

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061120\
 Data File : VY002880.D
 Acq On : 11 Jun 2020 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 11 16:44:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	287654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	416452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	386499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	209793	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	114706	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	
35) Dibromofluoromethane	7.72	113	116734	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
50) Toluene-d8	10.18	98	456250	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.48	95	161699	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	87436	44.175	ug/l	94
3) Chloromethane	2.12	50	96153	43.920	ug/l	99
4) Vinyl Chloride	2.26	62	111449	48.163	ug/l	98
5) Bromomethane	2.65	94	77317	44.586	ug/l	98
6) Chloroethane	2.80	64	68499	45.664	ug/l	99
7) Trichlorofluoromethane	3.13	101	191751	46.788	ug/l	97
8) Diethyl Ether	3.54	74	69515	43.439	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	117317	48.212	ug/l	98
10) Methyl Iodide	4.10	142	156615	45.997	ug/l	99
11) Tert butyl alcohol	4.96	59	60863	225.472	ug/l	100
12) 1,1-Dichloroethene	3.88	96	114647	46.850	ug/l	97
13) Acrolein	3.74	56	55728	190.396	ug/l	98
14) Allyl chloride	4.49	41	165346	47.111	ug/l	98
15) Acrylonitrile	5.18	53	177244	245.511	ug/l	100
16) Acetone	3.96	43	169523	289.454	ug/l	97
17) Carbon Disulfide	4.20	76	313843	42.441	ug/l	99
18) Methyl Acetate	4.49	43	71832	48.857	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	326070	48.266	ug/l	99
20) Methylene Chloride	4.72	84	132158	46.175	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	127360	46.279	ug/l	99
22) Diisopropyl ether	6.12	45	352544	48.337	ug/l	93
23) Vinyl Acetate	6.07	43	1188330	246.783	ug/l	100
24) 1,1-Dichloroethane	6.02	63	206032	48.291	ug/l	99
25) 2-Butanone	6.99	43	229271	251.265	ug/l	98
26) 2,2-Dichloropropane	6.99	77	196290	47.971	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	146362	47.508	ug/l	99
28) Bromochloromethane	7.34	49	81211	46.368	ug/l	100
29) Tetrahydrofuran	7.35	42	142110	239.434	ug/l	99
30) Chloroform	7.51	83	220477	48.699	ug/l	100
31) Cyclohexane	7.78	56	182224	43.018	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	203802	48.308	ug/l	99
36) 1,1-Dichloropropene	7.93	75	167507	47.749	ug/l	99
37) Ethyl Acetate	7.08	43	96262	50.434	ug/l	100
38) Carbon Tetrachloride	7.91	117	192239	49.328	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	212636	45.985	ug/l	99
40) Benzene	8.16	78	506388	48.852	ug/l	99
41) Methacrylonitrile	7.33	41	50858m	49.599	ug/l	
42) 1,2-Dichloroethane	8.24	62	143518	49.403	ug/l	98
43) Isopropyl Acetate	8.28	43	178828	49.442	ug/l	99
44) Trichloroethene	8.94	130	156002	47.646	ug/l	99
45) 1,2-Dichloropropane	9.22	63	121506	48.880	ug/l	99
46) Dibromomethane	9.31	93	72337	48.999	ug/l	99
47) Bromodichloromethane	9.50	83	176053	50.586	ug/l	99
48) Methyl methacrylate	9.29	41	81090	49.663	ug/l	98
49) 1,4-Dioxane	9.30	88	21096	930.656	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	489930	255.804	ug/l	99
52) Toluene	10.24	92	330922	48.801	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	191209	50.300	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	214126	49.712	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	112041	49.573	ug/l	96
56) Ethyl methacrylate	10.51	69	151547	50.061	ug/l	99
57) 1,3-Dichloropropane	10.79	76	182848	49.186	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	365894	247.359	ug/l	100
59) 2-Hexanone	10.83	43	351143	258.398	ug/l	99
60) Dibromochloromethane	10.99	129	144325	50.367	ug/l	100
61) 1,2-Dibromoethane	11.09	107	109971	49.325	ug/l	99
64) Tetrachloroethene	10.72	164	163356	46.504	ug/l	100
65) Chlorobenzene	11.52	112	371737	48.662	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	145548	50.589	ug/l	100
67) Ethyl Benzene	11.60	91	653820	49.369	ug/l	99
68) m/p-Xylenes	11.70	106	508686	99.068	ug/l	99
69) o-Xylene	12.03	106	240437	49.602	ug/l	99
70) Styrene	12.05	104	418639	49.820	ug/l	99
71) Bromoform	12.21	173	98941	51.395	ug/l #	100
73) Isopropylbenzene	12.33	105	660435	49.123	ug/l	100
74) N-amyl acetate	12.14	43	171011	49.574	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	122954	52.123	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	98912m	52.324	ug/l	
77) Bromobenzene	12.61	156	167823	47.940	ug/l	99
78) n-propylbenzene	12.67	91	767924	49.448	ug/l	100
79) 2-Chlorotoluene	12.76	91	425427	48.835	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	556417	49.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	50468	50.298	ug/l	98
82) 4-Chlorotoluene	12.85	91	451861	49.508	ug/l	100
83) tert-Butylbenzene	13.08	119	493147	49.250	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	556161	49.273	ug/l	99
85) sec-Butylbenzene	13.25	105	680165	49.679	ug/l	99
86) p-Isopropyltoluene	13.37	119	635272	49.866	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	324323	48.909	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	321693	48.496	ug/l	100
89) n-Butylbenzene	13.70	91	572449	49.493	ug/l	100
90) Hexachloroethane	13.96	117	119630	50.160	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	294490	48.969	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23048	50.785	ug/l	97

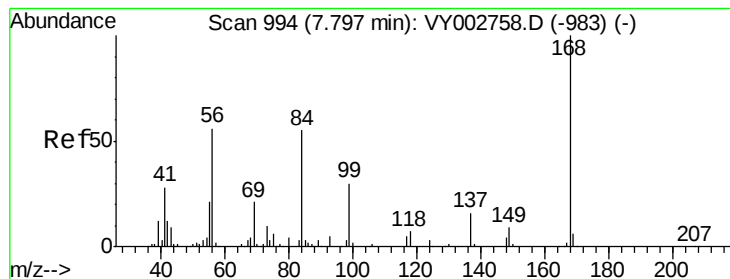
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	219039	48.322	ug/l	99
94) Hexachlorobutadiene	15.11	225	128150	49.846	ug/l	99
95) Naphthalene	15.24	128	439194	48.324	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	194066	47.944	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

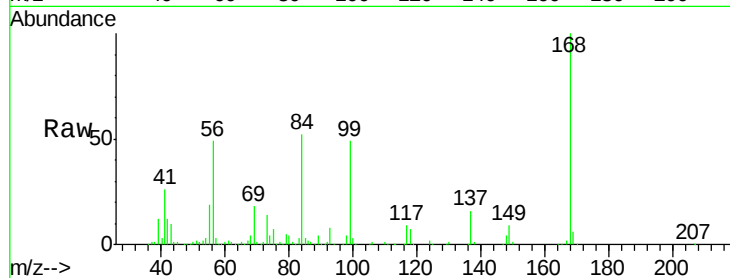
VSTDCCC050

Tot Ion:168 Resp: 287654

Ion Ratio Lower Upper

168 100

99 49.4 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

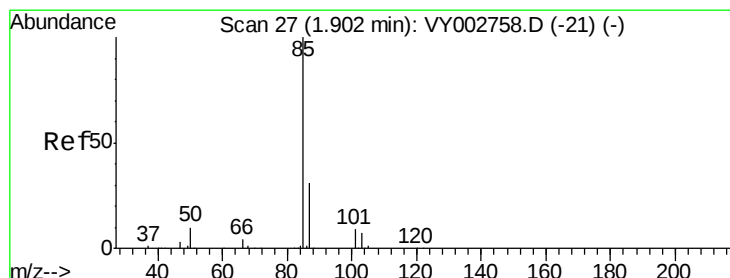
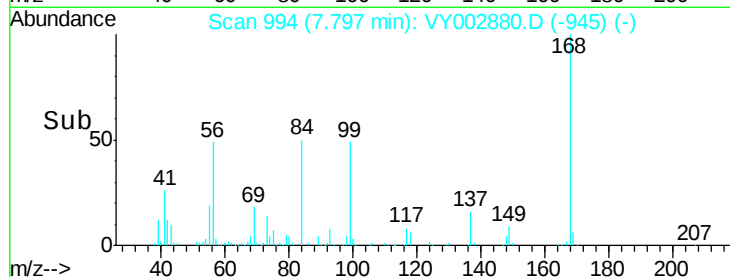
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.175 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002880.D

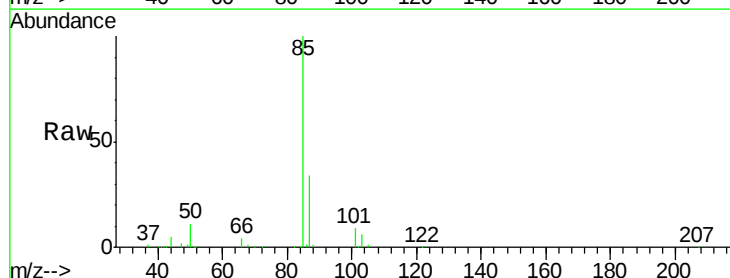
Acq: 11 Jun 2020 10:06

Tgt Ion: 85 Resp: 87436

Ion Ratio Lower Upper

85 100

87 34.3 15.5 46.5



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

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

1.91

60000

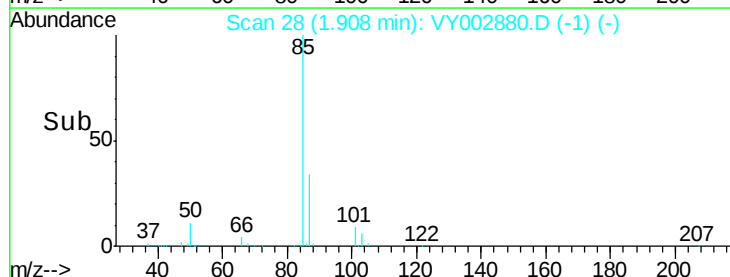
40000

20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.920 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

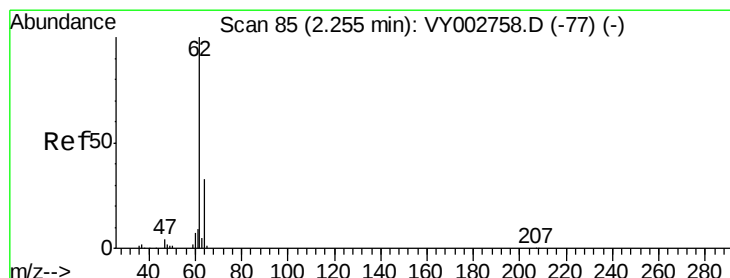
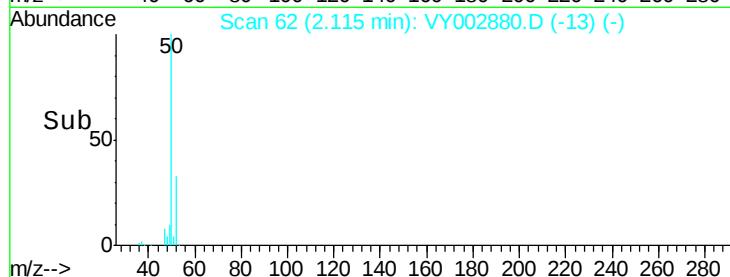
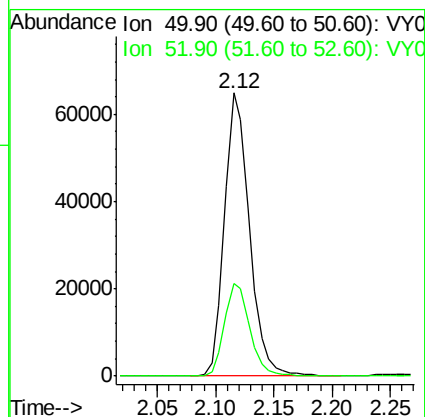
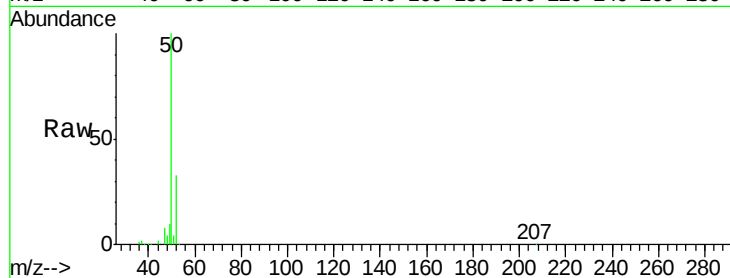
VSTDCCC050

Tot Ion: 50 Resp: 96153

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6



#4

Vinyl Chloride

Concen: 48.163 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002880.D

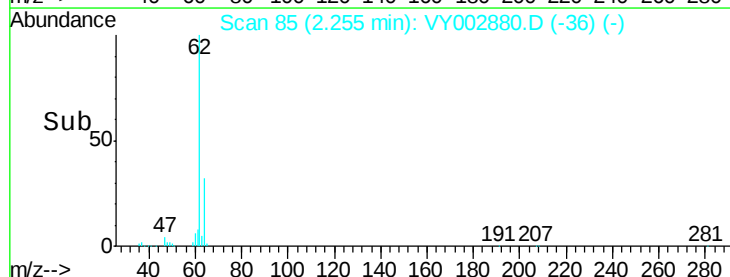
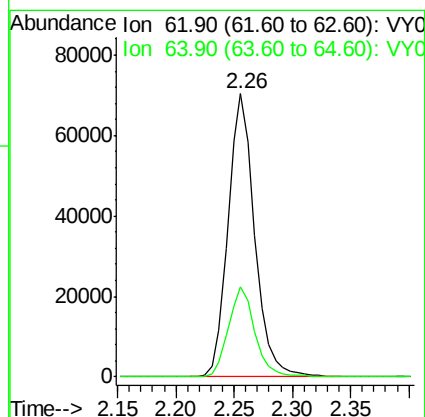
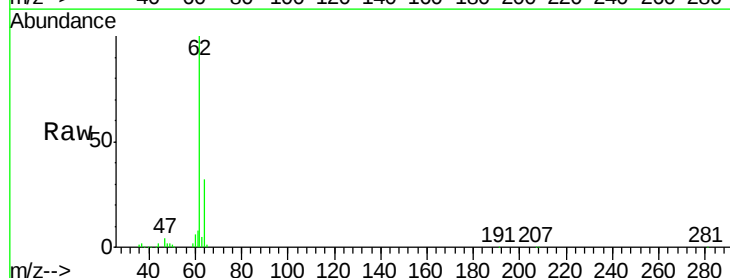
Acq: 11 Jun 2020 10:06

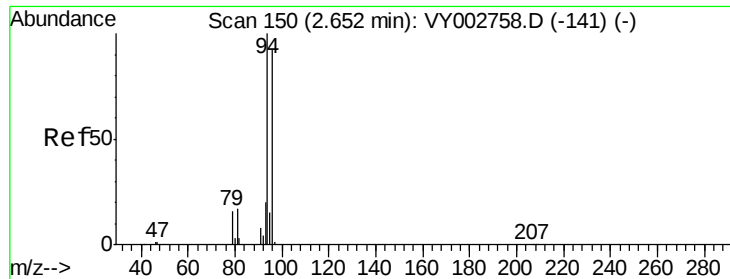
Tgt Ion: 62 Resp: 111449

Ion Ratio Lower Upper

62 100

64 31.7 26.1 39.1





#5

Bromomethane

Concen: 44.586 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

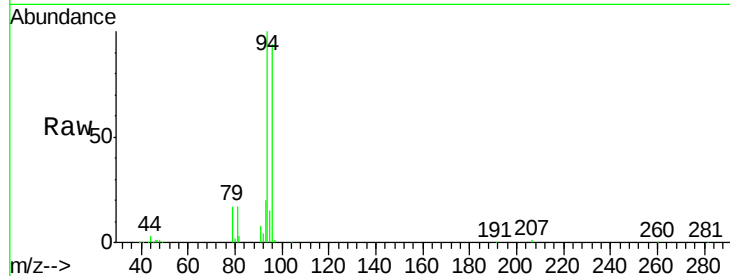
VSTDCCC050

Tot Ion: 94 Resp: 77317

Ion Ratio Lower Upper

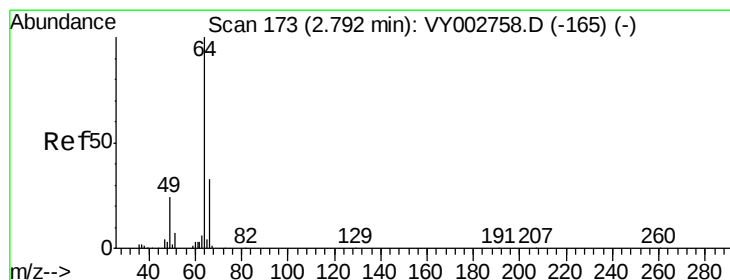
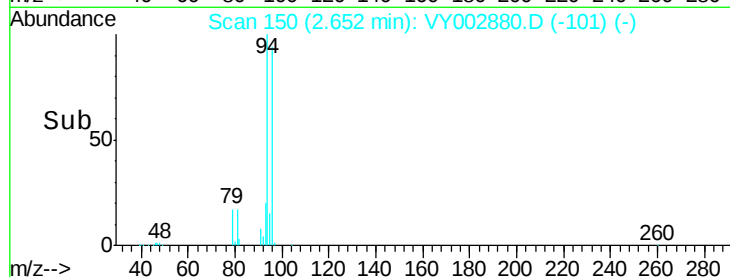
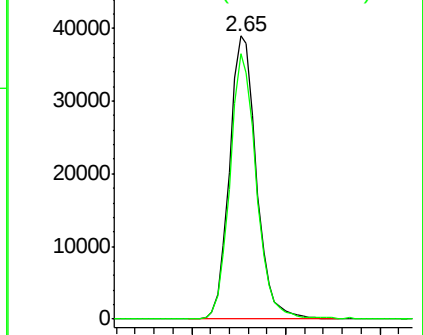
94 100

96 93.7 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 45.664 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002880.D

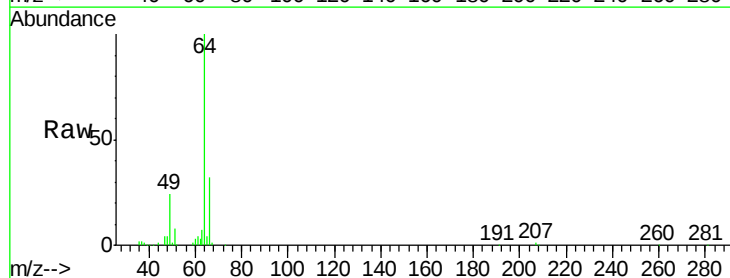
Acq: 11 Jun 2020 10:06

Tgt Ion: 64 Resp: 68499

Ion Ratio Lower Upper

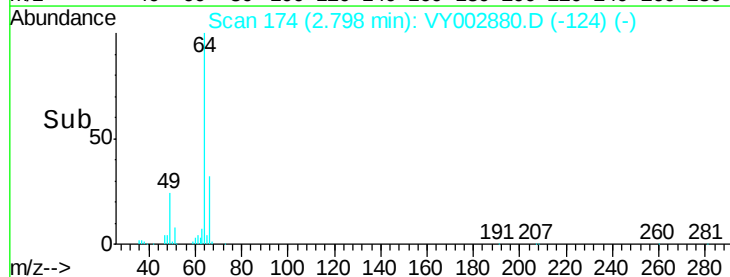
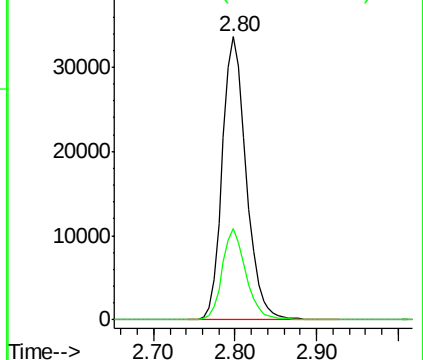
64 100

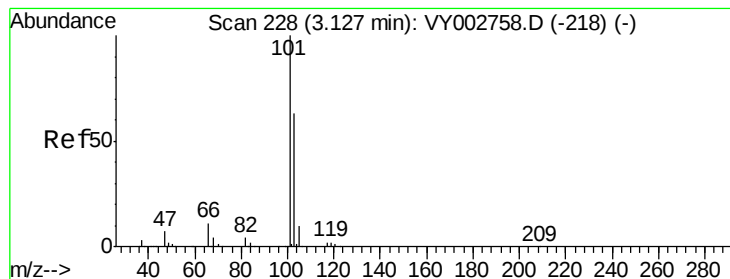
66 32.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



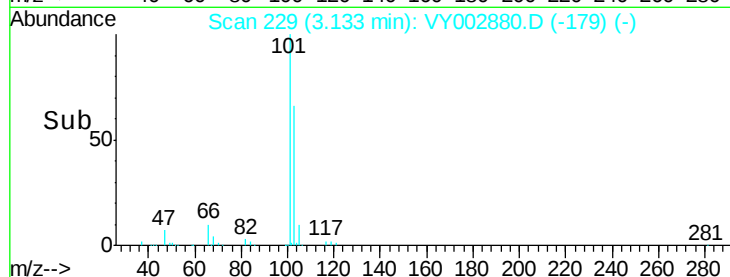
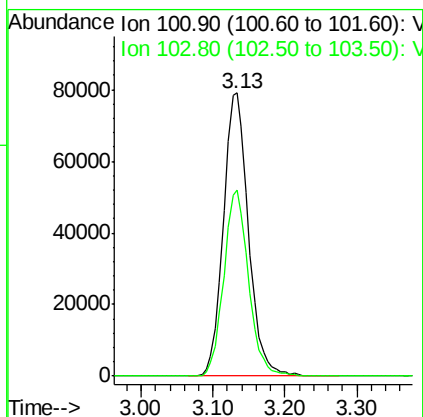
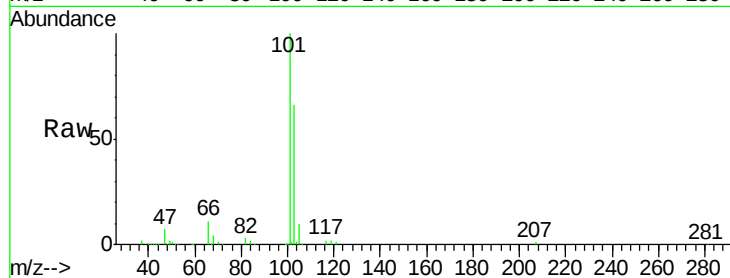


