

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002758.D
 Acq On : 27 May 2020 12:14
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: May 27 12:43:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 12:34:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	331572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	494320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	455182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245384	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	142892	54.50	ug/l	0.00
Spiked Amount			Recovery	=	109.00%	
35) Dibromofluoromethane	7.73	113	146400	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	
50) Toluene-d8	10.18	98	579634	52.44	ug/l	0.00
Spiked Amount			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.48	95	200247	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	105096	44.714	ug/l	100
3) Chloromethane	2.12	50	115914	43.396	ug/l	100
4) Vinyl Chloride	2.26	62	125537	44.988	ug/l	100
5) Bromomethane	2.65	94	93288	45.075	ug/l	100
6) Chloroethane	2.79	64	82479	46.177	ug/l	100
7) Trichlorofluoromethane	3.13	101	228319	48.070	ug/l	100
8) Diethyl Ether	3.54	74	87003	53.323	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	140036	48.552	ug/l	100
10) Methyl Iodide	4.10	142	204508	51.853	ug/l	100
11) Tert butyl alcohol	4.97	59	76059	281.287	ug/l	100
12) 1,1-Dichloroethene	3.88	96	138098	47.878	ug/l	100
13) Acrolein	3.74	56	79597	256.799	ug/l	100
14) Allyl chloride	4.48	41	204270	49.199	ug/l	100
15) Acrylonitrile	5.18	53	207354	278.708	ug/l	100
16) Acetone	3.96	43	174519	314.053	ug/l	100
17) Carbon Disulfide	4.20	76	416049	46.367	ug/l	100
18) Methyl Acetate	4.49	43	84682	54.994	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	386037	53.250	ug/l	100
20) Methylene Chloride	4.72	84	155129	48.164	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	155368	48.429	ug/l	100
22) Diisopropyl ether	6.13	45	419263	50.742	ug/l	100
23) Vinyl Acetate	6.07	43	1433500	268.892	ug/l	100
24) 1,1-Dichloroethane	6.03	63	245732	49.863	ug/l	100
25) 2-Butanone	7.00	43	263955	291.080	ug/l	100
26) 2,2-Dichloropropane	6.99	77	224980	48.804	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	174151	50.039	ug/l	100
28) Bromochloromethane	7.34	49	100248	50.873	ug/l	100
29) Tetrahydrofuran	7.35	42	172454	282.444	ug/l	100
30) Chloroform	7.52	83	260701	50.844	ug/l	100
31) Cyclohexane	7.79	56	230194	46.267	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	240119	50.597	ug/l	100
36) 1,1-Dichloropropene	7.92	75	202948	48.724	ug/l	100
37) Ethyl Acetate	7.08	43	112395	54.292	ug/l	100
38) Carbon Tetrachloride	7.91	117	224959	50.172	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	264614	47.518	ug/l	100
40) Benzene	8.17	78	600940	49.446	ug/l	100
41) Methacrylonitrile	7.35	41	155279	128.510	ug/l #	32
42) 1,2-Dichloroethane	8.24	62	167381	51.845	ug/l	100
43) Isopropyl Acetate	8.28	43	215092	55.635	ug/l	100
44) Trichloroethene	8.94	130	189896	49.095	ug/l	100
45) 1,2-Dichloropropane	9.22	63	145152	50.088	ug/l	100
46) Dibromomethane	9.31	93	86508	52.915	ug/l	100
47) Bromodichloromethane	9.50	83	205908	51.802	ug/l	100
48) Methyl methacrylate	9.30	41	96468	54.405	ug/l	100
49) 1,4-Dioxane	9.30	88	26563	1164.348	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	566747	282.913	ug/l	100
52) Toluene	10.24	92	394505	50.005	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	224493	52.673	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	253916	51.629	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	132670	54.063	ug/l	100
56) Ethyl methacrylate	10.51	69	180033	55.296	ug/l	100
57) 1,3-Dichloropropane	10.79	76	216189	52.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	426257	266.605	ug/l	100
59) 2-Hexanone	10.83	43	409270	291.646	ug/l	100
60) Dibromochloromethane	10.99	129	168762	54.104	ug/l	100
61) 1,2-Dibromoethane	11.09	107	131376	54.438	ug/l	100
64) Tetrachloroethene	10.72	164	203026	47.546	ug/l	100
65) Chlorobenzene	11.52	112	439757	50.021	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	168819	51.546	ug/l	100
67) Ethyl Benzene	11.59	91	760837	49.411	ug/l	100
68) m/p-Xylenes	11.70	106	593699	99.082	ug/l	100
69) o-Xylene	12.03	106	282985	50.238	ug/l	100
70) Styrene	12.04	104	493056	50.910	ug/l	100
71) Bromoform	12.20	173	112813	55.232	ug/l #	100
73) Isopropylbenzene	12.33	105	766592	48.132	ug/l	100
74) N-amyl acetate	12.14	43	204590	53.983	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	136839	56.592	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	206275	101.603	ug/l #	100
77) Bromobenzene	12.61	156	198836	49.642	ug/l	100
78) n-propylbenzene	12.67	91	890700	48.078	ug/l	100
79) 2-Chlorotoluene	12.75	91	495103	48.127	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	646440	48.299	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	59140	54.619	ug/l	100
82) 4-Chlorotoluene	12.85	91	525378	48.604	ug/l	100
83) tert-Butylbenzene	13.08	119	576168	48.511	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	650726	48.569	ug/l	100
85) sec-Butylbenzene	13.25	105	782515	47.864	ug/l	100
86) p-Isopropyltoluene	13.37	119	732778	47.947	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	377801	48.911	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	376725	48.992	ug/l	100
89) n-Butylbenzene	13.69	91	665915	47.439	ug/l	100
90) Hexachloroethane	13.96	117	137448	48.429	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	346162	49.828	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26256	56.541	ug/l	100

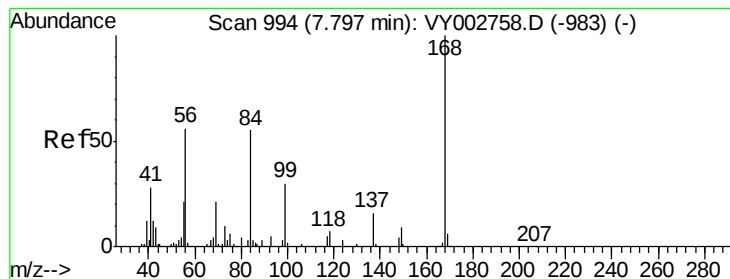
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	259116	48.185	ug/l	100
94) Hexachlorobutadiene	15.11	225	146822	45.427	ug/l	100
95) Naphthalene	15.23	128	523641	53.738	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	228433	48.660	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

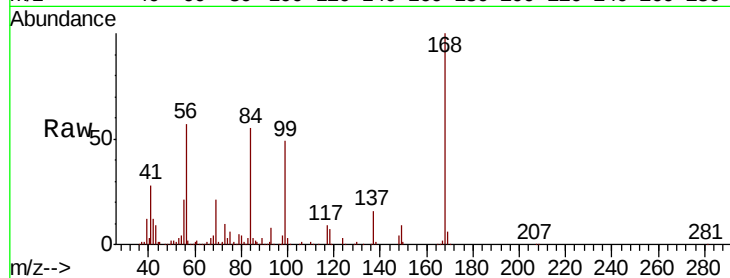
VSTDICCC050

Tot Ion:168 Resp: 331572

Ion Ratio Lower Upper

168 100

99 48.7 39.0 58.4



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

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

7.80

150000

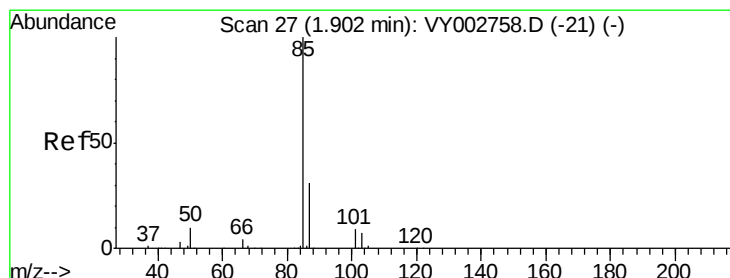
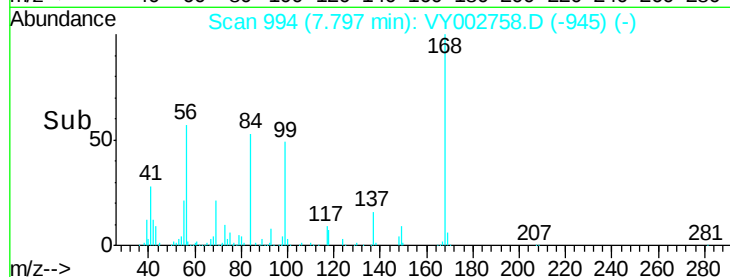
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.714 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002758.D

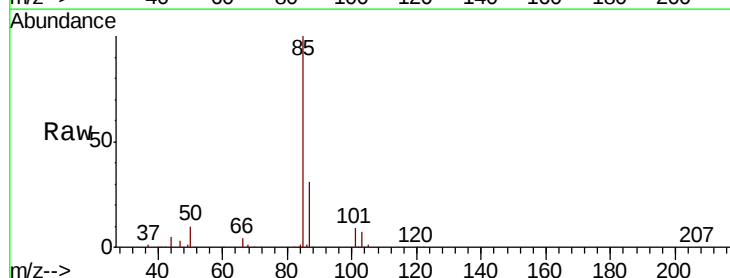
Acq: 27 May 2020 12:14

Tgt Ion: 85 Resp: 105096

Ion Ratio Lower Upper

85 100

87 31.0 15.5 46.5



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

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

1.90

80000

60000

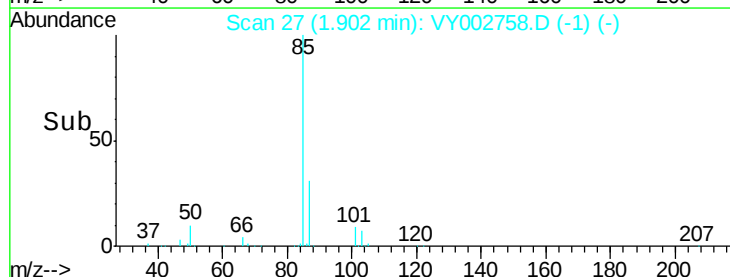
40000

20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.396 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

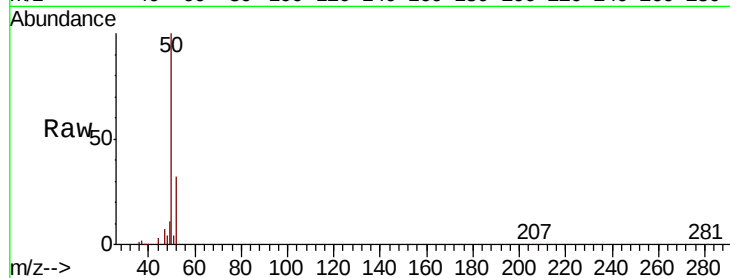
VSTDICCC050

Tot Ion: 50 Resp: 115914

Ion Ratio Lower Upper

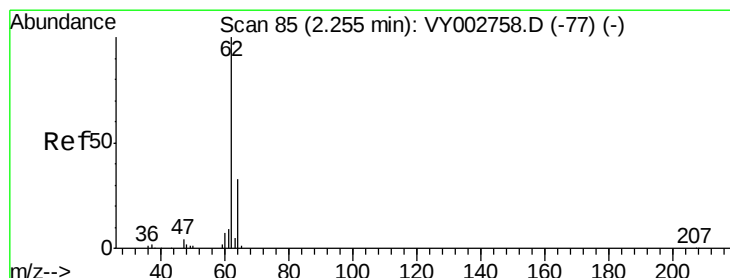
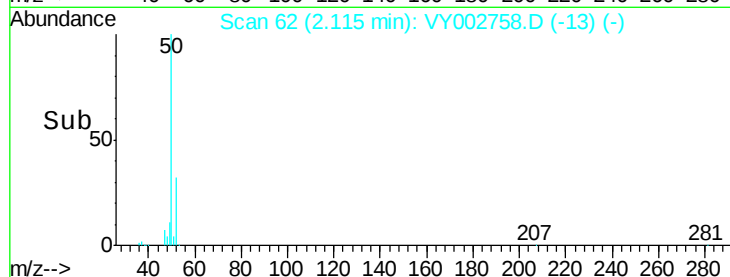
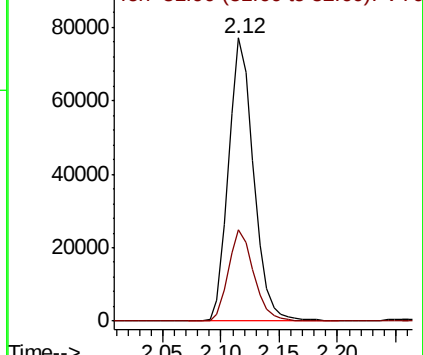
50 100

52 32.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 44.988 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002758.D

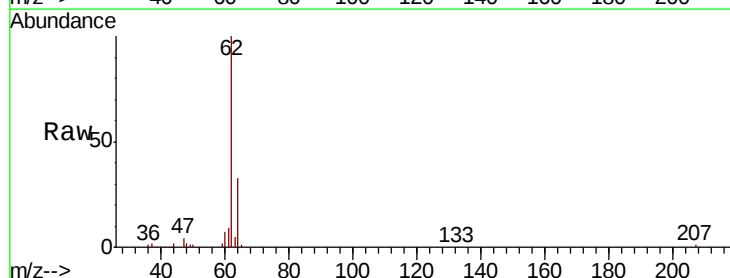
Acq: 27 May 2020 12:14

Tgt Ion: 62 Resp: 125537

Ion Ratio Lower Upper

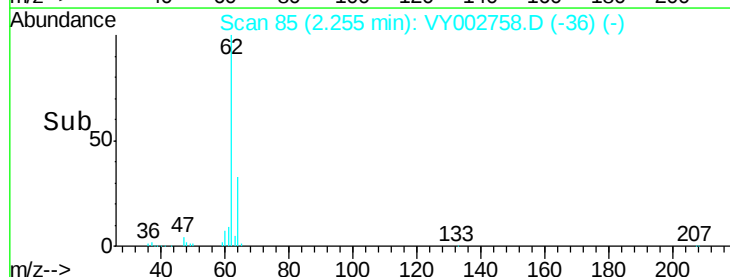
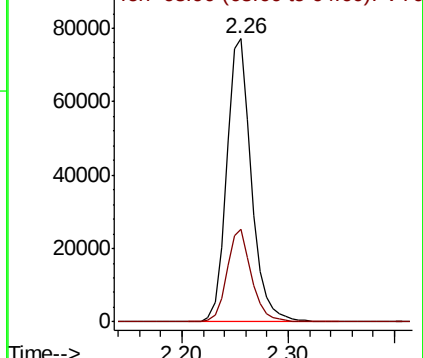
62 100

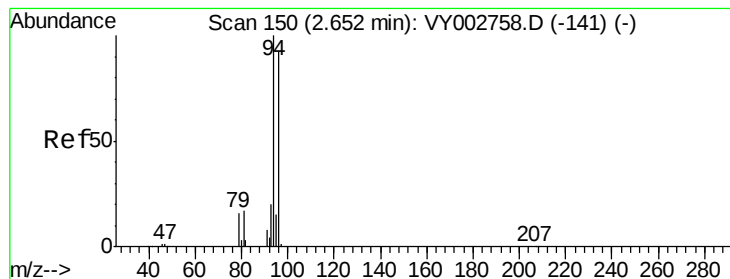
64 32.6 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 45.075 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

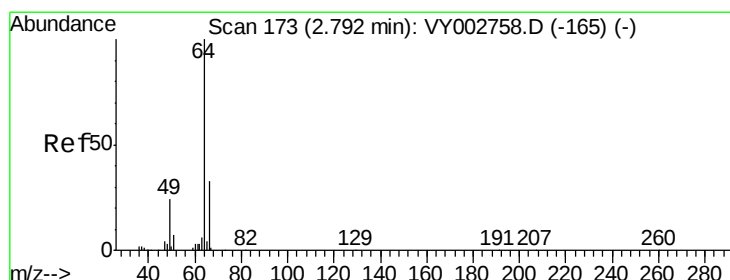
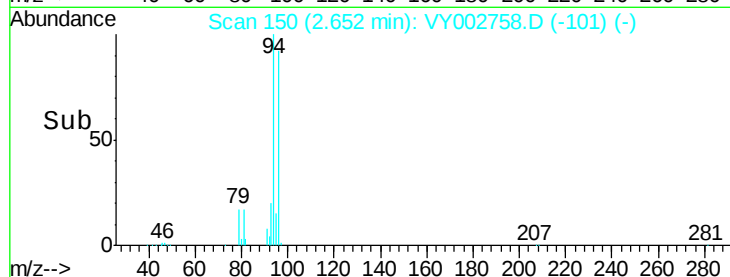
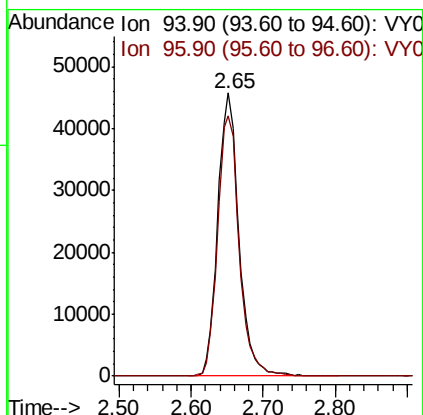
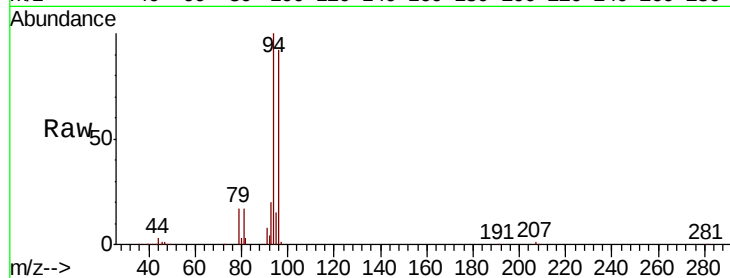
VSTDICCC050

Tot Ion: 94 Resp: 93288

Ion Ratio Lower Upper

94 100

96 92.1 73.7 110.5



#6

Chloroethane

Concen: 46.177 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002758.D

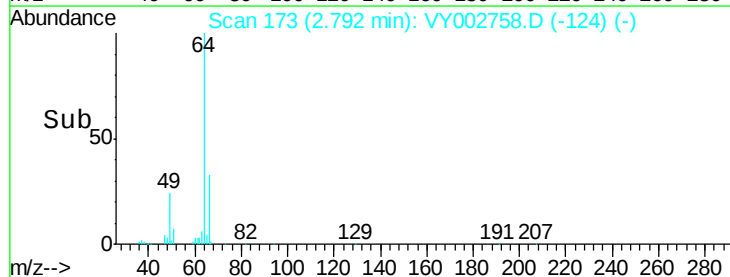
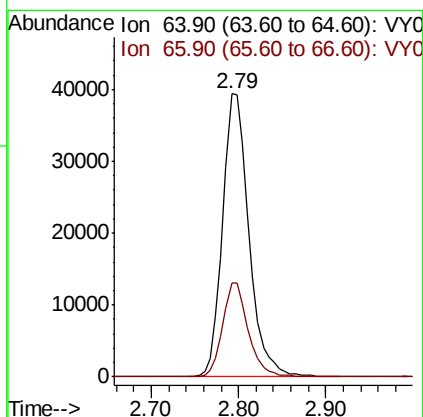
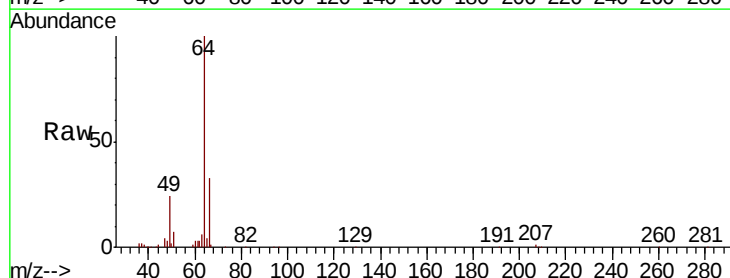
Acq: 27 May 2020 12:14

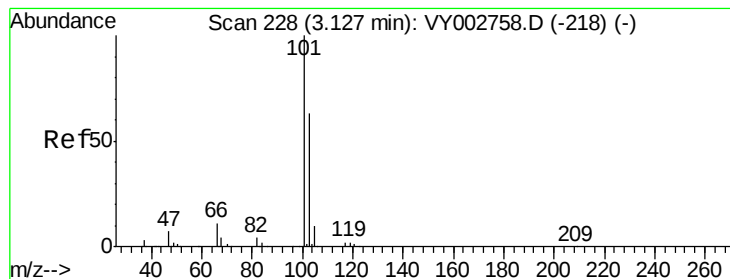
Tgt Ion: 64 Resp: 82479

Ion Ratio Lower Upper

64 100

66 33.0 26.4 39.6



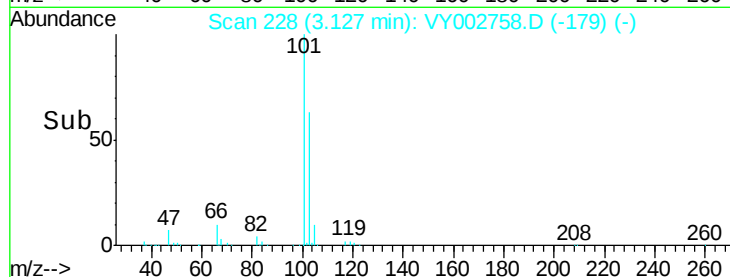
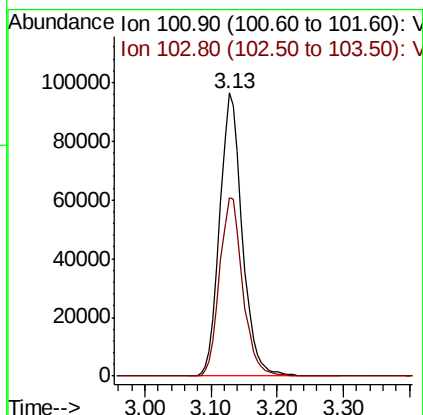
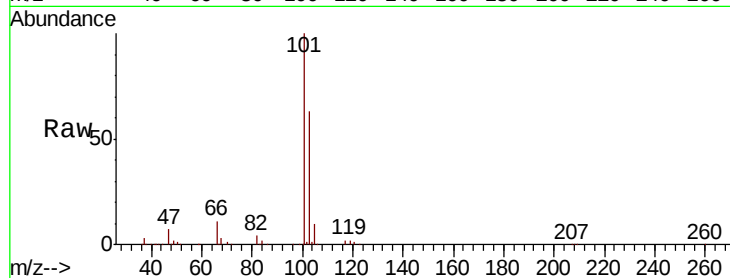


#7

Trichlorofluoromethane
 Concen: 48.070 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Instrument :
 MSVOA_Y
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 VSTDICCC050

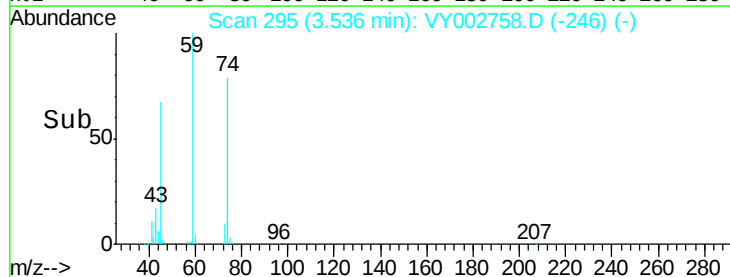
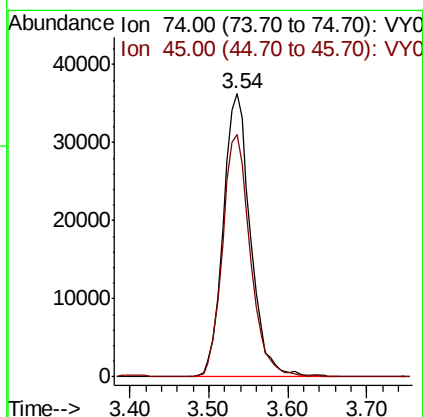
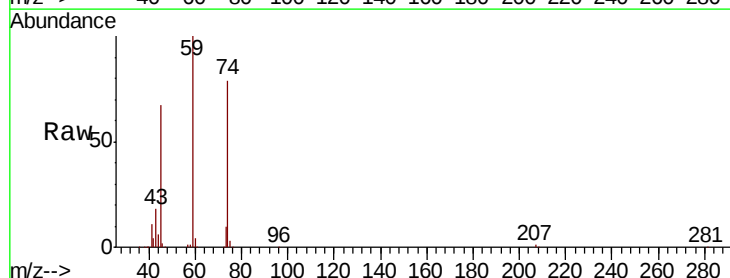
Tot Ion:101 Resp: 228319
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.6 76.0

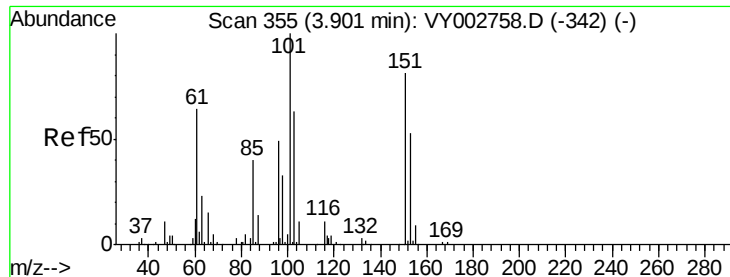


#8

Diethyl Ether
 Concen: 53.323 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Tgt Ion: 74 Resp: 87003
 Ion Ratio Lower Upper
 74 100
 45 87.9 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.552 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

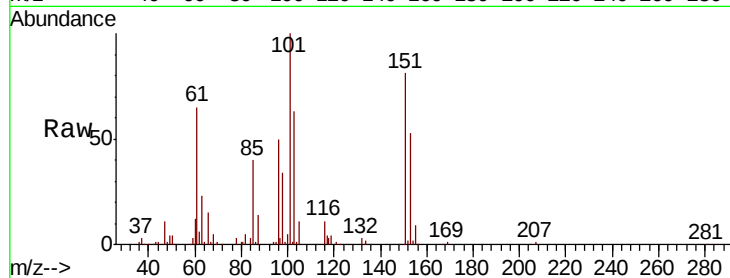
Tot Ion:101 Resp: 140036

Ion Ratio Lower Upper

101 100

85 40.9 32.7 49.1

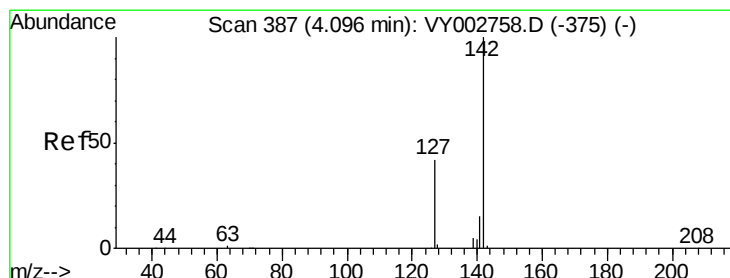
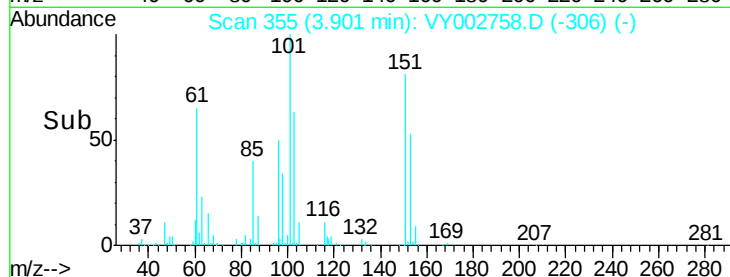
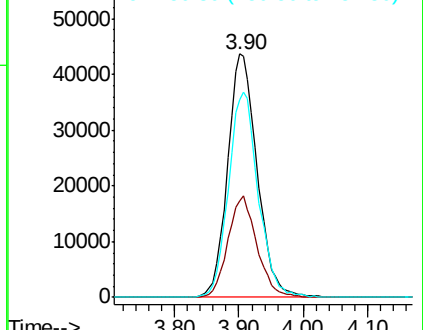
151 85.0 68.0 102.0



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: 51.853 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

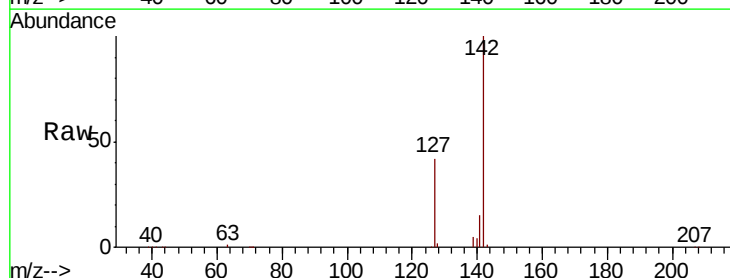
Tgt Ion:142 Resp: 204508

Ion Ratio Lower Upper

142 100

127 41.6 33.3 49.9

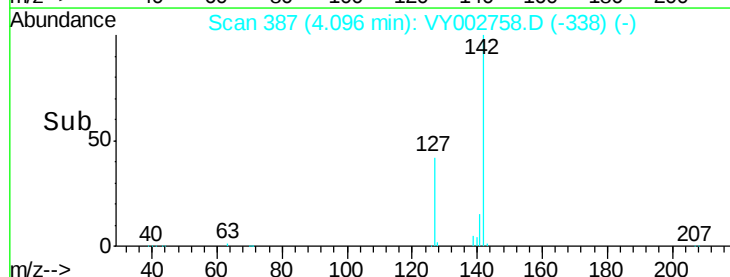
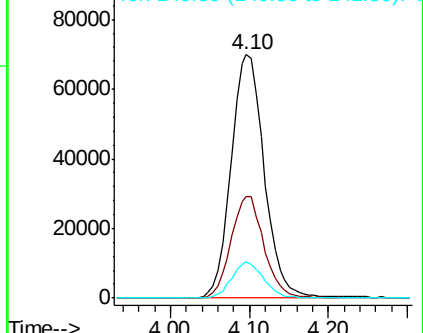
141 14.4 11.5 17.3



