isopropylbenzene	12.33	105	315978	20.489	ug/l	99
74) N-amyl acetate	12.14	43	80618	20.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	55484	20.505	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	82444	38.021	ug/l #	100
77) Bromobenzene	12.61	156	81531	20.304	ug/l	99
78) n-propylbenzene	12.67	91	370292	20.787	ug/l	100
79) 2-Chlorotoluene	12.75	91	205187	20.534	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	266012	20.659	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22964	19.952	ug/l	98
82) 4-Chlorotoluene	12.85	91	215089	20.544	ug/l	100
83) tert-Butylbenzene	13.07	119	236636	20.602	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	267373	20.651	ug/l	99
85) sec-Butylbenzene	13.25	105	328189	20.897	ug/l	100
86) p-Isopropyltoluene	13.37	119	306482	20.973	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	155891	20.495	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	155184	20.395	ug/l	99
89) n-Butylbenzene	13.70	91	276662	20.853	ug/l	99
90) Hexachloroethane	13.96	117	55583	20.317	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	142467	20.653	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10399	19.976	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

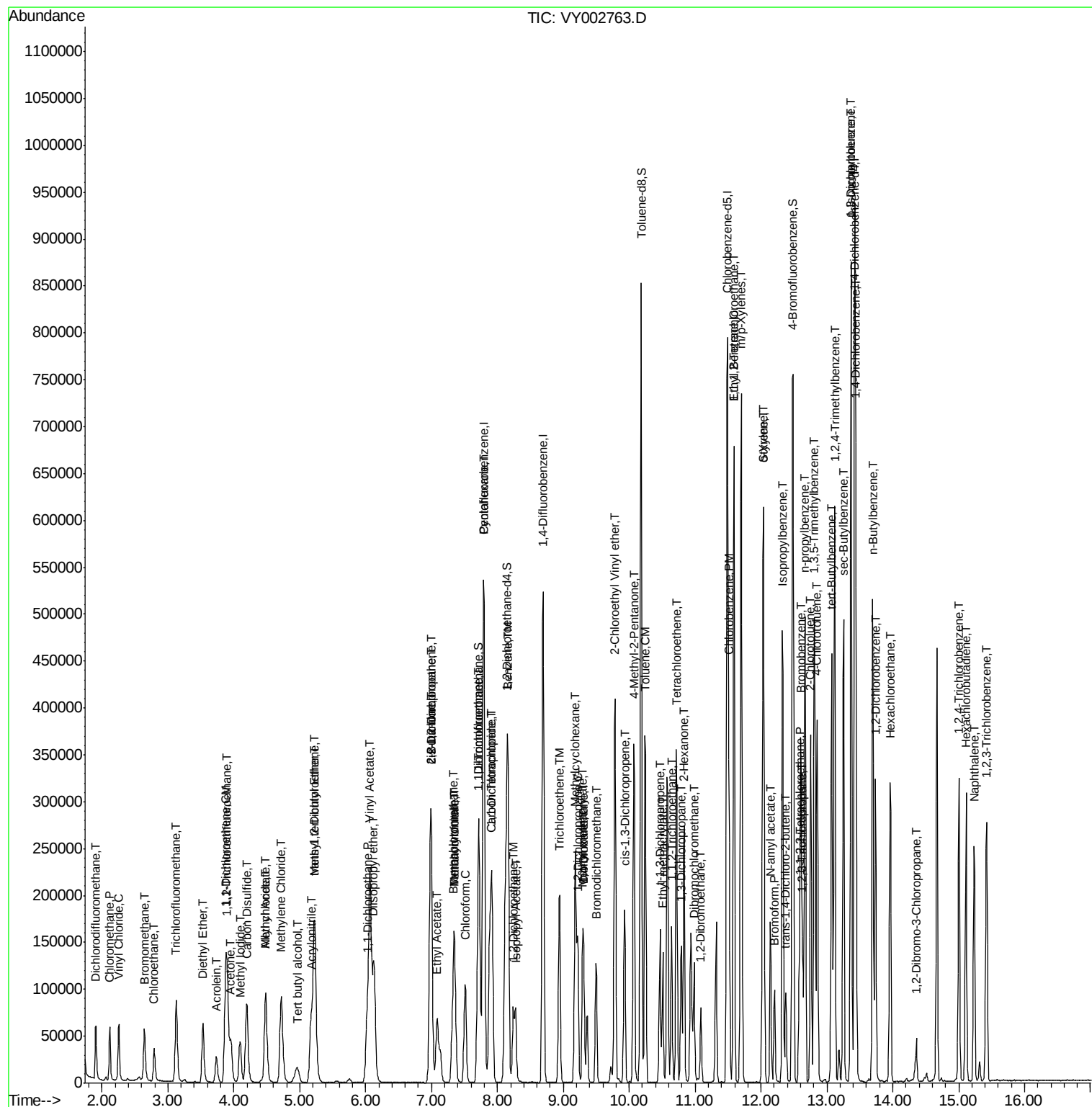
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	109712	21.100	ug/l	99
94) Hexachlorobutadiene	15.11	225	62420	21.166	ug/l	100
95) Naphthalene	15.23	128	210242	20.167	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	97371	20.971	ug/l	100

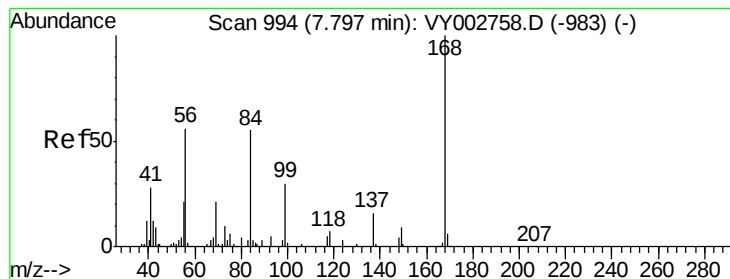
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002763.D
Acq On : 27 May 2020 14:51
Operator : SY/MD
Sample : VY0527SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: May 28 04:43:05 2020
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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

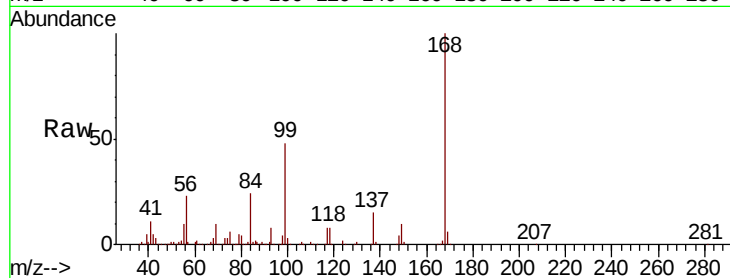
VY0527SBS01

Tot Ion:168 Resp: 325829

Ion Ratio Lower Upper

168 100

99 47.8 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

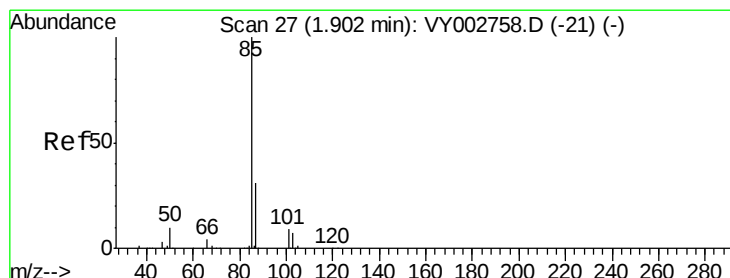
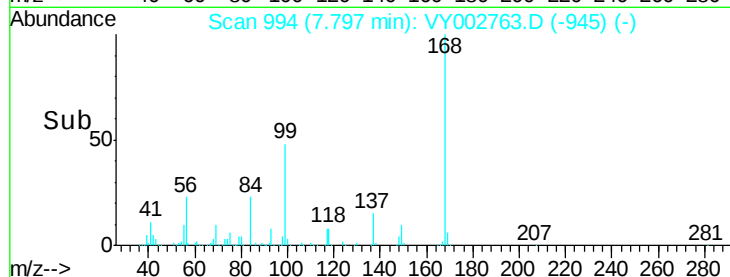
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.610 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002763.D

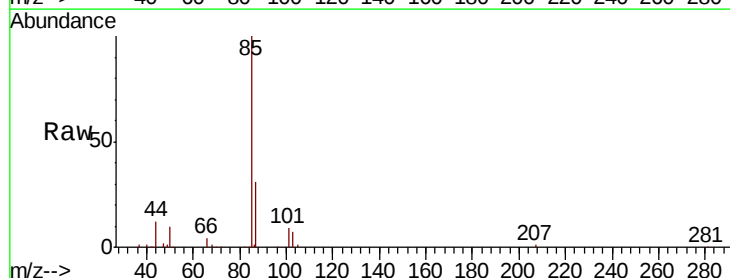
Acq: 27 May 2020 14:51

Tgt Ion: 85 Resp: 48449

Ion Ratio Lower Upper

85 100

87 31.3 15.5 46.5



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

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

1.91

30000

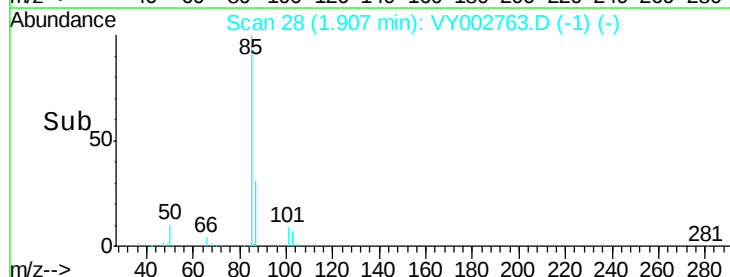
20000

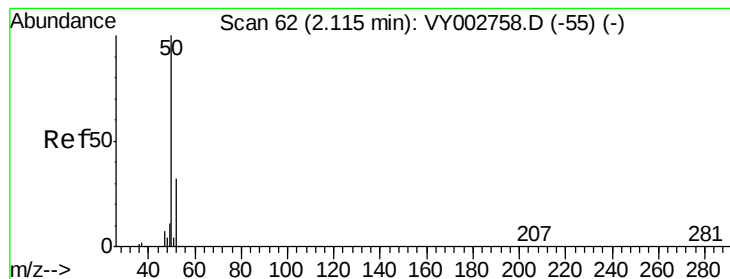
10000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.018 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

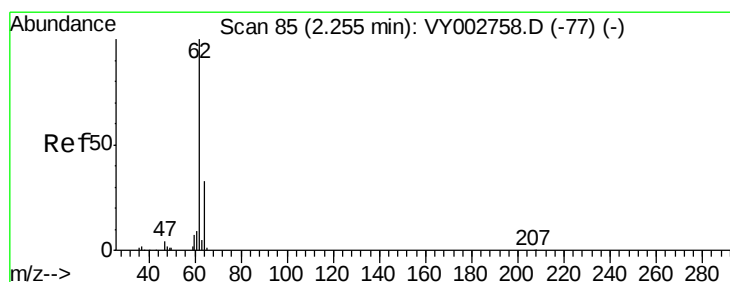
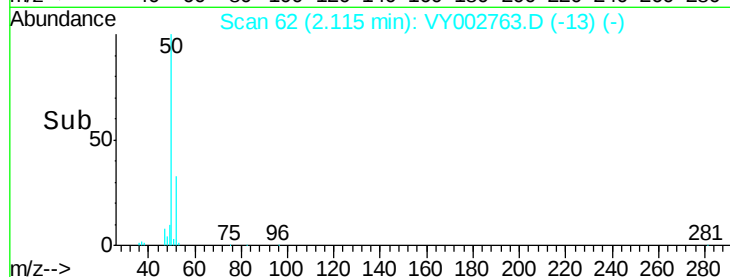
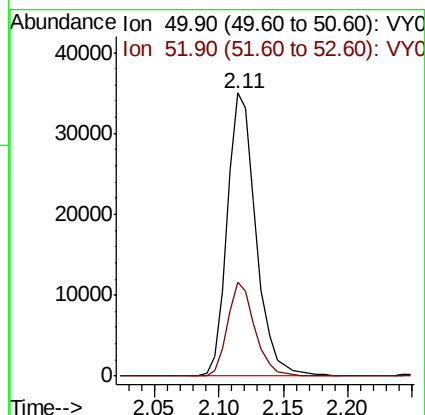
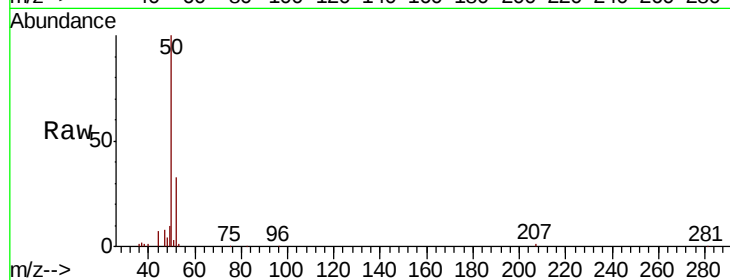
VY0527SBS01

Tot Ion: 50 Resp: 54602

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.6



#4

Vinyl Chloride

Concen: 22.378 ug/l

RT: 2.25 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002763.D

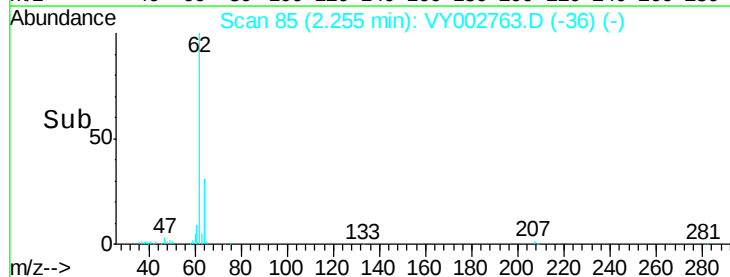
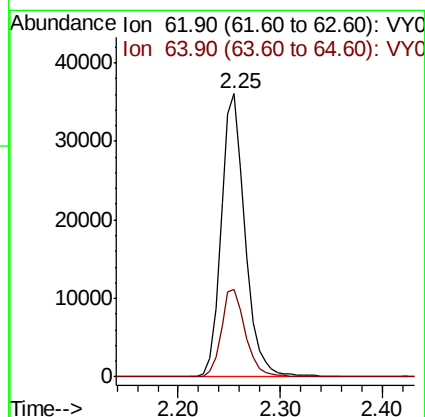
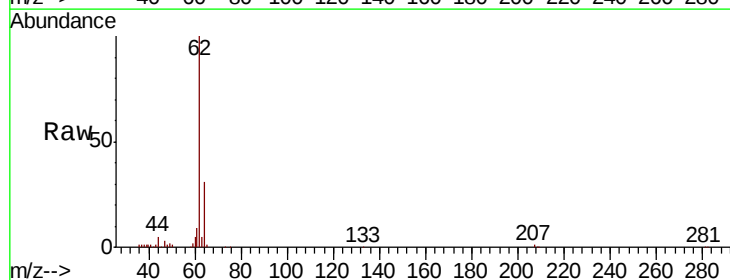
Acq: 27 May 2020 14:51

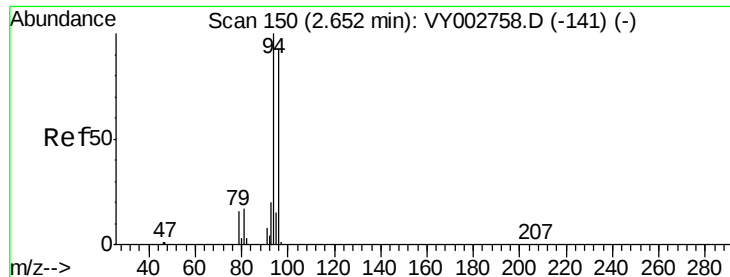
Tgt Ion: 62 Resp: 58656

Ion Ratio Lower Upper

62 100

64 30.9 26.1 39.1





#5

Bromomethane

Concen: 20.952 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

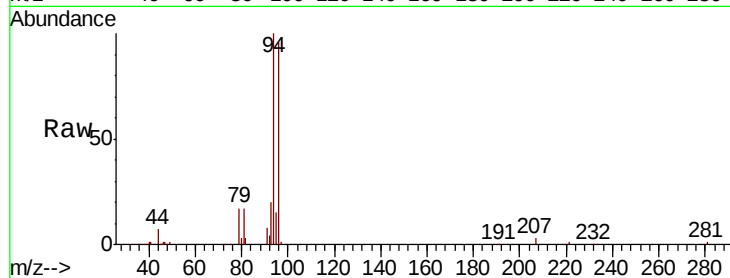
VY0527SBS01

Tot Ion: 94 Resp: 41155

Ion Ratio Lower Upper

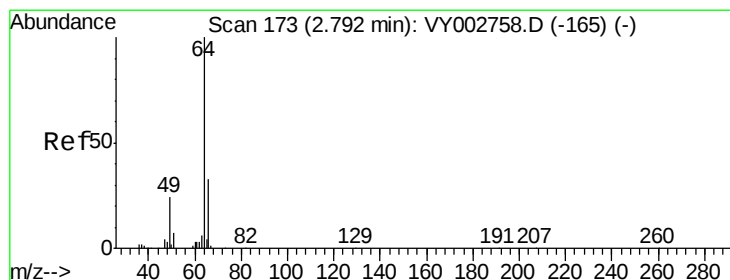
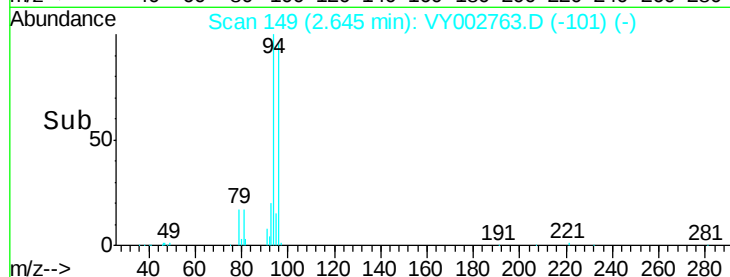
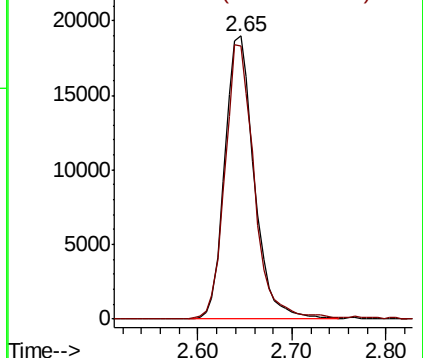
94 100

96 96.3 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: 20.911 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY002763.D

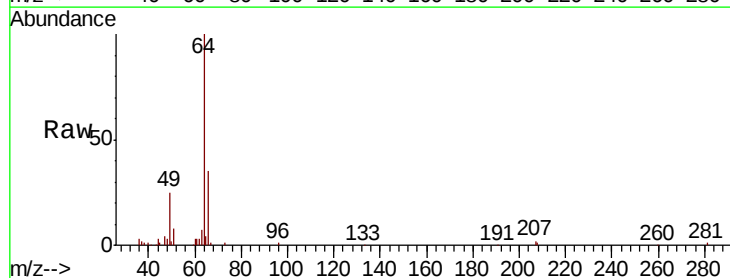
Acq: 27 May 2020 14:51

Tgt Ion: 64 Resp: 35531

Ion Ratio Lower Upper

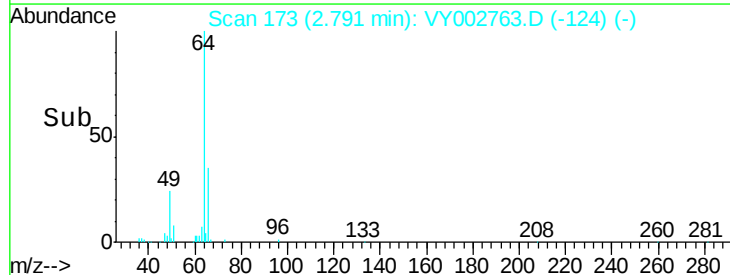
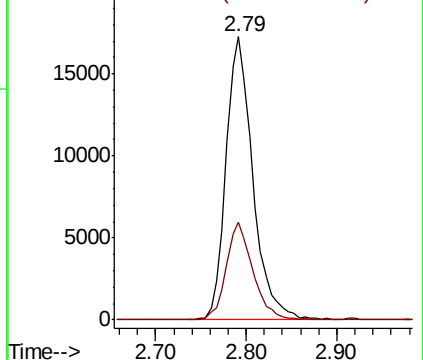
64 100

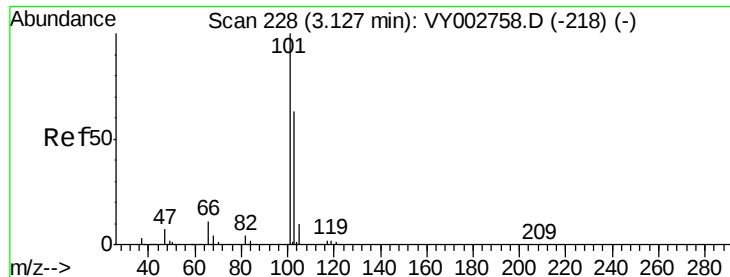
66 34.6 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



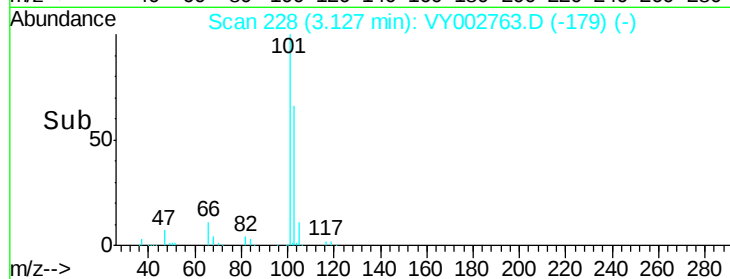
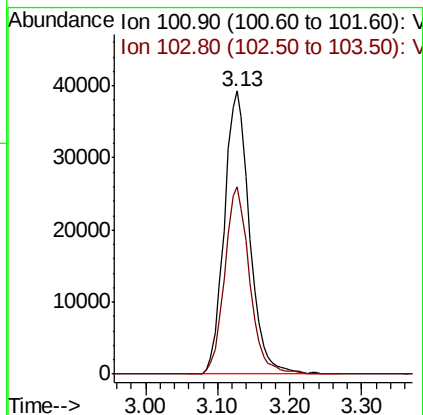
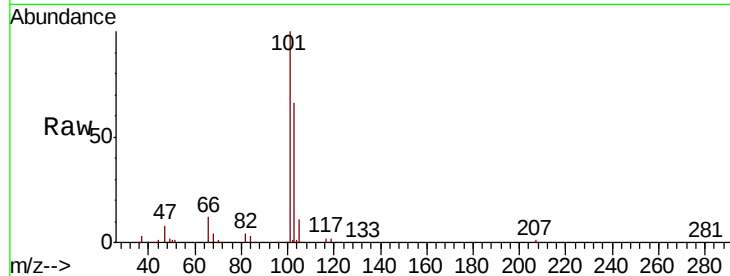


#7

Trichlorofluoromethane
 Concen: 20.640 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

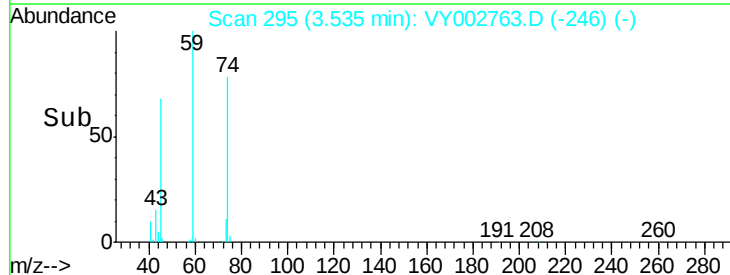
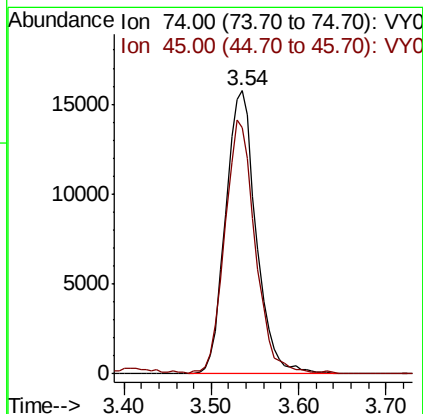
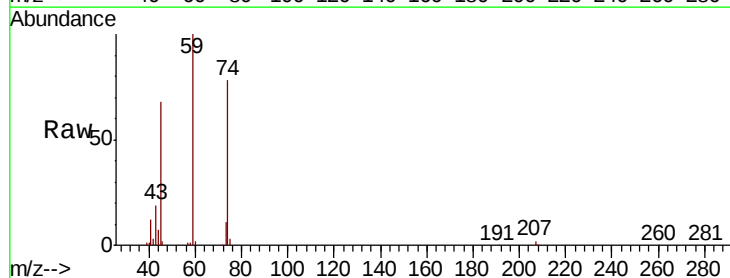
Tot Ion:101 Resp: 95816
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.6 76.0

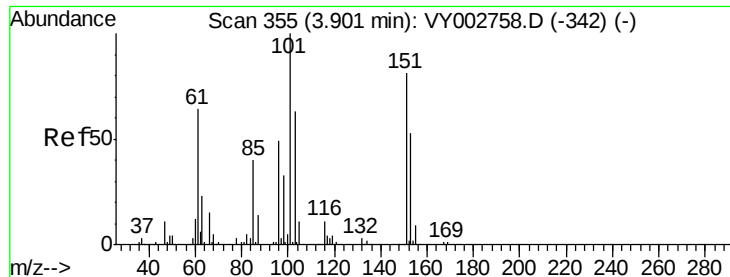


#8

Diethyl Ether
 Concen: 21.101 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion: 74 Resp: 38249
 Ion Ratio Lower Upper
 74 100
 45 88.0 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.284 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

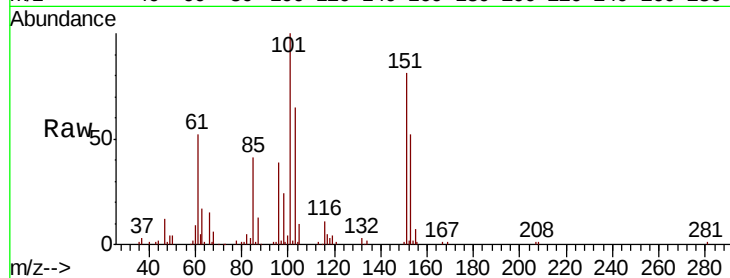
Tot Ion:101 Resp: 58665

Ion Ratio Lower Upper

101 100

85 41.8 32.7 49.1

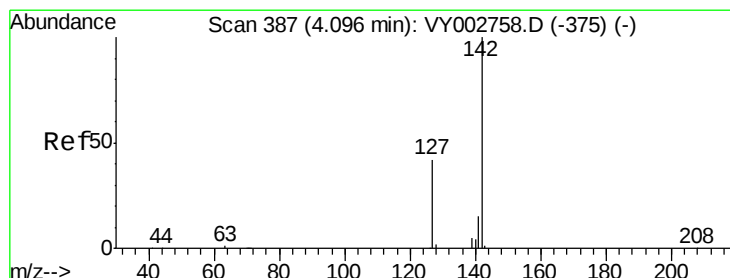
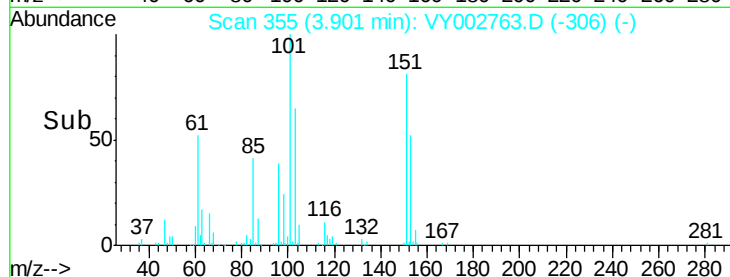
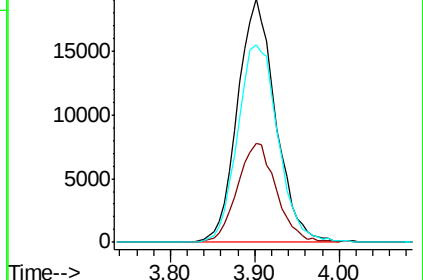
151 86.3 68.0 102.0



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: 19.050 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

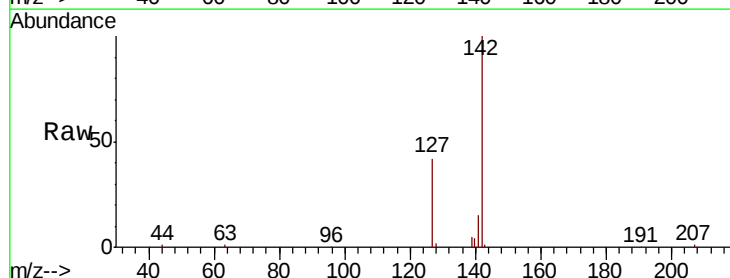
Tgt Ion:142 Resp: 73470

Ion Ratio Lower Upper

142 100

127 41.6 33.3 49.9

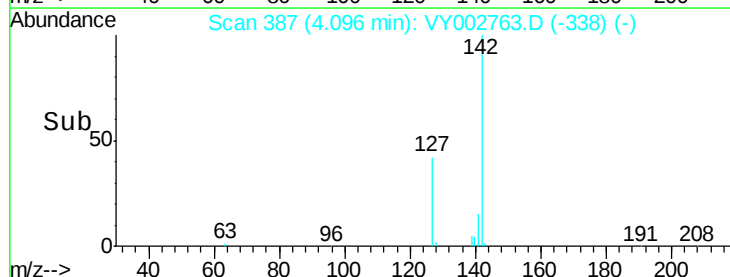
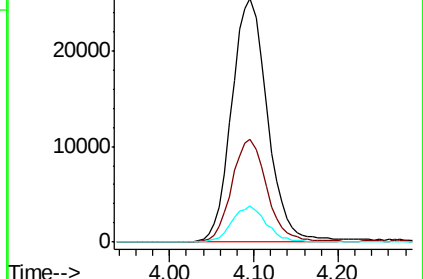
141 14.3 11.5 17.3