#7

Trichlorofluoromethane
Concen: 46.788 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

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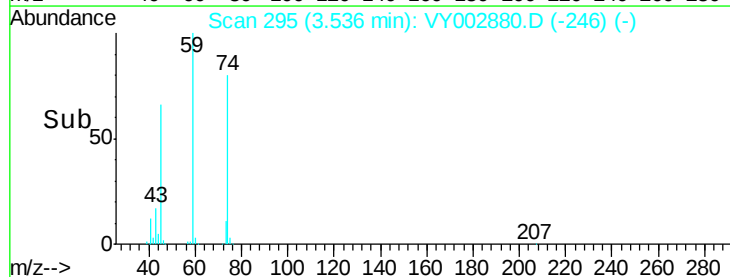
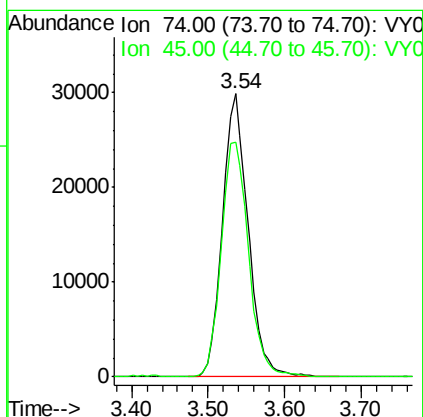
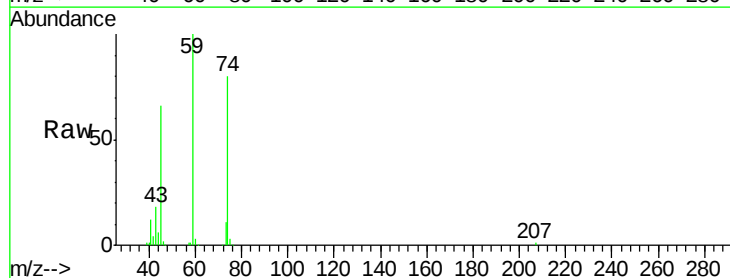
Tot Ion:101 Resp: 191751
Ion Ratio Lower Upper
101 100
103 65.6 50.6 76.0

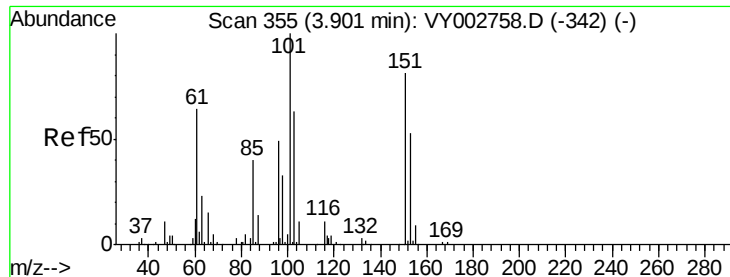


#8

Diethyl Ether
Concen: 43.439 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Tgt Ion: 74 Resp: 69515
Ion Ratio Lower Upper
74 100
45 88.4 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.212 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

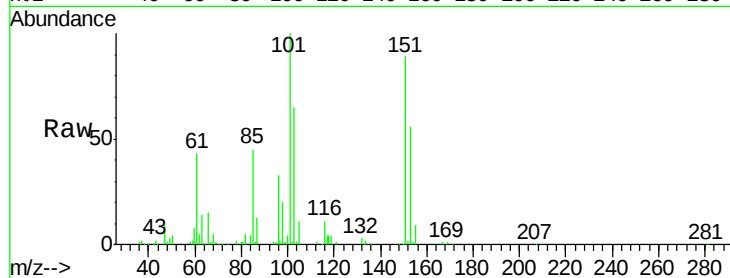
Tot Ion:101 Resp: 117317

Ion Ratio Lower Upper

101 100

85 42.2 32.7 49.1

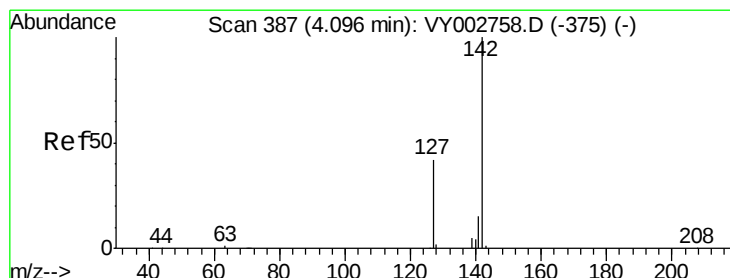
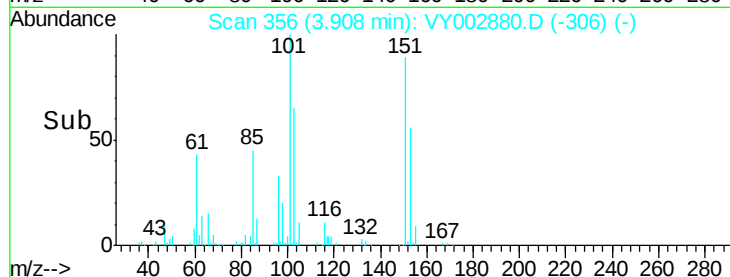
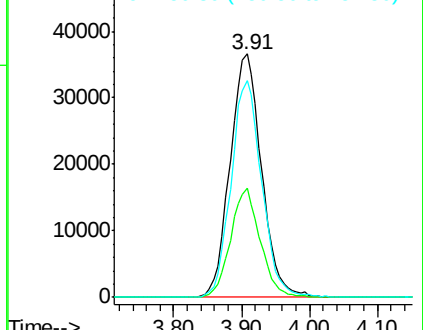
151 87.1 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.997 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

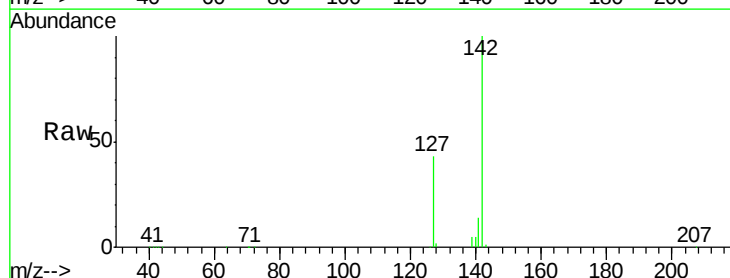
Tgt Ion:142 Resp: 156615

Ion Ratio Lower Upper

142 100

127 42.8 33.3 49.9

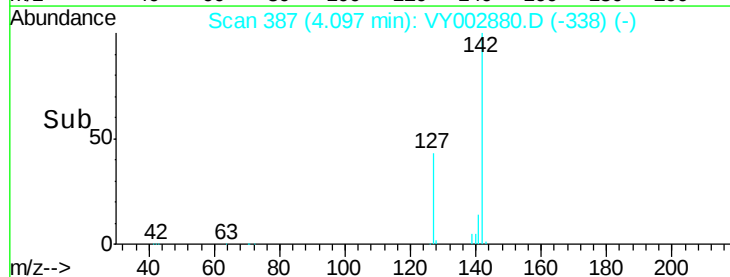
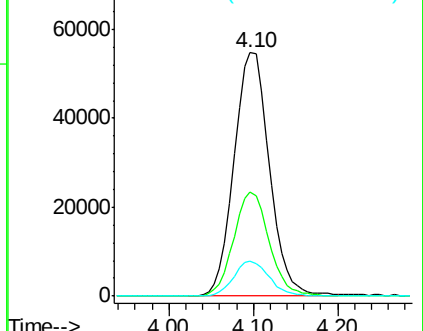
141 14.4 11.5 17.3



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



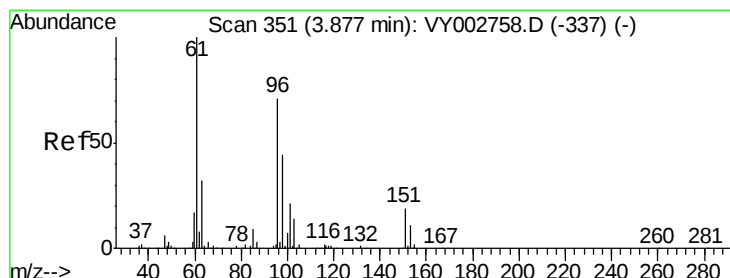
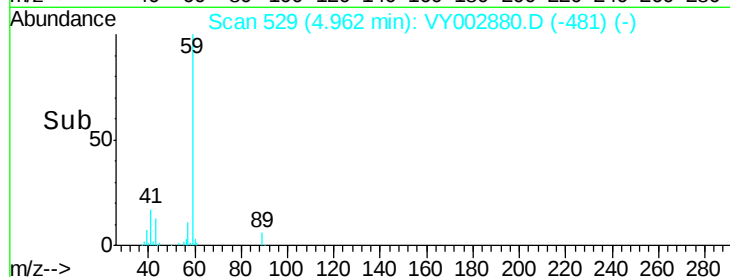
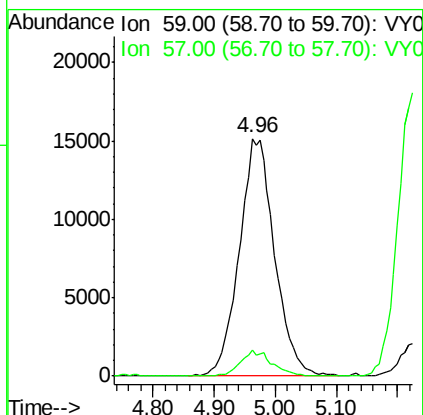
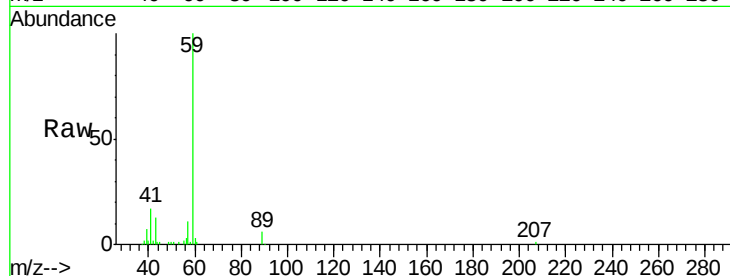


#11

Tert butyl alcohol
 Concen: 225.472 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

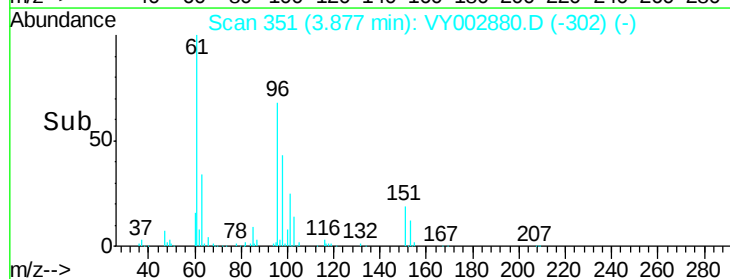
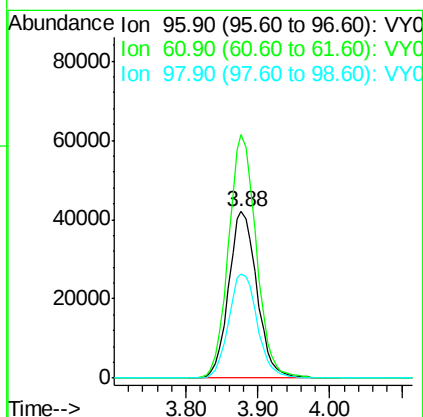
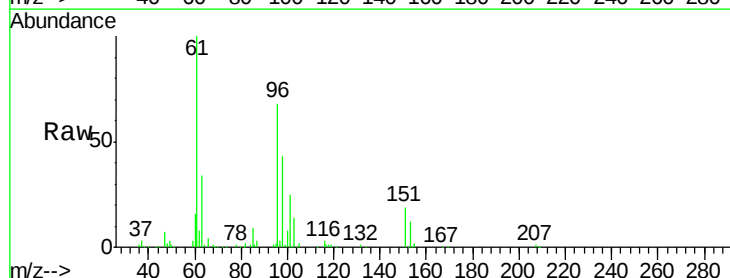
Tot Ion: 59 Resp: 60863
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.7 11.5

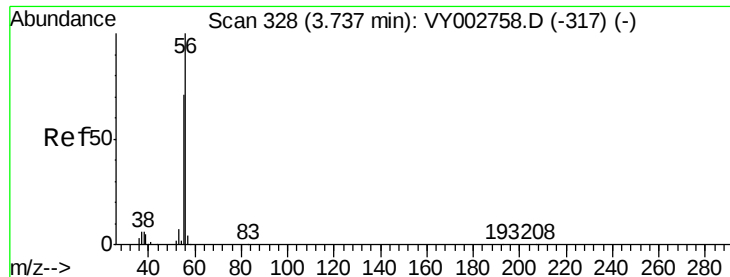


#12

1,1-Dichloroethene
 Concen: 46.850 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

Tgt Ion: 96 Resp: 114647
 Ion Ratio Lower Upper
 96 100
 61 146.1 112.6 168.8
 98 62.1 50.0 75.0





#13

Acrolein

Concen: 190.396 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

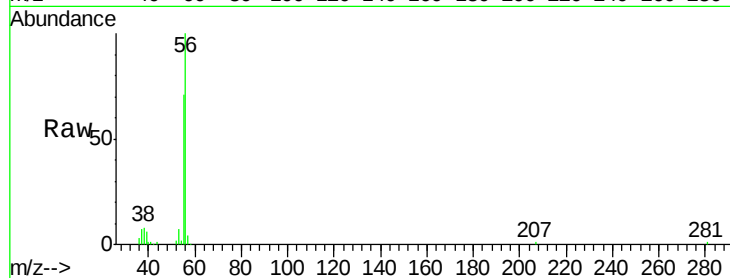
VSTDCCC050

Tot Ion: 56 Resp: 55728

Ion Ratio Lower Upper

56 100

55 68.6 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY002880.D (-279) (-)

Ion 55.00 (54.70 to 55.70): VY002880.D (-279) (-)

3.74

25000

20000

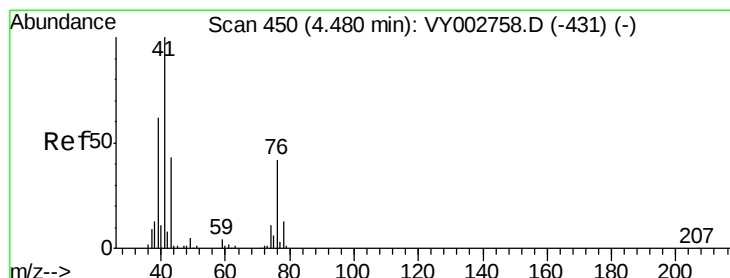
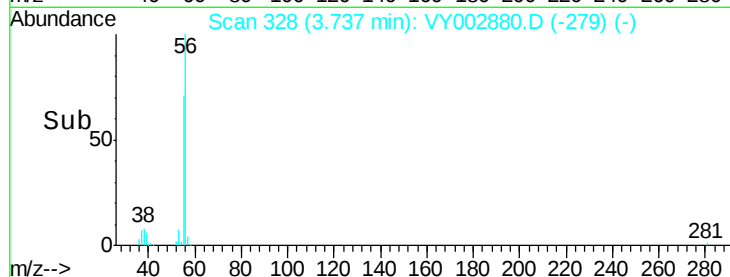
15000

10000

5000

0

Time--> 3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 47.111 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

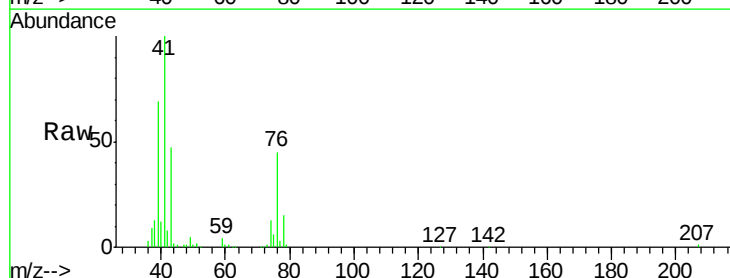
Tgt Ion: 41 Resp: 165346

Ion Ratio Lower Upper

41 100

39 64.3 49.9 74.9

76 42.3 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY002880.D (-401) (-)

Ion 39.00 (38.70 to 39.70): VY002880.D (-401) (-)

Ion 75.90 (75.60 to 76.60): VY002880.D (-401) (-)

4.49

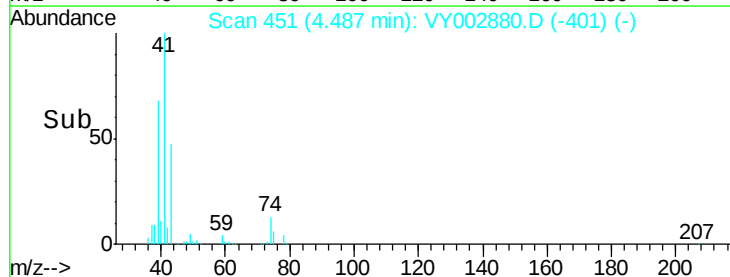
60000

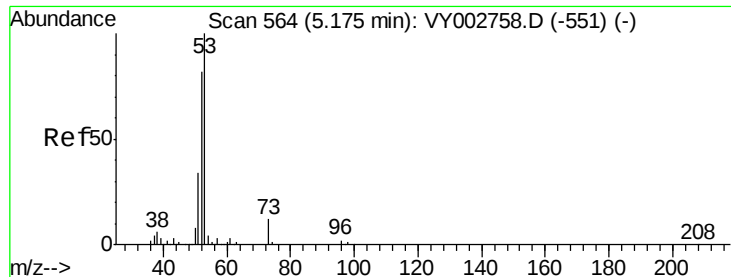
40000

20000

0

Time--> 4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 245.511 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

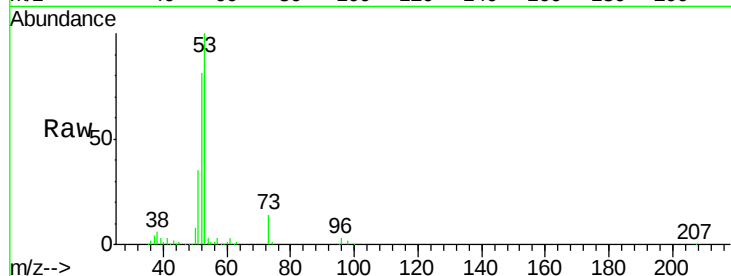
Tot Ion: 53 Resp: 177244

Ion Ratio Lower Upper

53 100

52 81.3 65.3 97.9

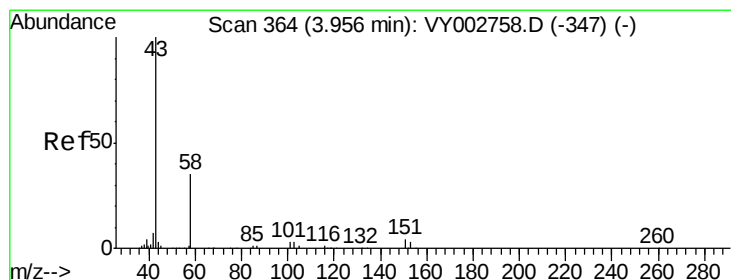
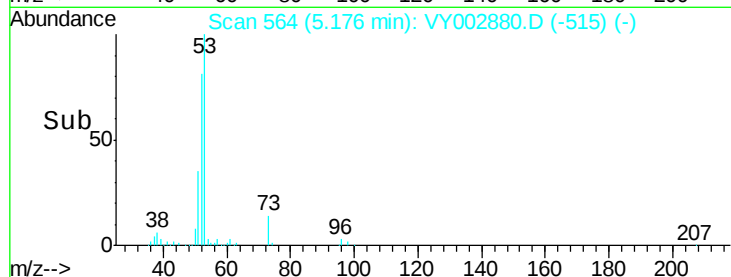
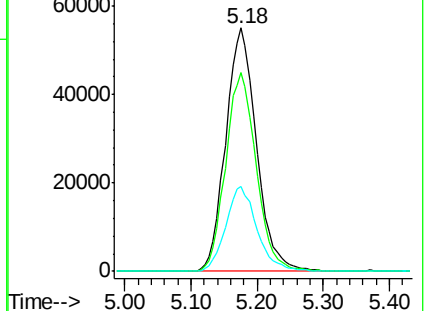
51 35.5 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 289.454 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002880.D

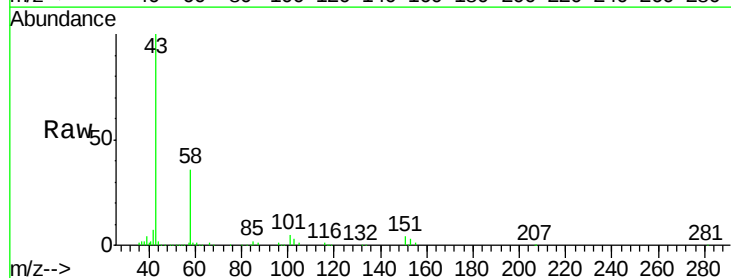
Acq: 11 Jun 2020 10:06

Tgt Ion: 43 Resp: 169523

Ion Ratio Lower Upper

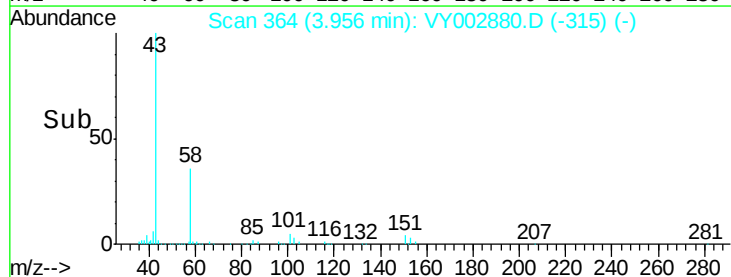
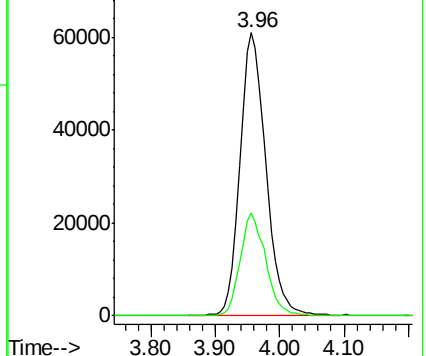
43 100

