

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY052920\
 Data File : VY002795.D
 Acq On : 29 May 2020 11:25
 Operator : SY/MD
 Sample : VY0529SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

Quant Time: May 30 04:08:25 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	293377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	435922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	410568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	222066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	138759	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	
35) Dibromofluoromethane	7.72	113	137650	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
50) Toluene-d8	10.18	98	545804	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
62) 4-Bromofluorobenzene	12.48	95	190498	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	44737	22.16	ug/l	99
3) Chloromethane	2.12	50	49650	22.24	ug/l	99
4) Vinyl Chloride	2.26	62	53423	22.64	ug/l	100
5) Bromomethane	2.65	94	38415	21.72	ug/l	96
6) Chloroethane	2.79	64	32297	21.11	ug/l	96
7) Trichlorofluoromethane	3.13	101	88374	21.14	ug/l	95
8) Diethyl Ether	3.54	74	31837	19.51	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	52852	21.30	ug/l	98
10) Methyl Iodide	4.10	142	66752	19.22	ug/l	99
11) Tert butyl alcohol	4.97	59	35203	122.04	ug/l	96
12) 1,1-Dichloroethene	3.88	96	53108	21.28	ug/l	98
13) Acrolein	3.74	56	29764	99.71	ug/l	99
14) Allyl chloride	4.49	41	76035	21.24	ug/l	99
15) Acrylonitrile	5.18	53	79447	107.90	ug/l	100
16) Acetone	3.96	43	62609	104.82	ug/l	95
17) Carbon Disulfide	4.20	76	159902	21.20	ug/l	99
18) Methyl Acetate	4.49	43	35448	23.13	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	145530	21.12	ug/l	100
20) Methylene Chloride	4.72	84	63213	21.66	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	60204	21.45	ug/l	97
22) Diisopropyl ether	6.12	45	161464	21.71	ug/l	92
23) Vinyl Acetate	6.07	43	533524	108.64	ug/l	99
24) 1,1-Dichloroethane	6.02	63	92074	21.16	ug/l	97
25) 2-Butanone	6.99	43	100276	107.75	ug/l	99
26) 2,2-Dichloropropane	6.99	77	89099	21.35	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	66297	21.10	ug/l	99
28) Bromochloromethane	7.34	49	39458	22.09	ug/l	98
29) Tetrahydrofuran	7.35	42	65334	107.93	ug/l	99
30) Chloroform	7.51	83	100389	21.74	ug/l	92
31) Cyclohexane	7.78	56	88326	20.44	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	89676	20.84	ug/l	99
36) 1,1-Dichloropropene	7.92	75	77987	21.24	ug/l	100
37) Ethyl Acetate	7.08	43	43621	21.83	ug/l	99
38) Carbon Tetrachloride	7.90	117	84737	20.77	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	98552	20.36	ug/l	98
40) Benzene	8.16	78	230513	21.24	ug/l	100
41) Methacrylonitrile	7.33	41	22616m	21.07	ug/l	
42) 1,2-Dichloroethane	8.24	62	64744	21.29	ug/l	99
43) Isopropyl Acetate	8.28	43	80978	21.39	ug/l	99
44) Trichloroethene	8.94	130	71802	20.95	ug/l	98
45) 1,2-Dichloropropane	9.22	63	54515	20.95	ug/l	99
46) Dibromomethane	9.31	93	33539	21.70	ug/l	96
47) Bromodichloromethane	9.50	83	78192	21.46	ug/l	99
48) Methyl methacrylate	9.30	41	35850	20.98	ug/l	100
49) 1,4-Dioxane	9.30	88	9971	420.23	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	216708	108.09	ug/l	99
52) Toluene	10.24	92	147960	20.85	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	84519	21.24	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	94899	21.05	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	50585	21.38	ug/l	97
56) Ethyl methacrylate	10.51	69	67357	21.26	ug/l	99
57) 1,3-Dichloropropane	10.79	76	83336	21.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	163481	105.58	ug/l	99
59) 2-Hexanone	10.83	43	154018	108.28	ug/l	99
60) Dibromochloromethane	10.99	129	63081	21.03	ug/l	100
61) 1,2-Dibromoethane	11.09	107	50516	21.65	ug/l	100
64) Tetrachloroethene	10.72	164	77642	20.81	ug/l	95
65) Chlorobenzene	11.52	112	168071	20.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	64631	21.15	ug/l	99
67) Ethyl Benzene	11.60	91	291055	20.69	ug/l	98
68) m/p-Xylenes	11.70	106	227173	41.65	ug/l	99
69) o-Xylene	12.03	106	107552	20.89	ug/l	99
70) Styrene	12.05	104	187148	20.97	ug/l	100
71) Bromoform	12.21	173	43175	21.11	ug/l #	99
73) Isopropylbenzene	12.33	105	294919	20.72	ug/l	100
74) N-amyl acetate	12.14	43	77046	21.10	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	53343	21.36	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	43805m	21.89	ug/l	
77) Bromobenzene	12.61	156	77233	20.84	ug/l	98
78) n-propylbenzene	12.67	91	343571	20.90	ug/l	100
79) 2-Chlorotoluene	12.75	91	190800	20.69	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	244719	20.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22430	21.12	ug/l	99
82) 4-Chlorotoluene	12.86	91	200992	20.80	ug/l	100
83) tert-Butylbenzene	13.08	119	217015	20.48	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	250651	20.98	ug/l	98
85) sec-Butylbenzene	13.25	105	305050	21.05	ug/l	100
86) p-Isopropyltoluene	13.37	119	283382	21.01	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	145619	20.75	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	146267	20.83	ug/l	99
89) n-Butylbenzene	13.70	91	258036	21.08	ug/l	100
90) Hexachloroethane	13.96	117	52029	20.61	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	133830	21.02	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9961	20.74	ug/l	99

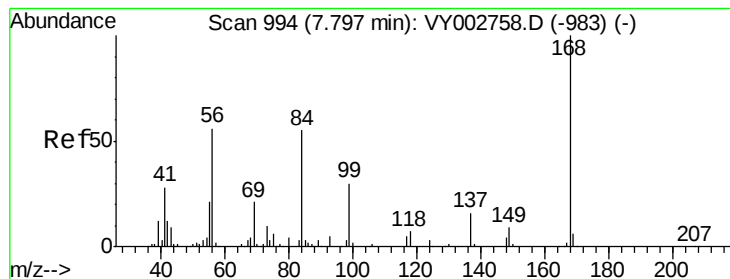
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	100793	21.01	ug/l	99
94) Hexachlorobutadiene	15.11	225	57267	21.04	ug/l	99
95) Naphthalene	15.23	128	199821	20.77	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	88730	20.71	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

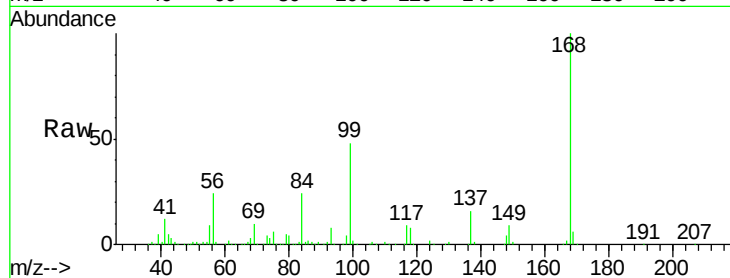
VY0529SBS01

Tgt Ion:168 Resp: 293377

Ion Ratio Lower Upper

168 100

99 48.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002795.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002795.D (-945) (-)

7.80

150000

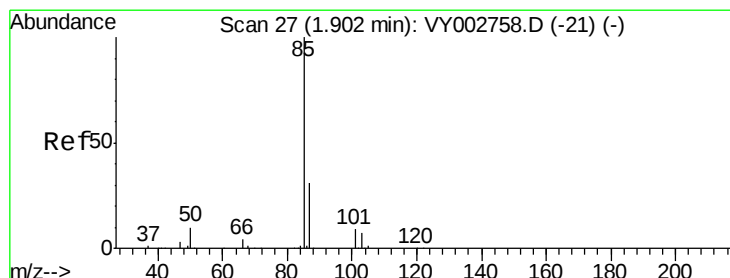
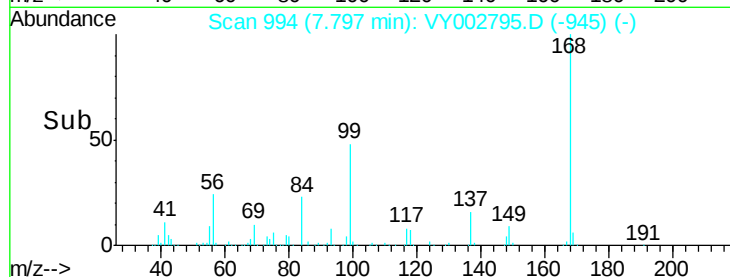
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.16 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002795.D

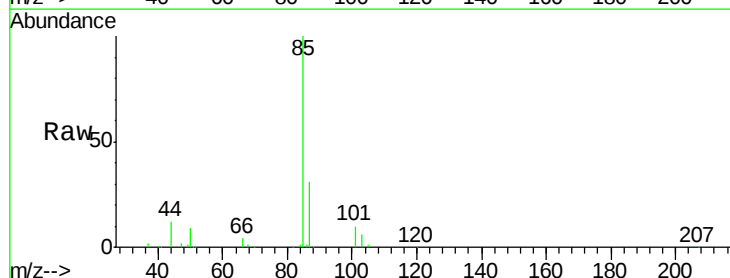
Acq: 29 May 2020 11:25

Tgt Ion: 85 Resp: 44737

Ion Ratio Lower Upper

85 100

87 30.5 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002795.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002795.D (-1) (-)

1.91

30000

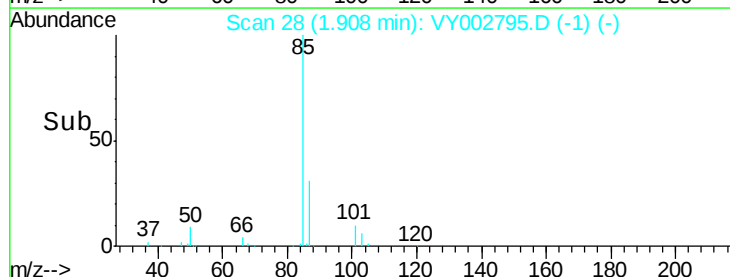
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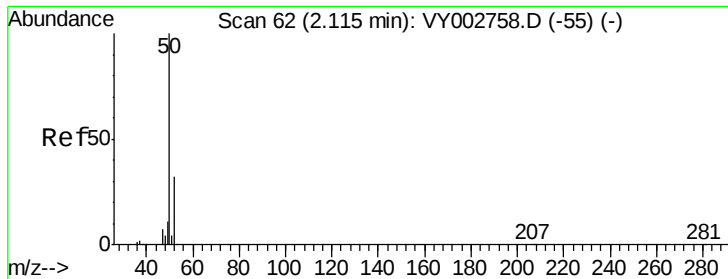
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 22.24 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

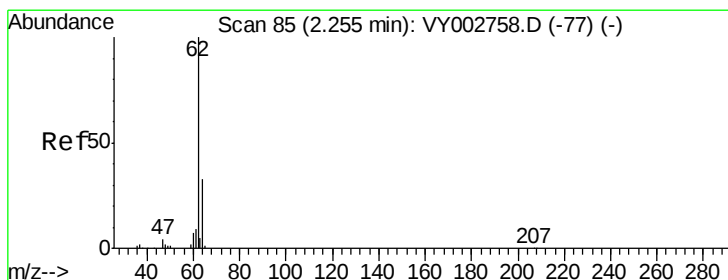
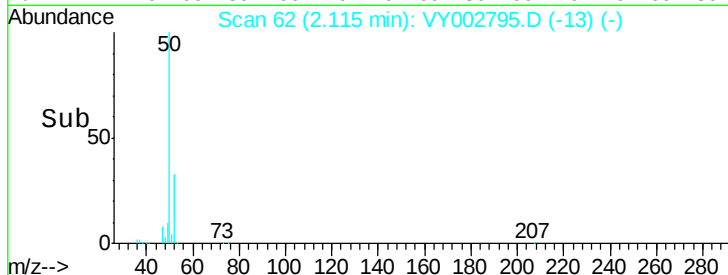
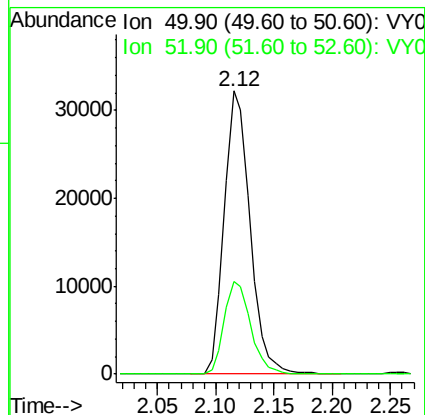
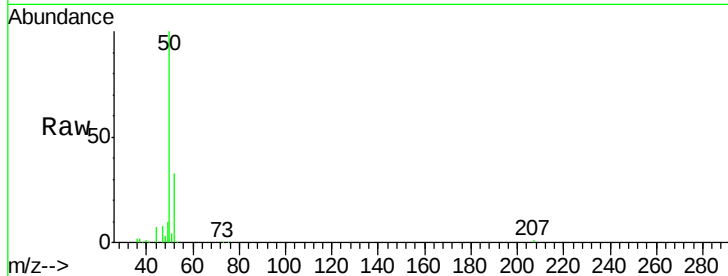
VY0529SBS01

Tgt Ion: 50 Resp: 49650

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6



#4

Vinyl Chloride

Concen: 22.64 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002795.D

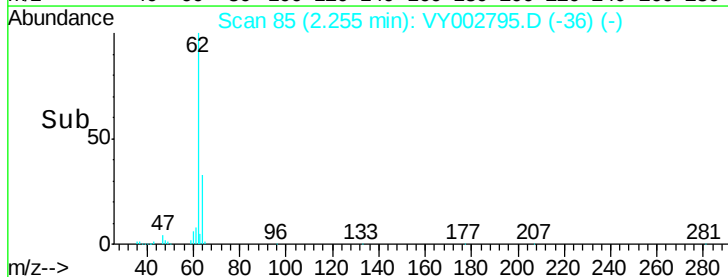
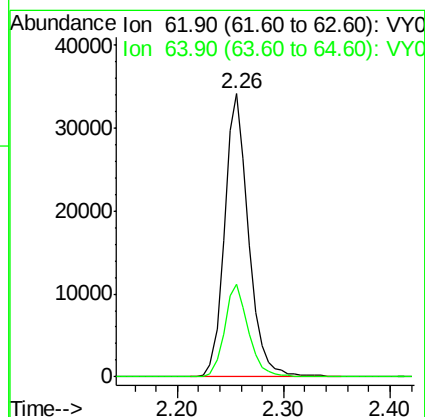
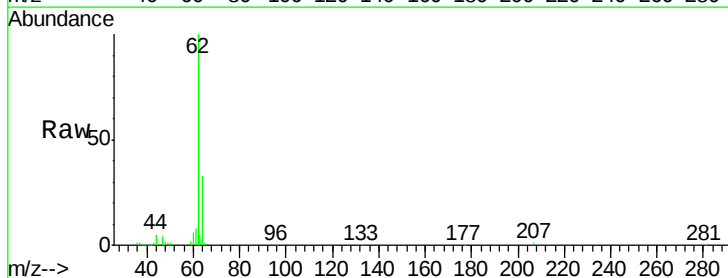
Acq: 29 May 2020 11:25

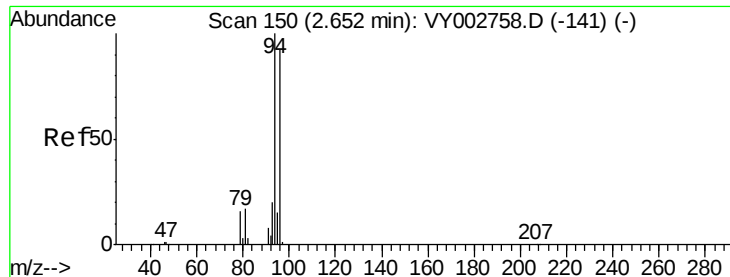
Tgt Ion: 62 Resp: 53423

Ion Ratio Lower Upper

62 100

64 32.8 26.1 39.1





#5

Bromomethane

Concen: 21.72 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

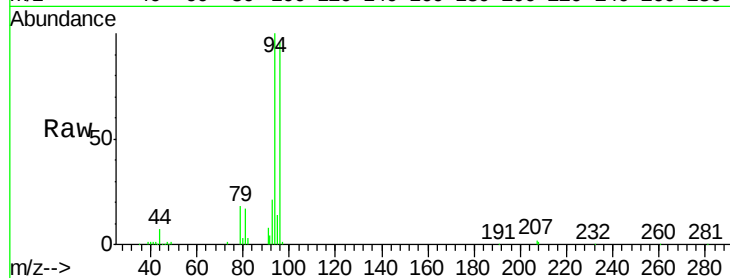
VY0529SBS01

Tgt Ion: 94 Resp: 38415

Ion Ratio Lower Upper

94 100

96 96.0 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

20000

15000

10000

5000

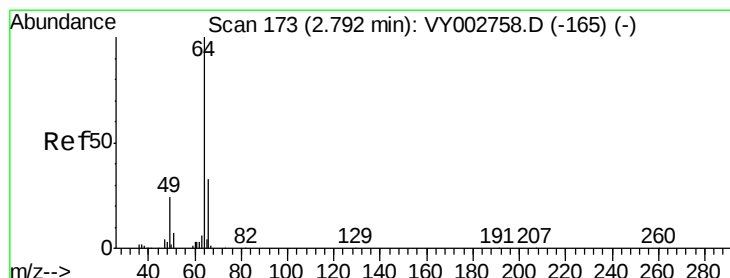
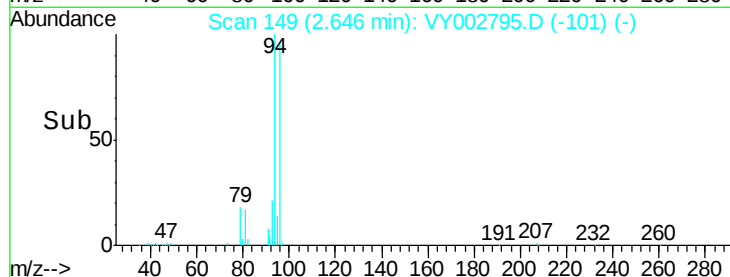
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Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 21.11 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002795.D

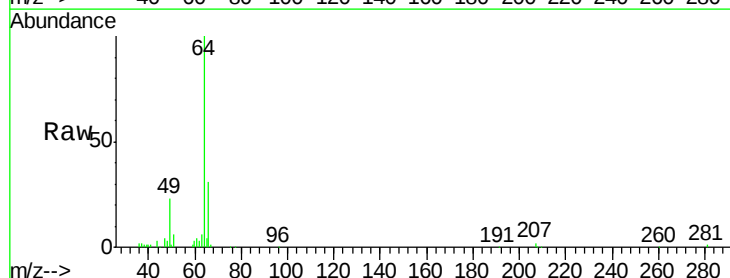
Acq: 29 May 2020 11:25

Tgt Ion: 64 Resp: 32297

Ion Ratio Lower Upper

64 100

66 30.9 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

20000

15000

10000

5000

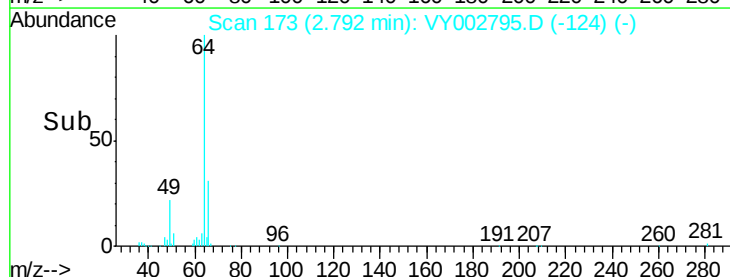
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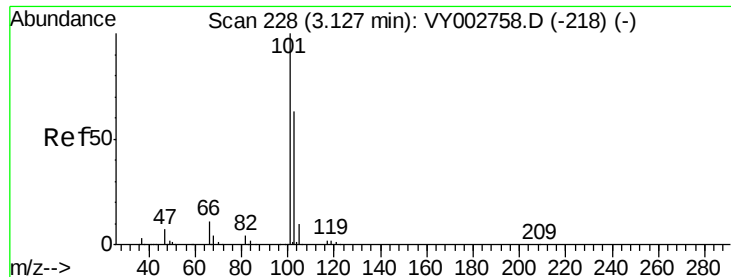
Time-->

2.70

2.80

2.90



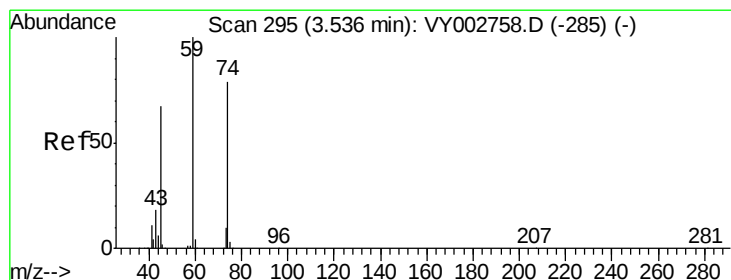
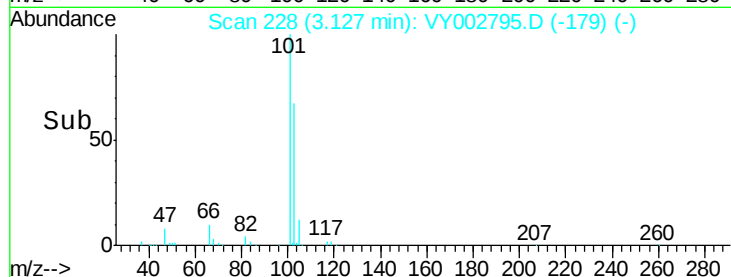
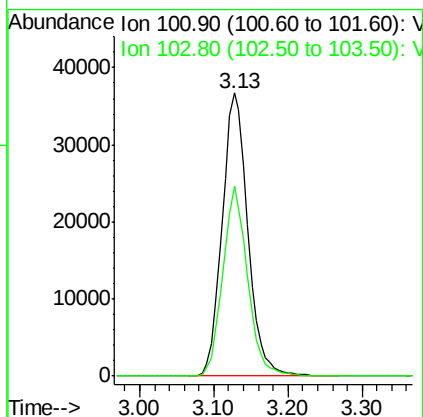
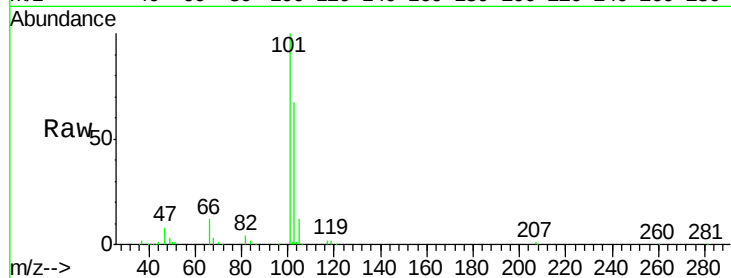


#7

Trichlorofluoromethane
 Concen: 21.14 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

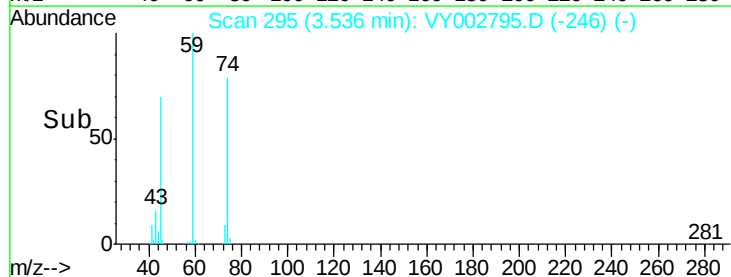
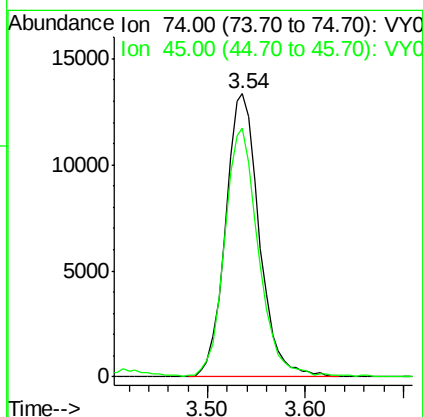
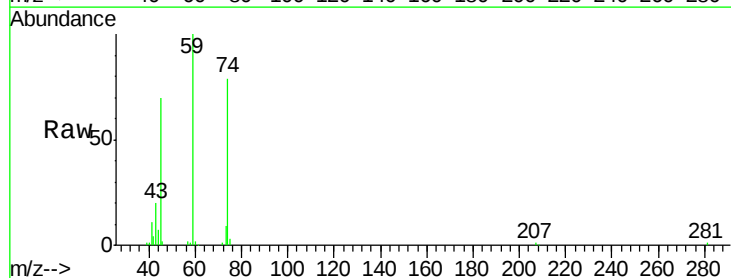
Tgt Ion:101 Resp: 88374
 Ion Ratio Lower Upper
 101 100
 103 67.1 50.6 76.0

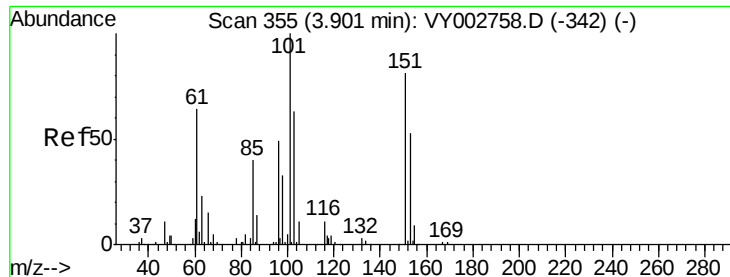


#8

Diethyl Ether
 Concen: 19.51 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion: 74 Resp: 31837
 Ion Ratio Lower Upper
 74 100
 45 88.6 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.30 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

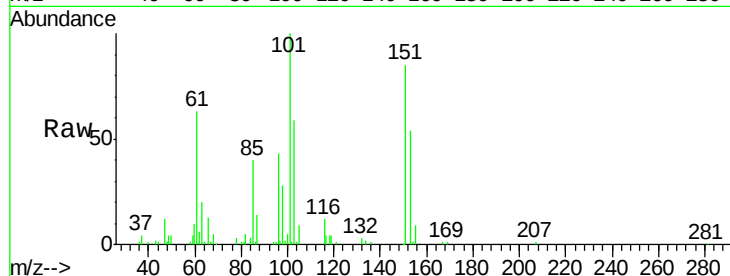
Tgt Ion:101 Resp: 52852

Ion Ratio Lower Upper

101 100

85 41.3 32.7 49.1

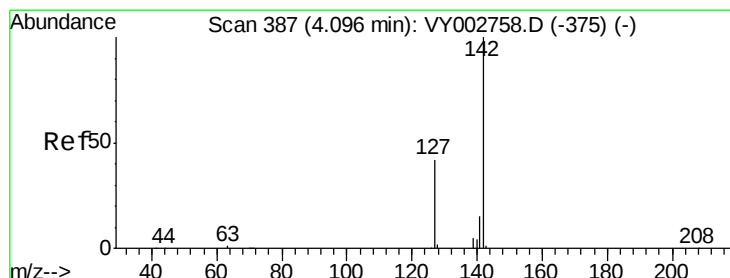
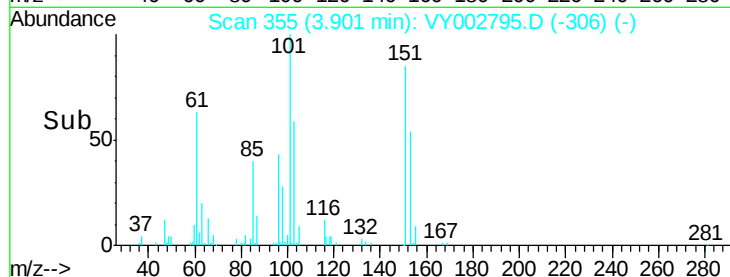
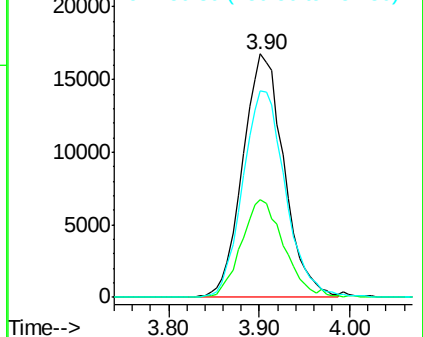
151 87.6 68.0 102.0



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: 19.22 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

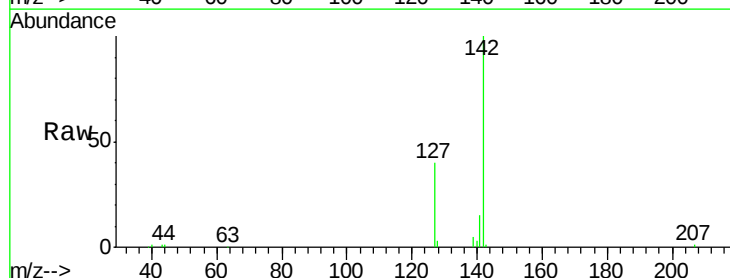
Tgt Ion:142 Resp: 66752

Ion Ratio Lower Upper

142 100

127 41.2 33.3 49.9

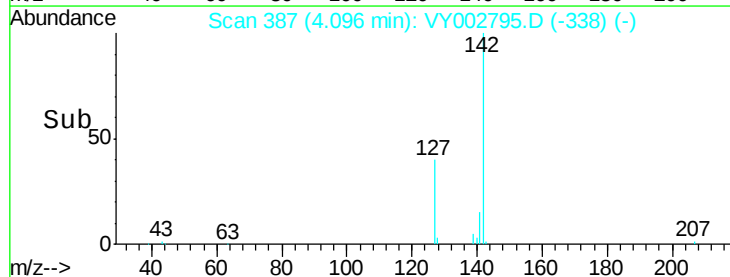
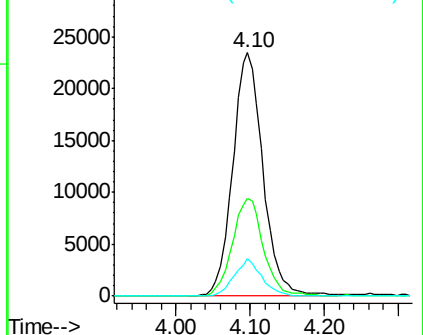
141 13.9 11.5 17.3