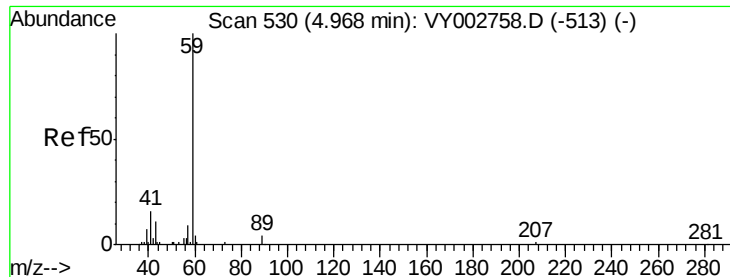


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



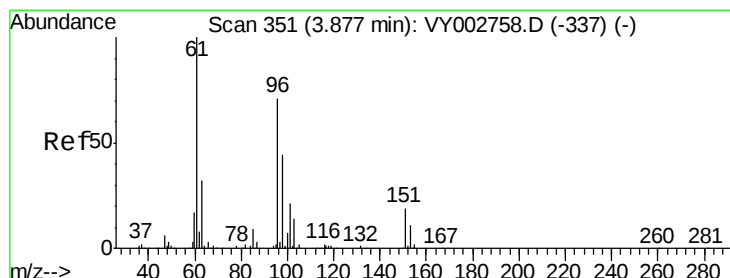
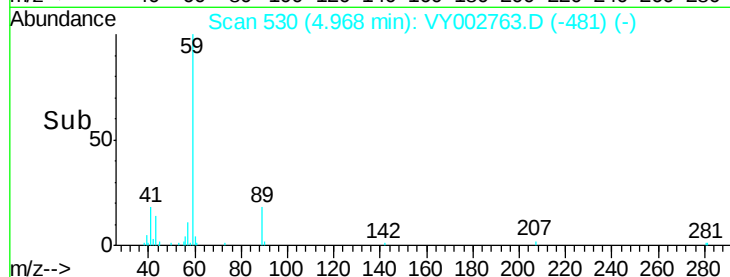
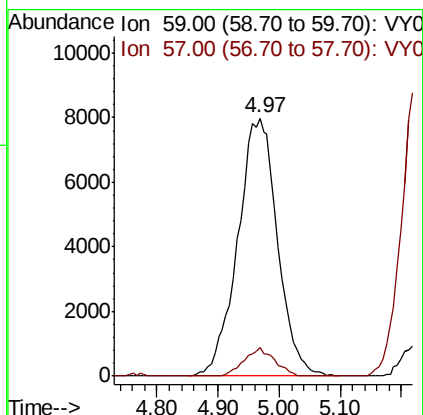
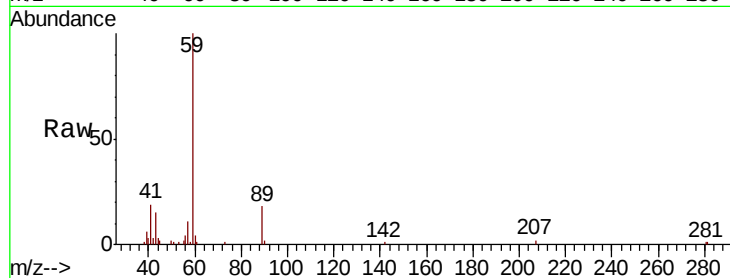


#11

Tert butyl alcohol
 Concen: 111.275 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

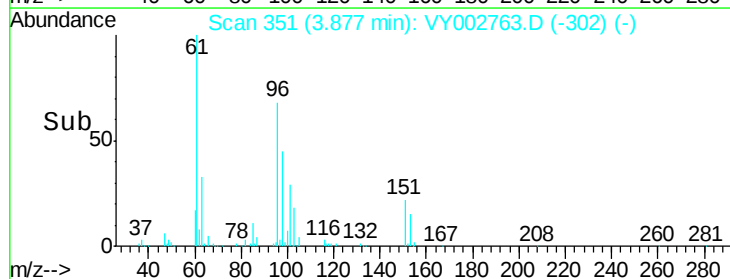
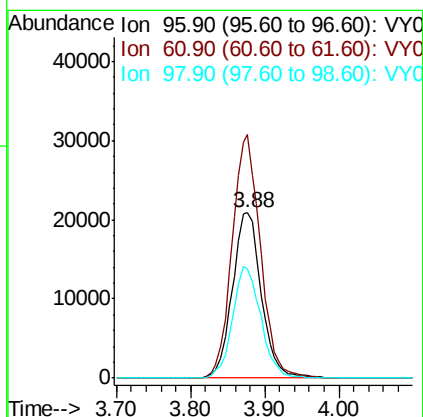
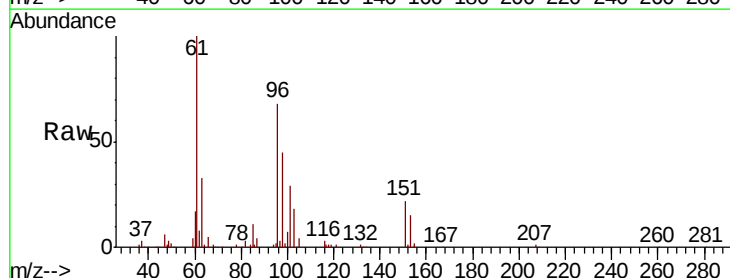
Tot Ion: 59 Resp: 35990
 Ion Ratio Lower Upper
 59 100
 57 8.4 7.7 11.5

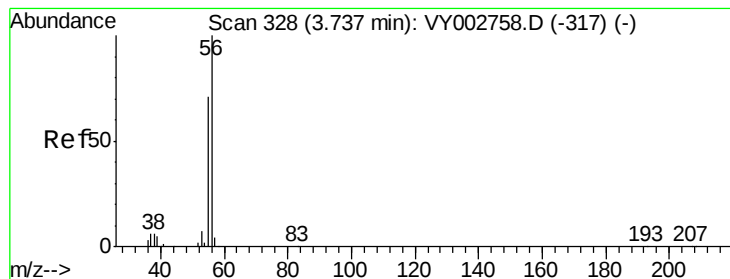


#12

1,1-Dichloroethene
 Concen: 20.611 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion: 96 Resp: 57130
 Ion Ratio Lower Upper
 96 100
 61 147.5 112.6 168.8
 98 66.4 50.0 75.0





#13

Acrolein

Concen: 105.339 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

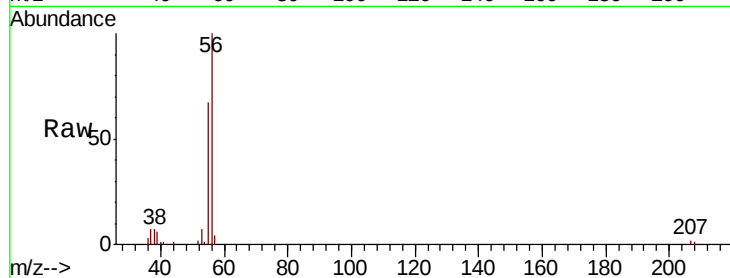
VY0527SBS01

Tot Ion: 56 Resp: 34924

Ion Ratio Lower Upper

56 100

55 68.5 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

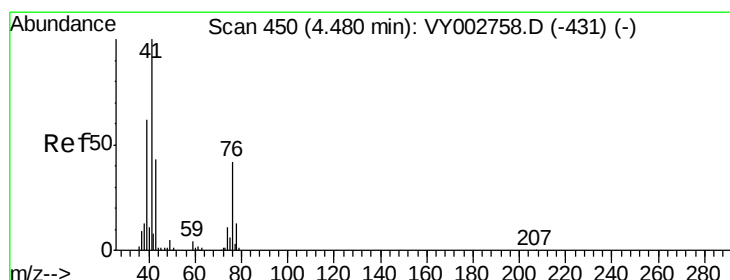
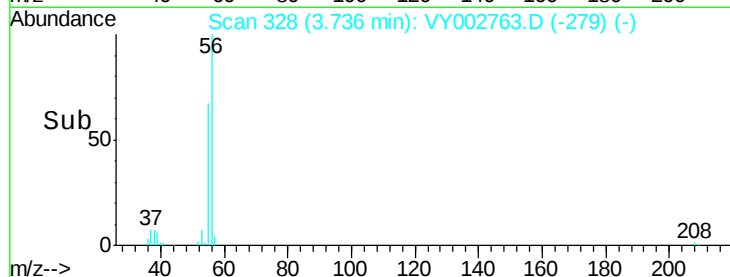
15000

10000

5000

0

Time--> 3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 21.241 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

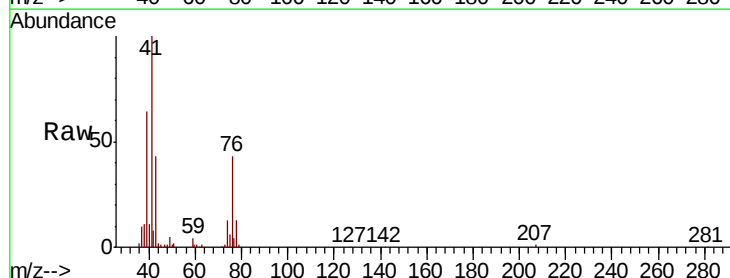
Tgt Ion: 41 Resp: 84444

Ion Ratio Lower Upper

41 100

39 62.3 49.9 74.9

76 40.3 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

4.48

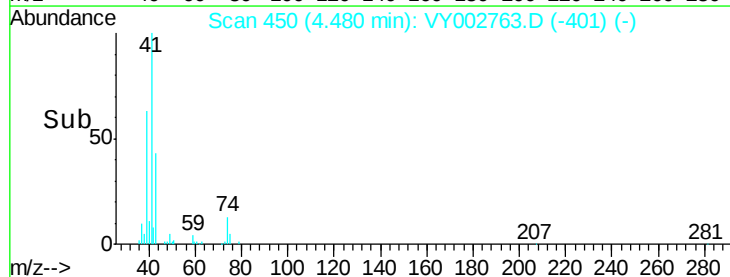
30000

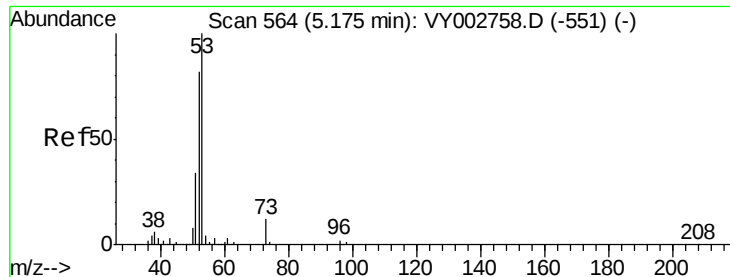
20000

10000

0

Time--> 4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 102.791 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

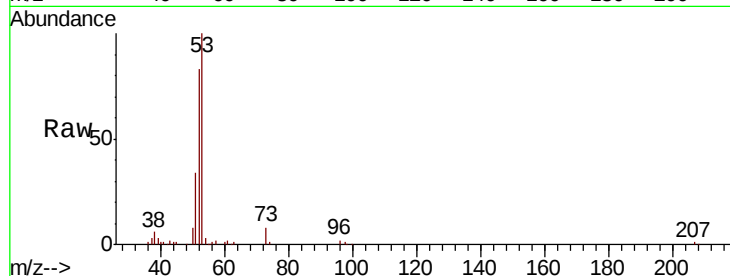
Tot Ion: 53 Resp: 84057

Ion Ratio Lower Upper

53 100

52 81.0 65.3 97.9

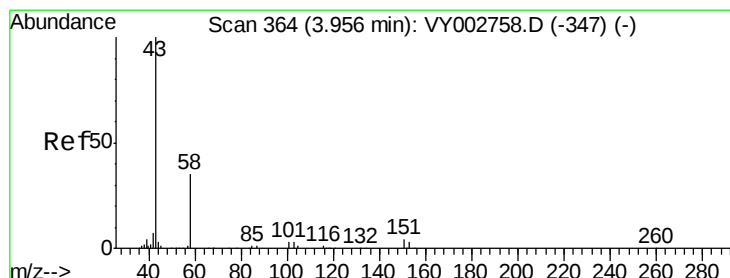
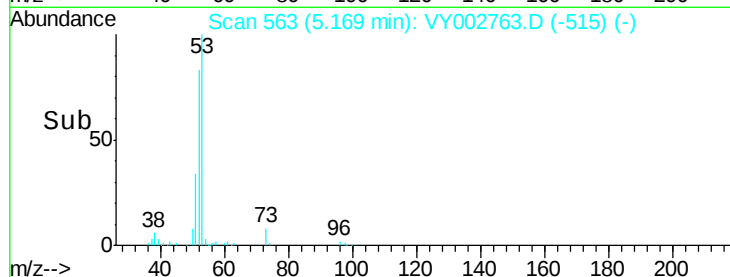
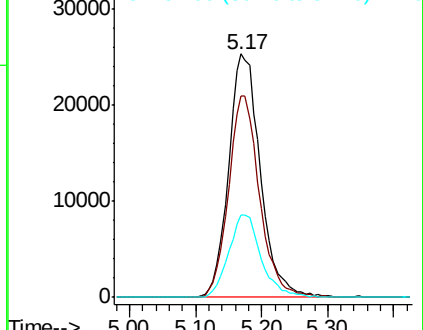
51 34.8 28.0 42.0



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: 99.595 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002763.D

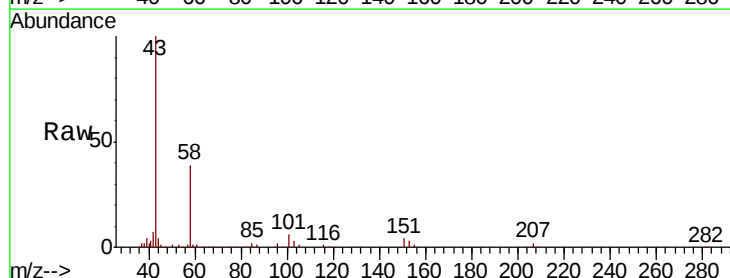
Acq: 27 May 2020 14:51

Tgt Ion: 43 Resp: 66070

Ion Ratio Lower Upper

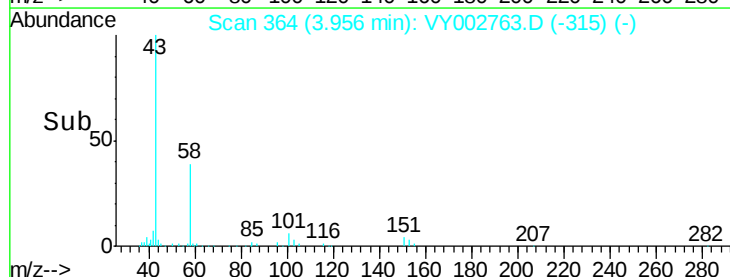
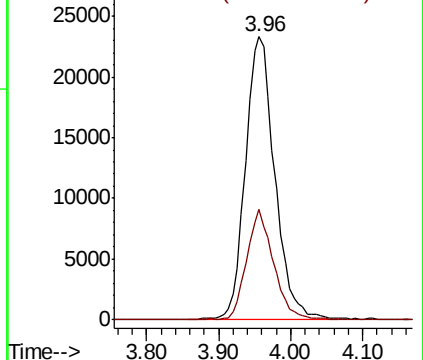
43 100

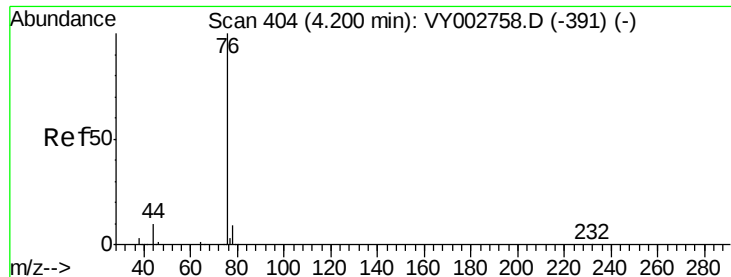
58 39.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

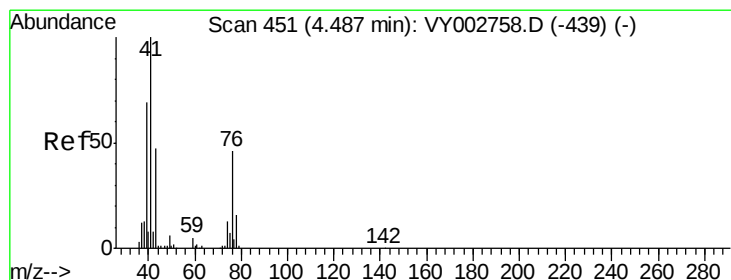
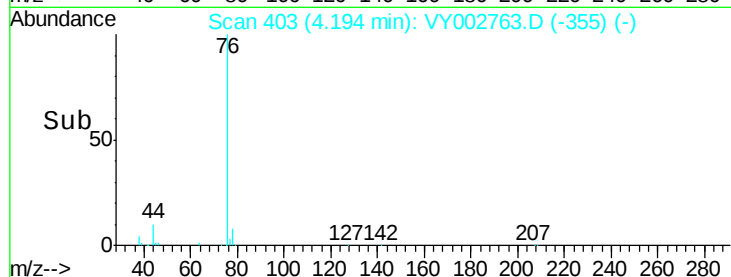
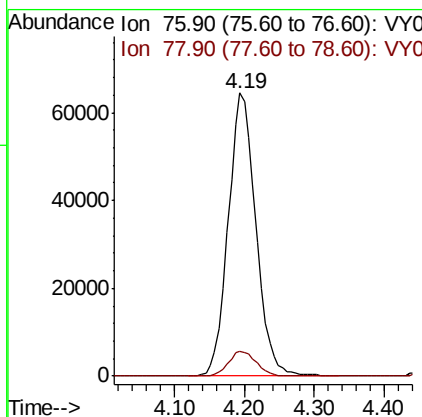
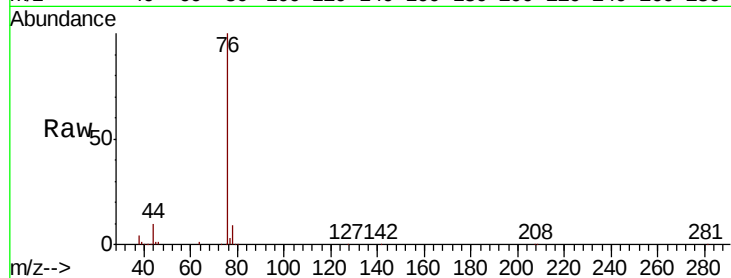




#17
Carbon Disulfide
Concen: 21.055 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

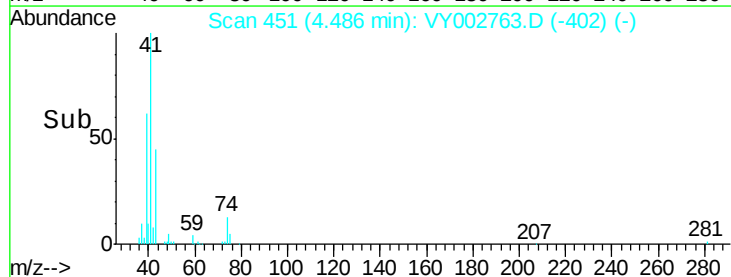
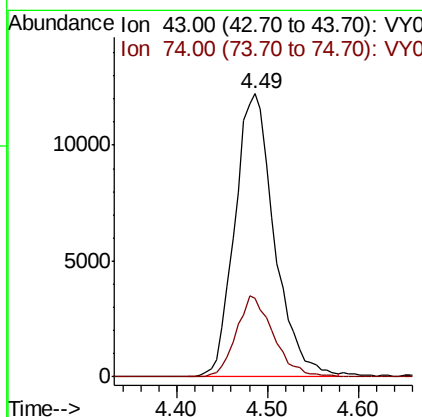
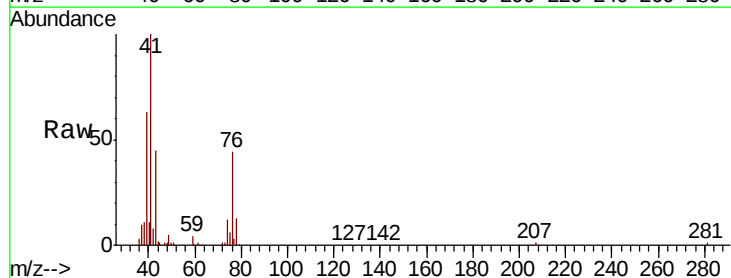
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

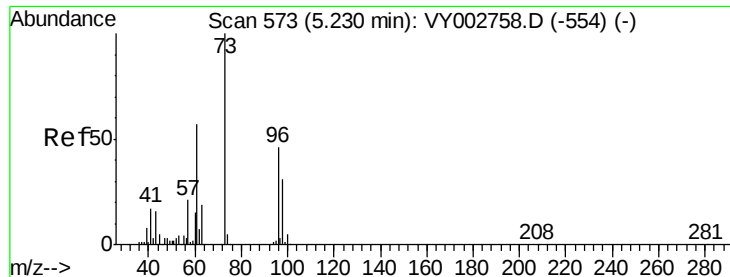
Tot Ion: 76 Resp: 176362
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 21.676 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion: 43 Resp: 36995
Ion Ratio Lower Upper
43 100
74 26.9 21.4 32.0



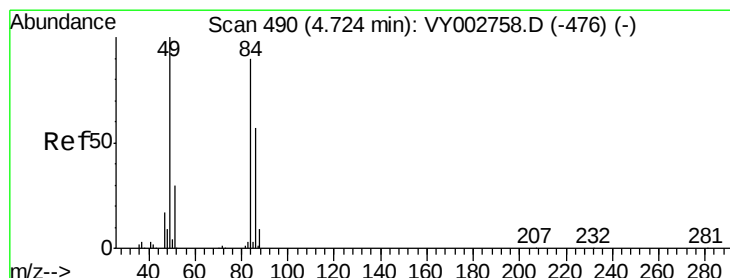
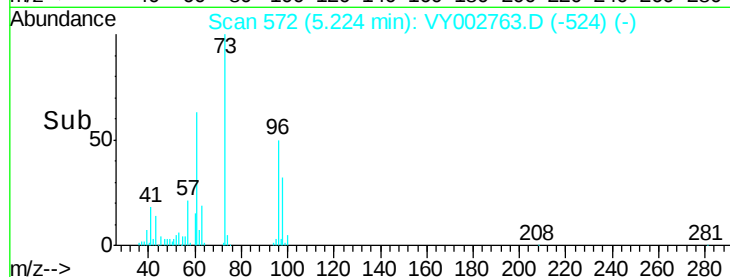
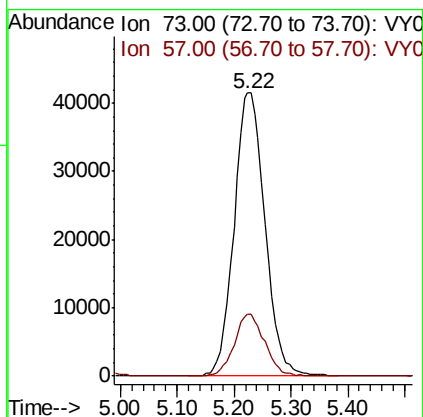
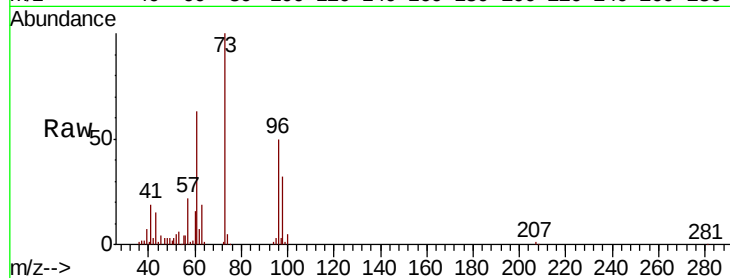


#19

Methyl tert-butyl Ether
 Concen: 20.505 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

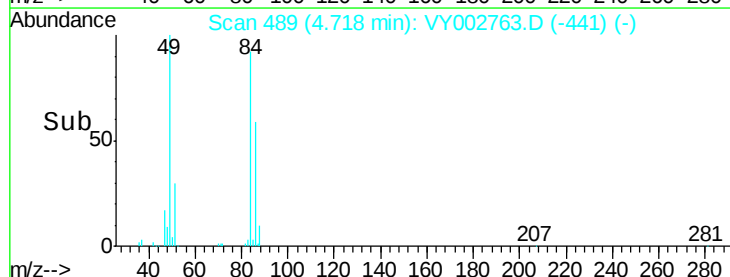
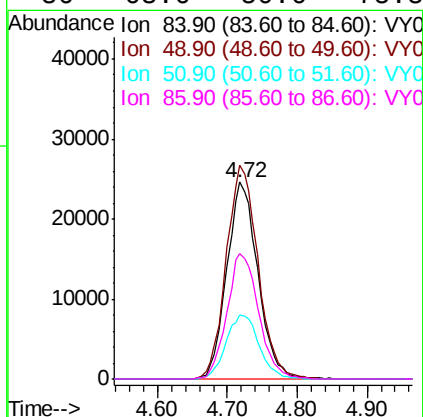
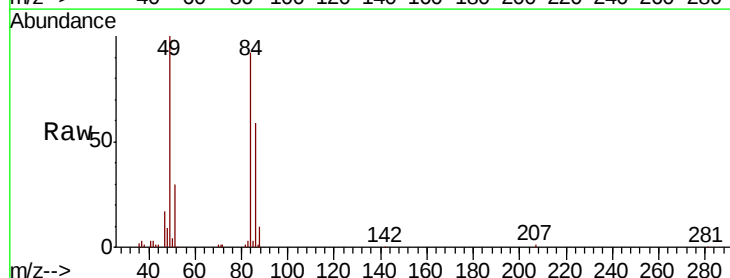
Tot Ion: 73 Resp: 156911
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.0 25.4



#20

Methylene Chloride
 Concen: 23.484 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion: 84 Resp: 76135
 Ion Ratio Lower Upper
 84 100
 49 108.4 88.5 132.7
 51 32.6 26.8 40.2
 86 63.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.625 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

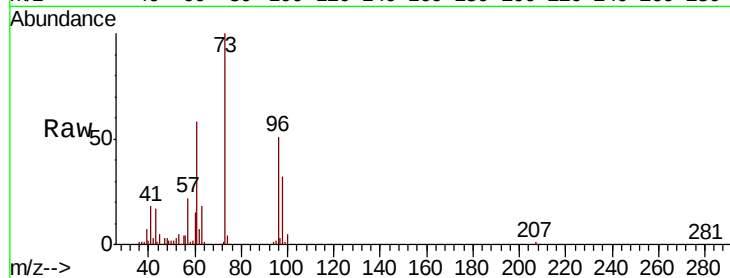
Tot Ion: 96 Resp: 64294

Ion Ratio Lower Upper

96 100

61 114.1 96.8 145.2

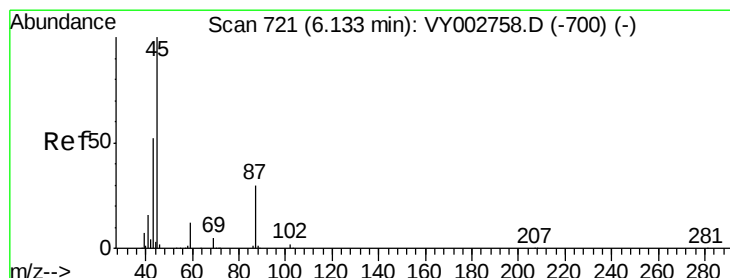
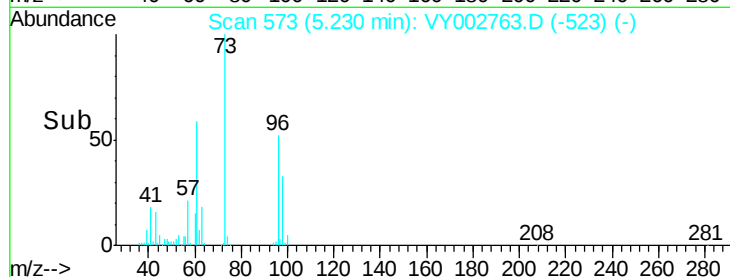
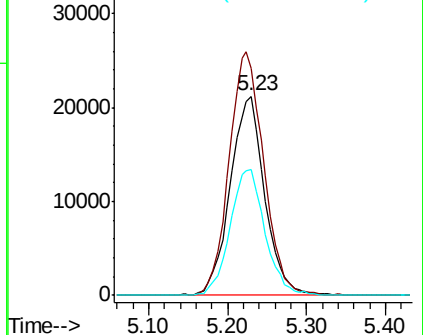
98 63.1 49.4 74.0



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: 21.007 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Tgt Ion: 45 Resp: 173543

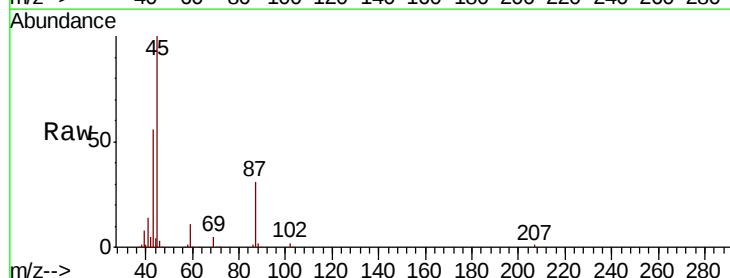
Ion Ratio Lower Upper

45 100

43 56.0 41.7 62.5

87 31.2 24.2 36.2

59 11.1 9.8 14.8

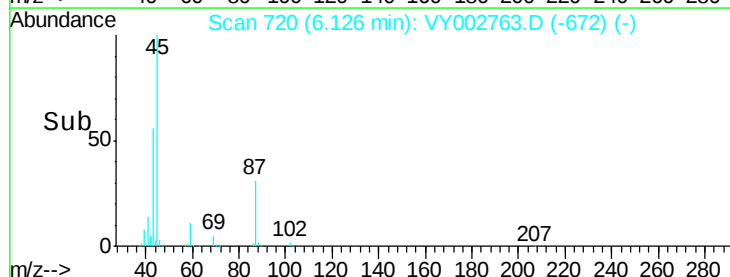
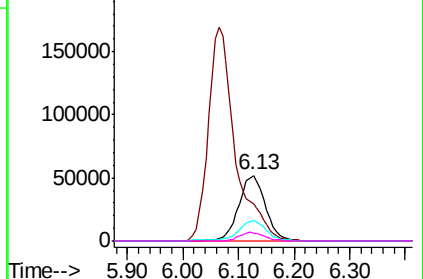


Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 104.368 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