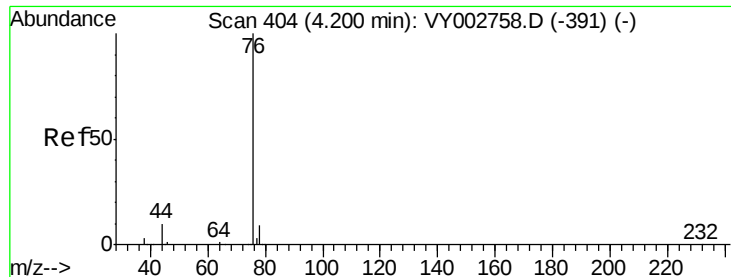
58 36.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

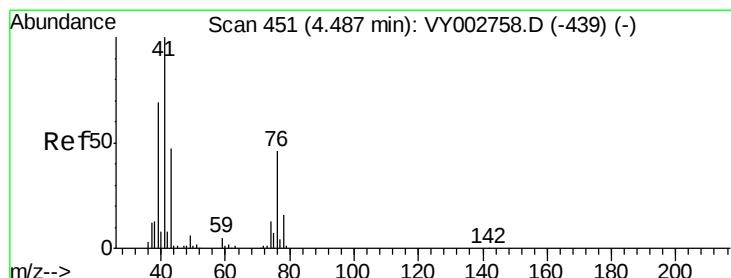
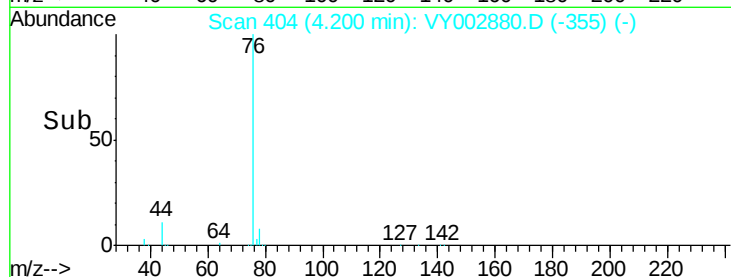
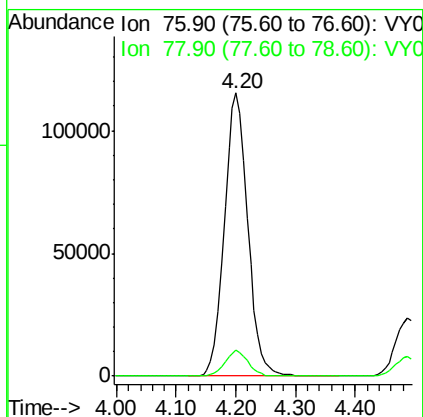
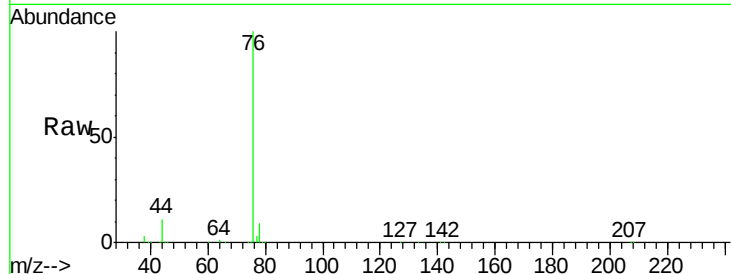




#17
Carbon Disulfide
Concen: 42.441 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

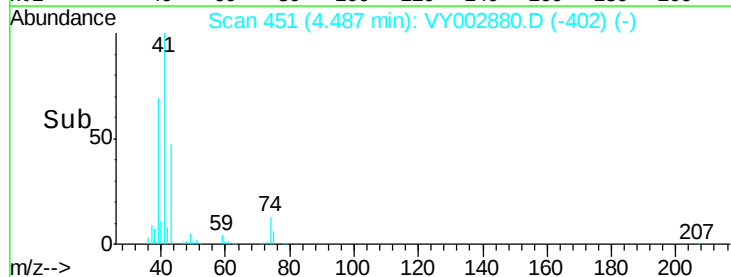
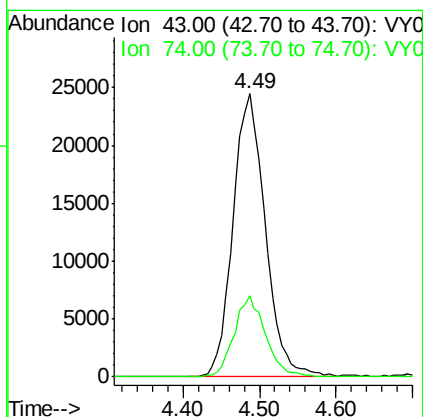
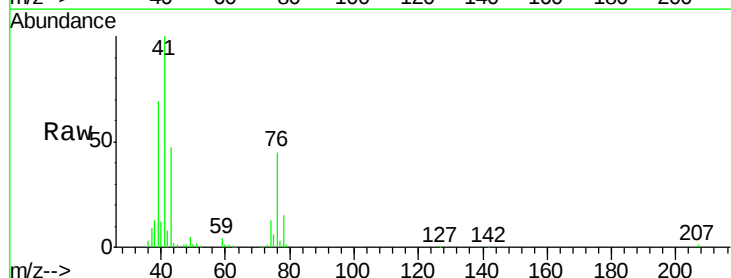
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 313843
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 48.857 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Tgt Ion: 43 Resp: 71832
Ion Ratio Lower Upper
43 100
74 27.5 21.4 32.0

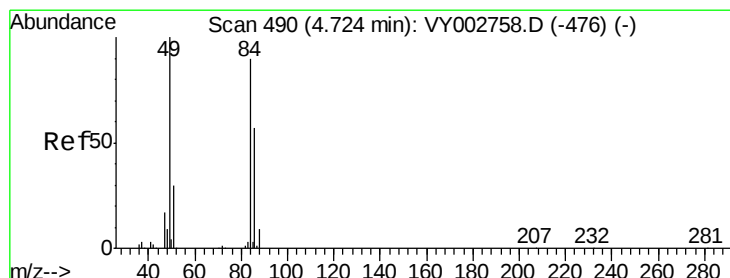
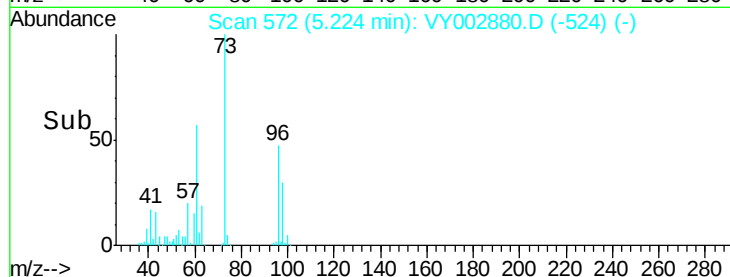
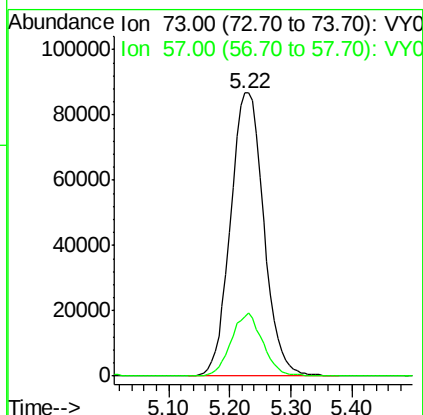
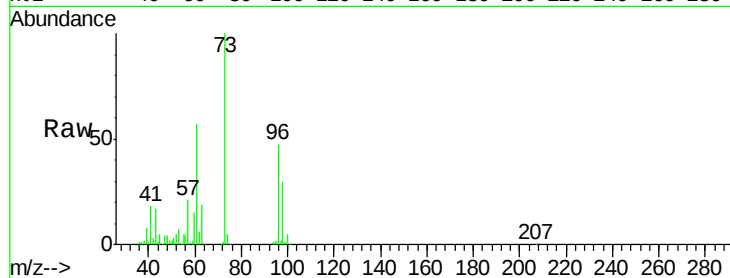




#19
Methvl tert-butvl Ether
Concen: 48.266 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

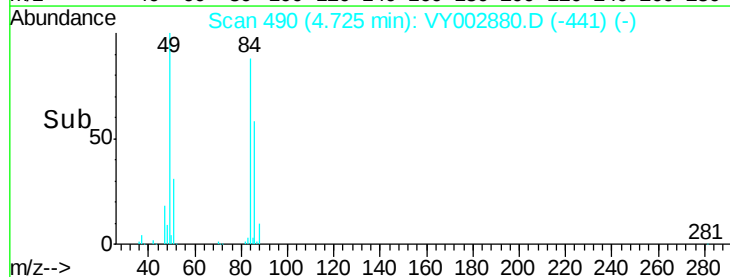
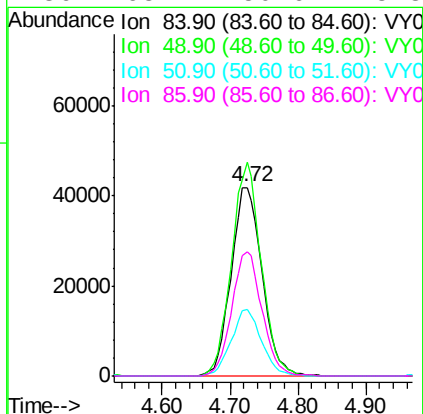
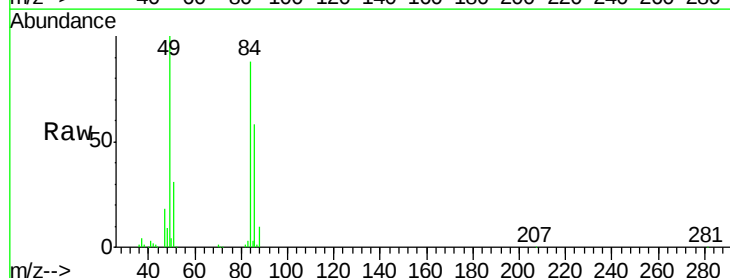
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 326070
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.4



#20
Methylene Chloride
Concen: 46.175 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Tgt Ion: 84 Resp: 132158
Ion Ratio Lower Upper
84 100
49 113.4 88.5 132.7
51 35.5 26.8 40.2
86 65.7 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 46.279 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

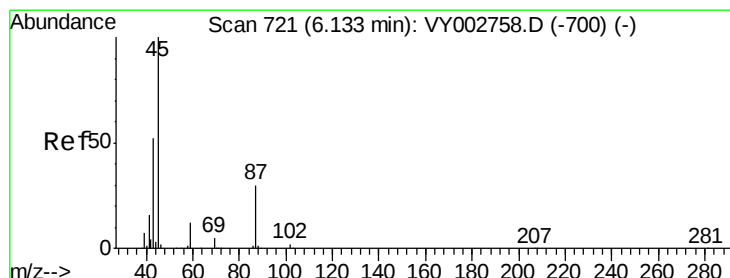
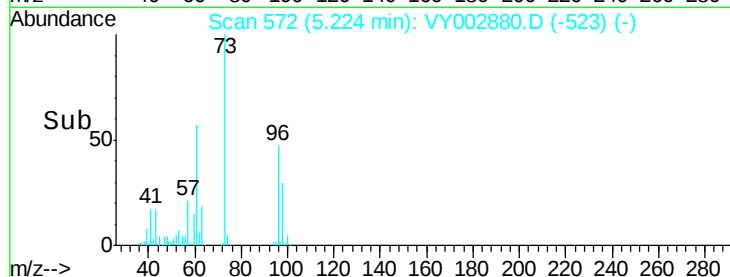
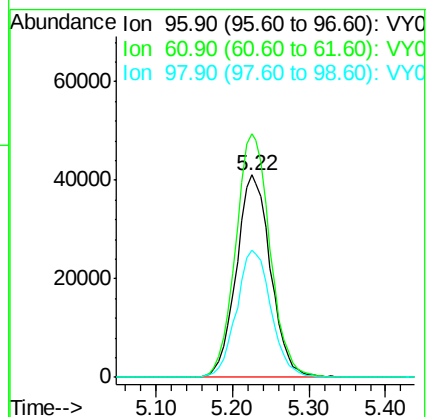
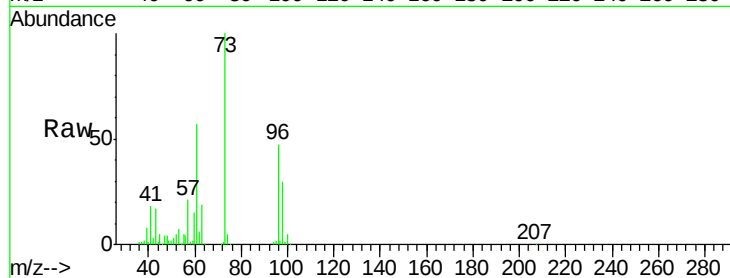
Tot Ion: 96 Resp: 127360

Ion Ratio Lower Upper

96 100

61 120.2 96.8 145.2

98 63.0 49.4 74.0



#22

Diisopropyl ether

Concen: 48.337 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Tgt Ion: 45 Resp: 352544

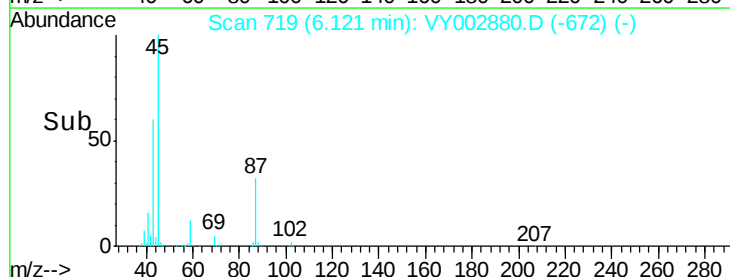
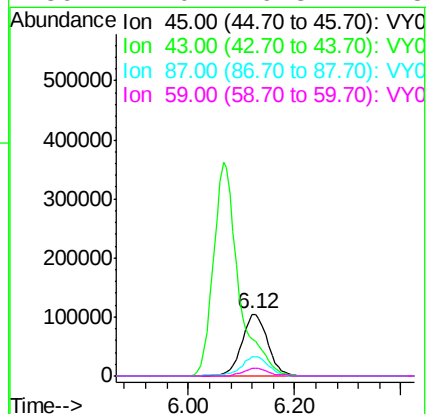
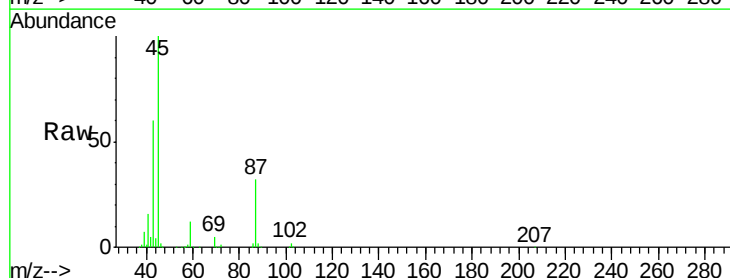
Ion Ratio Lower Upper

45 100

43 59.9 41.7 62.5

87 31.6 24.2 36.2

59 12.0 9.8 14.8





#23

Vinyl Acetate

Concen: 246.783 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

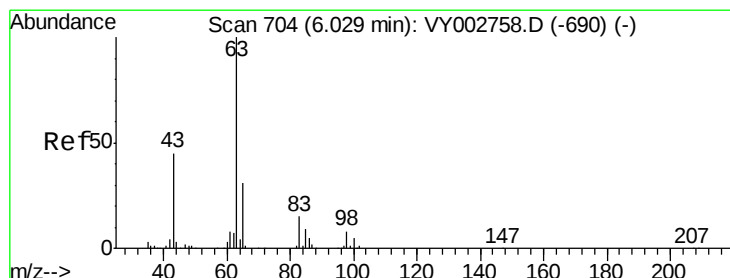
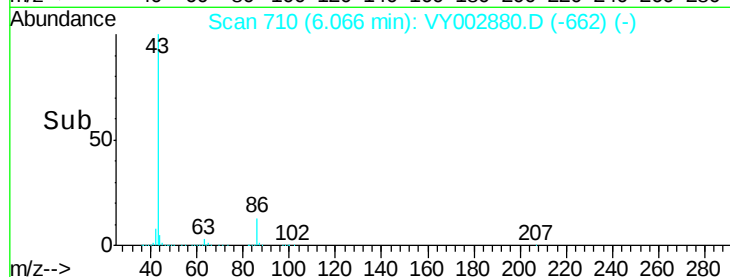
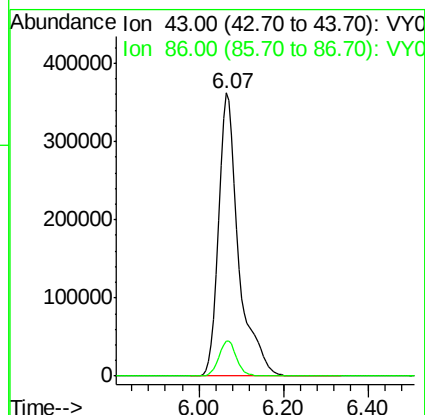
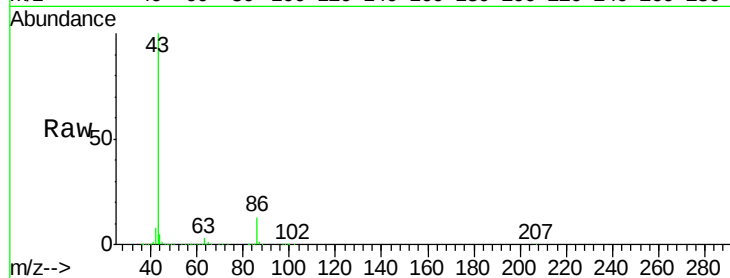
VSTDCCC050

Tot Ion: 43 Resp: 1188330

Ion Ratio Lower Upper

43 100

86 12.6 10.2 15.2



#24

1,1-Dichloroethane

Concen: 48.291 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

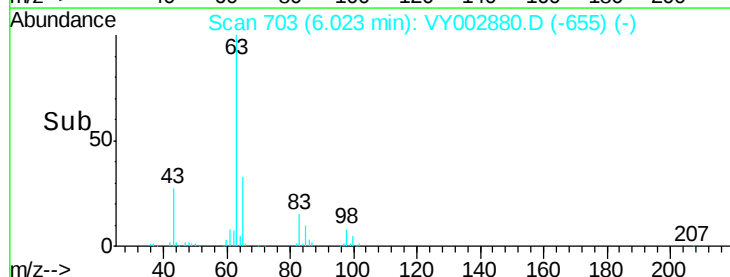
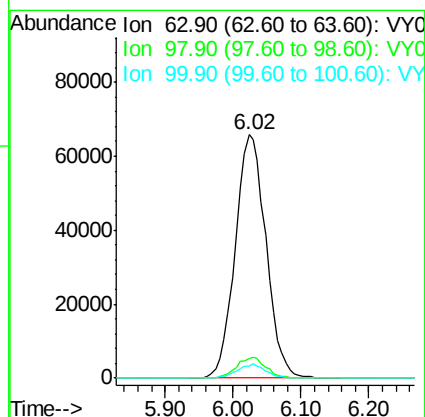
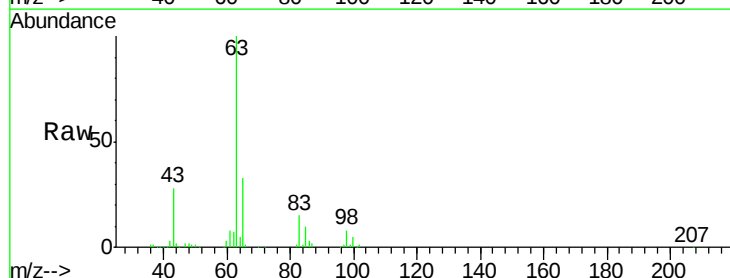
Tgt Ion: 63 Resp: 206032

Ion Ratio Lower Upper

63 100

98 7.8 4.0 12.2

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 251.265 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

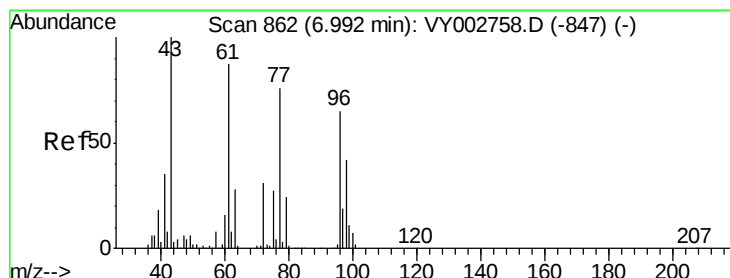
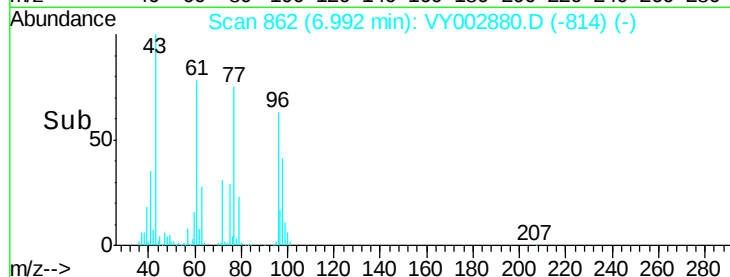
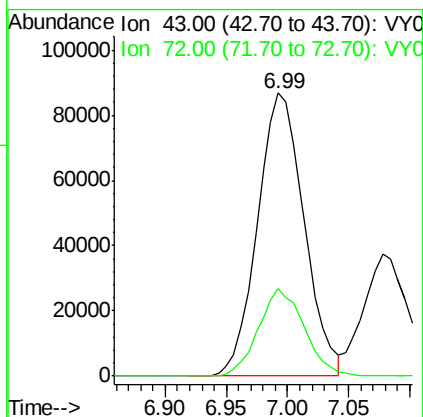
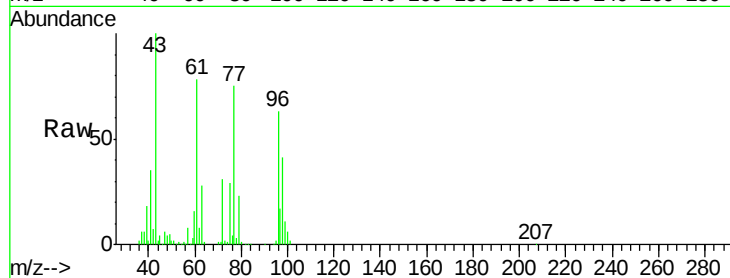
VSTDCCC050