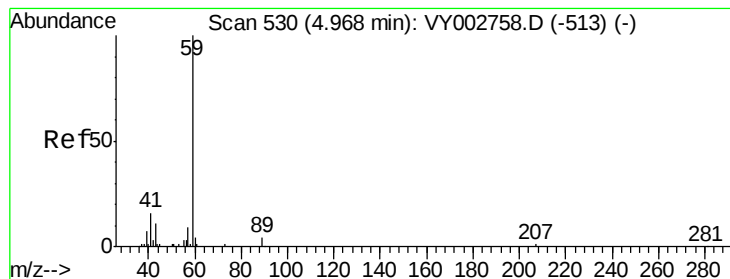


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



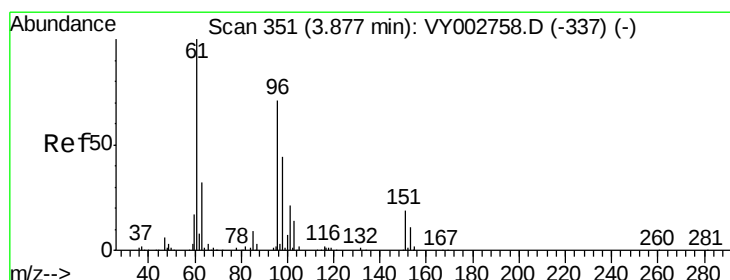
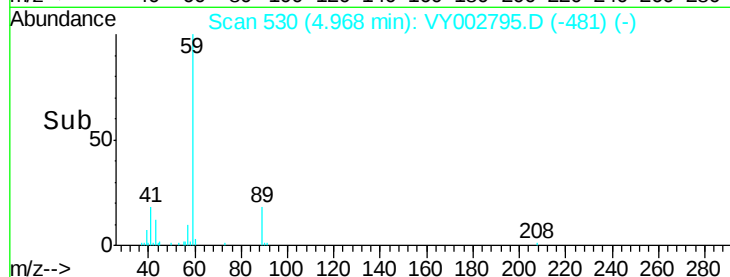
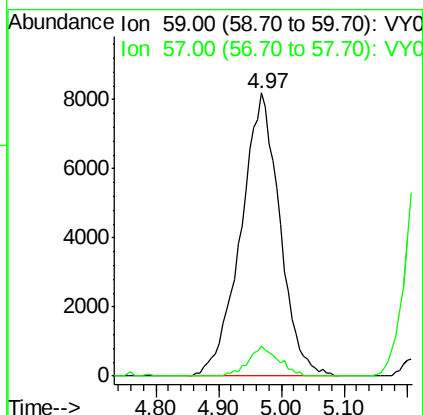
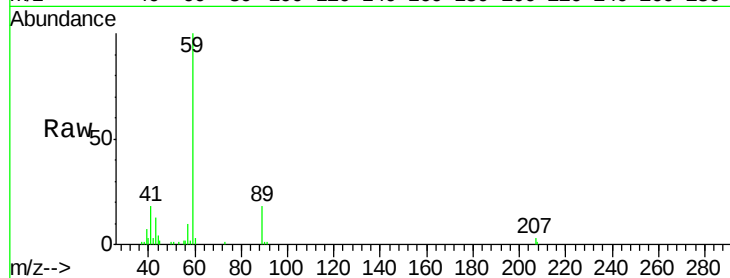


#11

Tert butyl alcohol
 Concen: 122.04 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

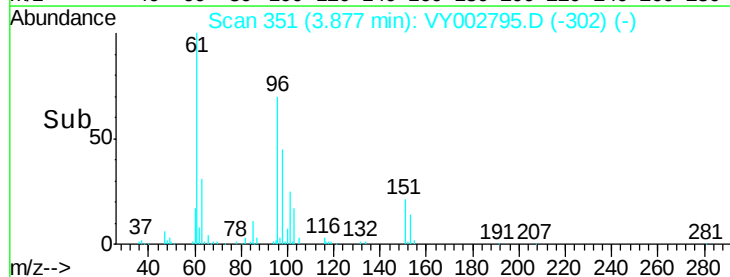
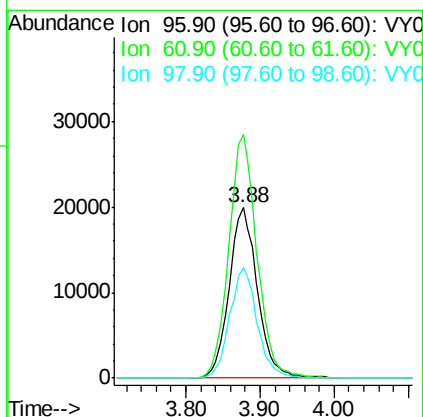
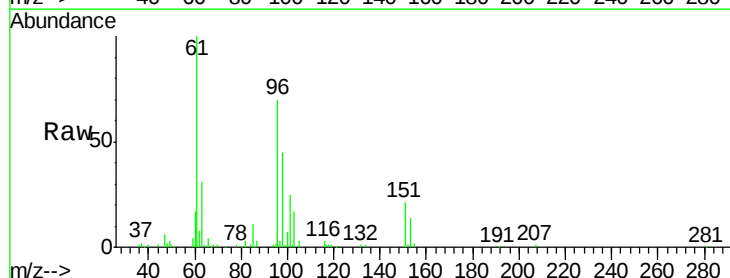
Tgt Ion: 59 Resp: 35203
 Ion Ratio Lower Upper
 59 100
 57 8.1 7.7 11.5

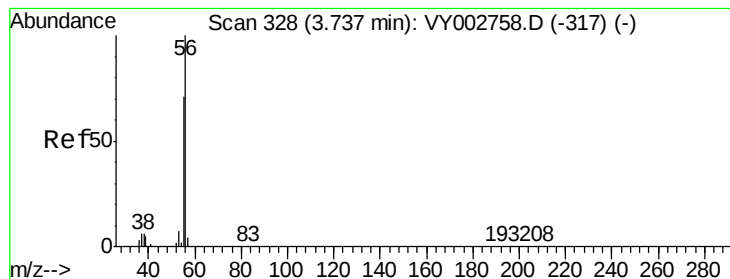


#12

1,1-Dichloroethene
 Concen: 21.28 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion: 96 Resp: 53108
 Ion Ratio Lower Upper
 96 100
 61 143.0 112.6 168.8
 98 64.9 50.0 75.0





#13

Acrolein

Concen: 99.71 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

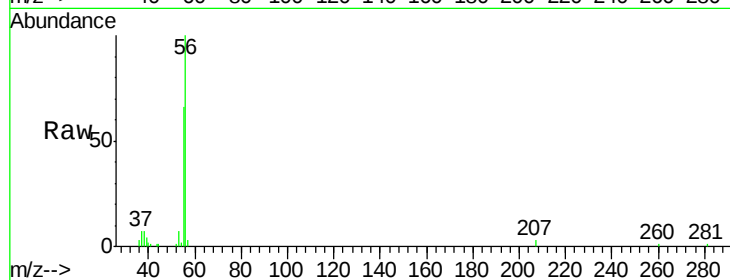
VY0529SBS01

Tgt Ion: 56 Resp: 29764

Ion Ratio Lower Upper

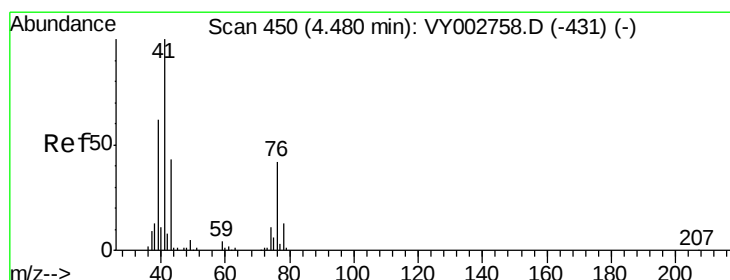
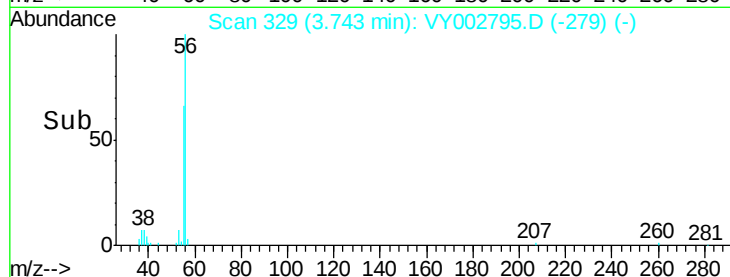
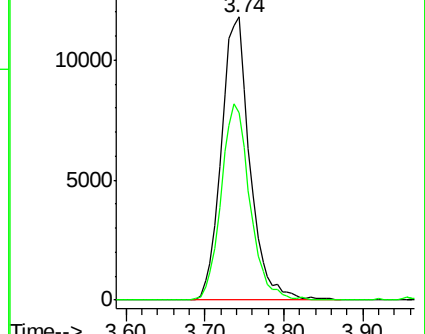
56 100

55 69.5 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.24 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

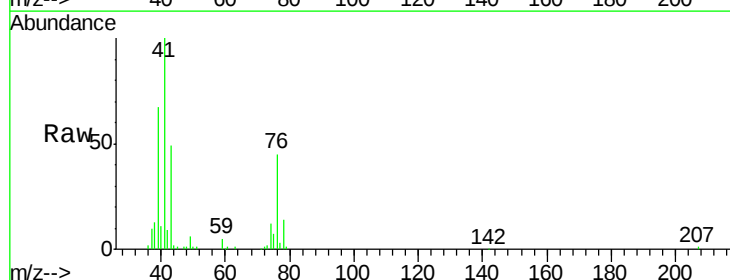
Tgt Ion: 41 Resp: 76035

Ion Ratio Lower Upper

41 100

39 63.4 49.9 74.9

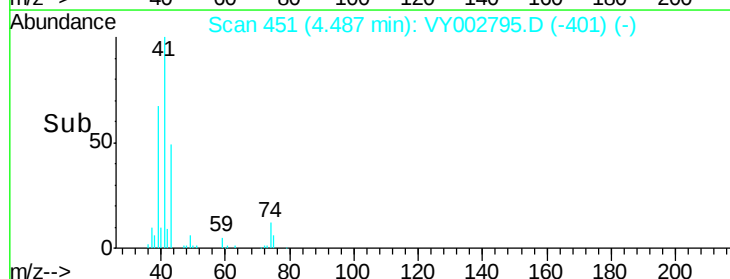
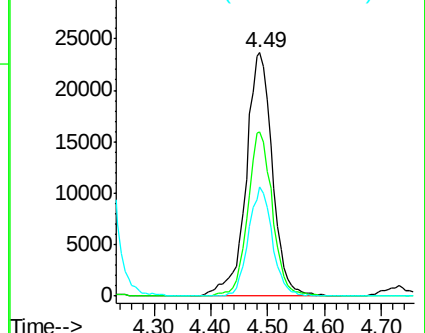
76 40.8 33.2 49.8

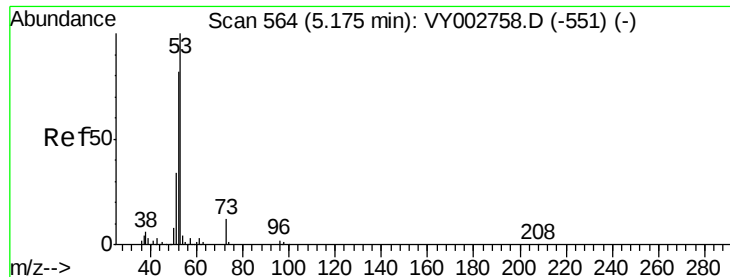


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 107.90 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

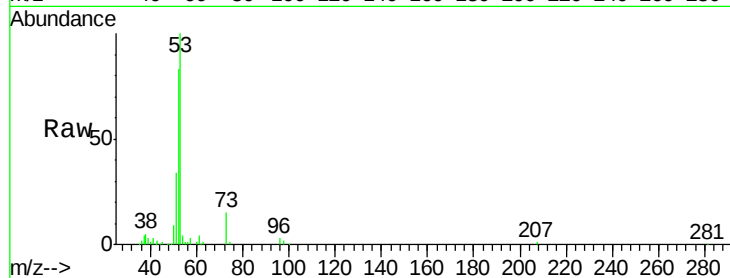
Tgt Ion: 53 Resp: 79447

Ion Ratio Lower Upper

53 100

52 81.8 65.3 97.9

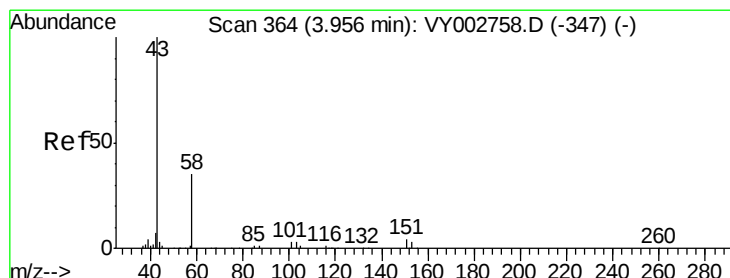
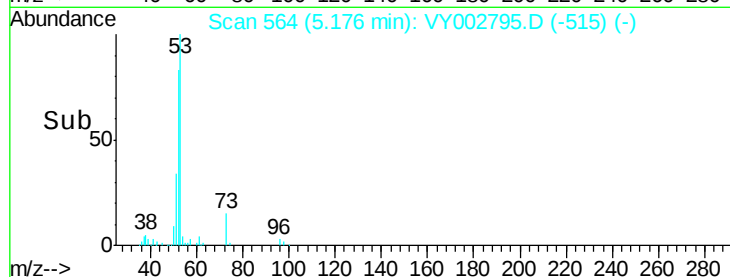
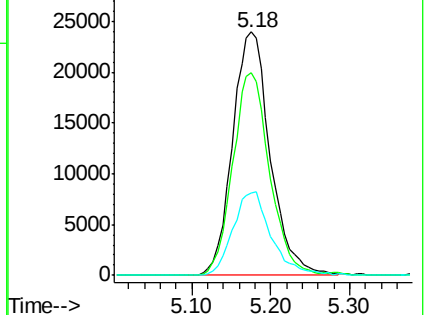
51 35.0 28.0 42.0



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: 104.82 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002795.D

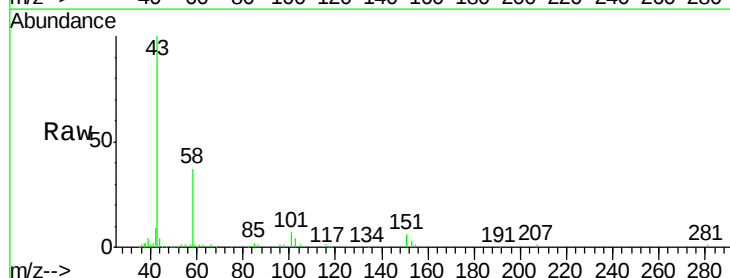
Acq: 29 May 2020 11:25

Tgt Ion: 43 Resp: 62609

Ion Ratio Lower Upper

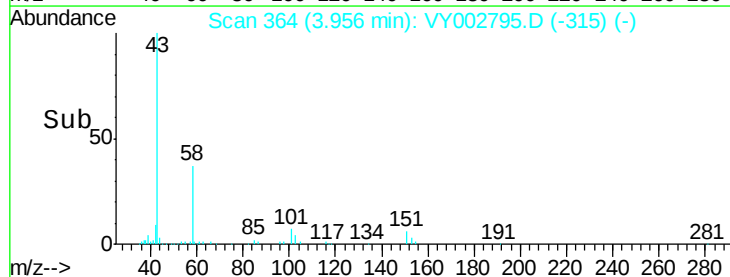
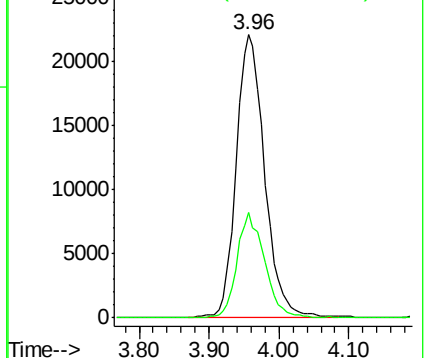
43 100

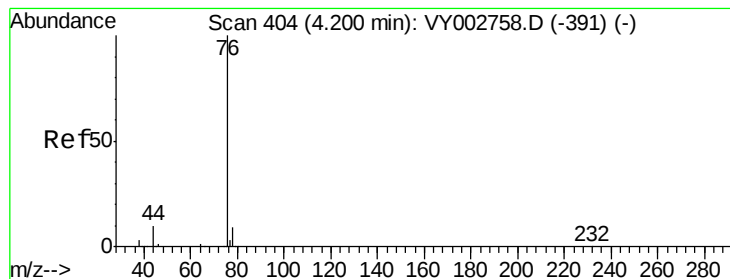
58 37.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 21.20 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

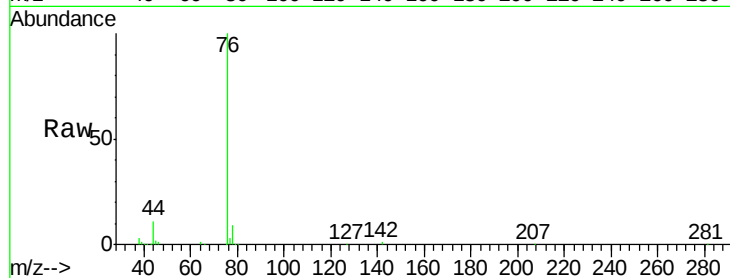
VY0529SBS01

Tgt Ion: 76 Resp: 159902

Ion Ratio Lower Upper

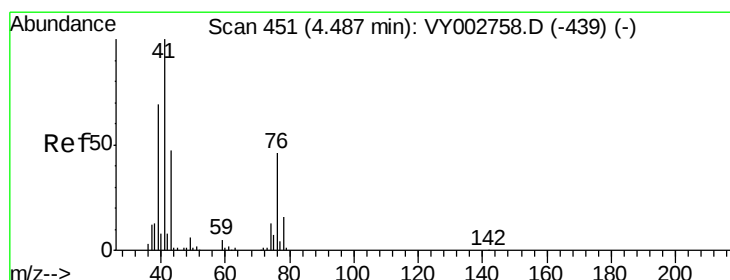
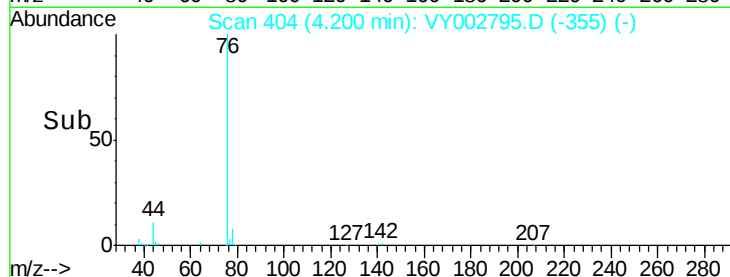
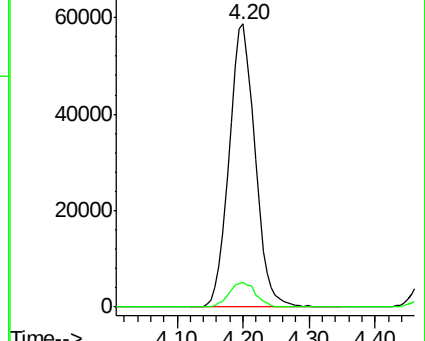
76 100

78 8.9 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 23.13 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002795.D

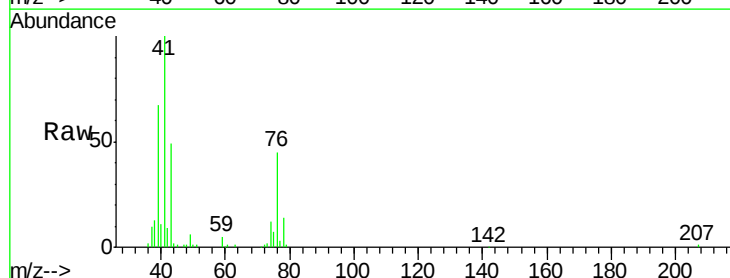
Acq: 29 May 2020 11:25

Tgt Ion: 43 Resp: 35448

Ion Ratio Lower Upper

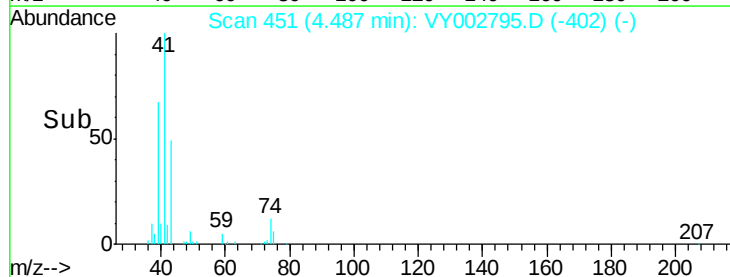
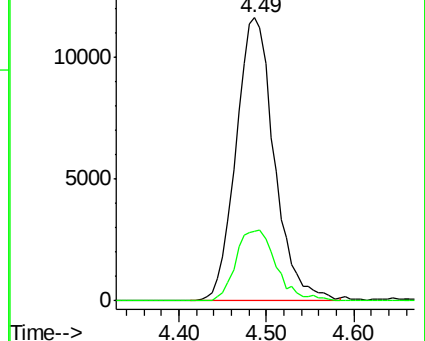
43 100

74 26.3 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

Methyl tert-butyl Ether

Concen: 21.12 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

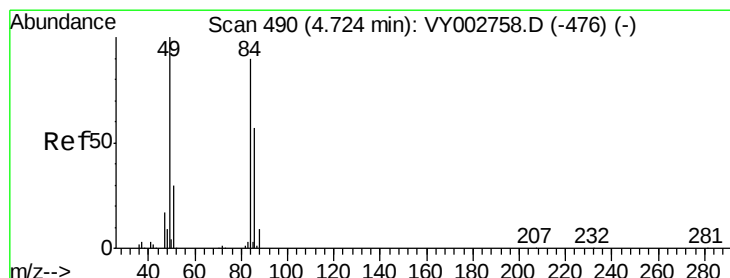
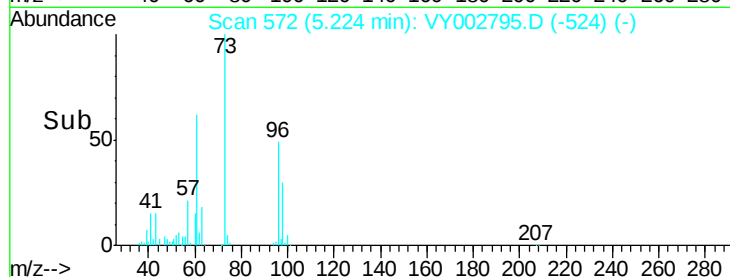
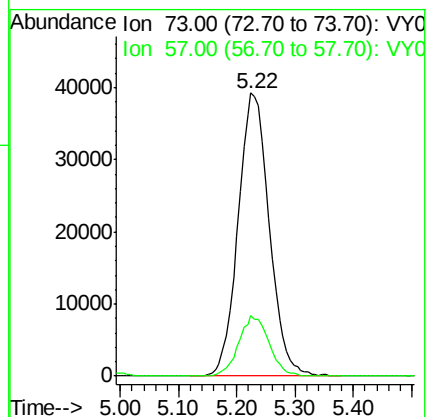
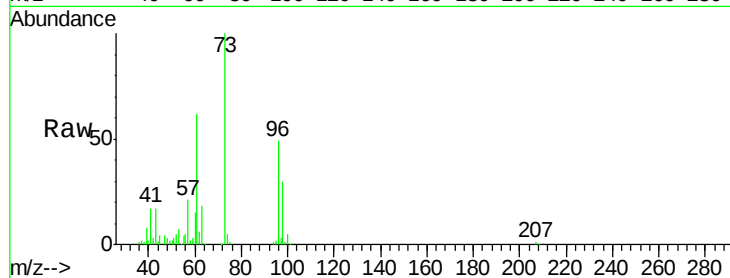
VY0529SBS01

Tgt Ion: 73 Resp: 145530

Ion Ratio Lower Upper

73 100

57 21.3 17.0 25.4



#20

Methylene Chloride

Concen: 21.66 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Tgt Ion: 84 Resp: 63213

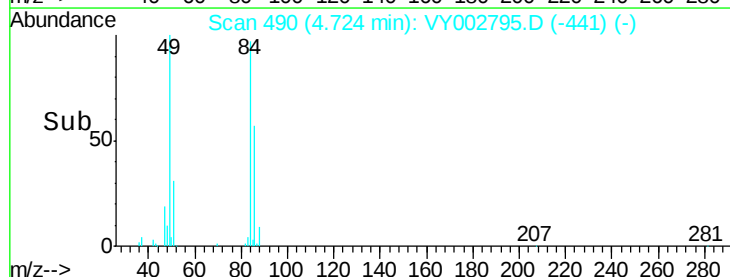
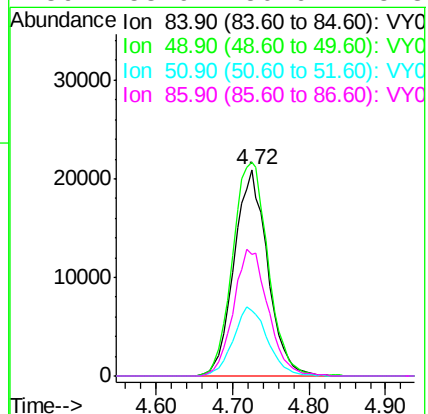
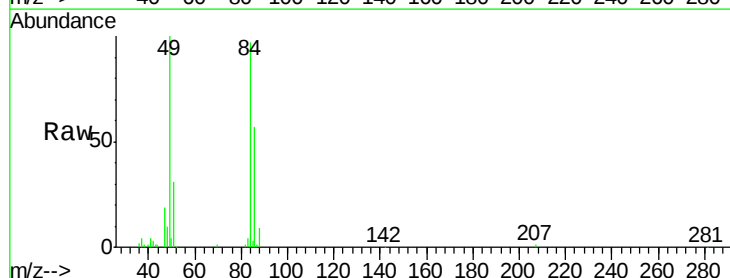
Ion Ratio Lower Upper

84 100

49 103.6 88.5 132.7

51 31.7 26.8 40.2

86 58.9 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.45 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

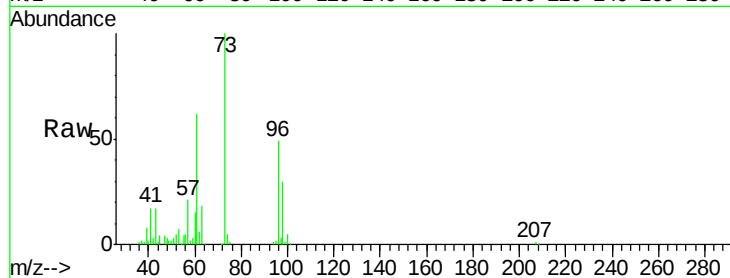
Tgt Ion: 96 Resp: 60204

Ion Ratio Lower Upper

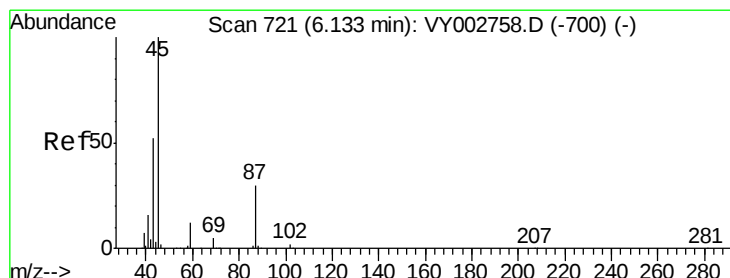
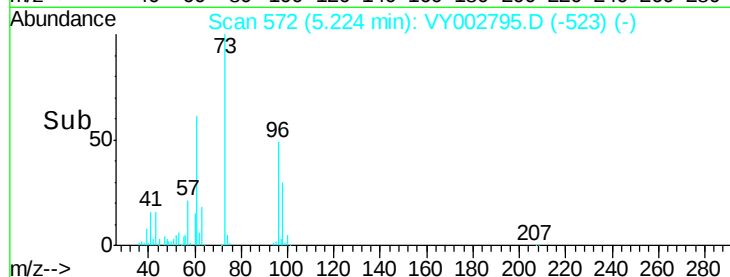
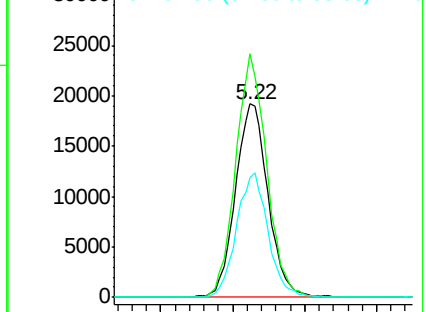
96 100

61 126.0 96.8 145.2

98 62.1 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: 21.71 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Tgt Ion: 45 Resp: 161464

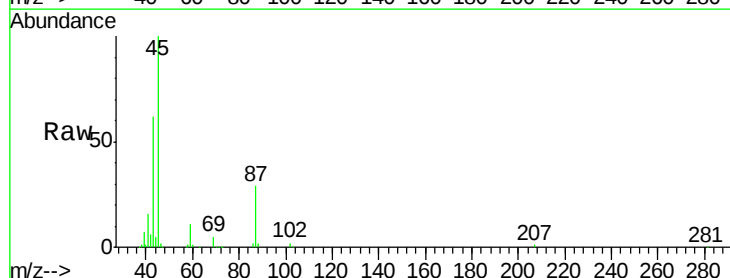
Ion Ratio Lower Upper

45 100

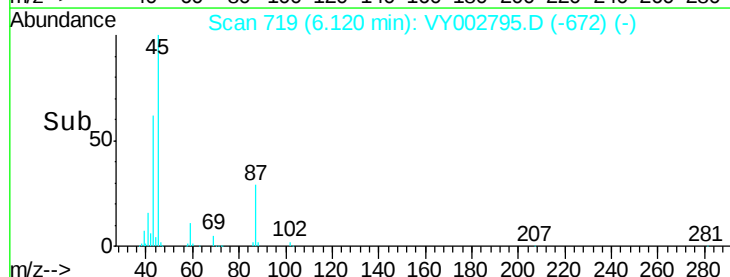
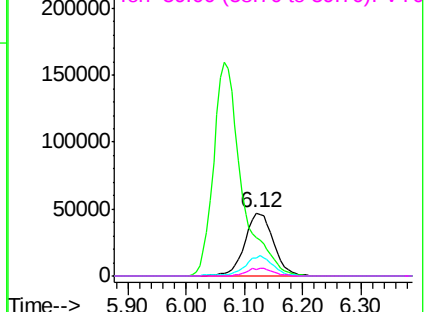
43 61.5 41.7 62.5