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



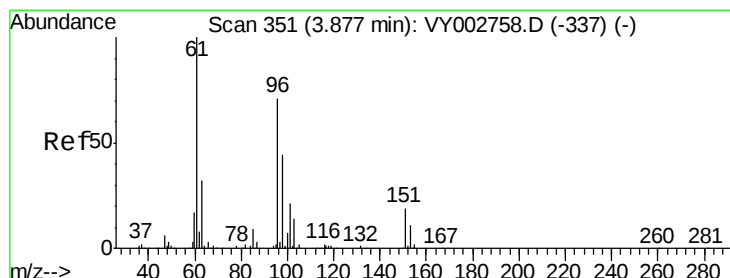
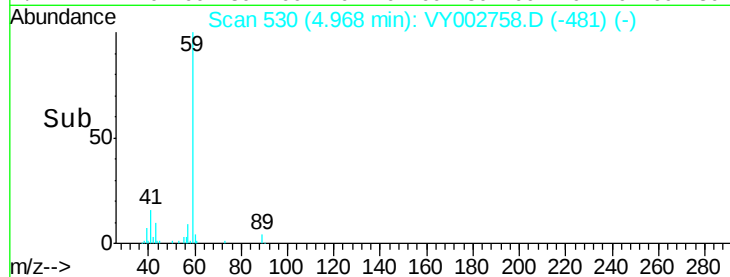
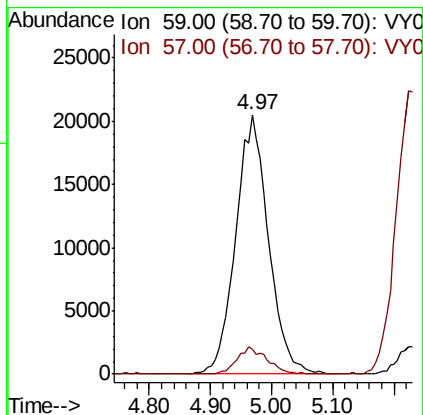
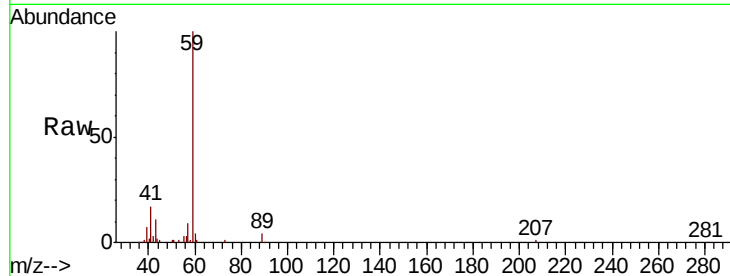


#11

Tert butyl alcohol
 Concen: 281.287 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

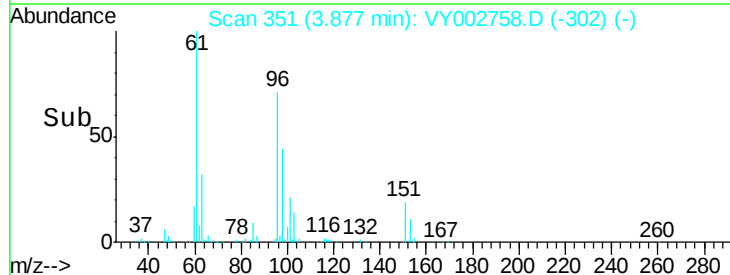
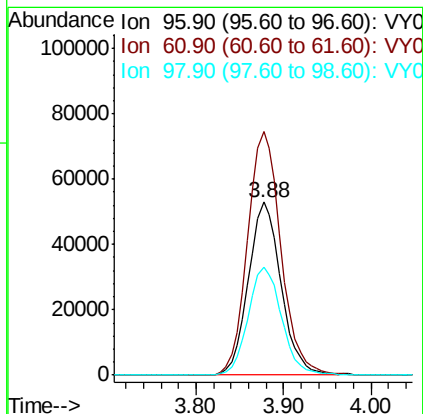
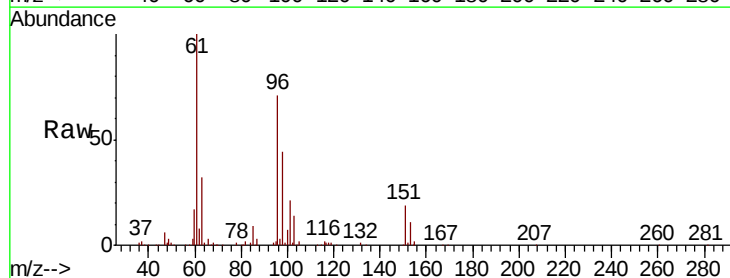
Tot Ion: 59 Resp: 76059
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.7 11.5

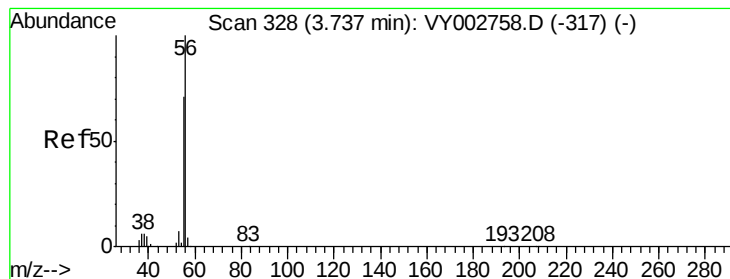


#12

1,1-Dichloroethene
 Concen: 47.878 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Tgt Ion: 96 Resp: 138098
 Ion Ratio Lower Upper
 96 100
 61 140.7 112.6 168.8
 98 62.5 50.0 75.0





#13

Acrolein

Concen: 256.799 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

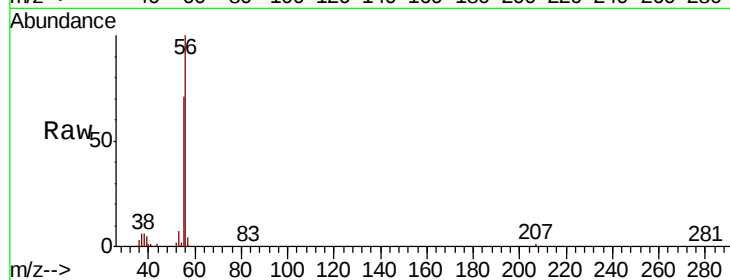
VSTDICCC050

Tot Ion: 56 Resp: 79597

Ion Ratio Lower Upper

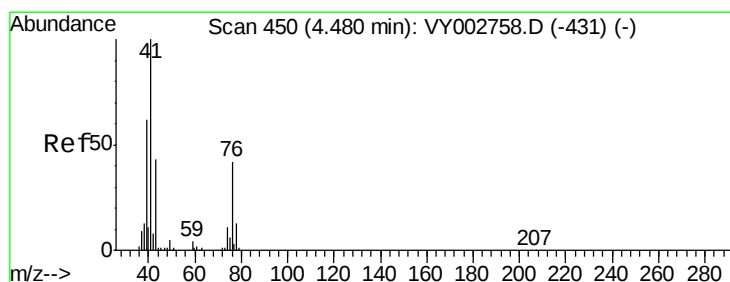
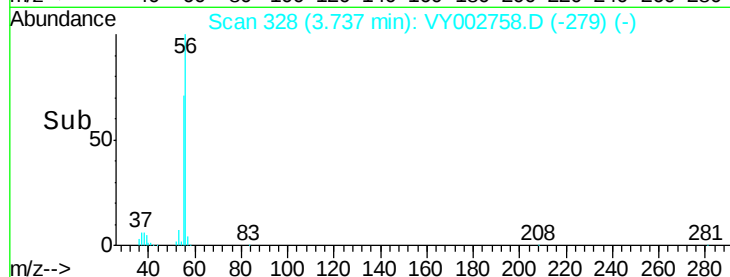
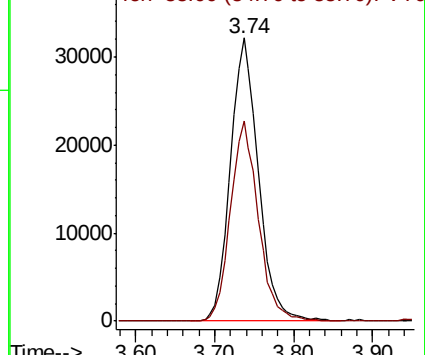
56 100

55 70.0 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: 49.199 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

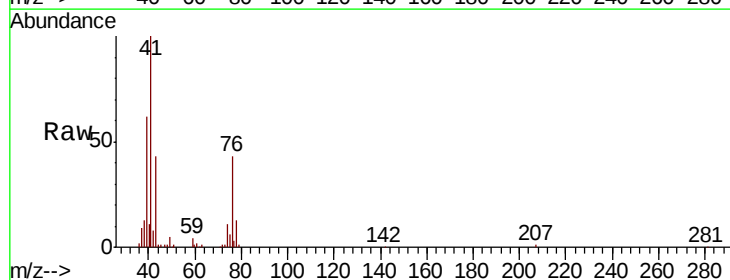
Tgt Ion: 41 Resp: 204270

Ion Ratio Lower Upper

41 100

39 62.4 49.9 74.9

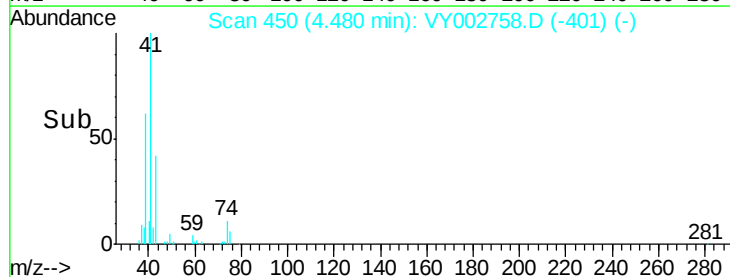
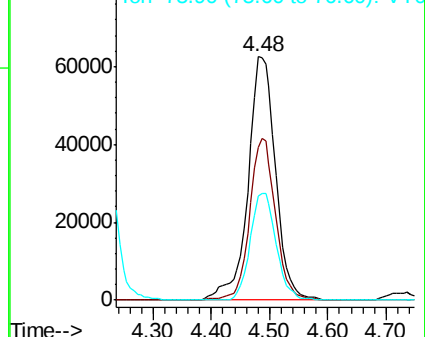
76 41.5 33.2 49.8

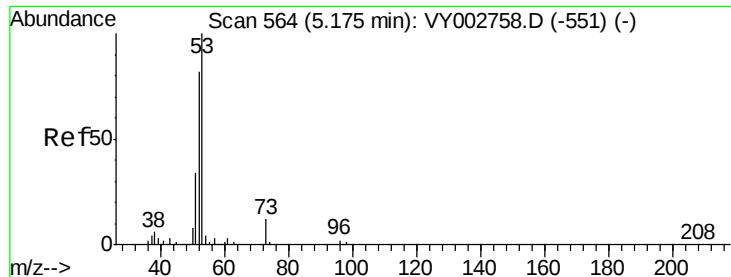


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 278.708 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

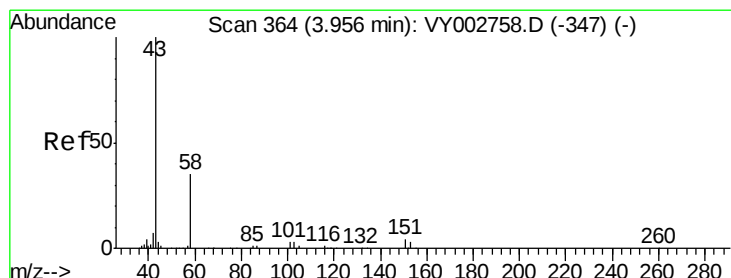
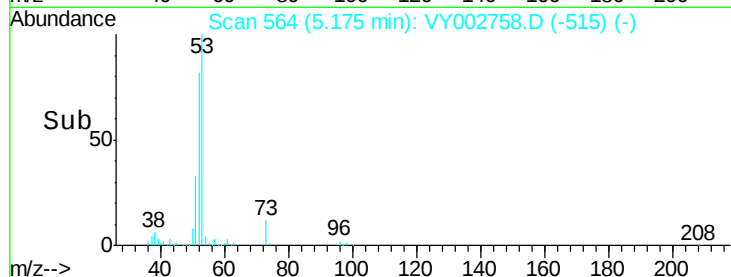
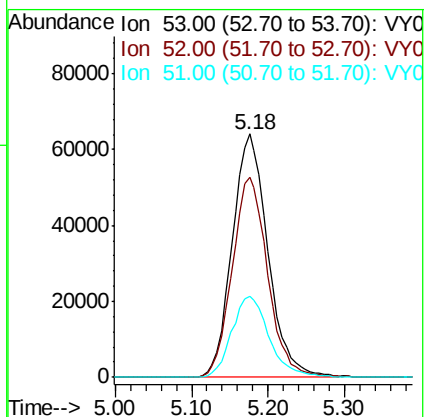
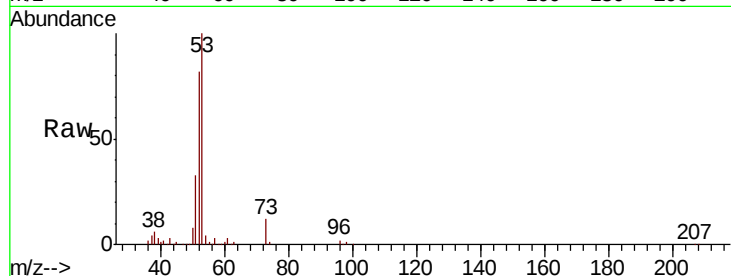
Tot Ion: 53 Resp: 207354

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

51 35.0 28.0 42.0



#16

Acetone

Concen: 314.053 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002758.D

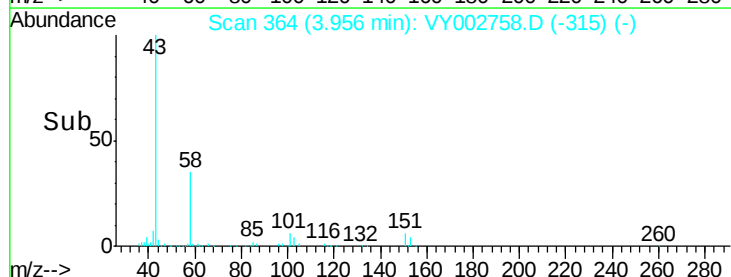
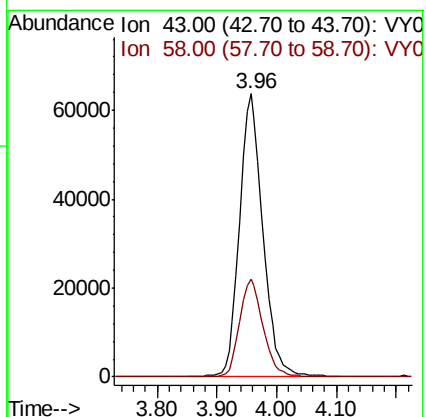
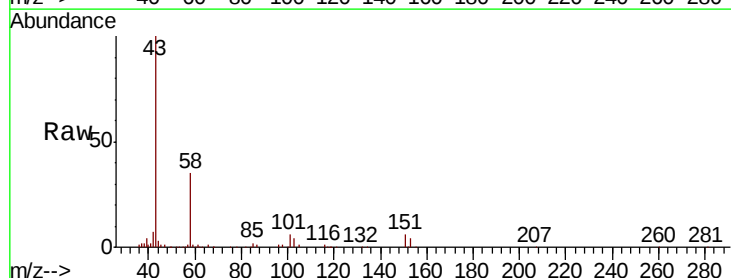
Acq: 27 May 2020 12:14

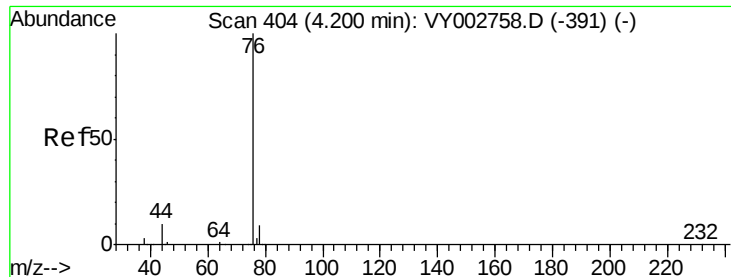
Tgt Ion: 43 Resp: 174519

Ion Ratio Lower Upper

43 100

58 34.6 27.7 41.5





#17

Carbon Disulfide

Concen: 46.367 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

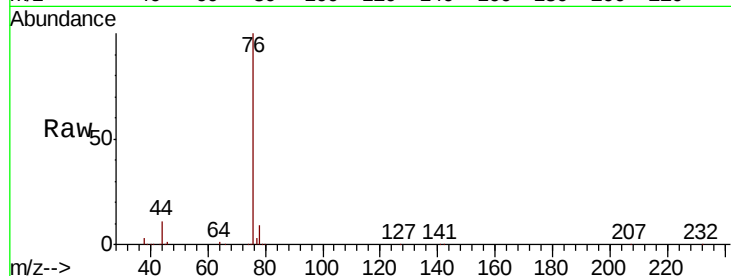
VSTDICCC050

Tot Ion: 76 Resp: 416049

Ion Ratio Lower Upper

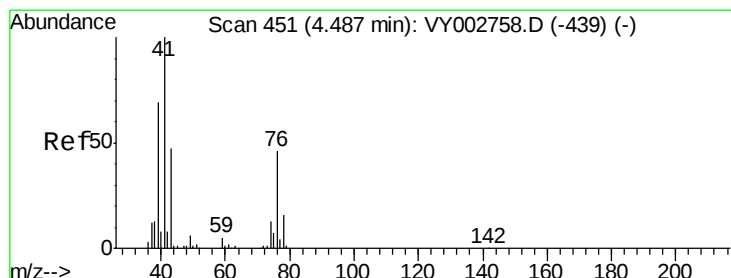
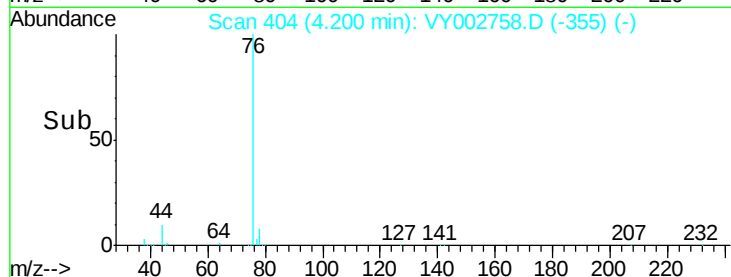
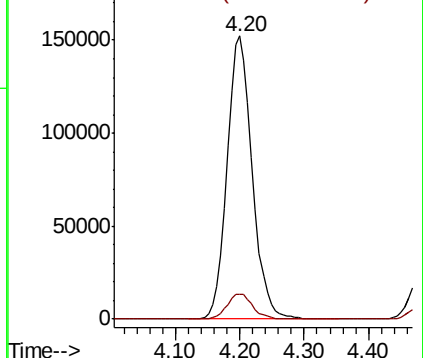
76 100

78 8.6 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: 54.994 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002758.D

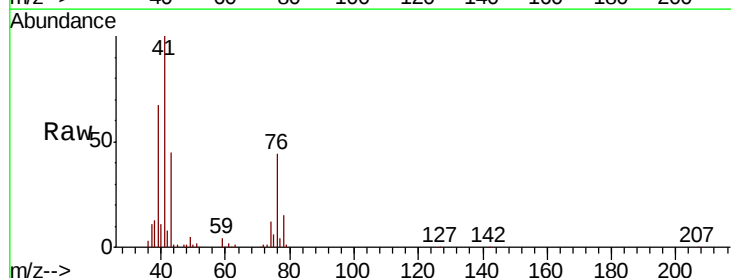
Acq: 27 May 2020 12:14

Tgt Ion: 43 Resp: 84682

Ion Ratio Lower Upper

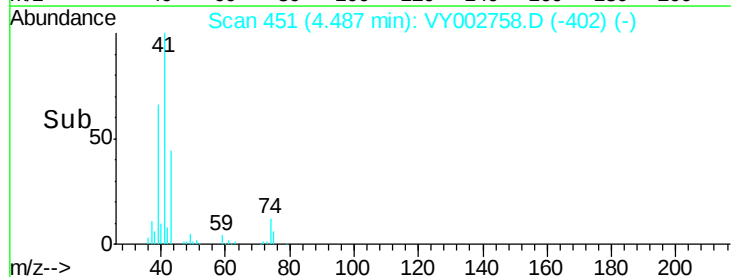
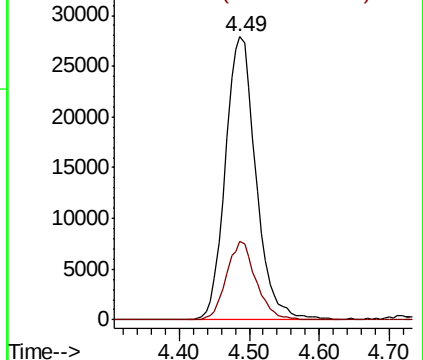
43 100

74 26.7 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



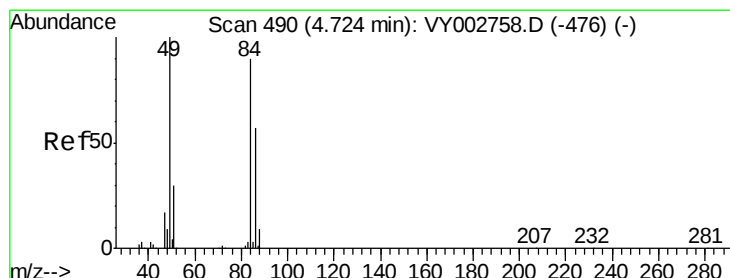
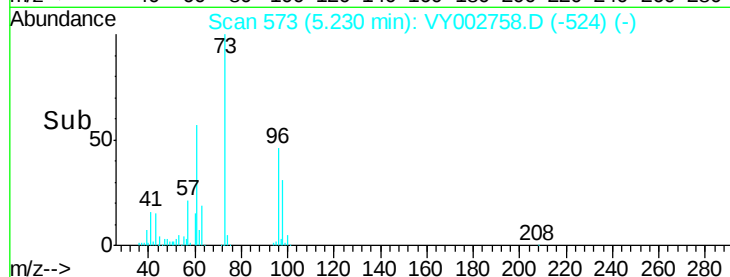
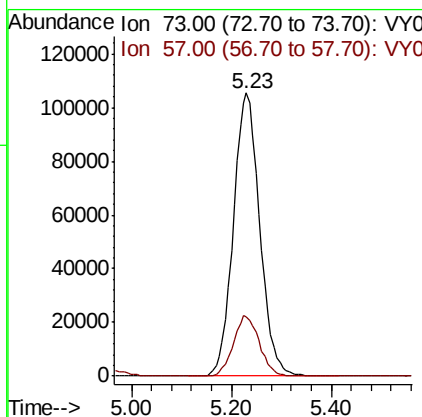
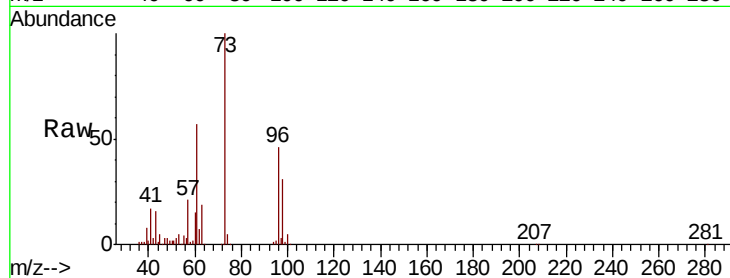


#19

Methyl tert-butyl Ether
 Concen: 53.250 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

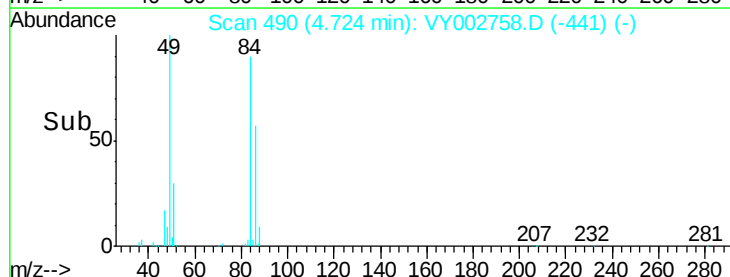
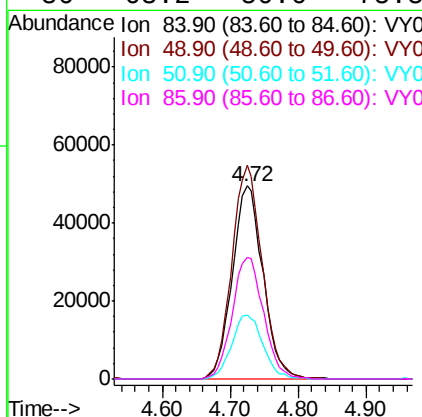
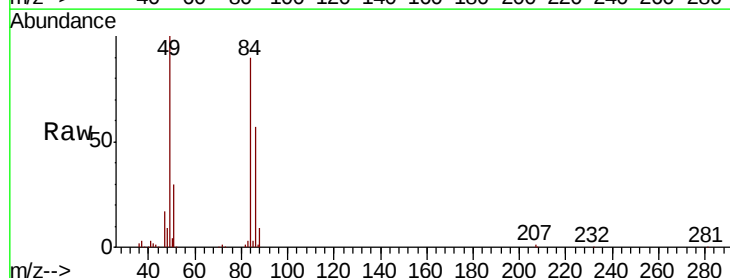
Tot Ion: 73 Resp: 386037
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.0 25.4

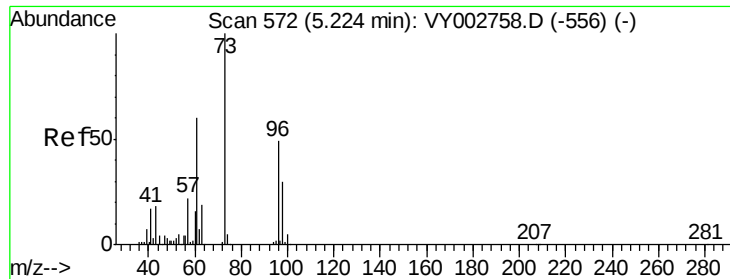


#20

Methylene Chloride
 Concen: 48.164 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Tgt Ion: 84 Resp: 155129
 Ion Ratio Lower Upper
 84 100
 49 110.6 88.5 132.7
 51 33.5 26.8 40.2
 86 63.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 48.429 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

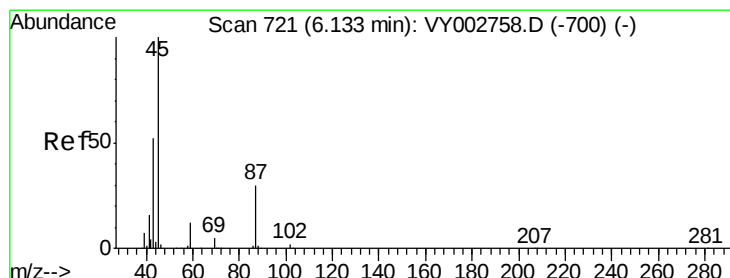
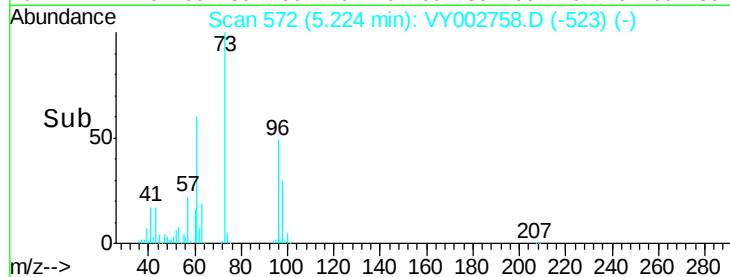
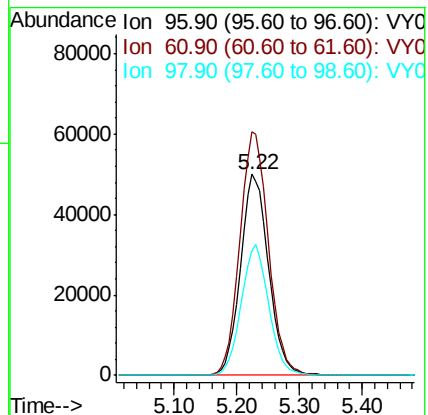
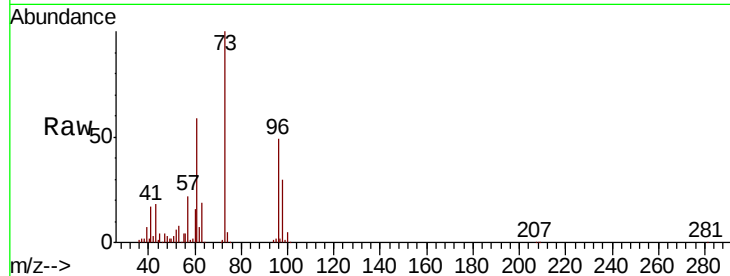
Tot Ion: 96 Resp: 155368

Ion Ratio Lower Upper

96 100

61 121.0 96.8 145.2

98 61.7 49.4 74.0



#22

Diisopropyl ether

Concen: 50.742 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Tgt Ion: 45 Resp: 419263

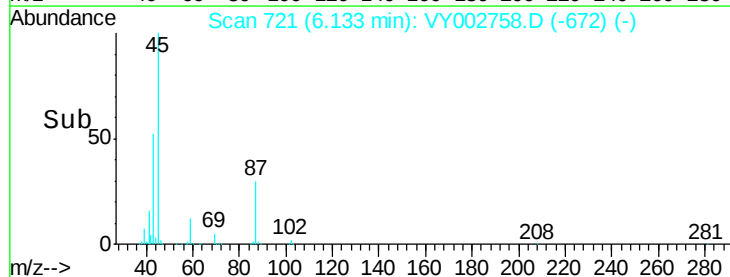
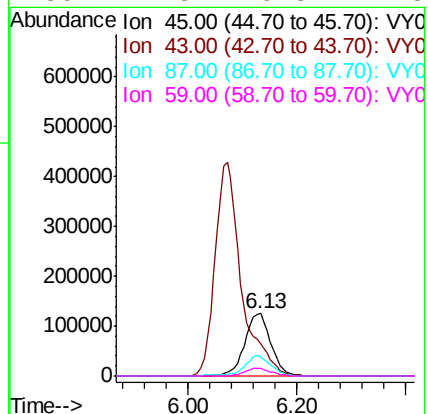
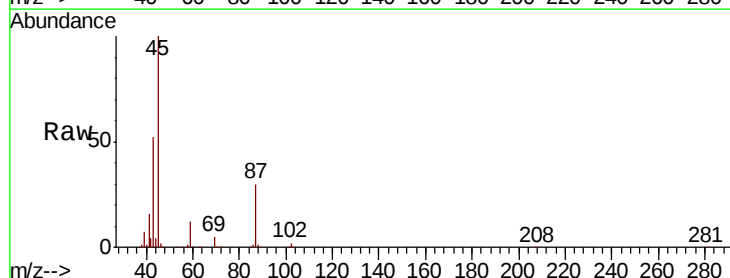
Ion Ratio Lower Upper