Tot Ion: 43 Resp: 229271

Ion Ratio Lower Upper

43 100

72 30.7 23.9 35.9



#26

2,2-Dichloropropane

Concen: 47.971 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002880.D

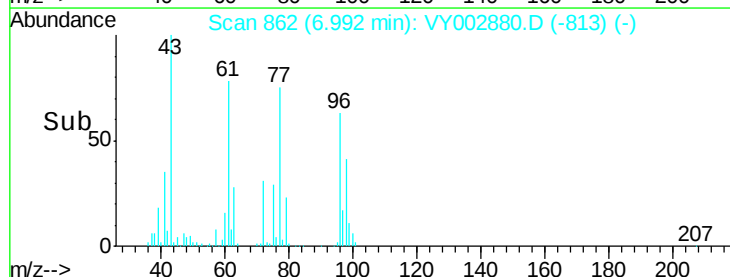
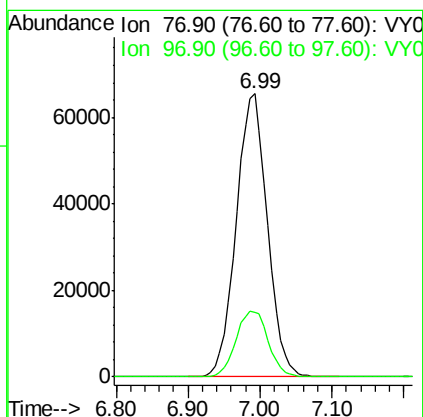
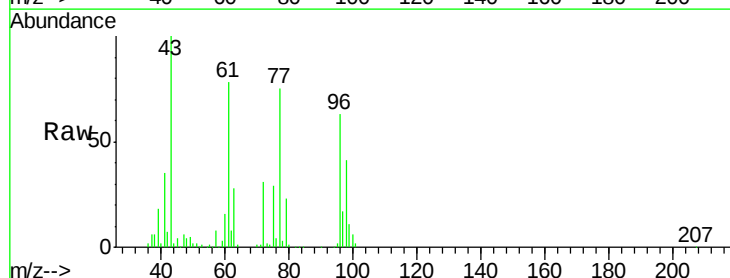
Acq: 11 Jun 2020 10:06

Tgt Ion: 77 Resp: 196290

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.6



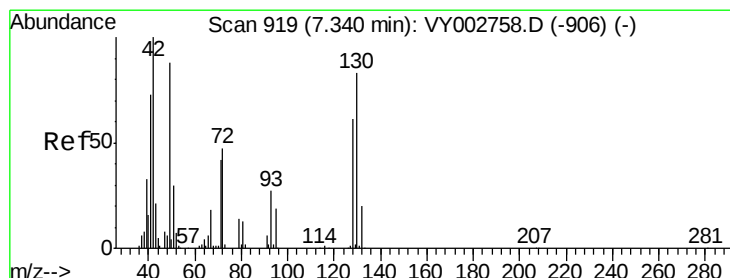
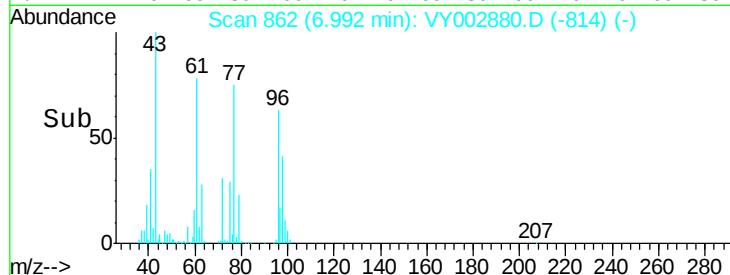
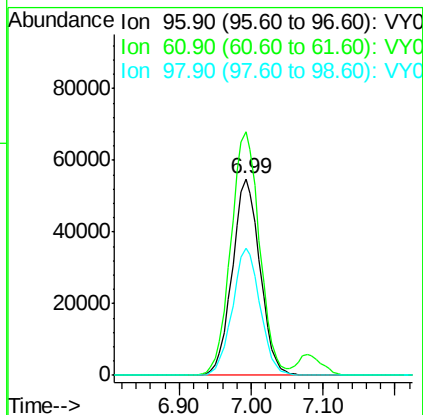
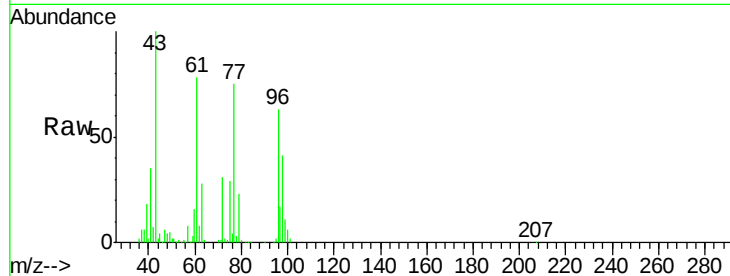


#27

cis-1,2-Dichloroethene
 Concen: 47.508 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

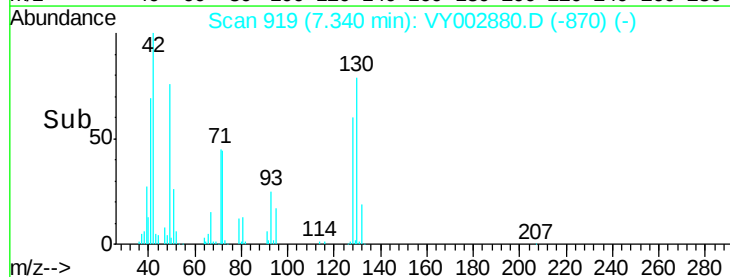
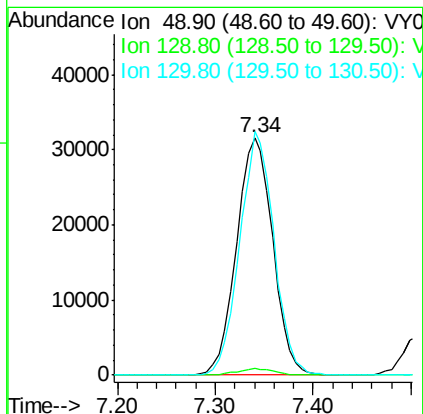
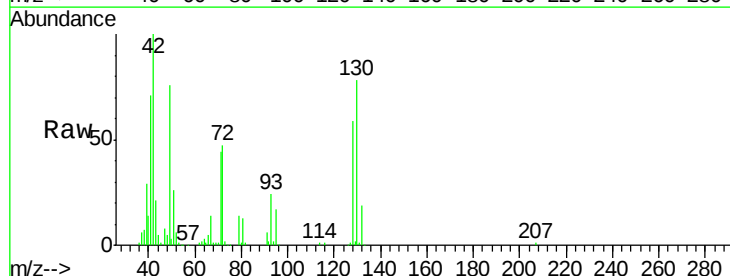
Tot Ion: 96 Resp: 146362
 Ion Ratio Lower Upper
 96 100
 61 128.3 0.0 260.2
 98 64.7 0.0 128.2

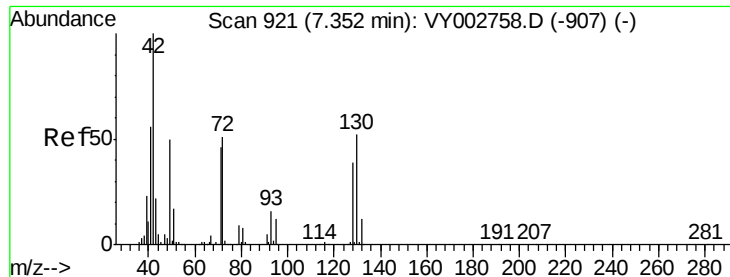


#28

Bromochloromethane
 Concen: 46.368 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

Tgt Ion: 49 Resp: 81211
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.2
 130 96.9 77.1 115.7





#29

Tetrahydrofuran

Concen: 239.434 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

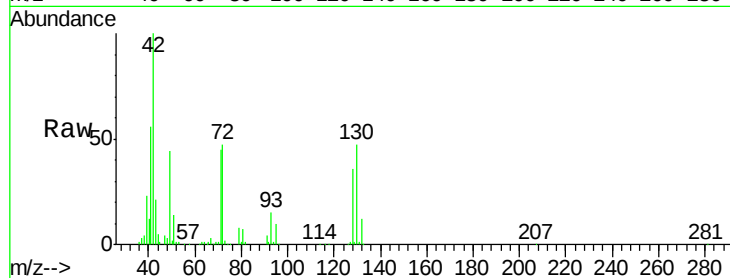
Tot Ion: 42 Resp: 142110

Ion Ratio Lower Upper

42 100

72 48.3 38.6 58.0

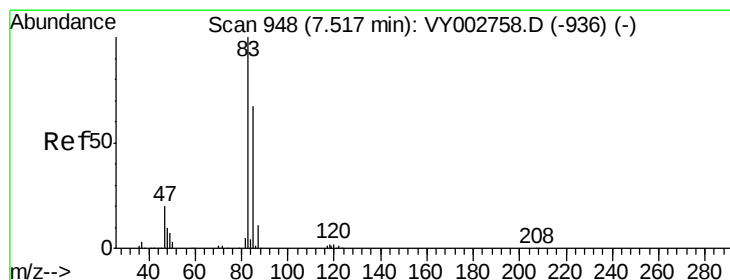
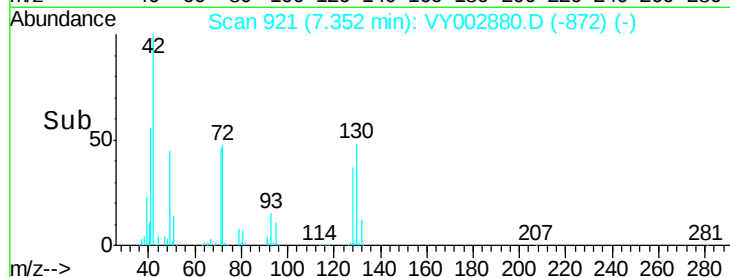
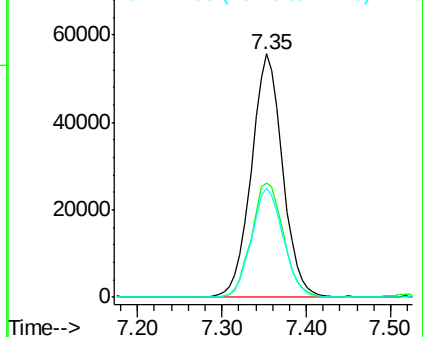
71 45.7 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 48.699 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002880.D

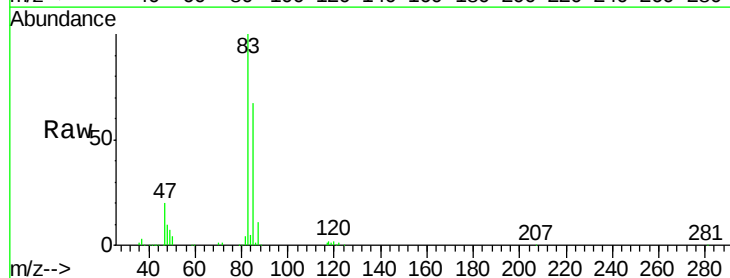
Acq: 11 Jun 2020 10:06

Tgt Ion: 83 Resp: 220477

Ion Ratio Lower Upper

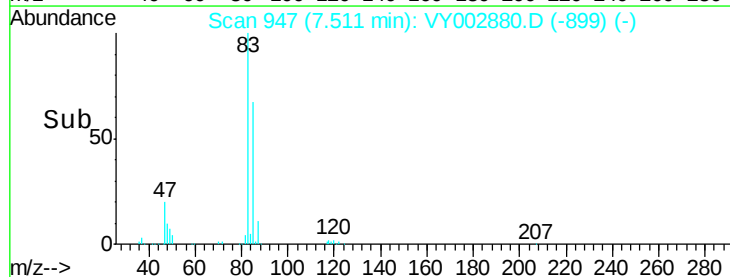
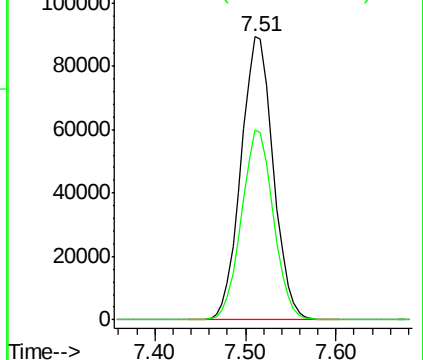
83 100

85 67.2 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 43.018 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

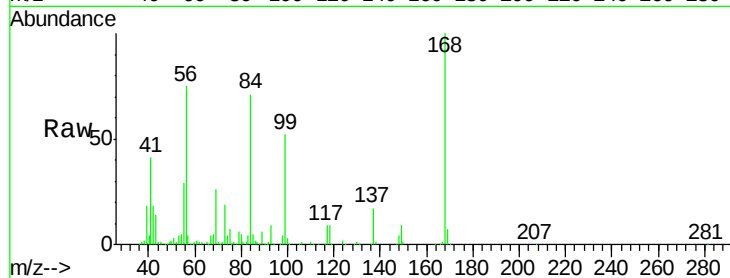
Tot Ion: 56 Resp: 182224

Ion Ratio Lower Upper

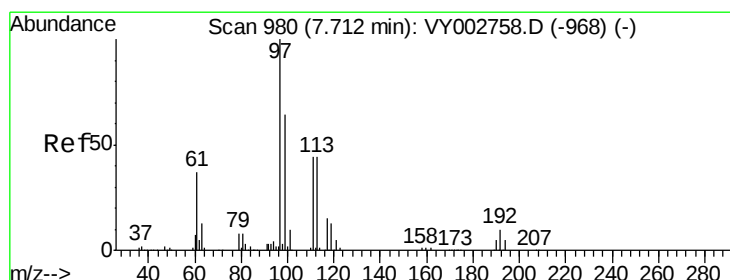
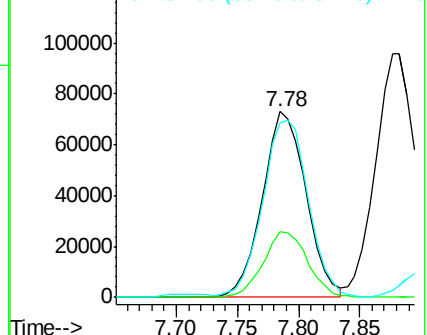
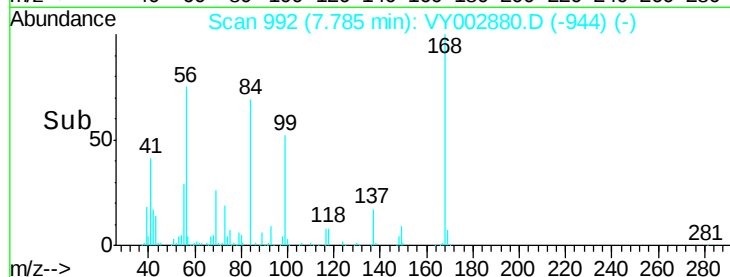
56 100

69 35.2 28.0 42.0

84 92.6 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 48.308 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

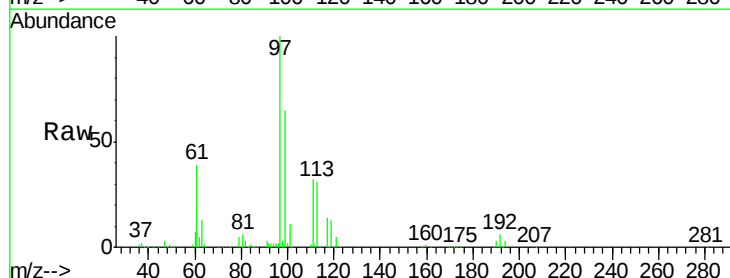
Tgt Ion: 97 Resp: 203802

Ion Ratio Lower Upper

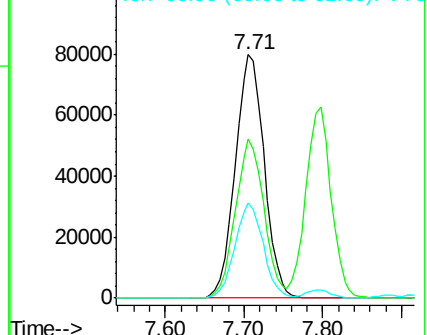
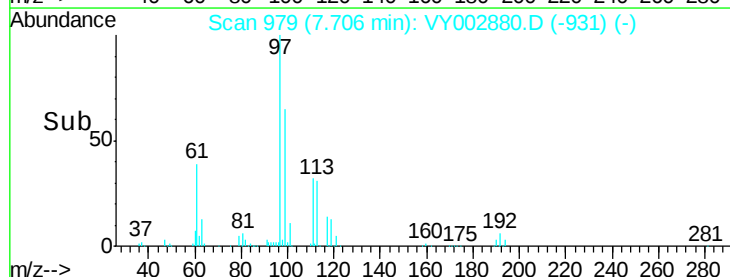
97 100

99 64.8 51.4 77.0

61 37.9 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

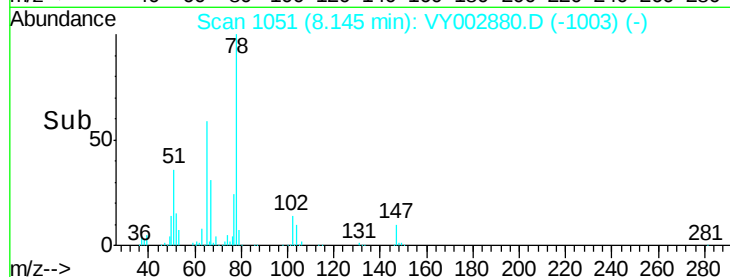
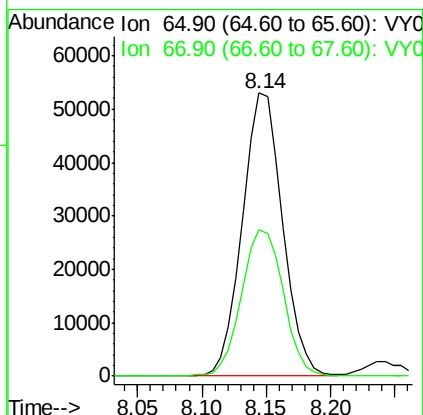
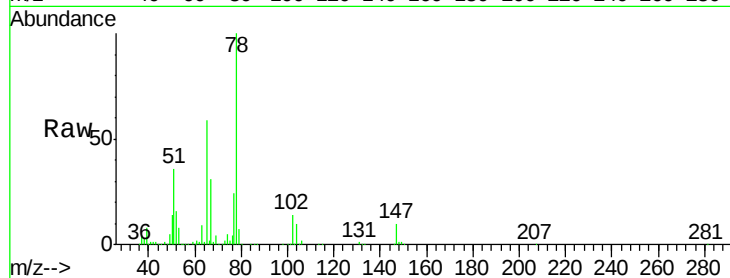




#33
 1,2-Dichloroethane-d4
 Concen: 45.926 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

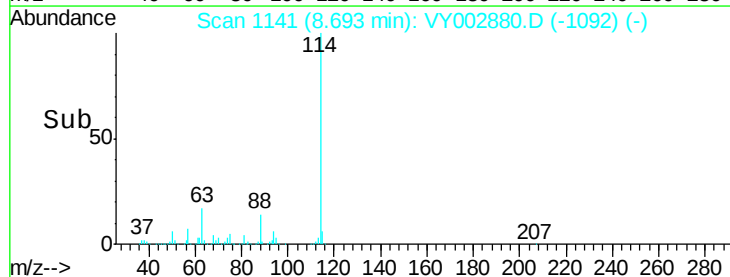
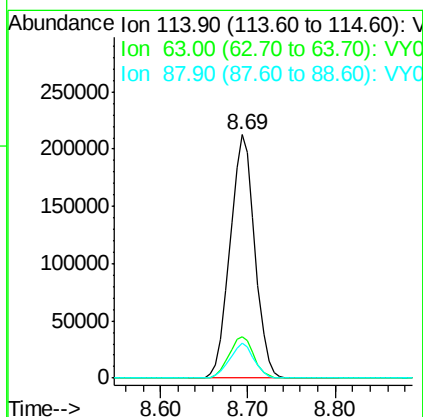
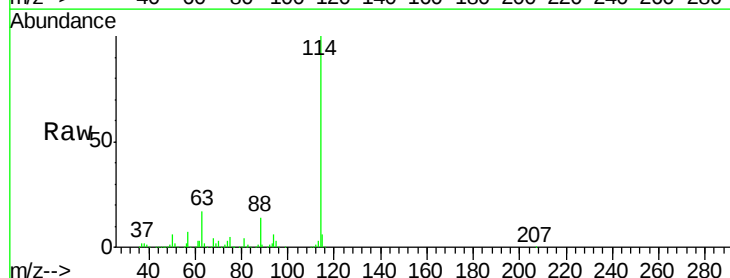
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 114706
 Ion Ratio Lower Upper
 65 100
 67 53.8 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: VY002880.D
 Acq: 11 Jun 2020 10:06

Tgt Ion: 114 Resp: 416452
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.2
 88 14.5 0.0 29.2