87 29.5 24.2 36.2

59 10.6 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

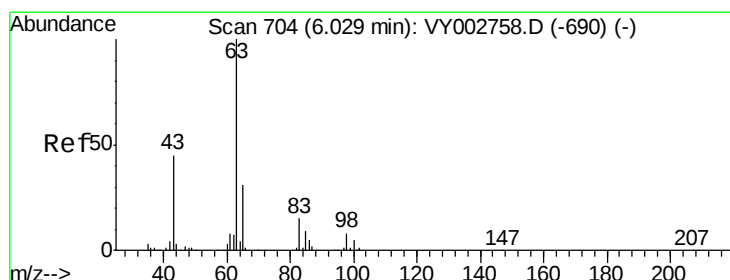
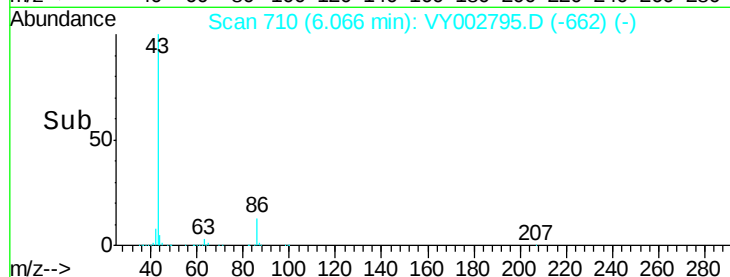
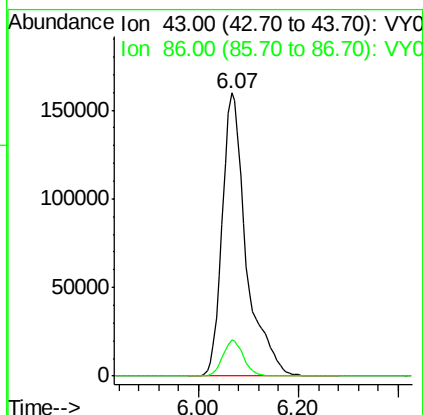
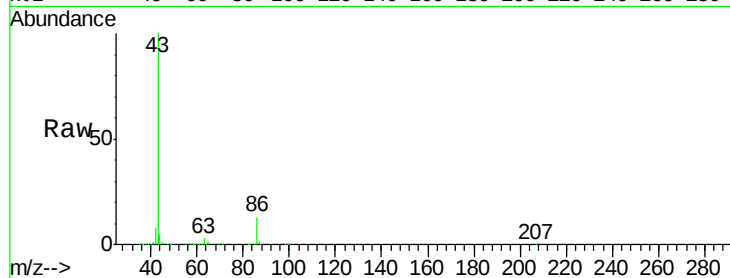




#23
 Vinyl Acetate
 Concen: 108.64 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

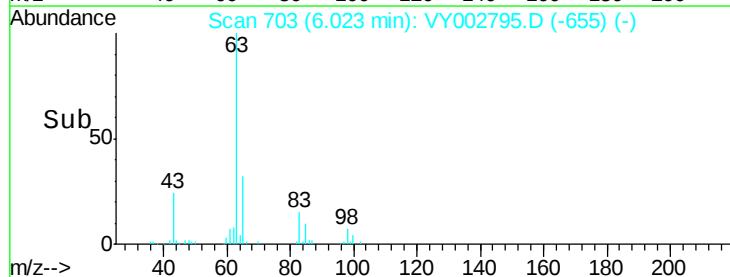
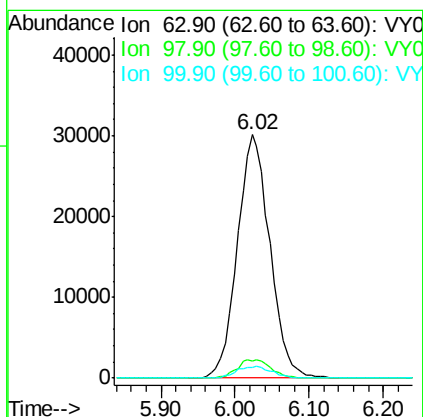
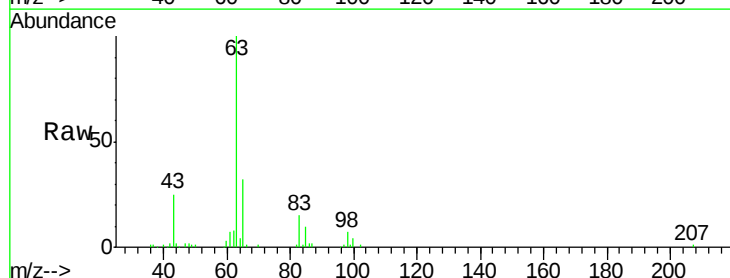
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

Tgt Ion: 43 Resp: 533524
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 21.16 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion: 63 Resp: 92074
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.2
 100 4.3 2.4 7.1

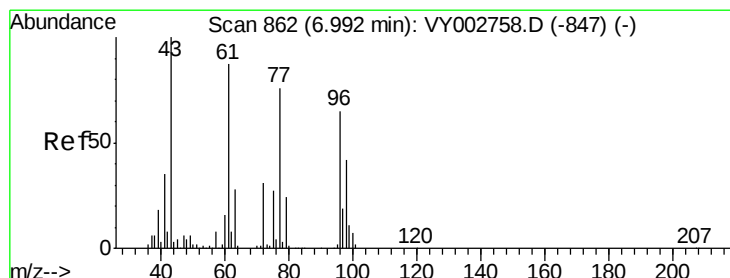
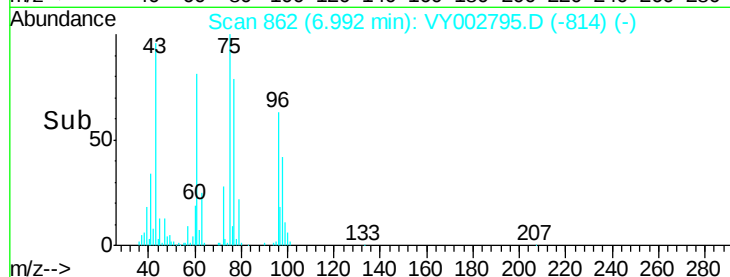
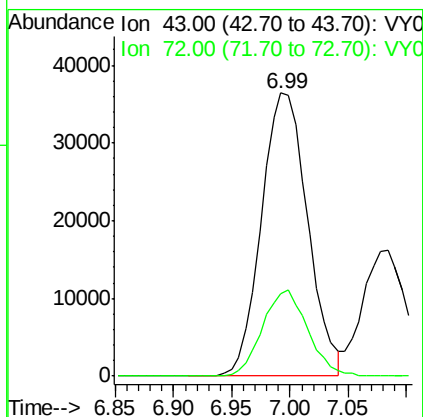
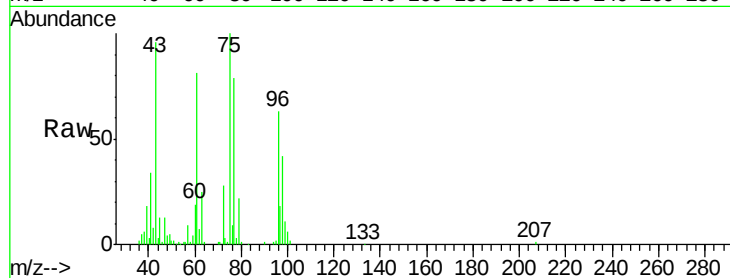




#25
 2-Butanone
 Concen: 107.75 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

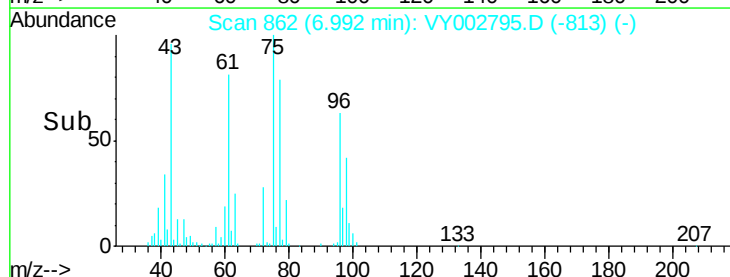
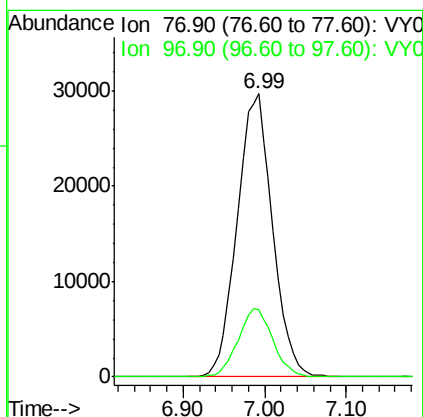
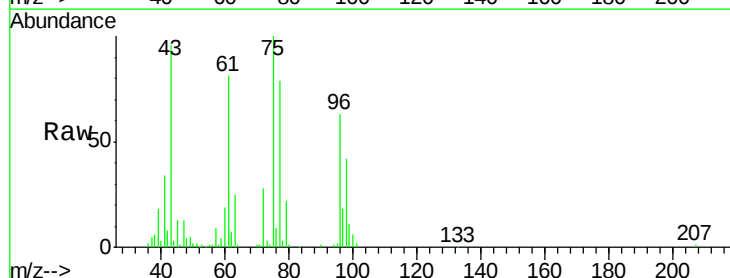
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

Tgt Ion: 43 Resp: 100276
 Ion Ratio Lower Upper
 43 100
 72 29.3 23.9 35.9



#26
 2,2-Dichloropropane
 Concen: 21.35 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion: 77 Resp: 89099
 Ion Ratio Lower Upper
 77 100
 97 23.6 12.2 36.6



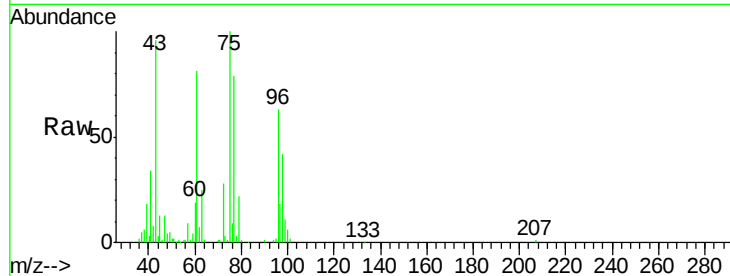


#27

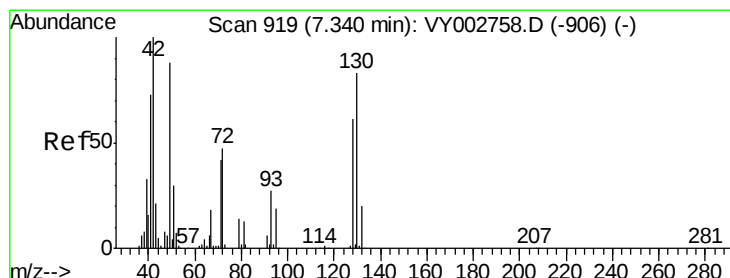
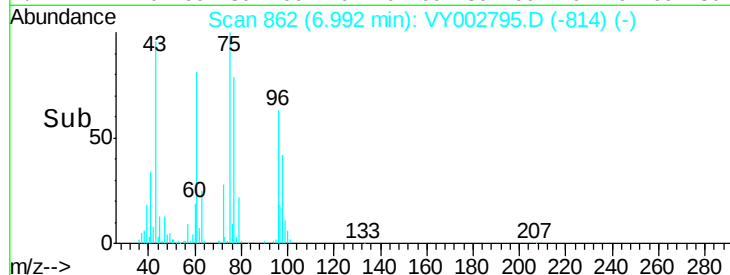
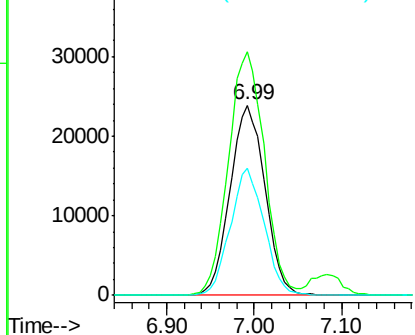
cis-1,2-Dichloroethene
Concen: 21.10 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002795.D
Acq: 29 May 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

Tgt Ion: 96 Resp: 66297
Ion Ratio Lower Upper
96 100
61 131.6 0.0 260.2
98 64.8 0.0 128.2



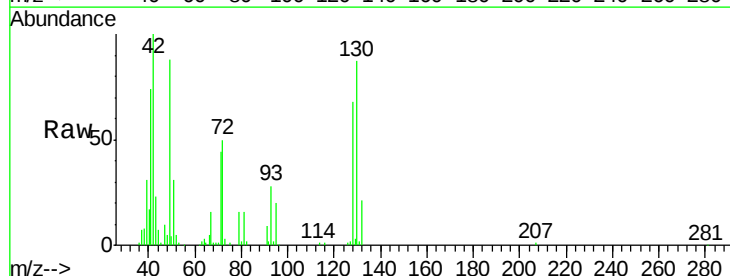
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



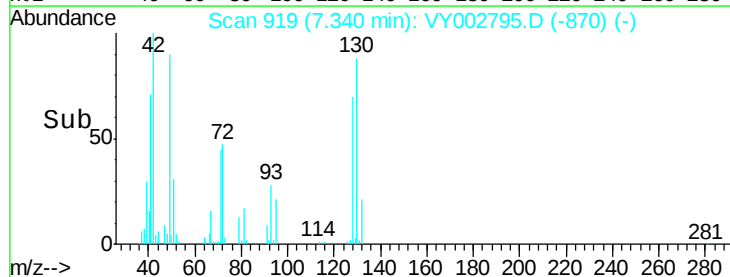
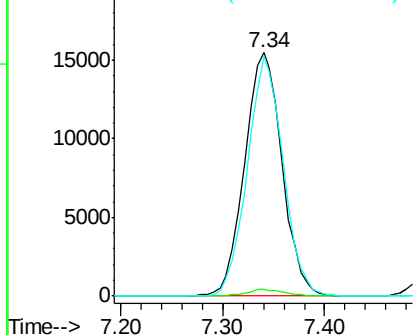
#28

Bromochloromethane
Concen: 22.09 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002795.D
Acq: 29 May 2020 11:25

Tgt Ion: 49 Resp: 39458
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.2
130 94.4 77.1 115.7



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





#29

Tetrahydrofuran

Concen: 107.93 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

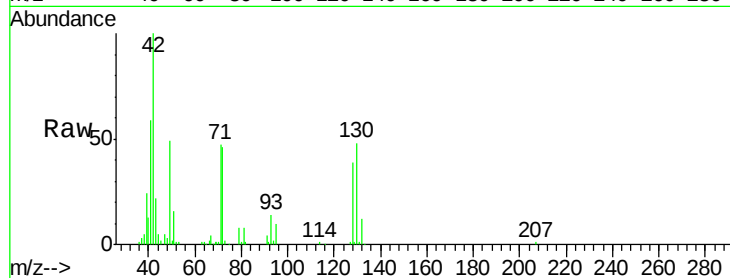
Tgt Ion: 42 Resp: 65334

Ion Ratio Lower Upper

42 100

72 48.8 38.6 58.0

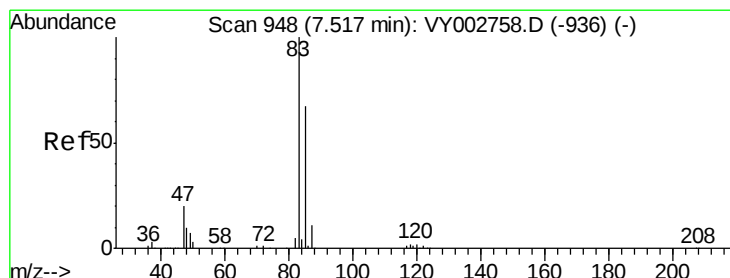
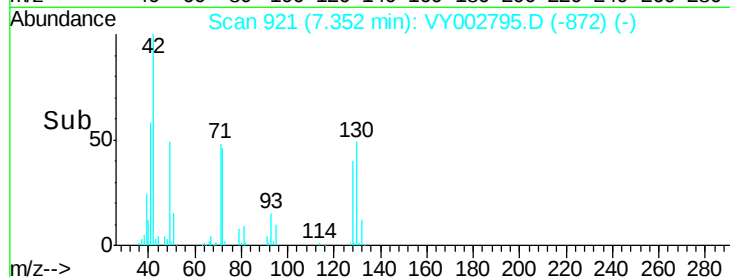
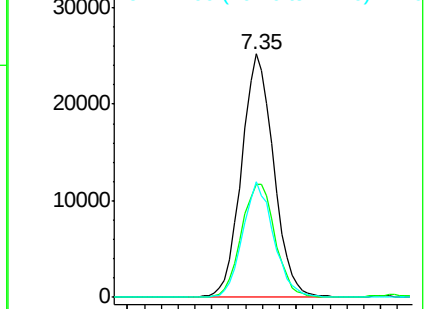
71 45.8 35.8 53.8



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: 21.74 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002795.D

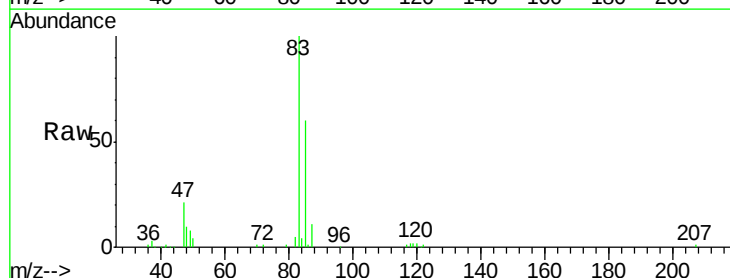
Acq: 29 May 2020 11:25

Tgt Ion: 83 Resp: 100389

Ion Ratio Lower Upper

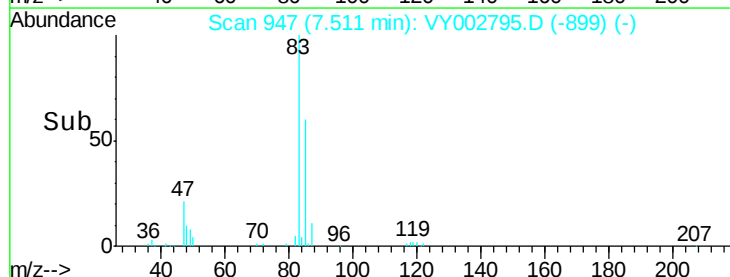
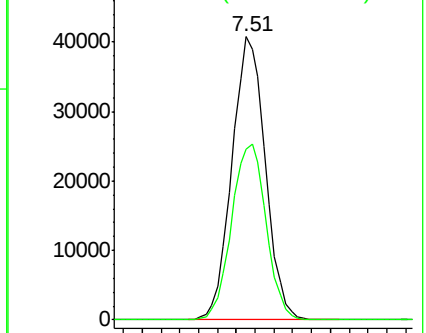
83 100

85 60.5 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: 20.44 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

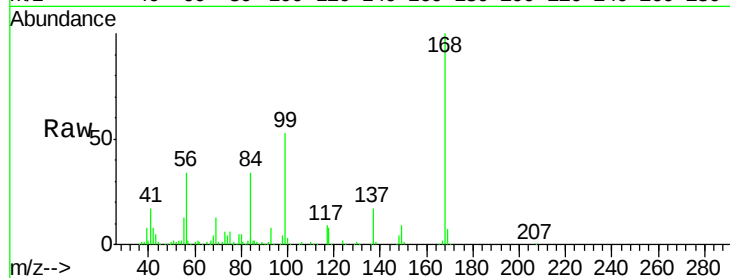
Tgt Ion: 56 Resp: 88326

Ion Ratio Lower Upper

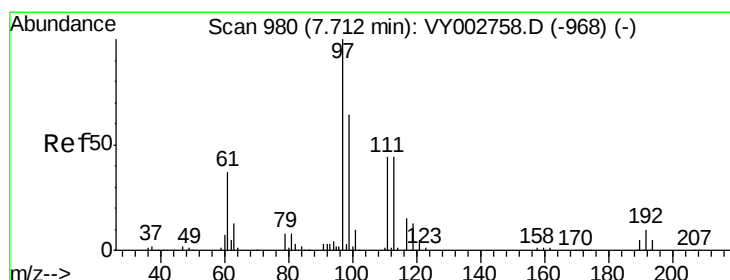
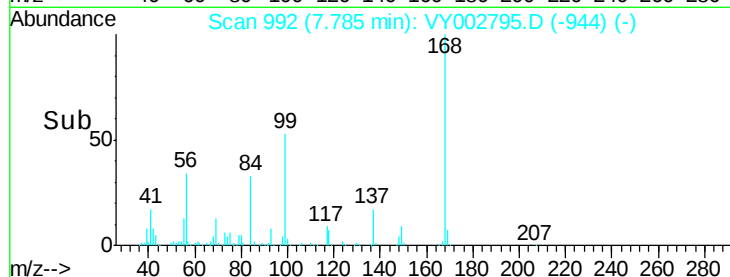
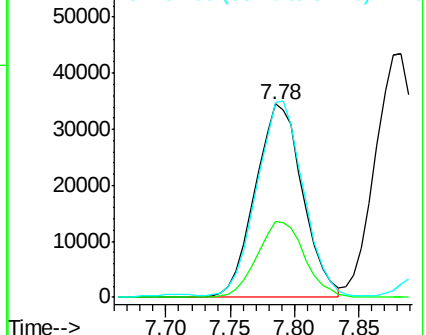
56 100

69 39.5 28.0 42.0

84 99.2 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: 20.84 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

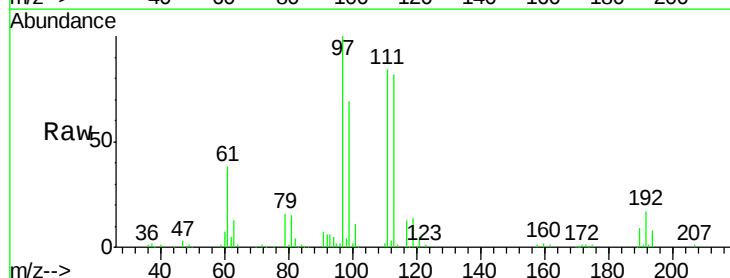
Tgt Ion: 97 Resp: 89676

Ion Ratio Lower Upper

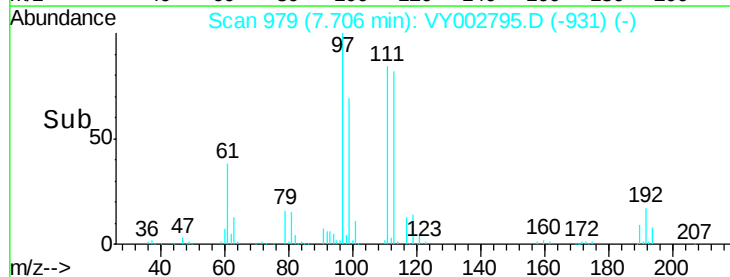
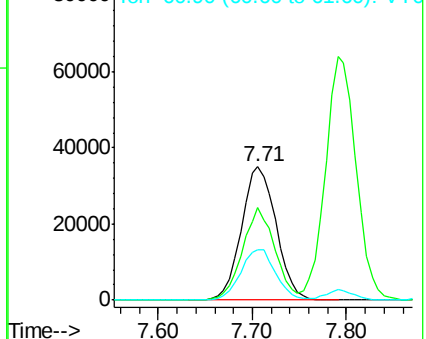
97 100

99 64.8 51.4 77.0

61 38.4 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

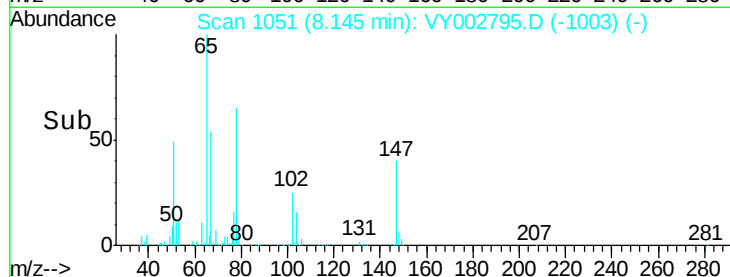
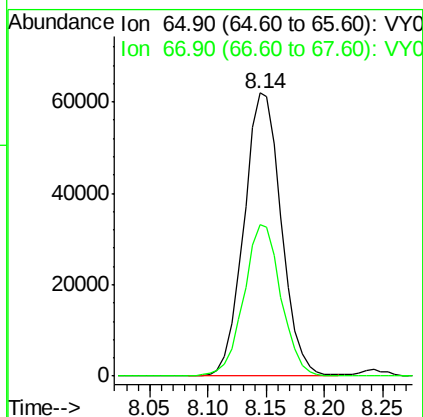
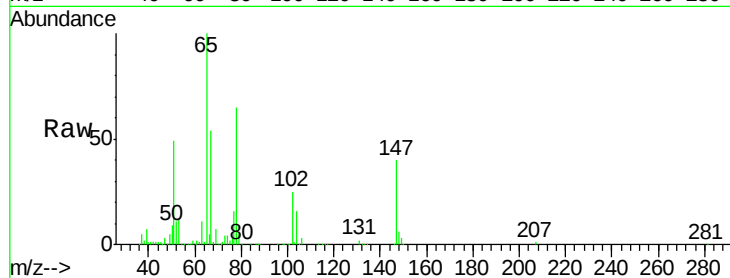




#33
 1,2-Dichloroethane-d4
 Concen: 54.47 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

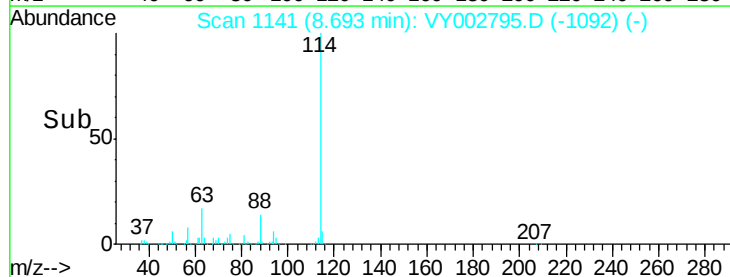
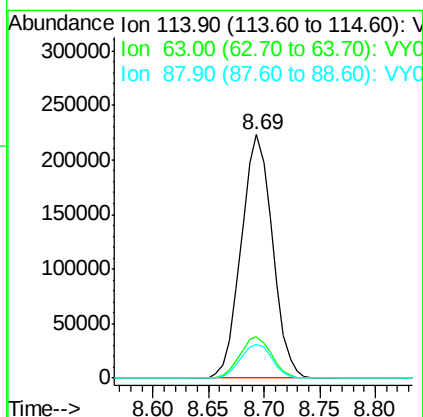
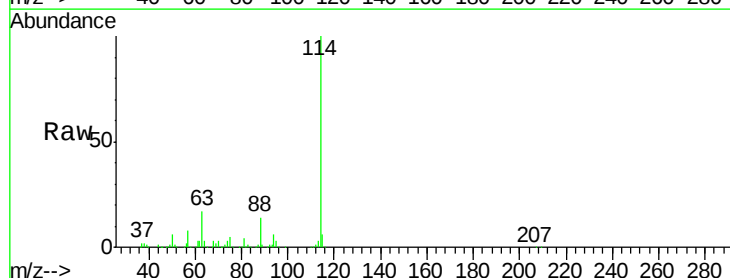
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

Tgt Ion: 65 Resp: 138759
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion: 114 Resp: 435922
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.2
 88 14.0 0.0 29.2

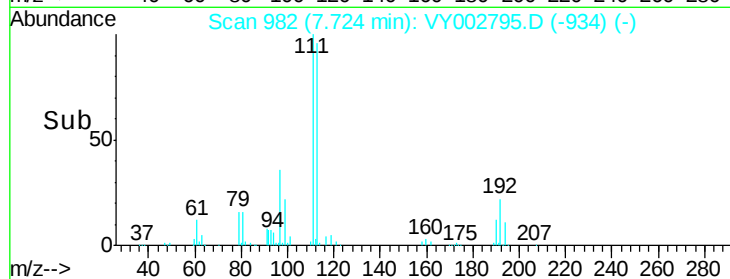
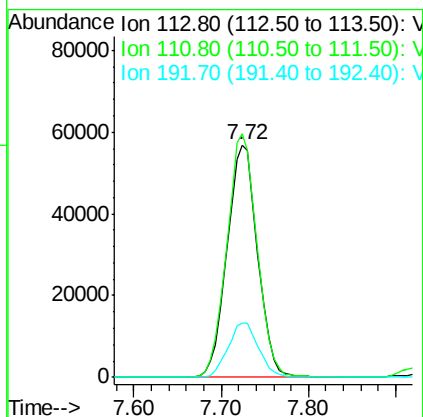
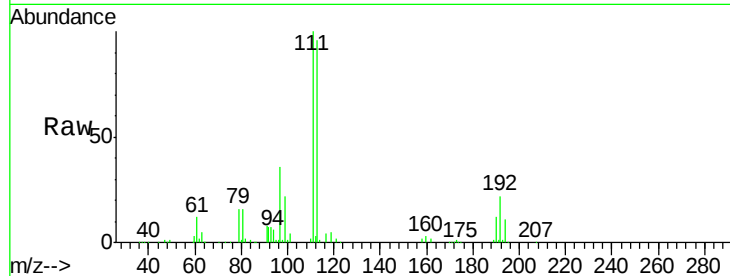




#35
 Dibromofluoromethane
 Concen: 53.88 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

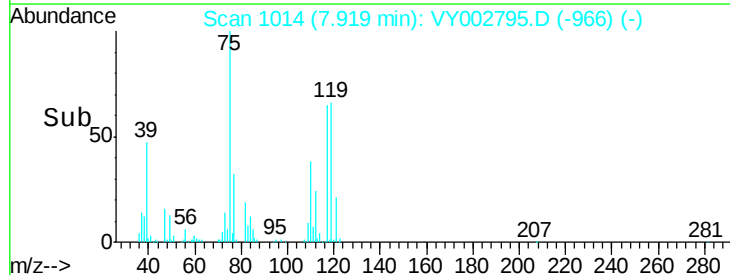
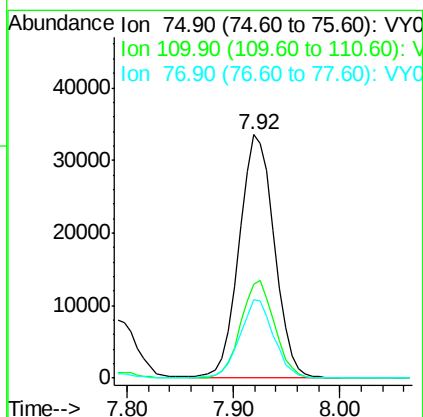
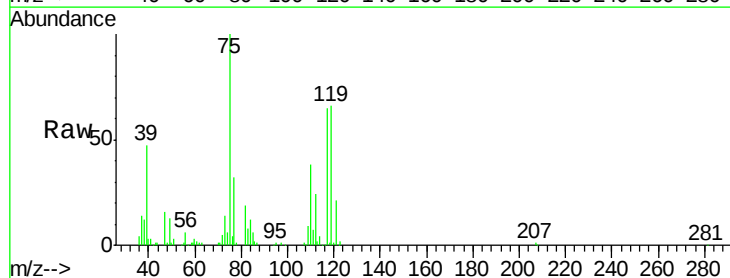
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

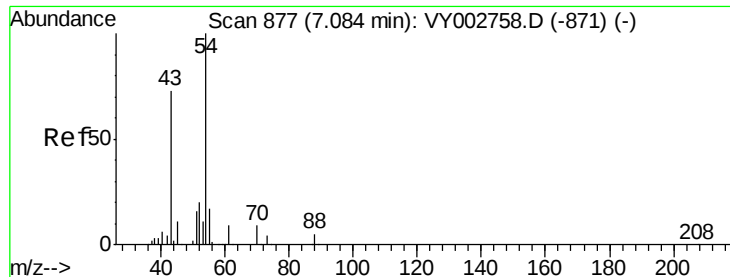
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.0	123.0
192	23.5	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.24 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.3	57.9
77	31.1	24.8	37.2