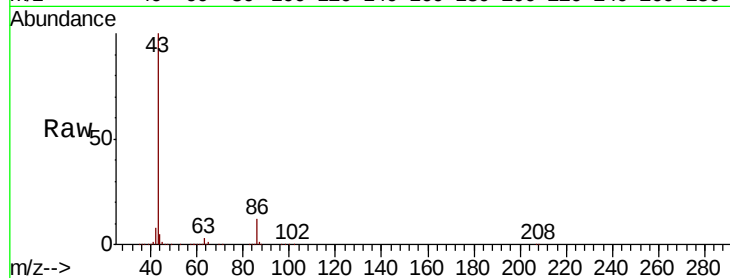
VY0527SBS01

Tot Ion: 43 Resp: 569259

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

6.07

150000

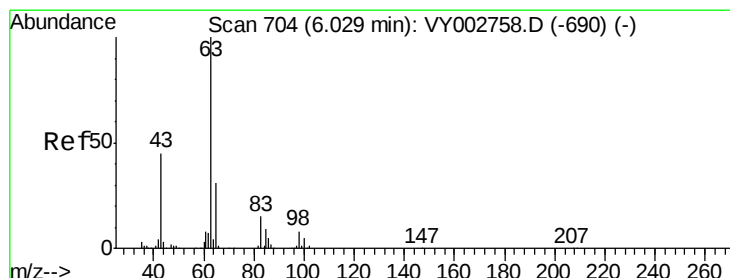
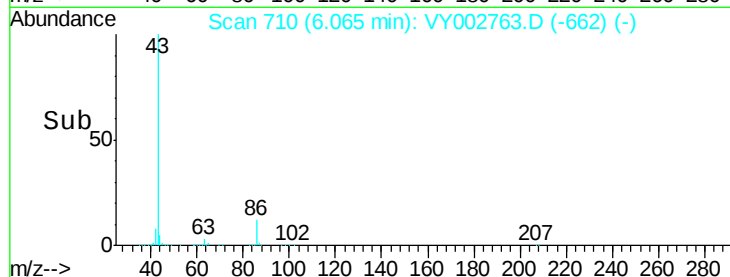
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.876 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

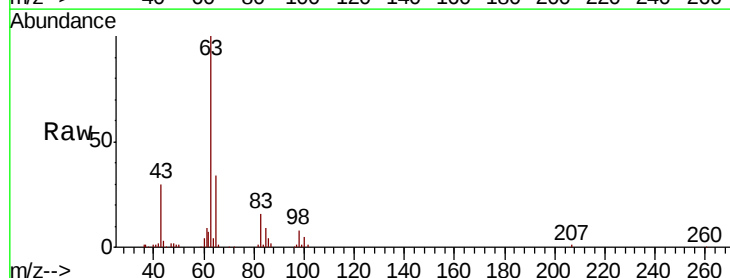
Tgt Ion: 63 Resp: 100889

Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.2

100 5.3 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

6.02

40000

30000

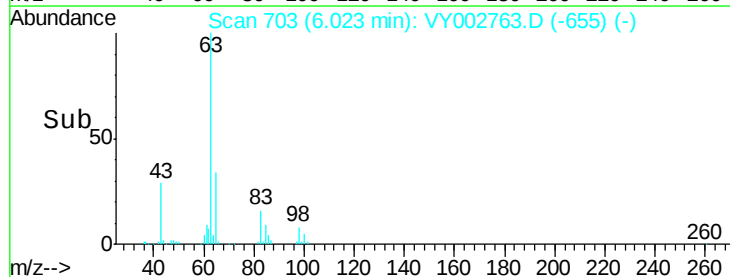
20000

10000

0

Time-->

5.90 6.00 6.10 6.20

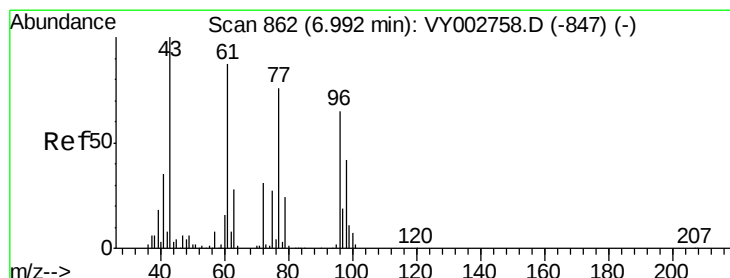
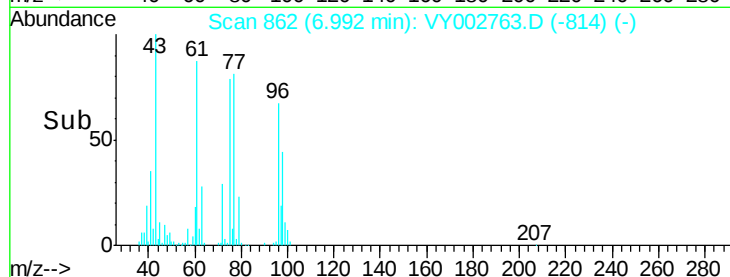
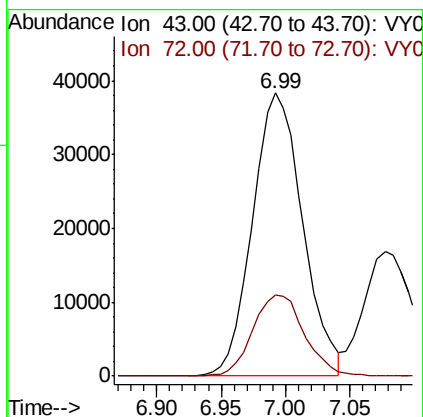
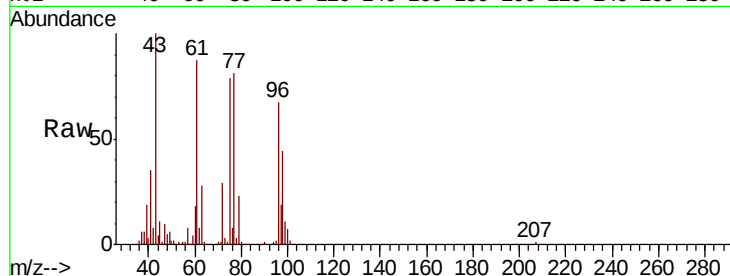




#25
2-Butanone
Concen: 100.254 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

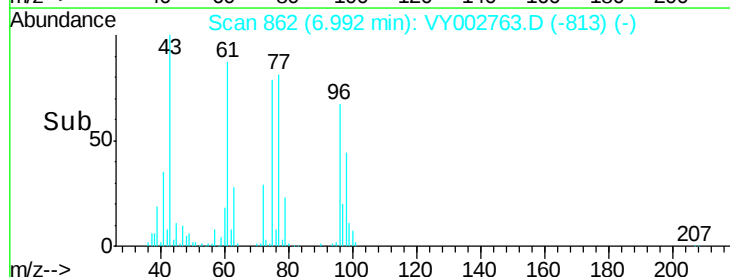
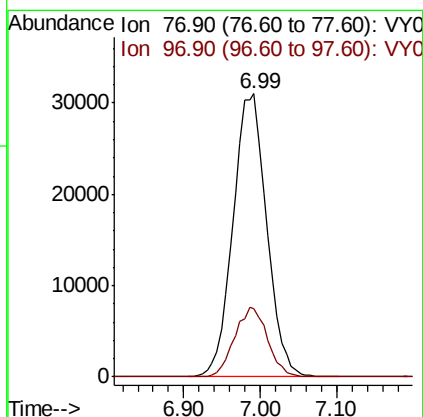
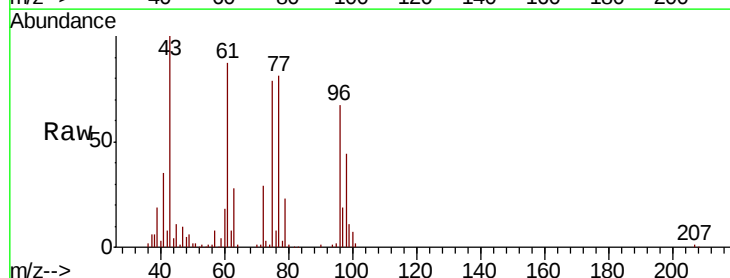
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion: 43 Resp: 103618
Ion Ratio Lower Upper
43 100
72 28.5 23.9 35.9



#26
2,2-Dichloropropane
Concen: 20.448 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion: 77 Resp: 94772
Ion Ratio Lower Upper
77 100
97 24.0 12.2 36.6



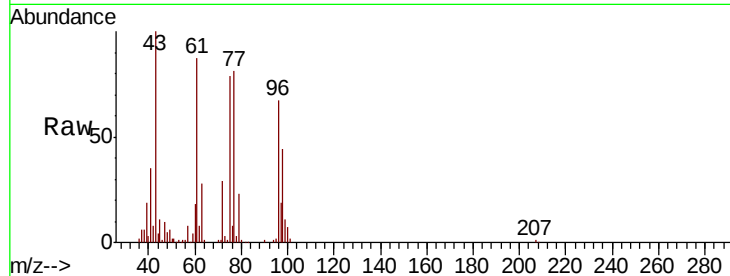


#27

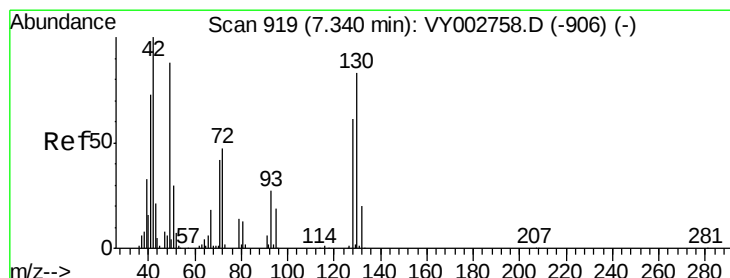
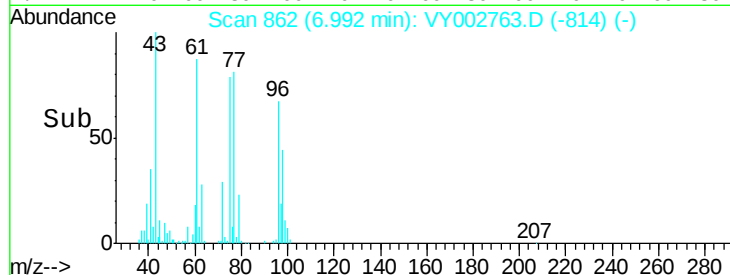
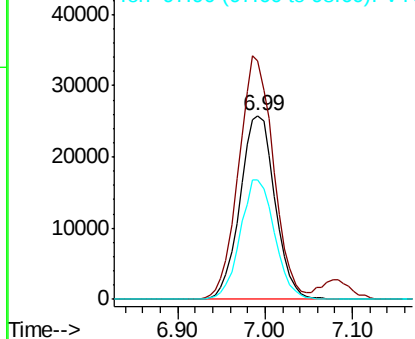
cis-1,2-Dichloroethene
 Concen: 20.473 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion: 96 Resp: 71445
 Ion Ratio Lower Upper
 96 100
 61 132.0 0.0 260.2
 98 64.2 0.0 128.2



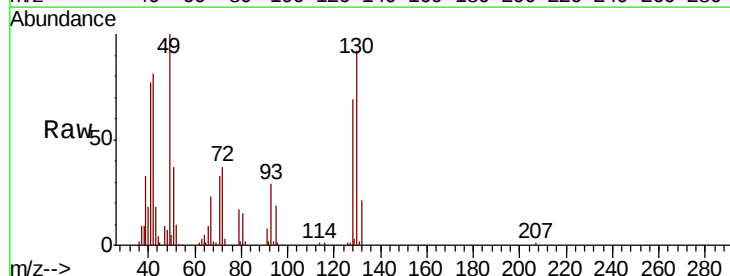
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



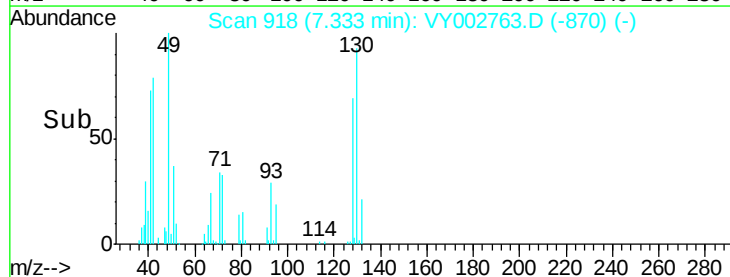
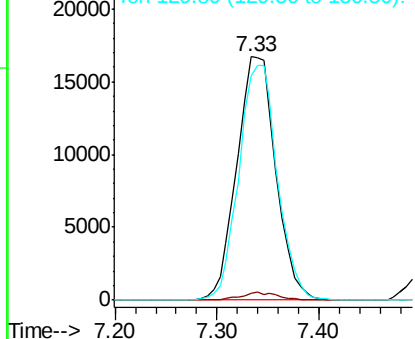
#28

Bromochloromethane
 Concen: 22.435 ug/l
 RT: 7.33 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion: 49 Resp: 44509
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.2
 130 95.0 77.1 115.7



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





#29

Tetrahydrofuran

Concen: 100.364 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

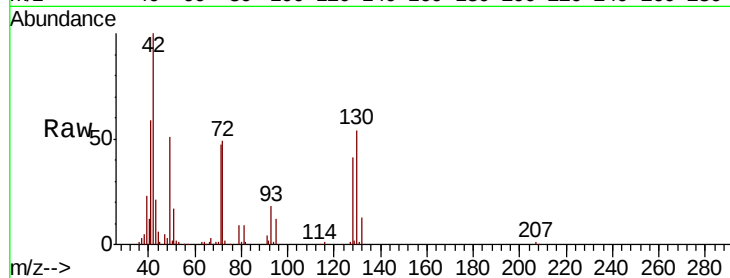
Tot Ion: 42 Resp: 67474

Ion Ratio Lower Upper

42 100

72 48.2 38.6 58.0

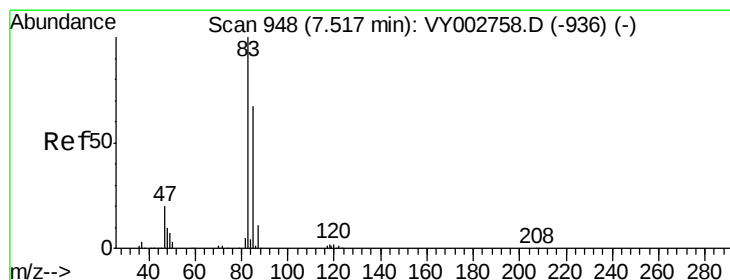
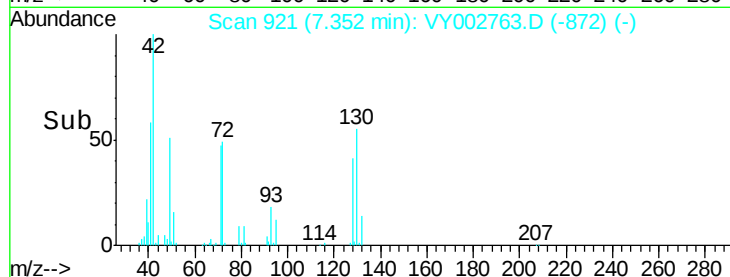
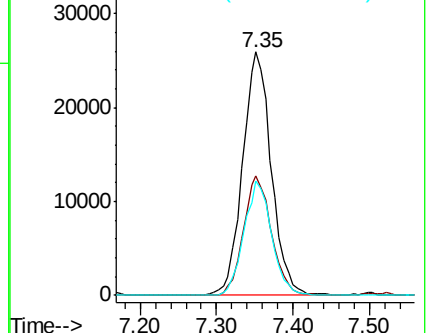
71 45.2 35.8 53.8



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: 20.553 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002763.D

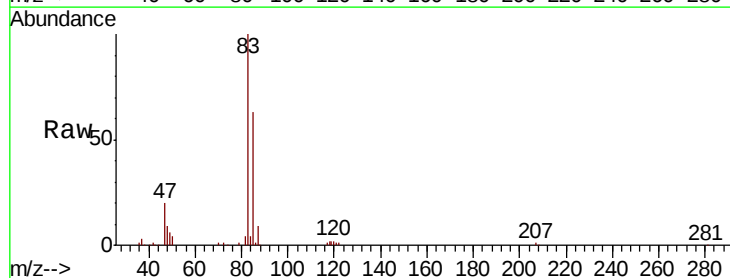
Acq: 27 May 2020 14:51

Tgt Ion: 83 Resp: 105399

Ion Ratio Lower Upper

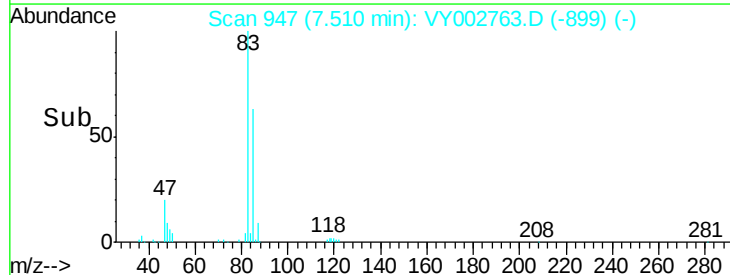
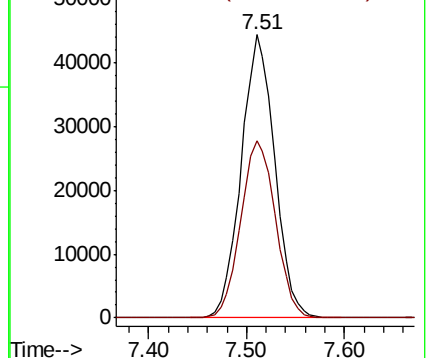
83 100

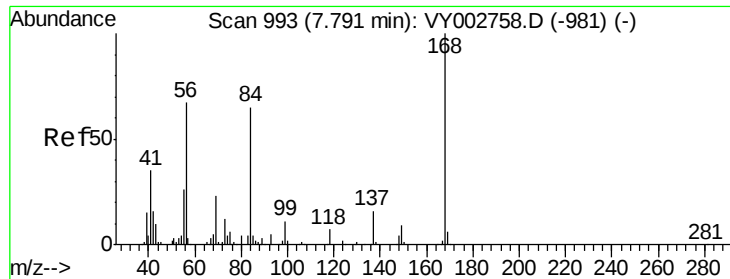
85 62.5 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.929 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

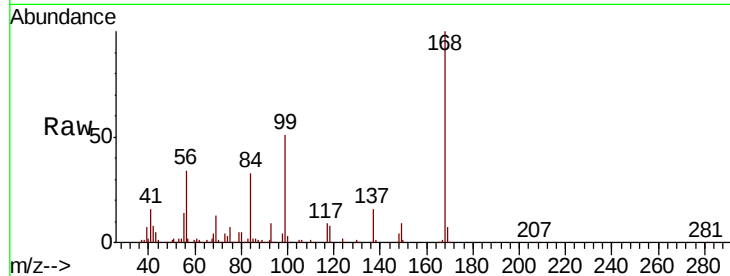
Tot Ion: 56 Resp: 100420

Ion Ratio Lower Upper

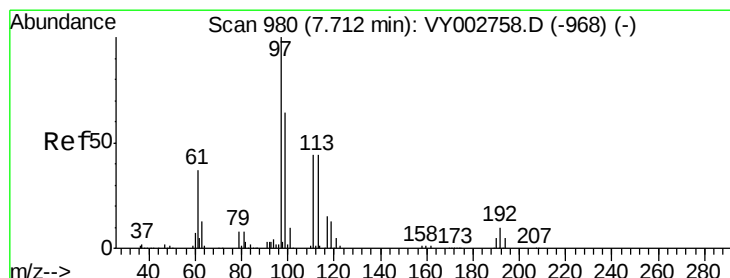
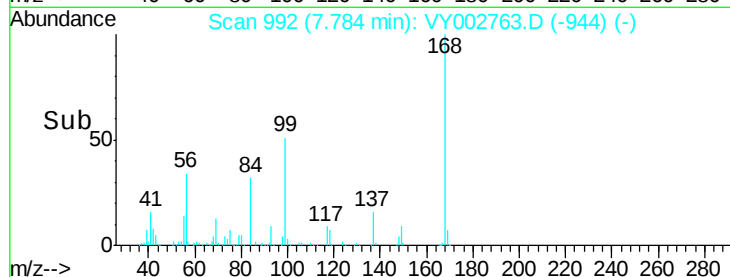
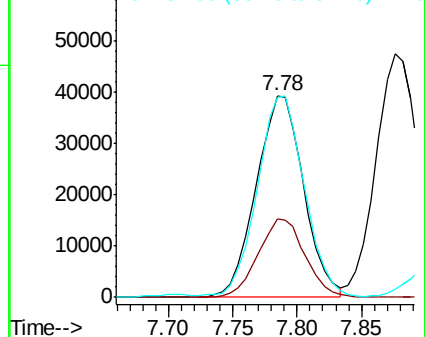
56 100

69 38.8 28.0 42.0

84 97.9 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: 20.424 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

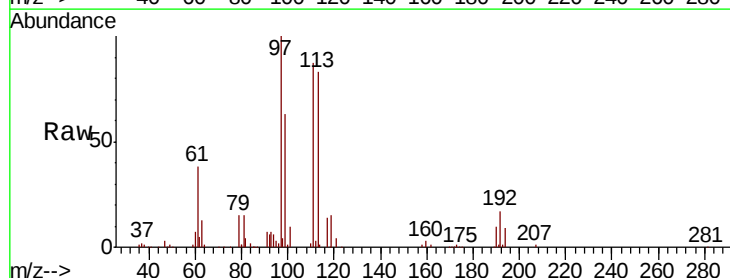
Tgt Ion: 97 Resp: 97599

Ion Ratio Lower Upper

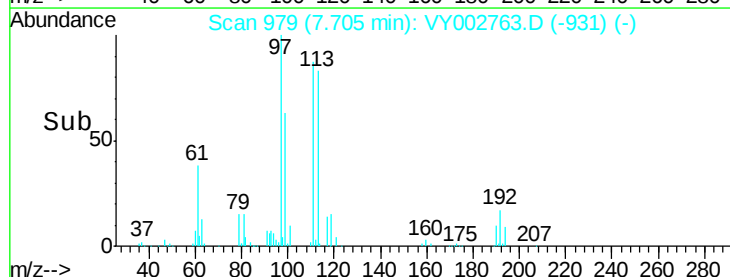
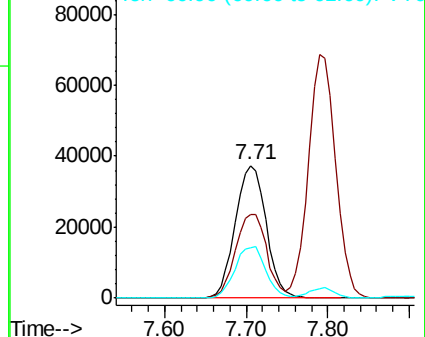
97 100

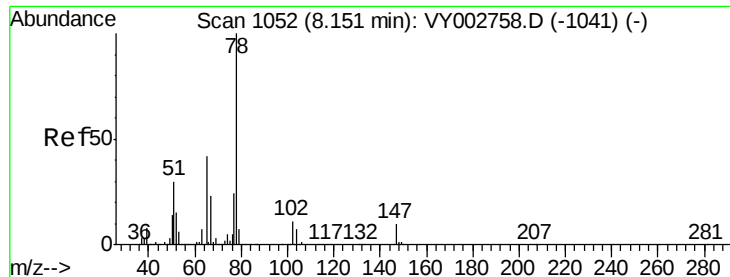
99 64.1 51.4 77.0

61 38.7 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

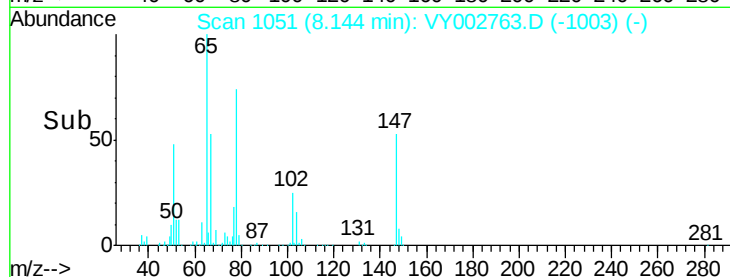
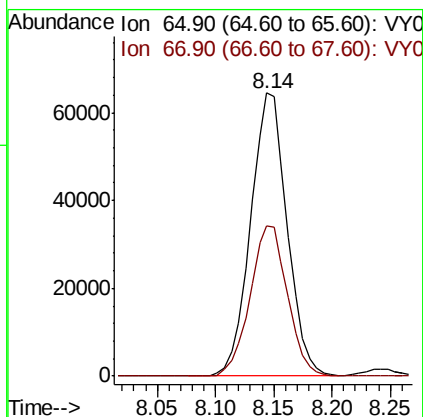
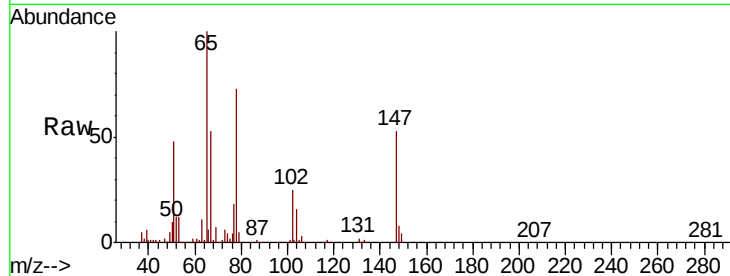




#33
 1,2-Dichloroethane-d4
 Concen: 49.370 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

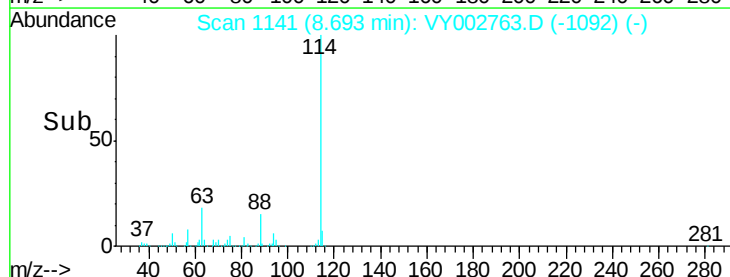
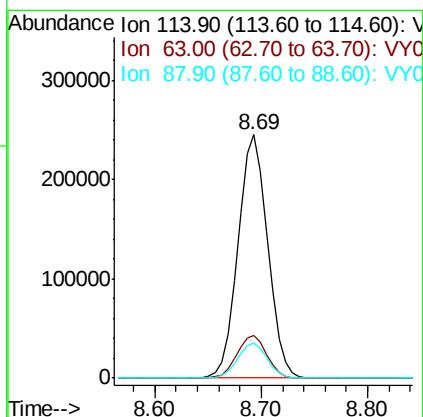
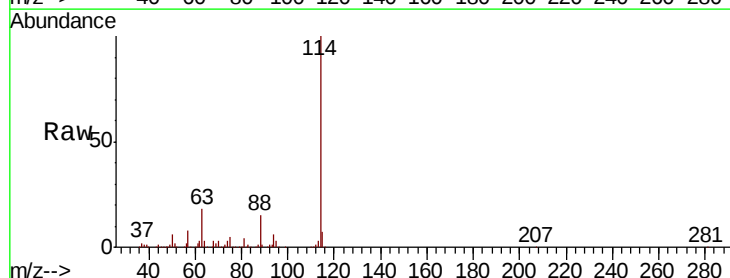
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion: 65 Resp: 139674
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion: 114 Resp: 479754
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.2
 88 14.5 0.0 29.2

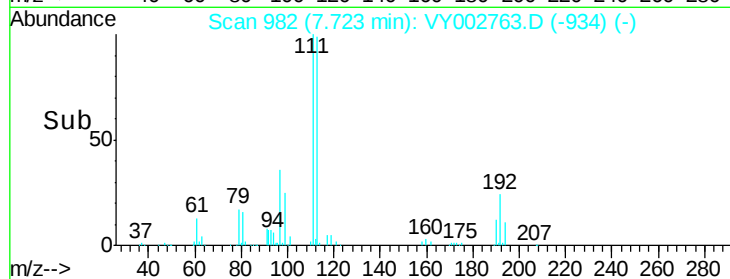
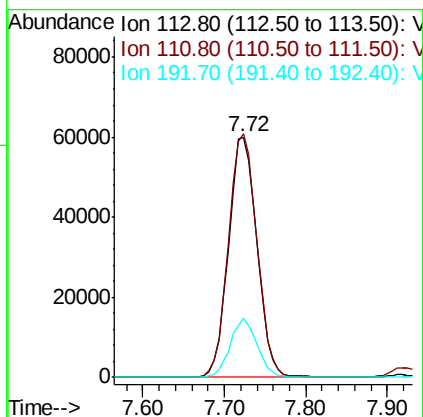
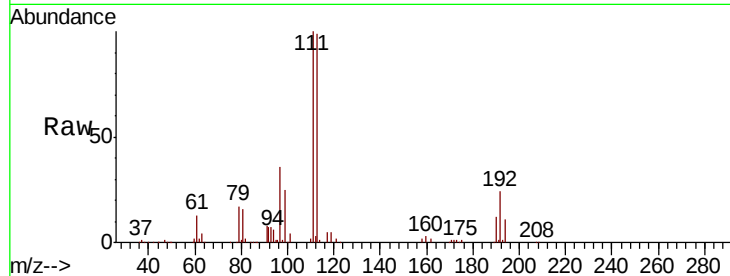




#35
 Dibromofluoromethane
 Concen: 51.033 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