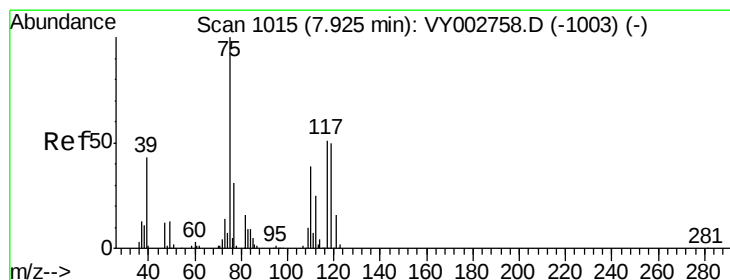
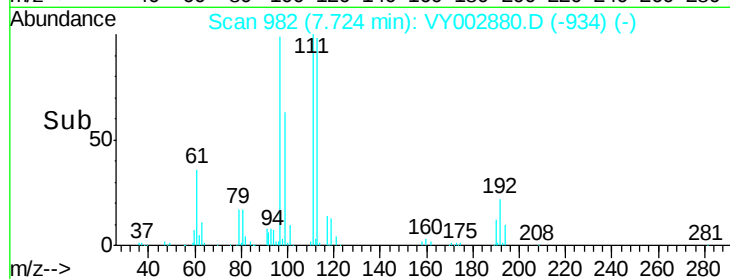
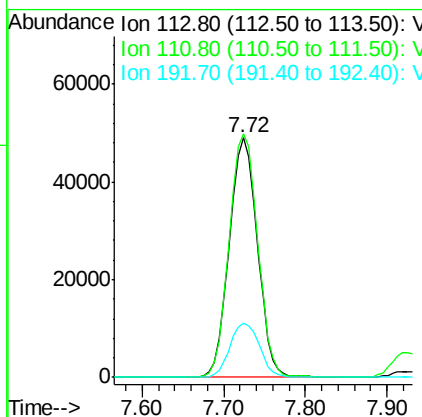
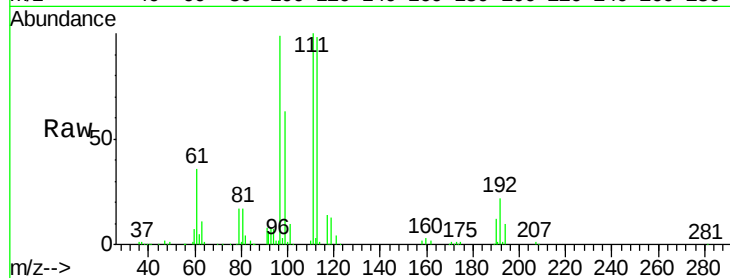




#35
 Dibromofluoromethane
 Concen: 47.830 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

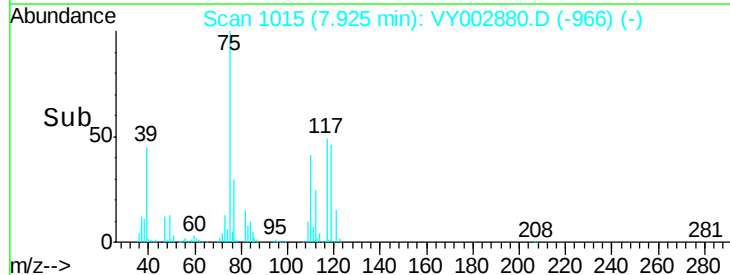
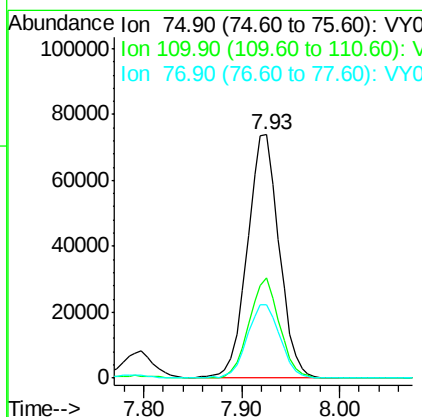
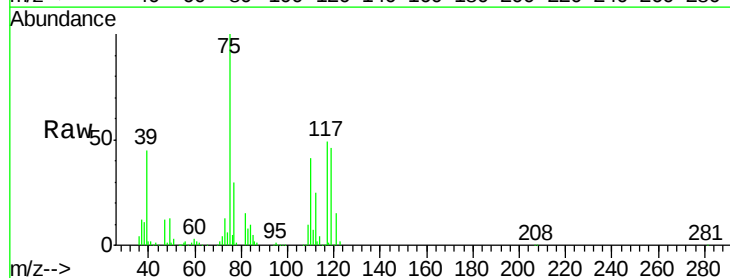
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

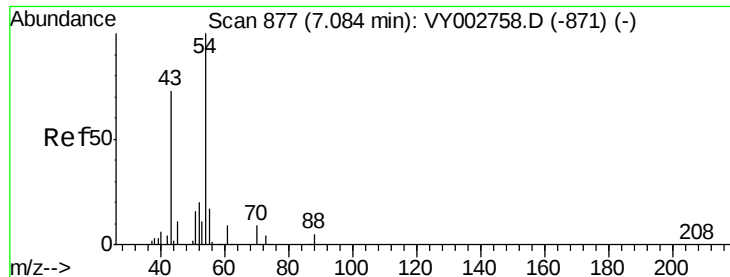
Tot Ion:113 Resp: 116734
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.0 123.0
 192 23.5 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 47.749 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

Tgt Ion: 75 Resp: 167507
 Ion Ratio Lower Upper
 75 100
 110 39.3 19.3 57.9
 77 31.2 24.8 37.2

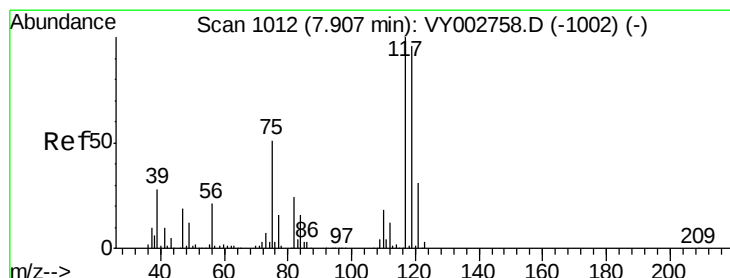
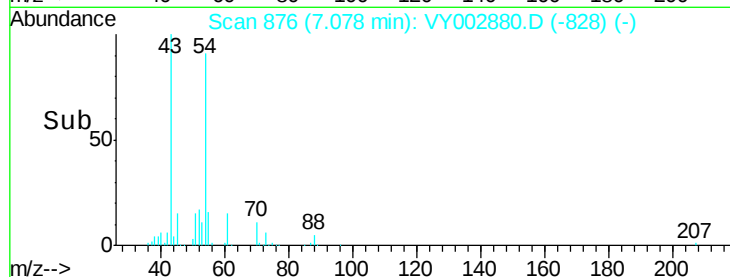
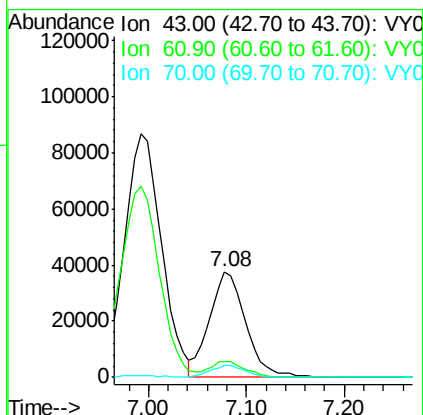
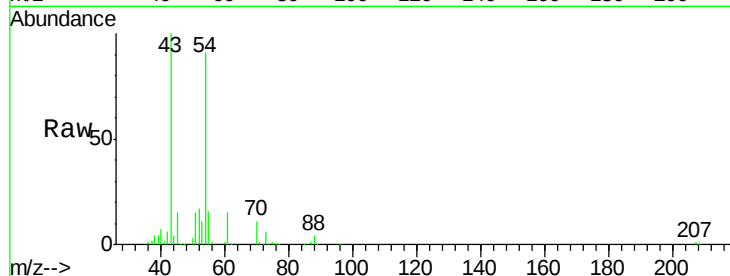




#37
Ethyl Acetate
Concen: 50.434 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

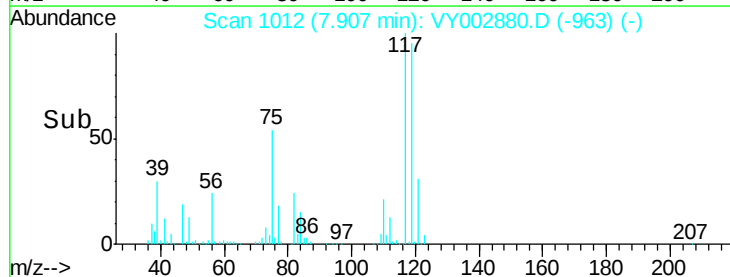
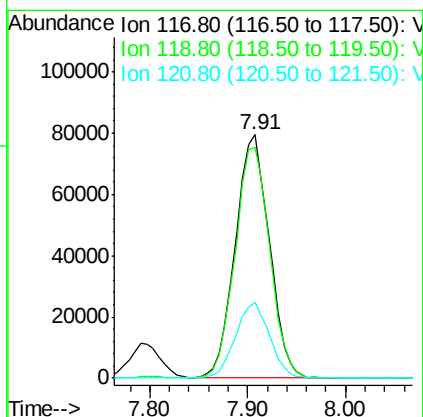
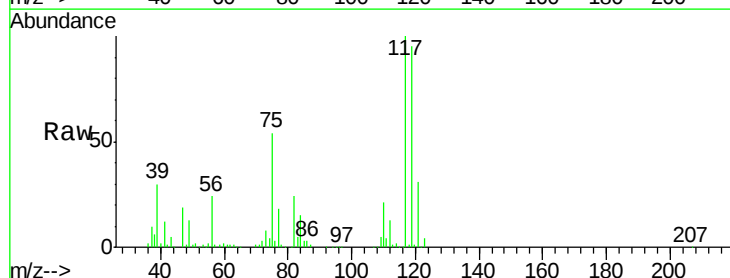
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

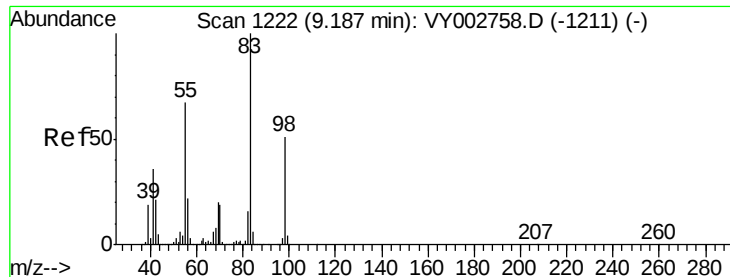
Tot Ion: 43 Resp: 96262
Ion Ratio Lower Upper
43 100
61 15.0 11.9 17.9
70 11.5 9.1 13.7



#38
Carbon Tetrachloride
Concen: 49.328 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Tgt Ion: 117 Resp: 192239
Ion Ratio Lower Upper
117 100
119 94.6 76.8 115.2
121 31.1 24.8 37.2

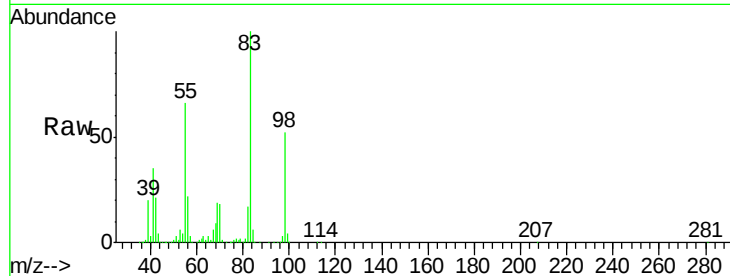




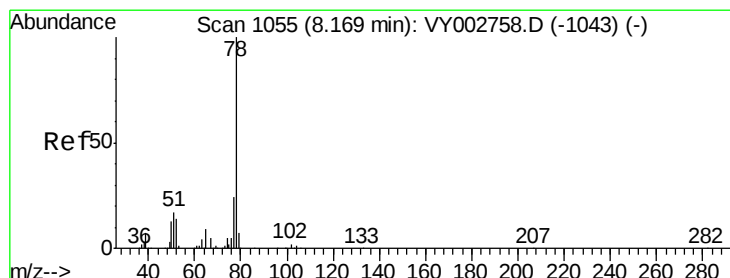
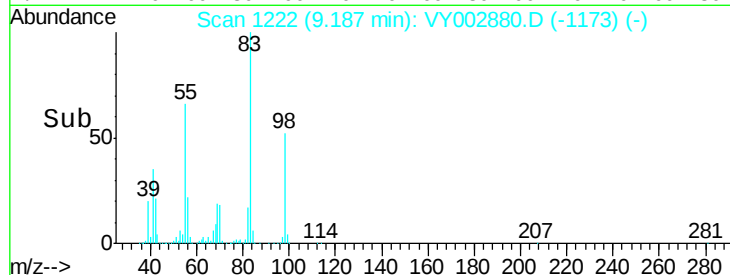
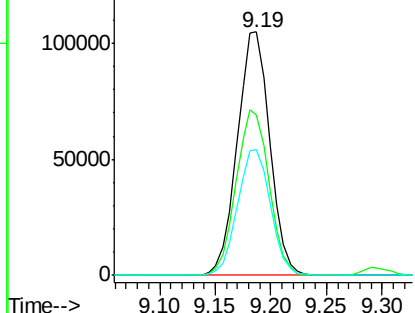
#39
Methvlcvclohexane
Concen: 45.985 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 212636
Ion Ratio Lower Upper
83 100
55 65.8 53.3 79.9
98 51.7 41.1 61.7

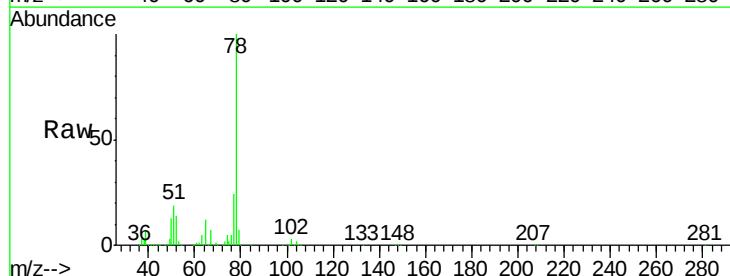


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

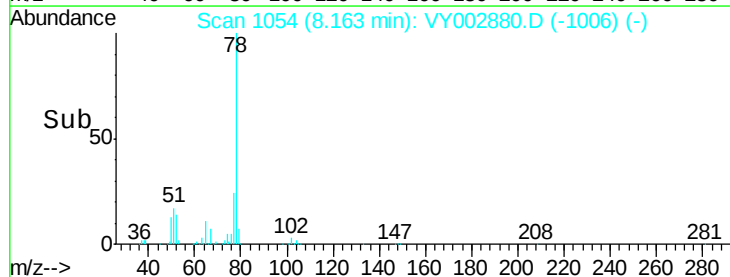
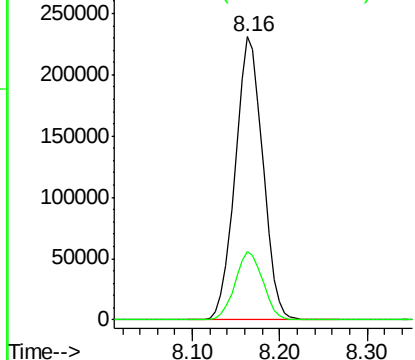


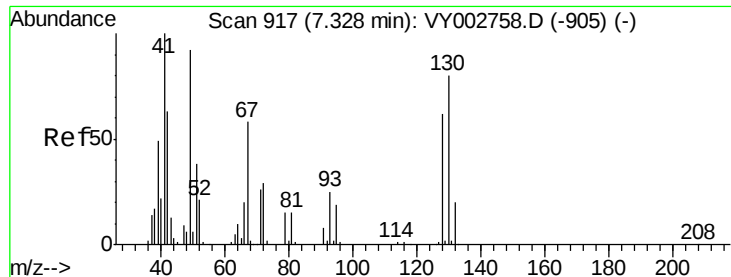
#40
Benzene
Concen: 48.852 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Tgt Ion: 78 Resp: 506388
Ion Ratio Lower Upper
78 100
77 24.1 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: 49.599 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 50858

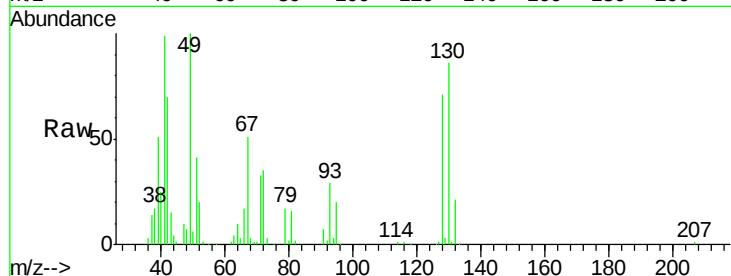
Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

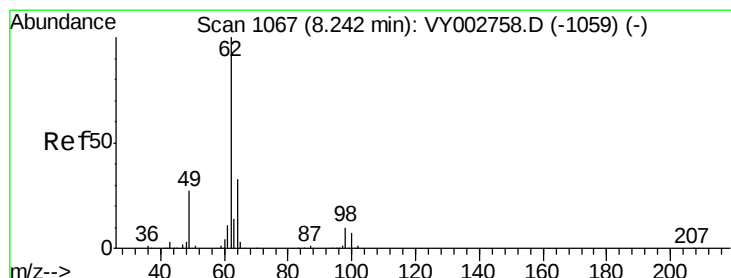
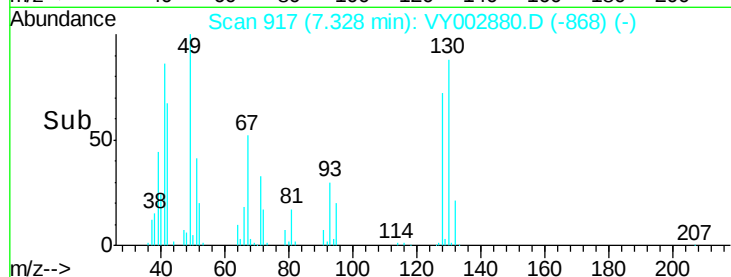
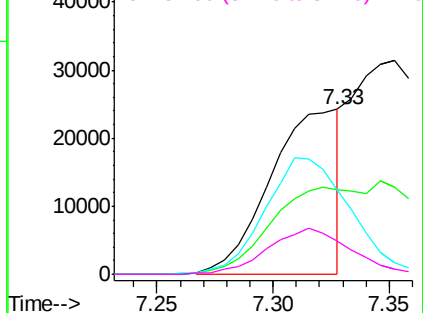


Abundance Ion 41.00 (40.70 to 41.70): VY002880.D (-868) (-)

Ion 39.00 (38.70 to 39.70): VY002880.D (-868) (-)

Ion 67.00 (66.70 to 67.70): VY002880.D (-868) (-)

Ion 52.00 (51.70 to 52.70): VY002880.D (-868) (-)



#42

1,2-Dichloroethane

Concen: 49.403 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002880.D

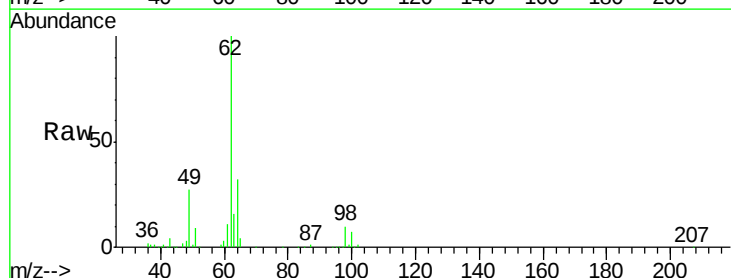
Acq: 11 Jun 2020 10:06

Tgt Ion: 62 Resp: 143518

Ion Ratio Lower Upper

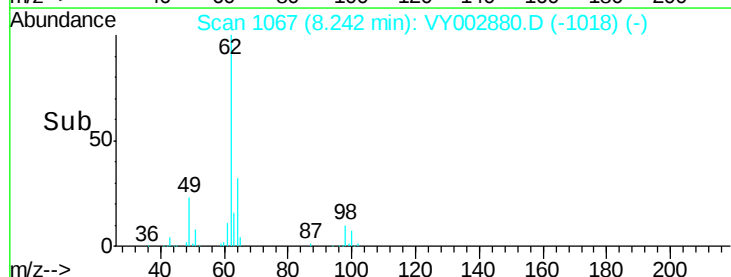
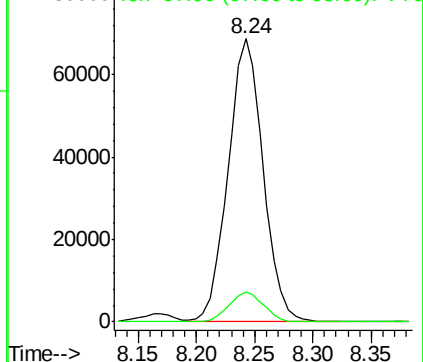
62 100

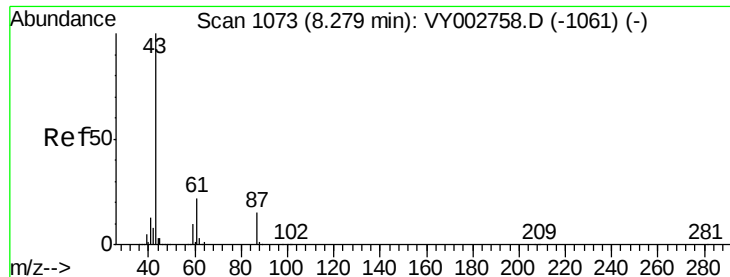
98 10.5 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY002880.D (-1018) (-)

Ion 97.90 (97.60 to 98.60): VY002880.D (-1018) (-)



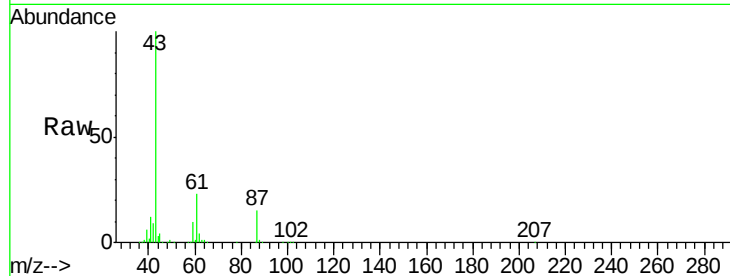


#43

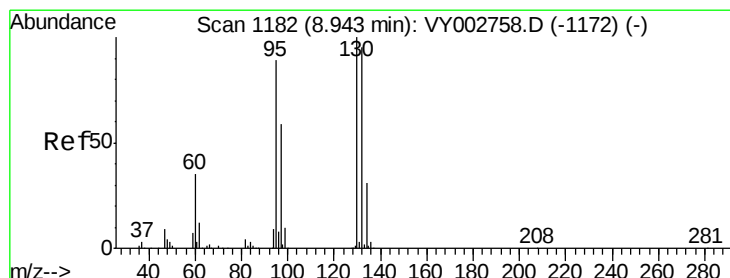
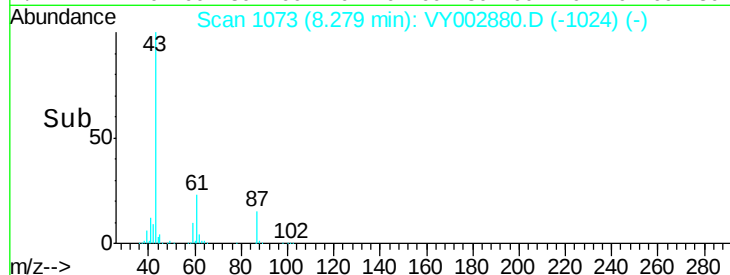
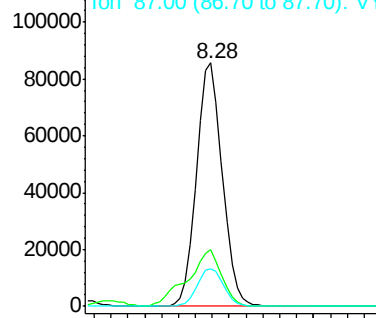
Isopropyl Acetate
 Concen: 49.442 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 178828
 Ion Ratio Lower Upper
 43 100
 61 30.8 24.8 37.2
 87 15.9 12.4 18.6