45 100

43 52.1 41.7 62.5

87 30.2 24.2 36.2

59 12.3 9.8 14.8





#23

Vinyl Acetate

Concen: 268.892 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

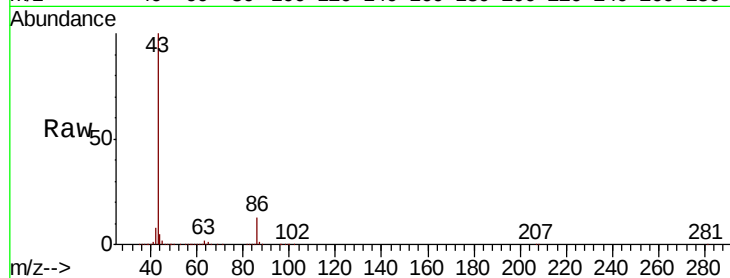
VSTDICCC050

Tot Ion: 43 Resp: 1433500

Ion Ratio Lower Upper

43 100

86 12.7 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400000

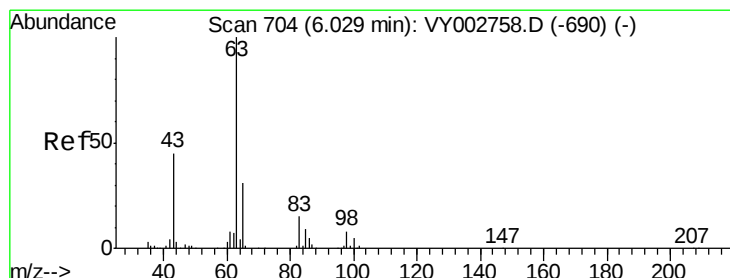
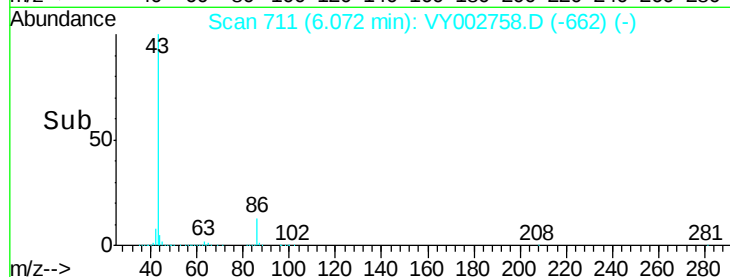
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.863 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

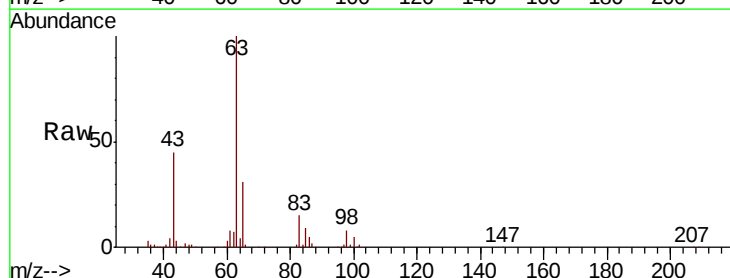
Tgt Ion: 63 Resp: 245732

Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.2

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

100000

80000

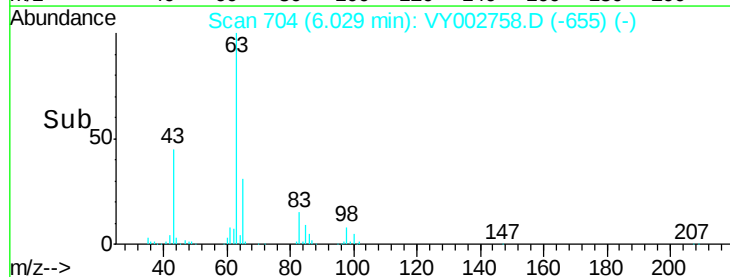
60000

40000

20000

0

Time-->

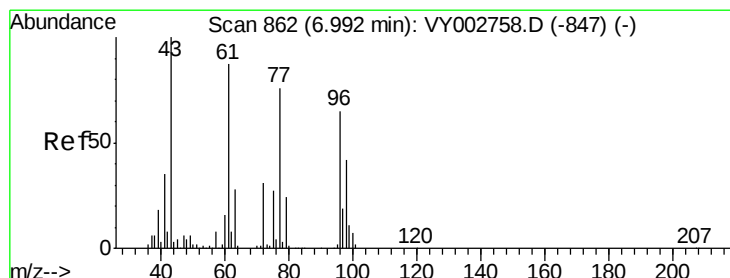
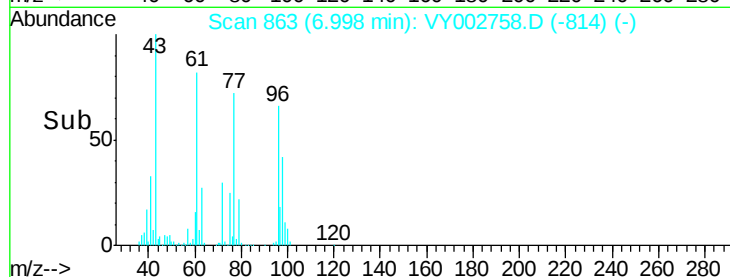
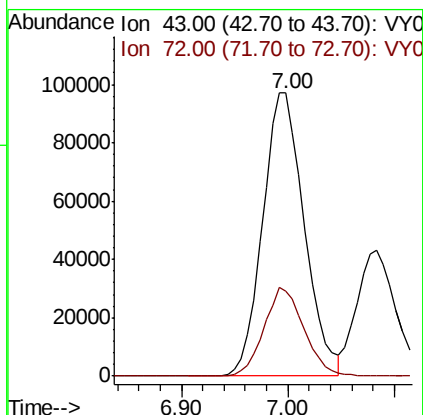
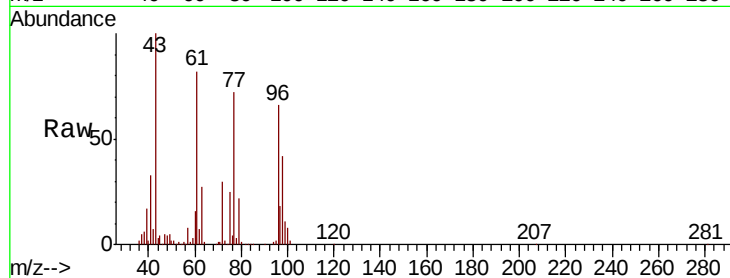




#25
2-Butanone
Concen: 291.080 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

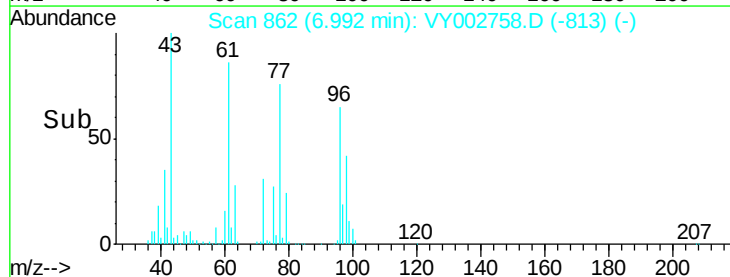
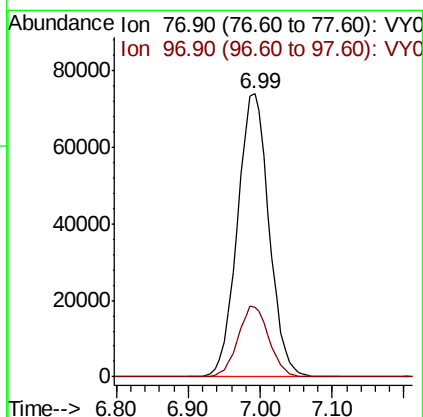
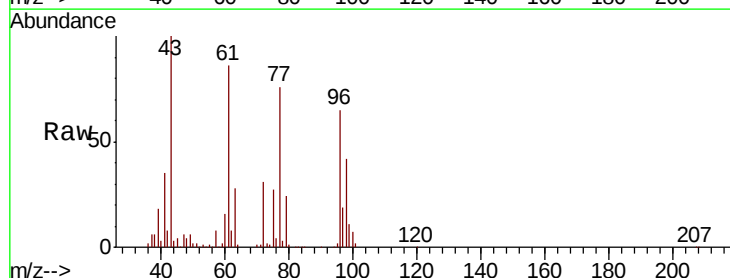
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 263955
Ion Ratio Lower Upper
43 100
72 29.9 23.9 35.9



#26
2,2-Dichloropropane
Concen: 48.804 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

Tgt Ion: 77 Resp: 224980
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6



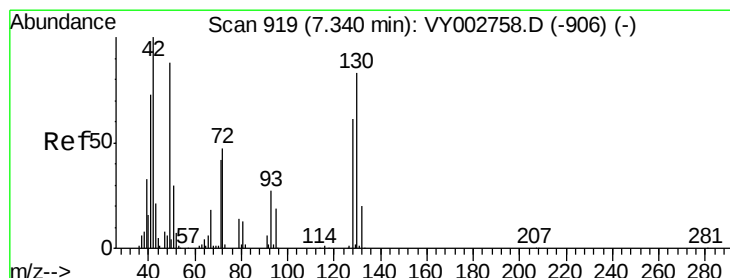
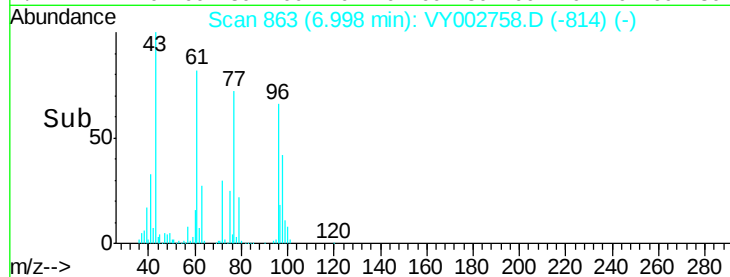
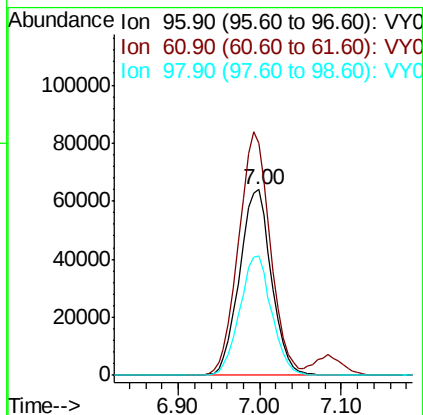
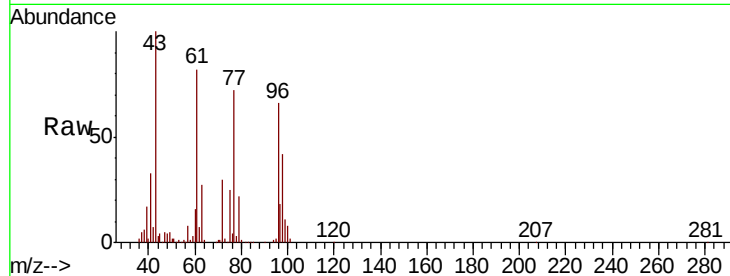


#27

cis-1,2-Dichloroethene
 Concen: 50.039 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

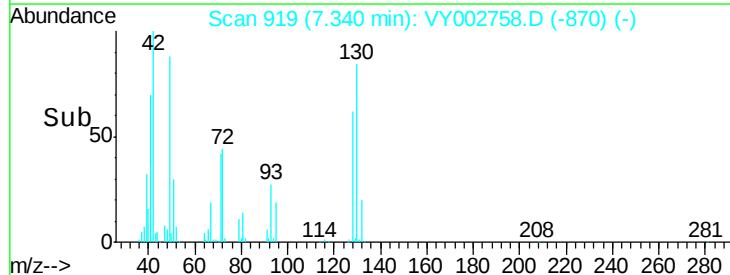
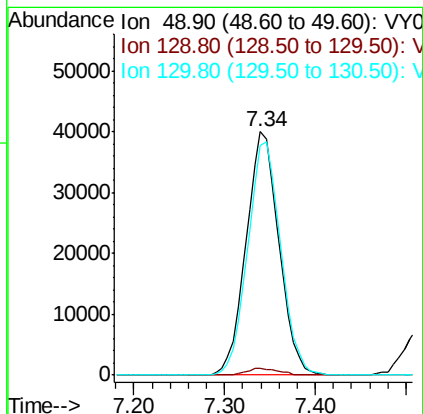
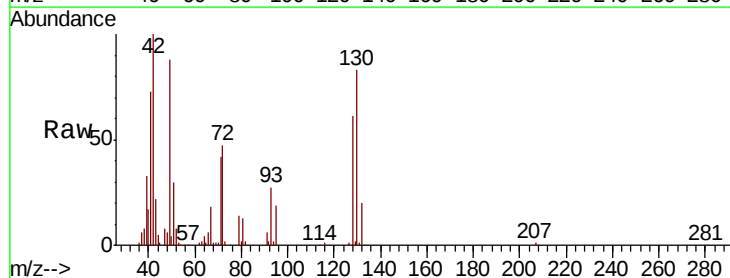
Tot Ion: 96 Resp: 174151
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 260.2
 98 64.1 0.0 128.2

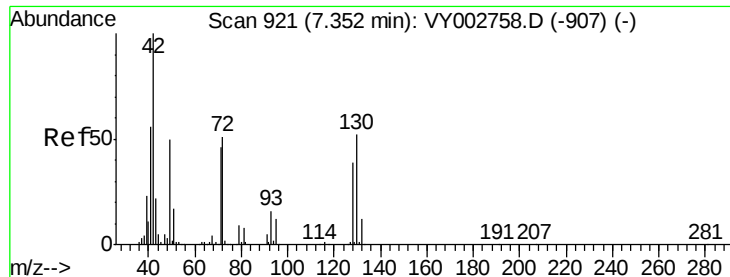


#28

Bromochloromethane
 Concen: 50.873 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Tgt Ion: 49 Resp: 100248
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 96.4 77.1 115.7

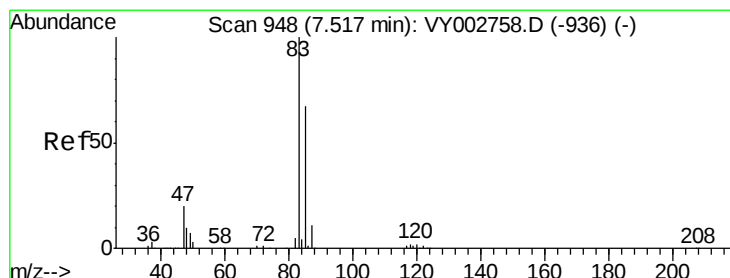
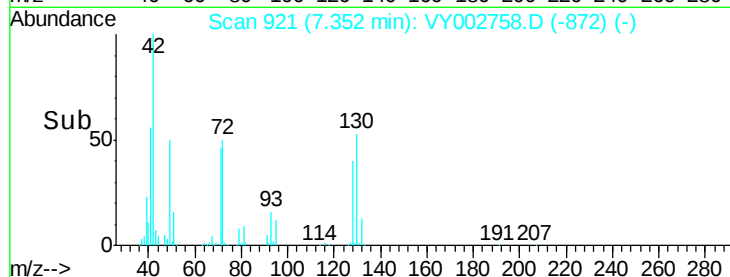
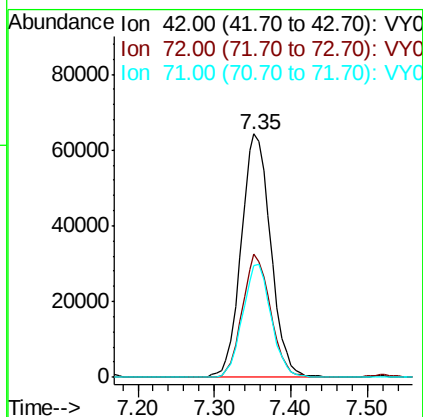
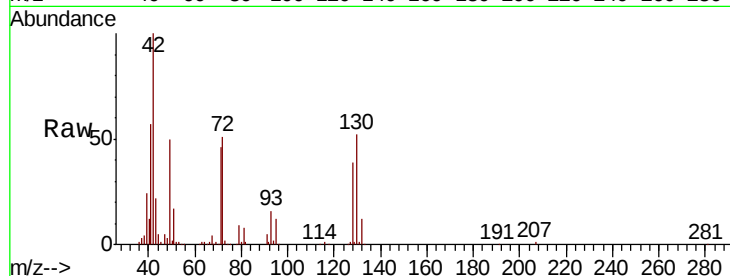




#29
Tetrahydrofuran
Concen: 282.444 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

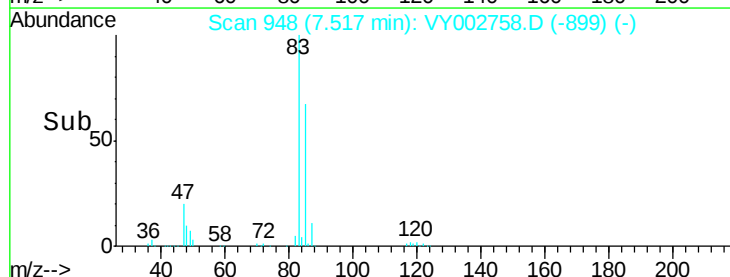
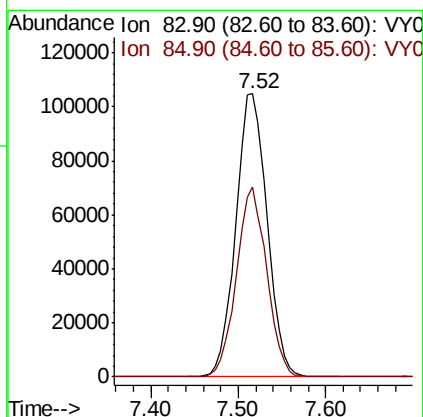
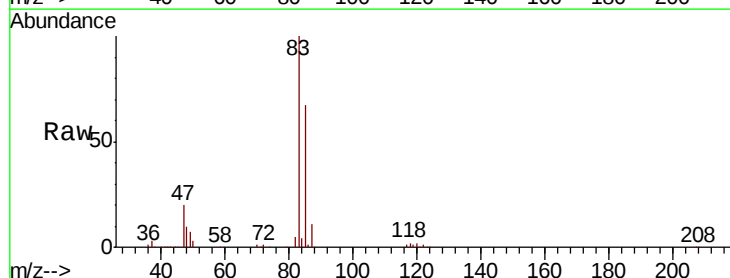
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

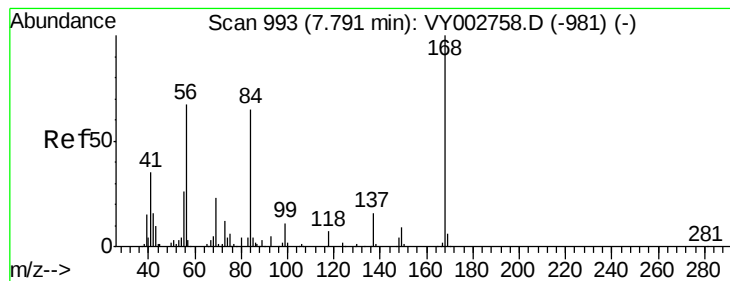
Tot Ion: 42 Resp: 172454
Ion Ratio Lower Upper
42 100
72 48.3 38.6 58.0
71 44.8 35.8 53.8



#30
Chloroform
Concen: 50.844 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

Tgt Ion: 83 Resp: 260701
Ion Ratio Lower Upper
83 100
85 67.3 53.8 80.8





#31

Cyclohexane

Concen: 46.267 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

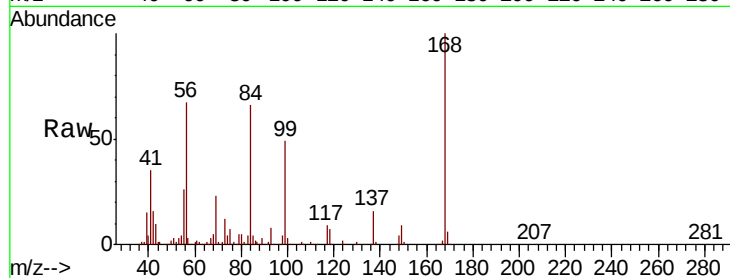
Tot Ion: 56 Resp: 230194

Ion Ratio Lower Upper

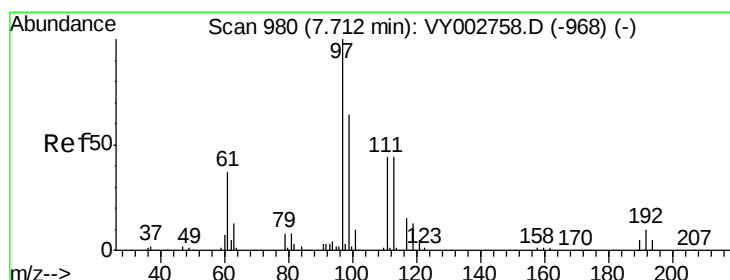
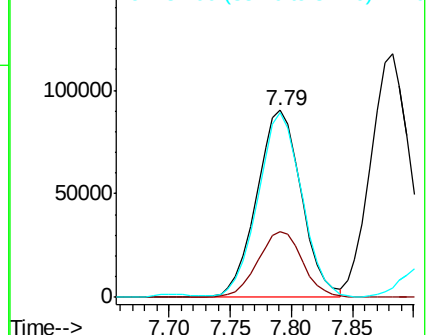
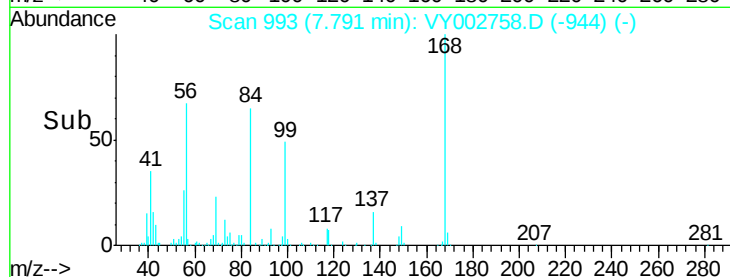
56 100

69 35.0 28.0 42.0

84 97.1 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 50.597 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

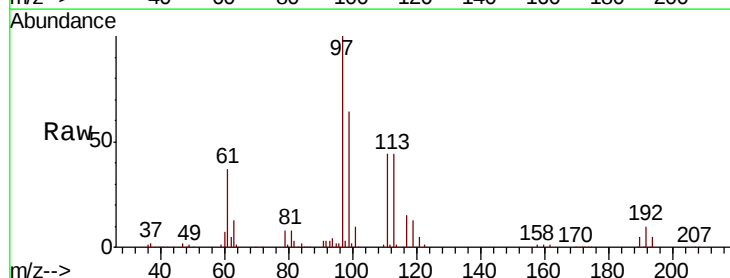
Tgt Ion: 97 Resp: 240119

Ion Ratio Lower Upper

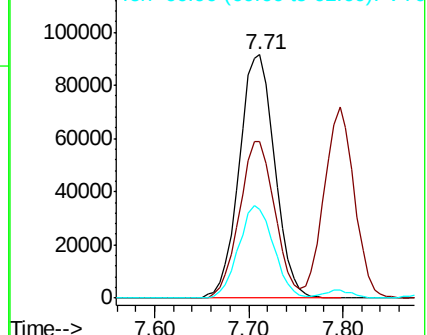
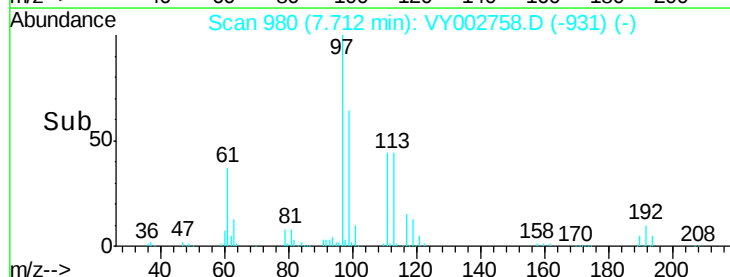
97 100

99 64.2 51.4 77.0

61 37.6 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

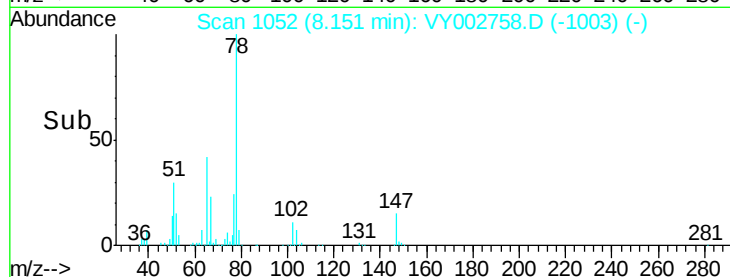
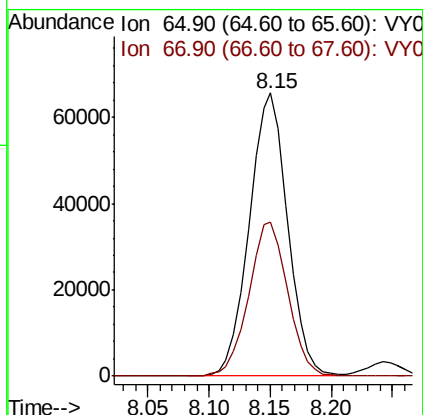
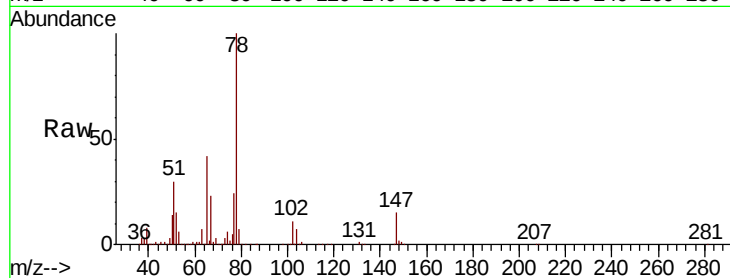




#33
 1,2-Dichloroethane-d4
 Concen: 54.503 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

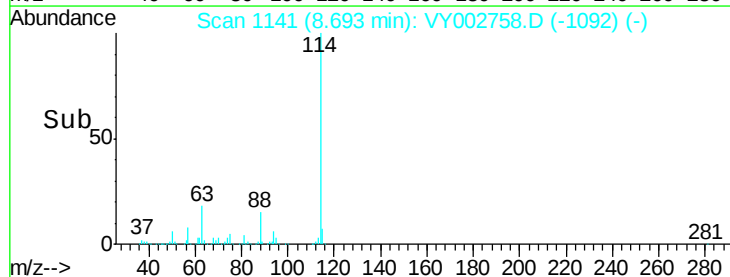
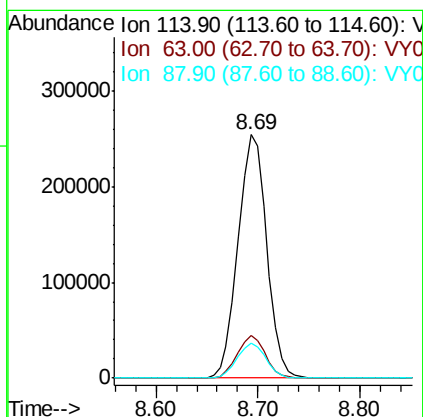
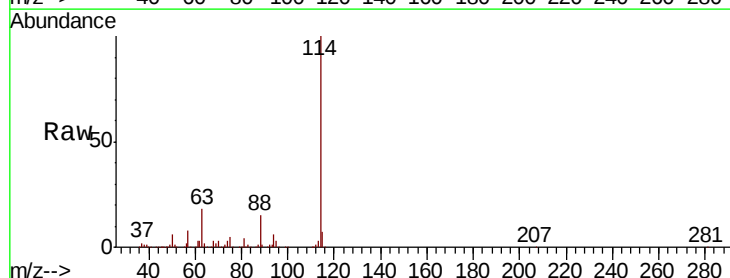
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 65 Resp: 142892
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Tgt Ion: 114 Resp: 494320
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.2
 88 14.6 0.0 29.2

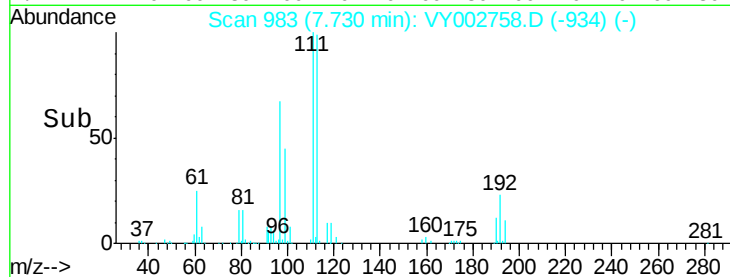
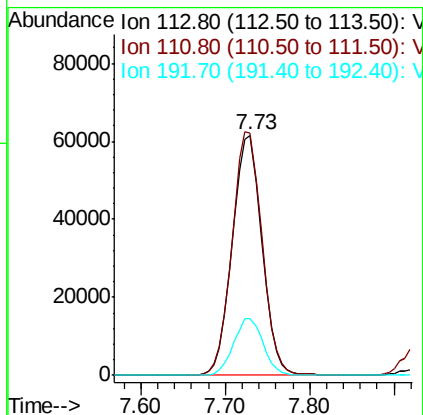
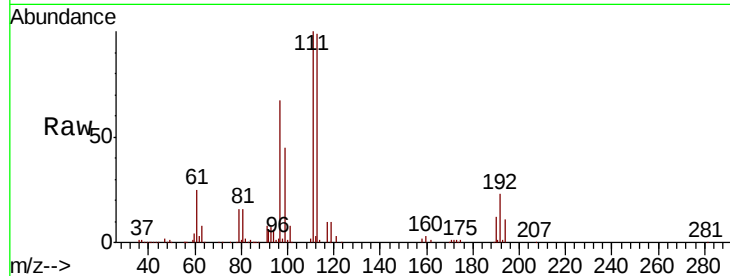




#35
 Dibromofluoromethane
 Concen: 53.245 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