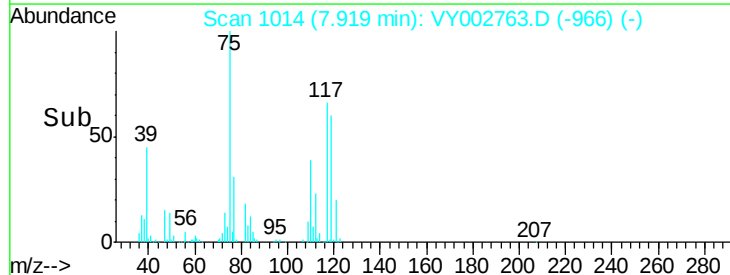
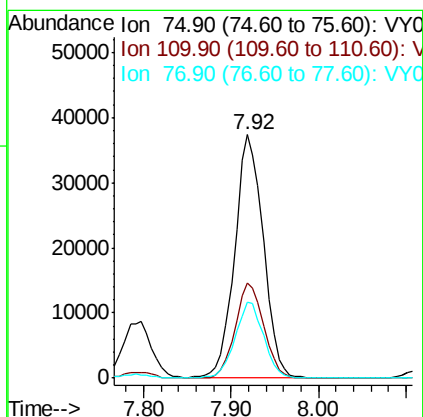
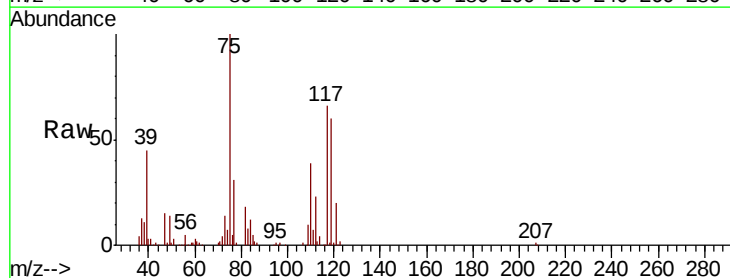
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

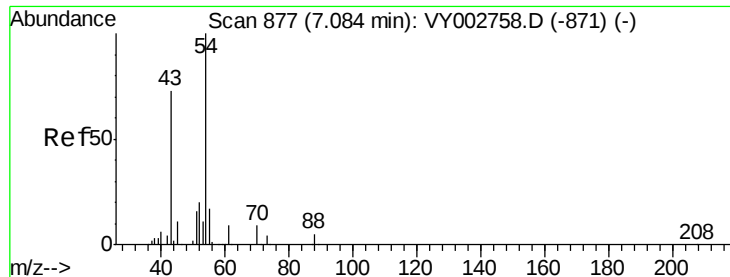
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	23.3	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.026 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.8	19.3	57.9
77	30.9	24.8	37.2

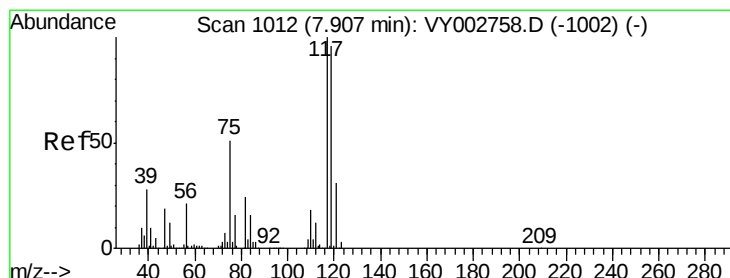
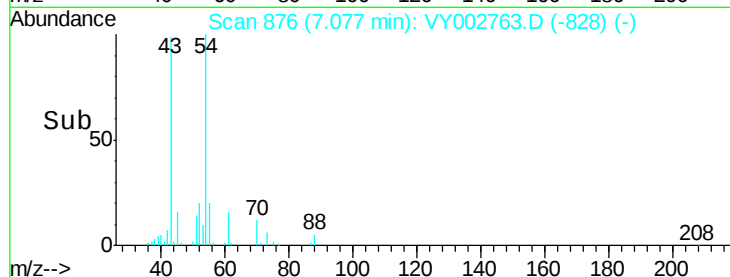
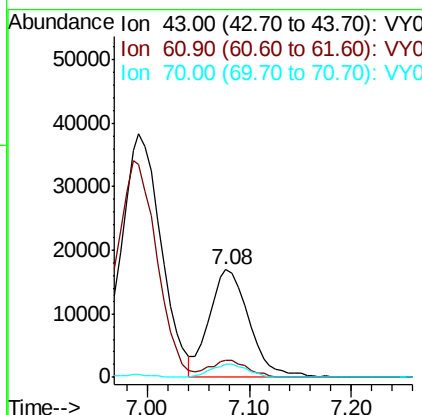
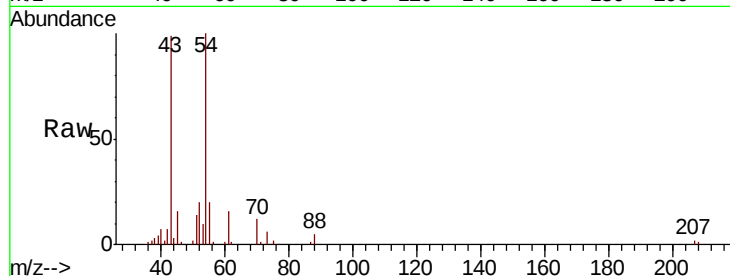




#37
Ethyl Acetate
Concen: 20.814 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

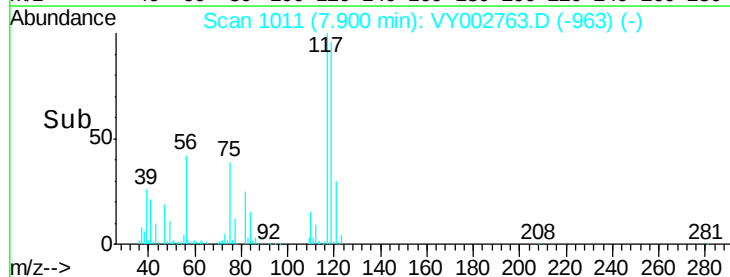
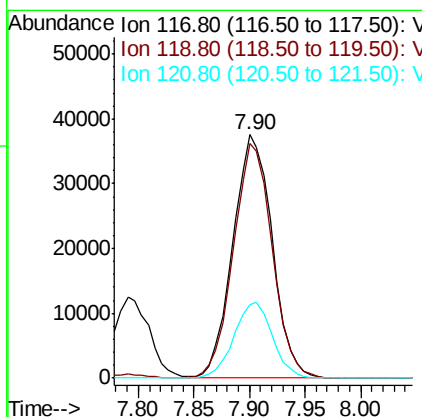
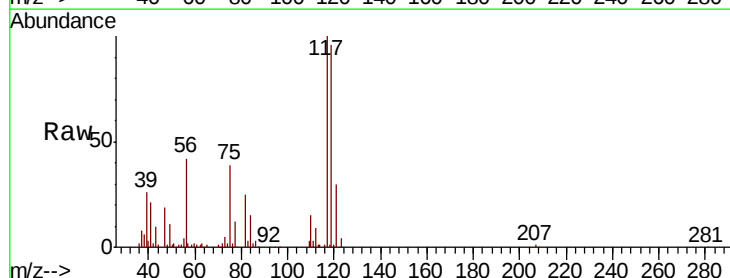
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

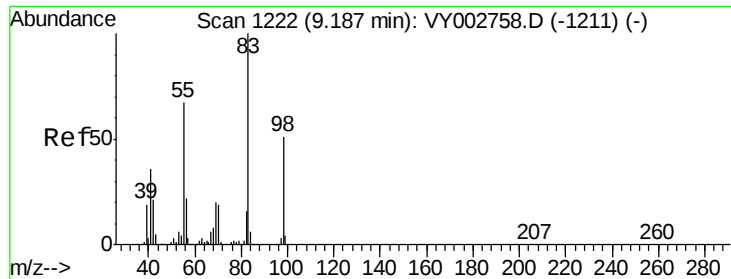
Tot Ion: 43 Resp: 45765
Ion Ratio Lower Upper
43 100
61 15.3 11.9 17.9
70 11.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.520 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion: 117 Resp: 92124
Ion Ratio Lower Upper
117 100
119 96.3 76.8 115.2
121 30.4 24.8 37.2

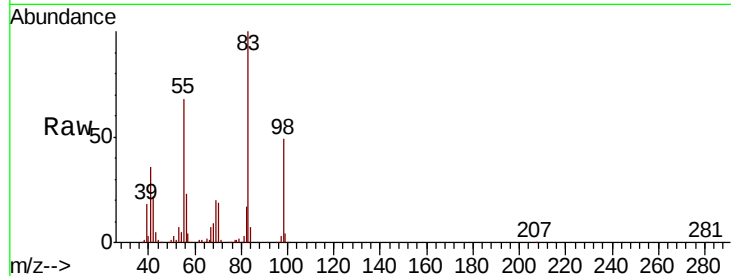




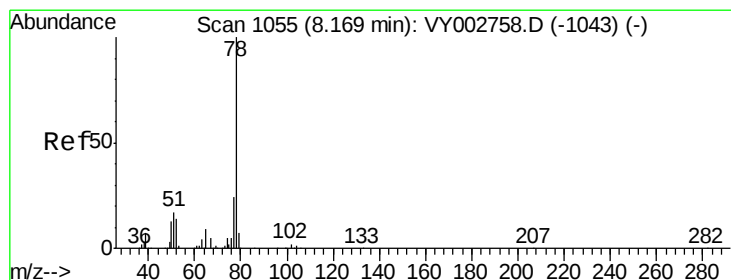
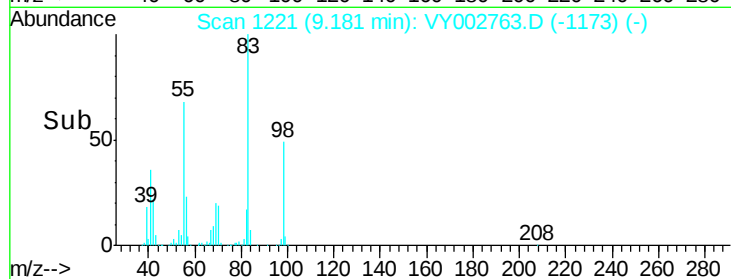
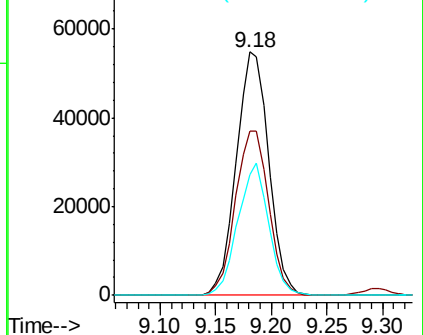
#39
Methvlcvclohexane
Concen: 20.804 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion: 83 Resp: 110819
Ion Ratio Lower Upper
83 100
55 67.7 53.3 79.9
98 49.5 41.1 61.7

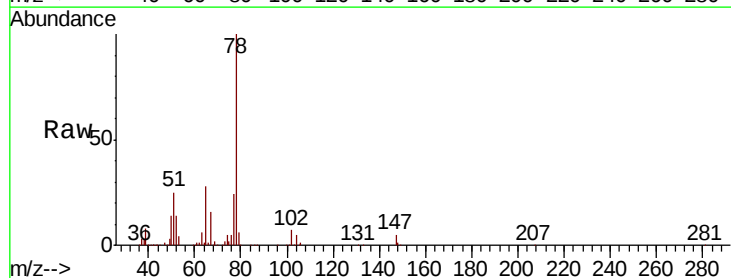


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

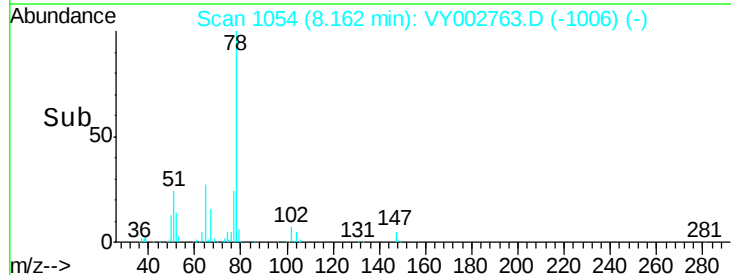
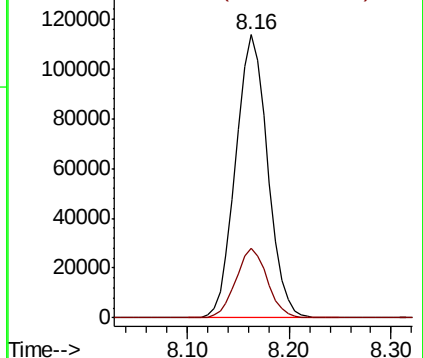


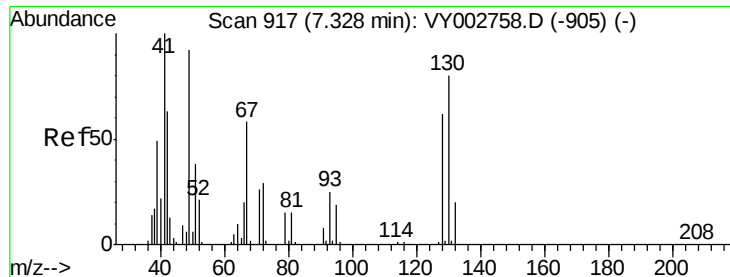
#40
Benzene
Concen: 20.669 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion: 78 Resp: 246820
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2



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

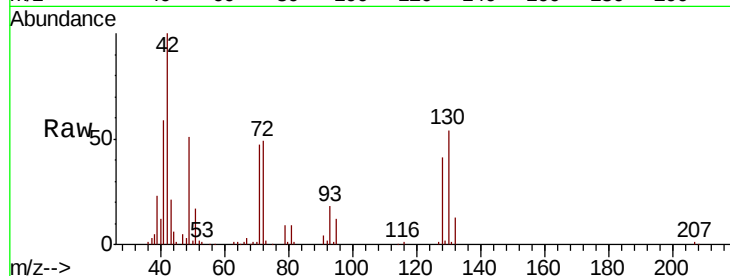




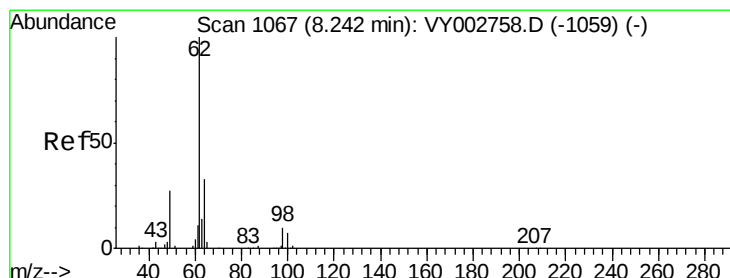
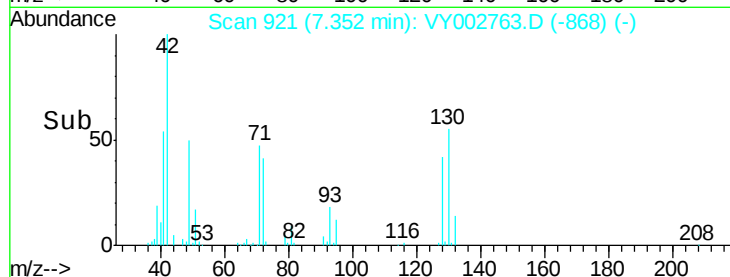
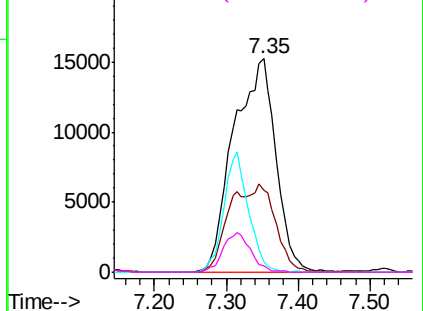
#41
Methacrylonitrile
Concen: 52.507 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion: 41 Resp: 62024
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

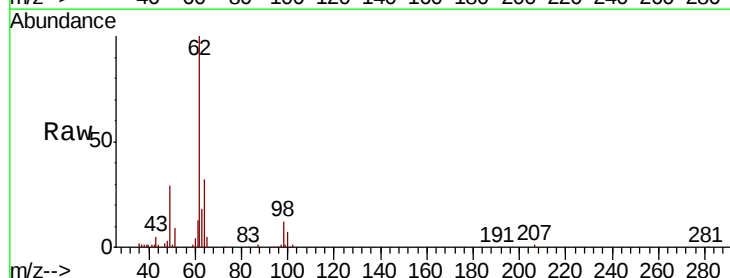


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

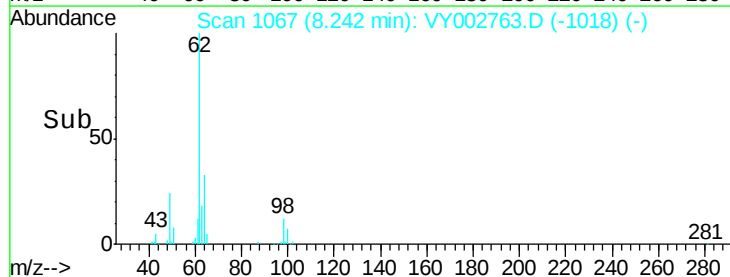
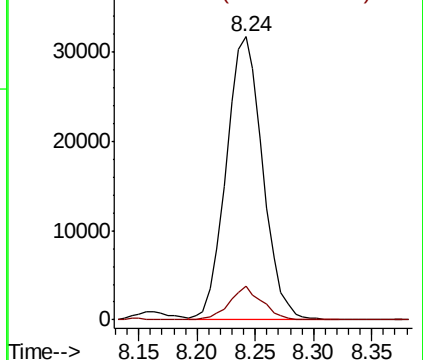


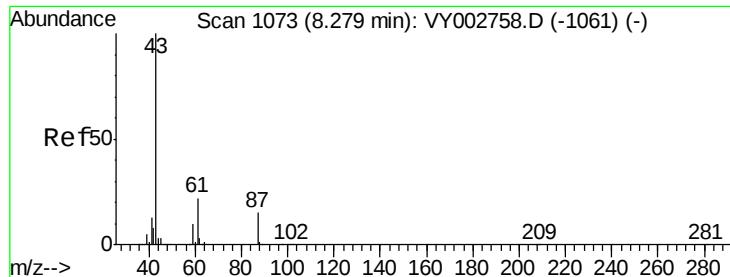
#42
1,2-Dichloroethane
Concen: 20.582 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion: 62 Resp: 68881
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.6



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



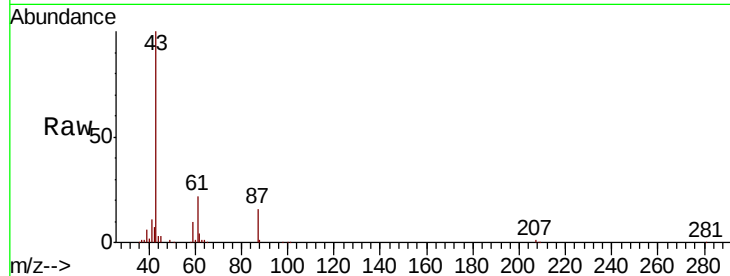


#43

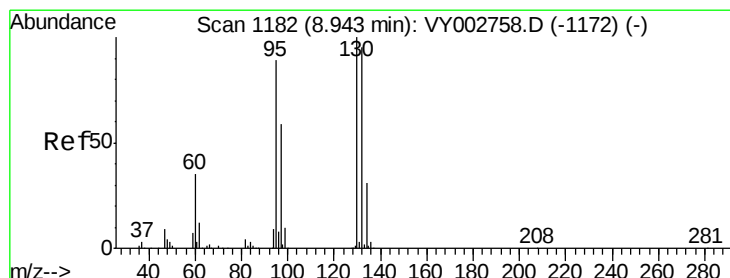
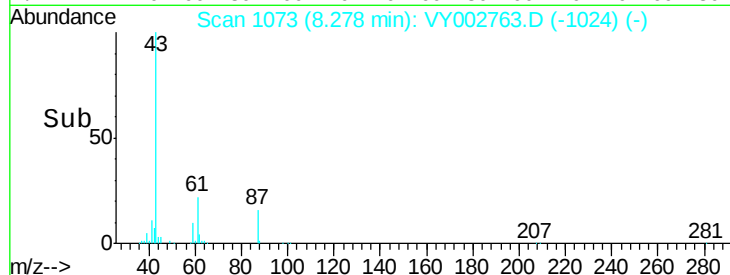
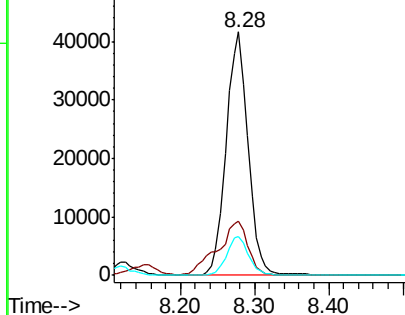
Isopropyl Acetate
 Concen: 20.536 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	43	Resp	85568
Ion Ratio	Lower	Upper	
43	100		
61	30.9	24.8	37.2
87	16.0	12.4	18.6



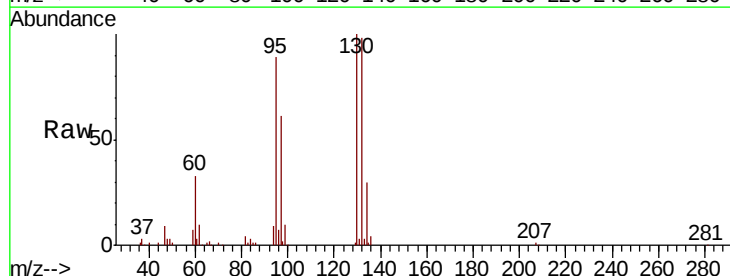
Abundance Ion 43.00 (42.70 to 43.70): VY002763.D (-1024) (-)
 Ion 61.00 (60.70 to 61.70): VY002763.D (-1024) (-)
 Ion 87.00 (86.70 to 87.70): VY002763.D (-1024) (-)



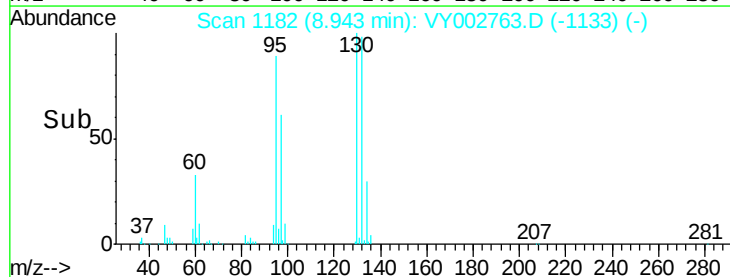
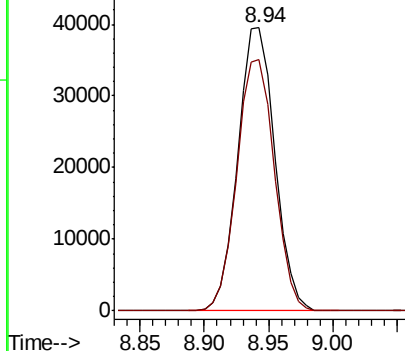
#44

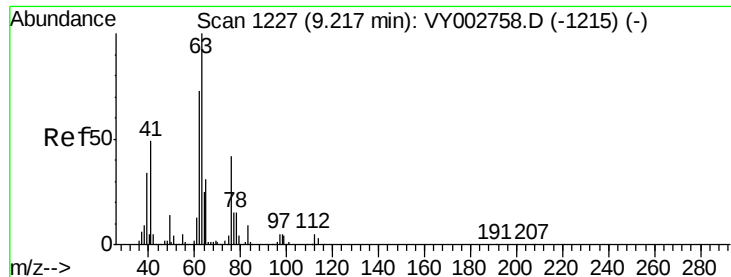
Trichloroethene
 Concen: 20.850 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion	130	Resp	78644
Ion Ratio	Lower	Upper	
130	100		
95	88.8	0.0	178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002763.D (-1133) (-)
 Ion 94.90 (94.60 to 95.60): VY002763.D (-1133) (-)

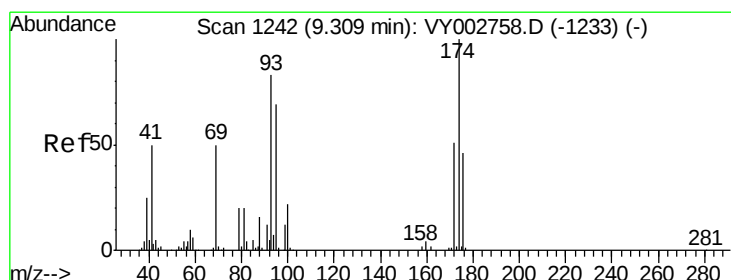
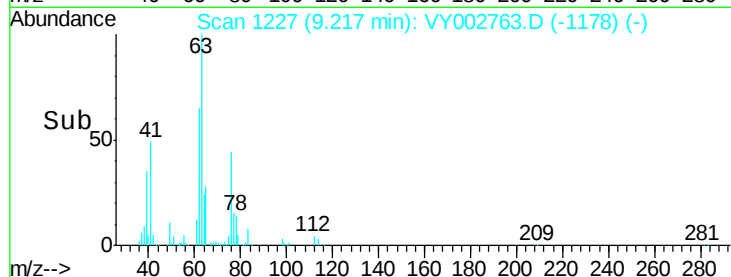
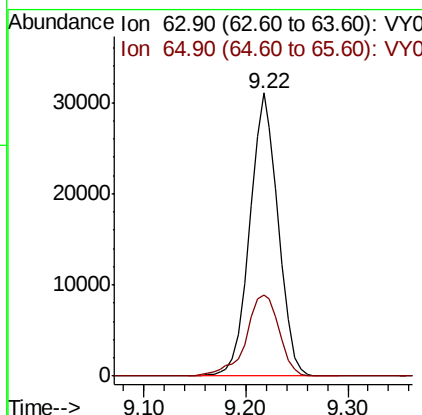
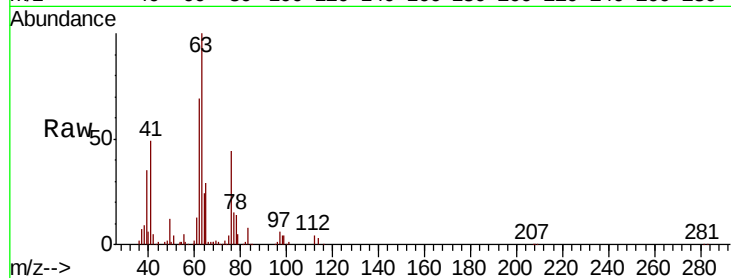




#45
 1,2-Dichloropropane
 Concen: 20.981 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

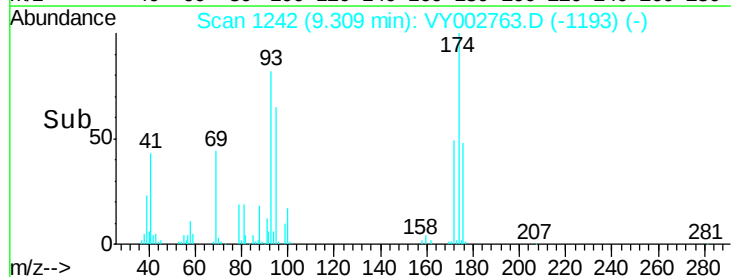
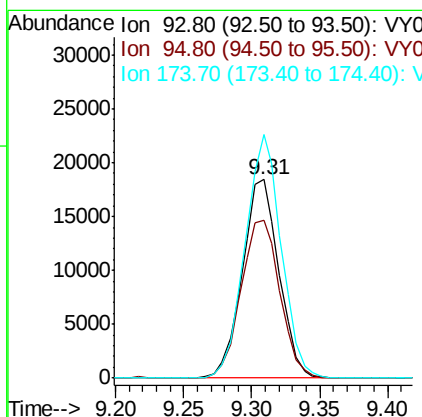
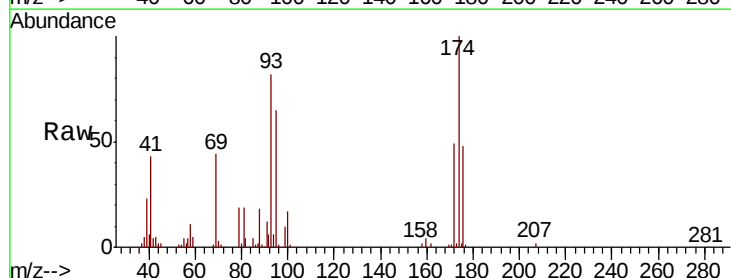
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion: 63 Resp: 60081
 Ion Ratio Lower Upper
 63 100
 65 28.7 24.8 37.2



#46
 Dibromomethane
 Concen: 20.466 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion: 93 Resp: 34806
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.9 100.3
 174 120.6 97.7 146.5





#47

Bromodichloromethane

Concen: 20.318 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

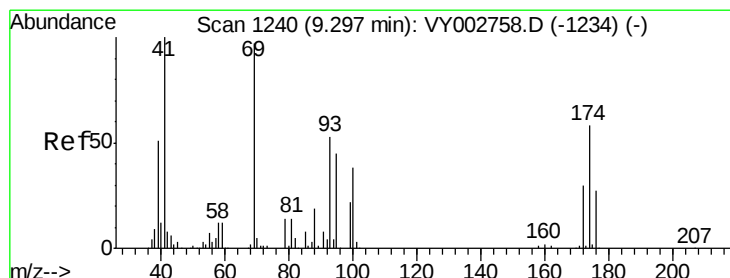
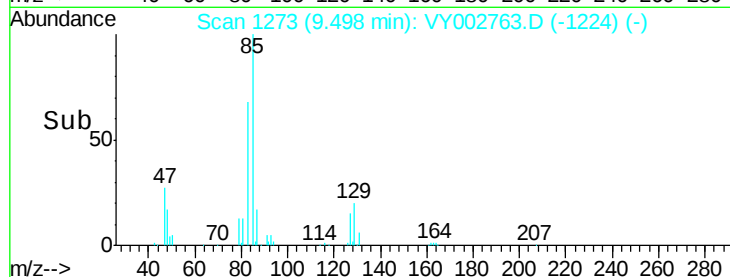
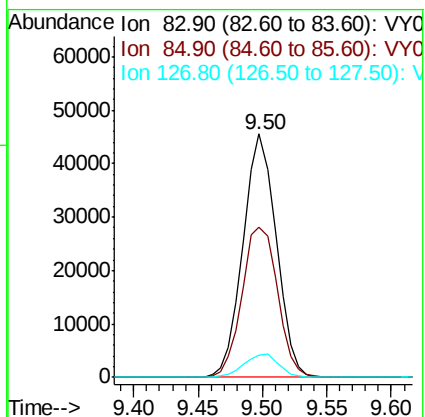
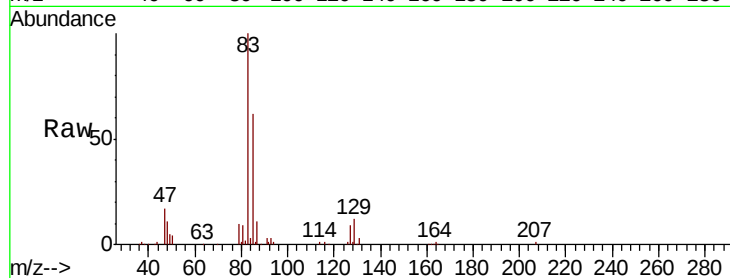
Tot Ion: 83 Resp: 81462