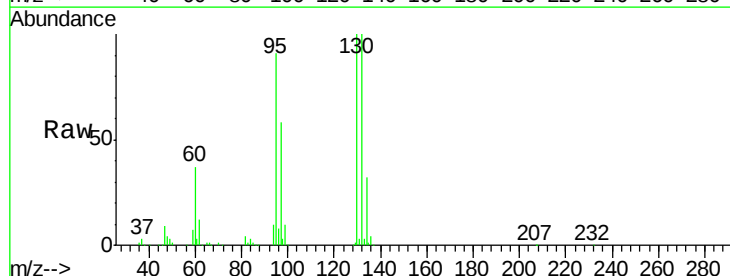
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



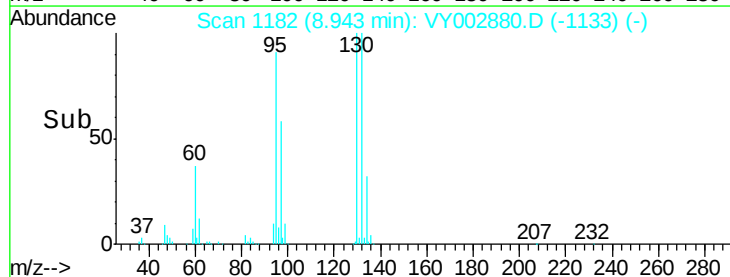
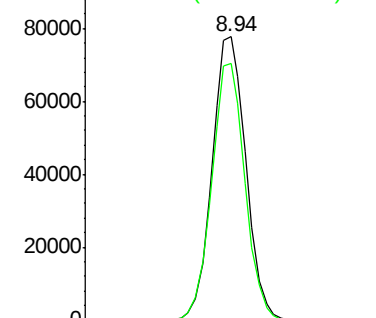
#44

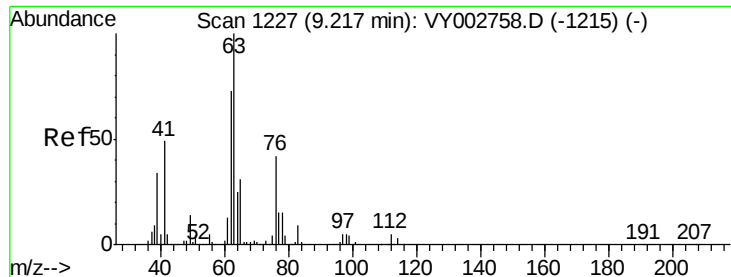
Trichloroethene
 Concen: 47.646 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

Tgt Ion: 130 Resp: 156002
 Ion Ratio Lower Upper
 130 100
 95 90.6 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 48.880 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

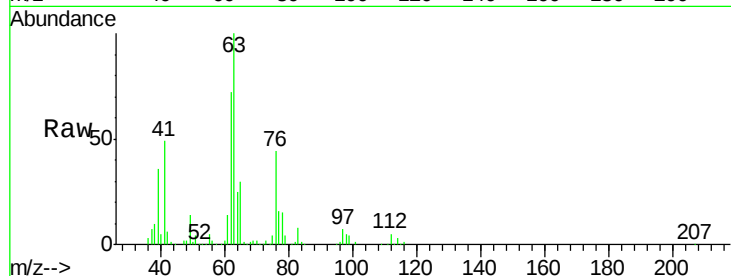
VSTDCCC050

Tot Ion: 63 Resp: 121506

Ion Ratio Lower Upper

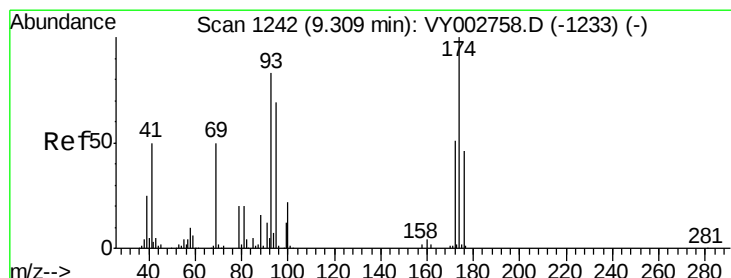
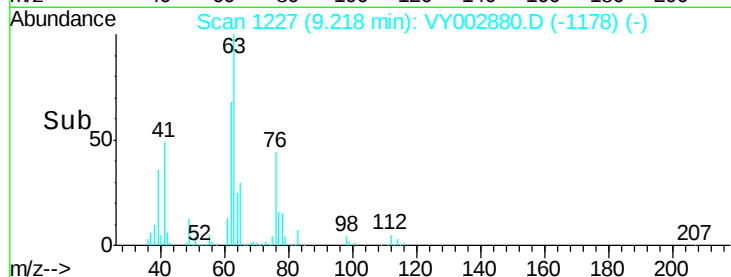
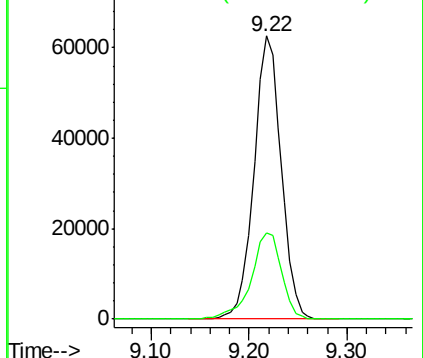
63 100

65 30.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 48.999 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

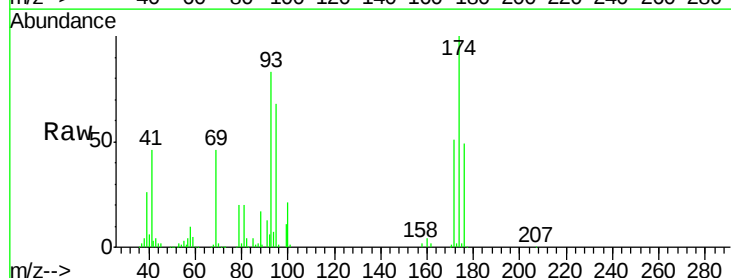
Tgt Ion: 93 Resp: 72337

Ion Ratio Lower Upper

93 100

95 83.7 66.9 100.3

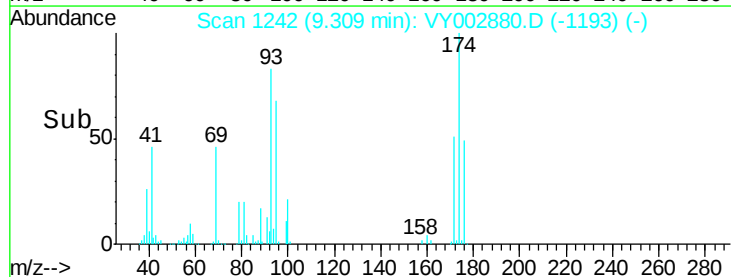
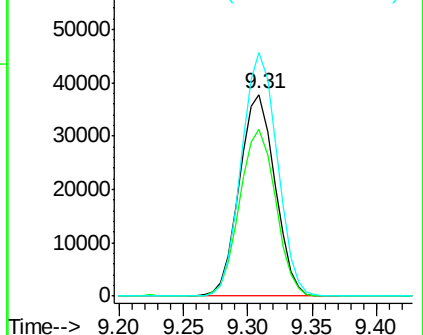
174 121.0 97.7 146.5

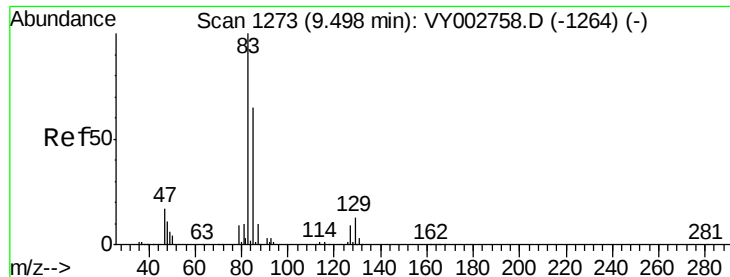


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.586 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

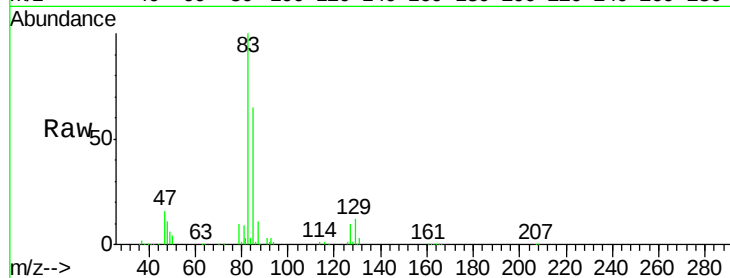
Tot Ion: 83 Resp: 176053

Ion Ratio Lower Upper

83 100

85 65.3 51.9 77.9

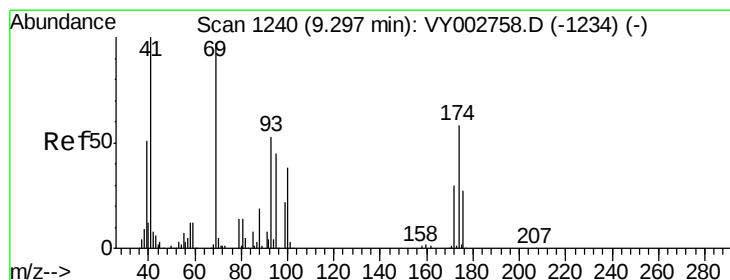
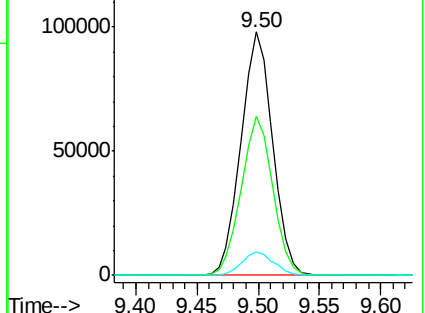
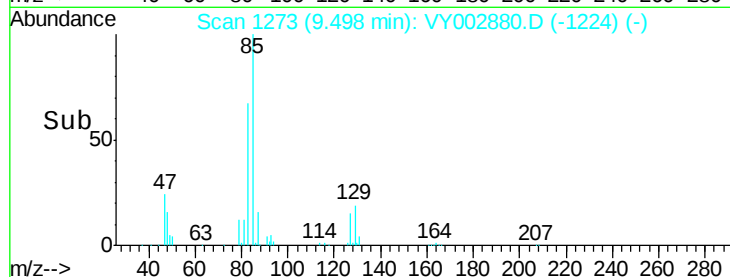
127 9.8 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY002880.D (-1224) (-)

Ion 84.90 (84.60 to 85.60): VY002880.D (-1224) (-)

Ion 126.80 (126.50 to 127.50): VY002880.D (-1224) (-)



#48

Methyl methacrylate

Concen: 49.663 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

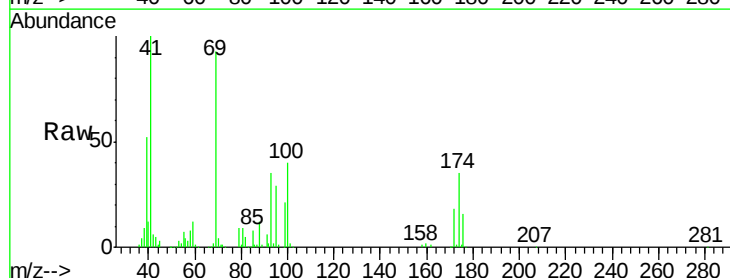
Tgt Ion: 41 Resp: 81090

Ion Ratio Lower Upper

41 100

69 97.7 79.7 119.5

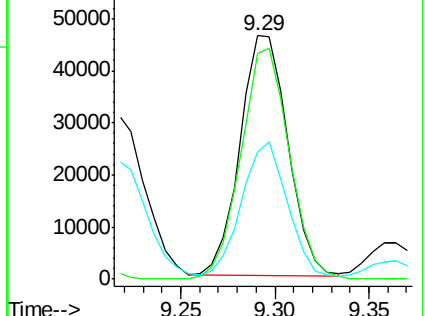
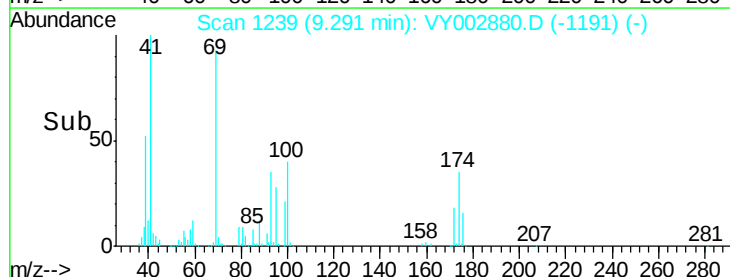
39 55.9 43.3 64.9

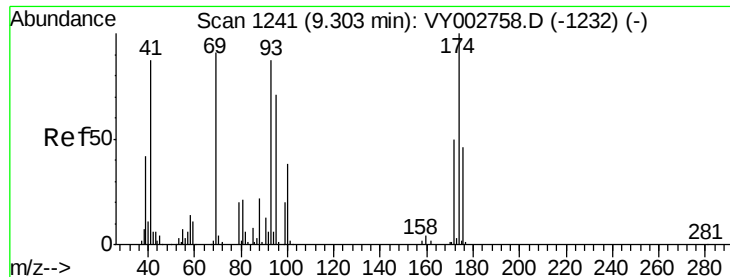


Abundance Ion 41.00 (40.70 to 41.70): VY002880.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY002880.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY002880.D (-1191) (-)

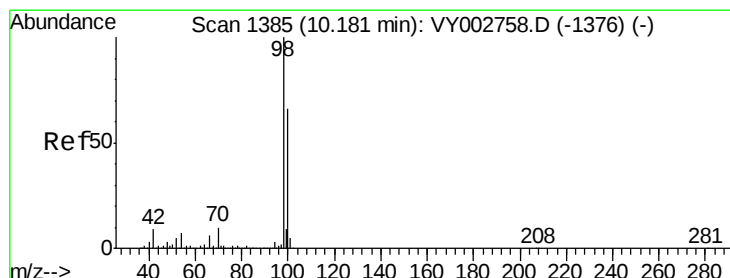
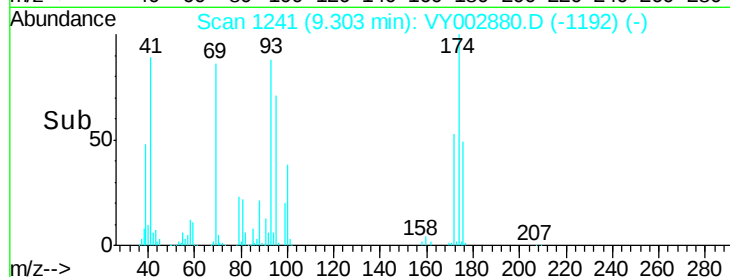
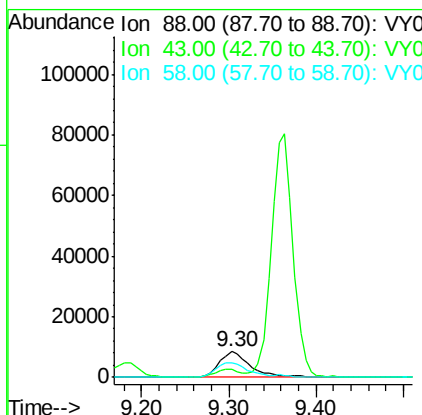
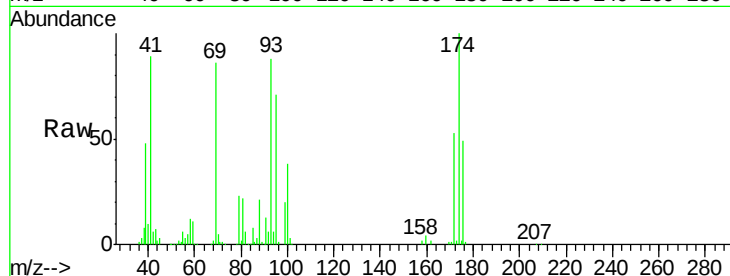




#49
1,4-Dioxane
Concen: 930.656 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

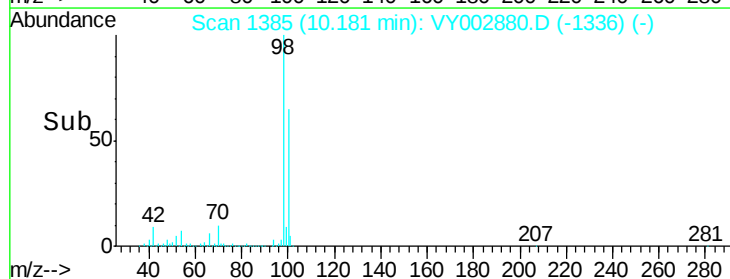
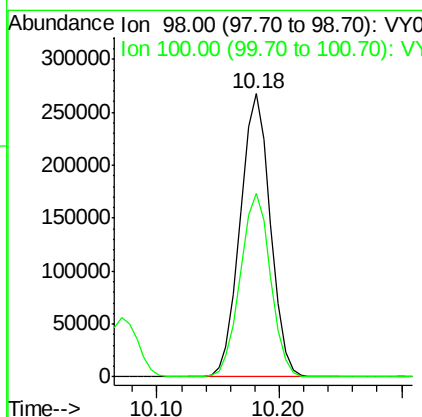
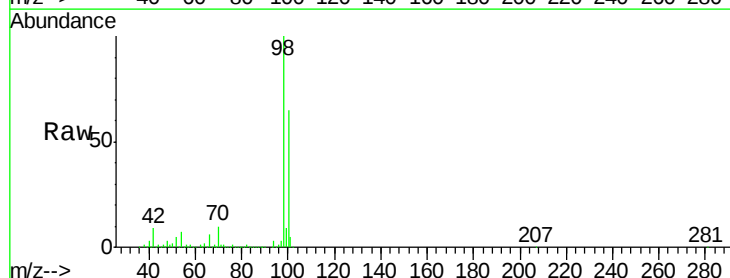
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

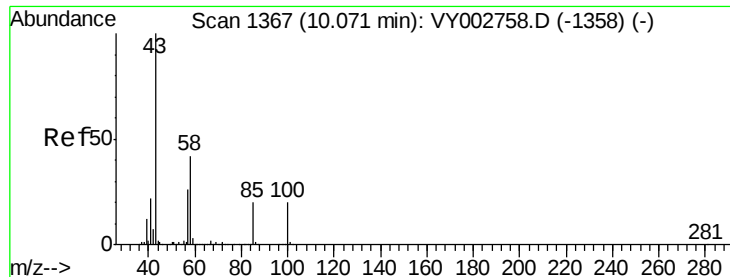
Tot Ion: 88 Resp: 21096
Ion Ratio Lower Upper
88 100
43 27.6 21.3 31.9
58 65.5 52.2 78.2



#50
Toluene-d8
Concen: 46.235 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Tgt Ion: 98 Resp: 456250
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2

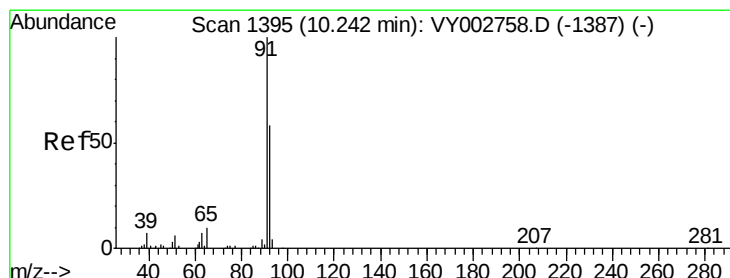
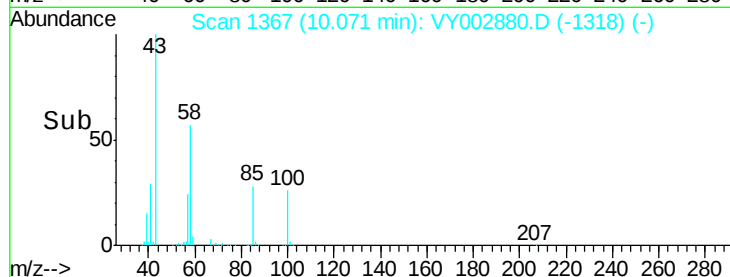
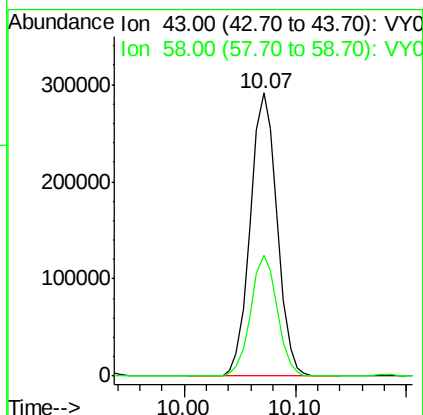
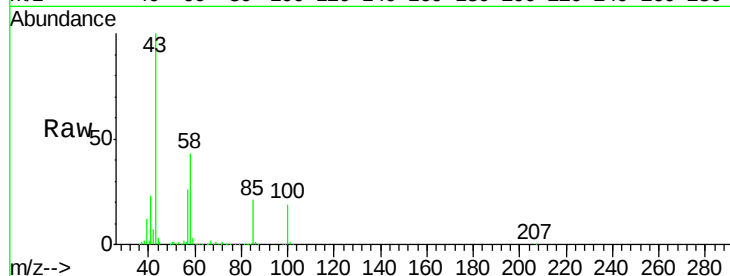