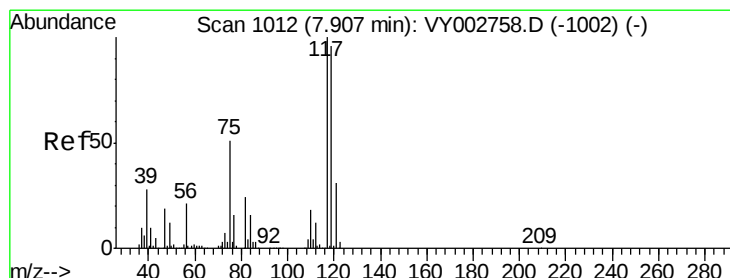
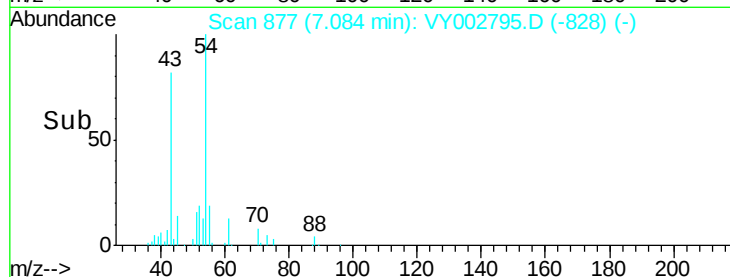
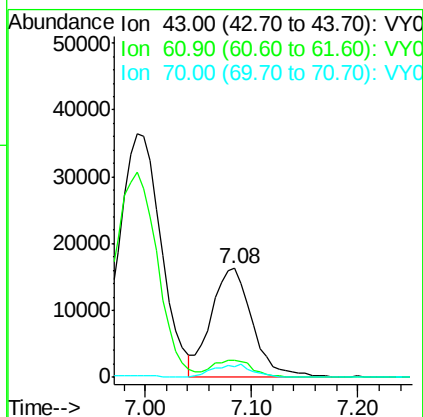
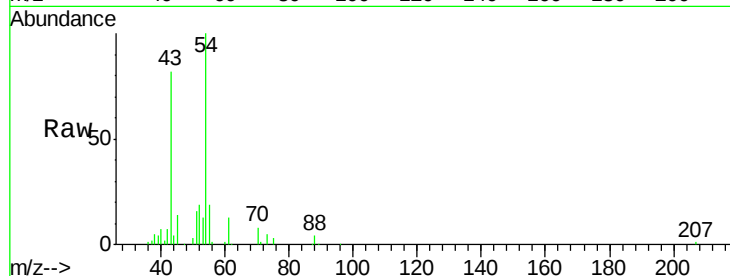




#37
Ethyl Acetate
Concen: 21.83 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002795.D
Acq: 29 May 2020 11:25

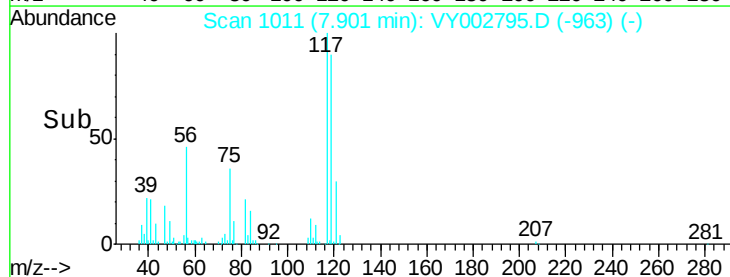
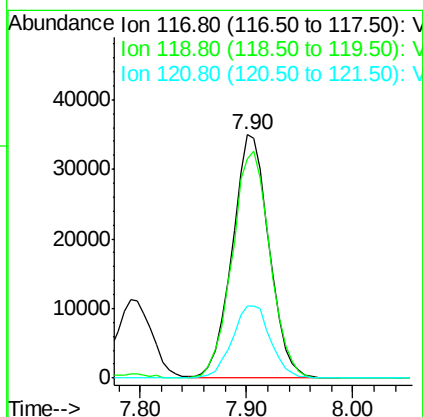
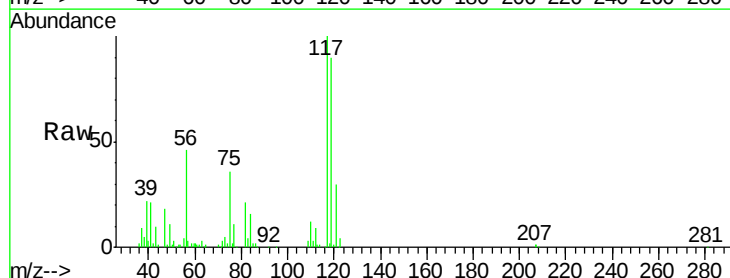
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

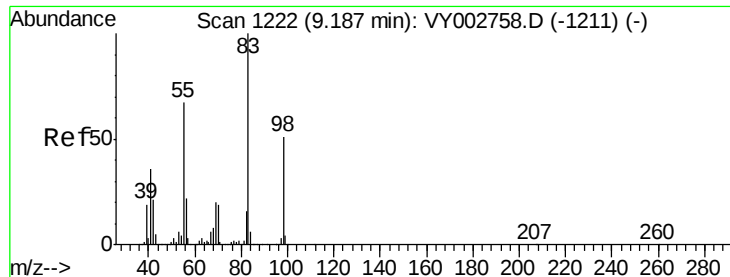
Tgt Ion: 43 Resp: 43621
Ion Ratio Lower Upper
43 100
61 15.8 11.9 17.9
70 11.5 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.77 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002795.D
Acq: 29 May 2020 11:25

Tgt Ion: 117 Resp: 84737
Ion Ratio Lower Upper
117 100
119 90.0 76.8 115.2
121 29.6 24.8 37.2

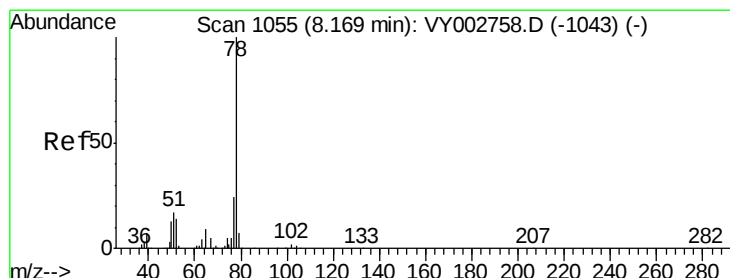
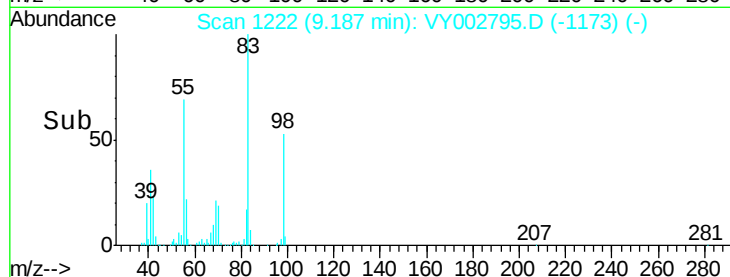
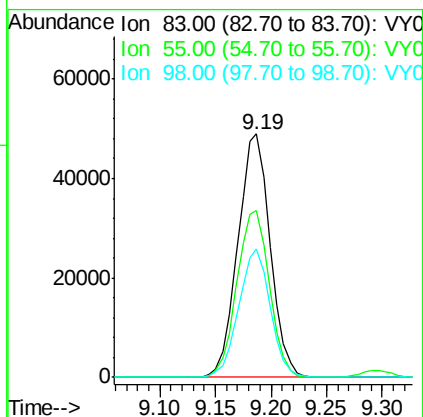
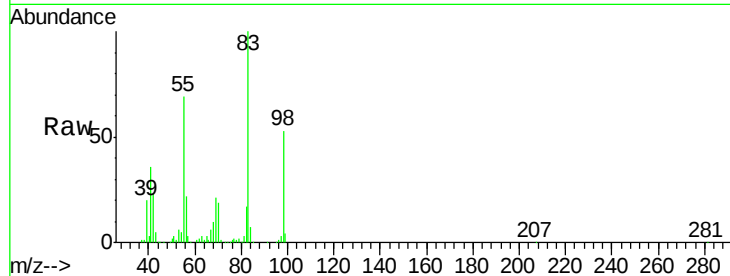




#39
Methylcyclohexane
Concen: 20.36 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002795.D
Acq: 29 May 2020 11:25

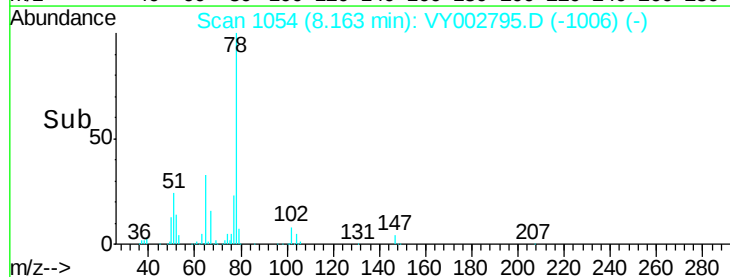
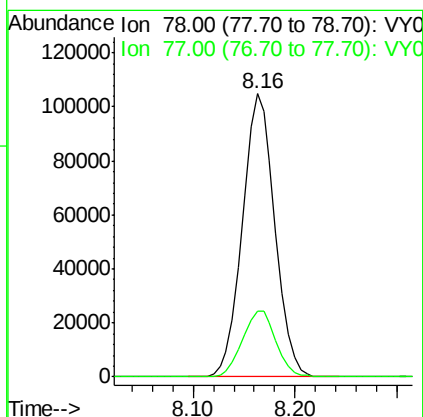
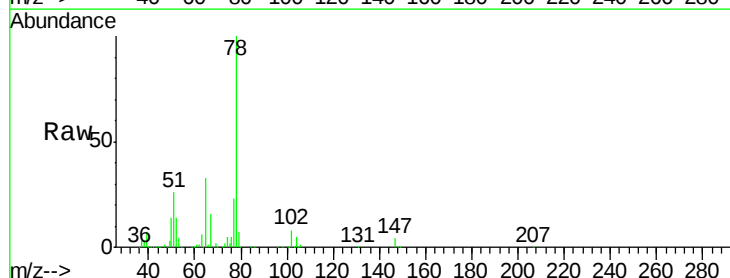
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

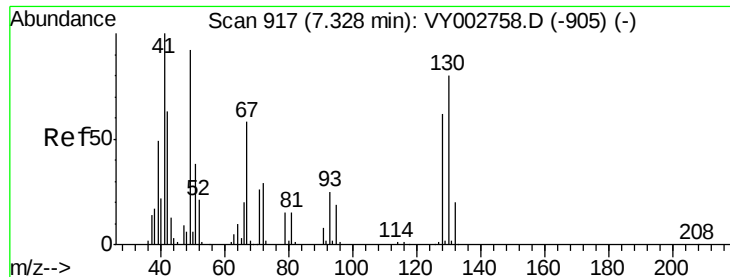
Tgt Ion: 83 Resp: 98552
Ion Ratio Lower Upper
83 100
55 68.5 53.3 79.9
98 52.5 41.1 61.7



#40
Benzene
Concen: 21.24 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002795.D
Acq: 29 May 2020 11:25

Tgt Ion: 78 Resp: 230513
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2





#41

Methacrylonitrile

Concen: 21.07 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

Tgt Ion: 41 Resp: 22616

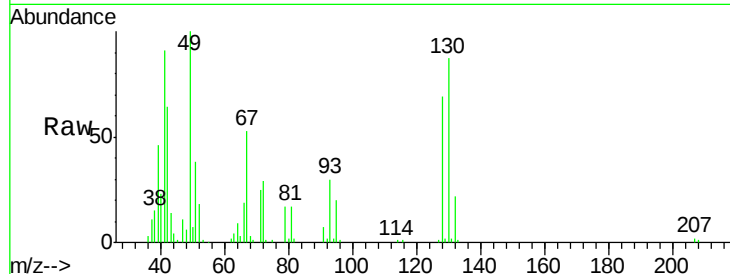
Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

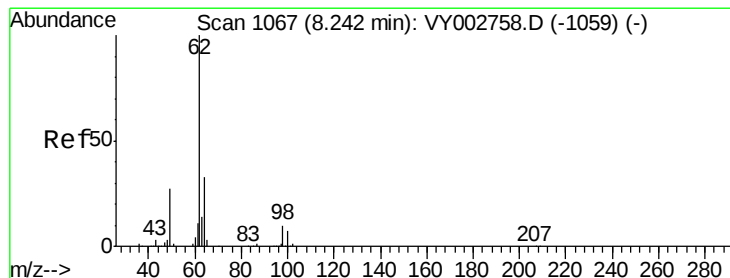
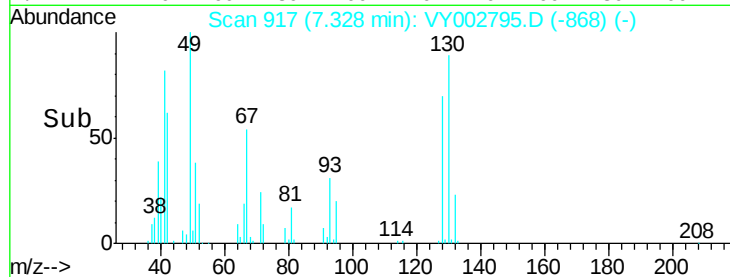
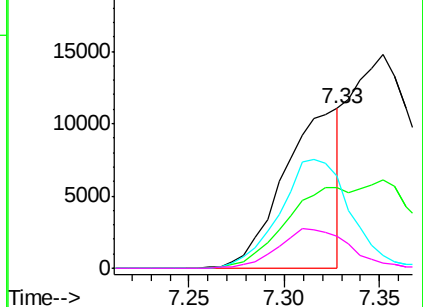


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 21.29 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002795.D

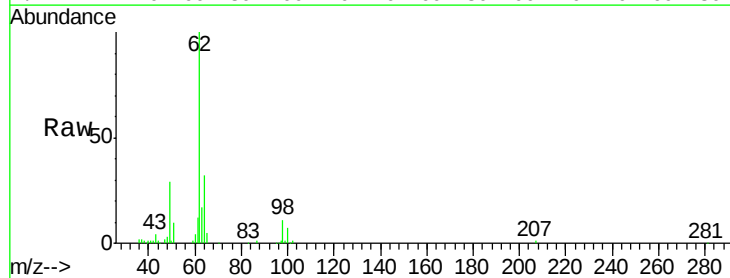
Acq: 29 May 2020 11:25

Tgt Ion: 62 Resp: 64744

Ion Ratio Lower Upper

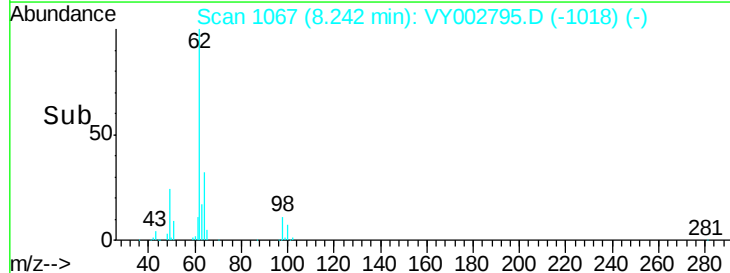
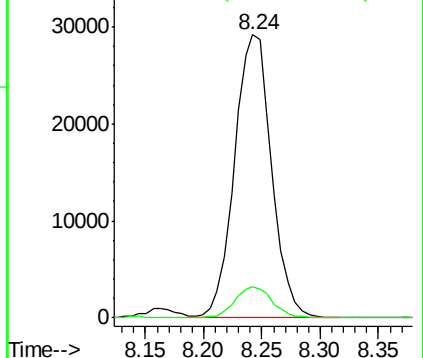
62 100

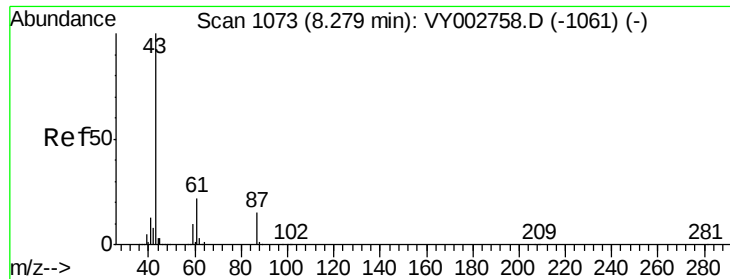
98 10.9 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.39 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

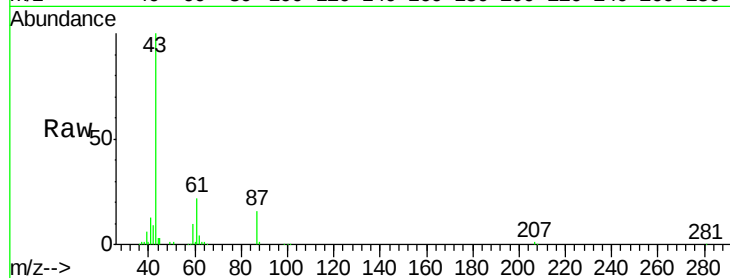
Tgt Ion: 43 Resp: 80978

Ion Ratio Lower Upper

43 100

61 30.5 24.8 37.2

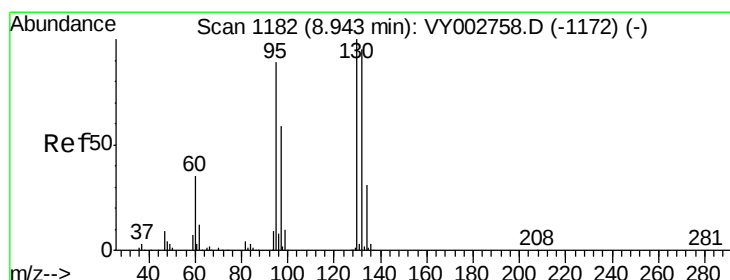
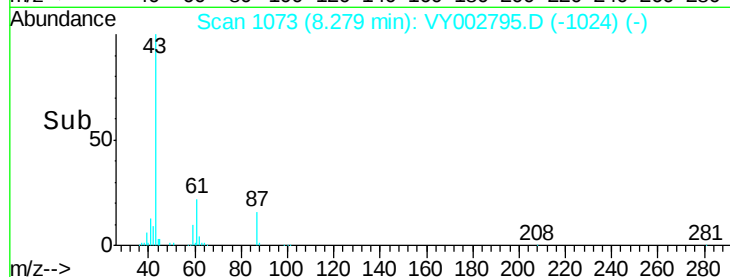
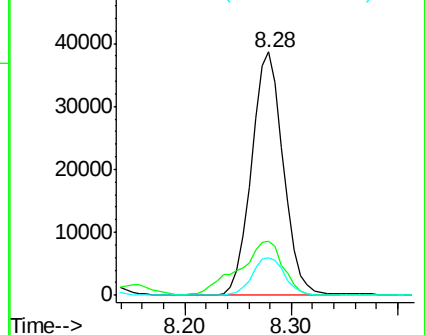
87 15.9 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 20.95 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002795.D

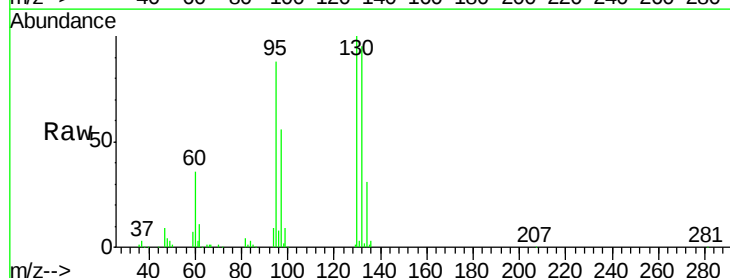
Acq: 29 May 2020 11:25

Tgt Ion: 130 Resp: 71802

Ion Ratio Lower Upper

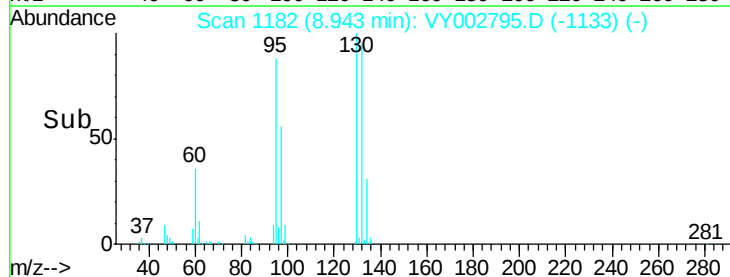
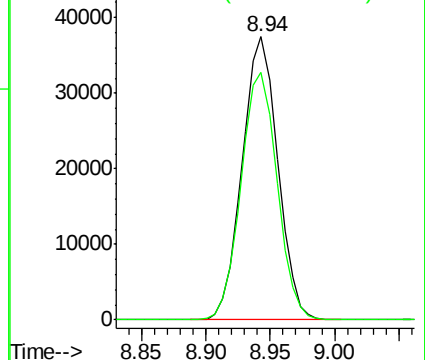
130 100

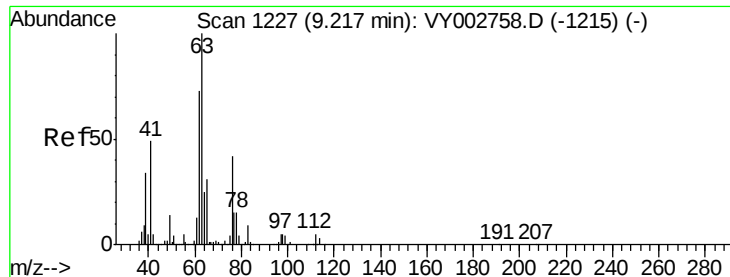
95 87.6 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

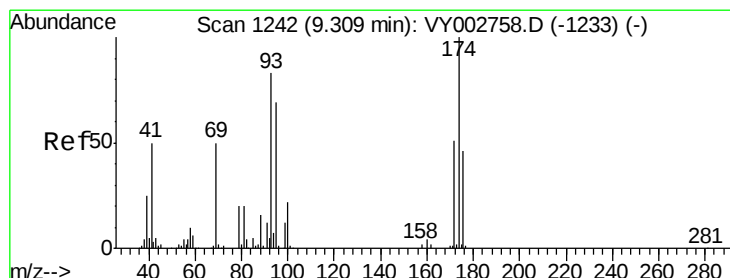
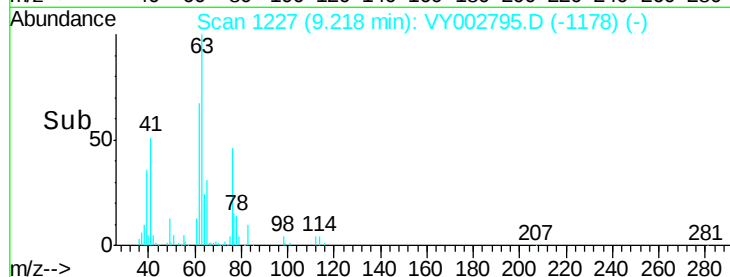
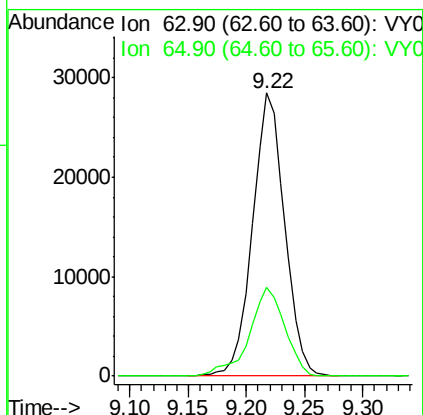
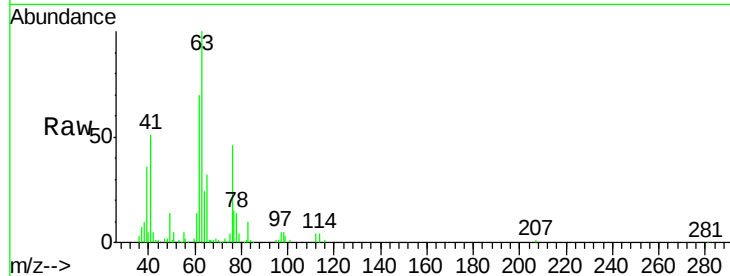




#45
 1,2-Dichloropropane
 Concen: 20.95 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

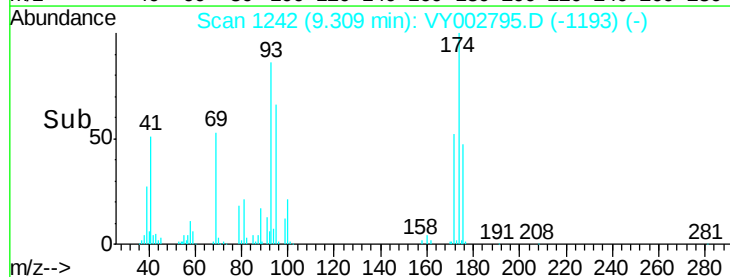
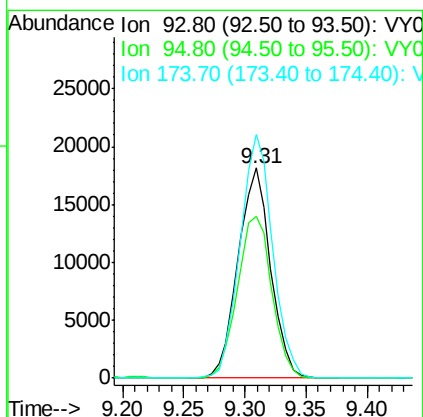
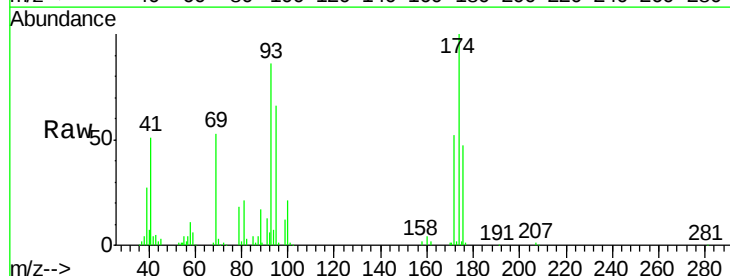
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

Tgt Ion: 63 Resp: 54515
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.8 37.2



#46
 Dibromomethane
 Concen: 21.70 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion: 93 Resp: 33539
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.9 100.3
 174 115.8 97.7 146.5





#47

Bromodichloromethane

Concen: 21.46 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

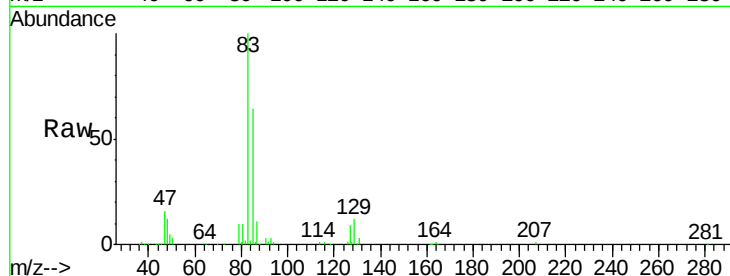
Tgt Ion: 83 Resp: 78192

Ion Ratio Lower Upper

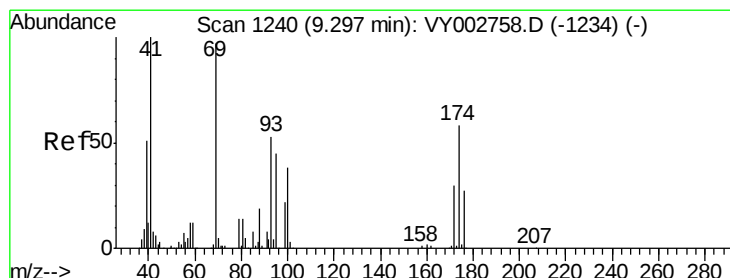
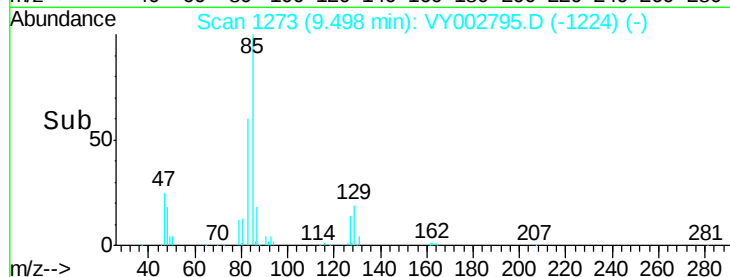
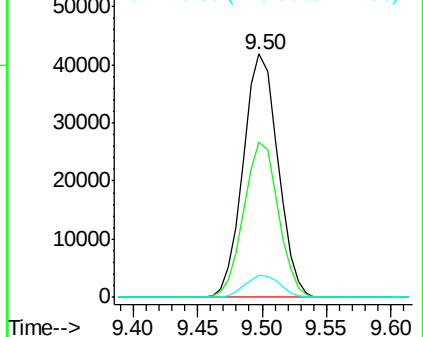
83 100

85 63.8 51.9 77.9

127 9.2 7.1 10.7



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



#48

Methyl methacrylate

Concen: 20.98 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

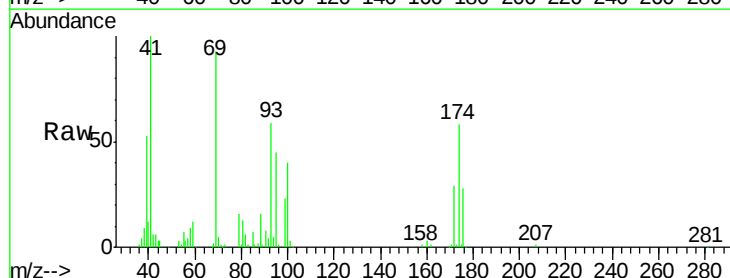
Tgt Ion: 41 Resp: 35850

Ion Ratio Lower Upper

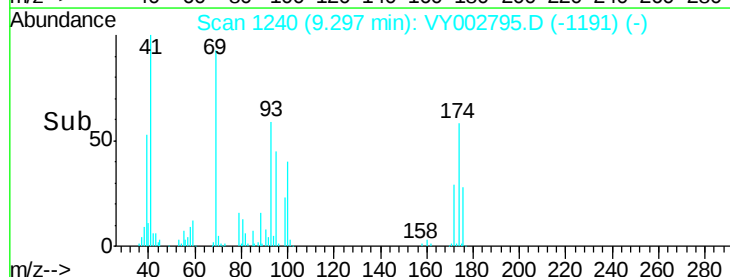
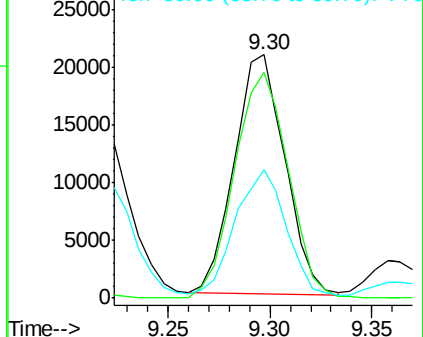
41 100