Ion Ratio Lower Upper

83 100

85 61.6 51.9 77.9

127 9.3 7.1 10.7



#48

Methyl methacrylate

Concen: 20.186 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

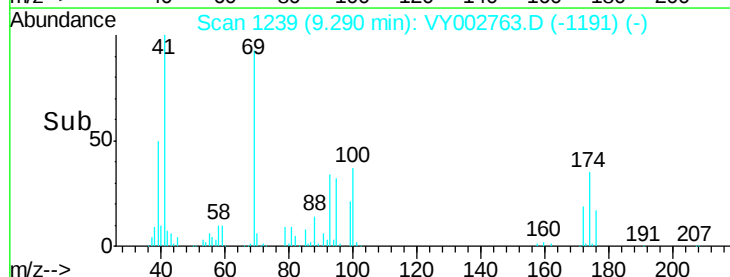
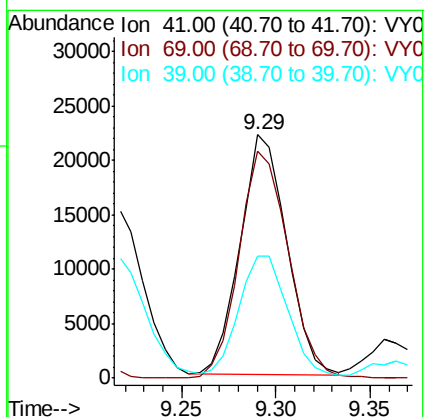
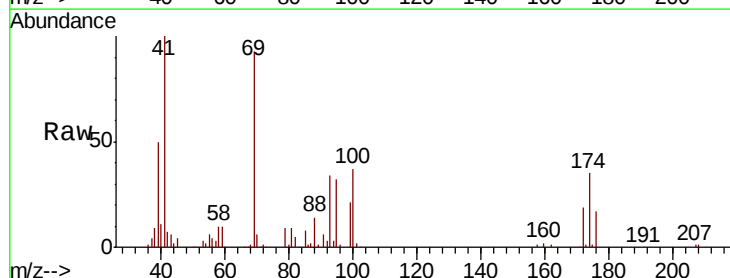
Tgt Ion: 41 Resp: 37970

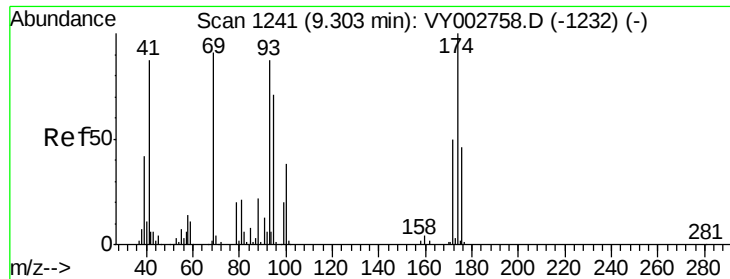
Ion Ratio Lower Upper

41 100

69 99.8 79.7 119.5

39 51.7 43.3 64.9

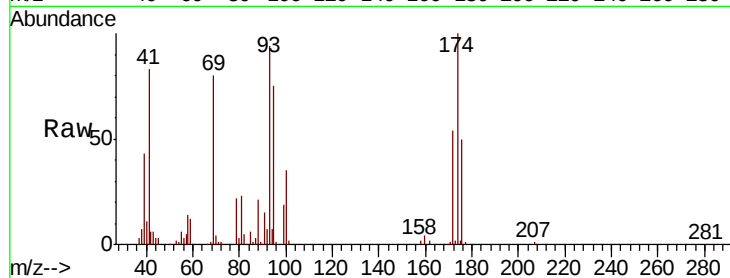




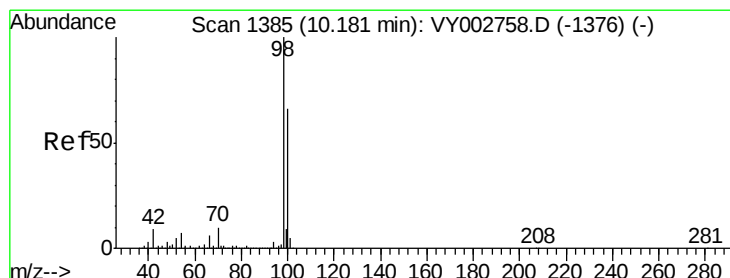
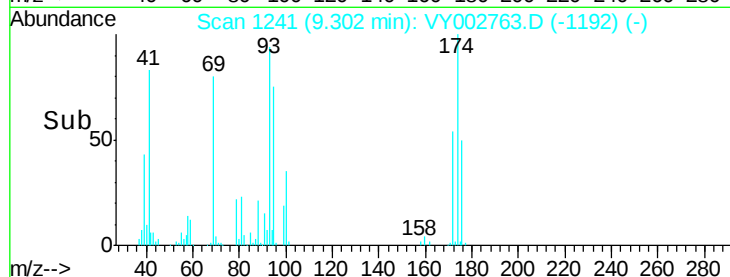
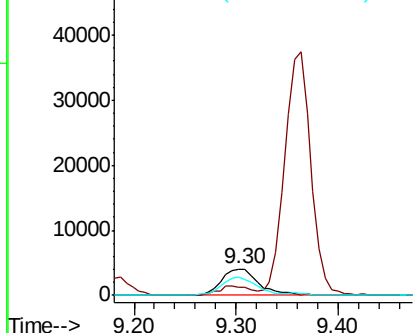
#49
1,4-Dioxane
Concen: 394.432 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion: 88 Resp: 10300
Ion Ratio Lower Upper
88 100
43 29.7 21.3 31.9
58 64.6 52.2 78.2

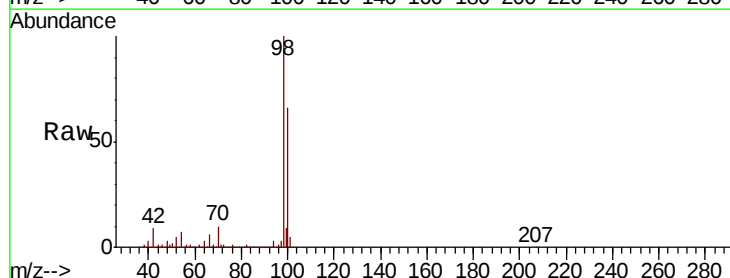


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

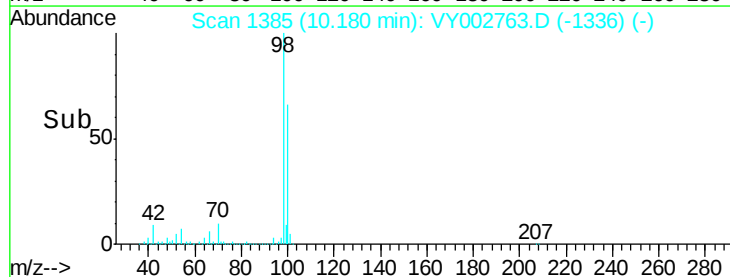
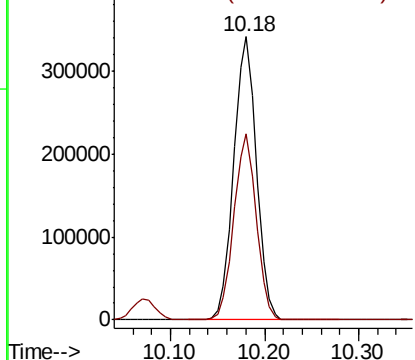


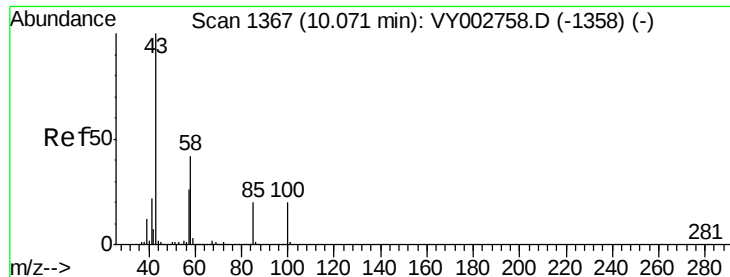
#50
Toluene-d8
Concen: 50.088 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion: 98 Resp: 569408
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 101.310 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampled :

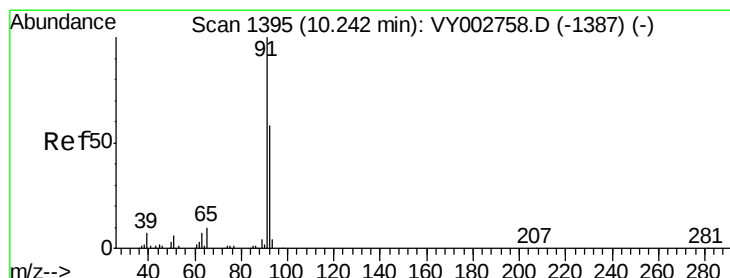
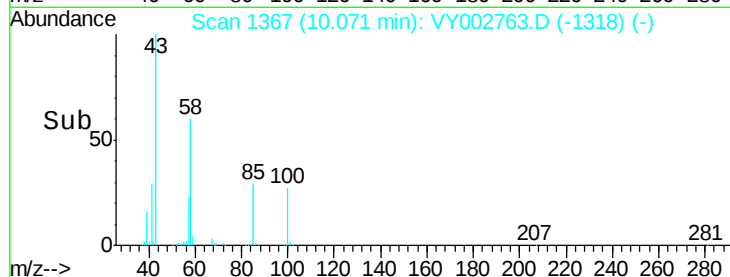
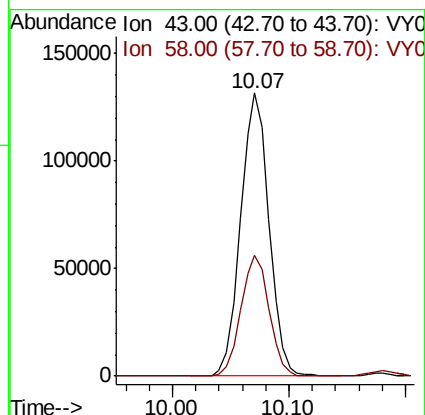
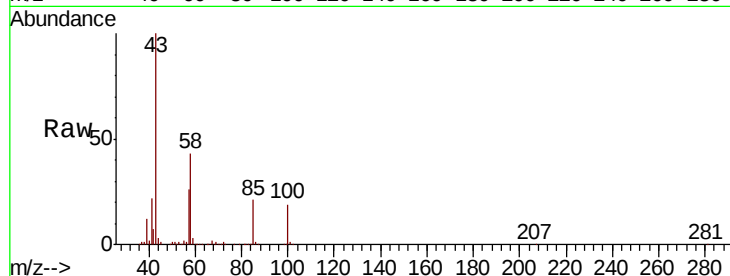
VY0527SBS01

Tot Ion: 43 Resp: 223528

Ion Ratio Lower Upper

43 100

58 42.5 34.2 51.2



#52

Toluene

Concen: 20.600 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002763.D

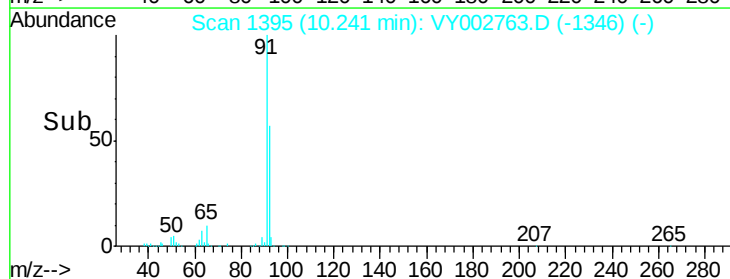
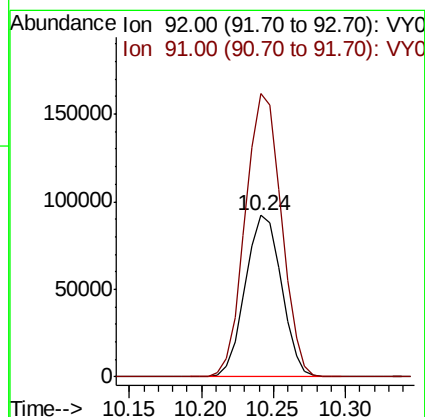
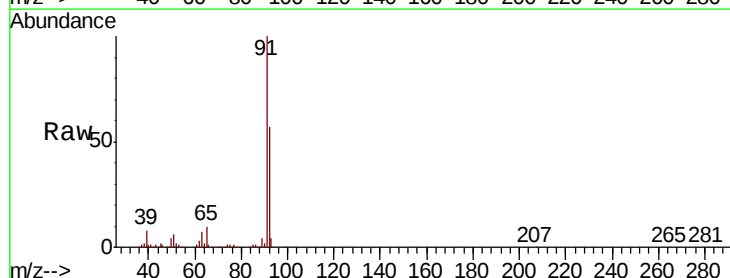
Acq: 27 May 2020 14:51

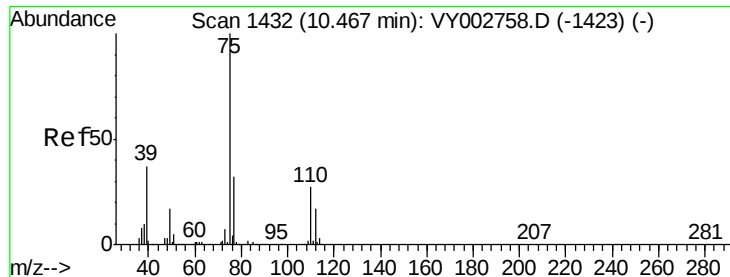
Tgt Ion: 92 Resp: 160923

Ion Ratio Lower Upper

92 100

91 174.6 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 20.571 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

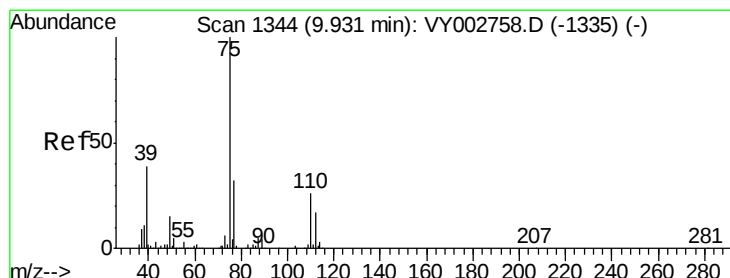
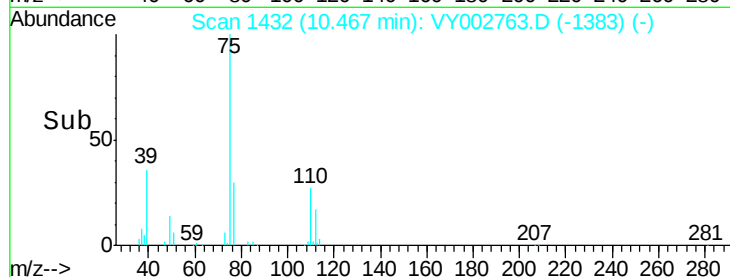
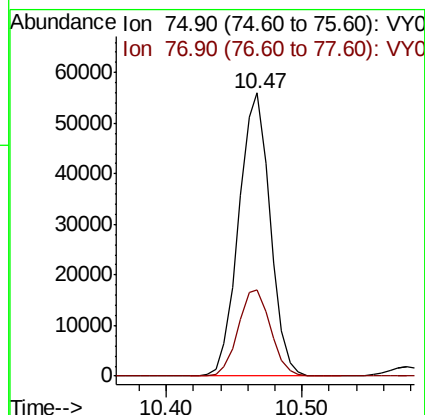
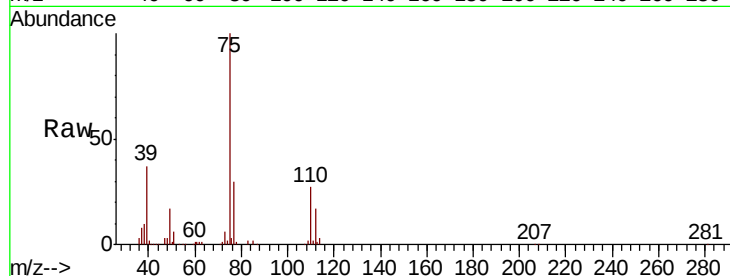
VY0527SBS01

Tot Ion: 75 Resp: 90085

Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 20.739 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

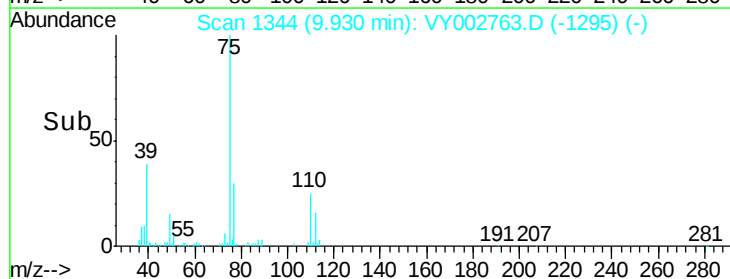
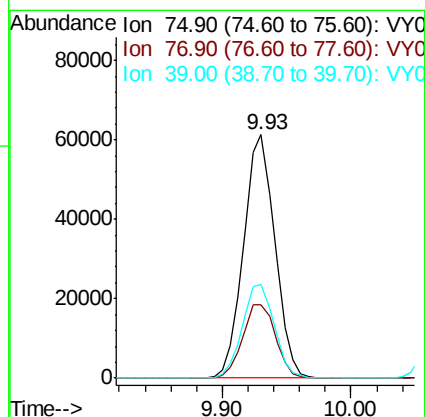
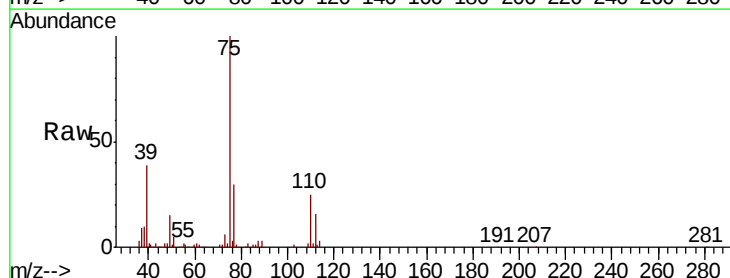
Tgt Ion: 75 Resp: 102910

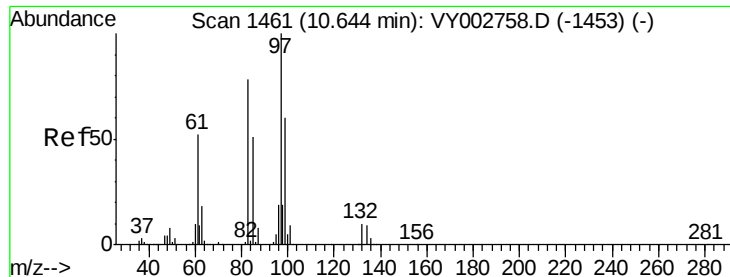
Ion Ratio Lower Upper

75 100

77 30.2 25.6 38.4

39 38.7 31.3 46.9





#55

1,1,2-Trichloroethane

Concen: 20.477 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 97 Resp: 53317

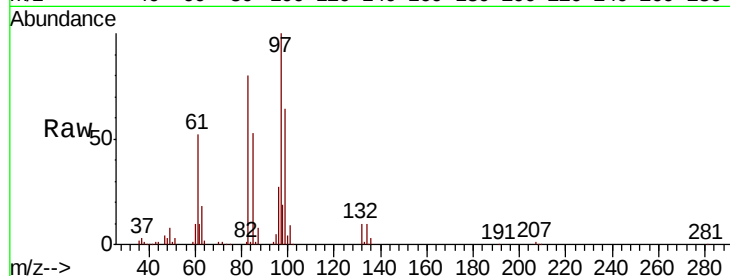
Ion Ratio Lower Upper

97 100

83 79.6 62.7 94.1

85 52.6 40.6 60.8

99 64.4 48.2 72.4

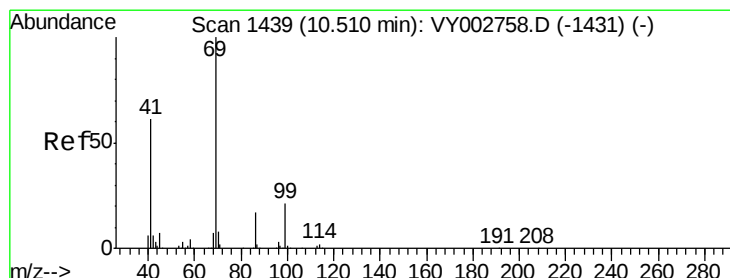
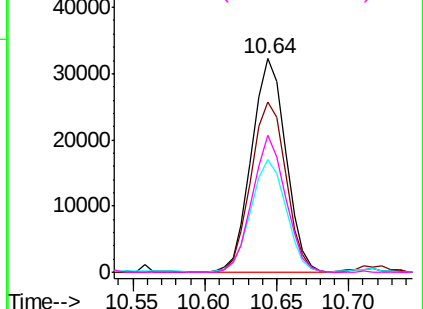
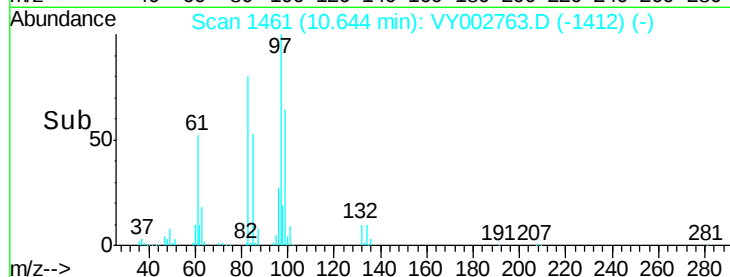


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 20.469 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

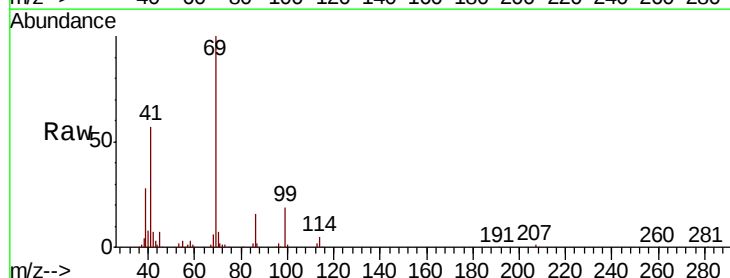
Tgt Ion: 69 Resp: 71385

Ion Ratio Lower Upper

69 100

41 59.5 47.0 70.4

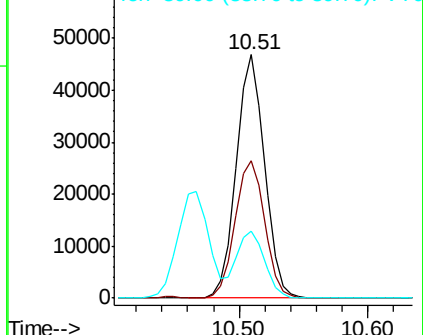
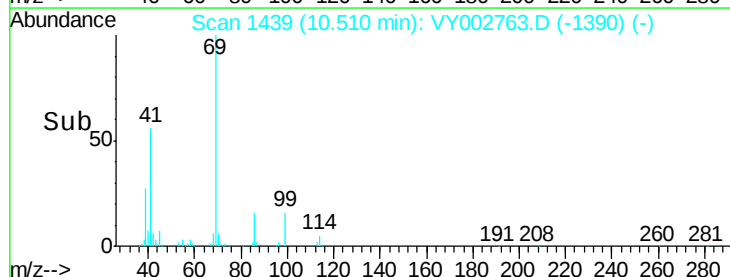
39 28.5 22.0 33.0



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: 20.435 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

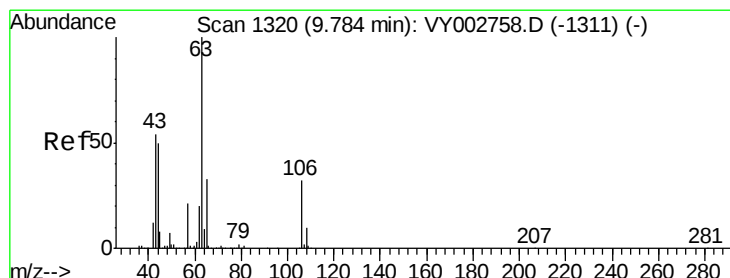
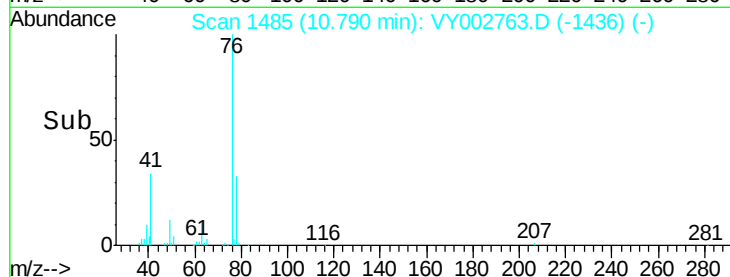
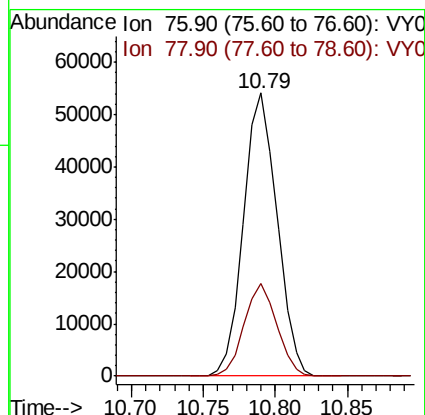
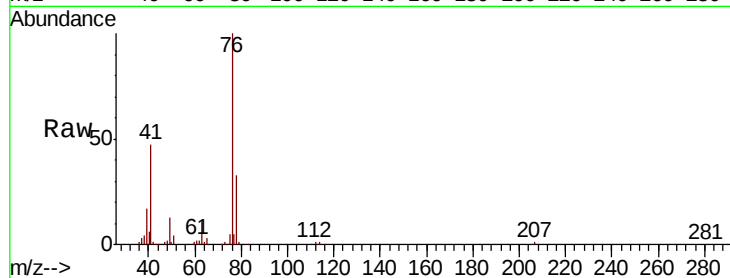
VY0527SBS01

Tot Ion: 76 Resp: 87512

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 103.948 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002763.D

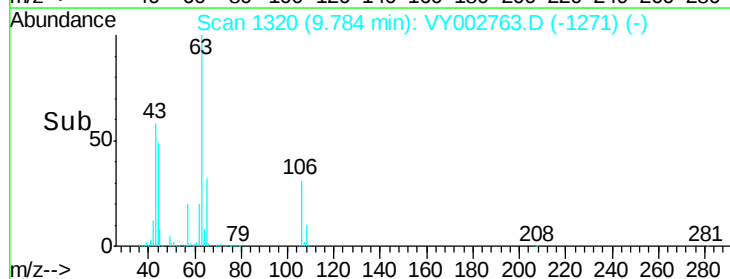
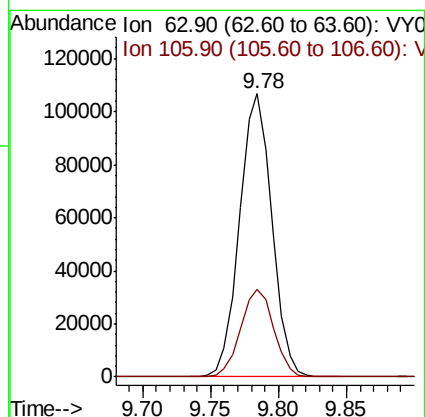
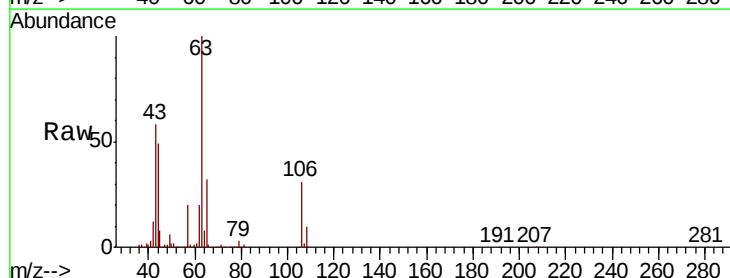
Acq: 27 May 2020 14:51

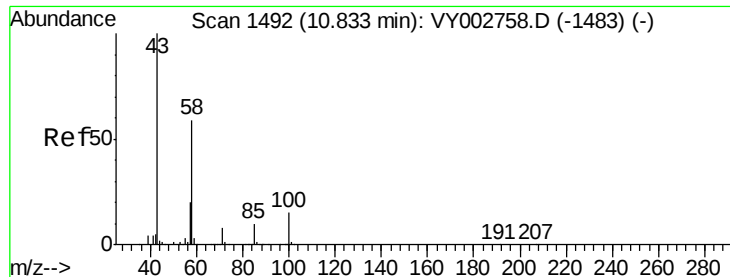
Tgt Ion: 63 Resp: 177132

Ion Ratio Lower Upper

63 100

106 31.6 25.4 38.2





#59

2-Hexanone

Concen: 102.023 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

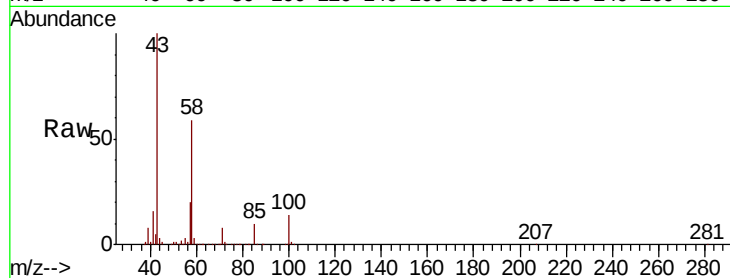
VY0527SBS01

Tot Ion: 43 Resp: 159716

Ion Ratio Lower Upper

43 100

58 58.8 29.5 88.5



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-1483) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-1483) (-)