#51
 4-Methyl-2-Pentanone
 Concen: 255.804 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

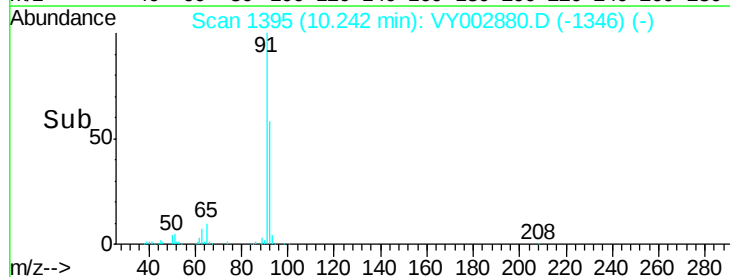
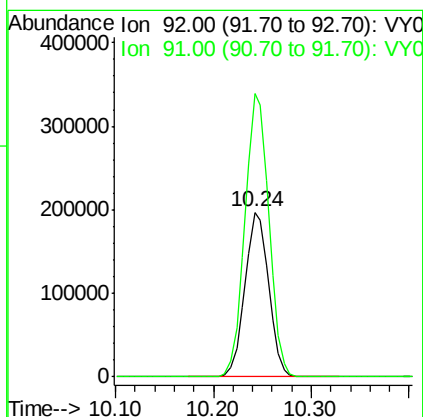
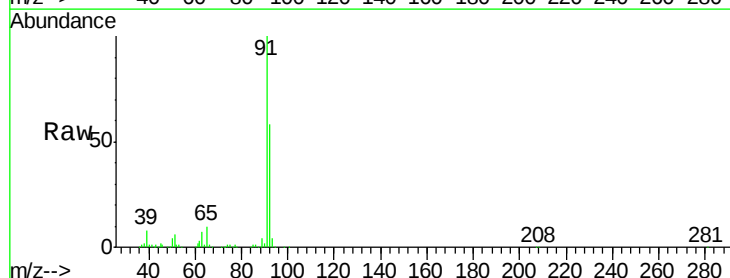
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

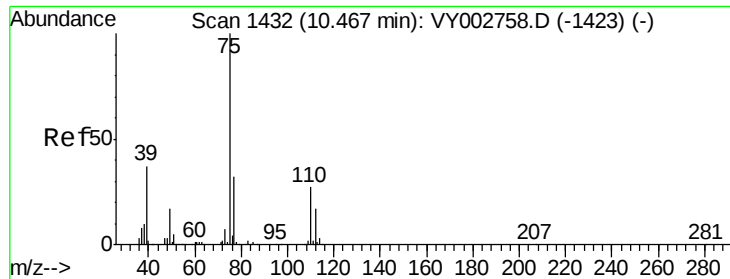
Tot Ion: 43 Resp: 489930
 Ion Ratio Lower Upper
 43 100
 58 42.2 34.2 51.2



#52
 Toluene
 Concen: 48.801 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

Tgt Ion: 92 Resp: 330922
 Ion Ratio Lower Upper
 92 100
 91 173.7 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 50.300 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampled :

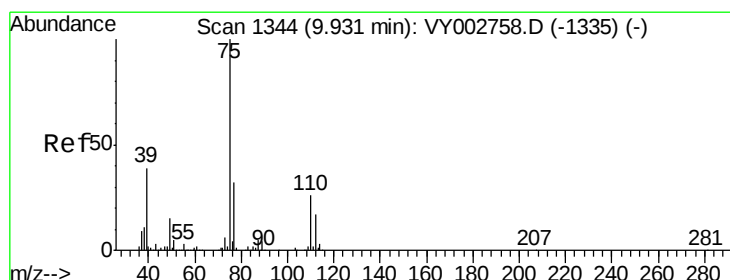
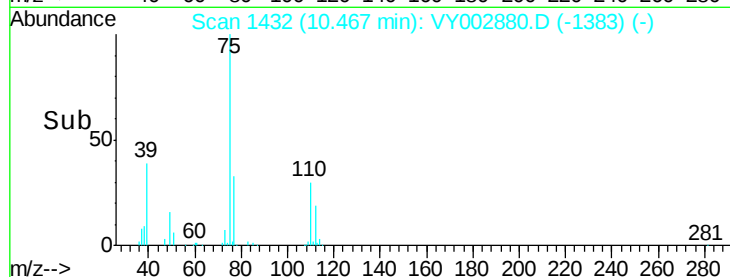
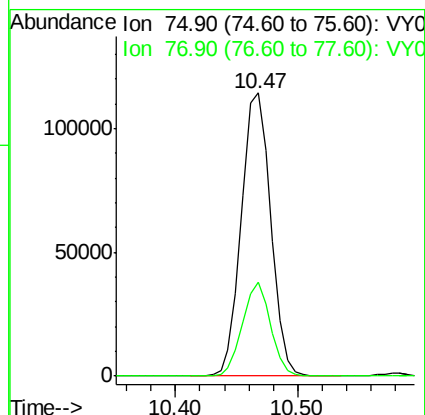
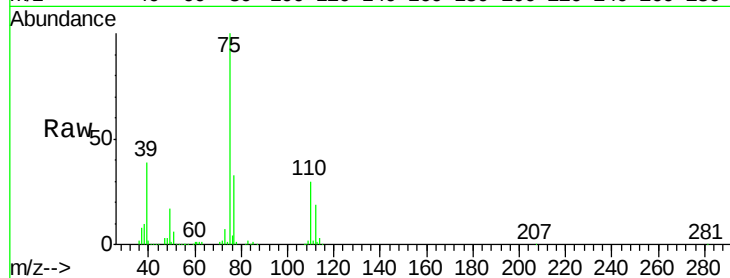
VSTDCCC050

Tot Ion: 75 Resp: 191209

Ion Ratio Lower Upper

75 100

77 33.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 49.712 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

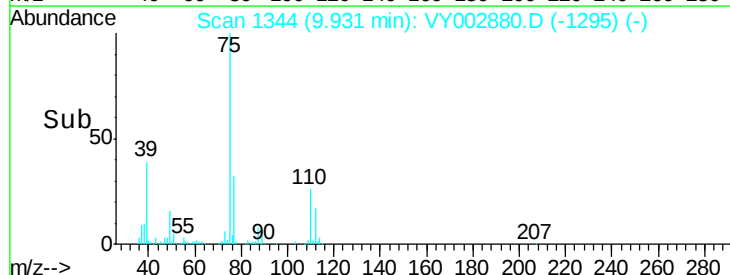
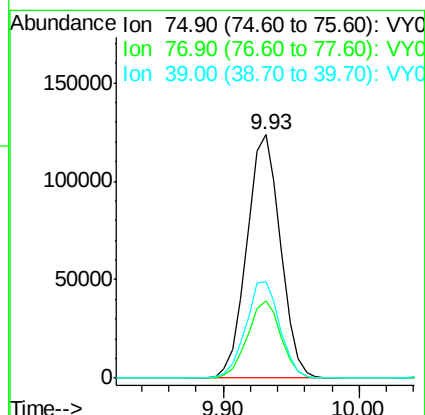
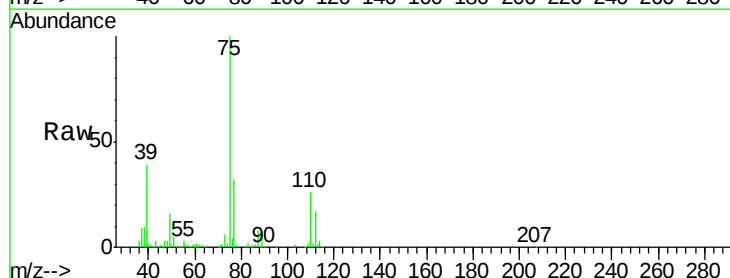
Tgt Ion: 75 Resp: 214126

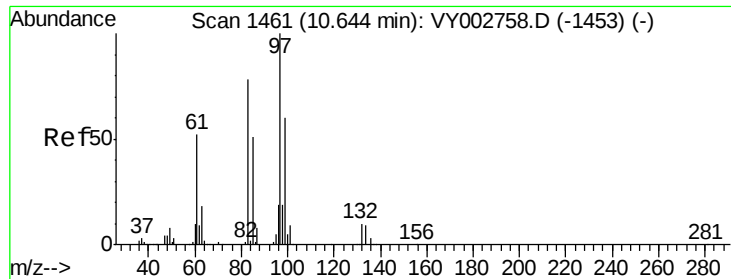
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 39.4 31.3 46.9

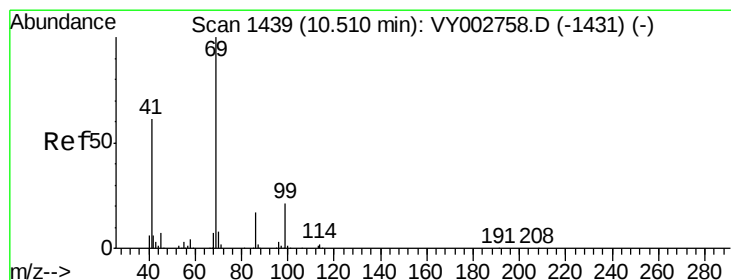
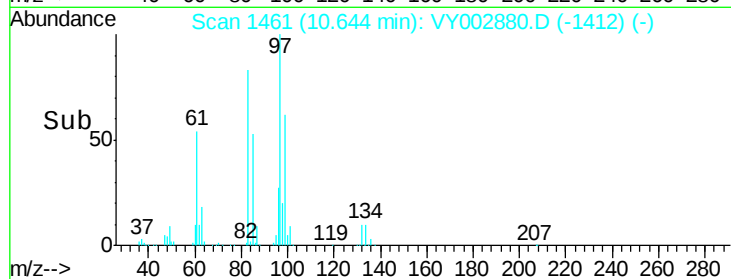
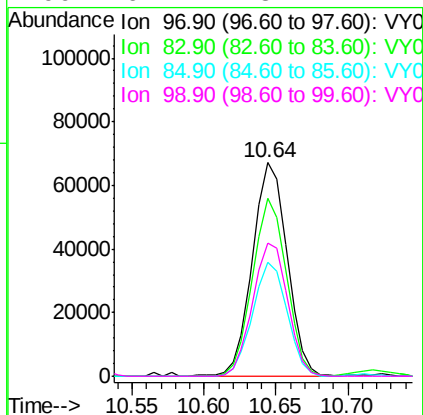
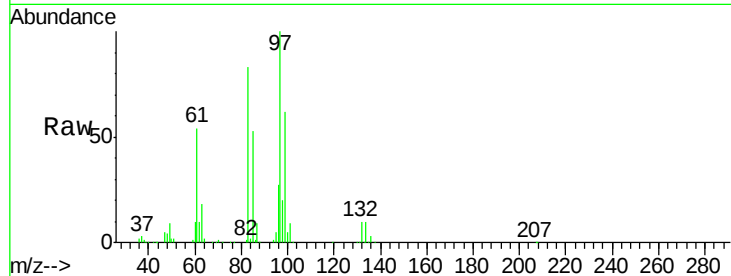




#55
 1,1,2-Trichloroethane
 Concen: 49.573 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

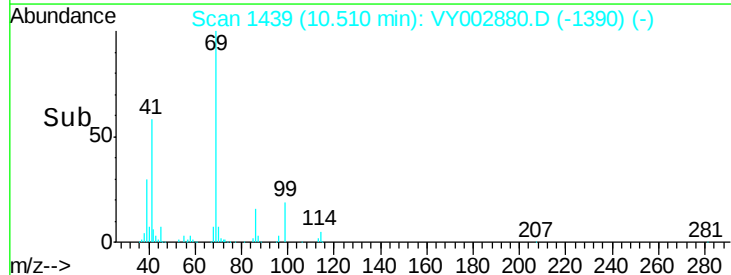
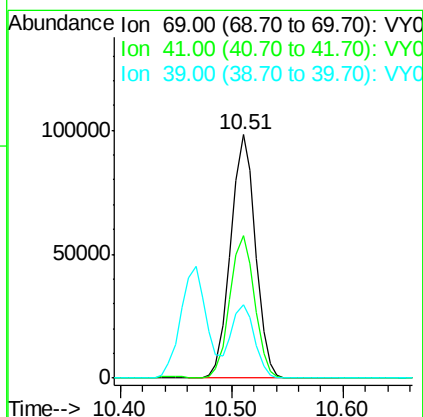
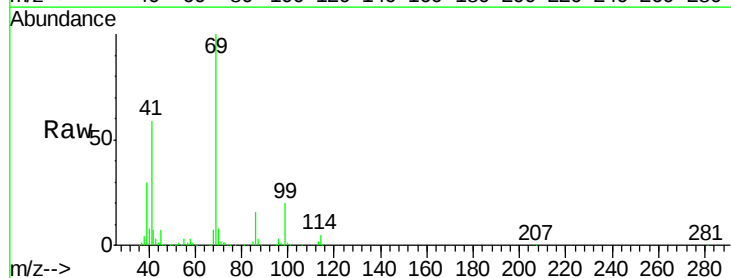
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	112041
Ion	Ratio	Lower	Upper
97	100		
83	83.0	62.7	94.1
85	53.5	40.6	60.8
99	62.4	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 50.061 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

Tgt Ion:	69	Resp:	151547
Ion	Ratio	Lower	Upper
69	100		
41	58.0	47.0	70.4
39	28.0	22.0	33.0





#57

1,3-Dichloropropane

Concen: 49.186 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

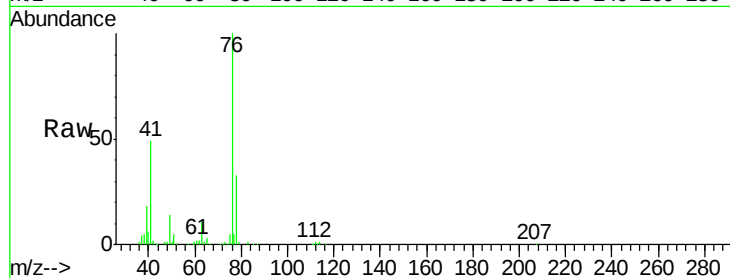
VSTDCCC050

Tot Ion: 76 Resp: 182848

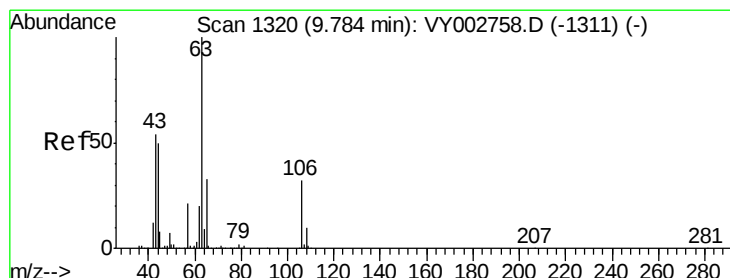
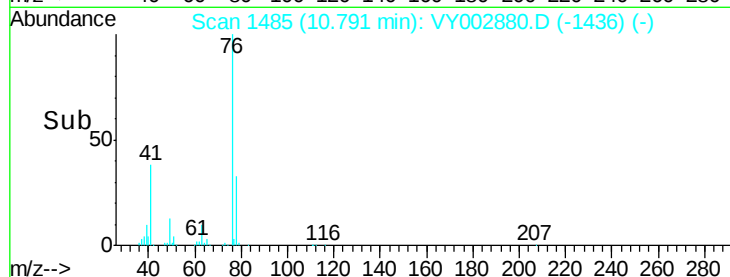
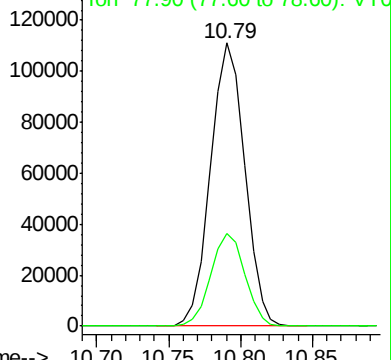
Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY002880.D (-1436) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 247.359 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002880.D

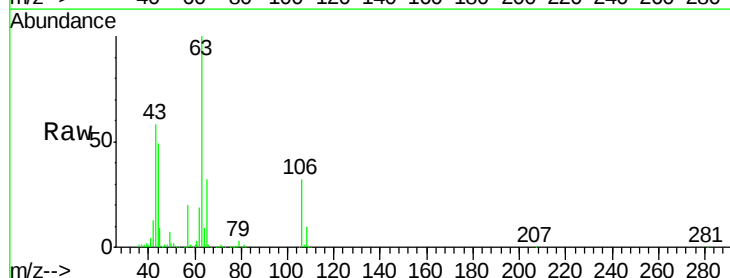
Acq: 11 Jun 2020 10:06

Tgt Ion: 63 Resp: 365894

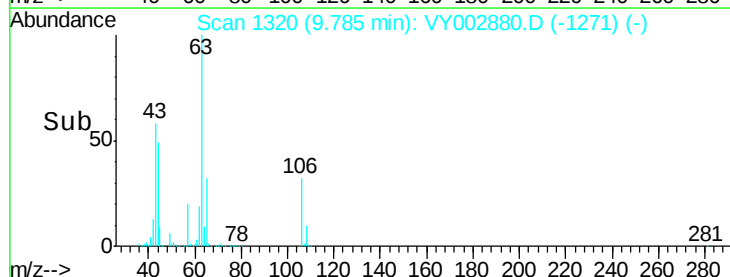
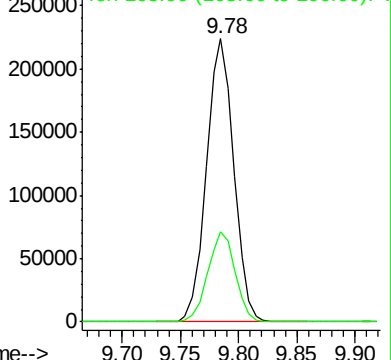
Ion Ratio Lower Upper

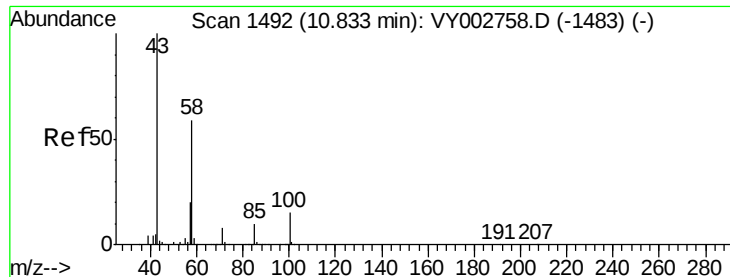
63 100

106 31.8 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY002880.D (-1271) (-)

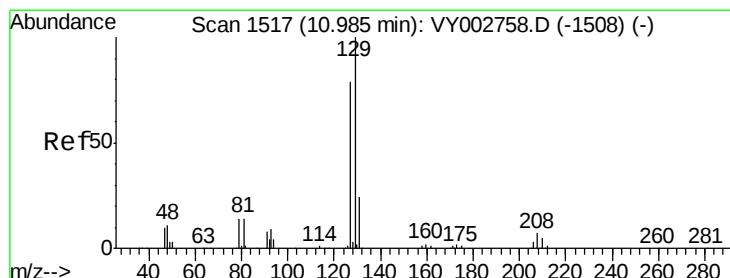
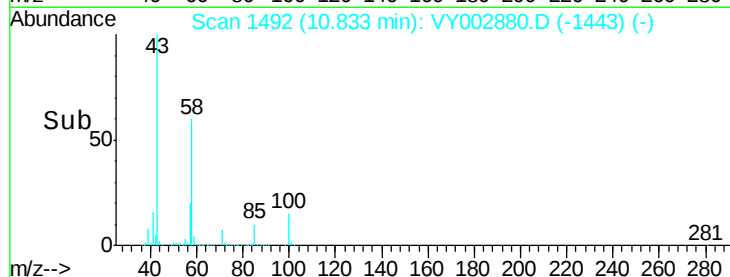
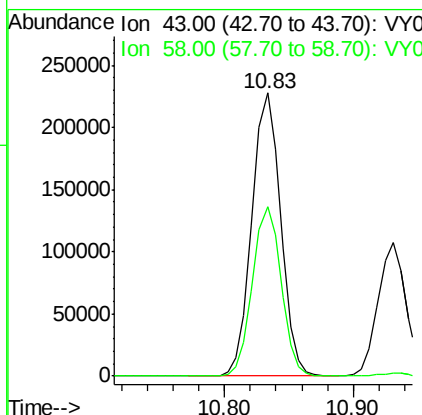
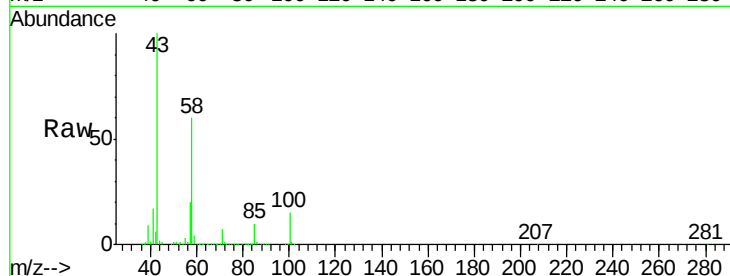




#59
2-Hexanone
Concen: 258.398 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

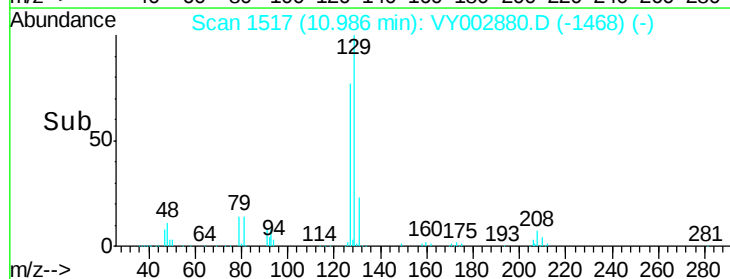
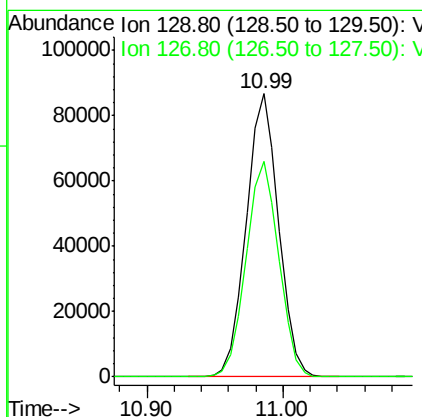
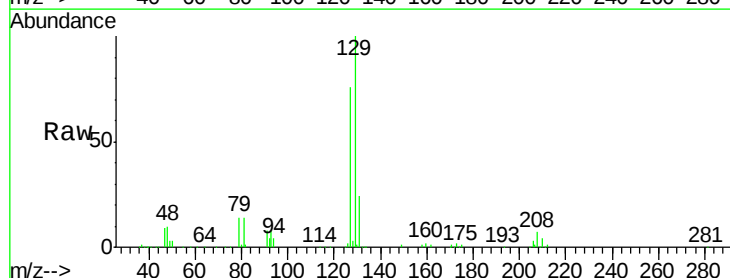
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