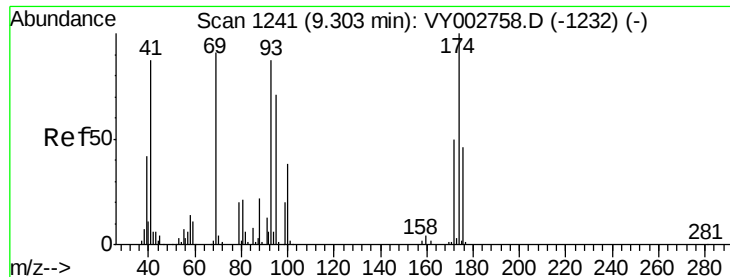
69 99.7 79.7 119.5

39 54.9 43.3 64.9



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

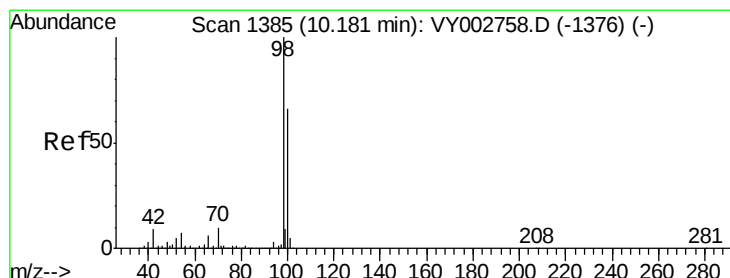
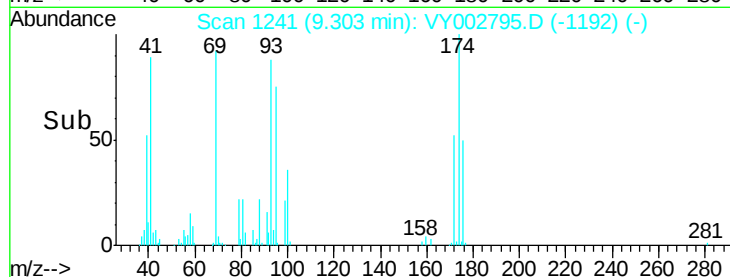
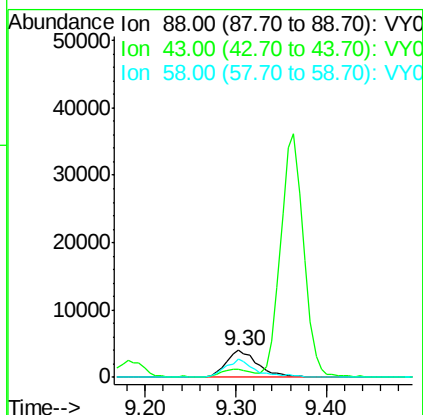
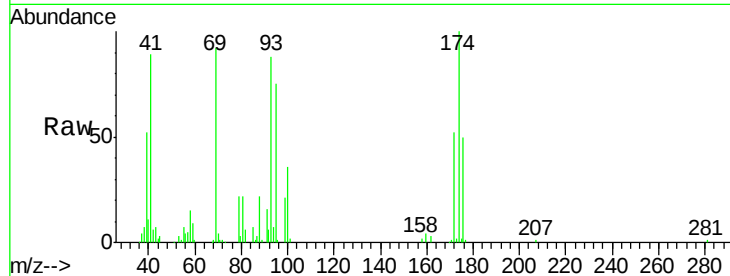




#49
 1,4-Dioxane
 Concen: 420.23 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

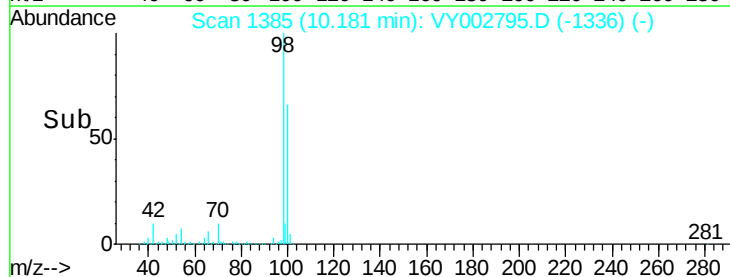
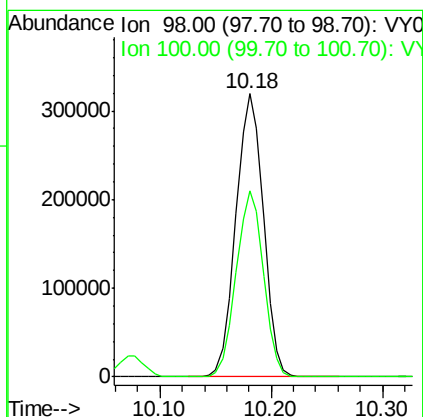
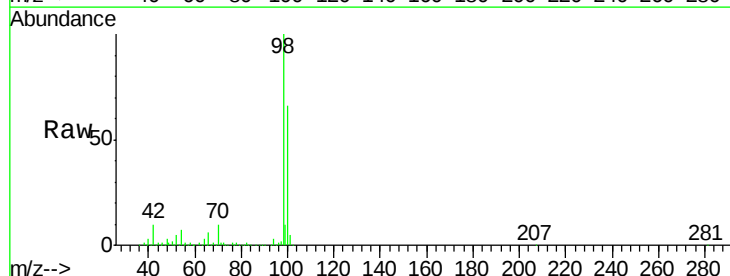
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

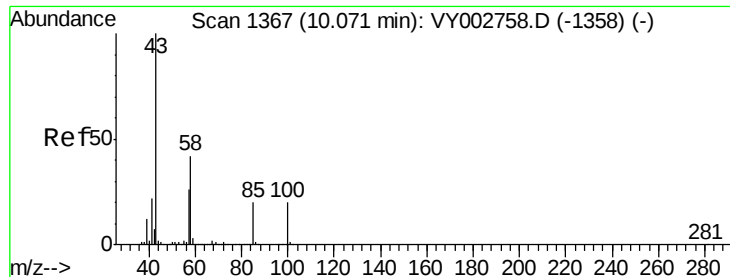
Tgt Ion: 88 Resp: 9971
 Ion Ratio Lower Upper
 88 100
 43 26.8 21.3 31.9
 58 64.6 52.2 78.2



#50
 Toluene-d8
 Concen: 52.84 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion: 98 Resp: 545804
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 108.09 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

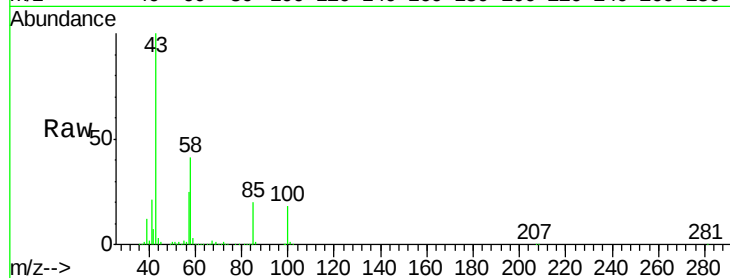
VY0529SBS01

Tgt Ion: 43 Resp: 216708

Ion Ratio Lower Upper

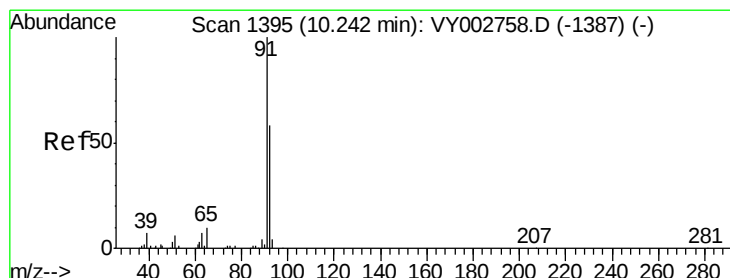
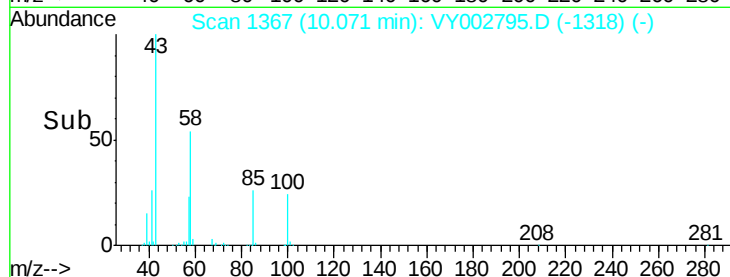
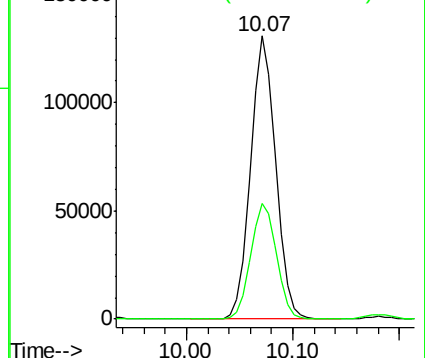
43 100

58 42.1 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.85 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002795.D

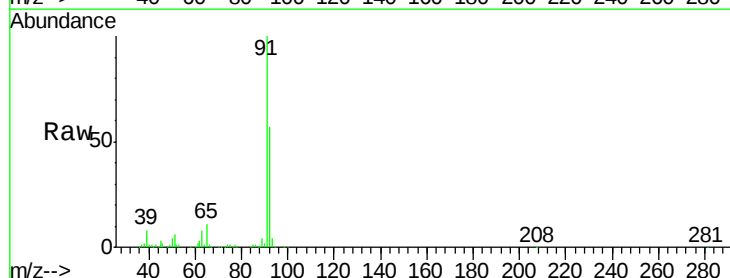
Acq: 29 May 2020 11:25

Tgt Ion: 92 Resp: 147960

Ion Ratio Lower Upper

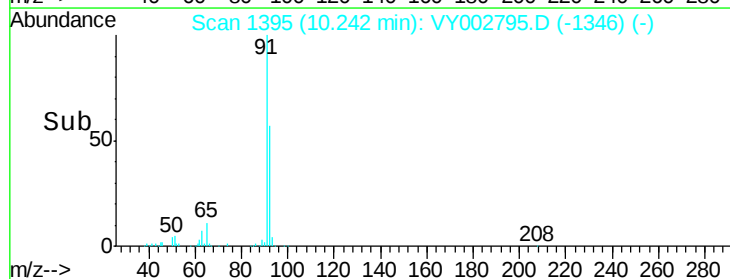
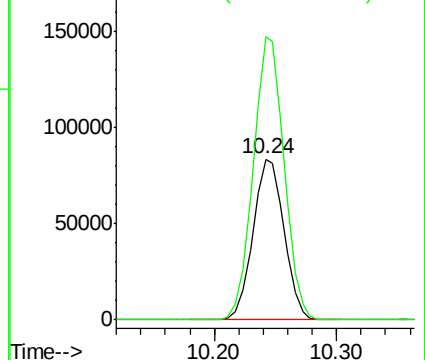
92 100

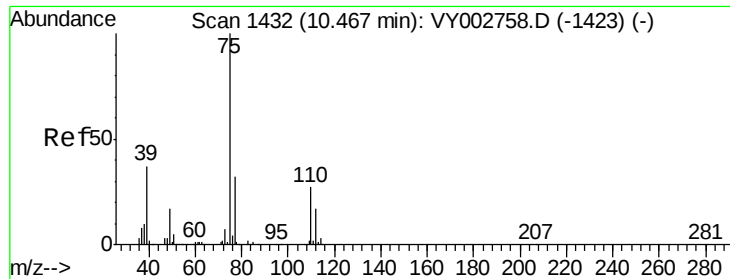
91 174.9 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 21.24 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

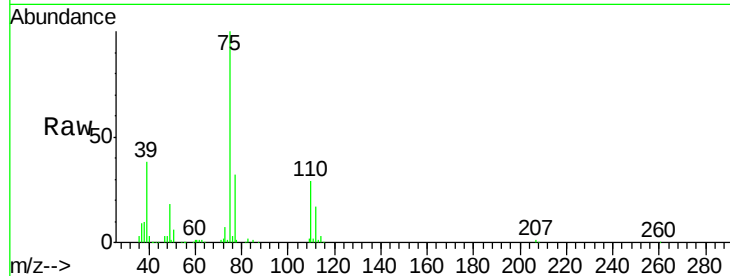
VY0529SBS01

Tgt Ion: 75 Resp: 84519

Ion Ratio Lower Upper

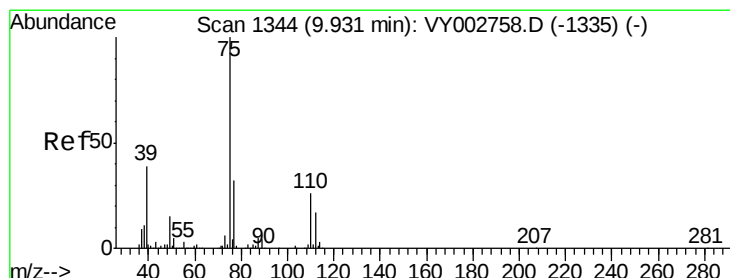
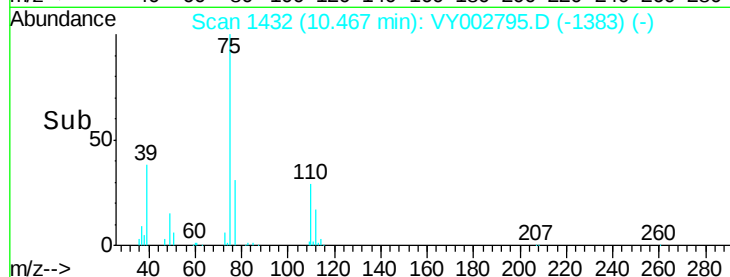
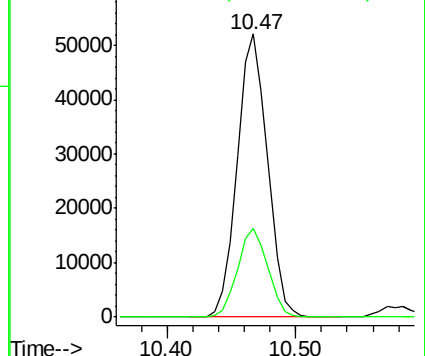
75 100

77 31.5 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.05 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

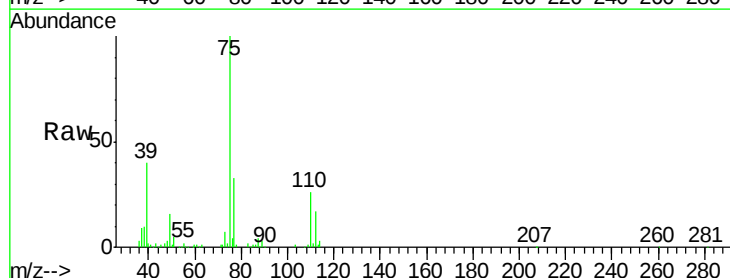
Tgt Ion: 75 Resp: 94899

Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4

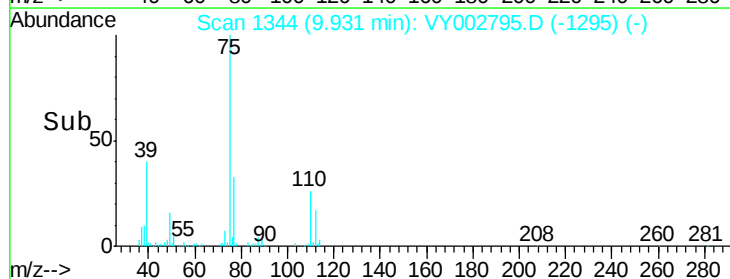
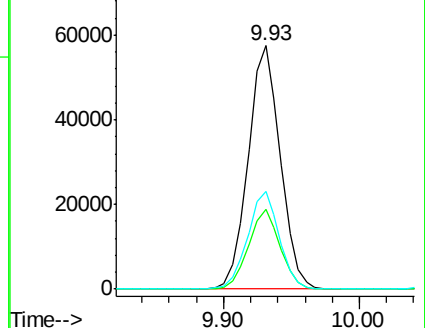
39 40.0 31.3 46.9

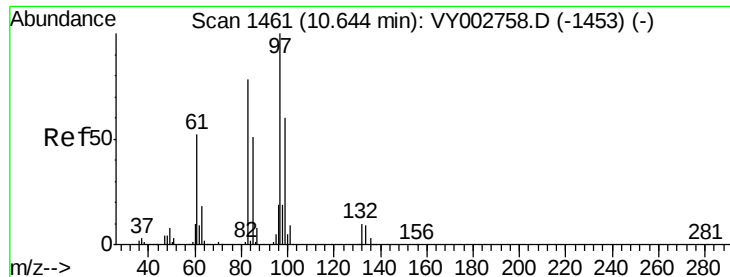


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

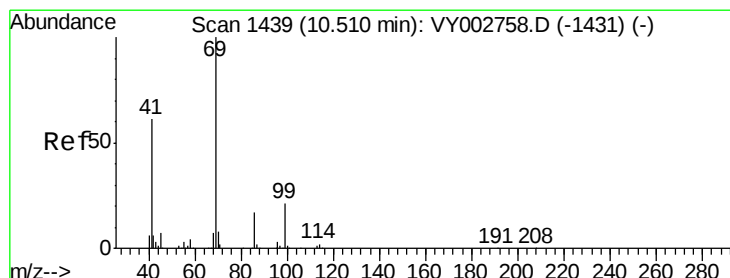
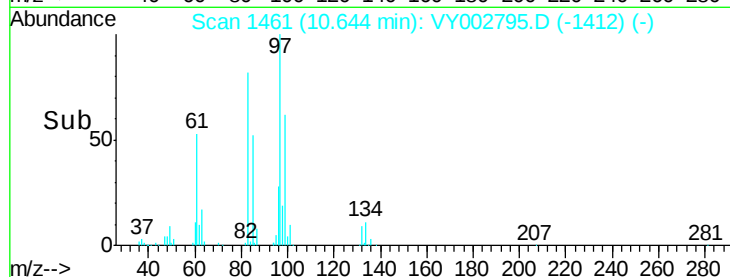
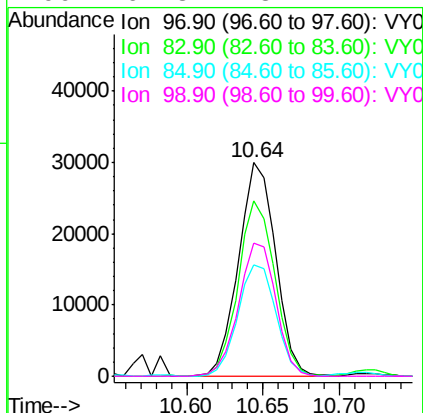
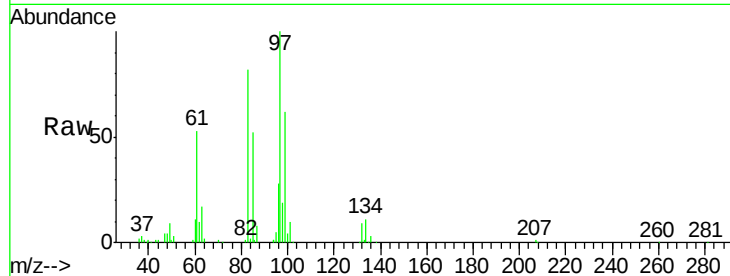




#55
 1,1,2-Trichloroethane
 Concen: 21.38 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

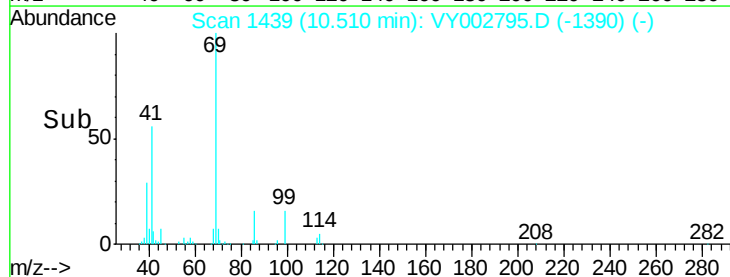
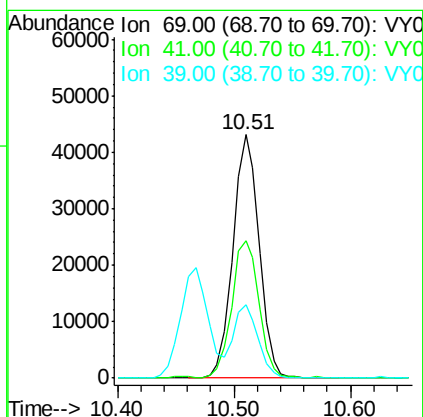
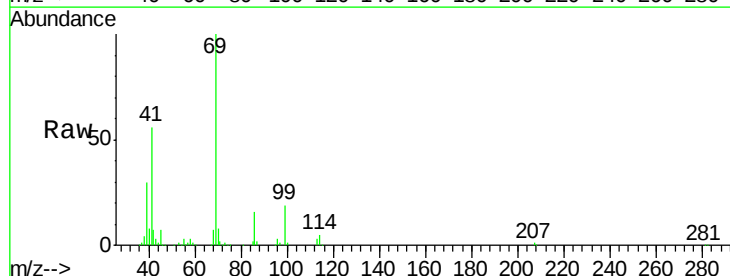
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

Tgt Ion:	97	Resp:	50585
Ion	Ratio	Lower	Upper
97	100		
83	81.9	62.7	94.1
85	51.9	40.6	60.8
99	62.3	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 21.26 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion:	69	Resp:	67357
Ion	Ratio	Lower	Upper
69	100		
41	58.2	47.0	70.4
39	28.3	22.0	33.0





#57

1,3-Dichloropropane

Concen: 21.42 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

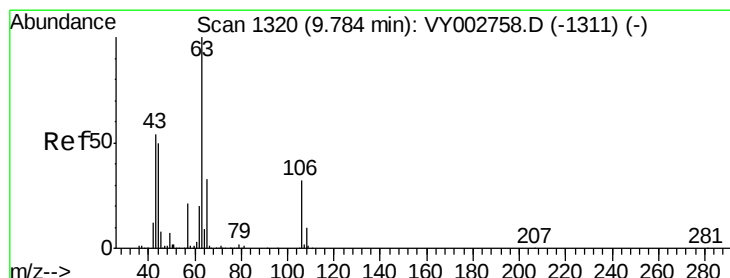
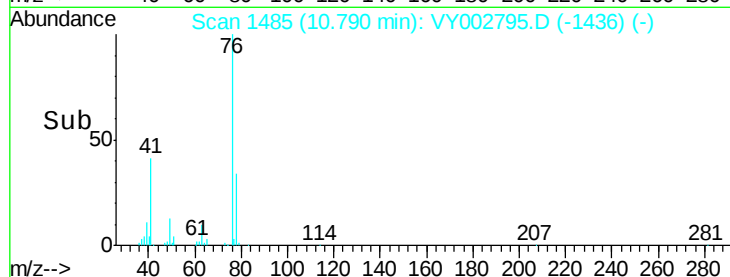
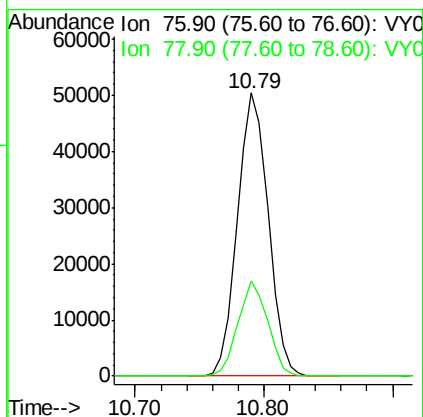
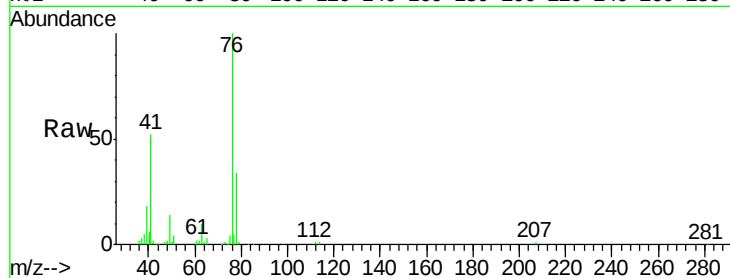
VY0529SBS01

Tgt Ion: 76 Resp: 83336

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 105.58 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002795.D

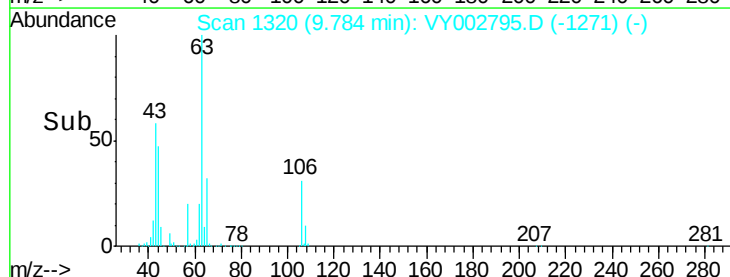
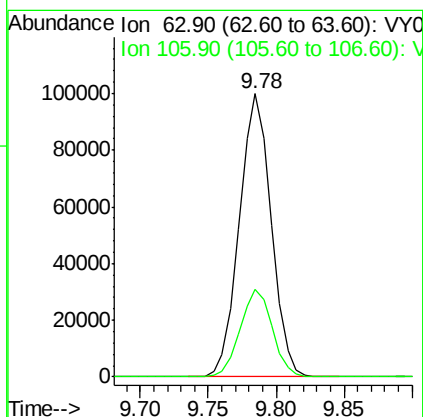
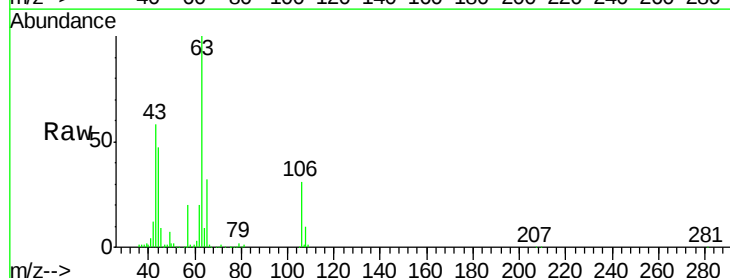
Acq: 29 May 2020 11:25

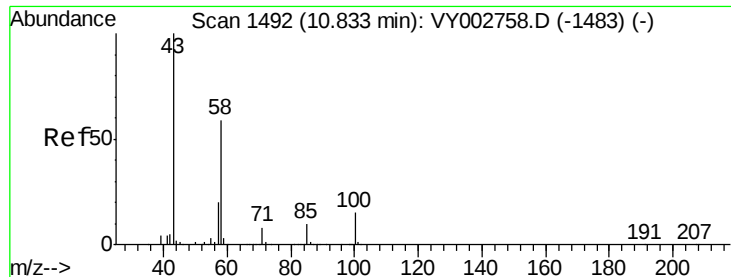
Tgt Ion: 63 Resp: 163481

Ion Ratio Lower Upper

63 100

106 31.0 25.4 38.2

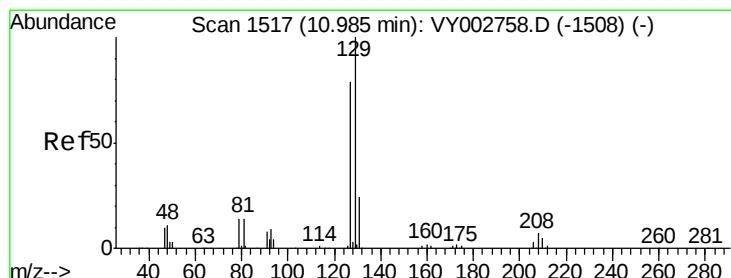
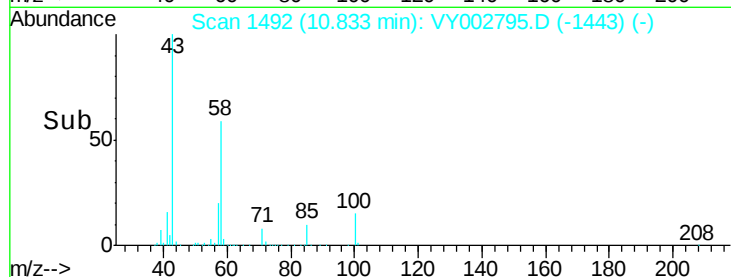
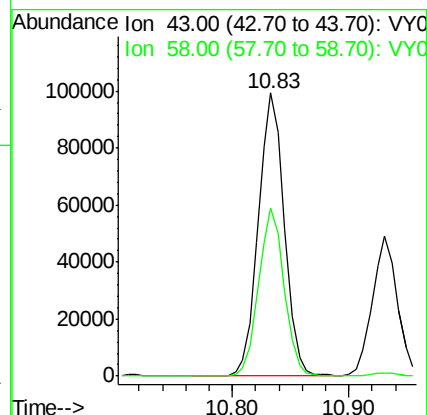
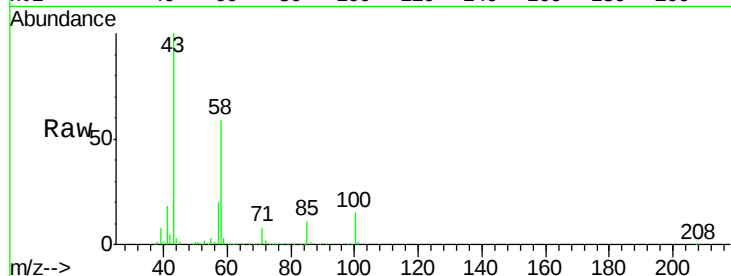




#59
2-Hexanone
Concen: 108.28 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002795.D
Acq: 29 May 2020 11:25

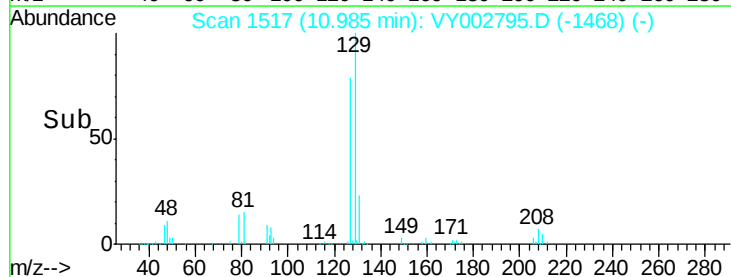
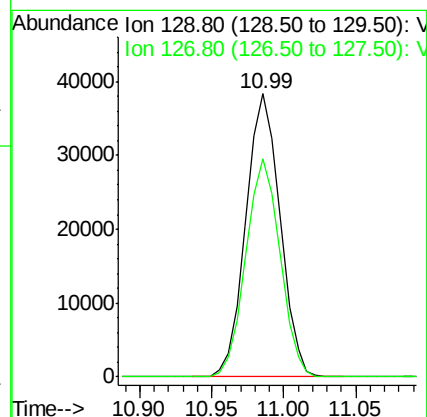
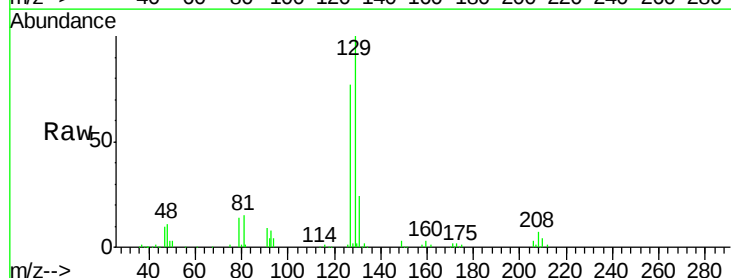
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