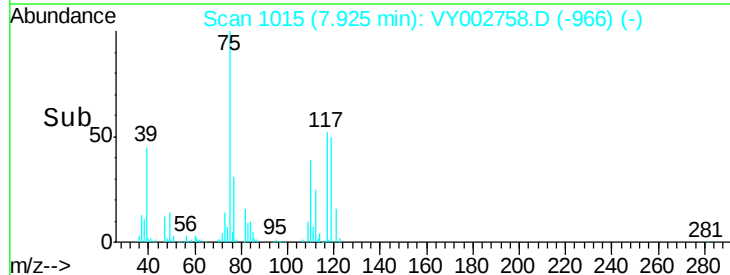
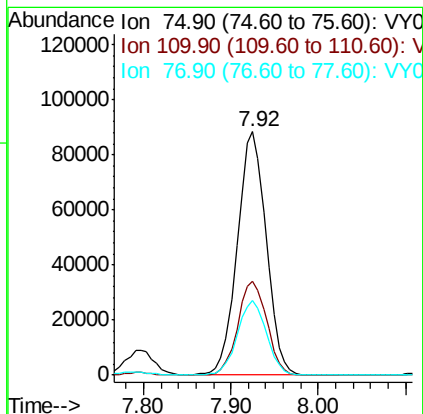
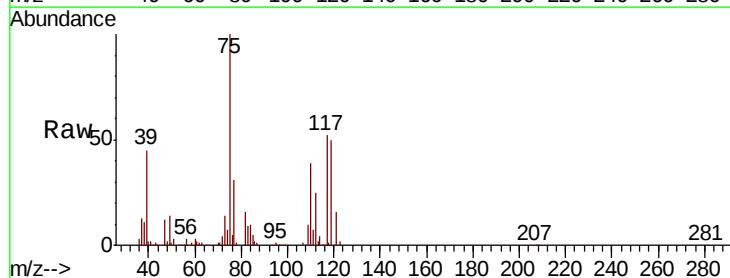
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

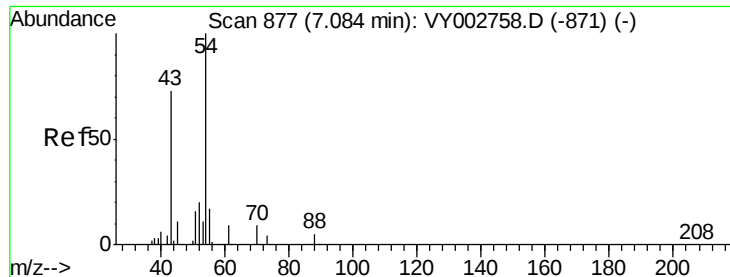
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	23.6	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 48.724 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.3	57.9
77	31.0	24.8	37.2

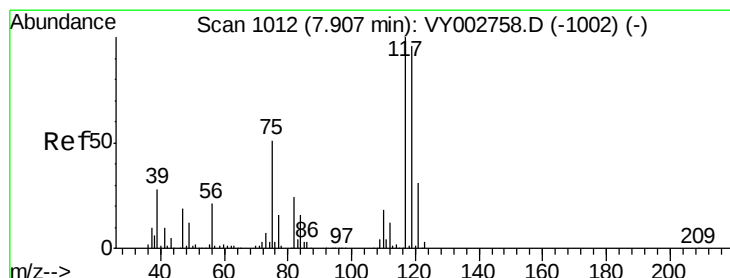
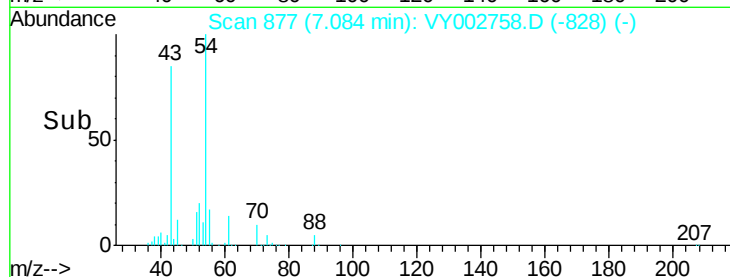
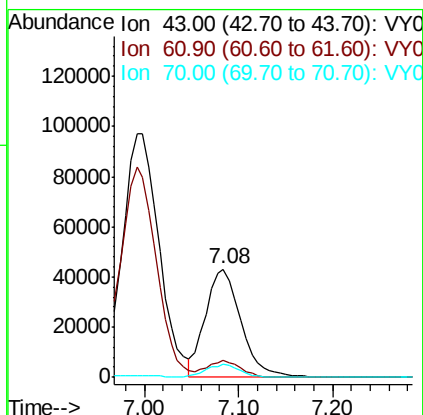
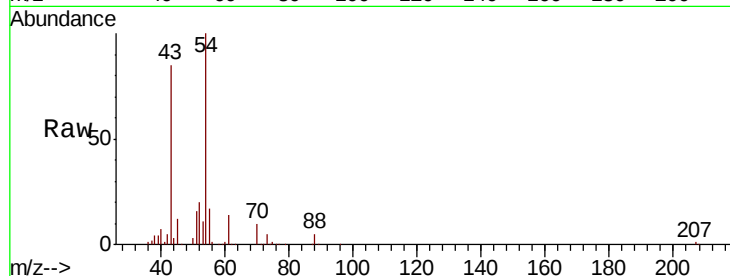




#37
Ethyl Acetate
Concen: 54.292 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

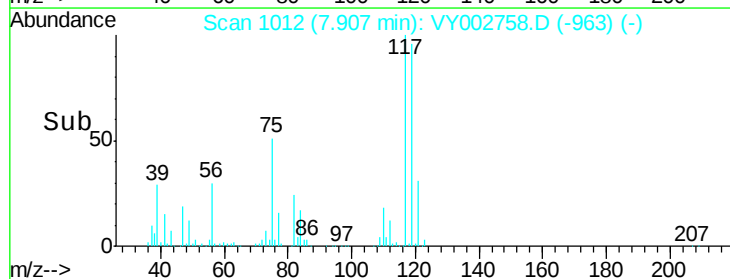
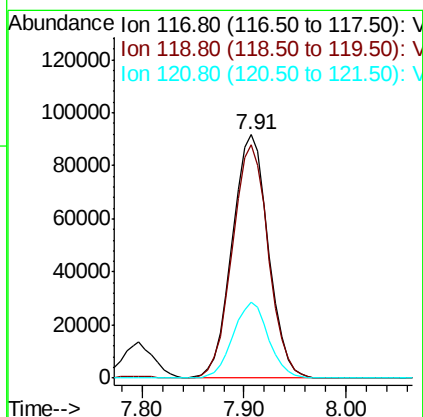
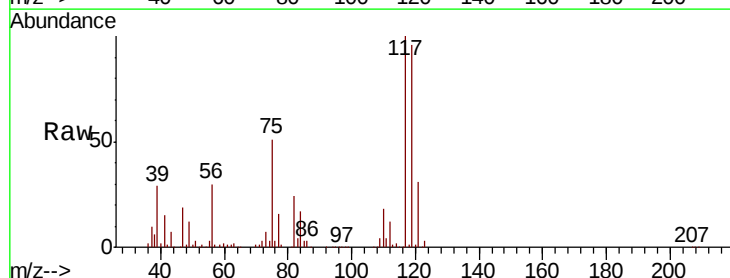
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

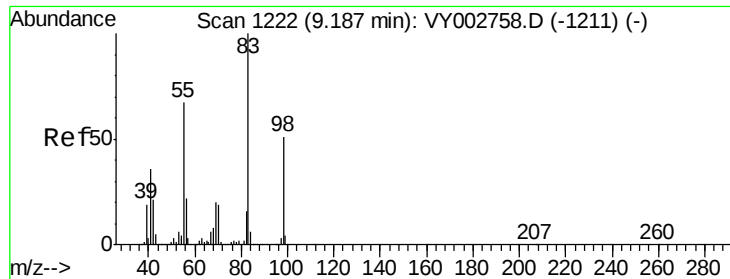
Tot Ion: 43 Resp: 112395
Ion Ratio Lower Upper
43 100
61 14.9 11.9 17.9
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 50.172 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

Tgt Ion: 117 Resp: 224959
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2
121 31.0 24.8 37.2

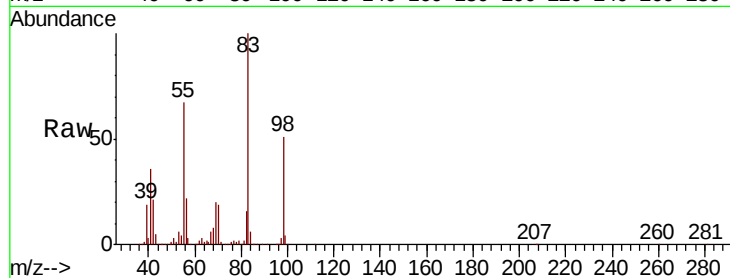




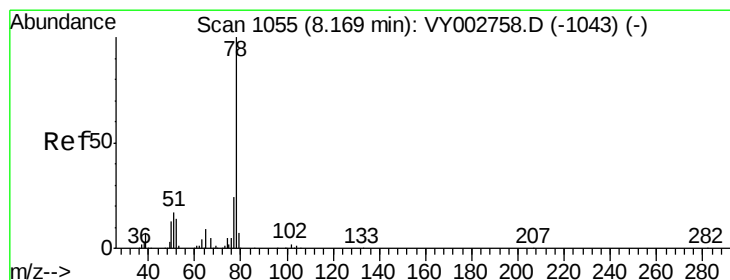
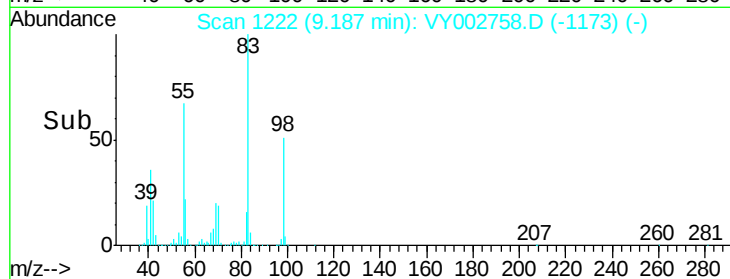
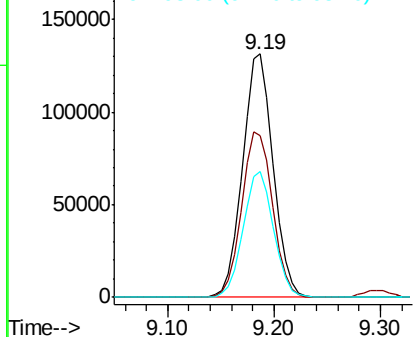
#39
Methvlcvclohexane
Concen: 47.518 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 264614
Ion Ratio Lower Upper
83 100
55 66.6 53.3 79.9
98 51.4 41.1 61.7

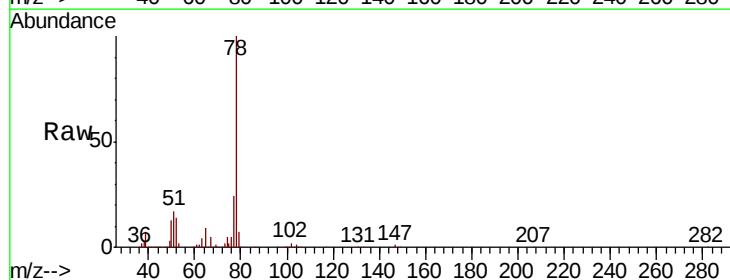


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

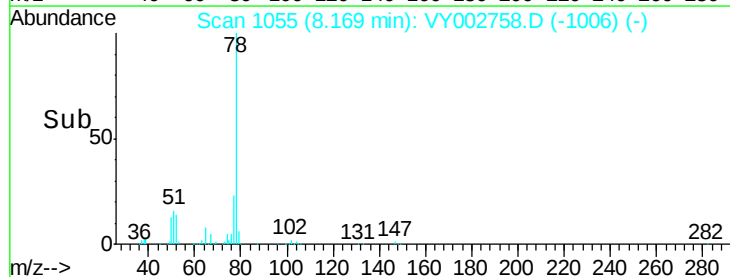
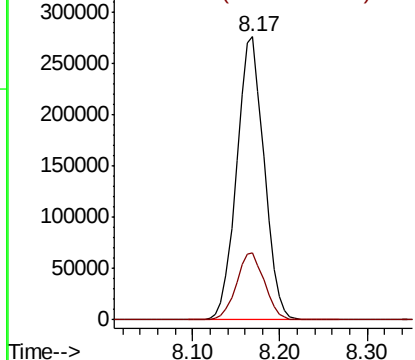


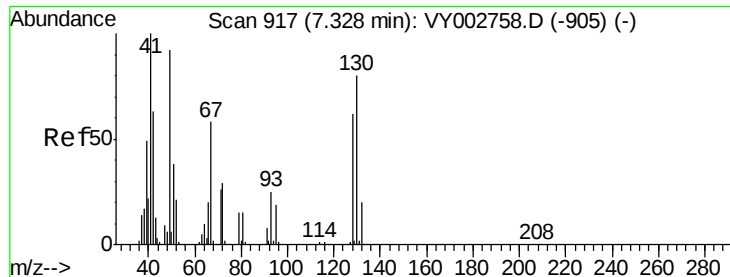
#40
Benzene
Concen: 49.446 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

Tgt Ion: 78 Resp: 600940
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



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

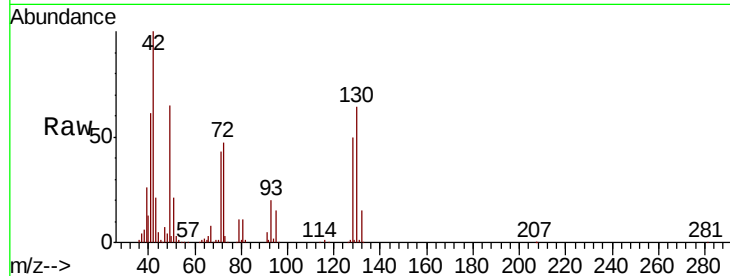




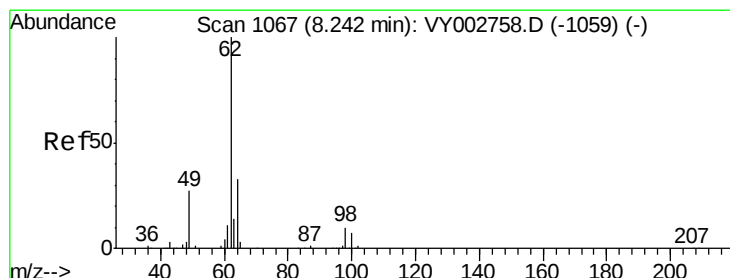
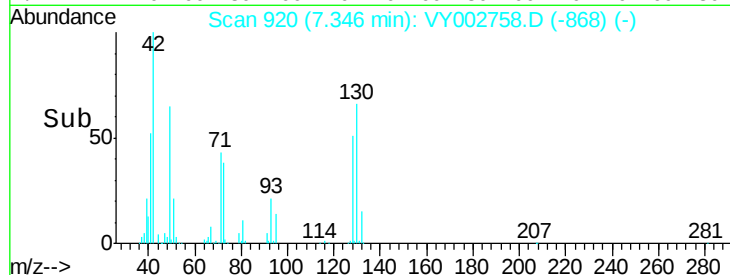
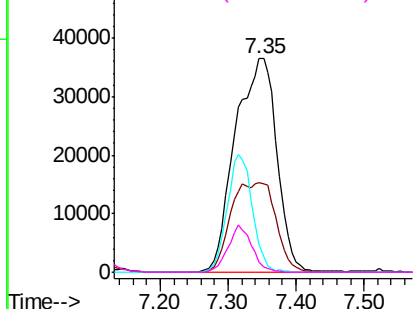
#41
Methacrylonitrile
Concen: 128.510 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 41 Resp: 155279
Ion Ratio Lower Upper
41 100
39 45.4 97.6 146.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

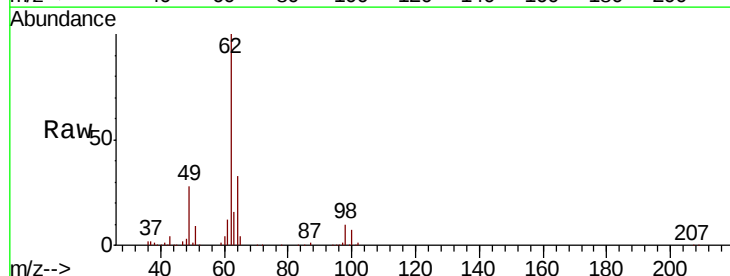


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

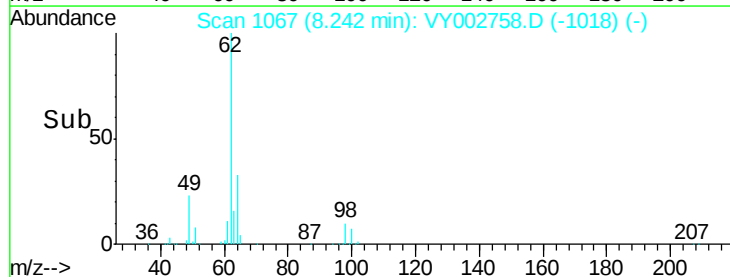
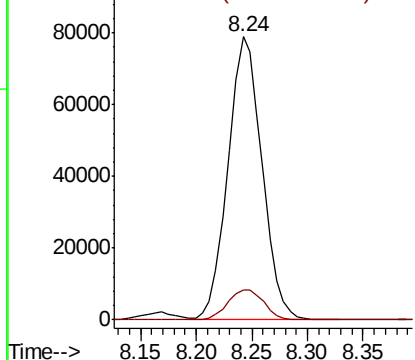


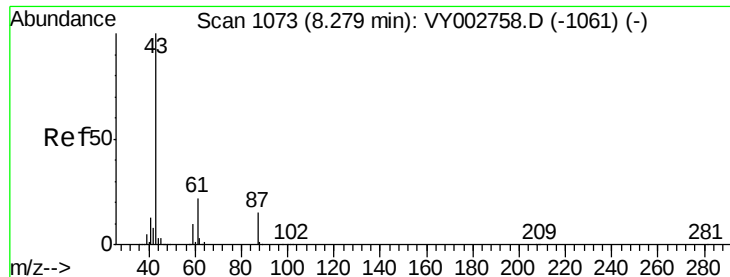
#42
1,2-Dichloroethane
Concen: 51.845 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

Tgt Ion: 62 Resp: 167381
Ion Ratio Lower Upper
62 100
98 11.3 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: 55.635 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

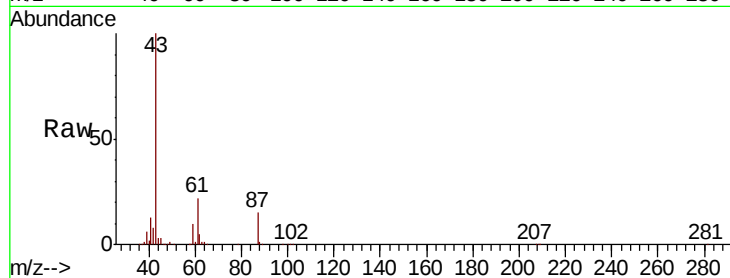
Tot Ion: 43 Resp: 215092

Ion Ratio Lower Upper

43 100

61 31.0 24.8 37.2

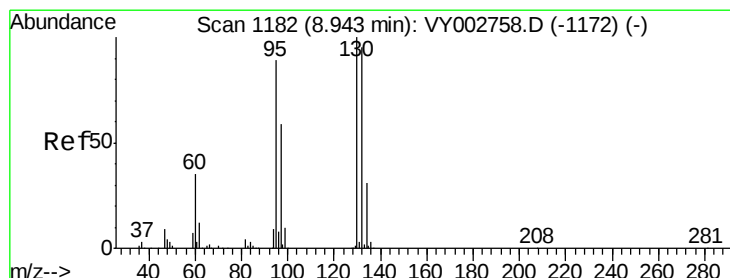
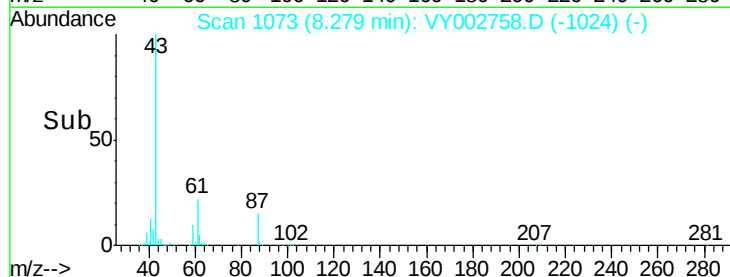
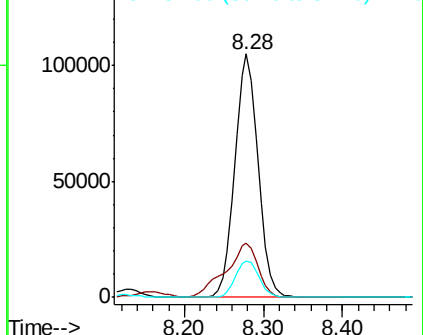
87 15.5 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002758.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002758.D (-1061) (-)



#44

Trichloroethene

Concen: 49.095 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002758.D

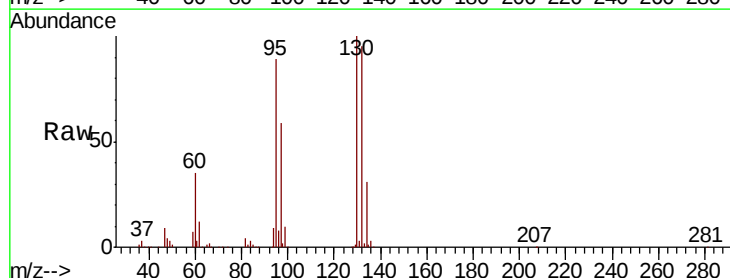
Acq: 27 May 2020 12:14

Tgt Ion:130 Resp: 189896

Ion Ratio Lower Upper

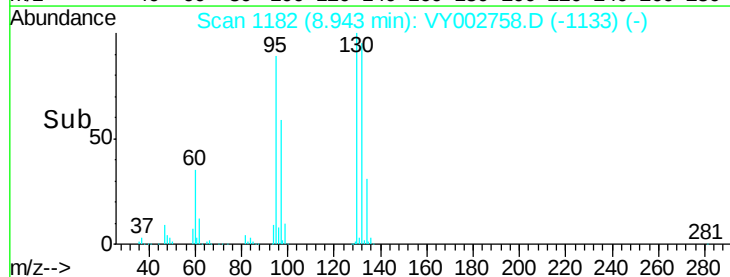
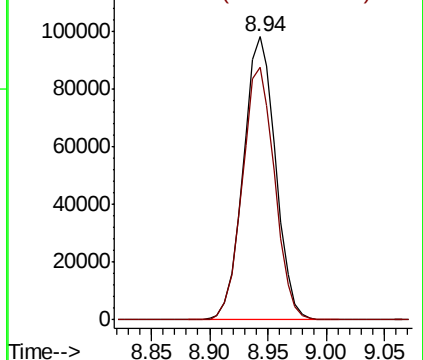
130 100

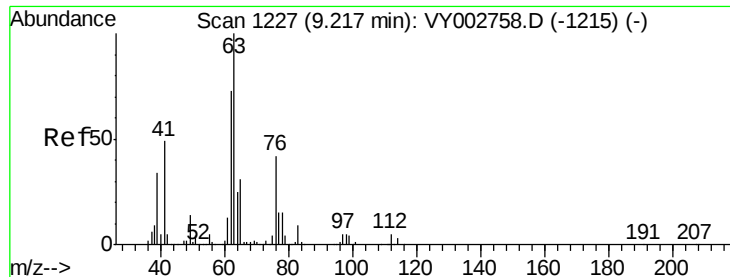
95 89.4 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002758.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY002758.D (-1172) (-)





#45

1,2-Dichloropropane

Concen: 50.088 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

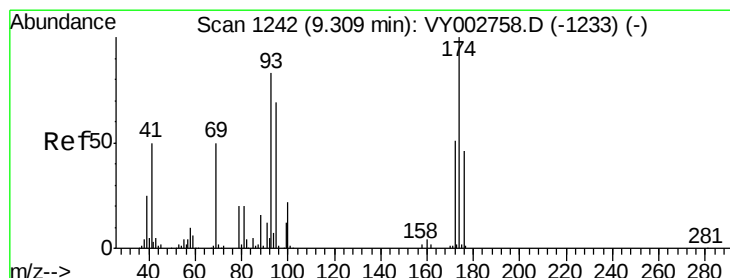
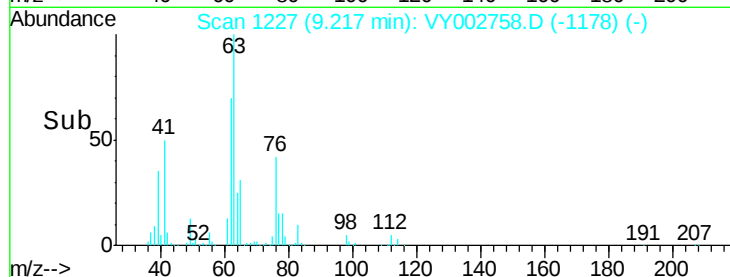
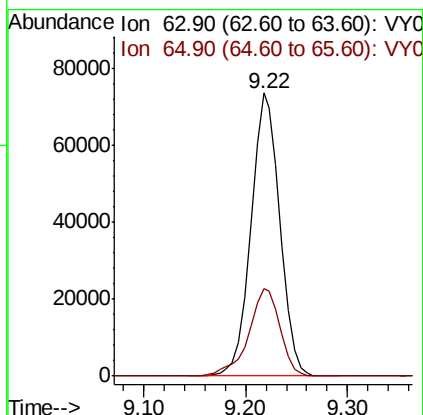
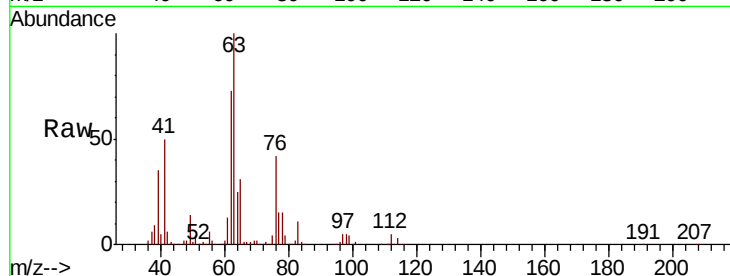
VSTDICCC050

Tot Ion: 63 Resp: 145152

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 52.915 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

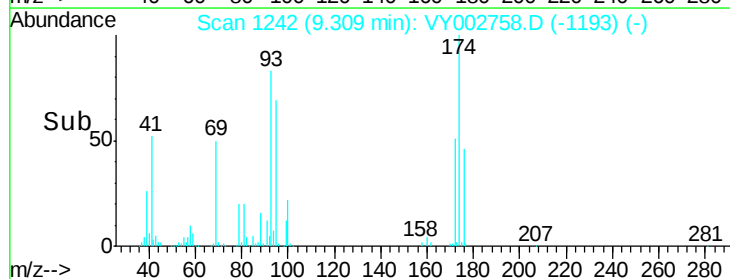
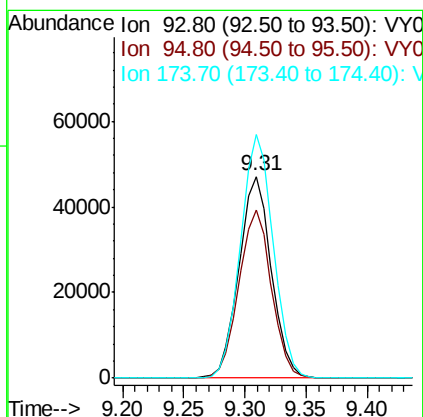
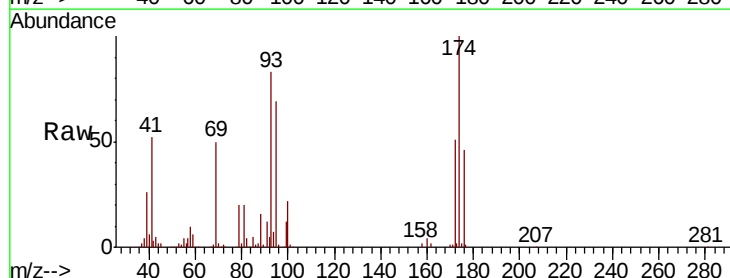
Tgt Ion: 93 Resp: 86508

Ion Ratio Lower Upper

93 100

95 83.6 66.9 100.3

174 122.1 97.7 146.5





#47

Bromodichloromethane

Concen: 51.802 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

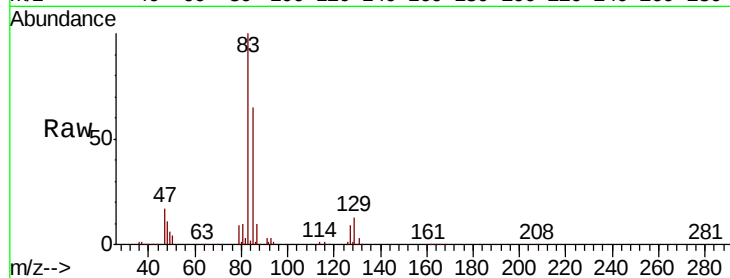
Tot Ion: 83 Resp: 205908

Ion Ratio Lower Upper

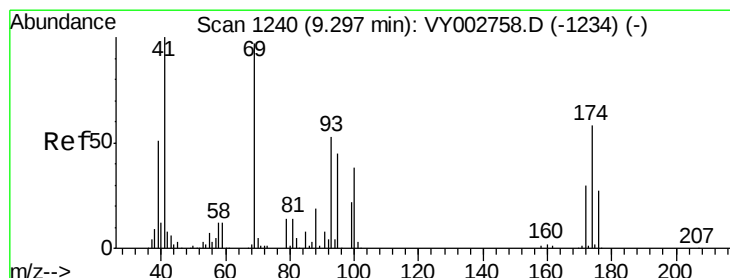
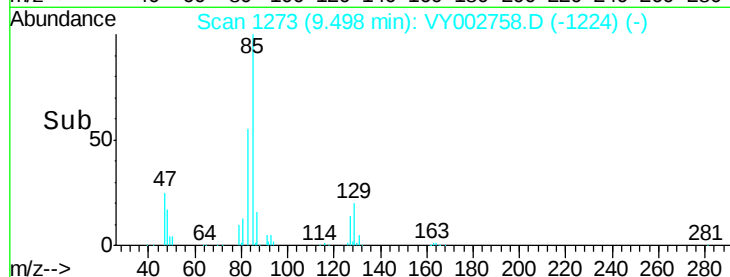
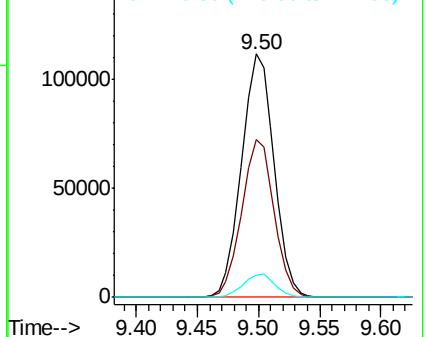
83 100