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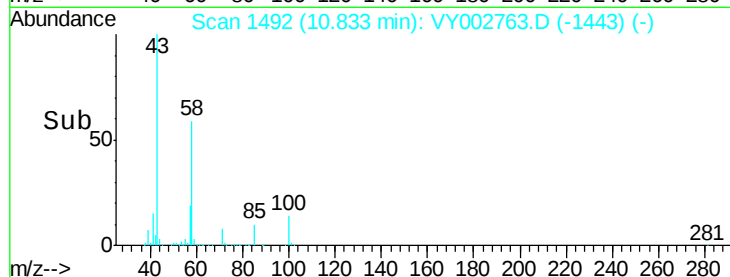
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Abundance Ion 43.00 (42.70 to 43.70): VY002763.D (-1443) (-)

Ion 58.00 (57.70 to 58.70): VY002763.D (-1443) (-)

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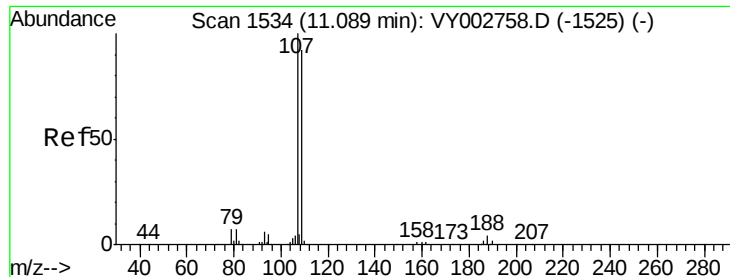
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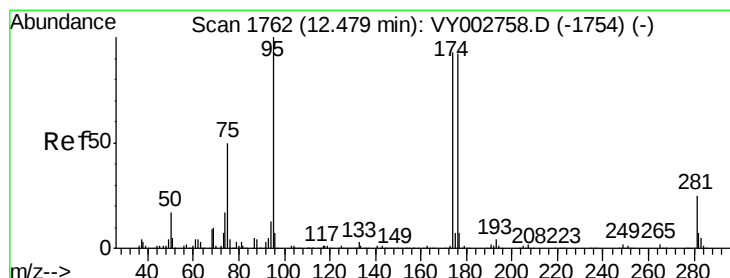
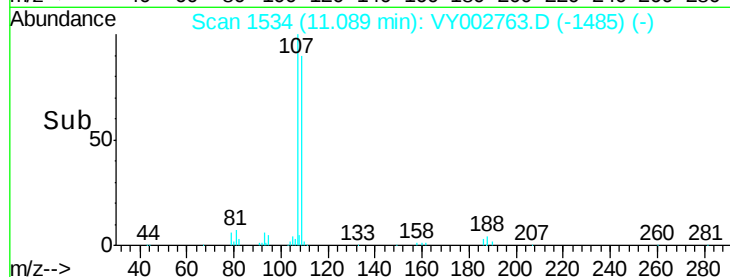
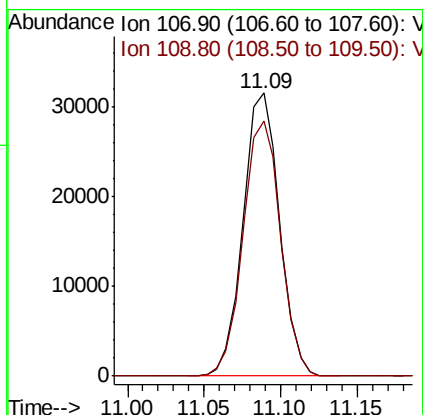
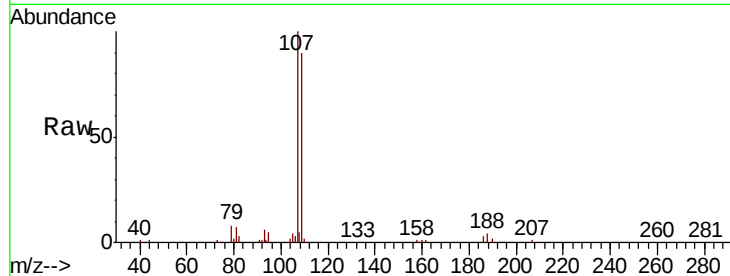
10.83



#61
 1,2-Dibromoethane
 Concen: 20.378 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

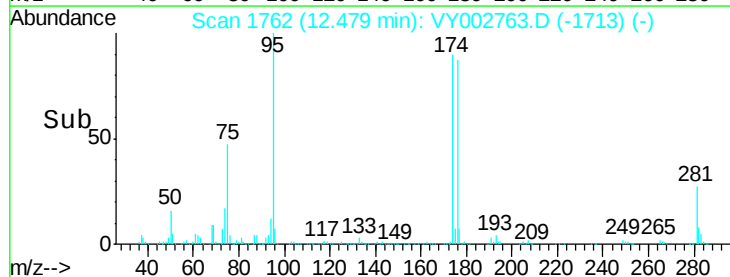
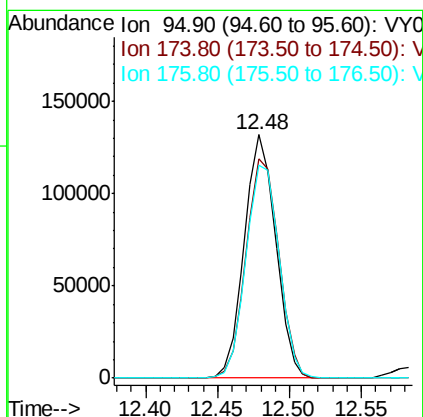
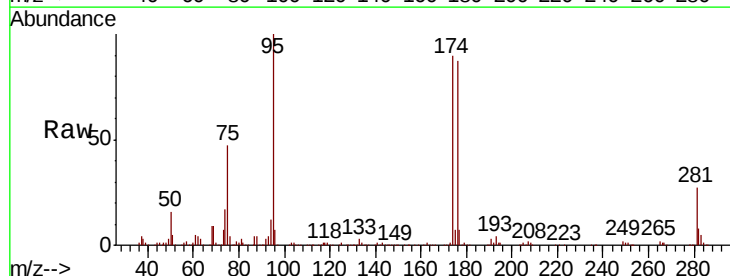
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

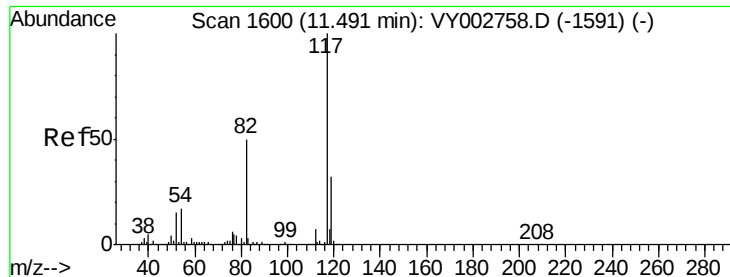
Tot Ion:107 Resp: 52338
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.384 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion: 95 Resp: 199630
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 191.2
 176 92.0 0.0 188.8

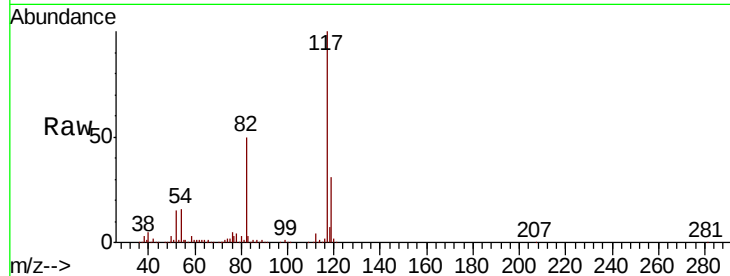




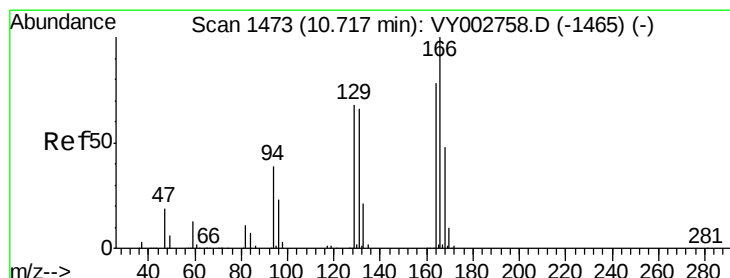
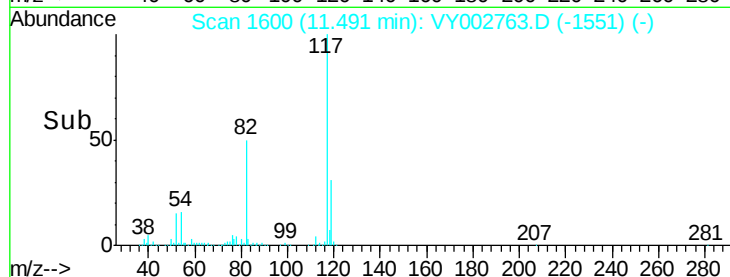
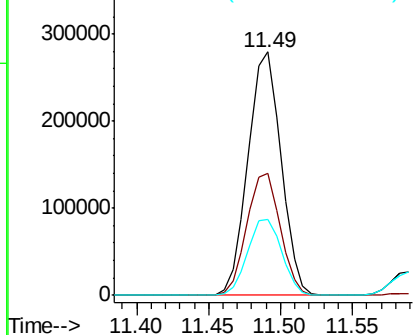
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion:117 Resp: 445161
Ion Ratio Lower Upper
117 100
82 50.3 40.2 60.4
119 31.4 25.8 38.8

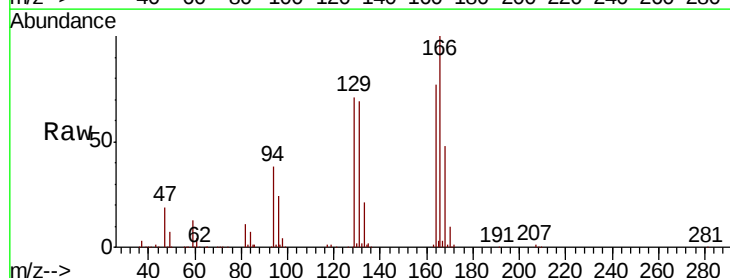


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

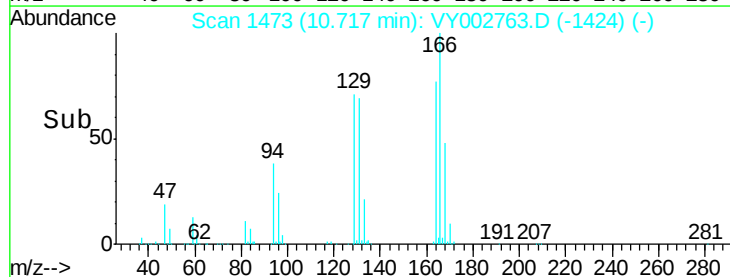
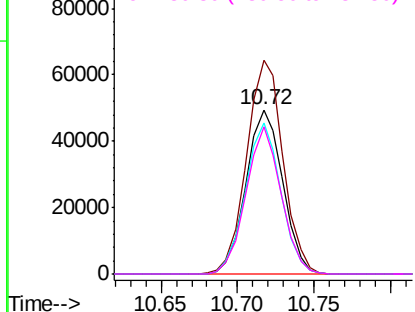


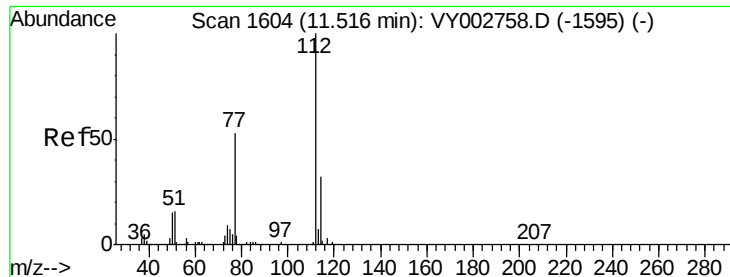
#64
Tetrachloroethene
Concen: 20.420 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion:164 Resp: 82616
Ion Ratio Lower Upper
164 100
166 130.1 102.3 153.5
129 91.9 69.4 104.2
131 89.3 67.8 101.6



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

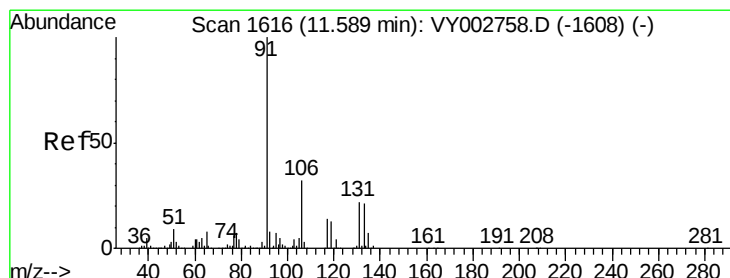
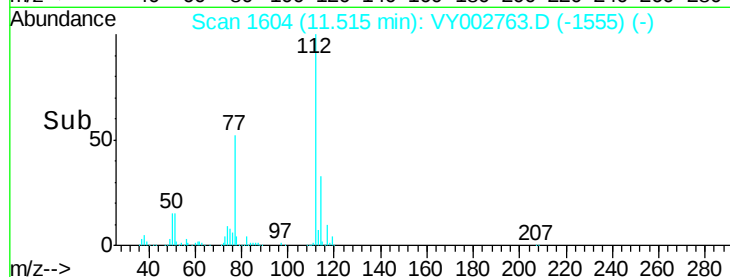
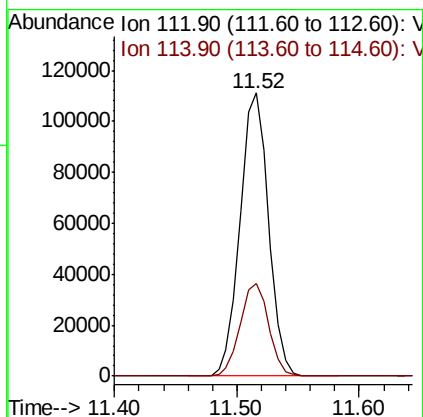
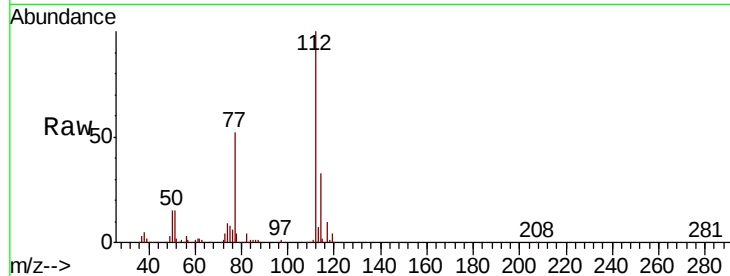




#65
Chlorobenzene
Concen: 20.359 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

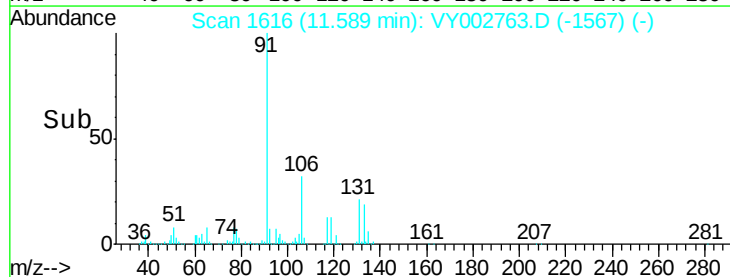
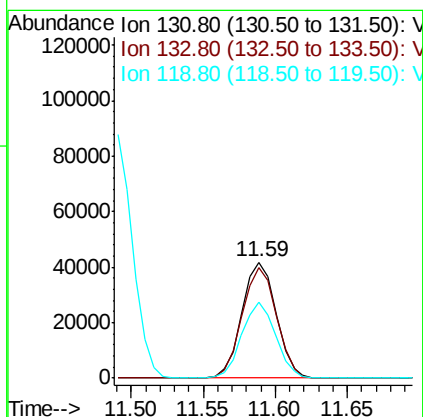
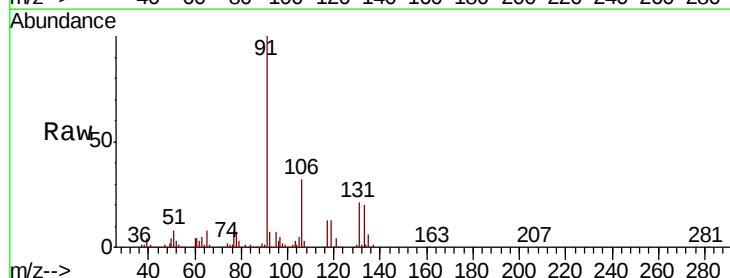
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion:112 Resp: 179127
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.644 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion:131 Resp: 68409
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.8
119 64.4 31.7 95.1





#67

Ethyl Benzene

Concen: 20.717 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

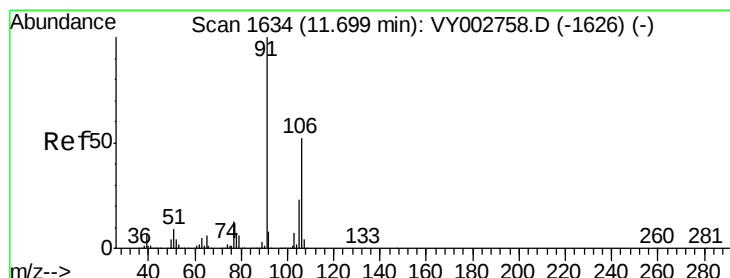
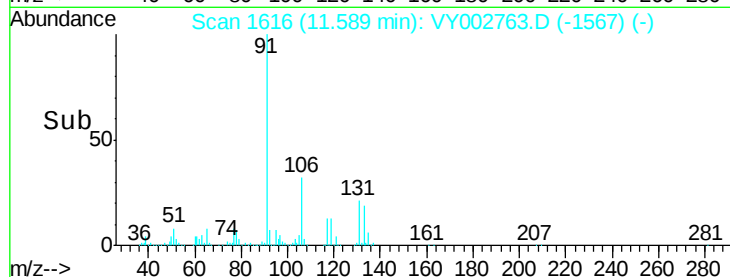
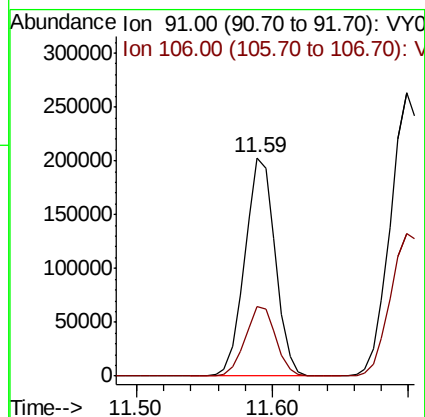
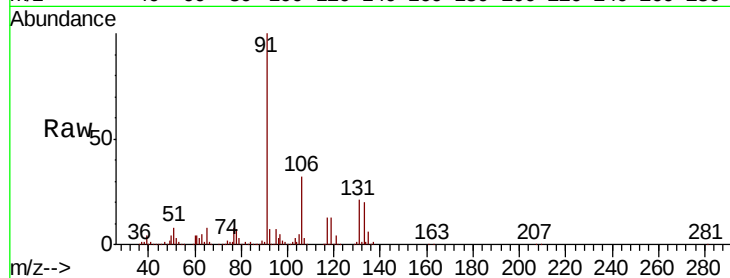
VY0527SBS01

Tot Ion: 91 Resp: 316005

Ion Ratio Lower Upper

91 100

106 31.7 25.7 38.5



#68

m/p-Xylenes

Concen: 41.392 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY002763.D

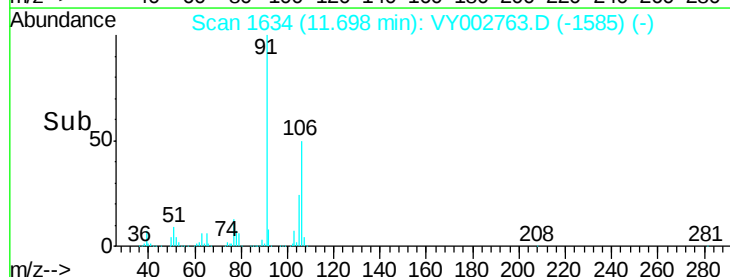
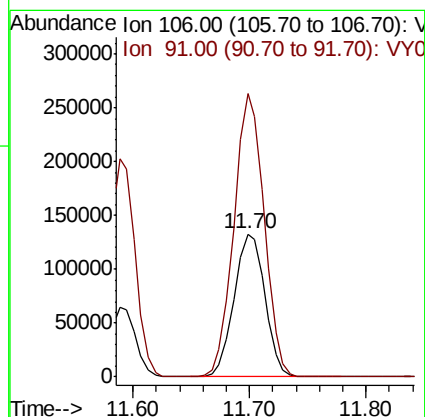
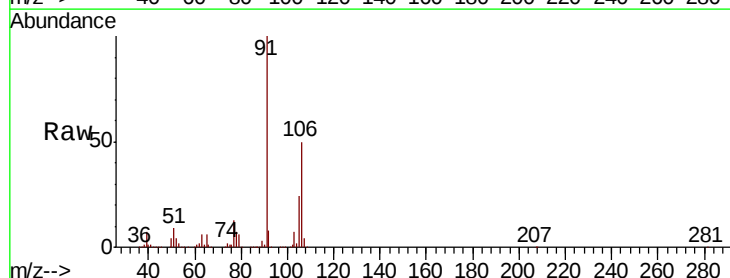
Acq: 27 May 2020 14:51

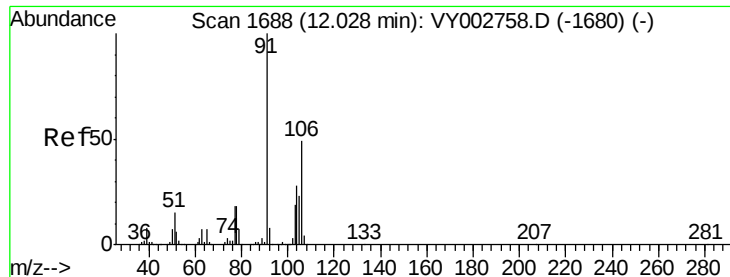
Tgt Ion: 106 Resp: 244794

Ion Ratio Lower Upper

106 100

91 194.1 156.0 234.0

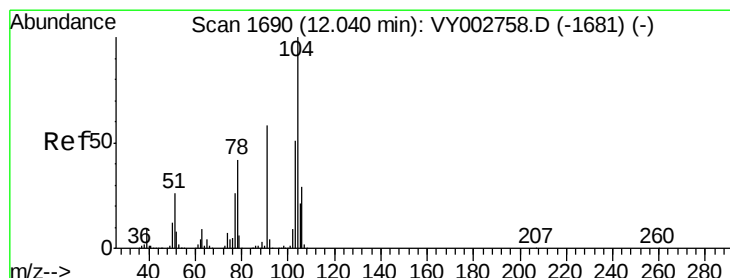
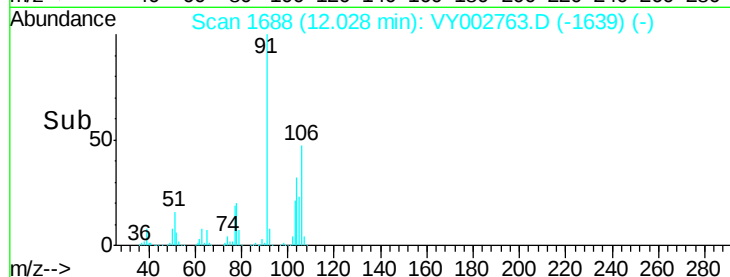
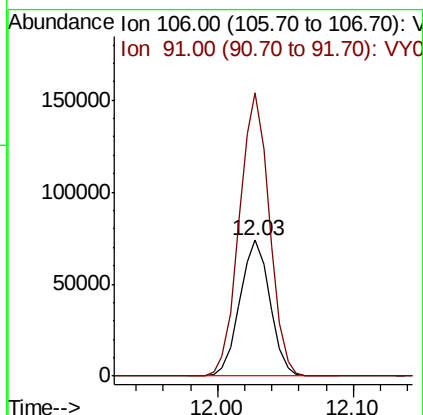
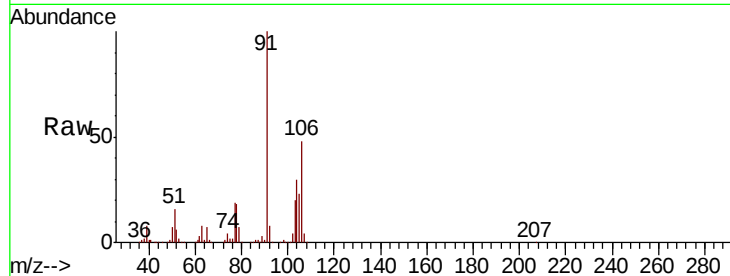




#69
o-Xylene
Concen: 20.478 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

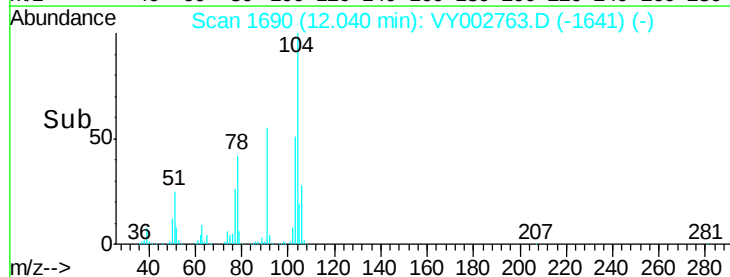
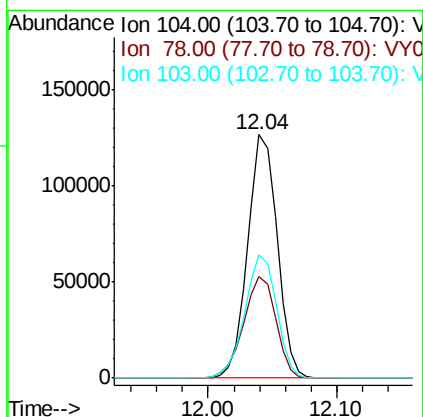
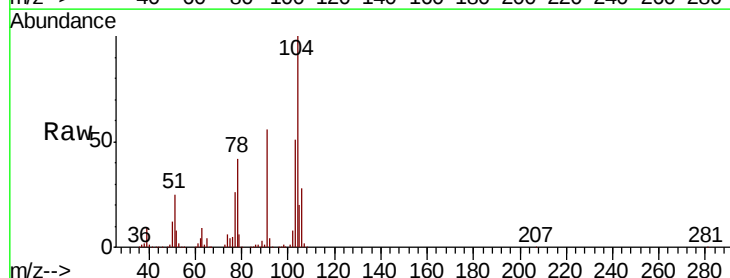
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

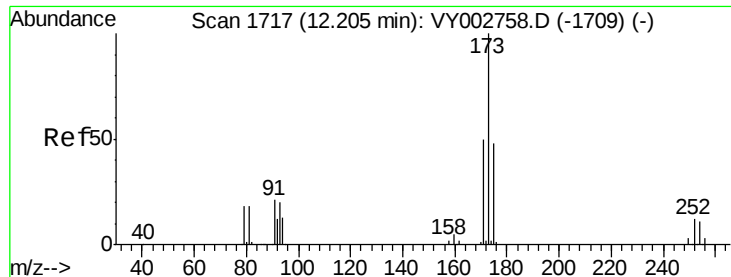
Tot Ion:106 Resp: 114330
Ion Ratio Lower Upper
106 100
91 207.3 102.4 307.1



#70
Styrene
Concen: 20.668 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion:104 Resp: 200036
Ion Ratio Lower Upper
104 100
78 45.7 36.2 54.4
103 54.8 43.6 65.4





#71

Bromoform

Concen: 20.661 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

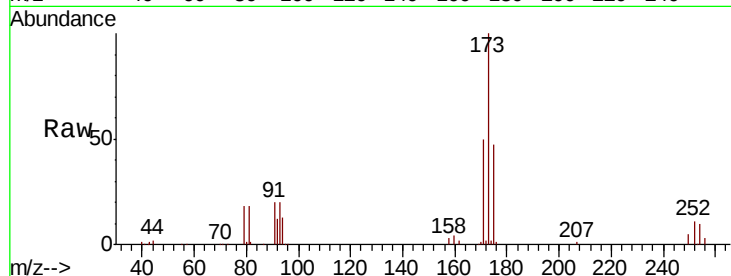
Tot Ion:173 Resp: 45813

Ion Ratio Lower Upper

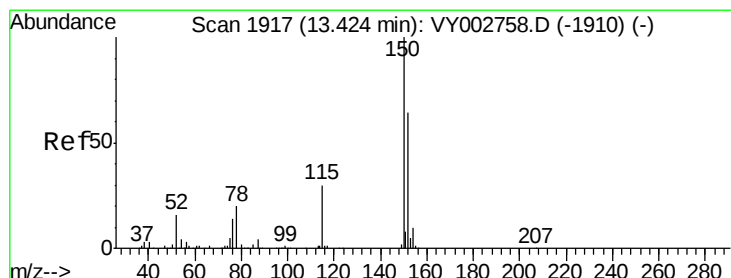
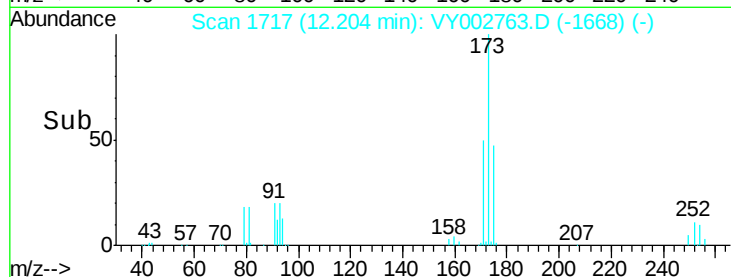
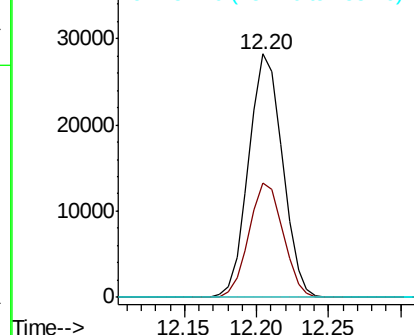
173 100