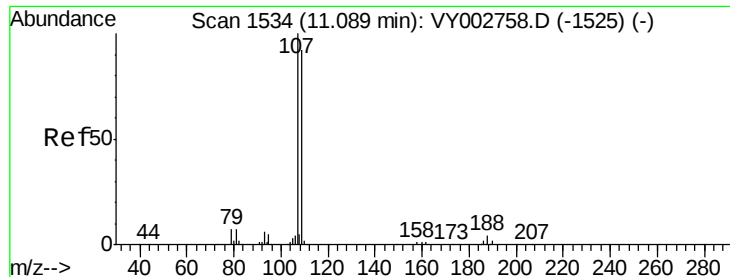
Tgt Ion: 43 Resp: 154018
Ion Ratio Lower Upper
43 100
58 58.3 29.5 88.5



#60
Dibromochloromethane
Concen: 21.03 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002795.D
Acq: 29 May 2020 11:25

Tgt Ion: 129 Resp: 63081
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3

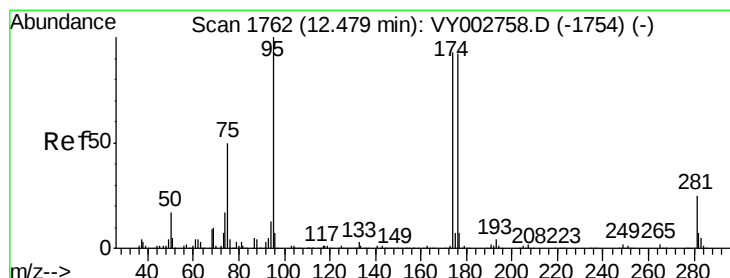
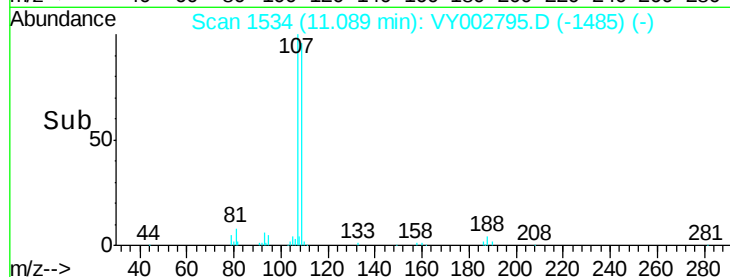
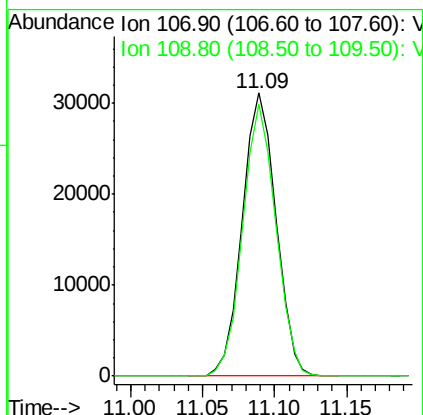
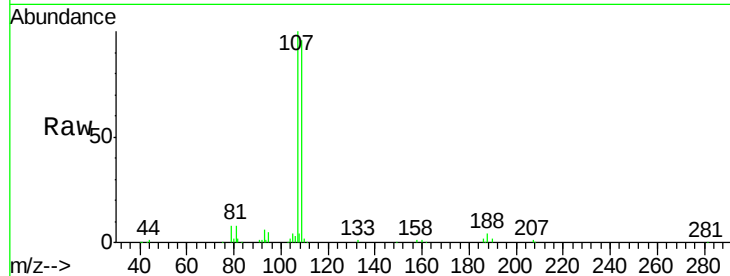




#61
 1,2-Dibromoethane
 Concen: 21.65 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

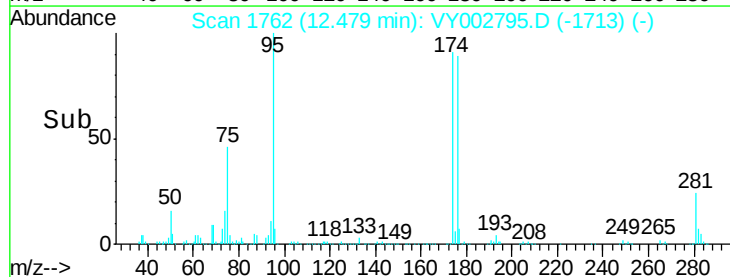
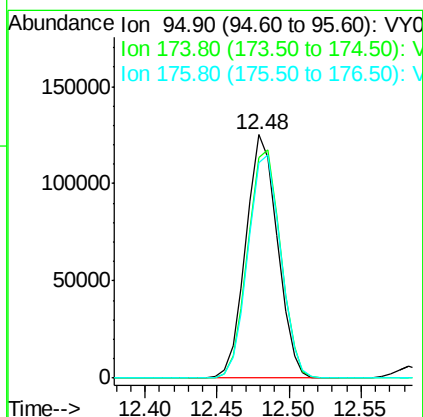
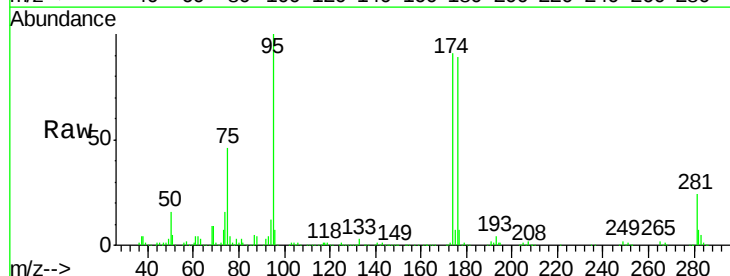
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

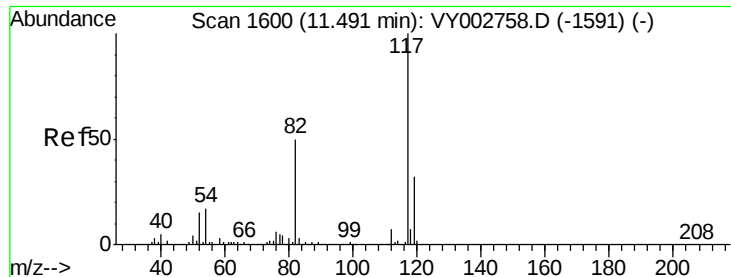
Tgt Ion: 107 Resp: 50516
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 53.96 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion: 95 Resp: 190498
 Ion Ratio Lower Upper
 95 100
 174 96.8 0.0 191.2
 176 94.5 0.0 188.8

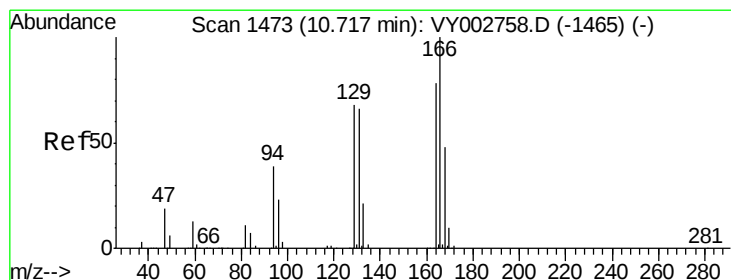
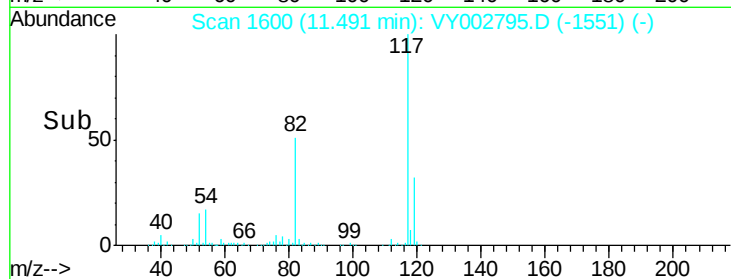
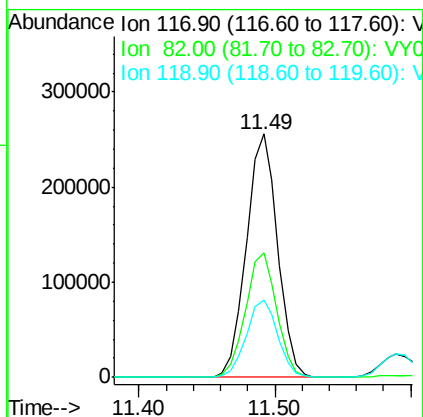
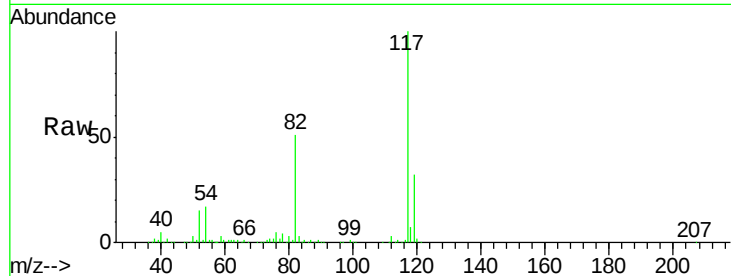




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002795.D
Acq: 29 May 2020 11:25

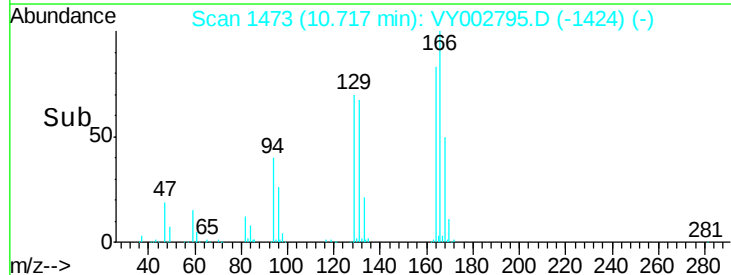
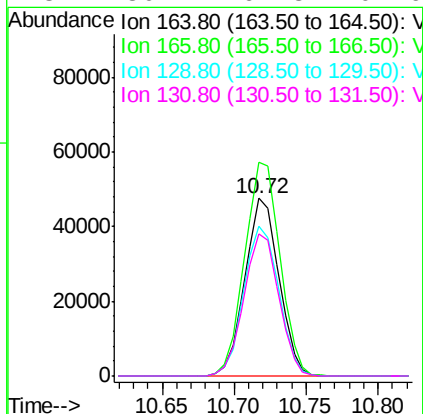
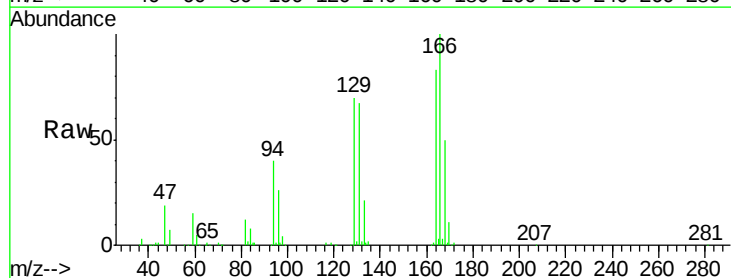
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

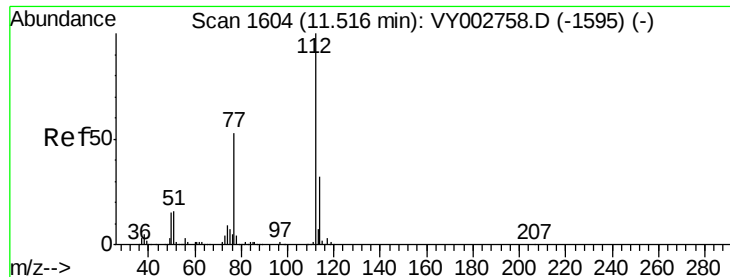
Tgt Ion:117 Resp: 410568
Ion Ratio Lower Upper
117 100
82 51.2 40.2 60.4
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 20.81 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002795.D
Acq: 29 May 2020 11:25

Tgt Ion:164 Resp: 77642
Ion Ratio Lower Upper
164 100
166 120.4 102.3 153.5
129 84.5 69.4 104.2
131 80.4 67.8 101.6

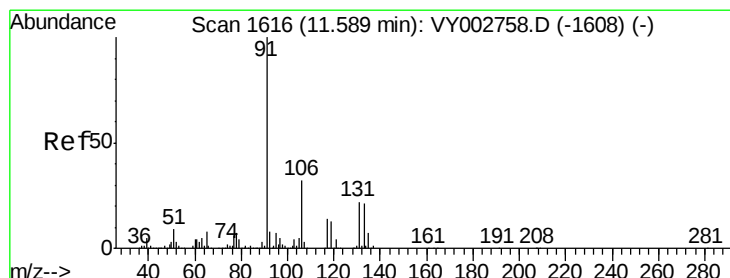
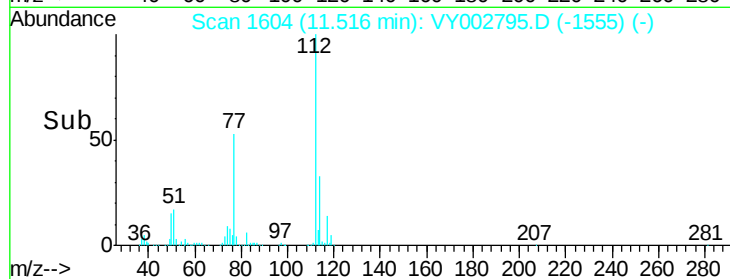
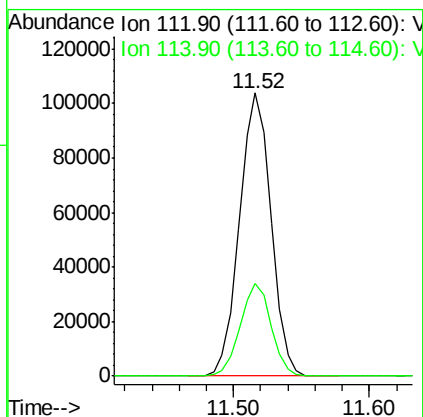
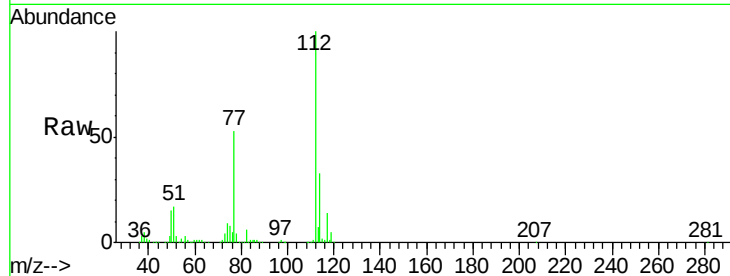




#65
Chlorobenzene
Concen: 20.71 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002795.D
Acq: 29 May 2020 11:25

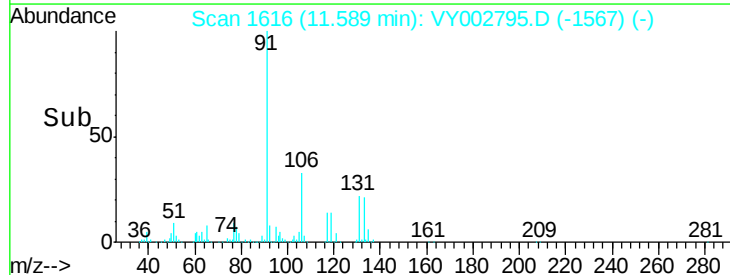
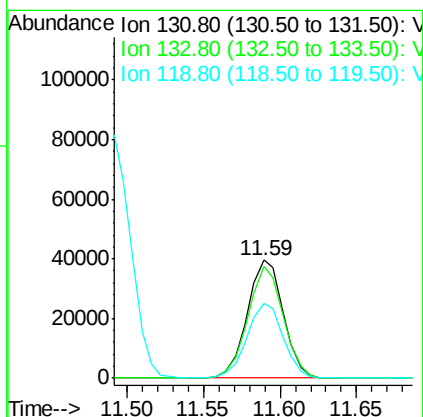
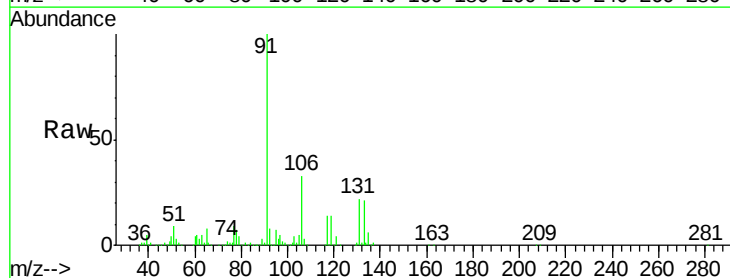
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

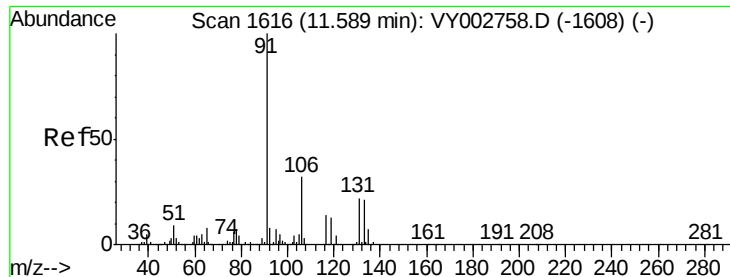
Tgt Ion:112 Resp: 168071
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.15 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002795.D
Acq: 29 May 2020 11:25

Tgt Ion:131 Resp: 64631
Ion Ratio Lower Upper
131 100
133 93.8 47.6 142.8
119 63.7 31.7 95.1





#67

Ethyl Benzene

Concen: 20.69 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

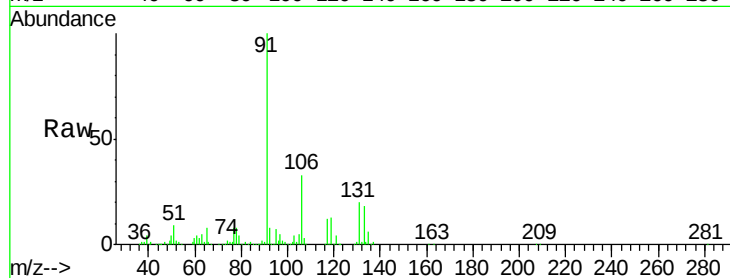
VY0529SBS01

Tgt Ion: 91 Resp: 291055

Ion Ratio Lower Upper

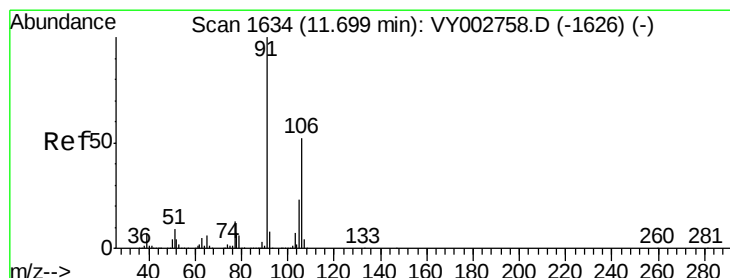
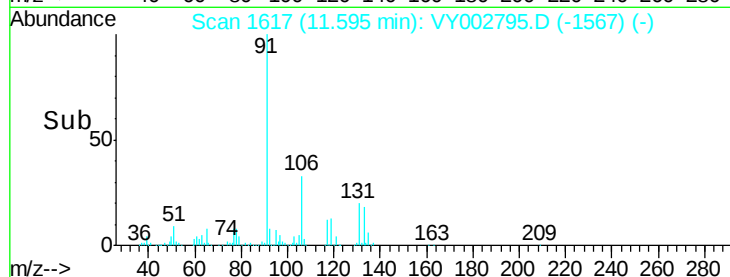
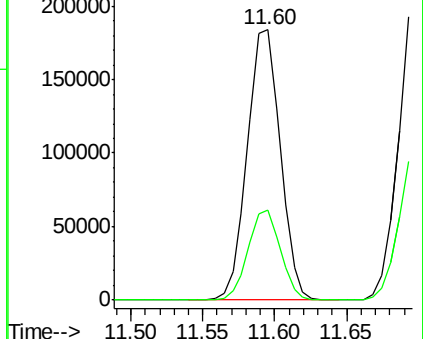
91 100

106 33.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.65 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002795.D

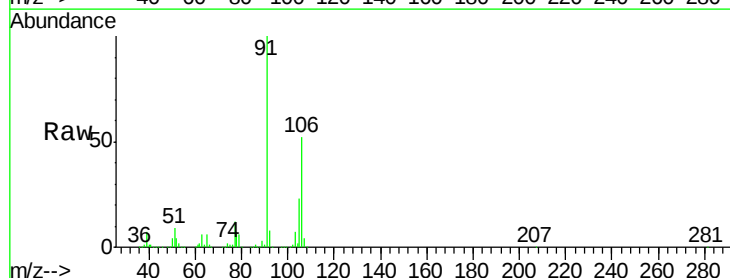
Acq: 29 May 2020 11:25

Tgt Ion: 106 Resp: 227173

Ion Ratio Lower Upper

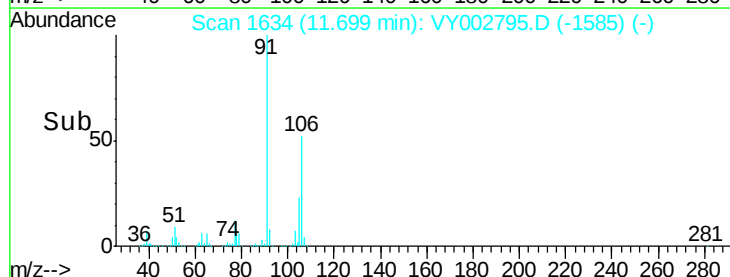
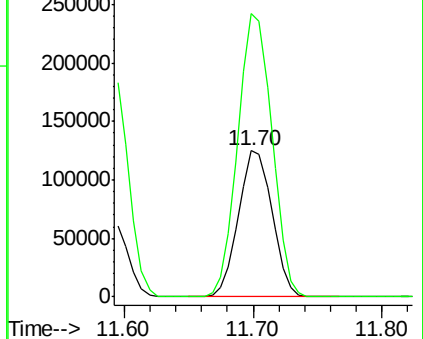
106 100

91 195.9 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

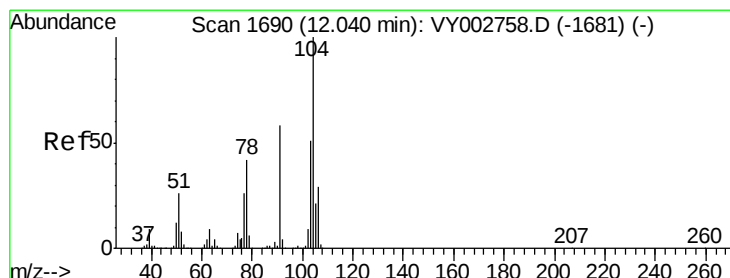
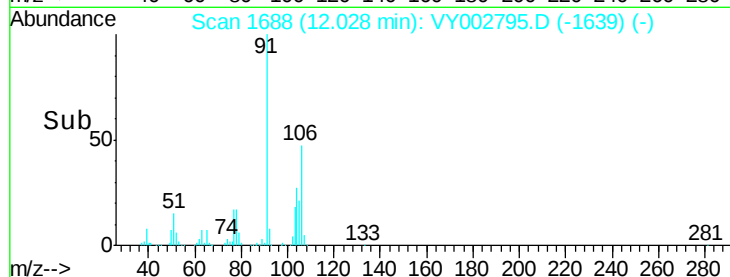
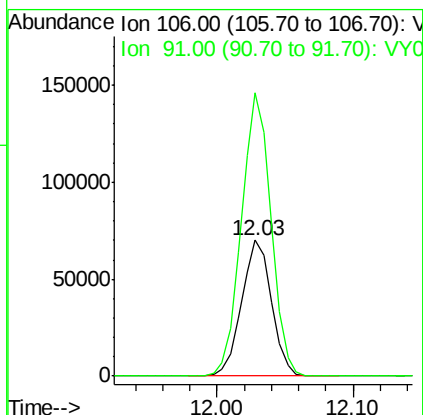
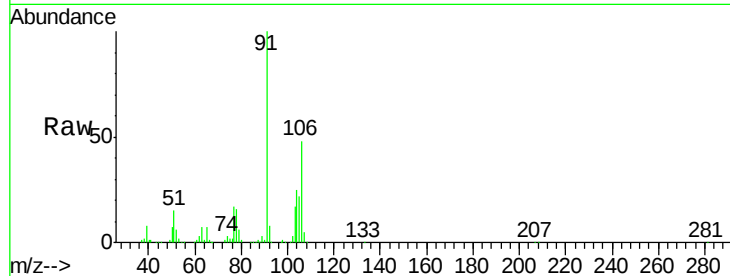




#69
o-Xylene
Concen: 20.89 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002795.D
Acq: 29 May 2020 11:25

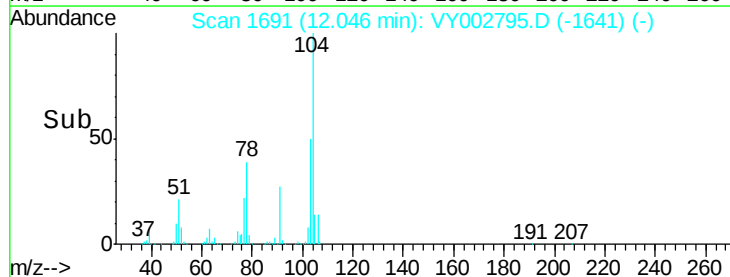
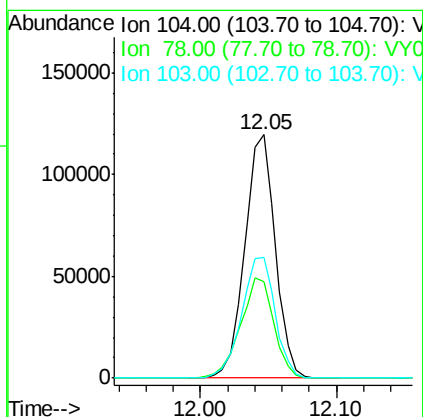
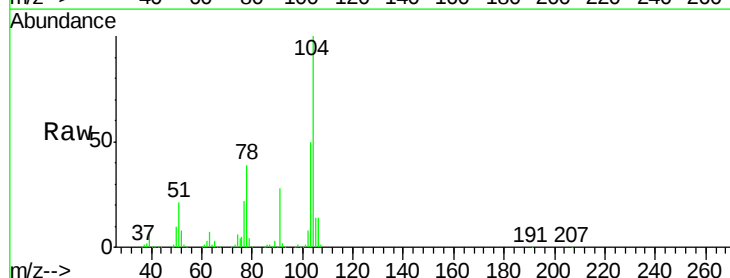
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

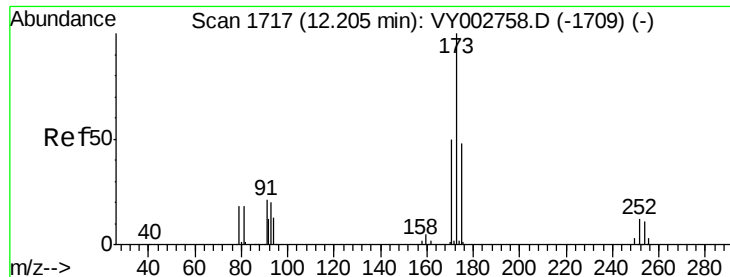
Tgt Ion:106 Resp: 107552
Ion Ratio Lower Upper
106 100
91 205.8 102.4 307.1



#70
Styrene
Concen: 20.97 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002795.D
Acq: 29 May 2020 11:25

Tgt Ion:104 Resp: 187148
Ion Ratio Lower Upper
104 100
78 45.2 36.2 54.4
103 54.6 43.6 65.4





#71

Bromoform

Concen: 21.11 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

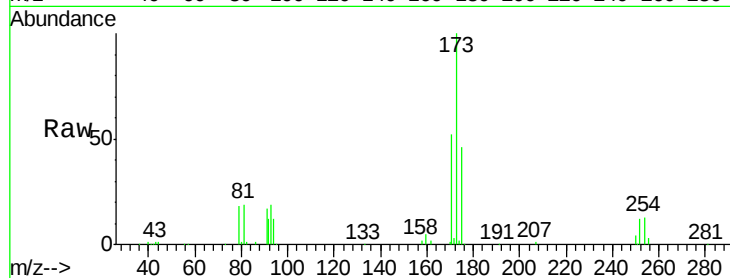
Tgt Ion:173 Resp: 43175

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

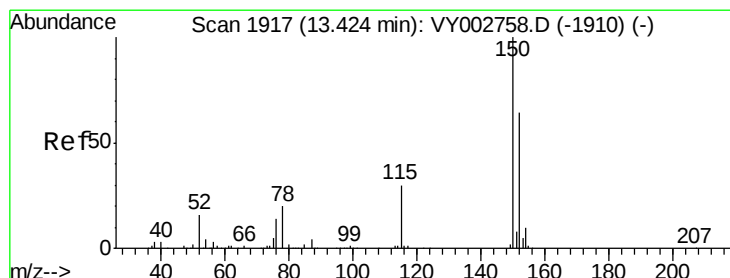
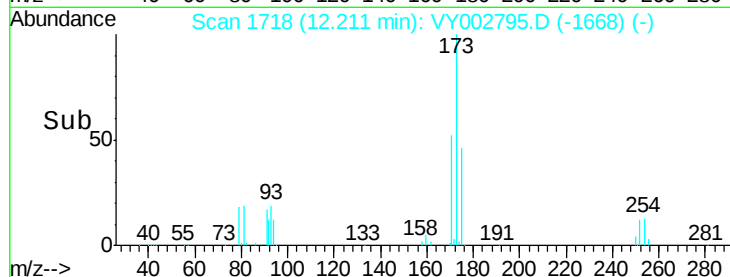
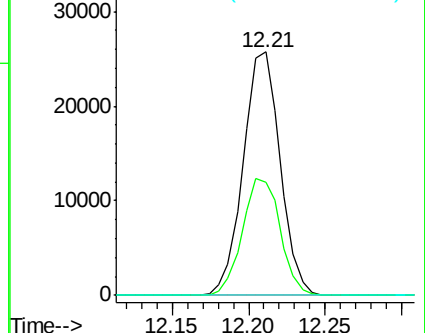
254 0.0 0.1 0.1#



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: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