85 64.9 51.9 77.9

127 8.9 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): V



#48

Methyl methacrylate

Concen: 54.405 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

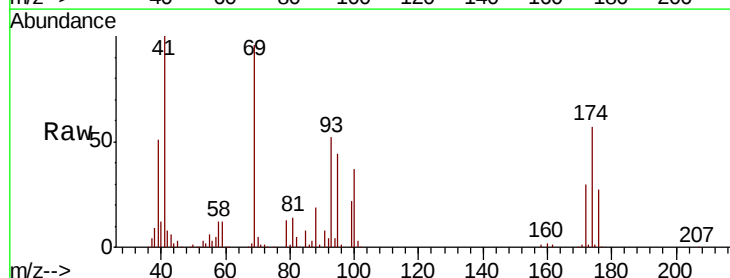
Tgt Ion: 41 Resp: 96468

Ion Ratio Lower Upper

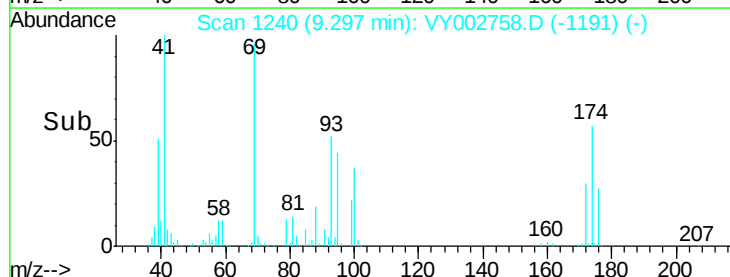
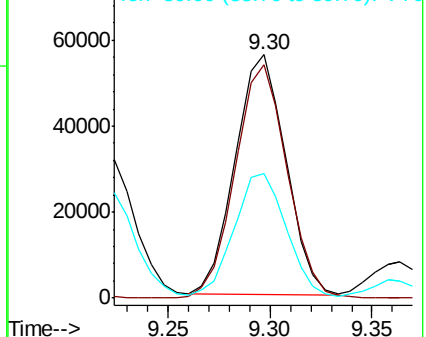
41 100

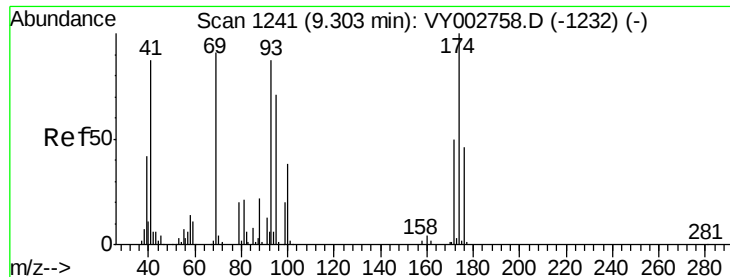
69 99.6 79.7 119.5

39 54.1 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

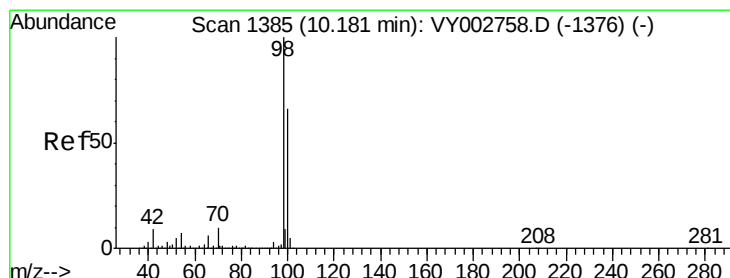
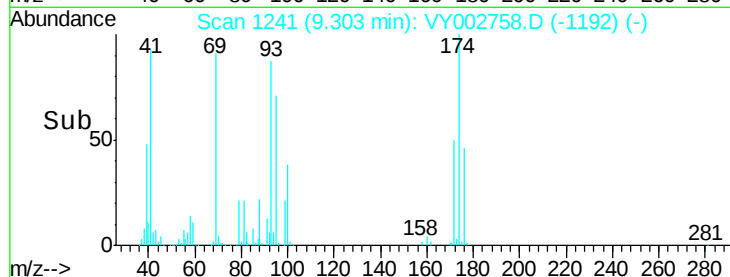
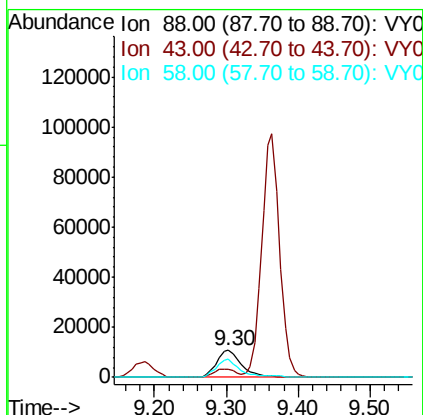
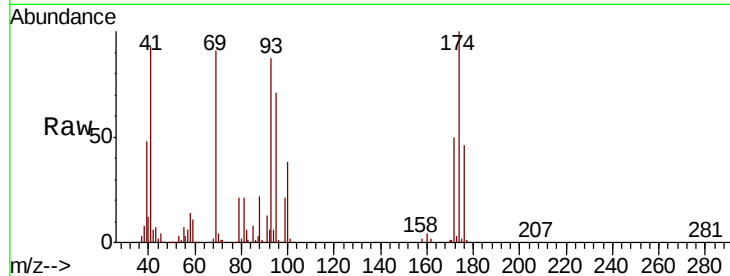




#49
1,4-Dioxane
Concen: 1164.348 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

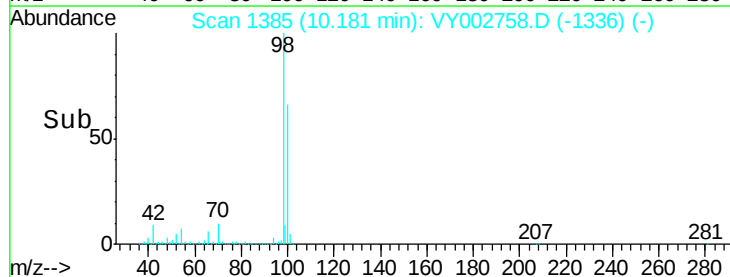
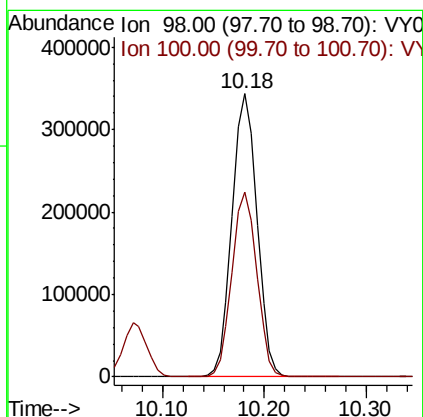
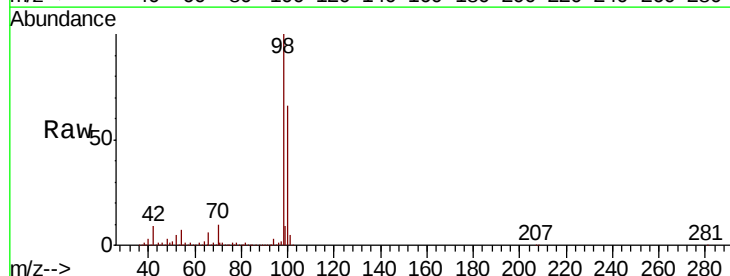
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

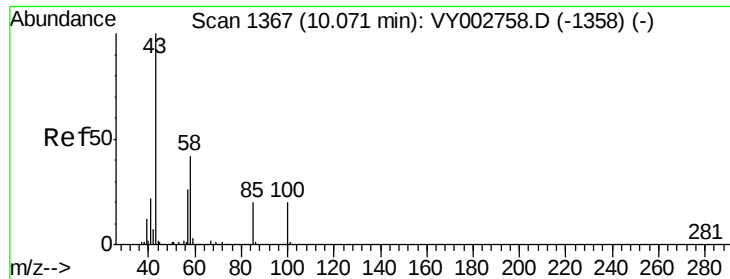
Tot Ion: 88 Resp: 26563
Ion Ratio Lower Upper
88 100
43 26.6 21.3 31.9
58 65.2 52.2 78.2



#50
Toluene-d8
Concen: 52.443 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

Tgt Ion: 98 Resp: 579634
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2

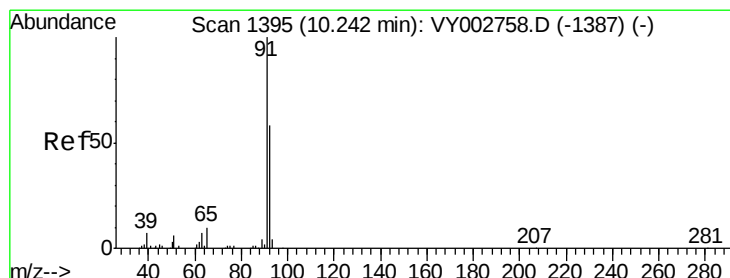
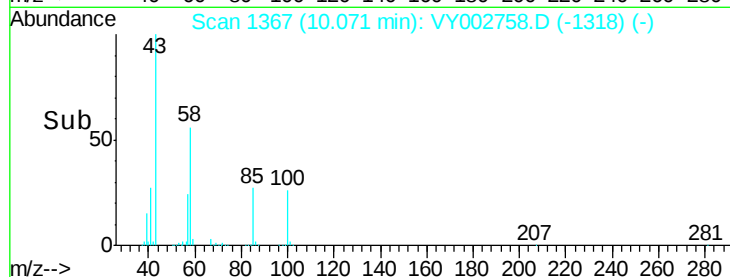
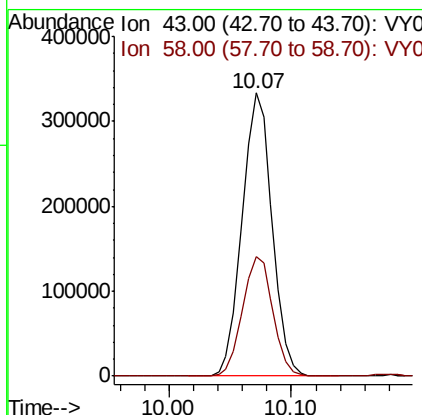
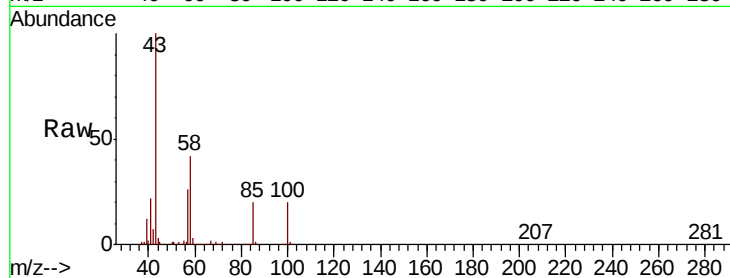




#51
4-Methyl-2-Pentanone
Concen: 282.913 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

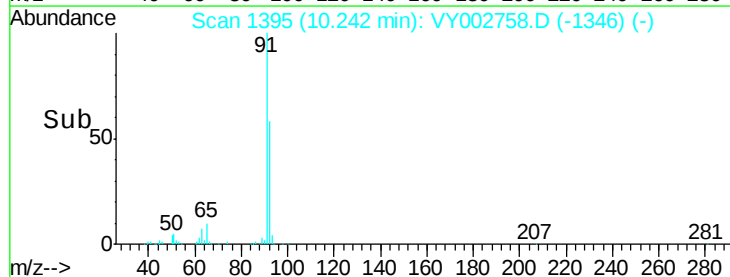
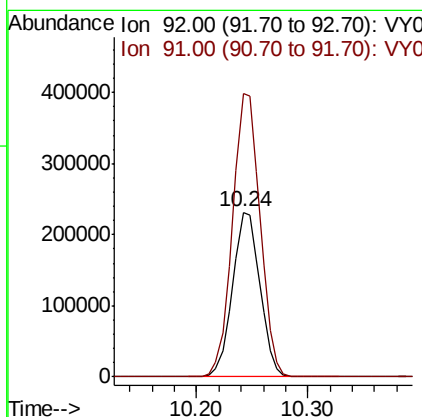
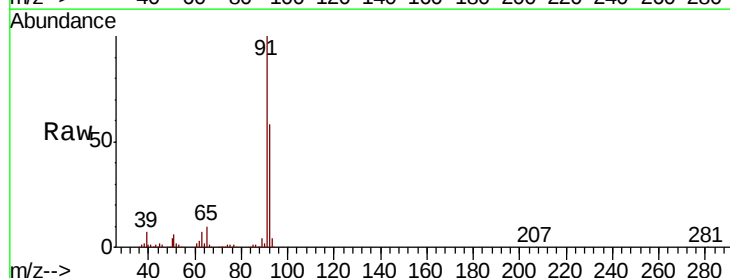
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

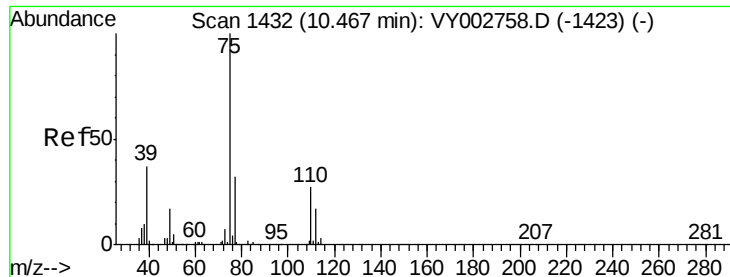
Tot Ion: 43 Resp: 566747
Ion Ratio Lower Upper
43 100
58 42.7 34.2 51.2



#52
Toluene
Concen: 50.005 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

Tgt Ion: 92 Resp: 394505
Ion Ratio Lower Upper
92 100
91 173.1 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 52.673 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

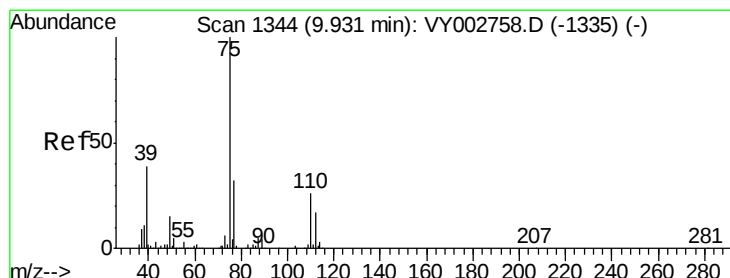
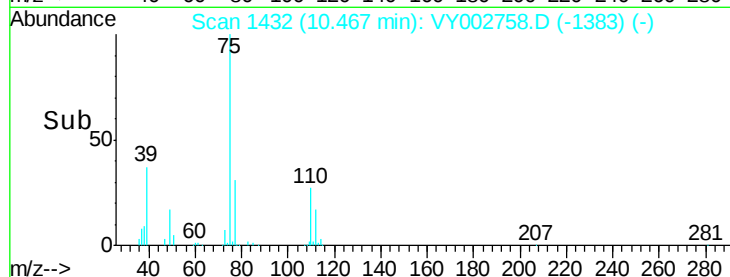
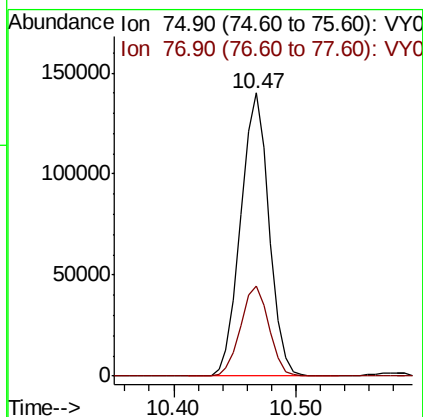
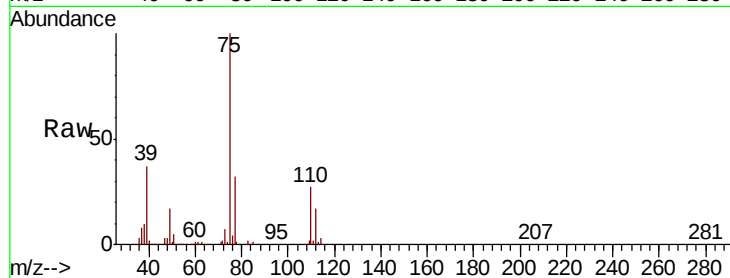
VSTDICCC050

Tot Ion: 75 Resp: 224493

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 51.629 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

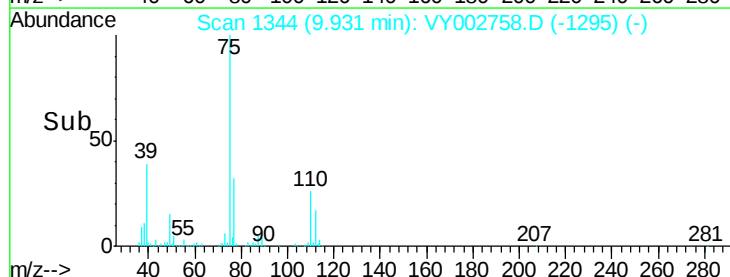
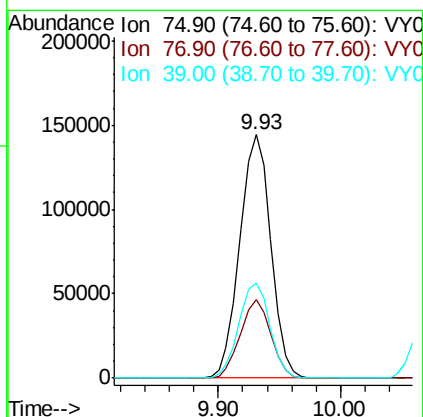
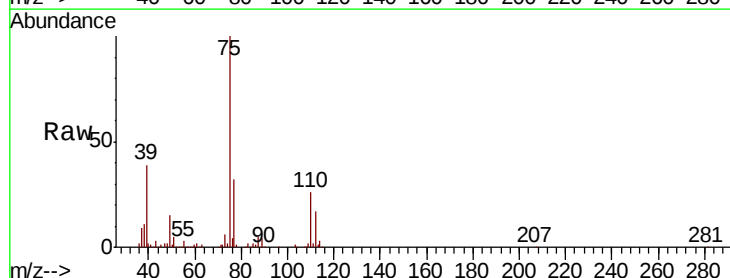
Tgt Ion: 75 Resp: 253916

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

39 39.1 31.3 46.9

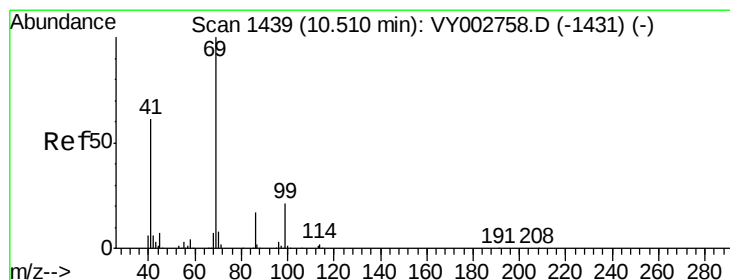
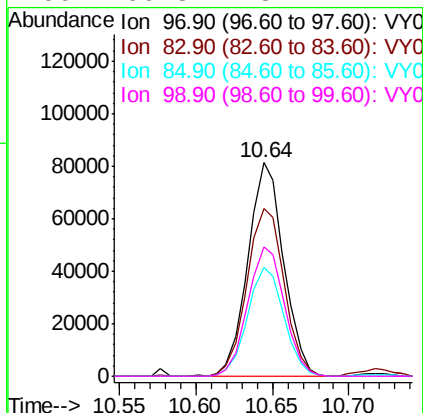
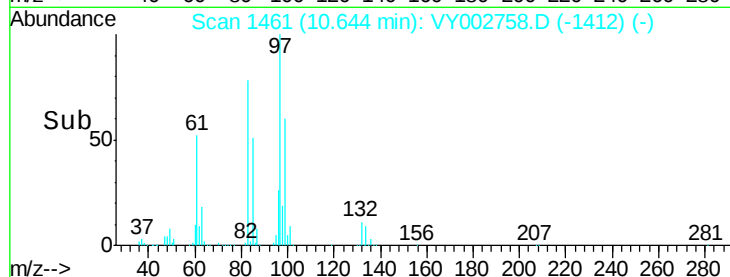
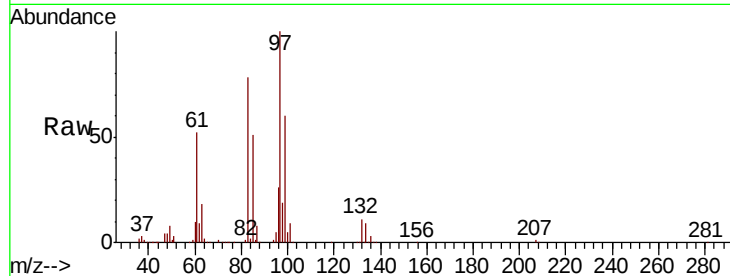




#55
 1,1,2-Trichloroethane
 Concen: 54.063 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

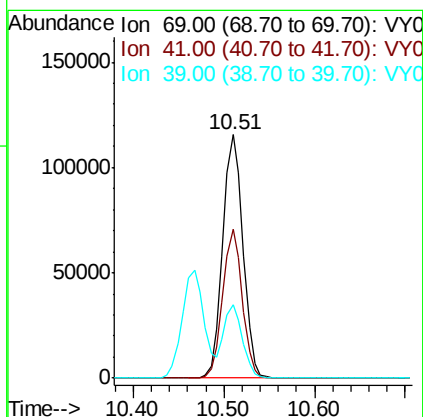
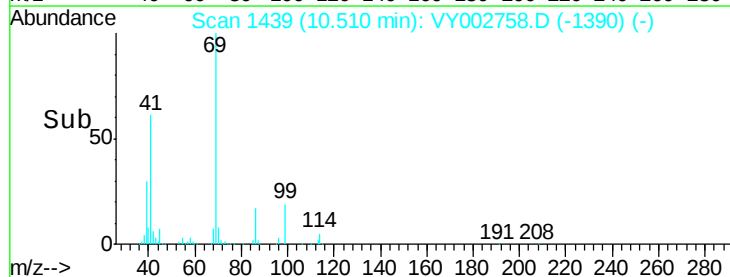
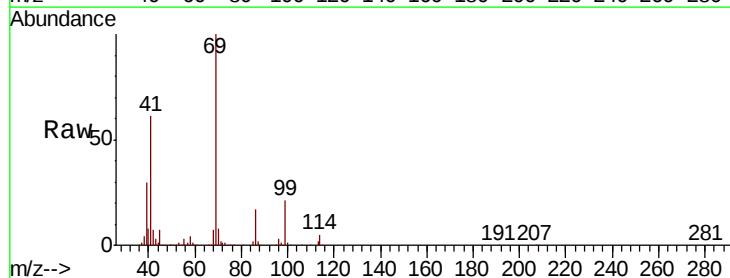
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	132670
Ion	Ratio	Lower	Upper
97	100		
83	78.4	62.7	94.1
85	50.7	40.6	60.8
99	60.3	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 55.296 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Tgt Ion:	69	Resp:	180033
Ion	Ratio	Lower	Upper
69	100		
41	58.7	47.0	70.4
39	27.5	22.0	33.0





#57

1,3-Dichloropropane

Concen: 52.950 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

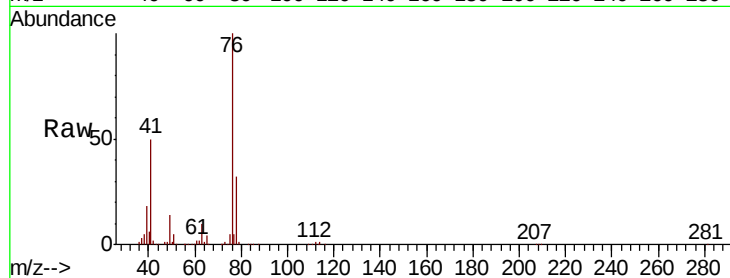
VSTDICCC050

Tot Ion: 76 Resp: 216189

Ion Ratio Lower Upper

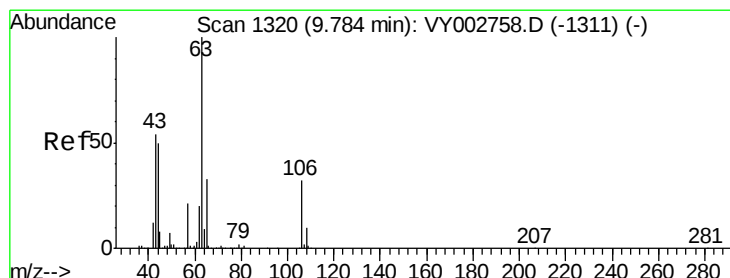
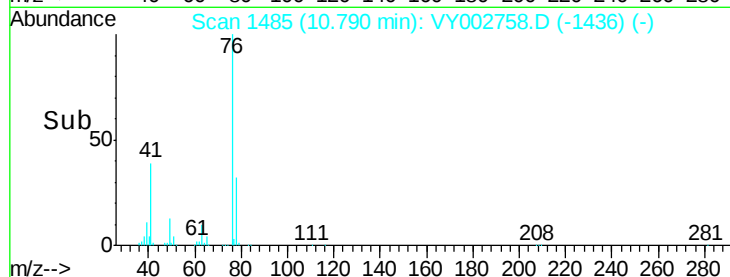
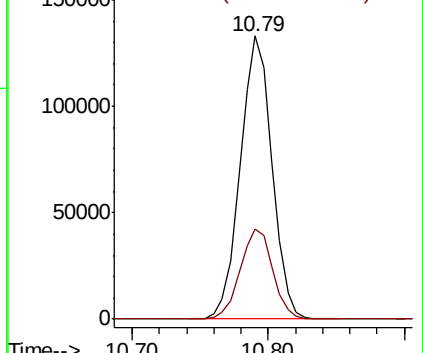
76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 266.605 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002758.D

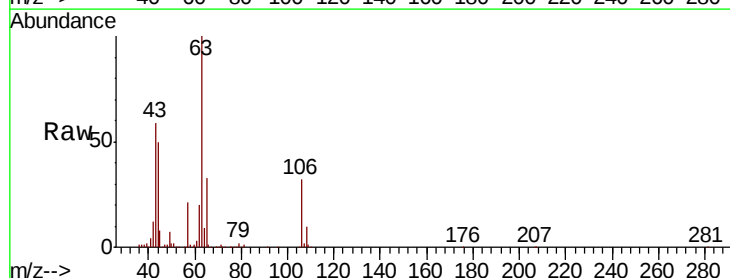
Acq: 27 May 2020 12:14

Tgt Ion: 63 Resp: 426257

Ion Ratio Lower Upper

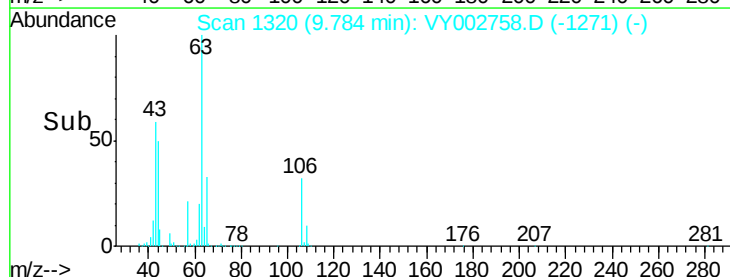
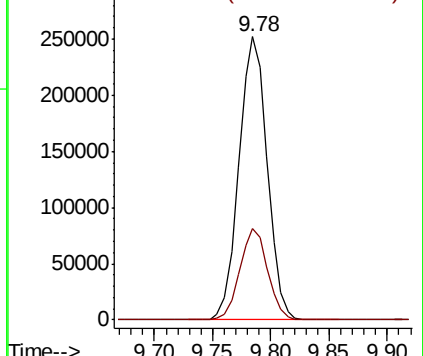
63 100

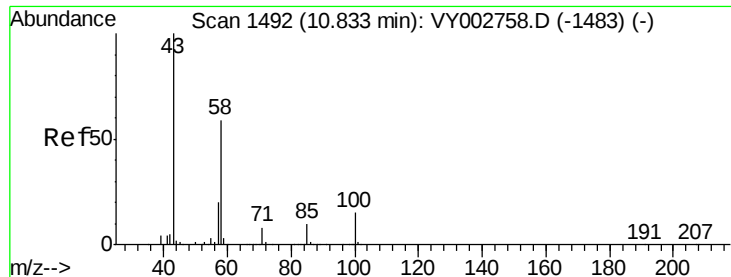
106 31.8 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

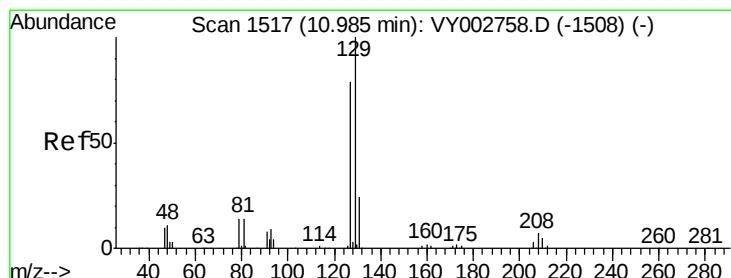
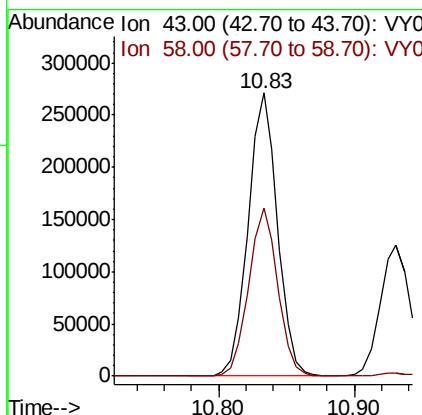
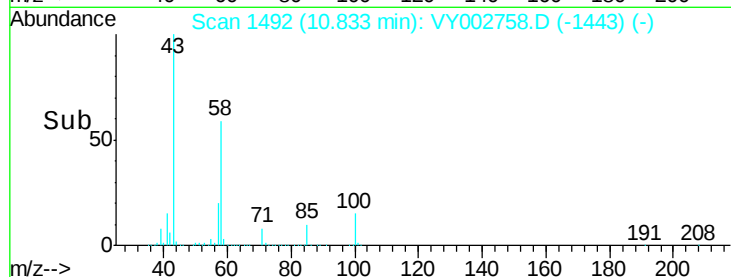
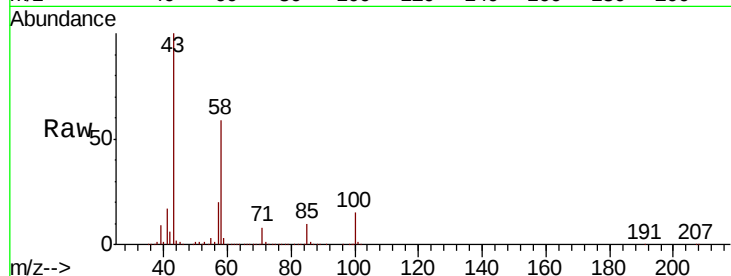




#59
2-Hexanone
Concen: 291.646 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