175 47.5 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: VY002763.D

Acq: 27 May 2020 14:51

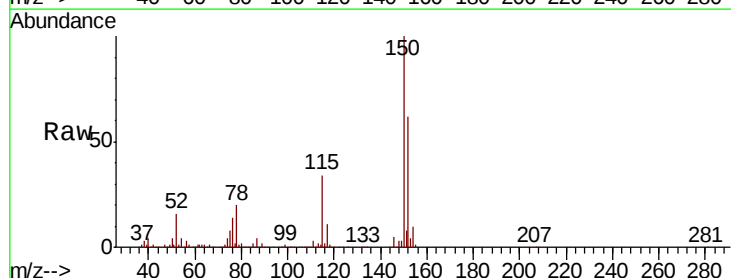
Tgt Ion:152 Resp: 240649

Ion Ratio Lower Upper

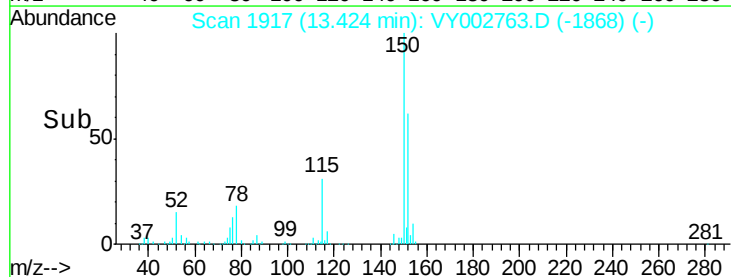
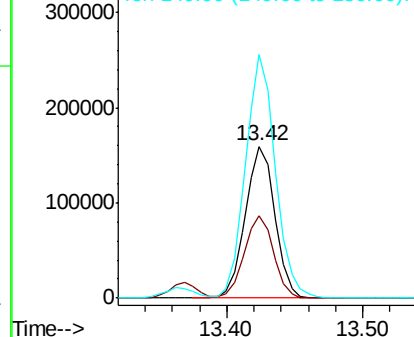
152 100

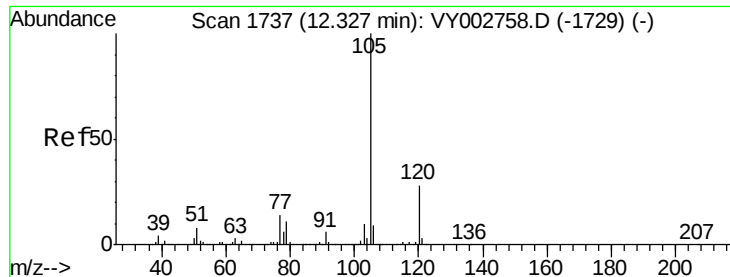
115 53.6 27.0 81.0

150 163.2 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.489 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

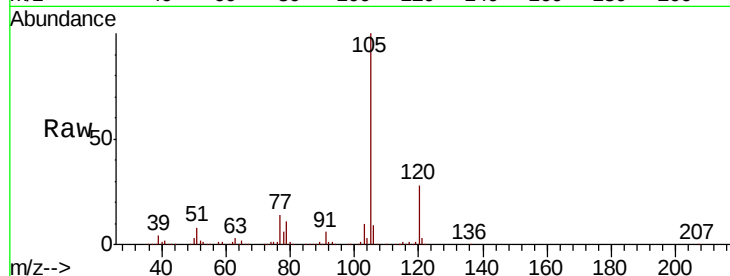
VY0527SBS01

Tot Ion:105 Resp: 315978

Ion Ratio Lower Upper

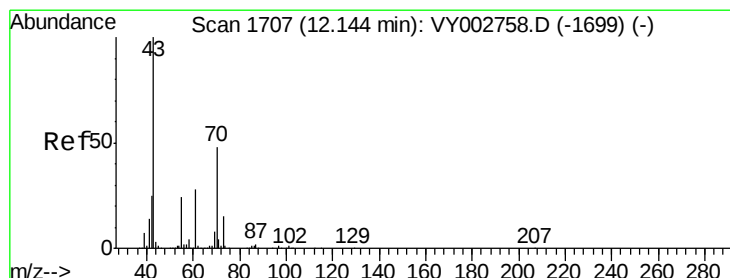
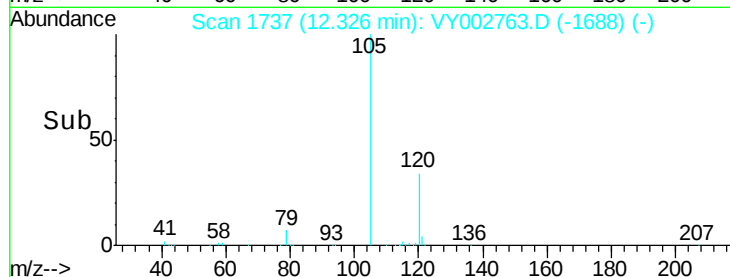
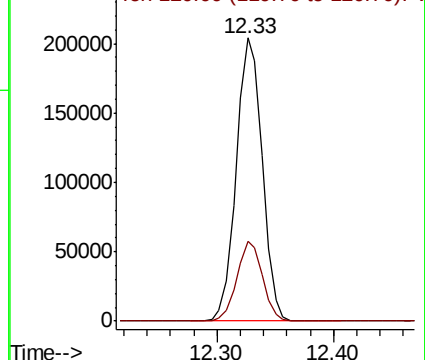
105 100

120 27.7 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.374 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Tgt Ion: 43 Resp: 80618

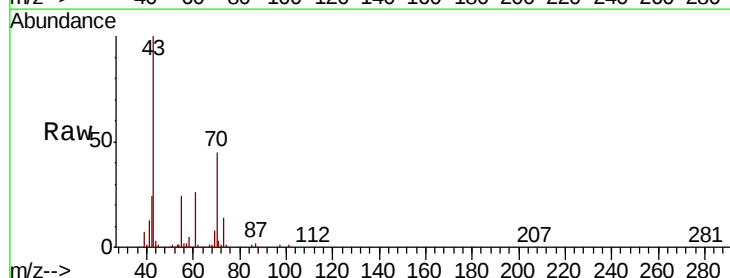
Ion Ratio Lower Upper

43 100

70 46.7 37.7 56.5

55 24.9 19.8 29.6

61 26.3 21.7 32.5

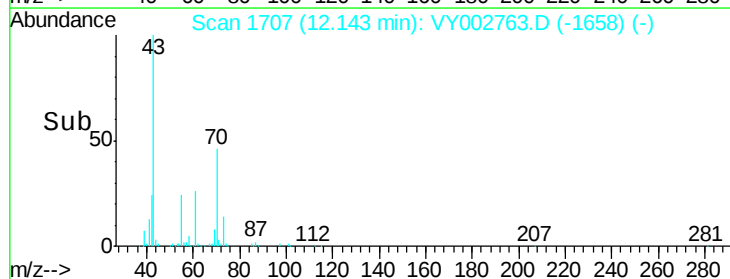
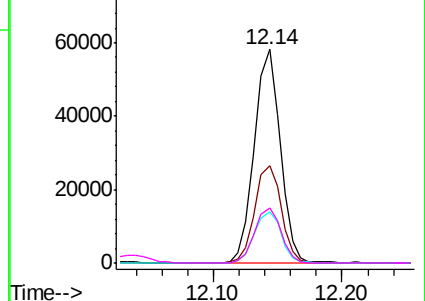


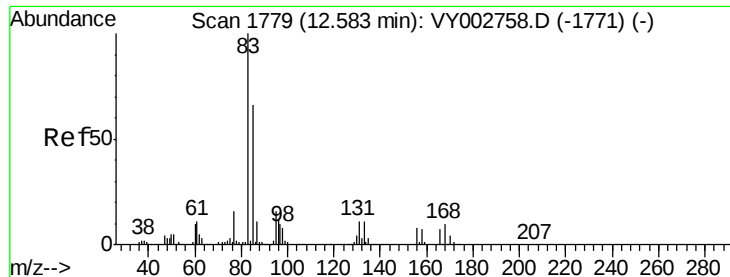
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.505 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

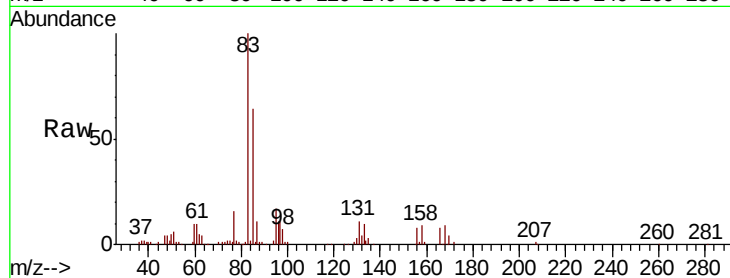
Tot Ion: 83 Resp: 55484

Ion Ratio Lower Upper

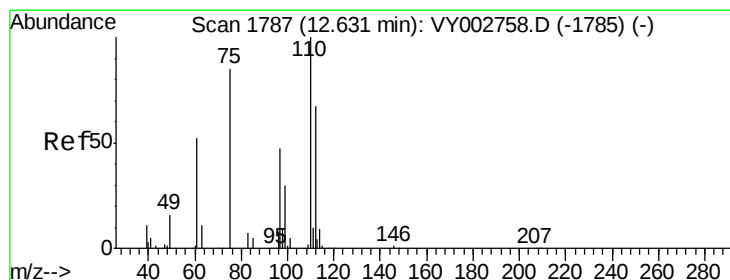
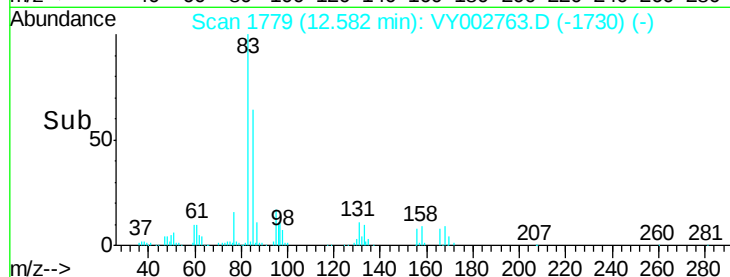
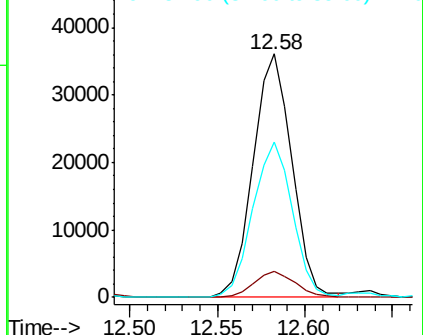
83 100

131 11.8 5.8 17.4

85 65.0 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: 38.021 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002763.D

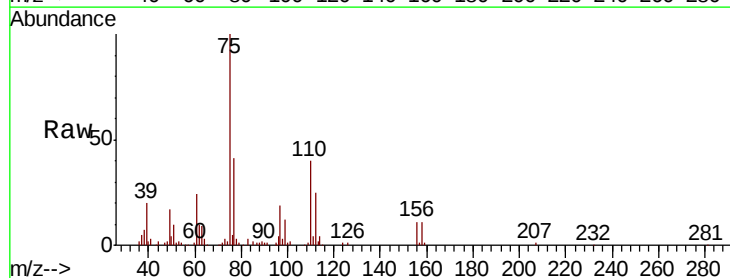
Acq: 27 May 2020 14:51

Tgt Ion: 75 Resp: 82444

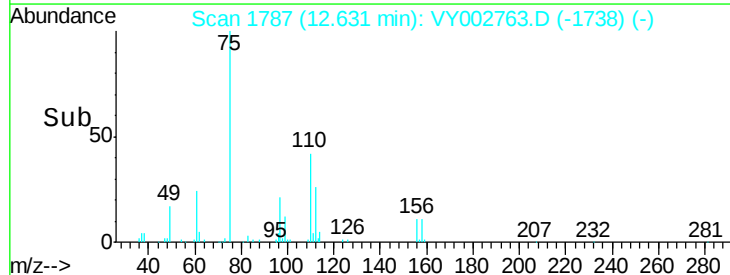
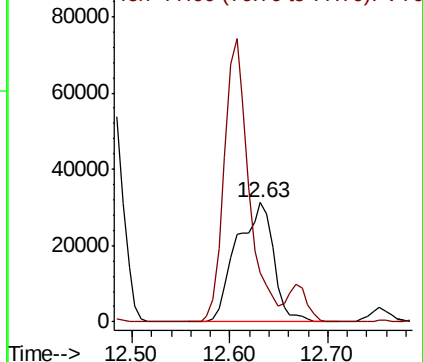
Ion Ratio Lower Upper

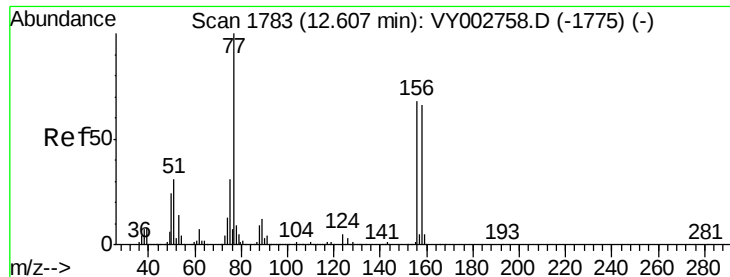
75 100

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: 20.304 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

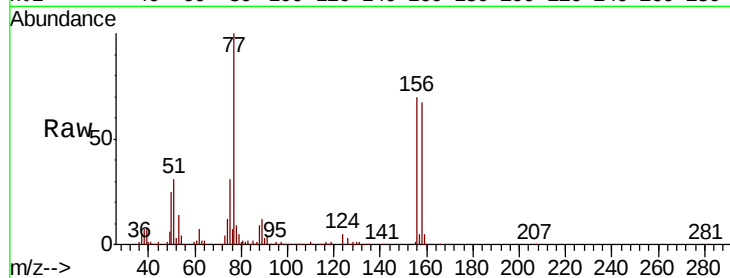
Tot Ion:156 Resp: 81531

Ion Ratio Lower Upper

156 100

77 160.6 81.4 244.2

158 97.5 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

100000

80000

60000

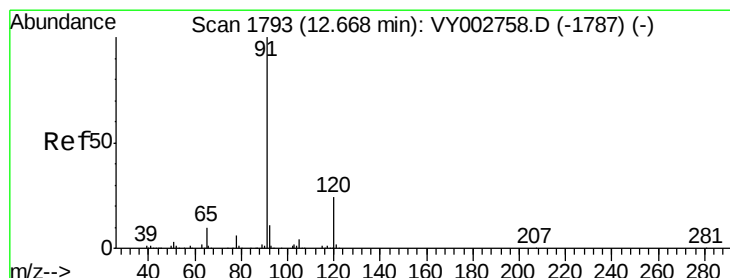
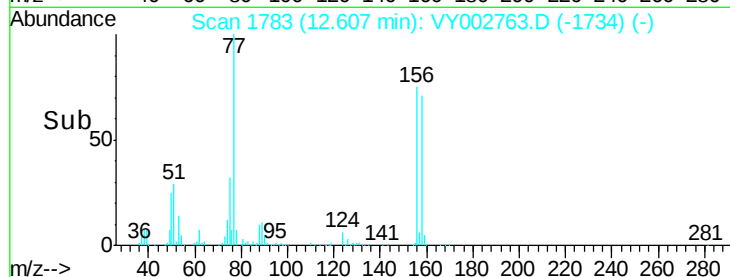
40000

20000

0

12.55 12.60 12.65

Time-->



#78

n-propylbenzene

Concen: 20.787 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002763.D

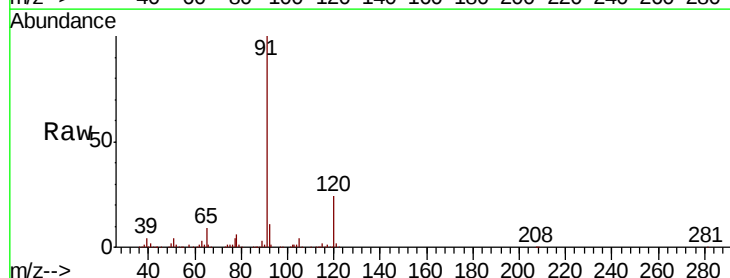
Acq: 27 May 2020 14:51

Tgt Ion: 91 Resp: 370292

Ion Ratio Lower Upper

91 100

120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

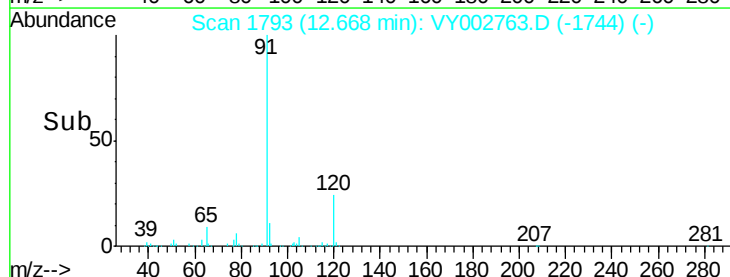
100000

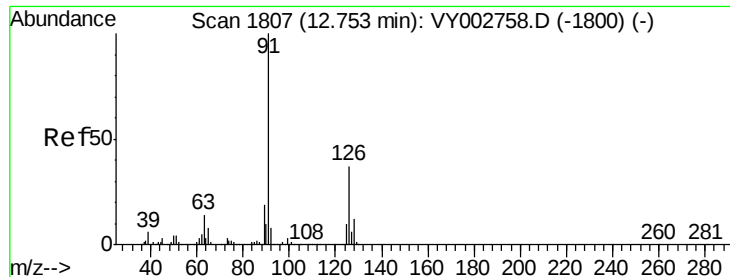
50000

0

12.60 12.65 12.70

Time-->





#79

2-Chlorotoluene

Concen: 20.534 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

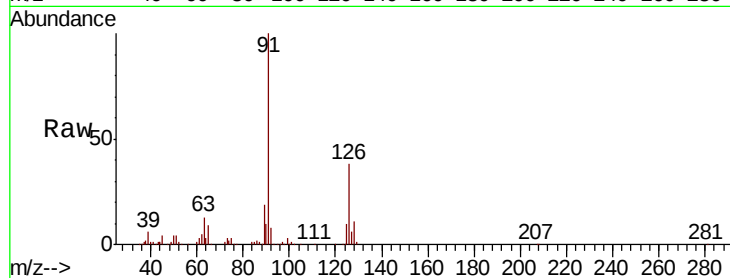
VY0527SBS01

Tot Ion: 91 Resp: 205187

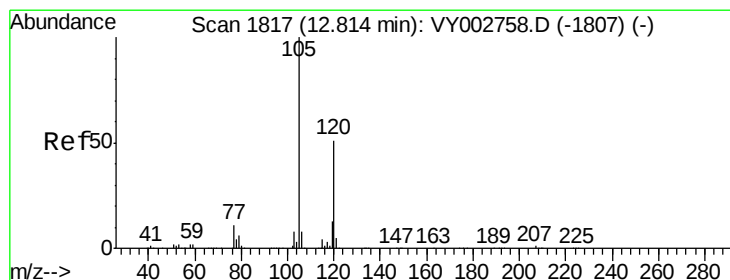
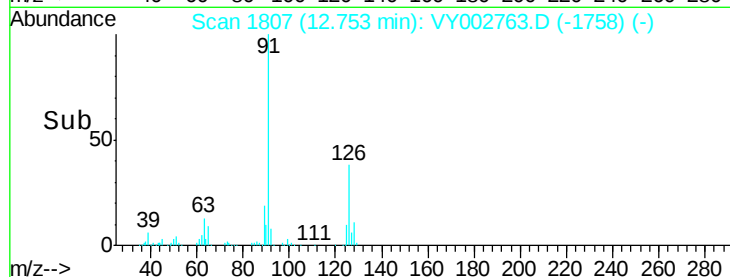
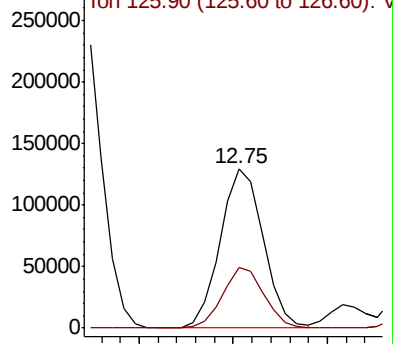
Ion Ratio Lower Upper

91 100

126 36.7 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.659 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002763.D

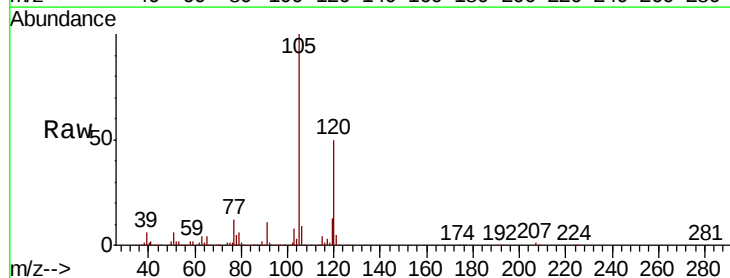
Acq: 27 May 2020 14:51

Tgt Ion:105 Resp: 266012

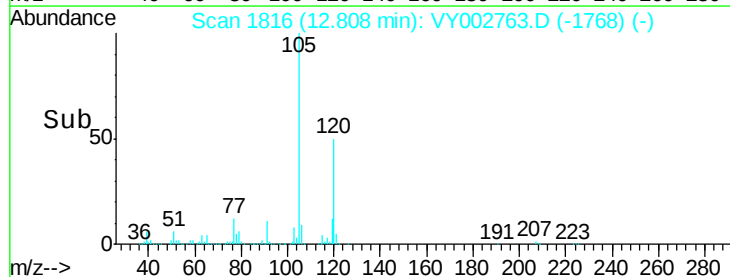
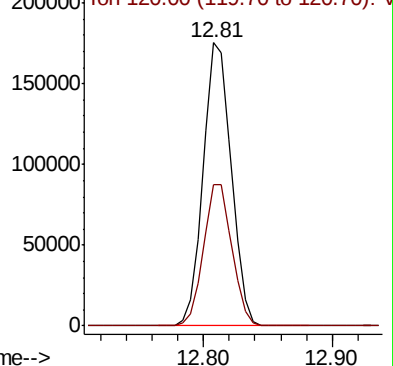
Ion Ratio Lower Upper

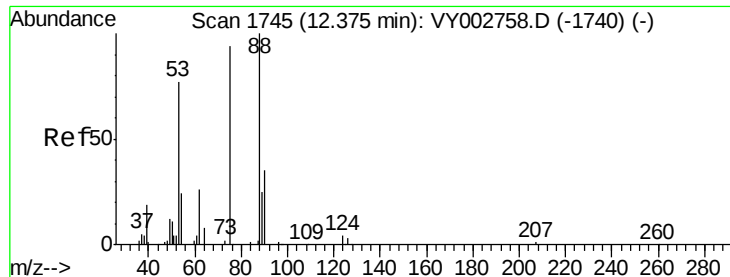
105 100

120 50.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002758.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.952 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

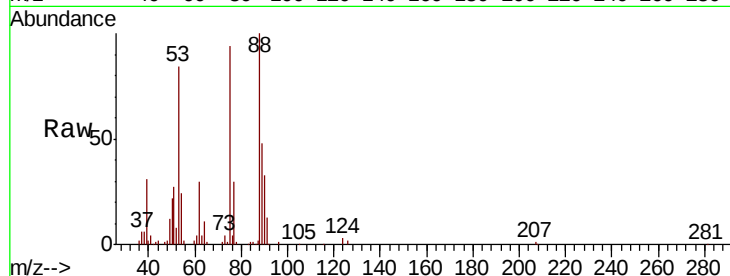
Tot Ion: 75 Resp: 22964

Ion Ratio Lower Upper

75 100

53 81.7 64.0 96.0

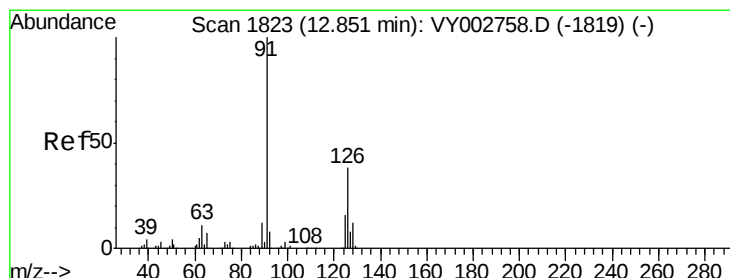
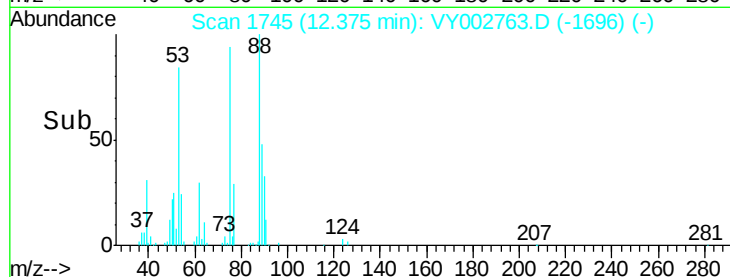
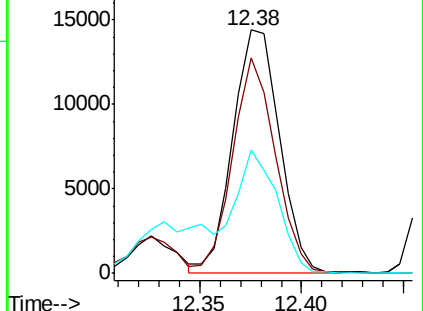
89 46.2 37.4 56.2



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: 20.544 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY002763.D

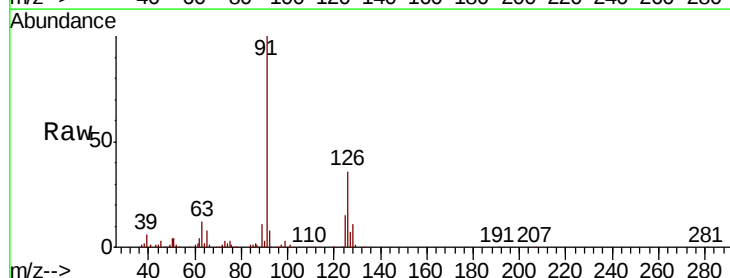
Acq: 27 May 2020 14:51

Tgt Ion: 91 Resp: 215089

Ion Ratio Lower Upper

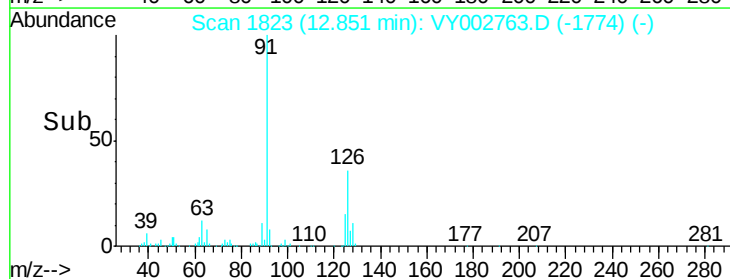
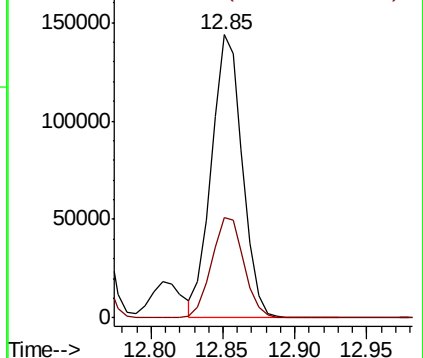
91 100

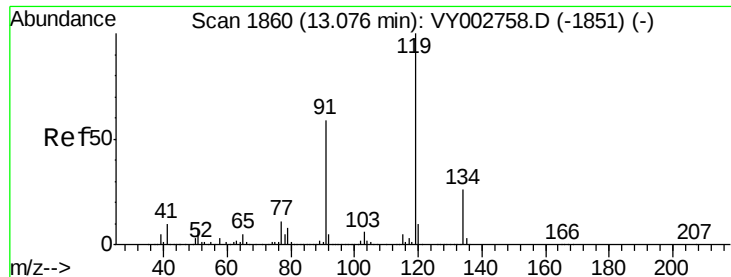
126 37.1 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

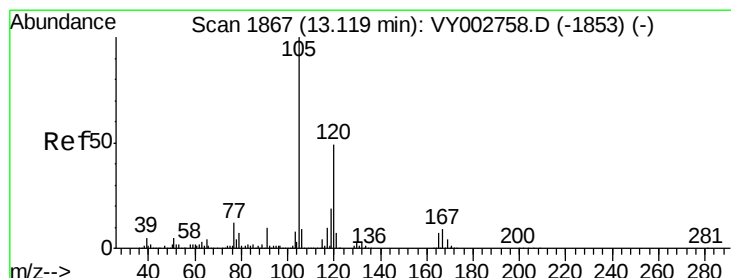
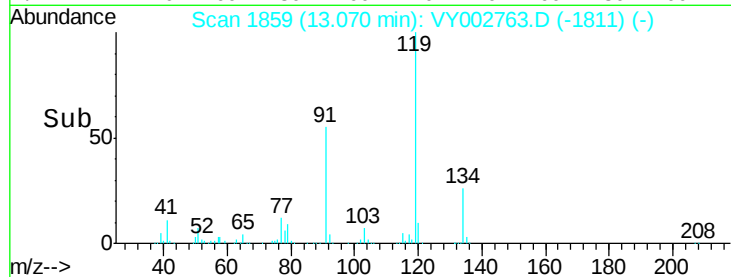
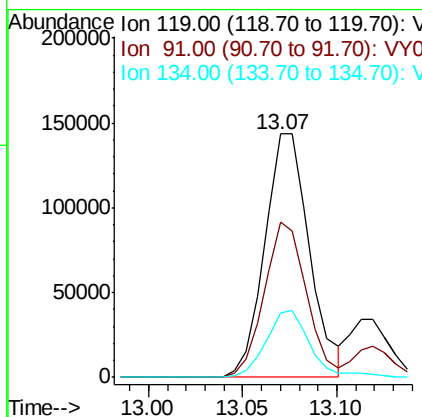
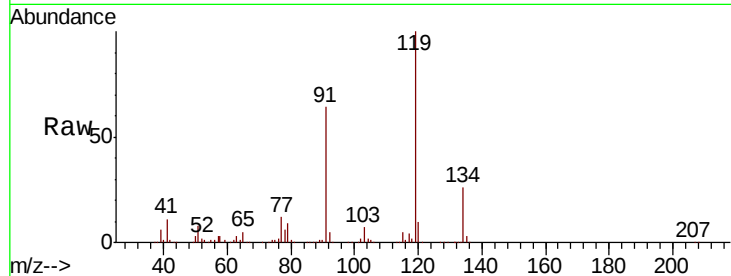




#83
tert-Butylbenzene
Concen: 20.602 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