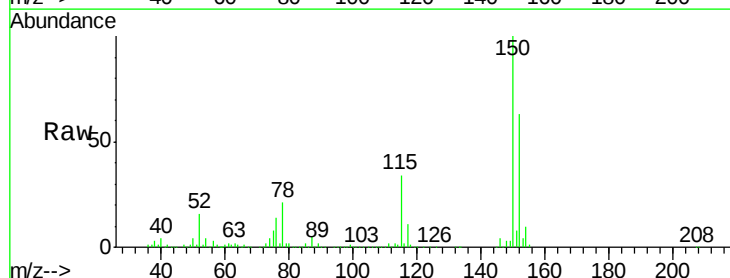
Tgt Ion:152 Resp: 222066

Ion Ratio Lower Upper

152 100

115 54.2 27.0 81.0

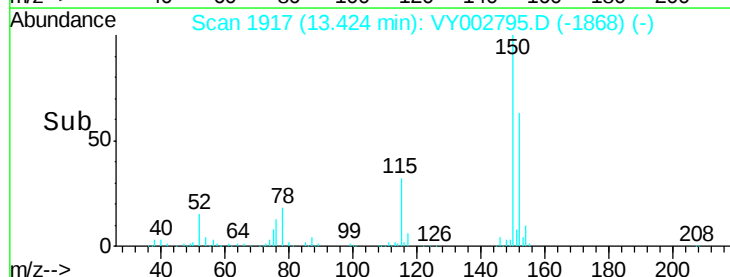
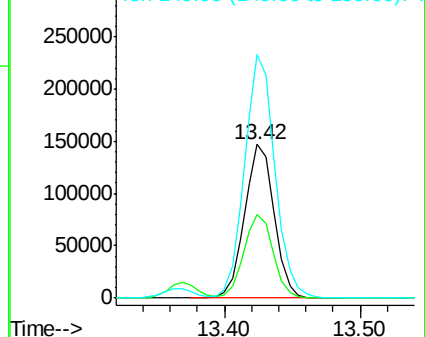
150 163.2 0.0 344.8

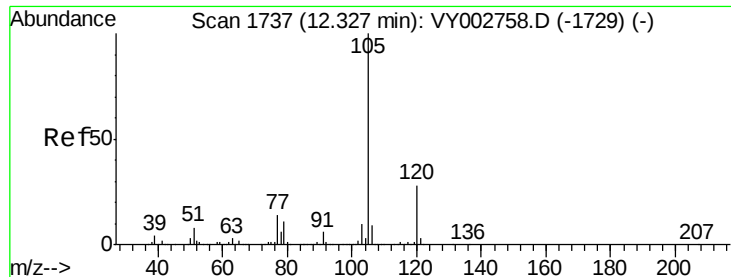


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.72 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

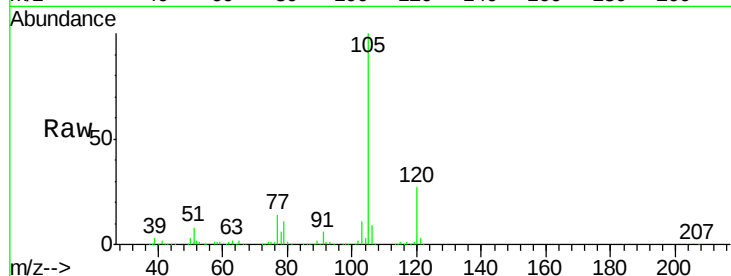
VY0529SBS01

Tgt Ion:105 Resp: 294919

Ion Ratio Lower Upper

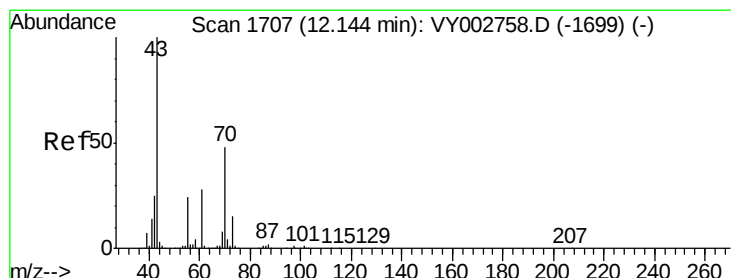
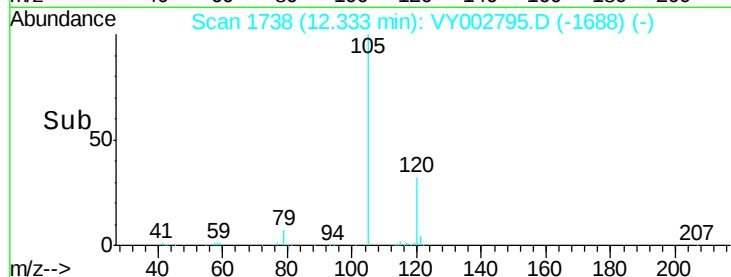
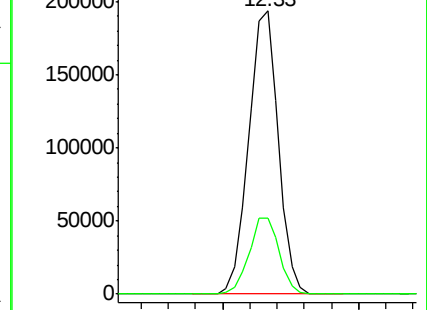
105 100

120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.10 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Tgt Ion: 43 Resp: 77046

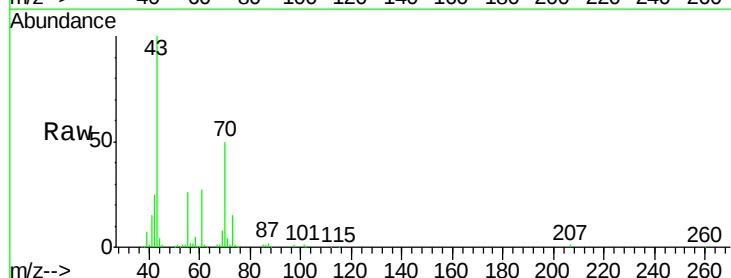
Ion Ratio Lower Upper

43 100

70 48.2 37.7 56.5

55 24.9 19.8 29.6

61 26.7 21.7 32.5

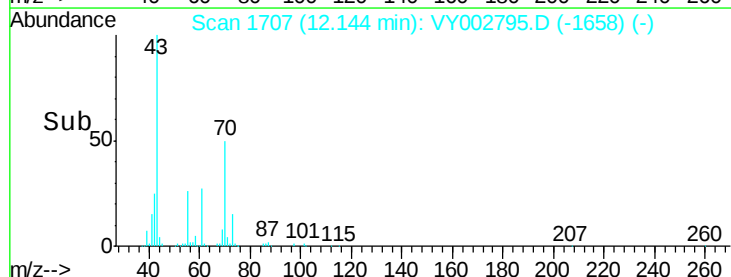
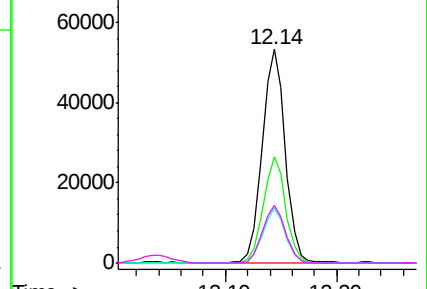


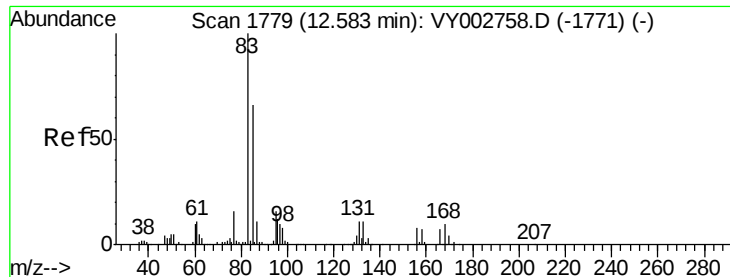
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 21.36 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

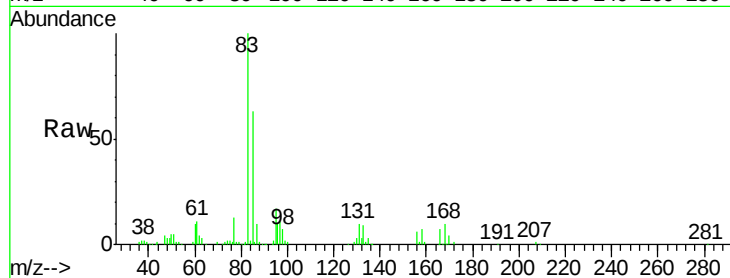
Tgt Ion: 83 Resp: 53343

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.4

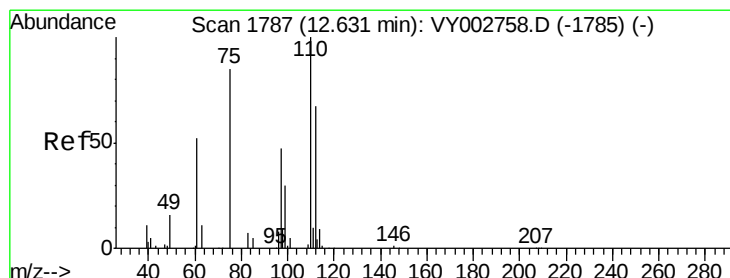
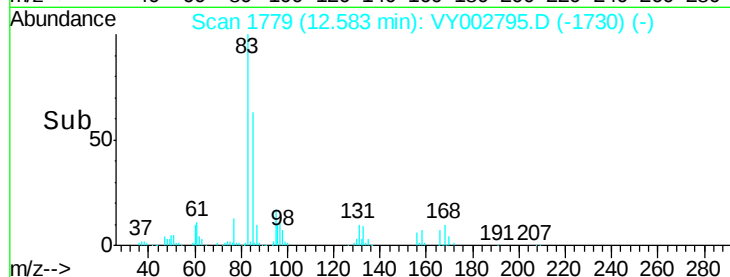
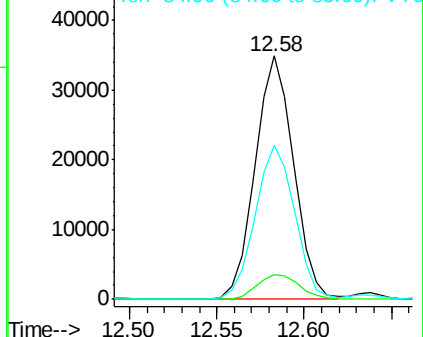
85 64.6 32.6 98.0



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: 21.89 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002795.D

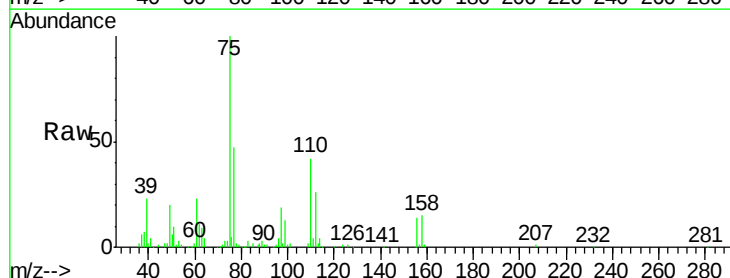
Acq: 29 May 2020 11:25

Tgt Ion: 75 Resp: 43805

Ion Ratio Lower Upper

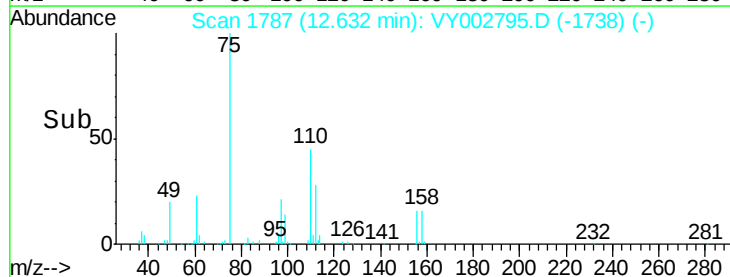
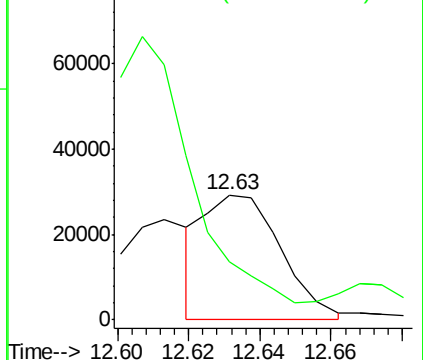
75 100

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: 20.84 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

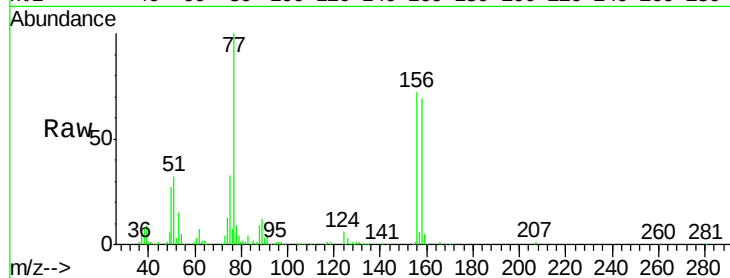
Tgt Ion:156 Resp: 77233

Ion Ratio Lower Upper

156 100

77 158.3 81.4 244.2

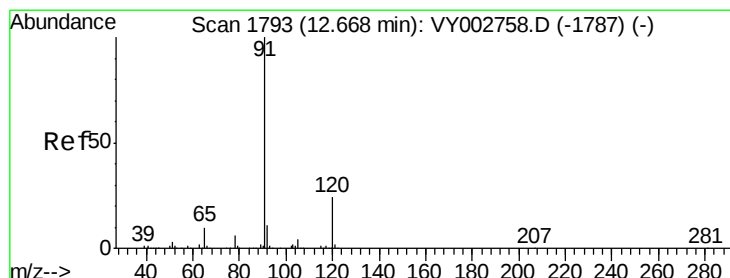
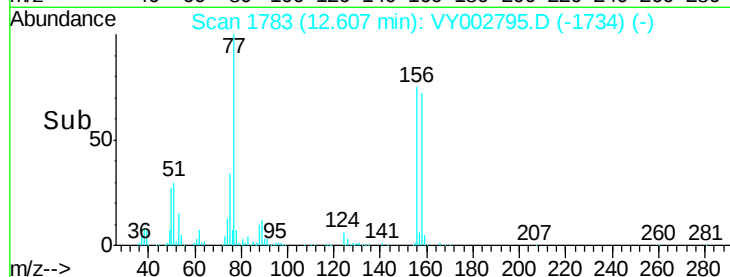
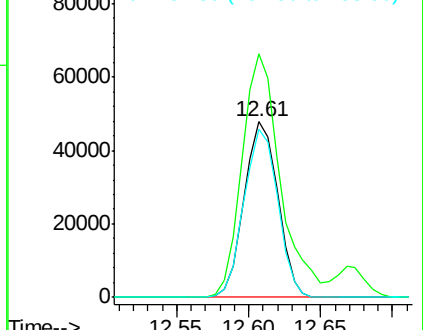
158 96.3 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.90 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002795.D

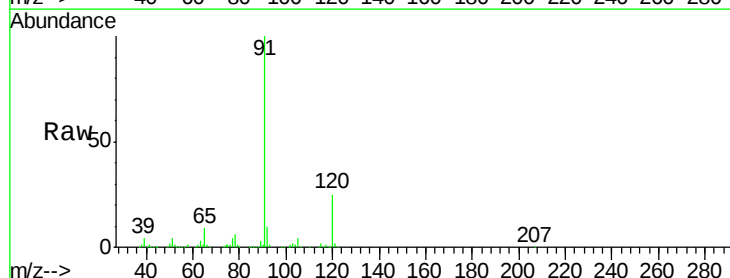
Acq: 29 May 2020 11:25

Tgt Ion: 91 Resp: 343571

Ion Ratio Lower Upper

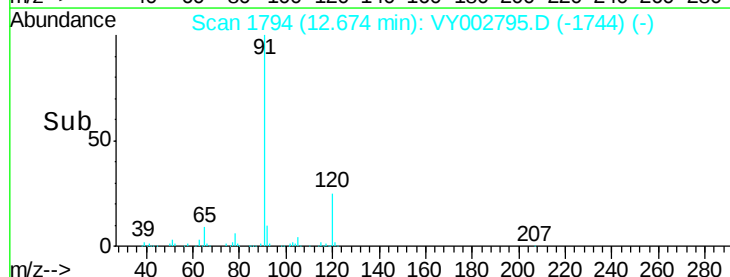
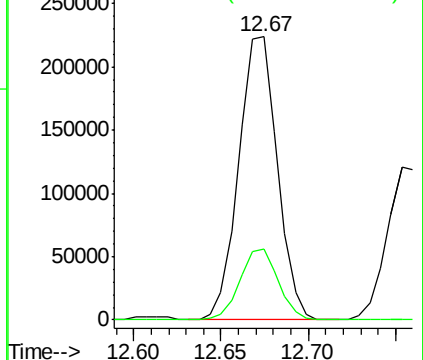
91 100

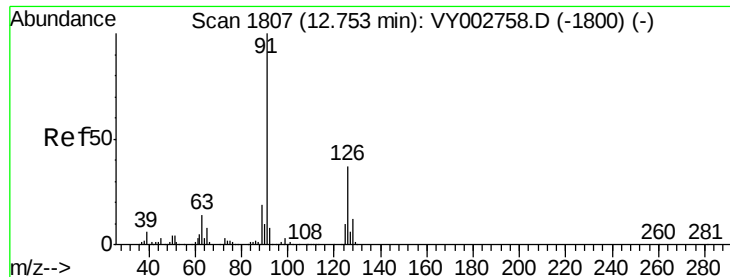
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

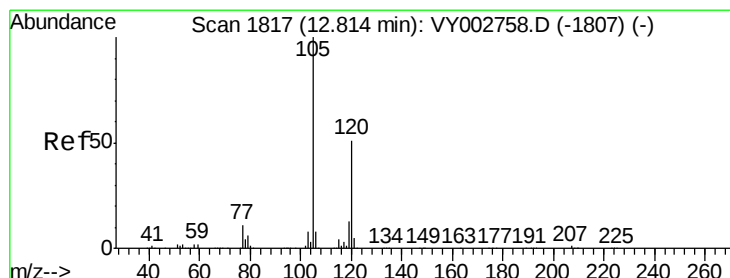
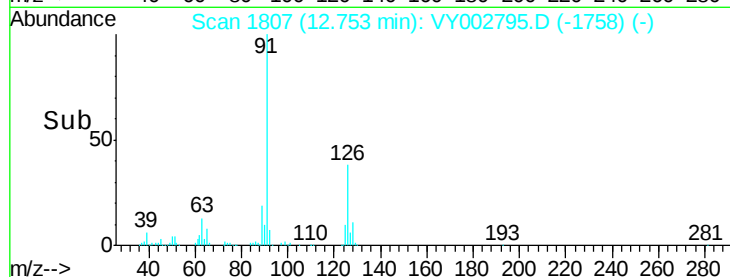
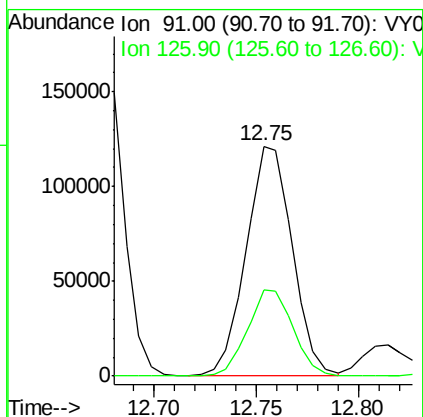
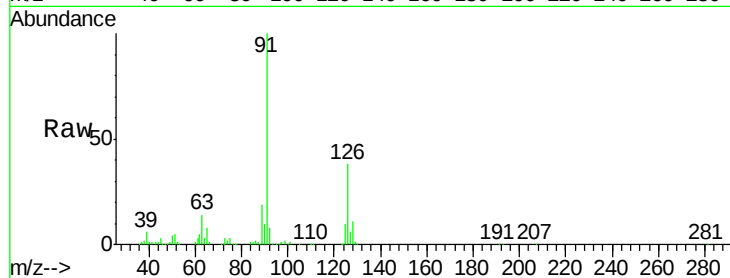




#79
 2-Chlorotoluene
 Concen: 20.69 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

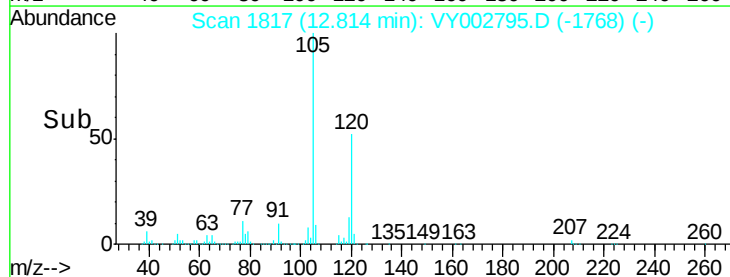
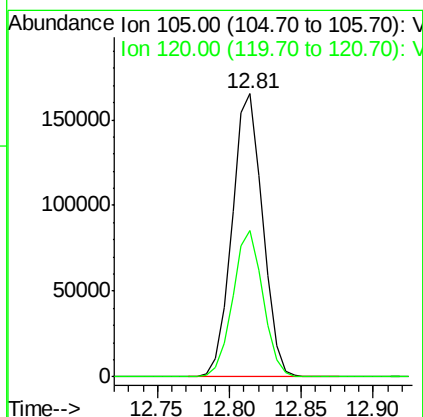
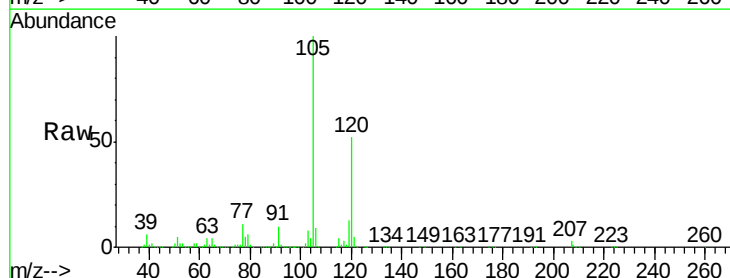
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

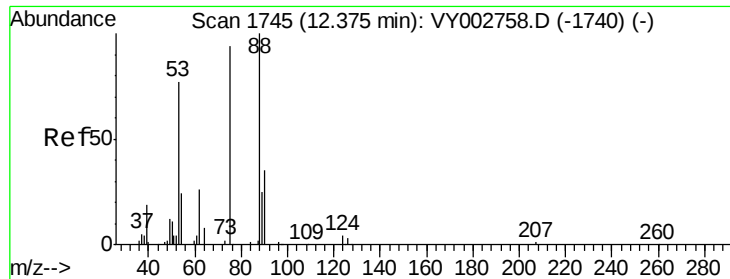
Tgt Ion: 91 Resp: 190800
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.60 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion: 105 Resp: 244719
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.12 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

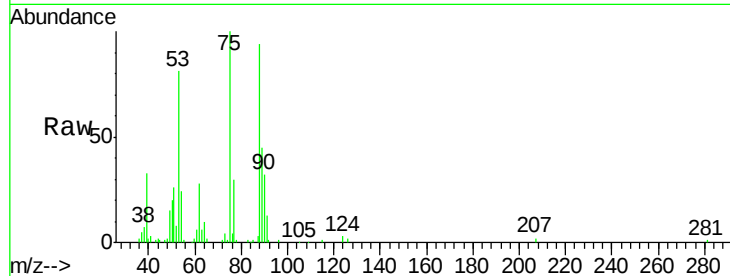
Tgt Ion: 75 Resp: 22430

Ion Ratio Lower Upper

75 100

53 80.7 64.0 96.0

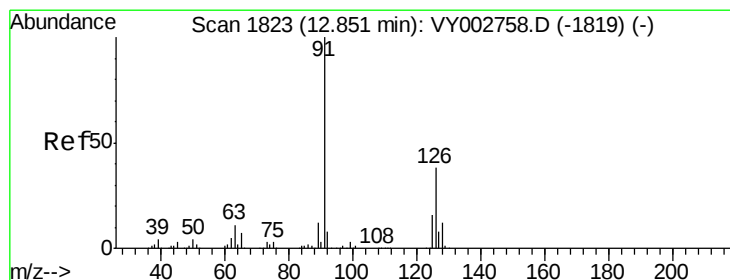
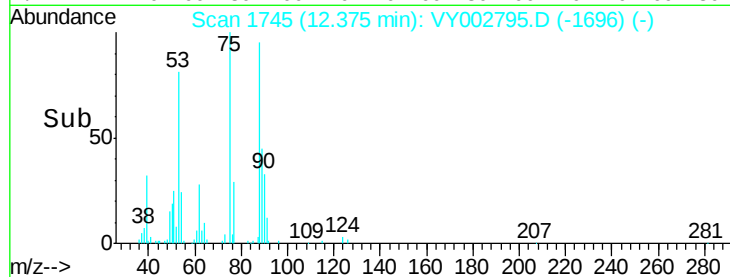
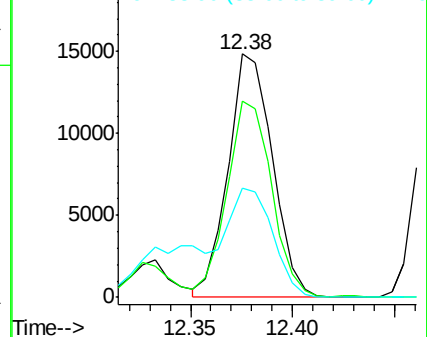
89 47.7 37.4 56.2



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: 20.80 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002795.D

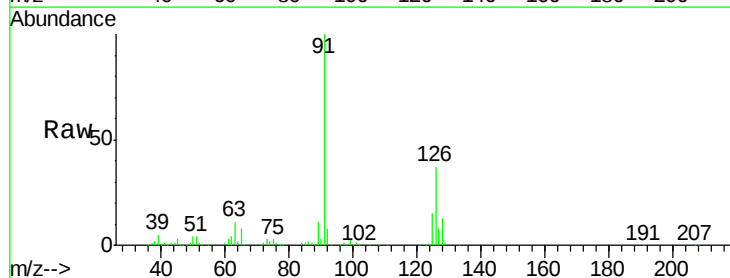
Acq: 29 May 2020 11:25

Tgt Ion: 91 Resp: 200992

Ion Ratio Lower Upper

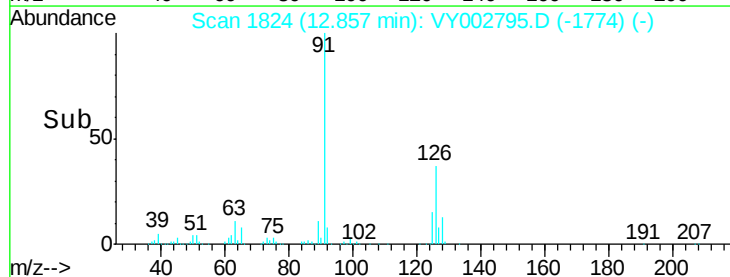
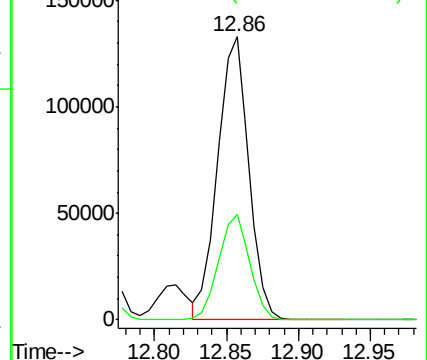
91 100

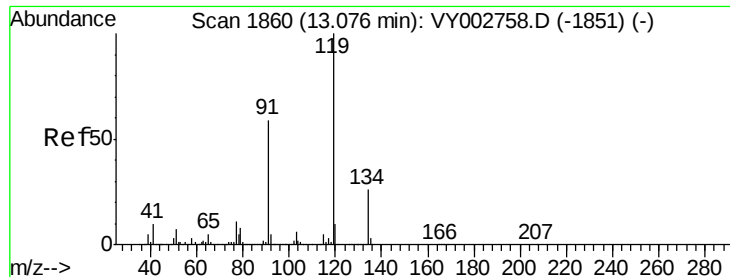
126 37.2 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

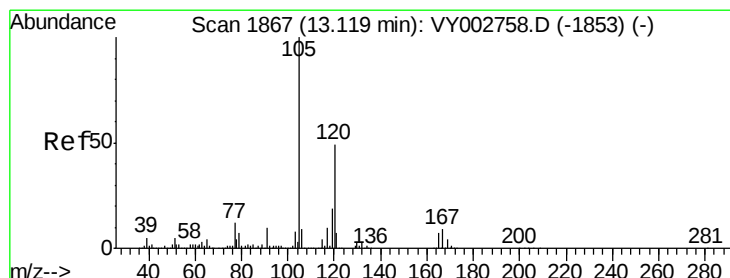
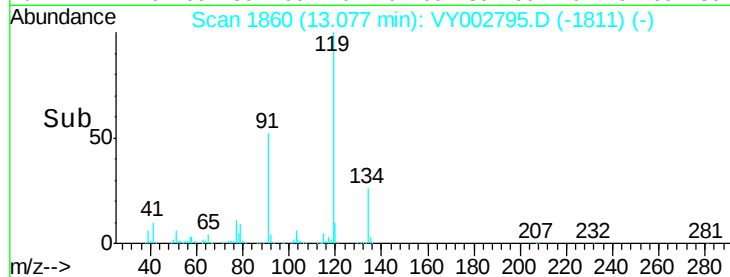
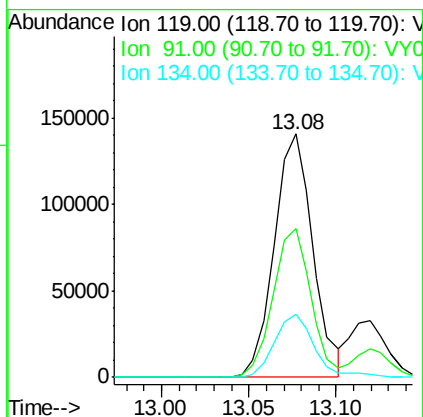
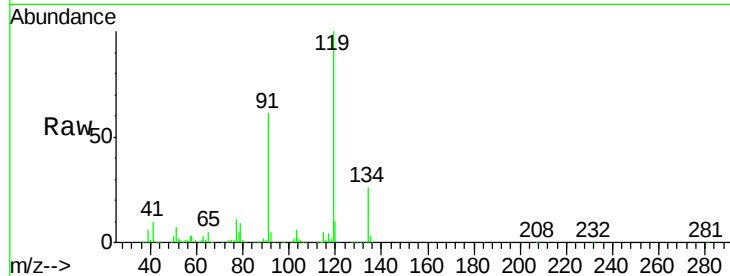




#83
 tert-Butylbenzene
 Concen: 20.48 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

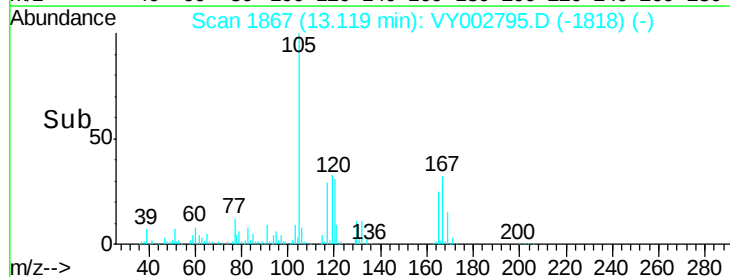
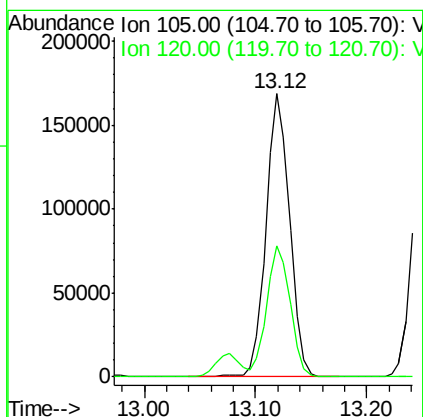
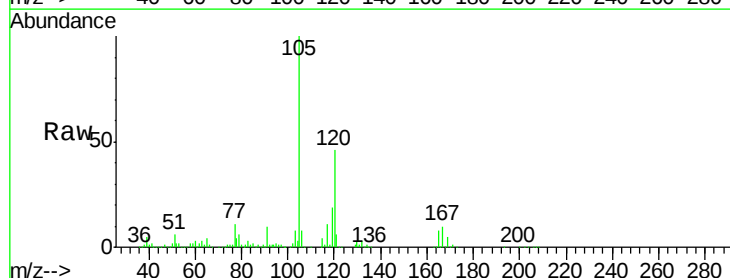
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