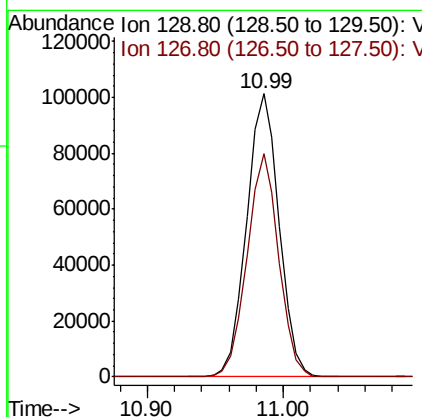
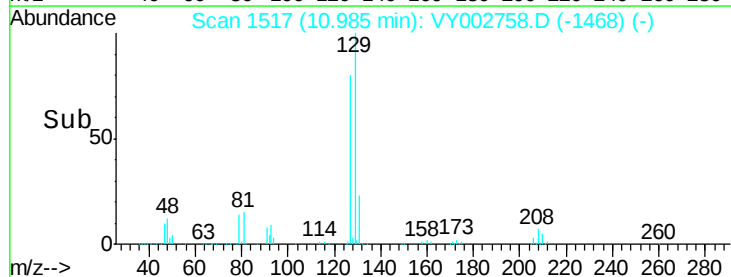
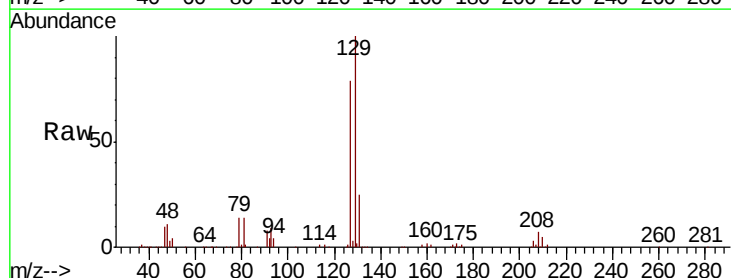
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

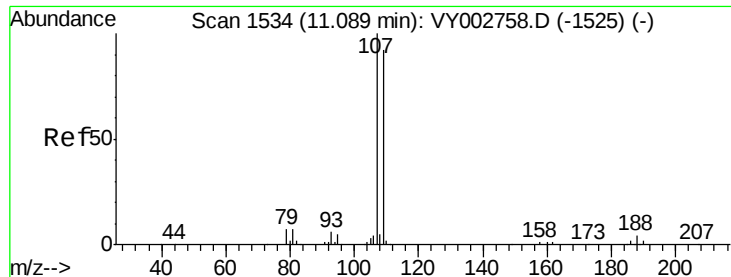
Tot Ion: 43 Resp: 409270
Ion Ratio Lower Upper
43 100
58 59.0 29.5 88.5



#60
Dibromochloromethane
Concen: 54.104 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

Tgt Ion: 129 Resp: 168762
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3

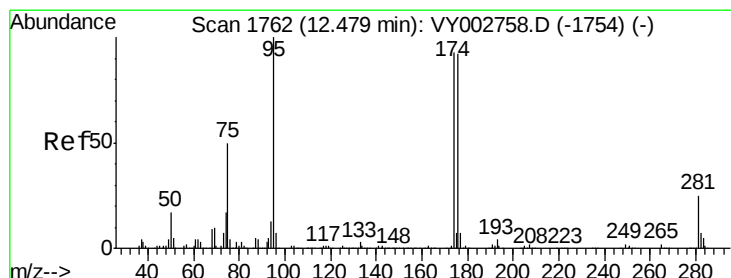
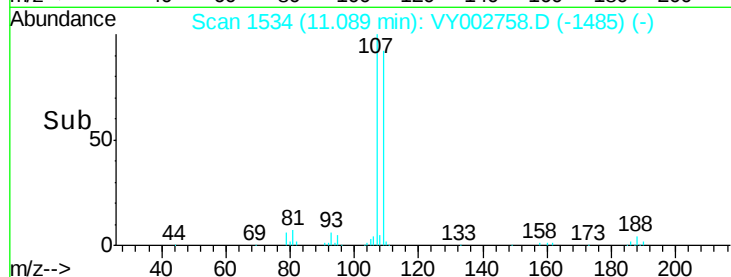
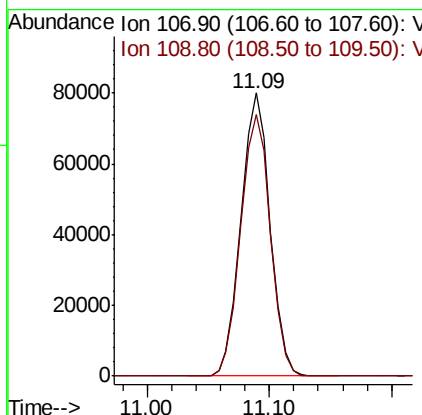
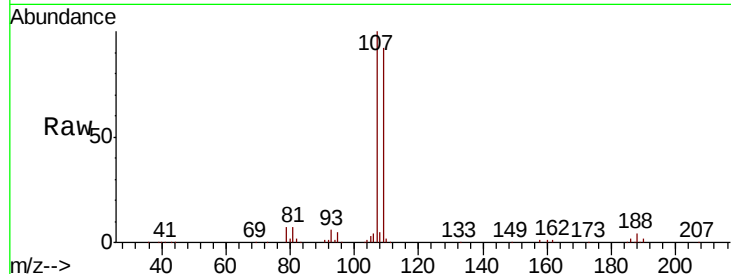




#61
 1,2-Dibromoethane
 Concen: 54.438 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

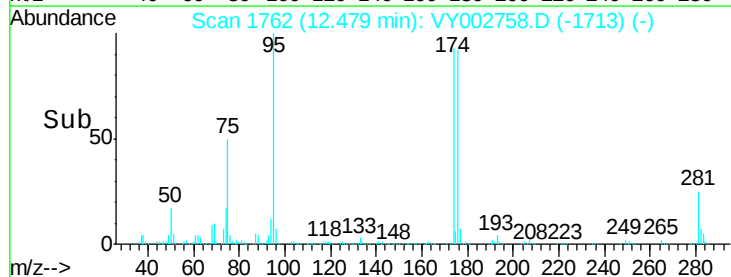
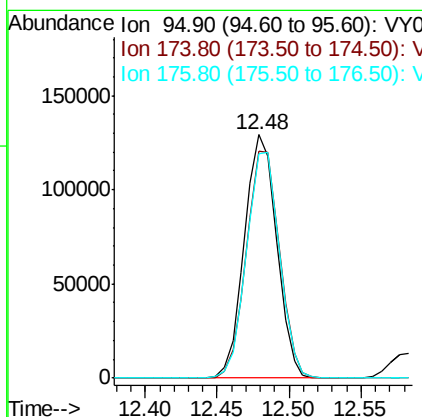
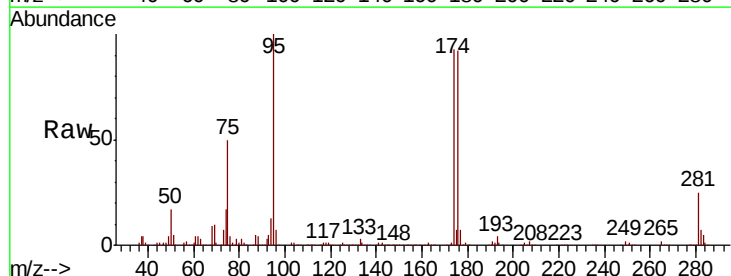
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

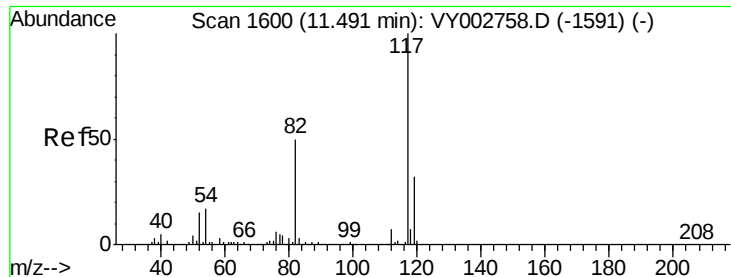
Tot Ion:107 Resp: 131376
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 52.520 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Tgt Ion: 95 Resp: 200247
 Ion Ratio Lower Upper
 95 100
 174 95.6 0.0 191.2
 176 94.4 0.0 188.8

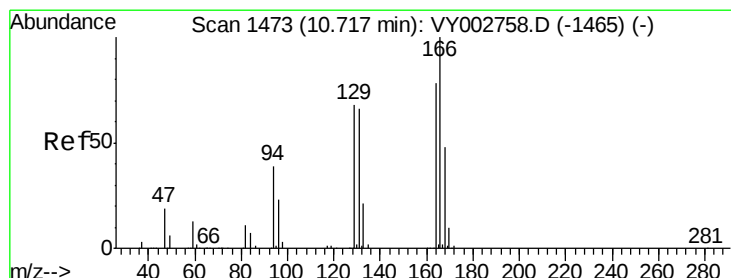
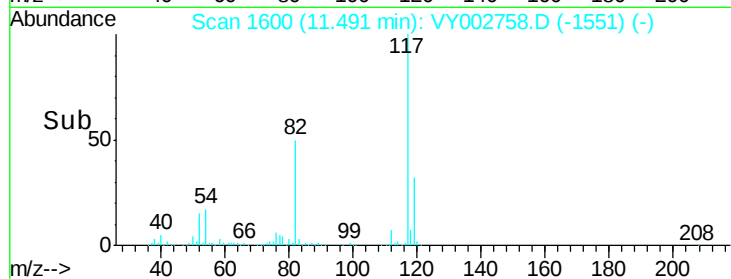
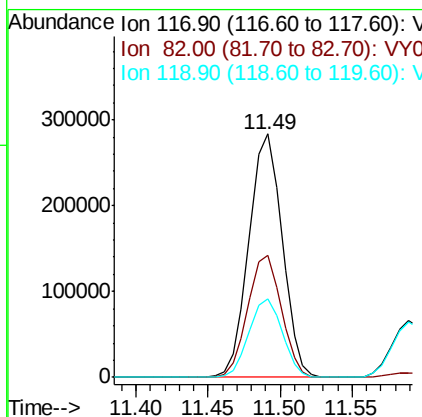
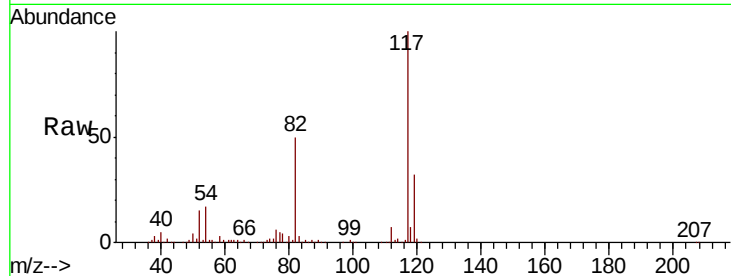




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

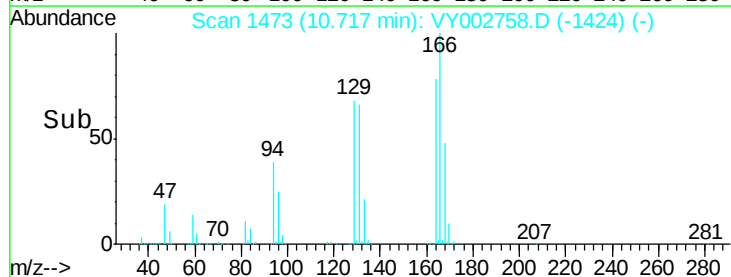
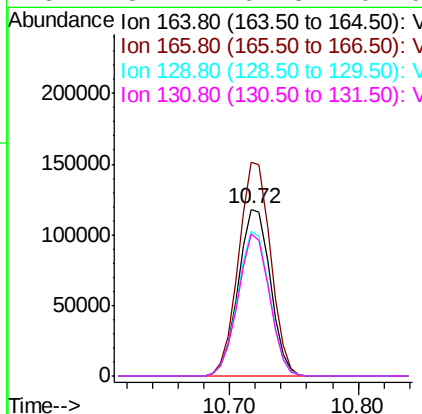
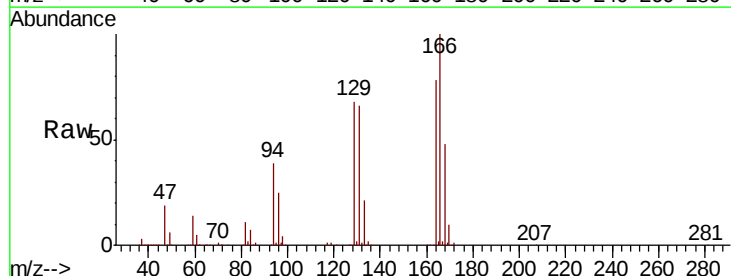
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

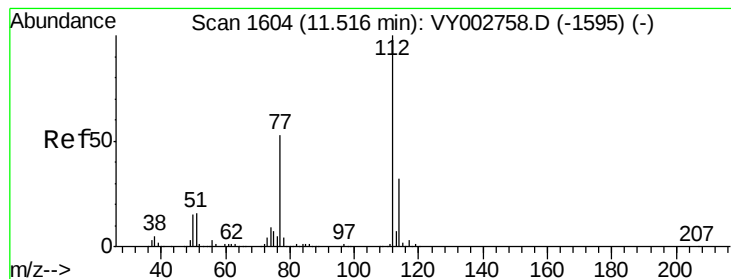
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.2	60.4
119	32.3	25.8	38.8



#64
Tetrachloroethene
Concen: 47.546 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	102.3	153.5
129	86.8	69.4	104.2
131	84.7	67.8	101.6





#65

Chlorobenzene

Concen: 50.021 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

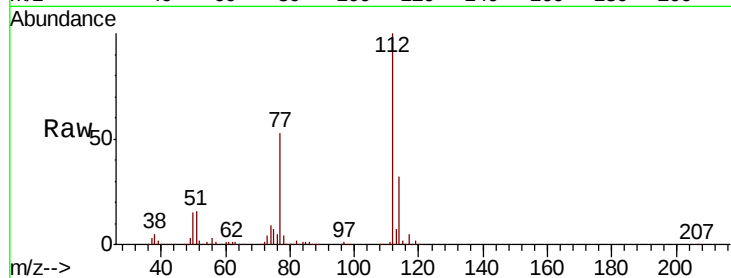
VSTDICCC050

Tot Ion:112 Resp: 439757

Ion Ratio Lower Upper

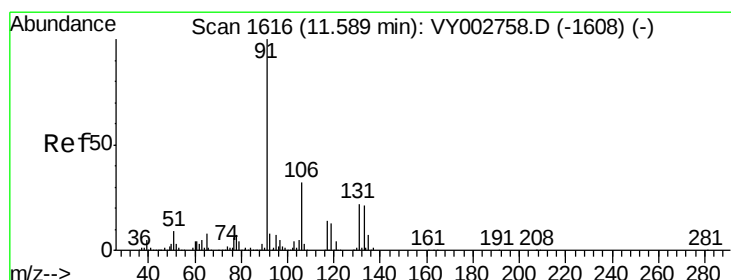
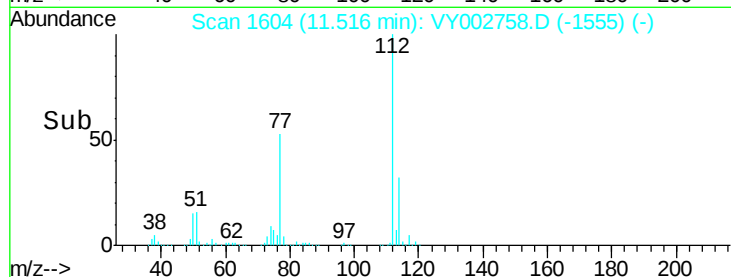
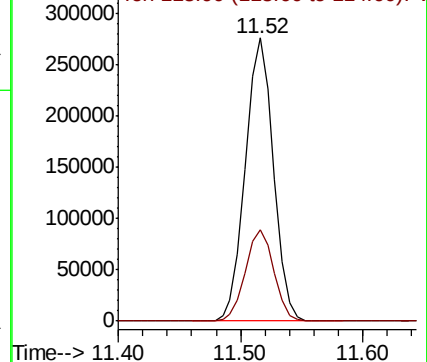
112 100

114 32.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.546 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

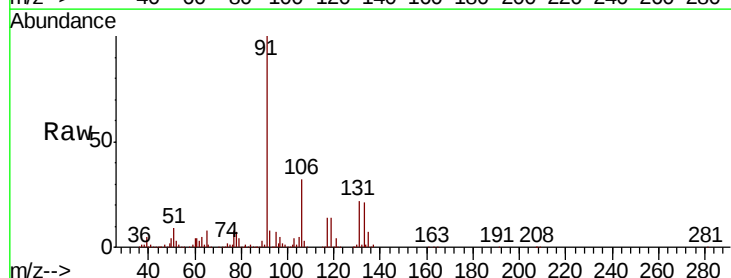
Tgt Ion:131 Resp: 168819

Ion Ratio Lower Upper

131 100

133 95.2 47.6 142.8

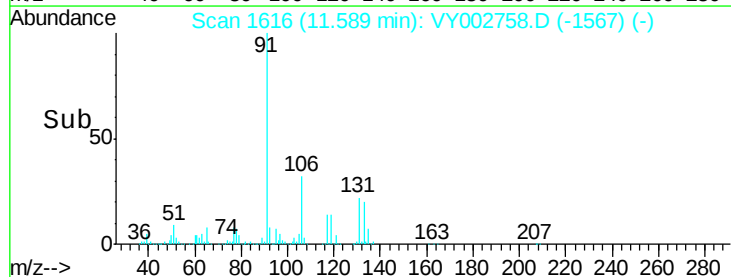
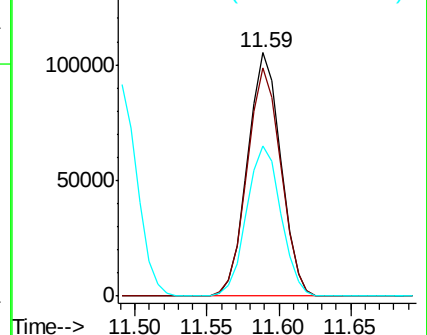
119 63.4 31.7 95.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.411 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

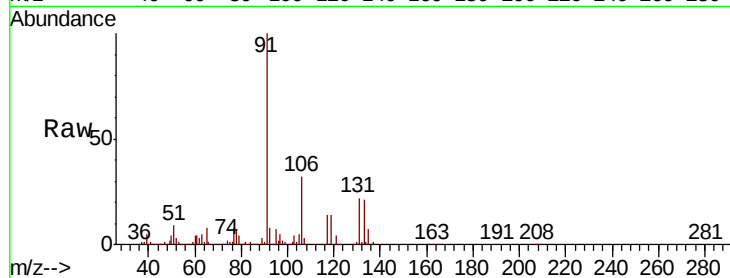
VSTDICCC050

Tot Ion: 91 Resp: 760837

Ion Ratio Lower Upper

91 100

106 32.1 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1608) (-)

Ion 106.00 (105.70 to 106.70): VY002758.D (-1608) (-)

600000

400000

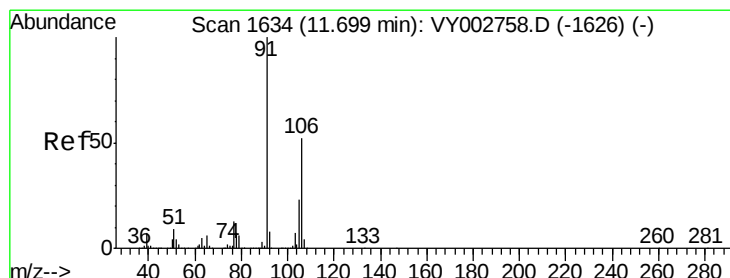
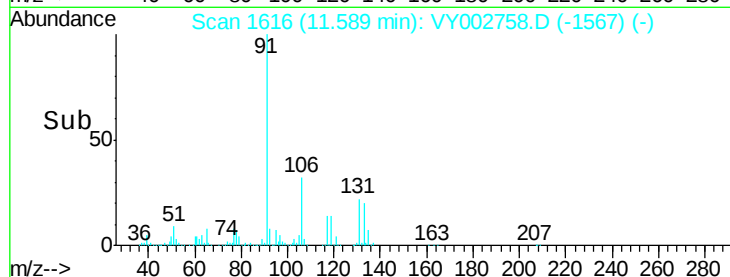
200000

0

11.59

11.60

Time-->



#68

m/p-Xylenes

Concen: 99.082 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002758.D

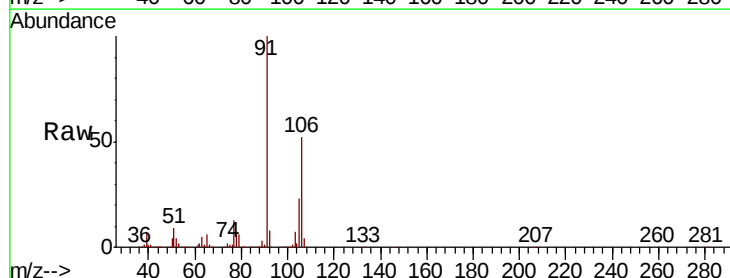
Acq: 27 May 2020 12:14

Tgt Ion: 106 Resp: 593699

Ion Ratio Lower Upper

106 100

91 195.0 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): VY002758.D (-1626) (-)

Ion 91.00 (90.70 to 91.70): VY002758.D (-1626) (-)

600000

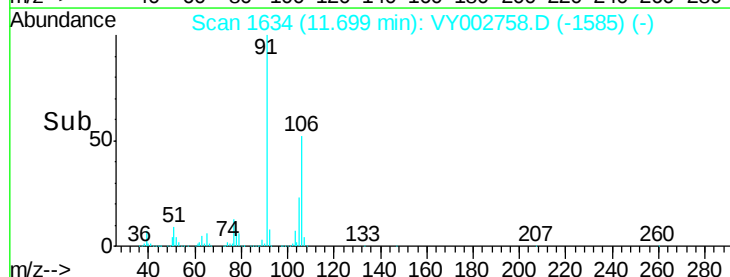
400000

200000

0

11.70

Time-->

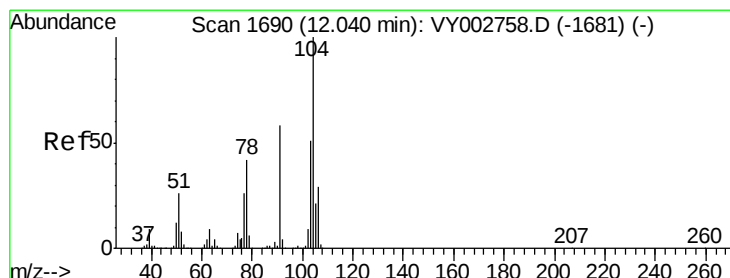
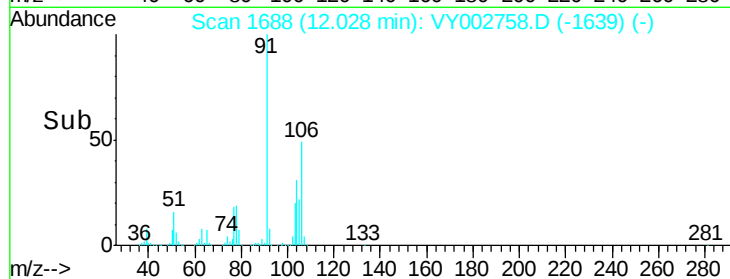
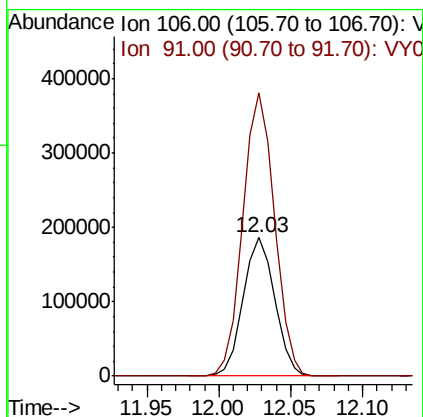
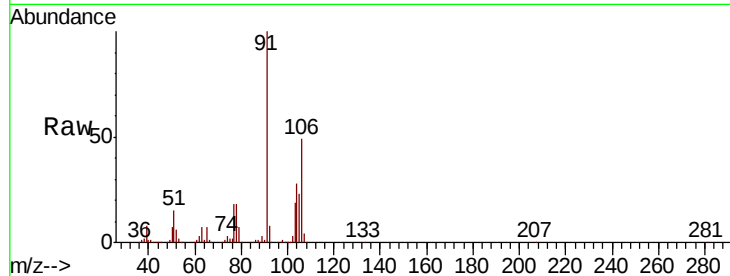




#69
o-Xylene
Concen: 50.238 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

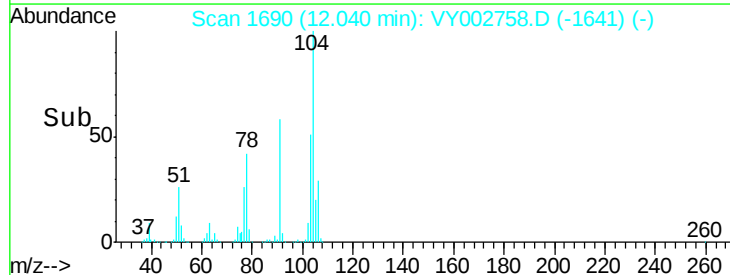
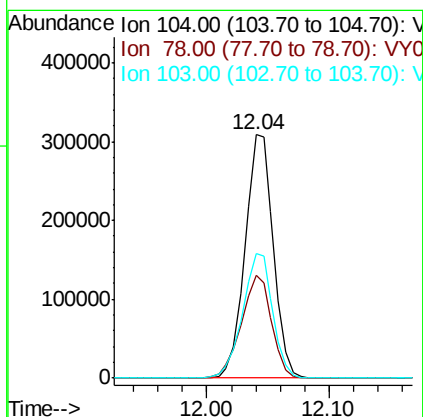
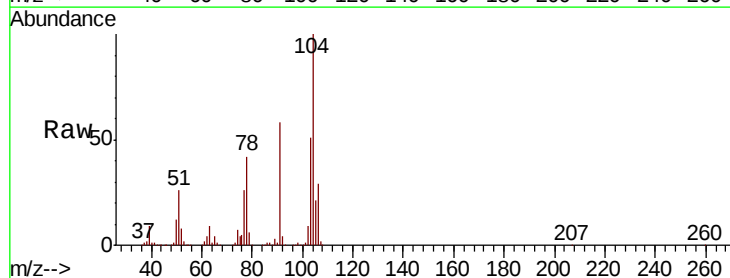
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

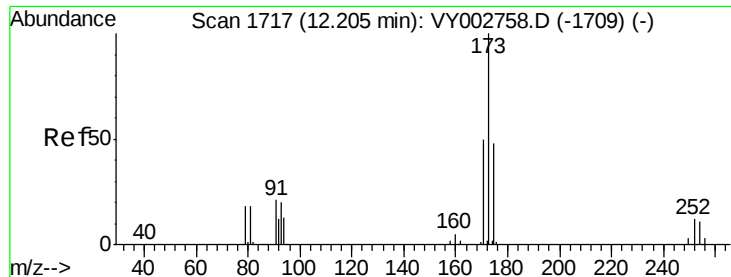
Tot Ion:106 Resp: 282985
Ion Ratio Lower Upper
106 100
91 204.7 102.4 307.1



#70
Styrene
Concen: 50.910 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

Tgt Ion:104 Resp: 493056
Ion Ratio Lower Upper
104 100
78 45.3 36.2 54.4
103 54.5 43.6 65.4





#71

Bromoform

Concen: 55.232 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

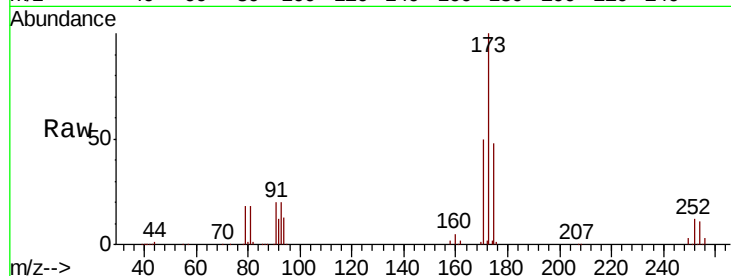
Tot Ion:173 Resp: 112813

Ion Ratio Lower Upper

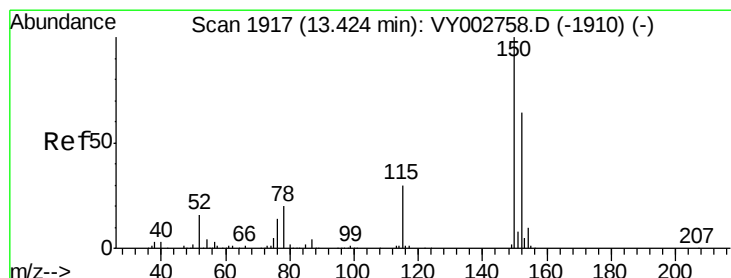
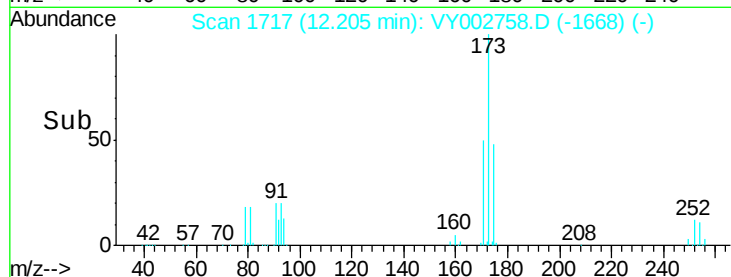
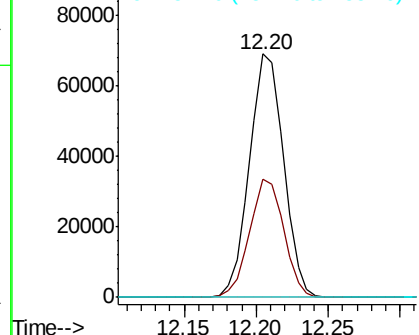
173 100