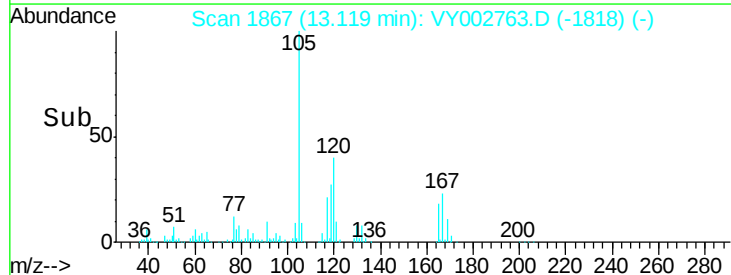
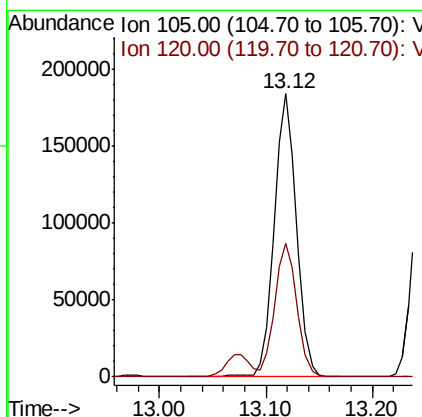
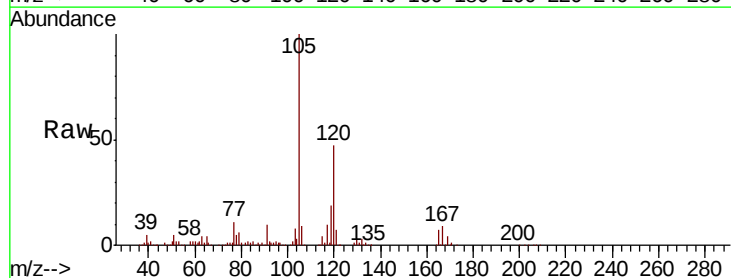
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

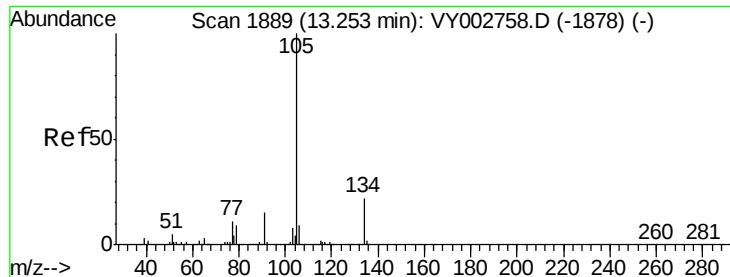
Tot Ion:119 Resp: 236636
Ion Ratio Lower Upper
119 100
91 60.1 29.8 89.4
134 27.1 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 20.651 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion:105 Resp: 267373
Ion Ratio Lower Upper
105 100
120 46.7 23.6 70.8





#85

sec-Butylbenzene

Concen: 20.897 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

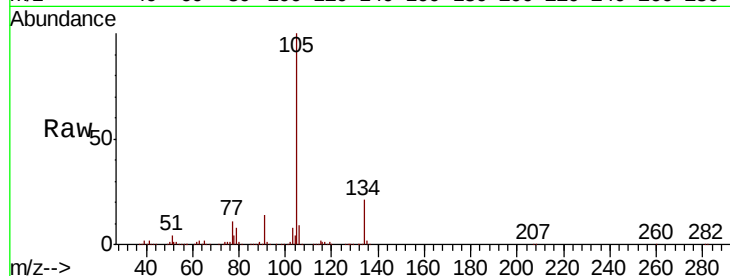
VY0527SBS01

Tot Ion:105 Resp: 328189

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

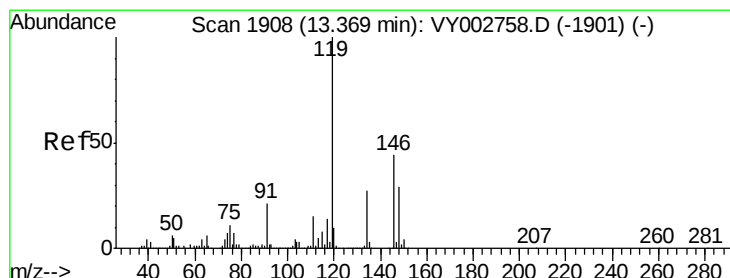
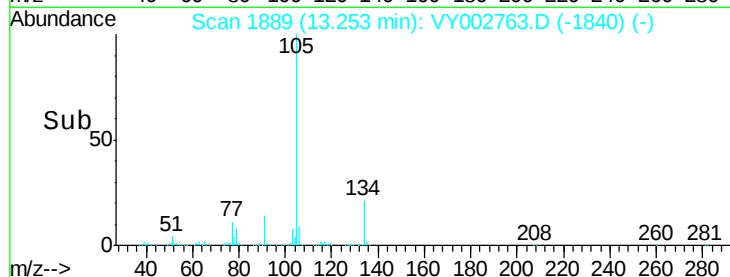
50000

0

13.25

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 20.973 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

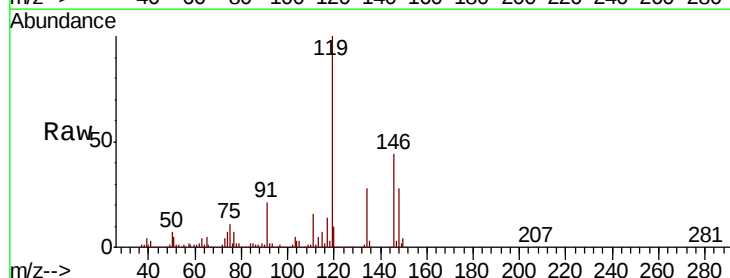
Tgt Ion:119 Resp: 306482

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

91 21.6 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

250000

200000

150000

100000

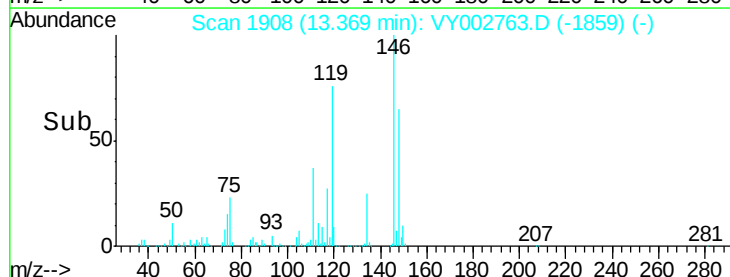
50000

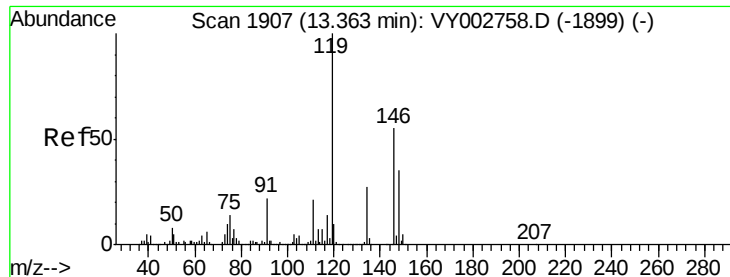
0

13.37

13.30 13.35 13.40

Time-->

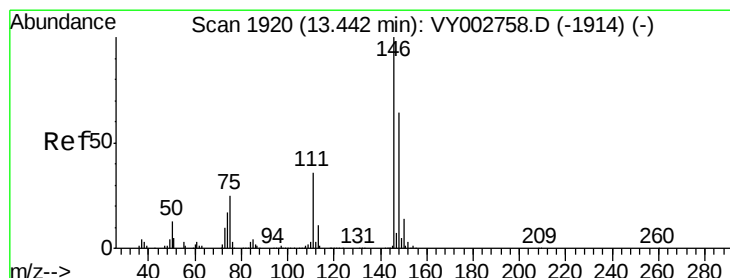
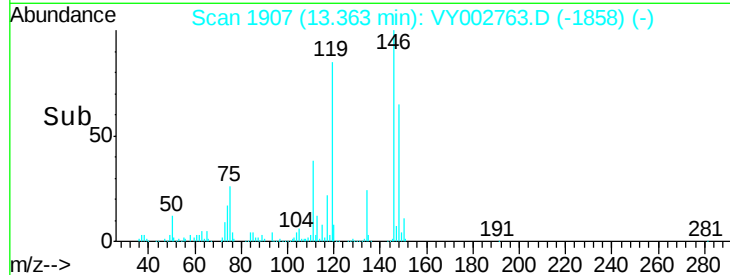
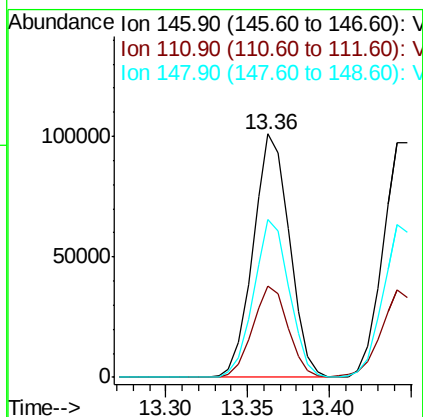
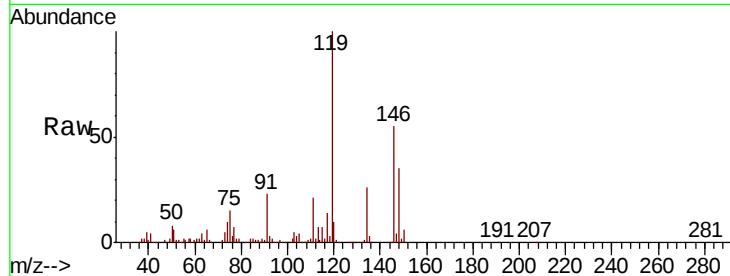




#87
 1,3-Dichlorobenzene
 Concen: 20.495 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

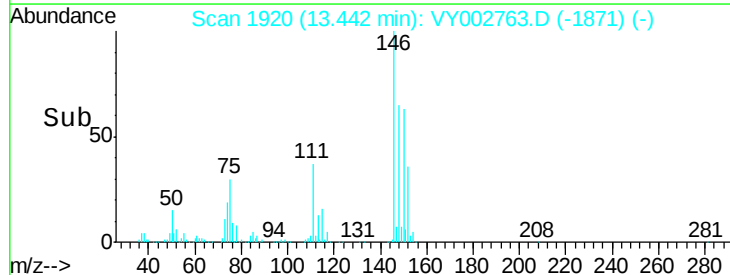
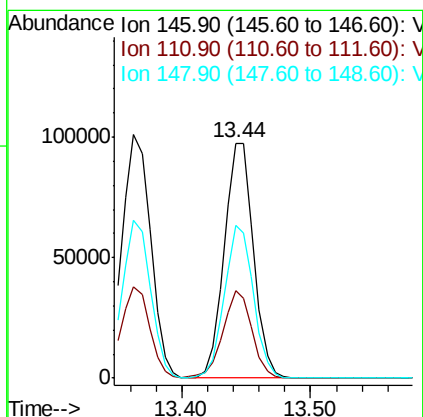
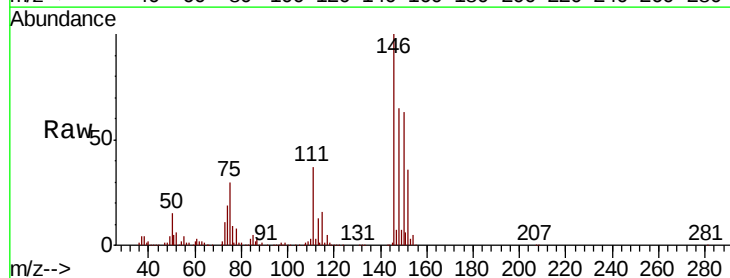
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.0
148	63.6	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.395 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.3
148	64.3	32.1	96.3





#89

n-Butylbenzene

Concen: 20.853 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

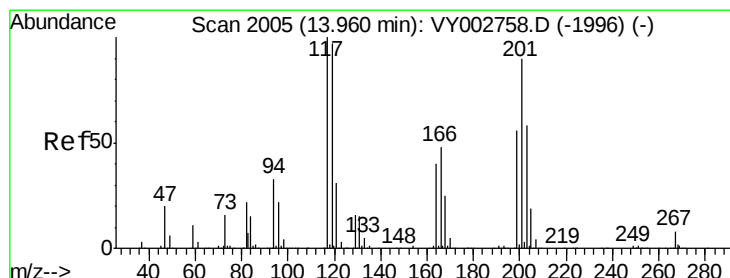
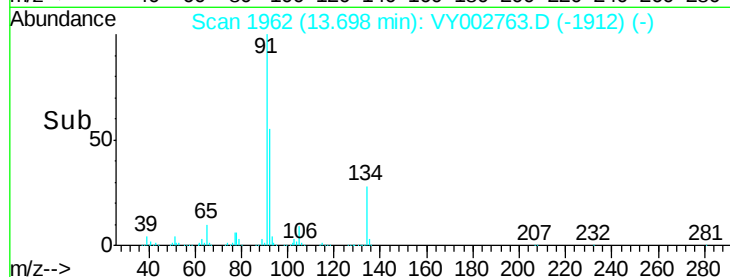
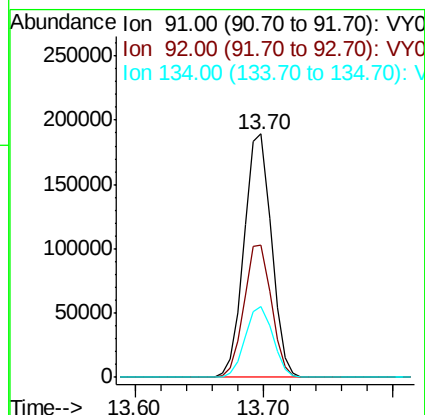
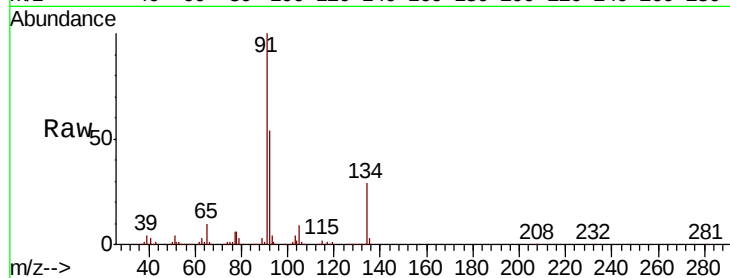
Tot Ion: 91 Resp: 276662

Ion Ratio Lower Upper

91 100

92 54.4 27.1 81.2

134 29.3 14.3 42.9



#90

Hexachloroethane

Concen: 20.317 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002763.D

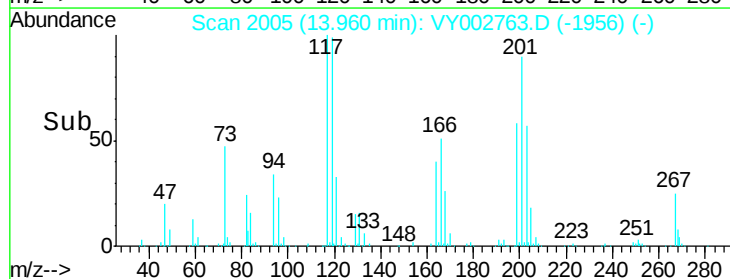
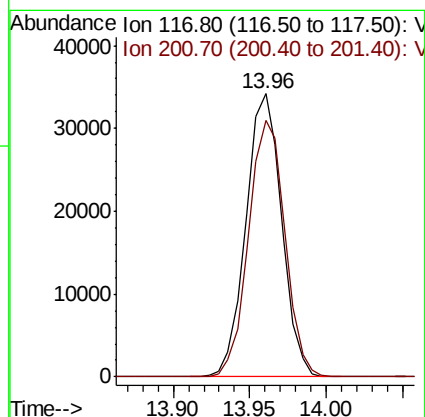
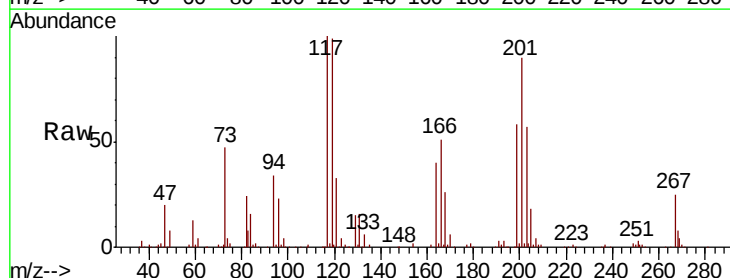
Acq: 27 May 2020 14:51

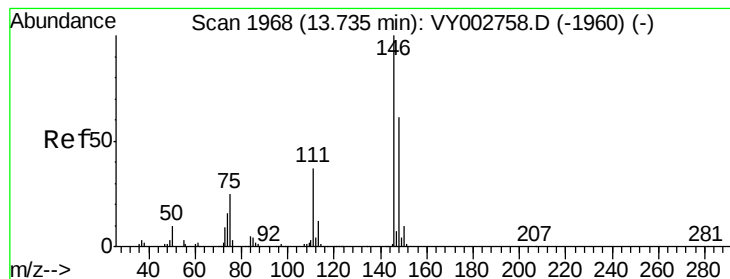
Tgt Ion: 117 Resp: 55583

Ion Ratio Lower Upper

117 100

201 92.0 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 20.653 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

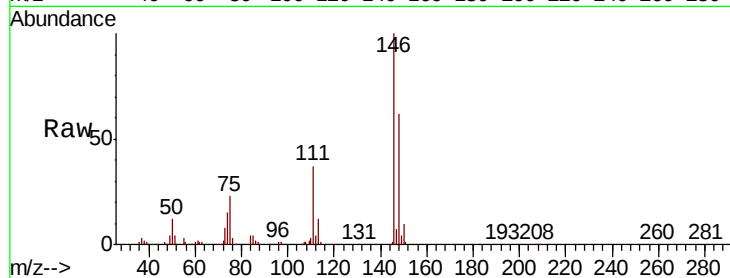
Tot Ion:146 Resp: 142467

Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.9

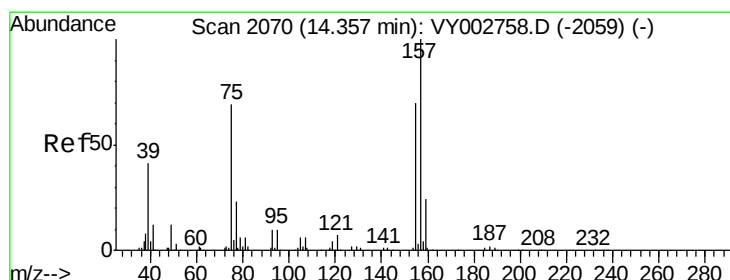
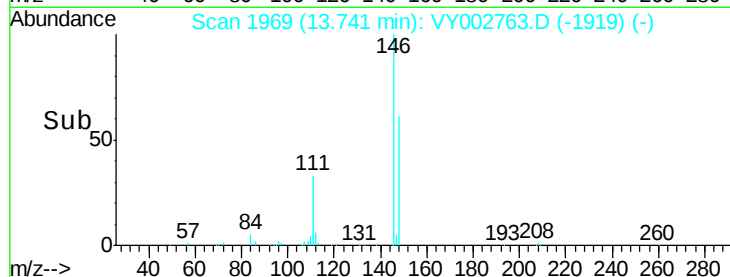
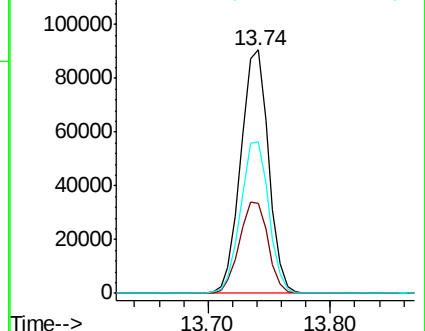
148 63.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.976 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

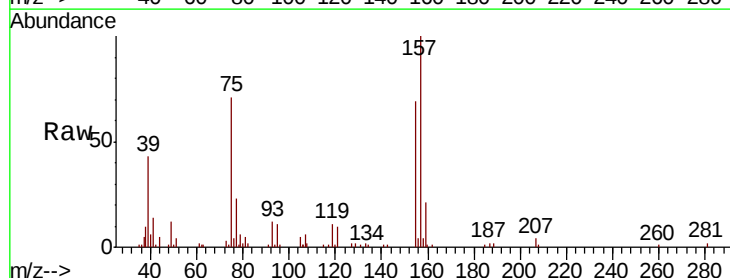
Tgt Ion: 75 Resp: 10399

Ion Ratio Lower Upper

75 100

155 106.0 53.5 160.5

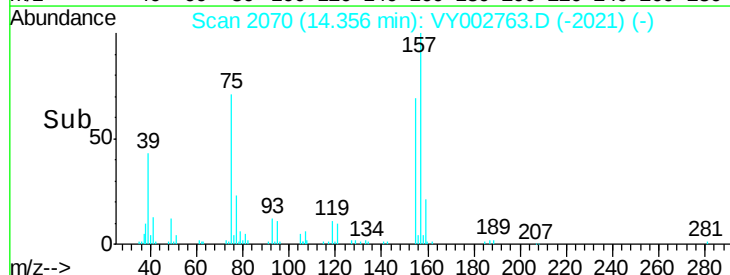
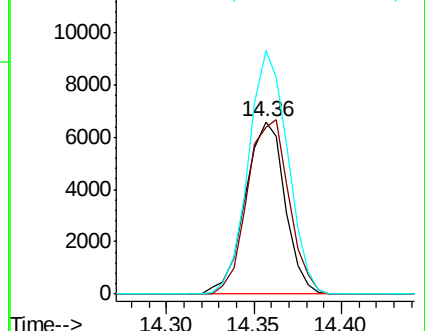
157 140.0 69.9 209.7

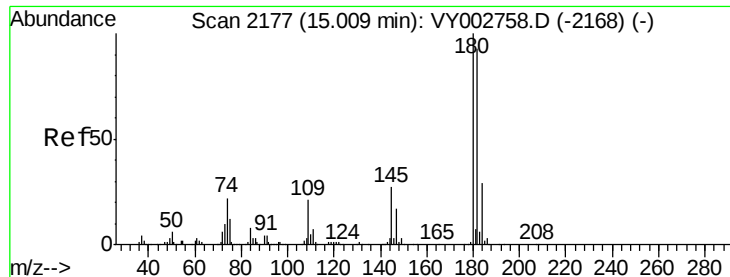


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 21.100 ug/l

RT: 15.00 min Scan# 2176

Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

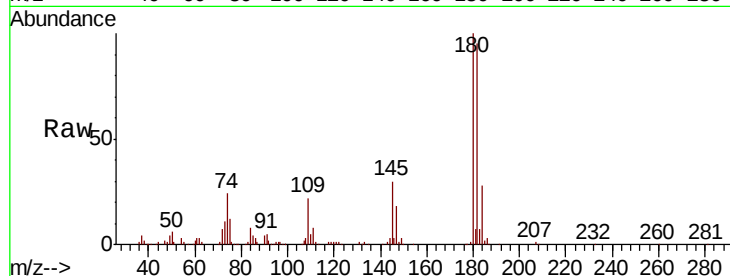
Tot Ion:180 Resp: 109712

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.9

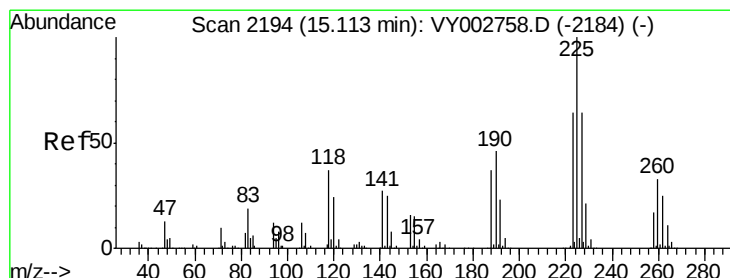
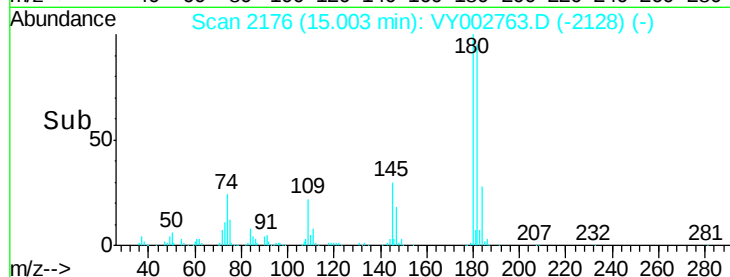
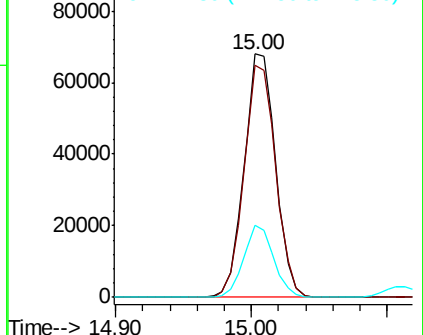
145 28.2 14.1 42.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 21.166 ug/l

RT: 15.11 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

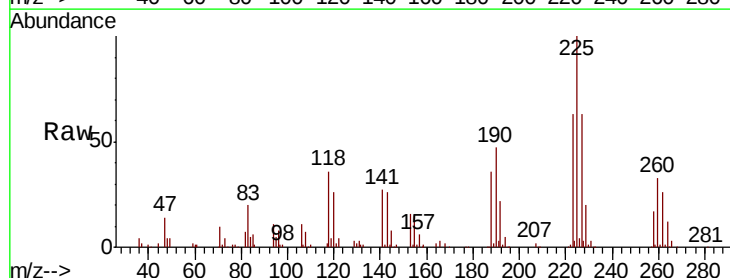
Tgt Ion:225 Resp: 62420

Ion Ratio Lower Upper

225 100

223 63.1 31.6 95.0

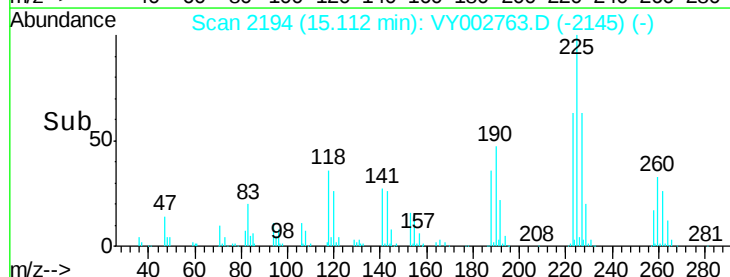
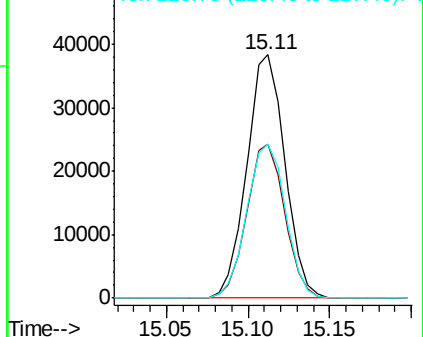
227 64.3 32.3 96.9

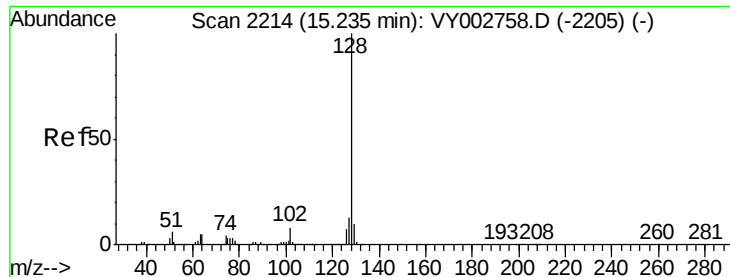


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

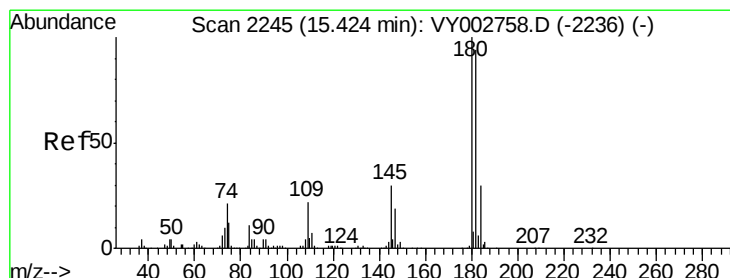
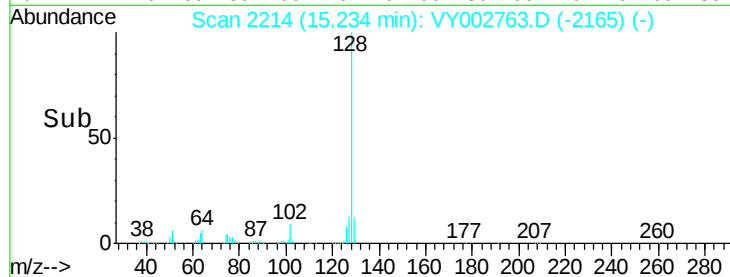
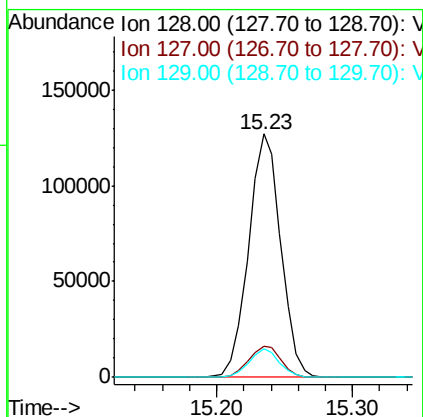
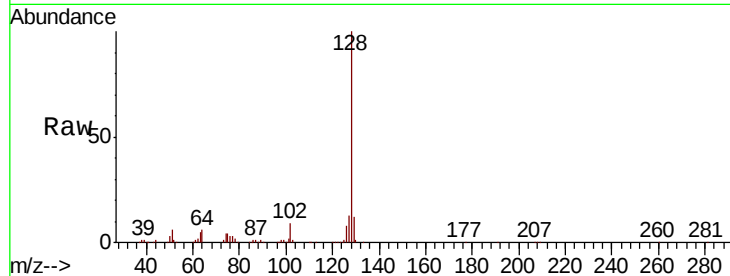




#95
Naphthalene
Concen: 20.167 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion:128 Resp: 210242
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.971 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion:180 Resp: 97371
Ion Ratio Lower Upper
180 100
182 96.1 48.1 144.4
145 29.9 15.1 45.3