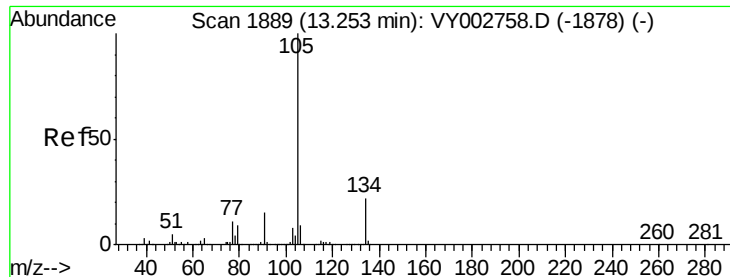
Tgt Ion:119 Resp: 217015
 Ion Ratio Lower Upper
 119 100
 91 60.1 29.8 89.4
 134 26.8 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.98 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion:105 Resp: 250651
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.6 70.8

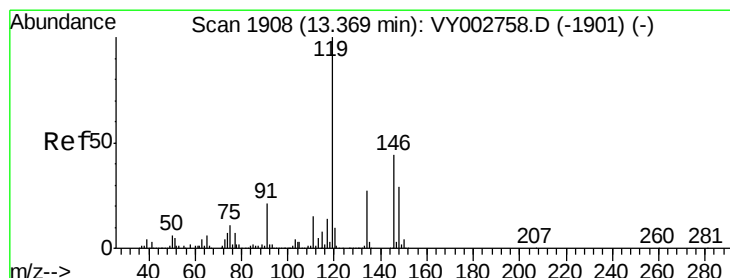
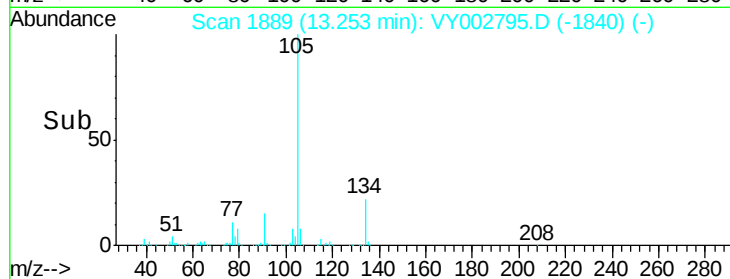
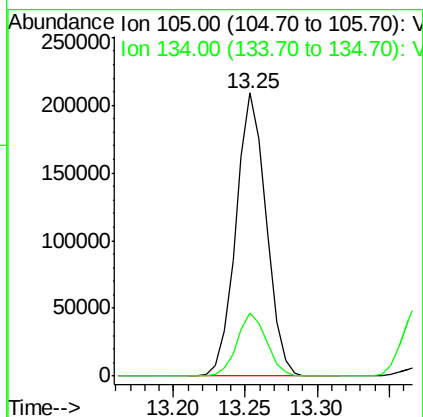
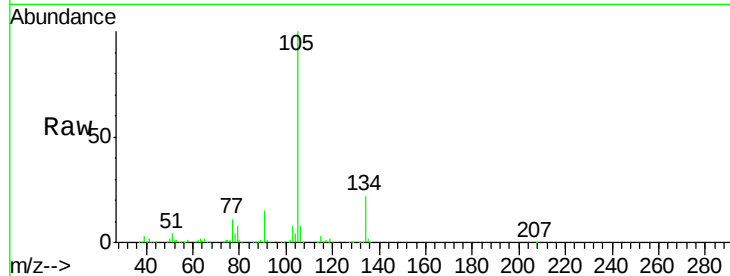




#85
 sec-Butylbenzene
 Concen: 21.05 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

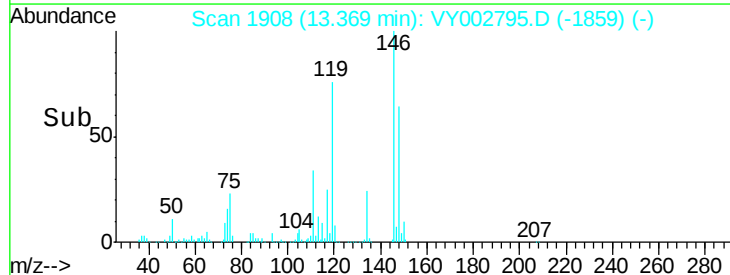
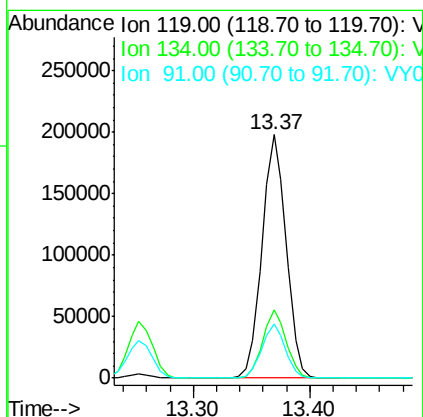
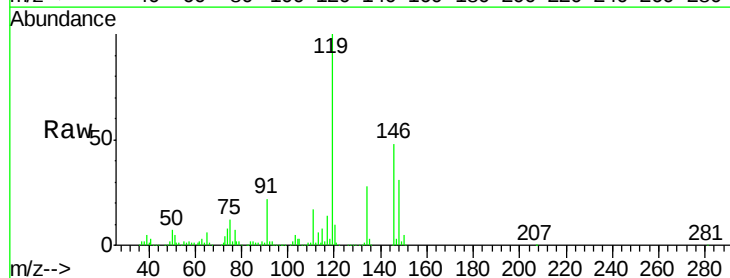
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

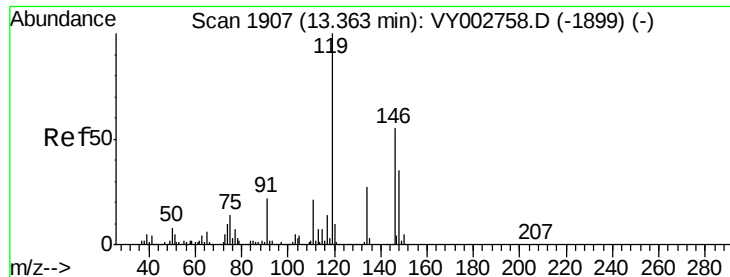
Tgt Ion:105 Resp: 305050
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 21.01 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion:119 Resp: 283382
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.7 41.0
 91 21.8 10.8 32.4

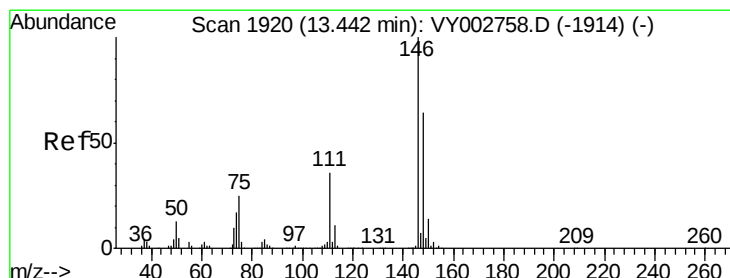
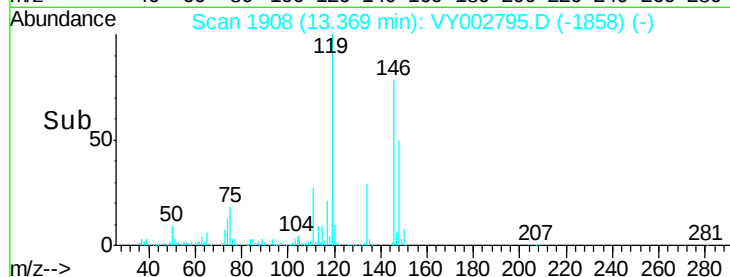
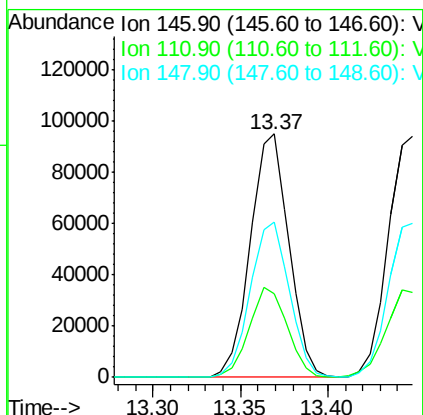
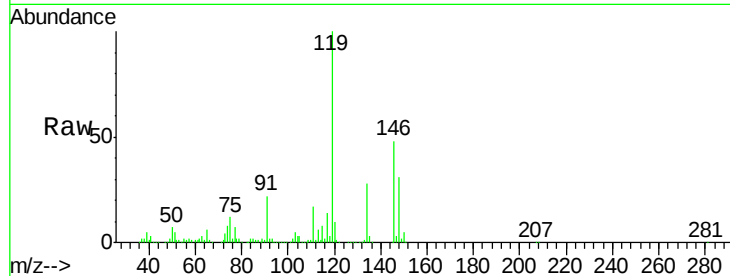




#87
 1,3-Dichlorobenzene
 Concen: 20.75 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

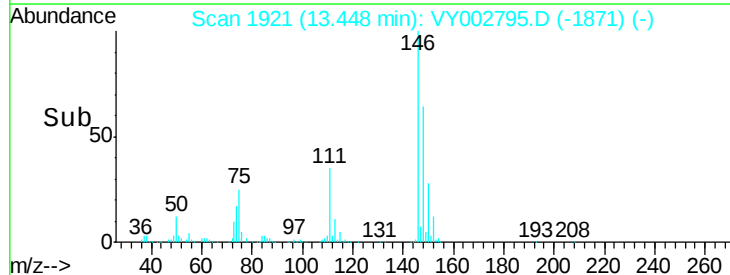
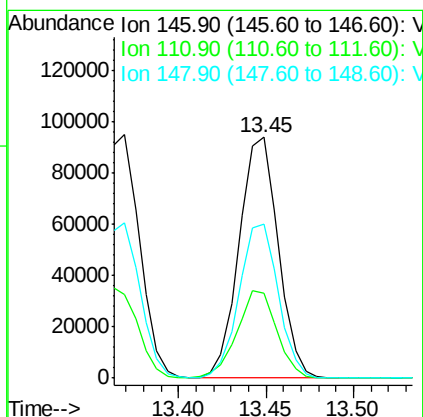
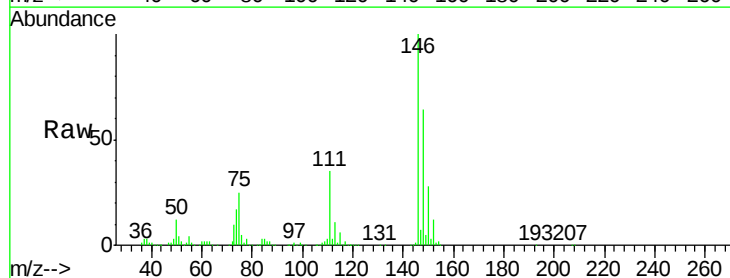
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

Tgt Ion:146 Resp: 145619
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.0
 148 64.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.83 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion:146 Resp: 146267
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.1 54.3
 148 64.3 32.1 96.3





#89

n-Butylbenzene

Concen: 21.08 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

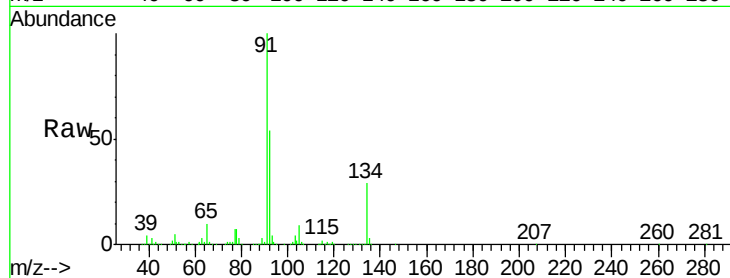
Tgt Ion: 91 Resp: 258036

Ion Ratio Lower Upper

91 100

92 53.8 27.1 81.2

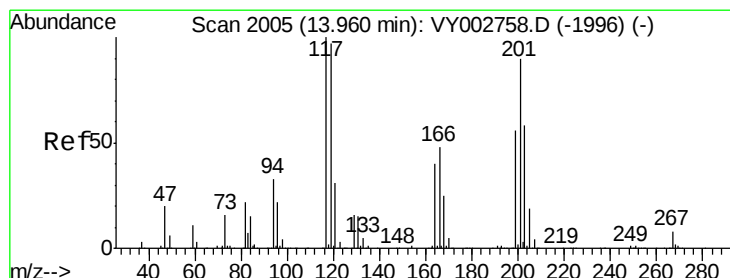
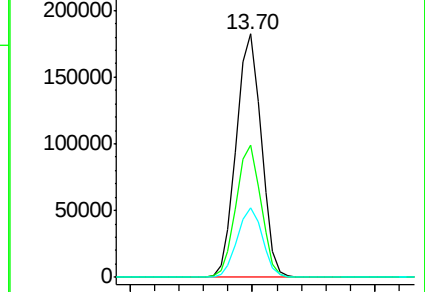
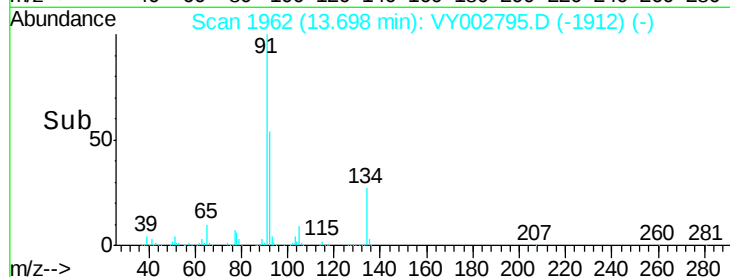
134 28.9 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002795.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY002795.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY002795.D (-1912) (-)



#90

Hexachloroethane

Concen: 20.61 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002795.D

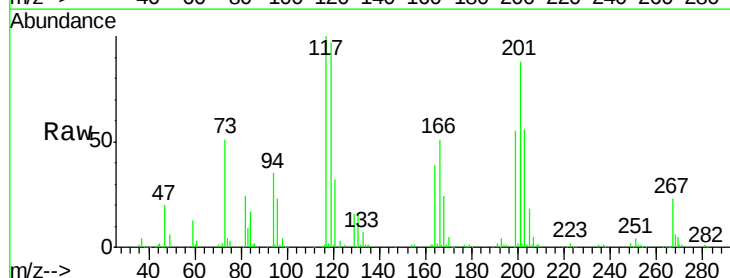
Acq: 29 May 2020 11:25

Tgt Ion: 117 Resp: 52029

Ion Ratio Lower Upper

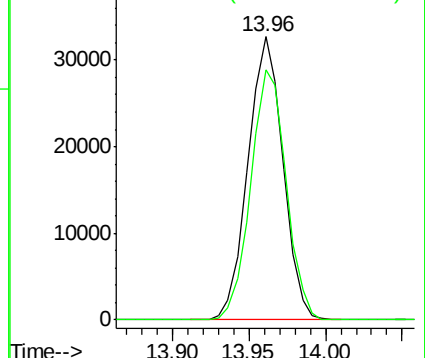
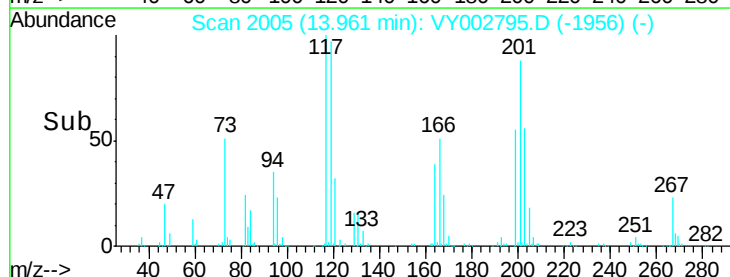
117 100

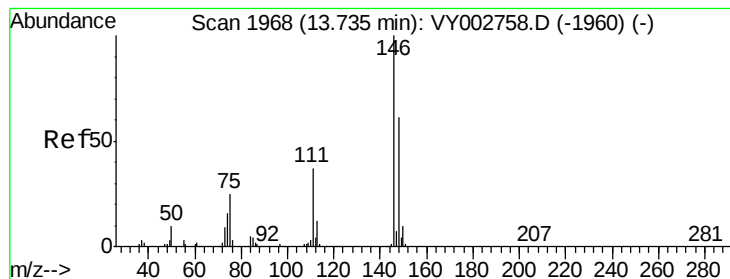
201 89.2 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): VY002795.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002795.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 21.02 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

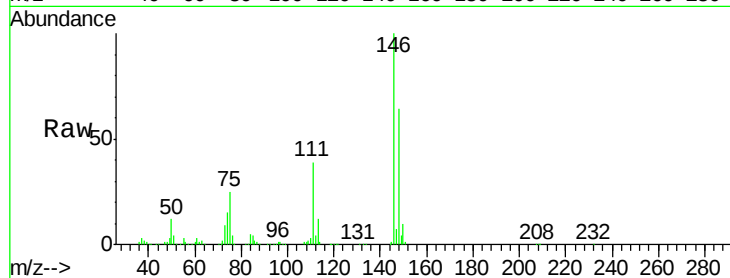
Tgt Ion:146 Resp: 133830

Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.9

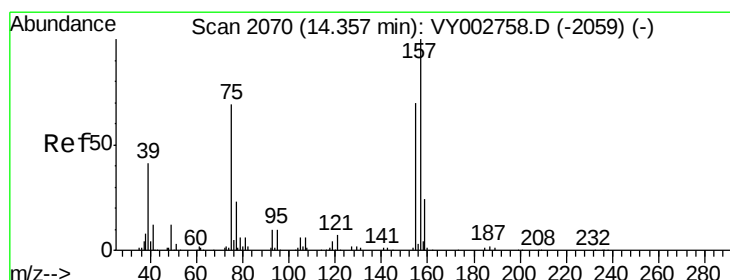
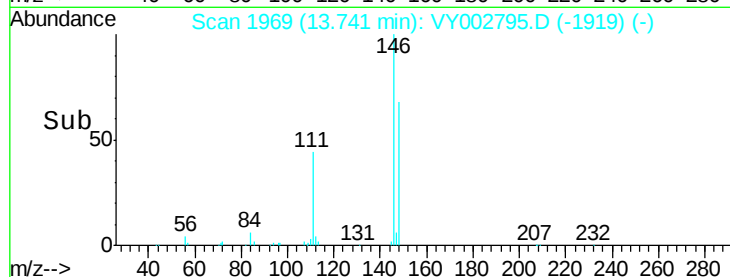
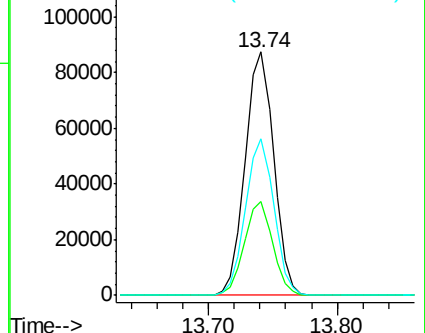
148 63.7 31.9 95.5



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: 20.74 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

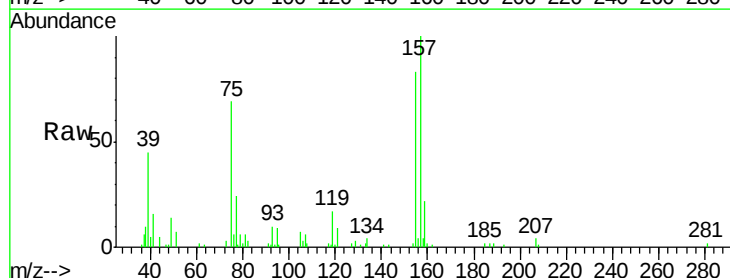
Tgt Ion: 75 Resp: 9961

Ion Ratio Lower Upper

75 100

155 108.2 53.5 160.5

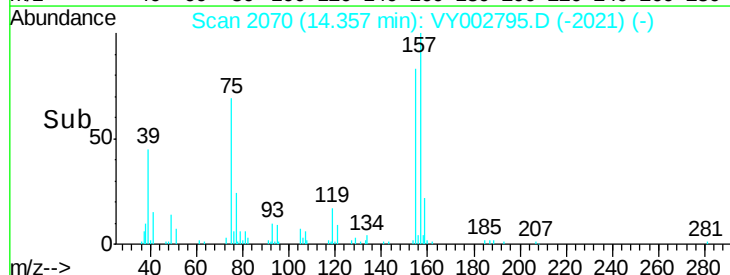
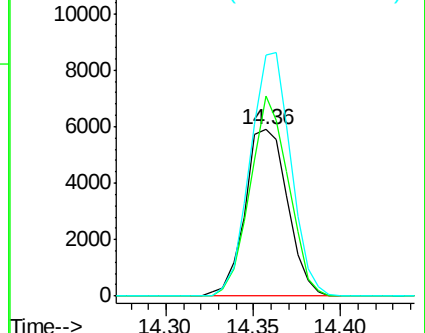
157 139.5 69.9 209.7

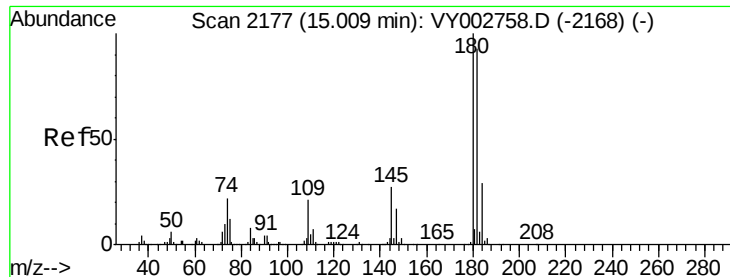


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

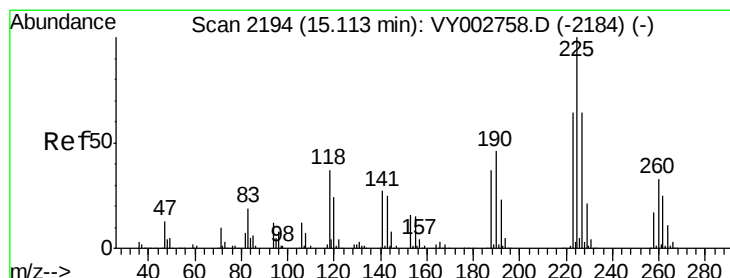
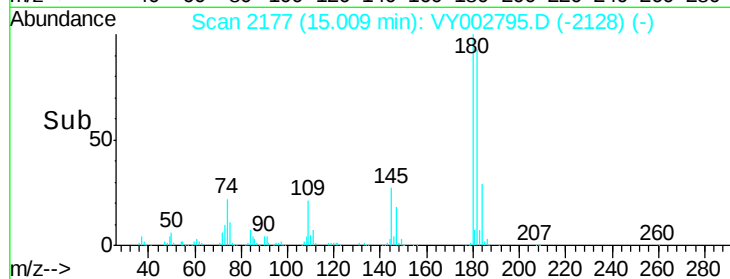
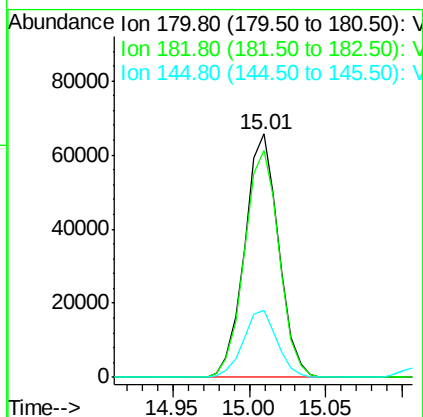
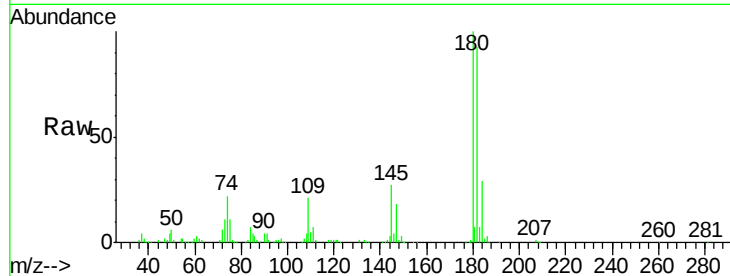




#93
 1,2,4-Trichlorobenzene
 Concen: 21.01 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

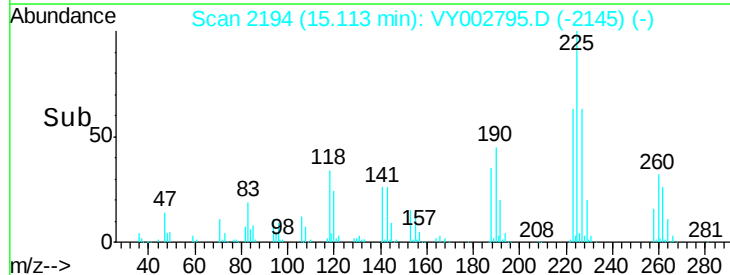
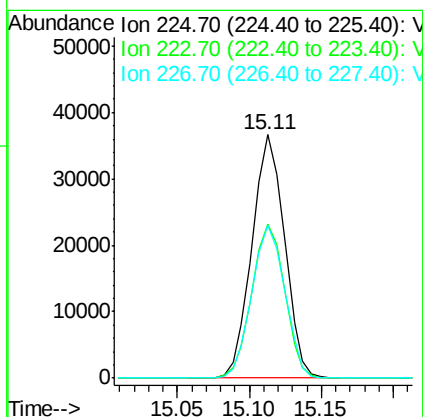
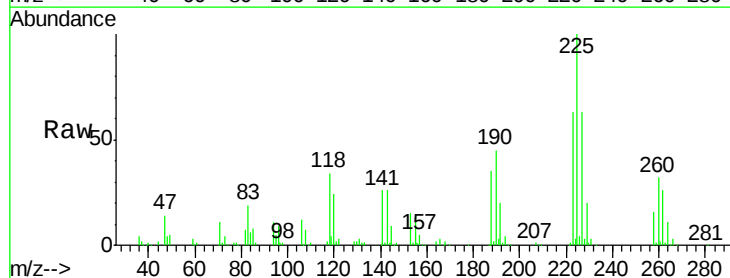
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

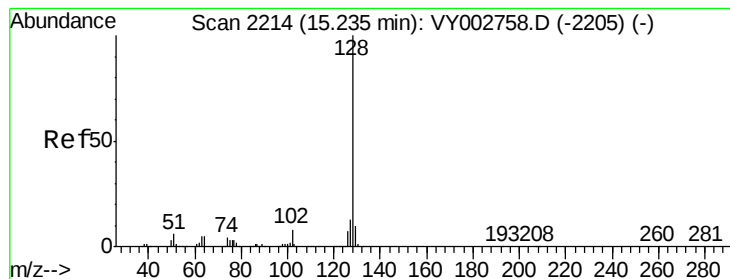
Tgt Ion:180 Resp: 100793
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.3 141.9
 145 27.7 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 21.04 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002795.D
 Acq: 29 May 2020 11:25

Tgt Ion:225 Resp: 57267
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.6 95.0
 227 63.7 32.3 96.9





#95

Naphthalene

Concen: 20.77 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

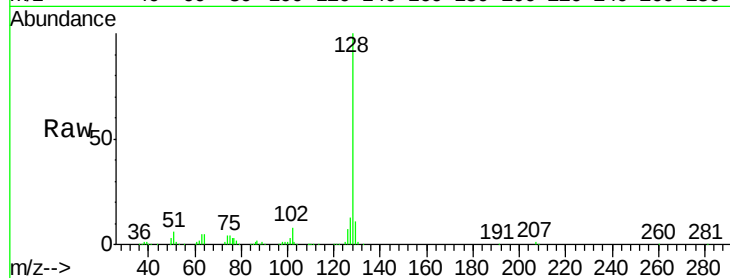
Tgt Ion:128 Resp: 199821

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

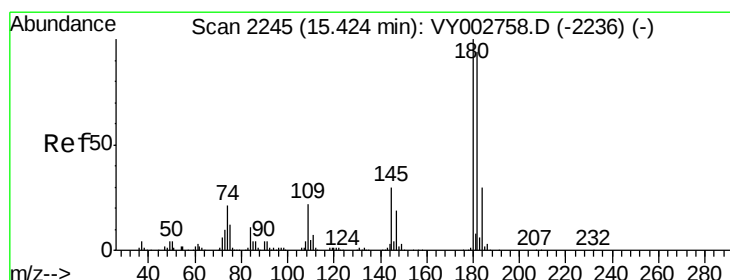
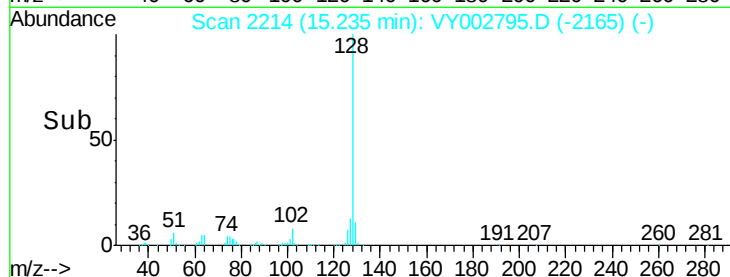
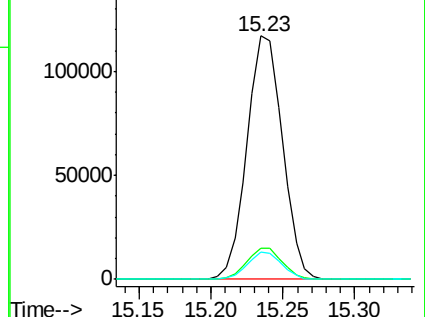
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.71 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002795.D

Acq: 29 May 2020 11:25

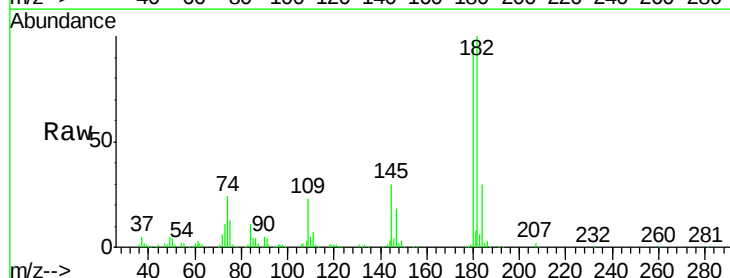
Tgt Ion:180 Resp: 88730

Ion Ratio Lower Upper

180 100

182 97.0 48.1 144.4

145 30.1 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