175 48.5 24.3 72.8

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

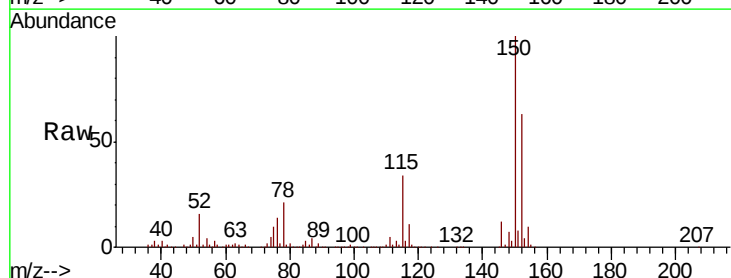
Tgt Ion:152 Resp: 245384

Ion Ratio Lower Upper

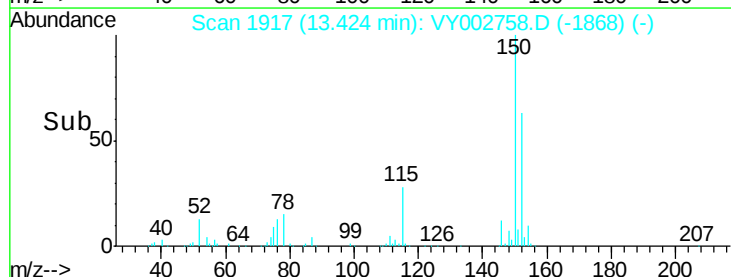
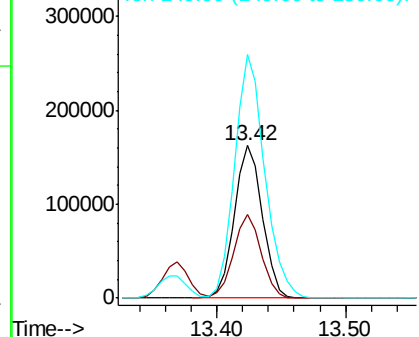
152 100

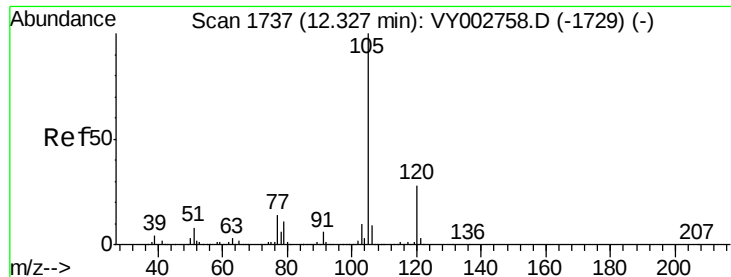
115 54.0 27.0 81.0

150 172.4 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: 48.132 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

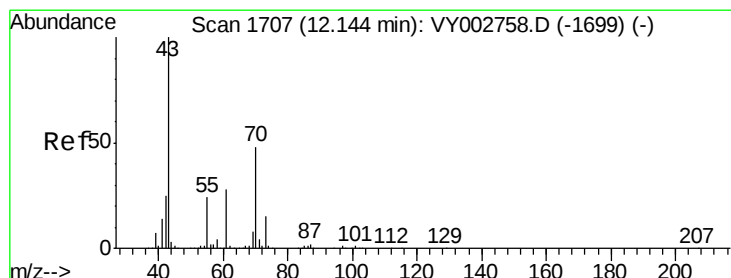
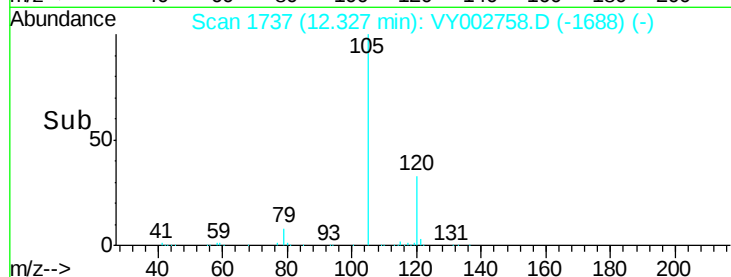
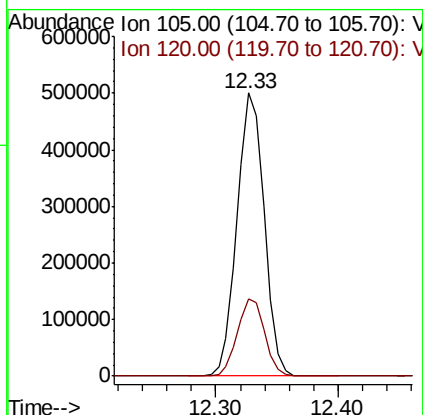
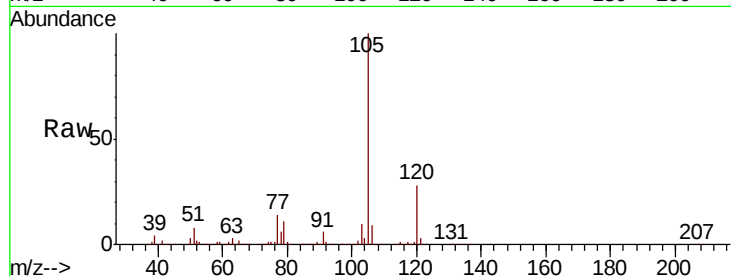
VSTDICCC050

Tot Ion:105 Resp: 766592

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 53.983 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Tgt Ion: 43 Resp: 204590

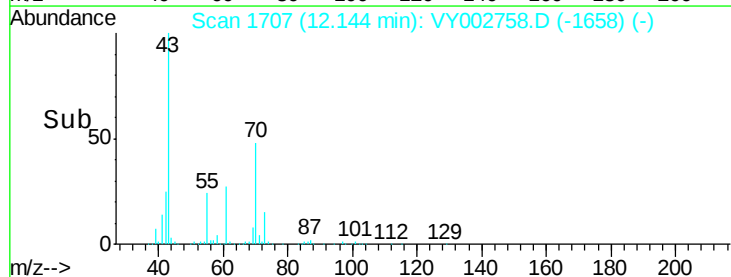
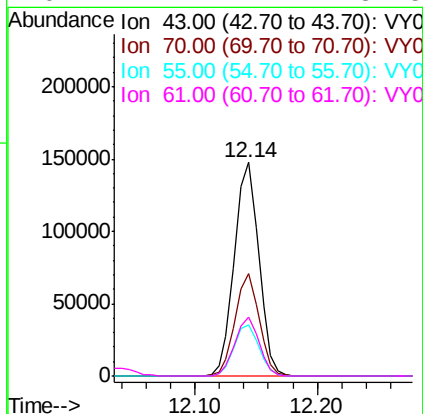
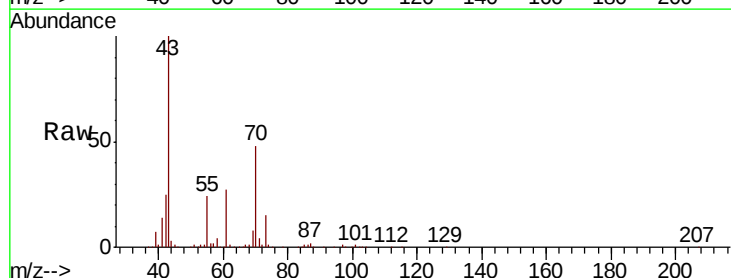
Ion Ratio Lower Upper

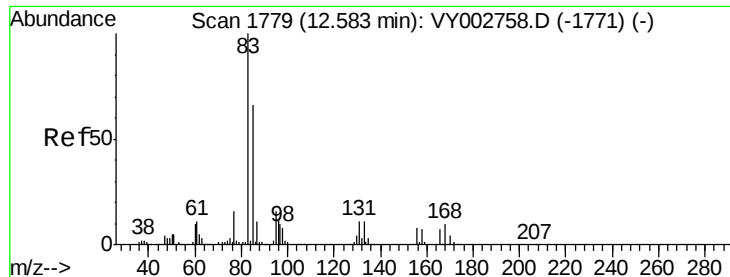
43 100

70 47.1 37.7 56.5

55 24.7 19.8 29.6

61 27.1 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 56.592 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

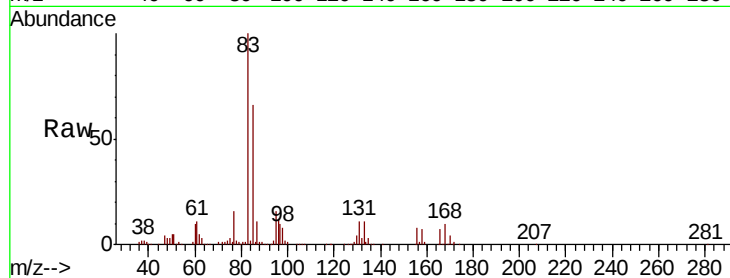
Tot Ion: 83 Resp: 136839

Ion Ratio Lower Upper

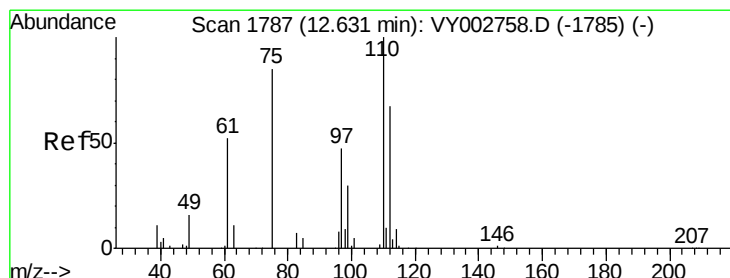
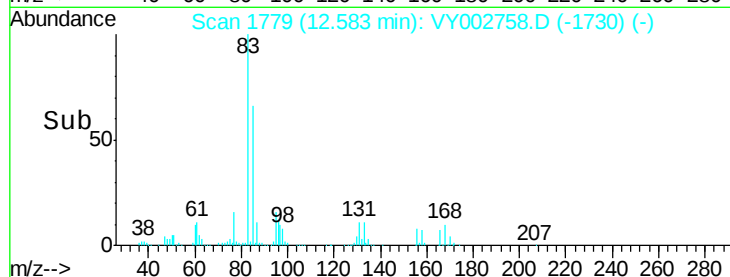
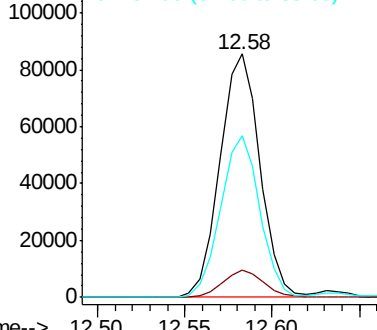
83 100

131 11.6 5.8 17.4

85 65.3 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: 101.603 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002758.D

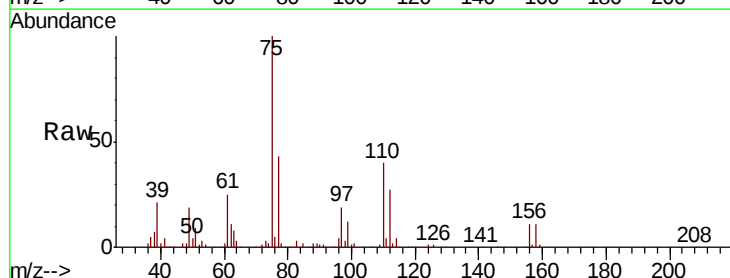
Acq: 27 May 2020 12:14

Tgt Ion: 75 Resp: 206275

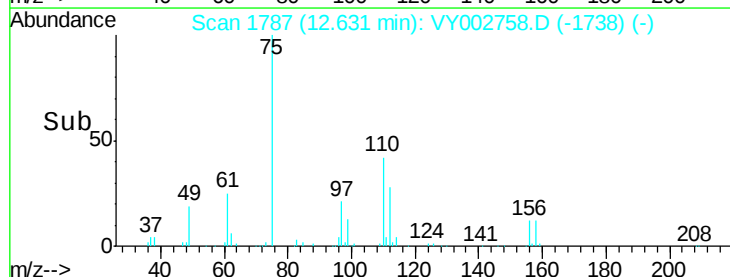
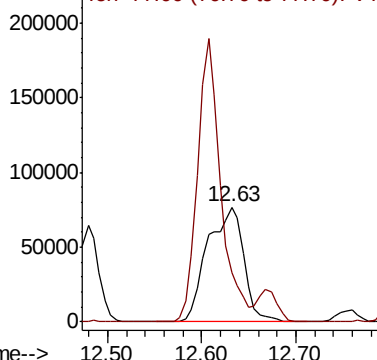
Ion Ratio Lower Upper

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: 49.642 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

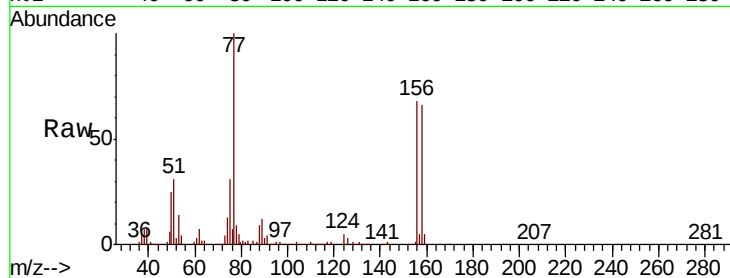
Tot Ion:156 Resp: 198836

Ion Ratio Lower Upper

156 100

77 162.8 81.4 244.2

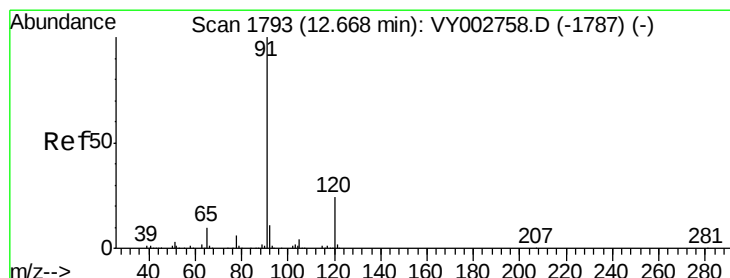
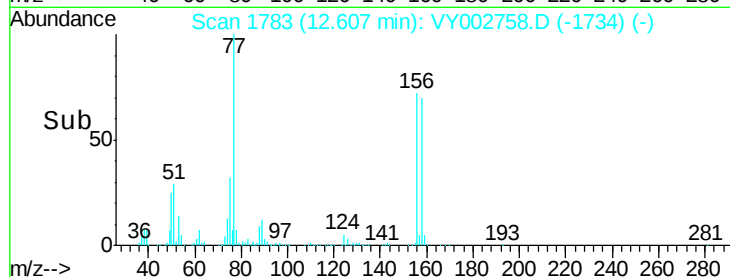
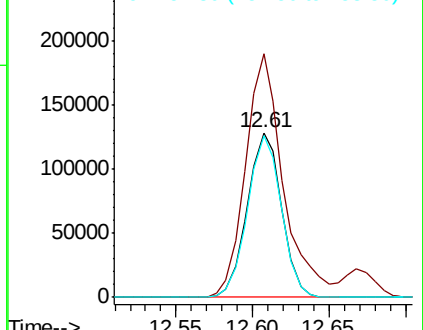
158 97.1 48.5 145.6



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: 48.078 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002758.D

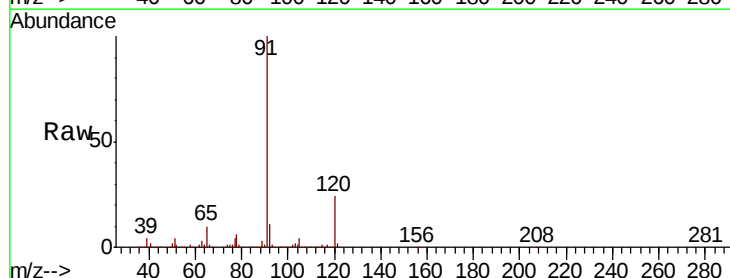
Acq: 27 May 2020 12:14

Tgt Ion: 91 Resp: 890700

Ion Ratio Lower Upper

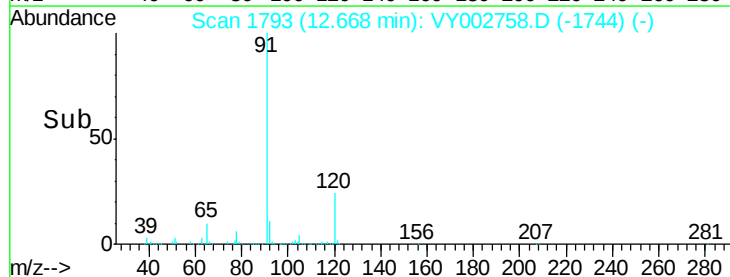
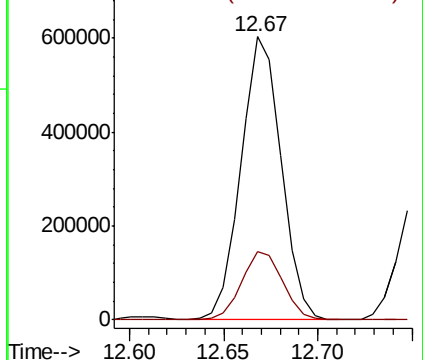
91 100

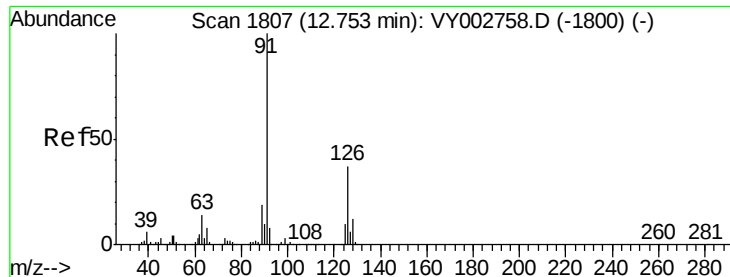
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

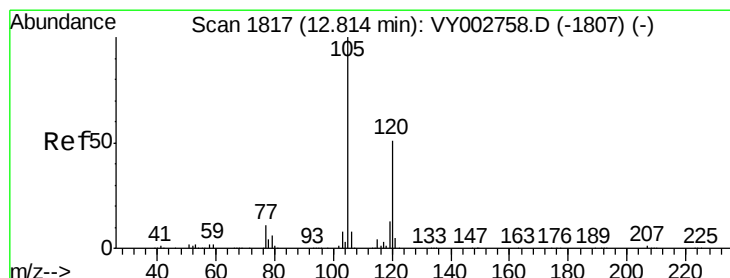
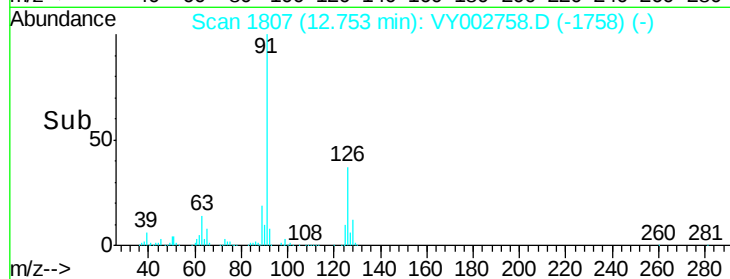
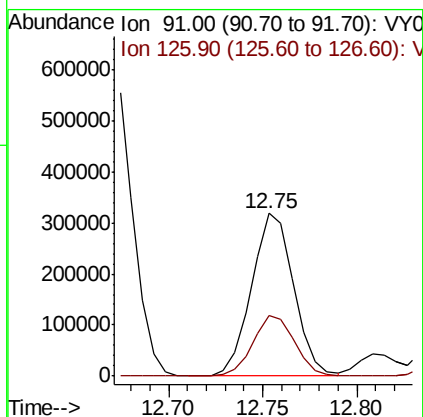
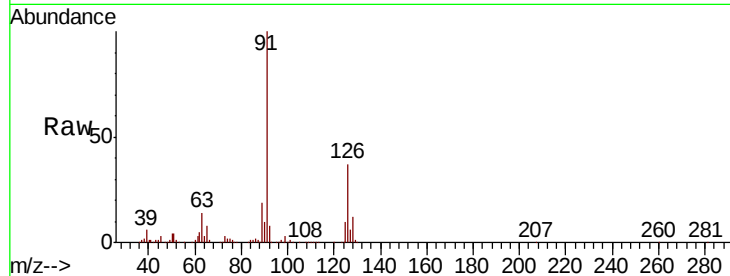




#79
 2-Chlorotoluene
 Concen: 48.127 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

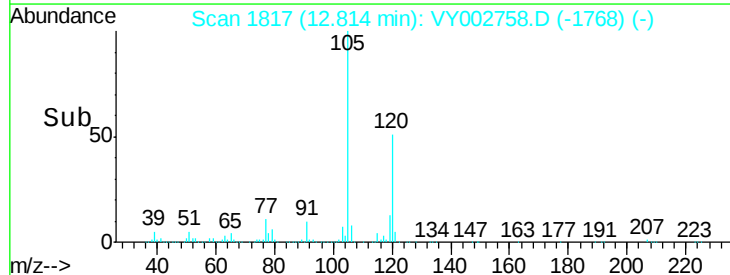
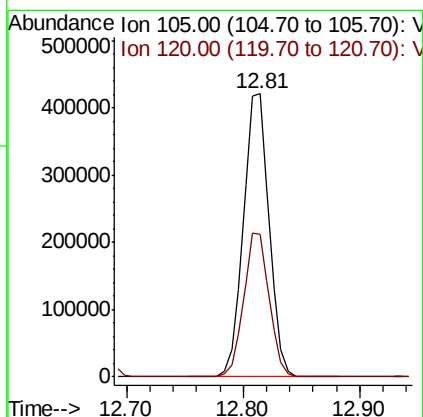
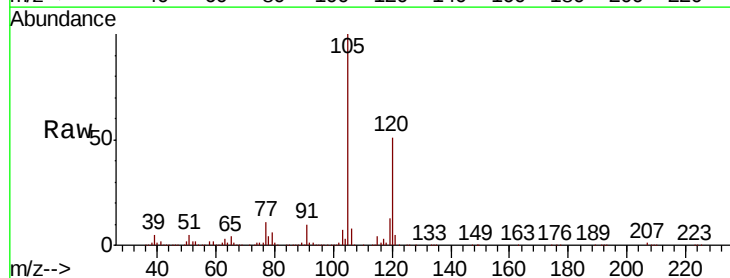
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 495103
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 48.299 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Tgt Ion: 105 Resp: 646440
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.619 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

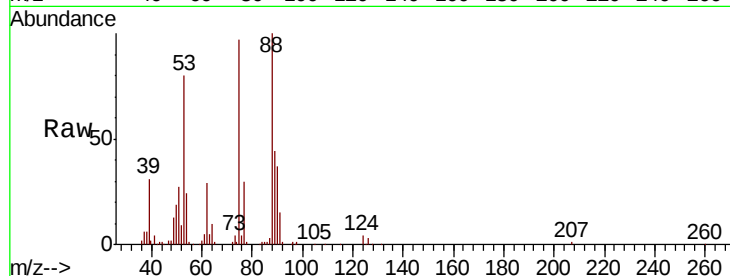
Tot Ion: 75 Resp: 59140

Ion Ratio Lower Upper

75 100

53 80.0 64.0 96.0

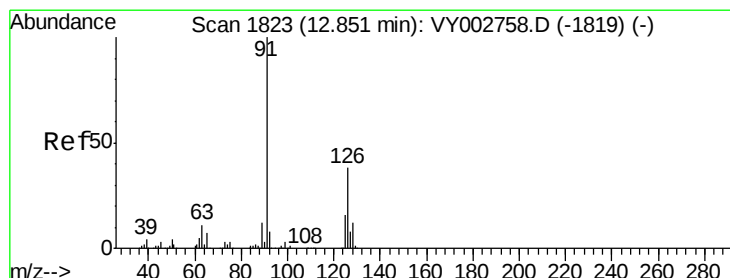
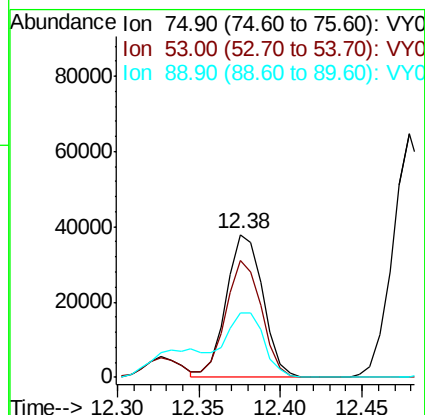
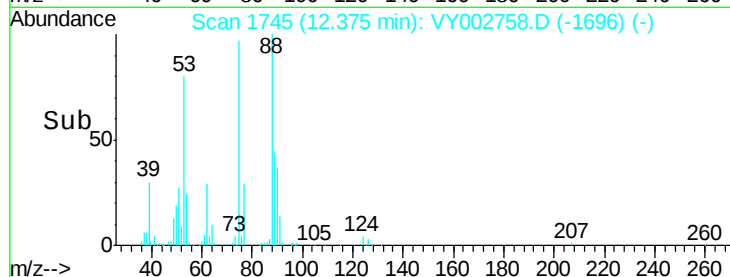
89 46.8 37.4 56.2



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: 48.604 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002758.D

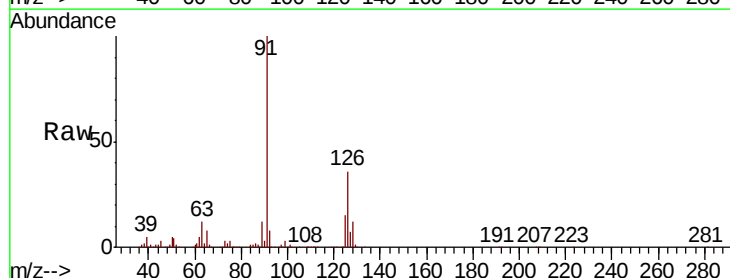
Acq: 27 May 2020 12:14

Tgt Ion: 91 Resp: 525378

Ion Ratio Lower Upper

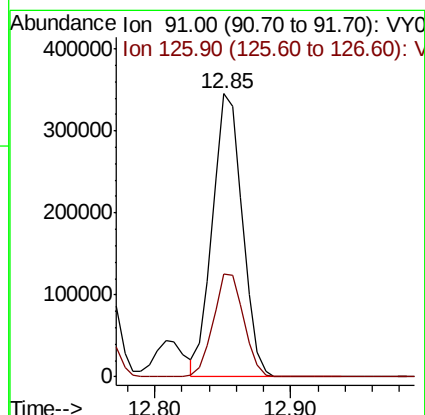
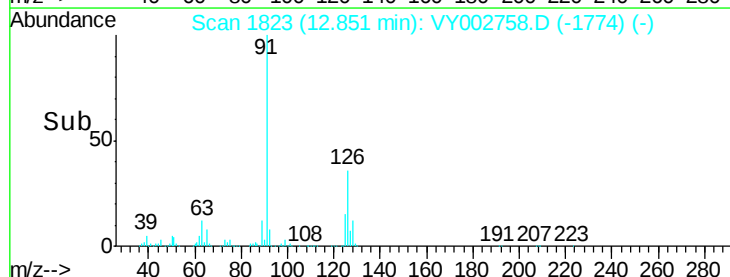
91 100

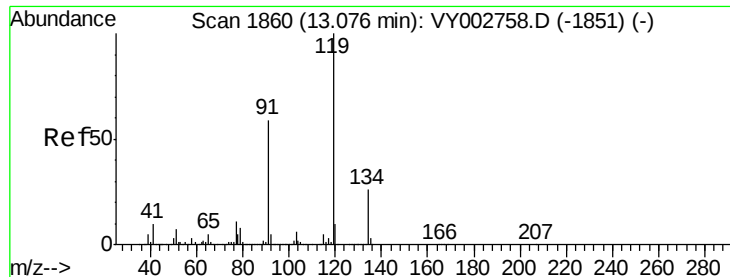
126 37.0 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 48.511 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

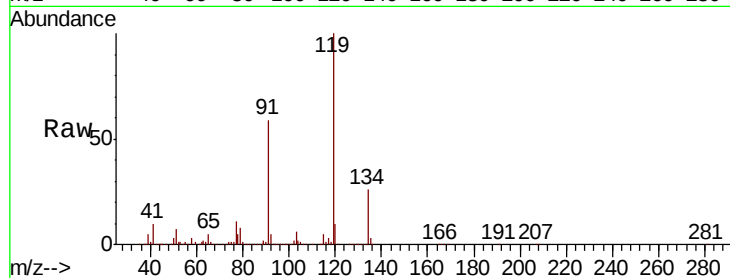
Tot Ion:119 Resp: 576168

Ion Ratio Lower Upper

119 100

91 59.6 29.8 89.4

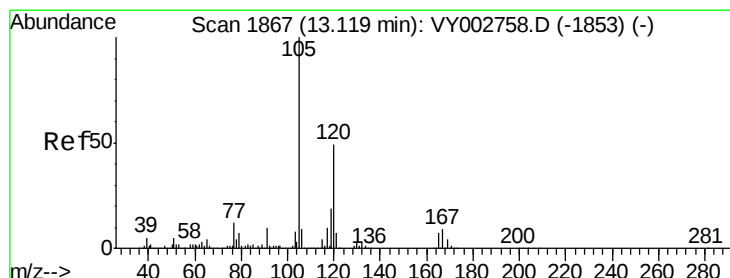
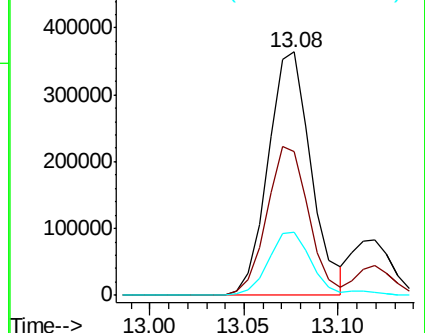
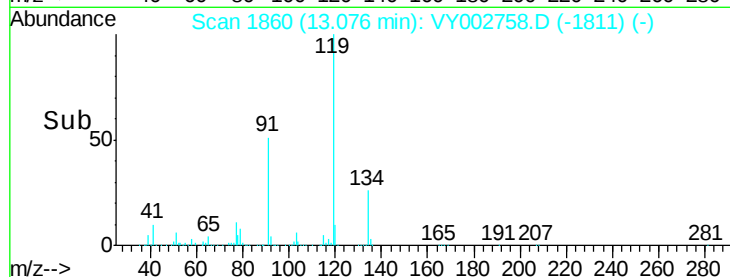
134 26.5 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.569 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002758.D

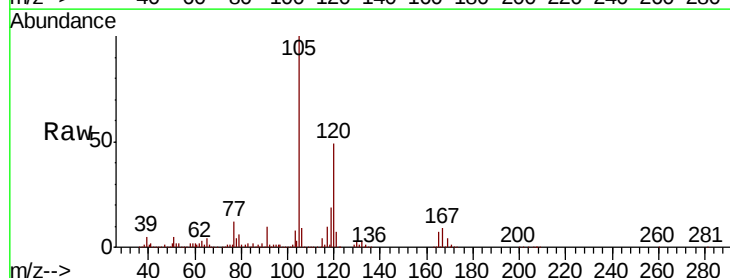
Acq: 27 May 2020 12:14

Tgt Ion:105 Resp: 650726

Ion Ratio Lower Upper

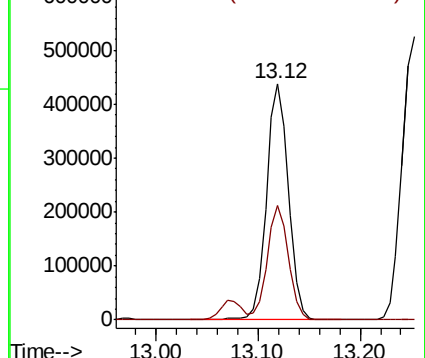
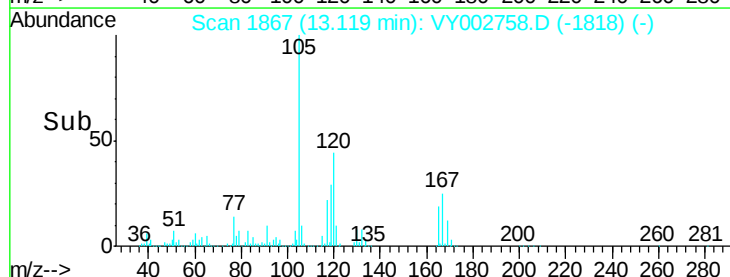
105 100

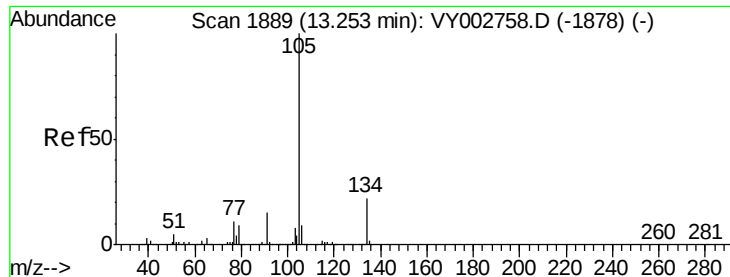
120 47.2 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.864 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

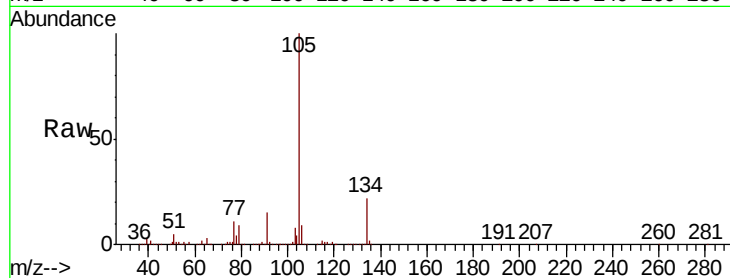
VSTDICCC050

Tot Ion:105 Resp: 782515

Ion Ratio Lower Upper

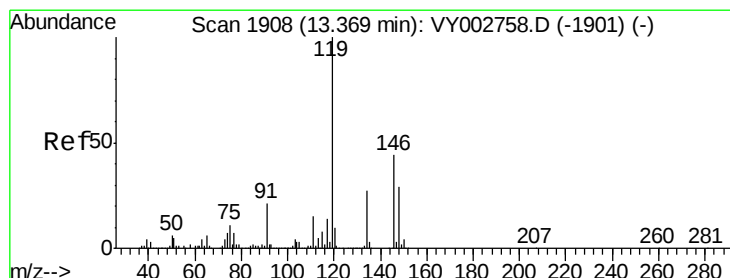
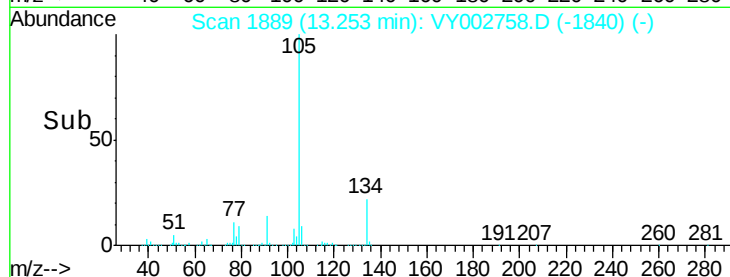
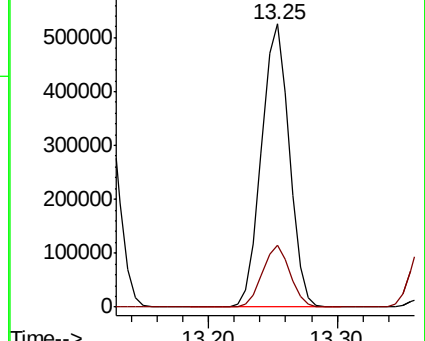
105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.947 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

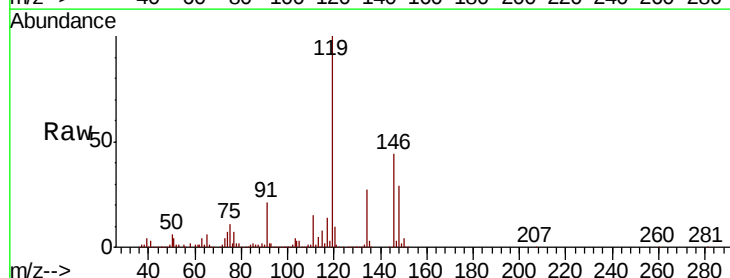
Tgt Ion:119 Resp: 732778

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

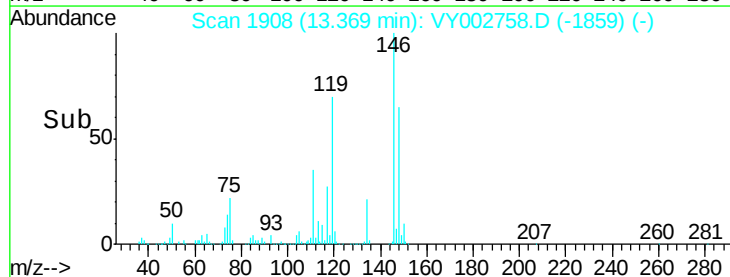
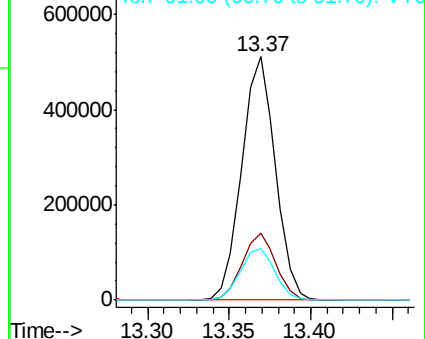
91 21.6 10.8 32.4

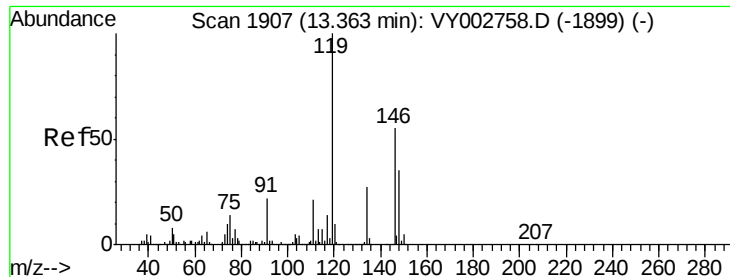


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

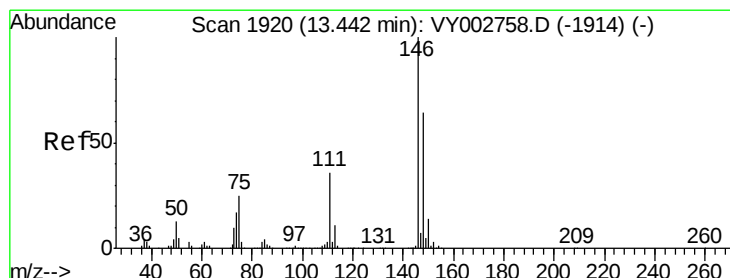
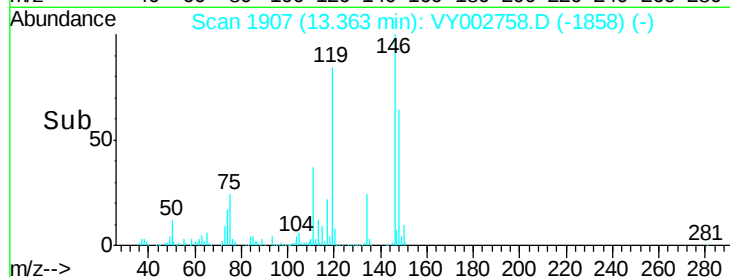
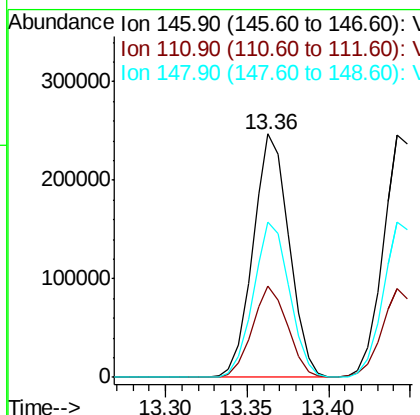
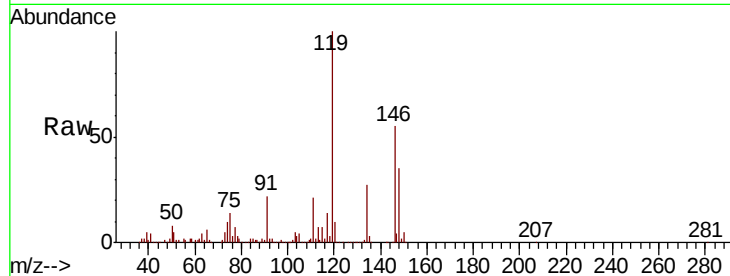




#87
 1,3-Dichlorobenzene
 Concen: 48.911 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

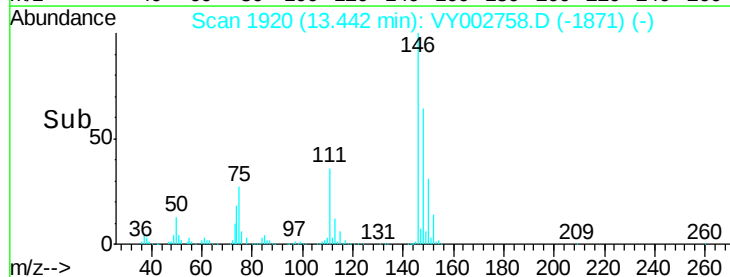
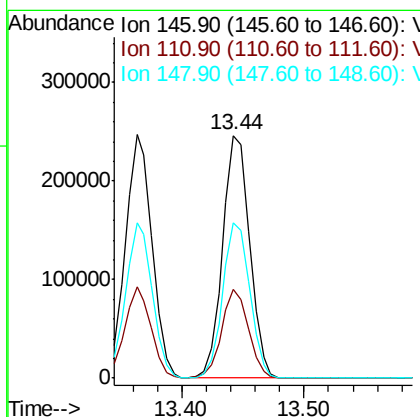
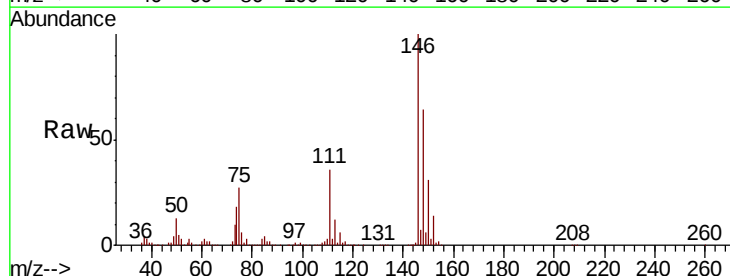
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

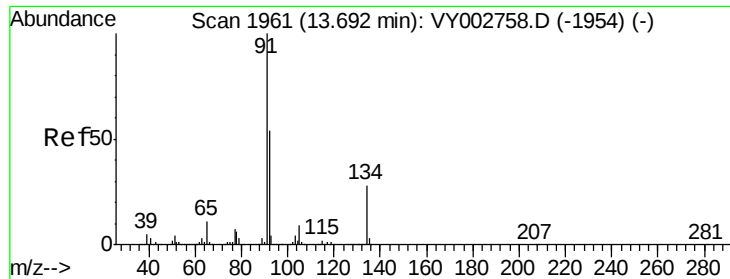
Tot Ion:146 Resp: 377801
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.0
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.992 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Tgt Ion:146 Resp: 376725
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.3
 148 64.2 32.1 96.3

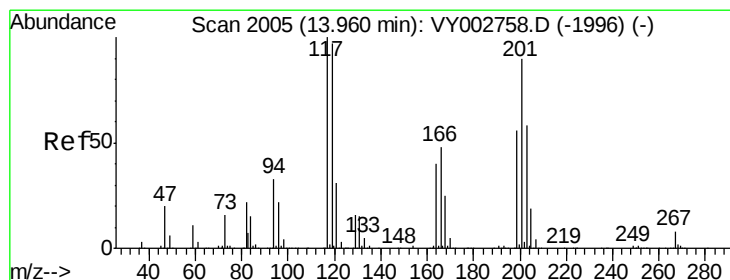
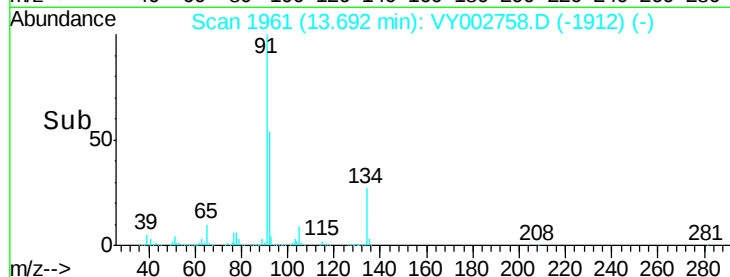
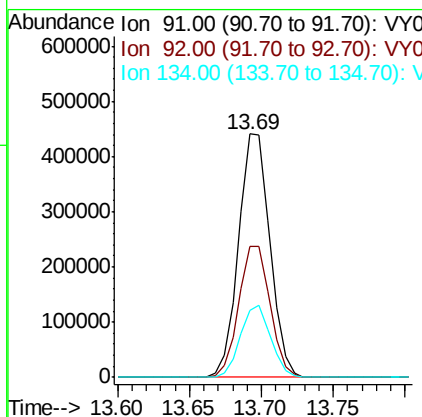
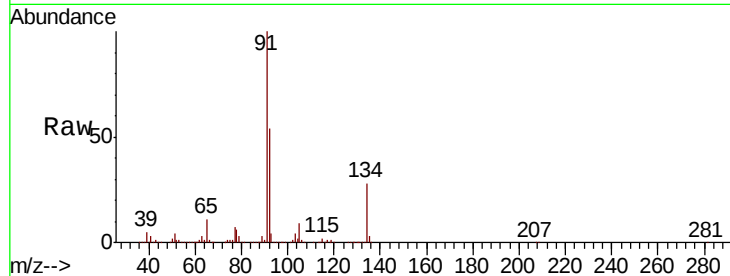




#89
n-Butylbenzene
Concen: 47.439 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

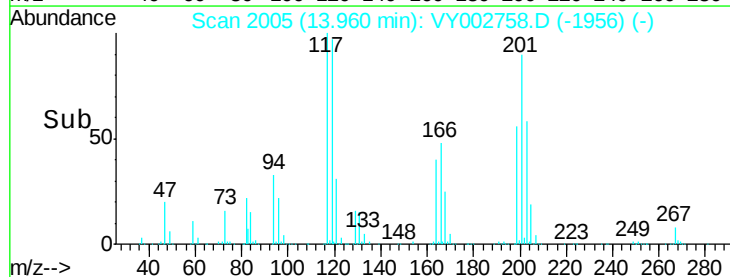
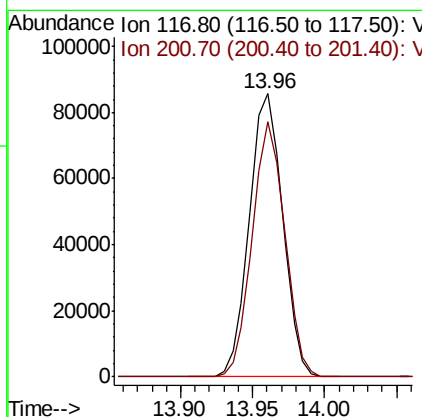
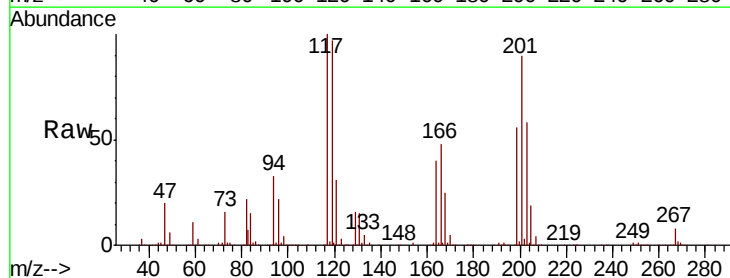
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 665915
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 28.6 14.3 42.9



#90
Hexachloroethane
Concen: 48.429 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002758.D
Acq: 27 May 2020 12:14

Tgt Ion: 117 Resp: 137448
Ion Ratio Lower Upper
117 100
201 87.7 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 49.828 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

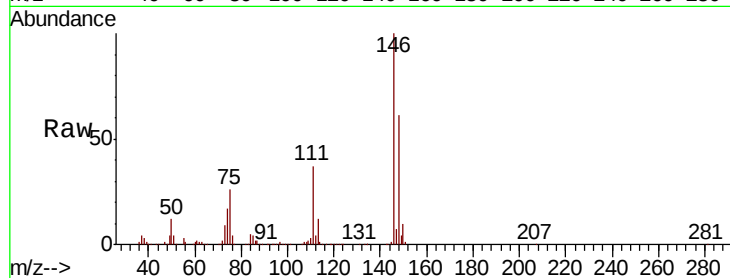
Tot Ion:146 Resp: 346162

Ion Ratio Lower Upper

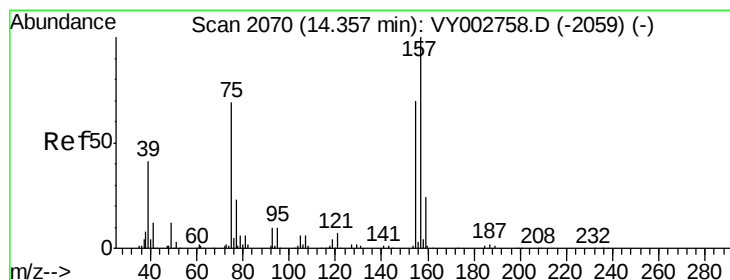
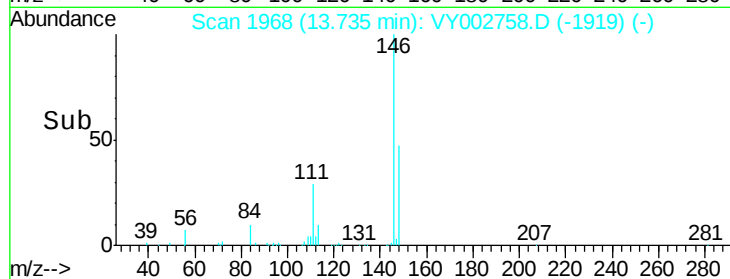
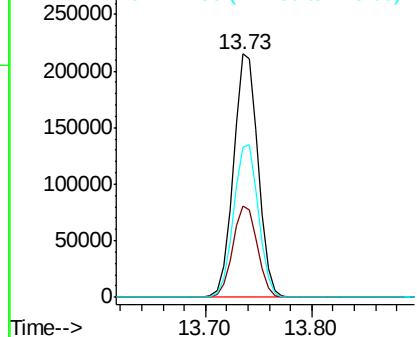
146 100

111 37.9 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: 56.541 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

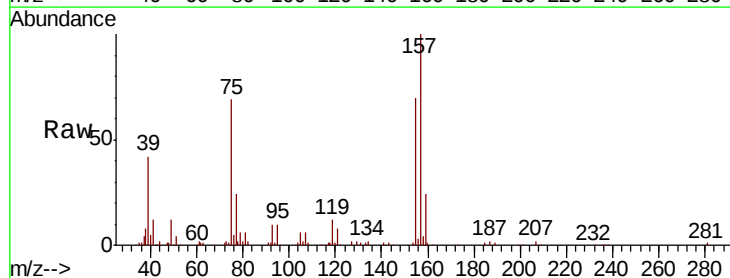
Tgt Ion: 75 Resp: 26256

Ion Ratio Lower Upper

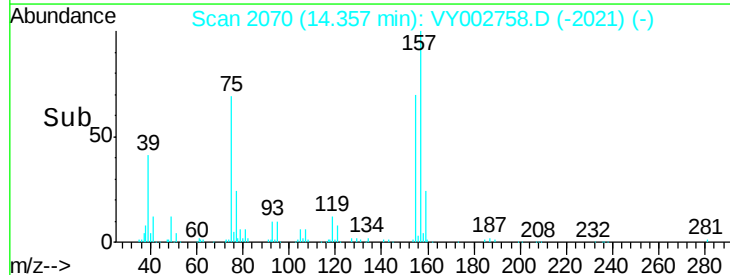
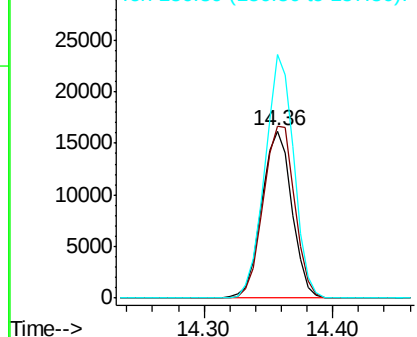
75 100

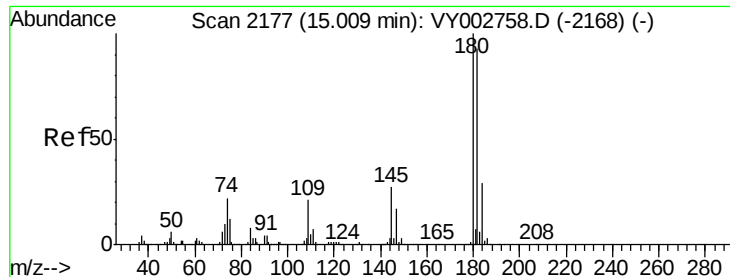
155 107.0 53.5 160.5

157 139.8 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

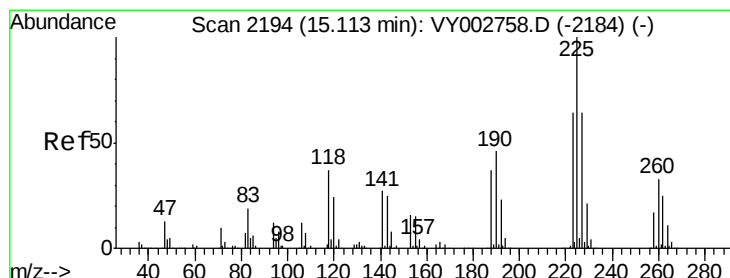
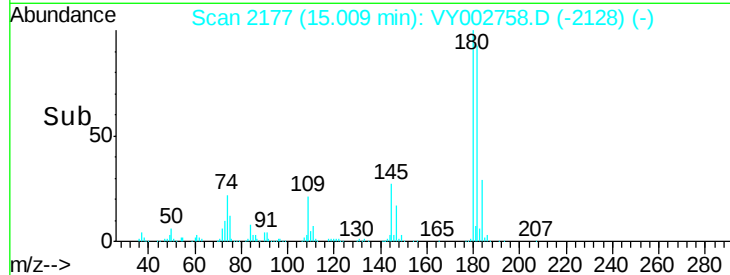
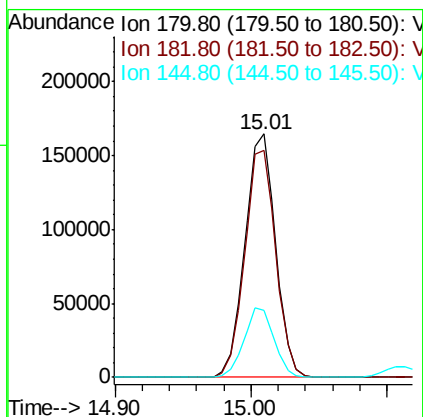
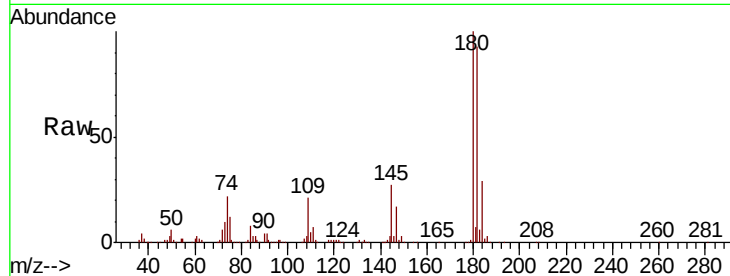




#93
 1,2,4-Trichlorobenzene
 Concen: 48.185 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

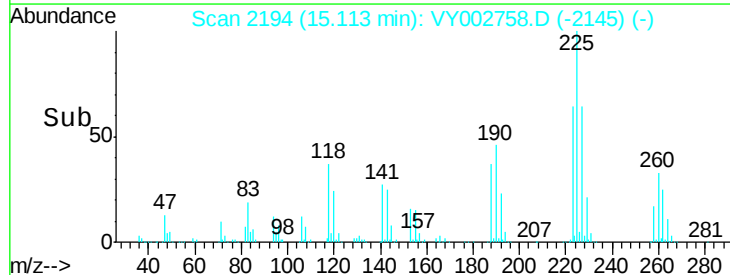
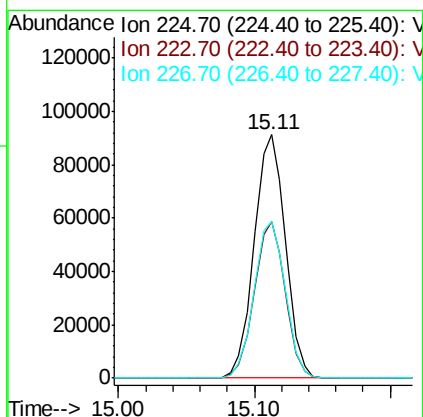
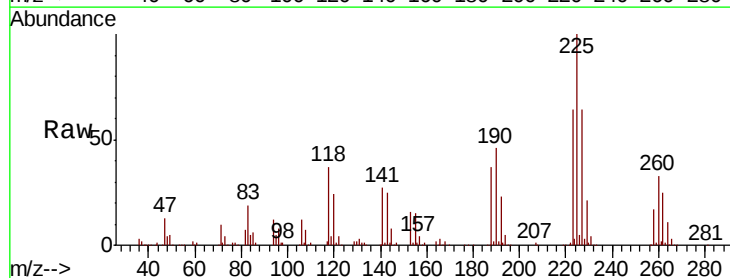
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

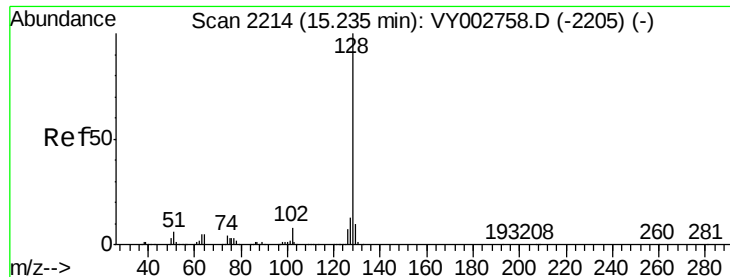
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	28.2	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 45.427 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002758.D
 Acq: 27 May 2020 12:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.6	95.0
227	64.6	32.3	96.9





#95

Naphthalene

Concen: 53.738 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

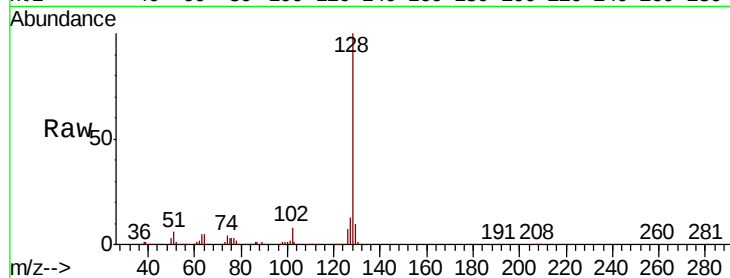
Tot Ion:128 Resp: 523641

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

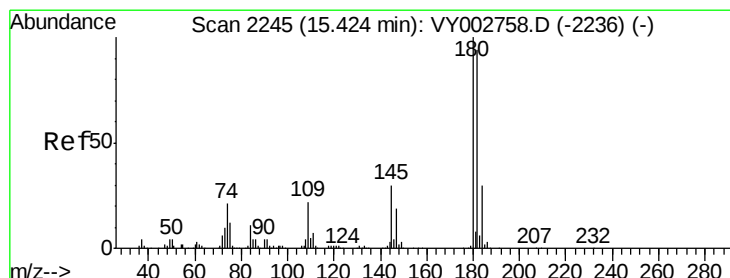
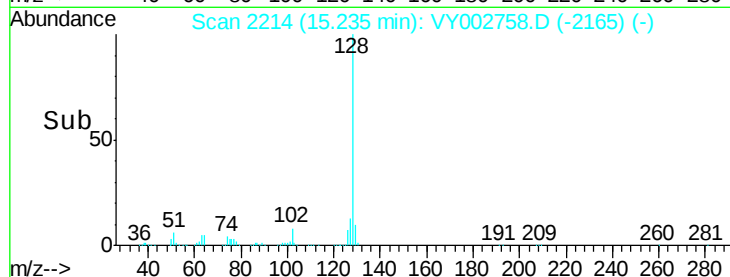
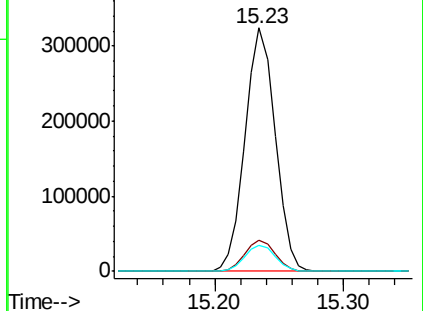
129 10.9 8.7 13.1



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: 48.660 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002758.D

Acq: 27 May 2020 12:14

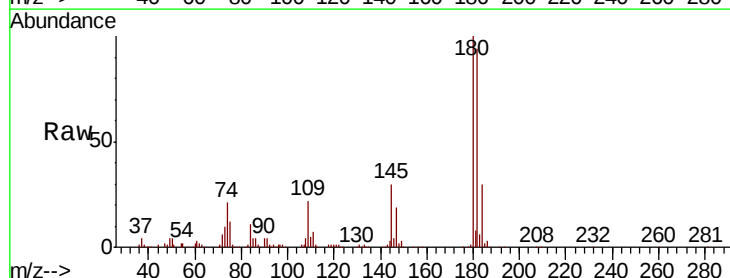
Tgt Ion:180 Resp: 228433

Ion Ratio Lower Upper

180 100

182 96.3 48.1 144.4

145 30.2 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