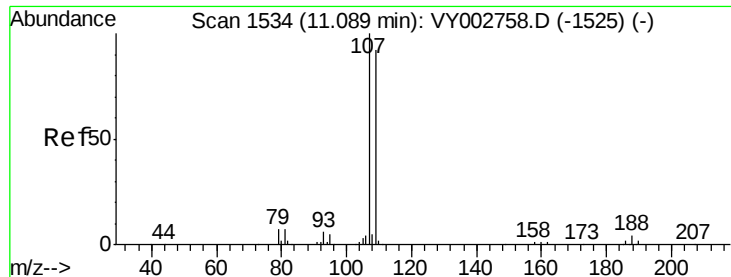
Tot Ion: 43 Resp: 351143
Ion Ratio Lower Upper
43 100
58 59.7 29.5 88.5



#60
Dibromochloromethane
Concen: 50.367 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Tgt Ion: 129 Resp: 144325
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3

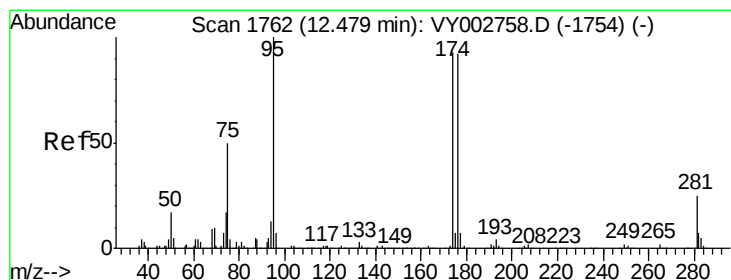
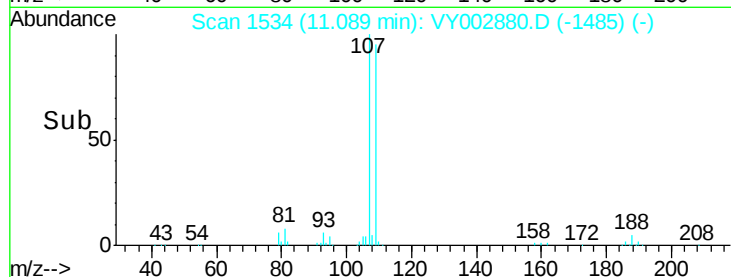
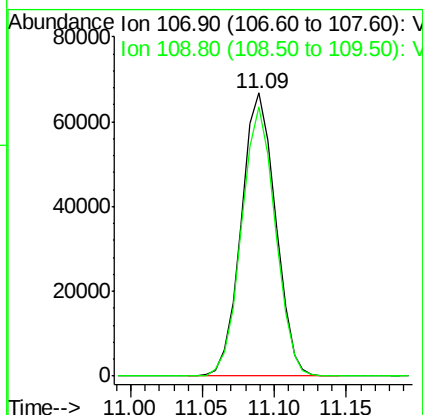
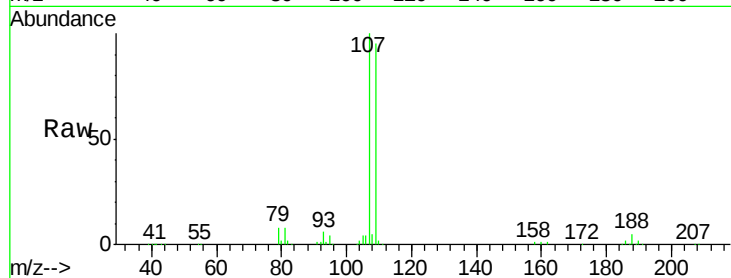




#61
1,2-Dibromoethane
Concen: 49.325 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

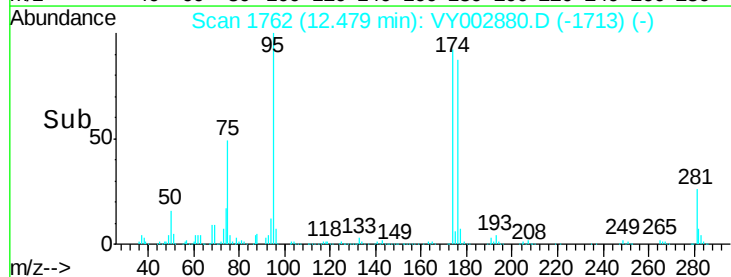
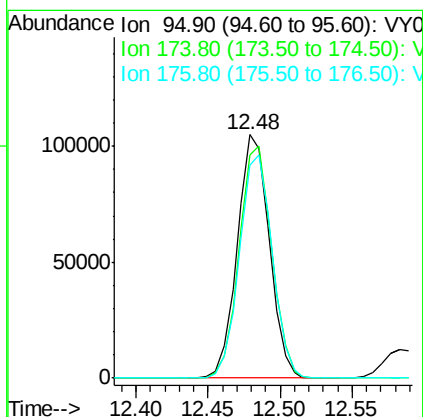
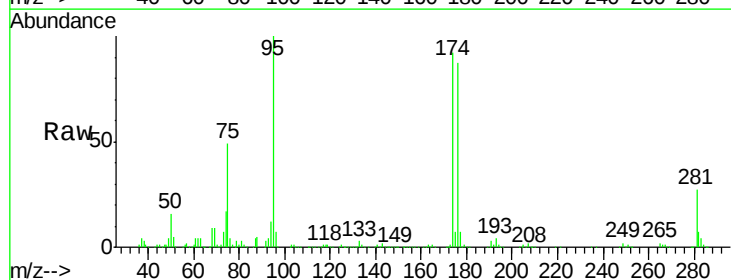
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

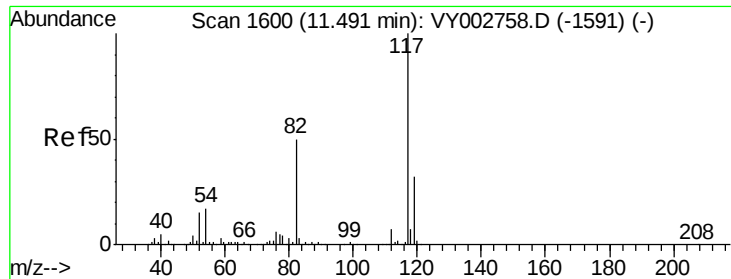
Tot Ion:107 Resp: 109971
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.947 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Tgt Ion: 95 Resp: 161699
Ion Ratio Lower Upper
95 100
174 96.7 0.0 191.2
176 93.6 0.0 188.8

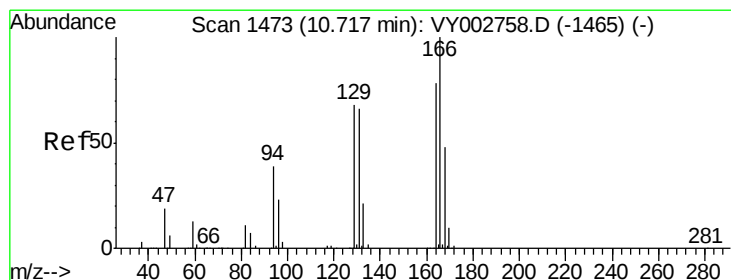
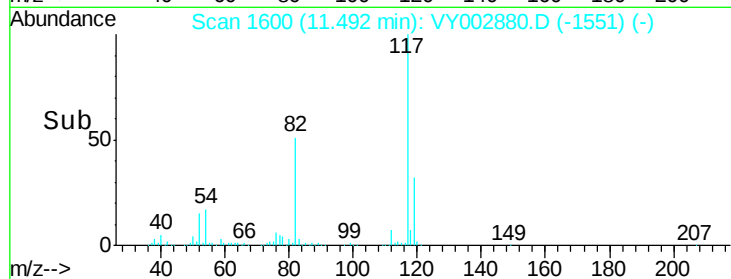
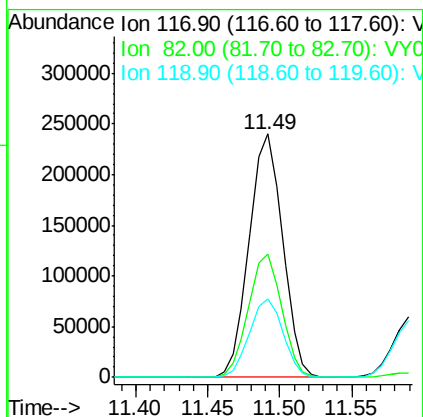
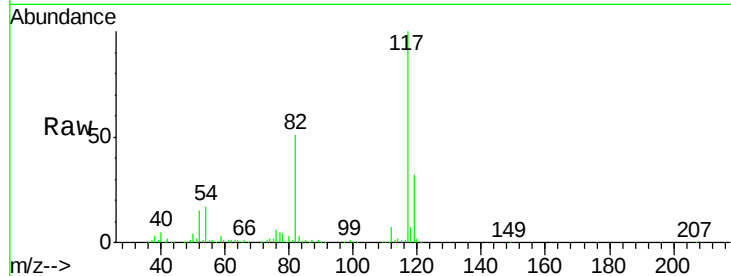




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

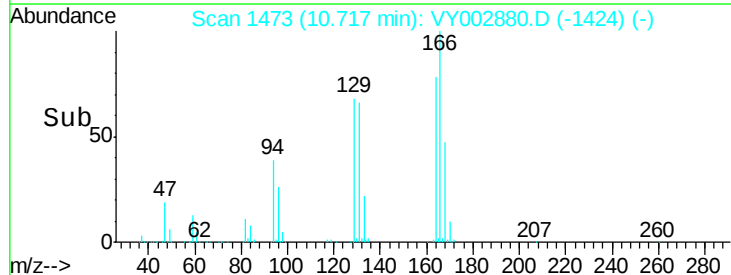
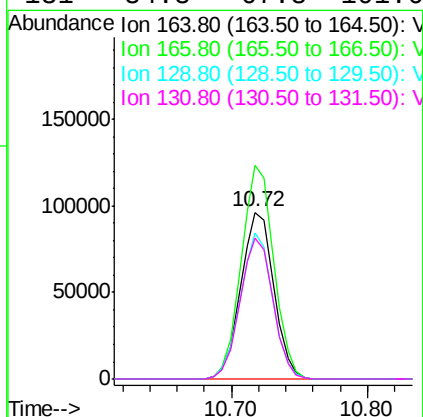
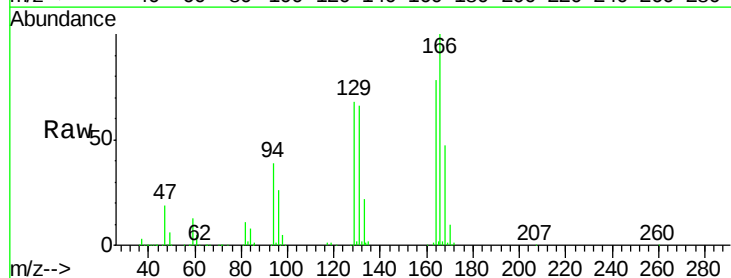
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

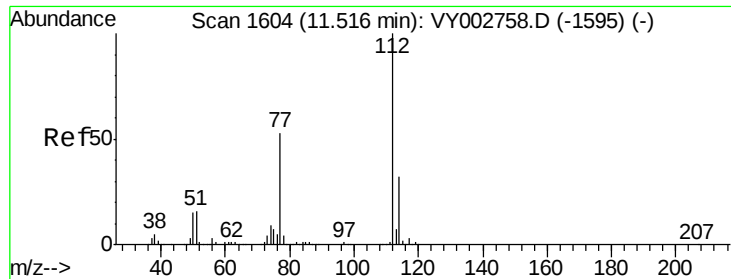
Tot Ion:117 Resp: 386499
Ion Ratio Lower Upper
117 100
82 50.9 40.2 60.4
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 46.504 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Tgt Ion:164 Resp: 163356
Ion Ratio Lower Upper
164 100
166 128.1 102.3 153.5
129 87.7 69.4 104.2
131 84.8 67.8 101.6

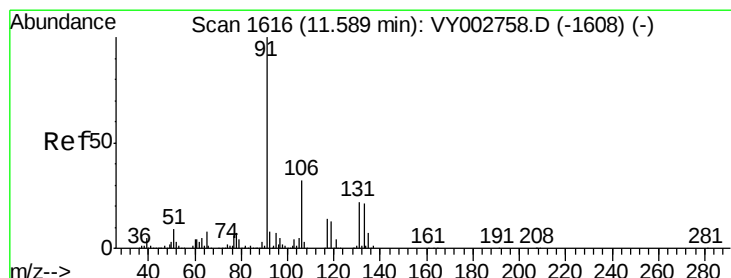
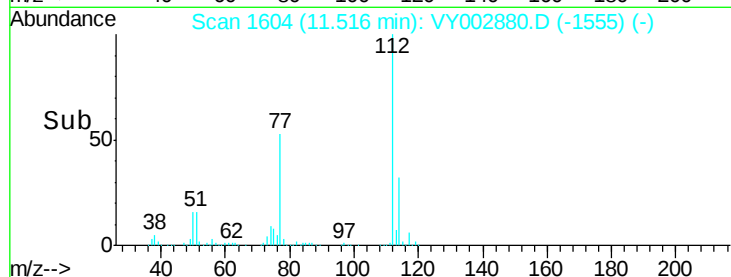
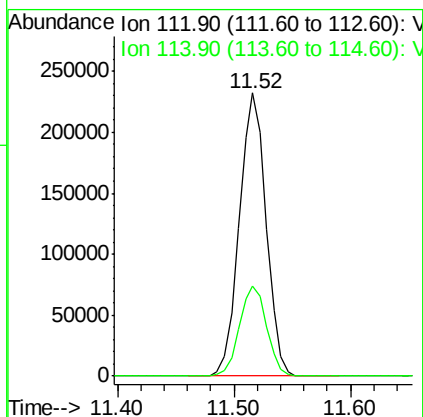
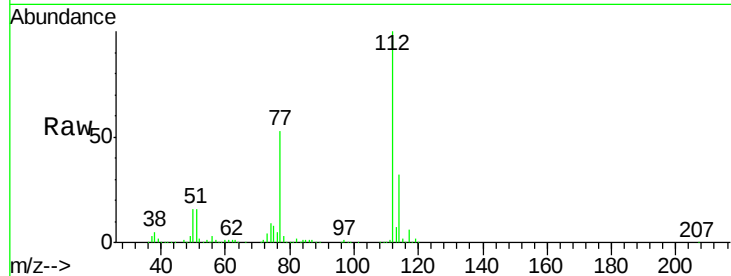




#65
Chlorobenzene
Concen: 48.662 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

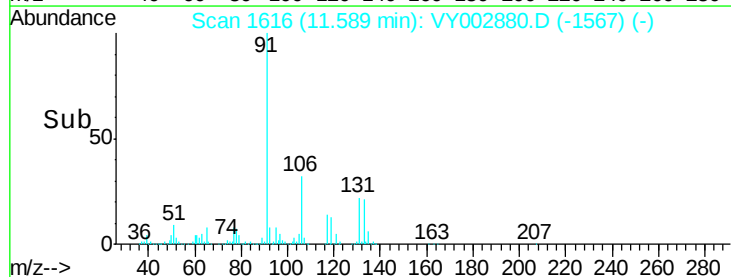
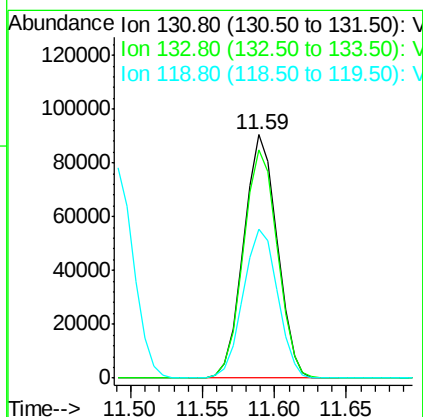
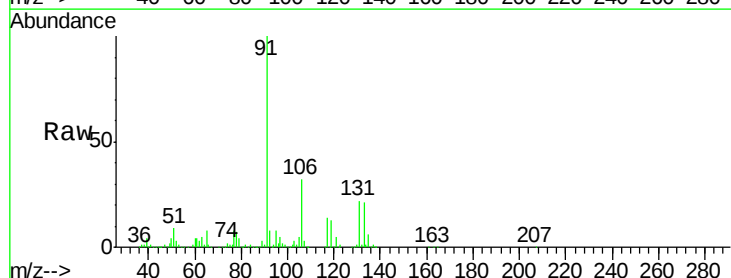
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 371737
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.589 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Tgt Ion:131 Resp: 145548
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.8
119 63.0 31.7 95.1

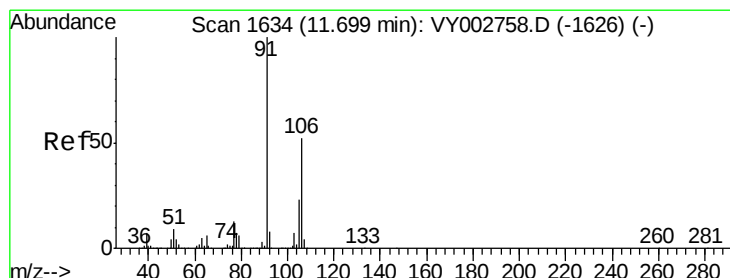
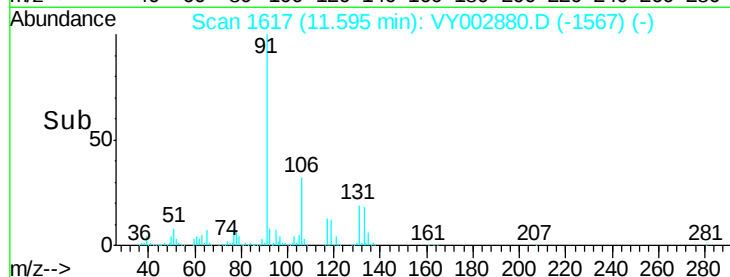
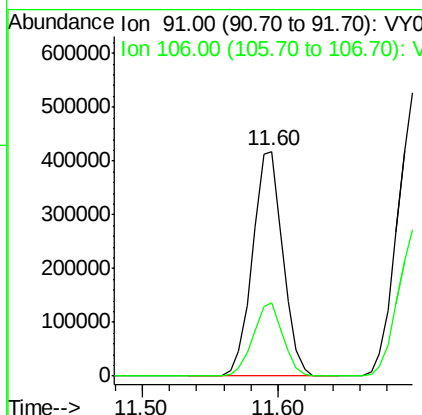
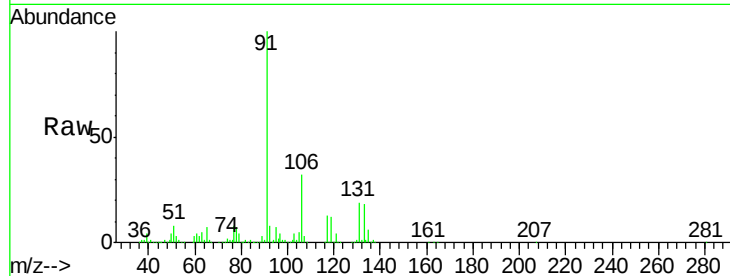




#67
Ethyl Benzene
Concen: 49.369 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

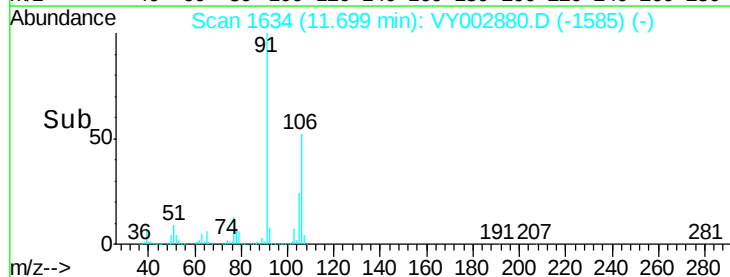
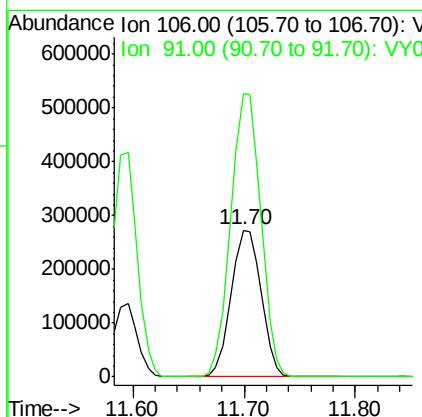
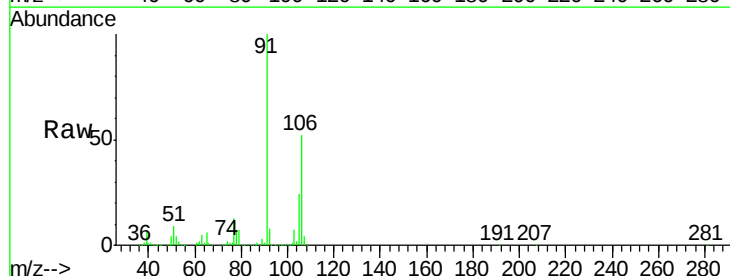
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

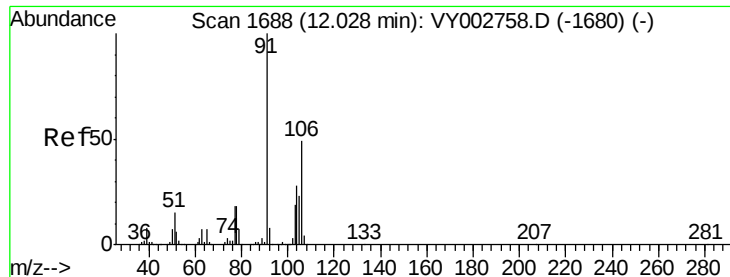
Tot Ion: 91 Resp: 653820
Ion Ratio Lower Upper
91 100
106 32.5 25.7 38.5



#68
m/p-Xylenes
Concen: 99.068 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Tgt Ion: 106 Resp: 508686
Ion Ratio Lower Upper
106 100
91 193.8 156.0 234.0

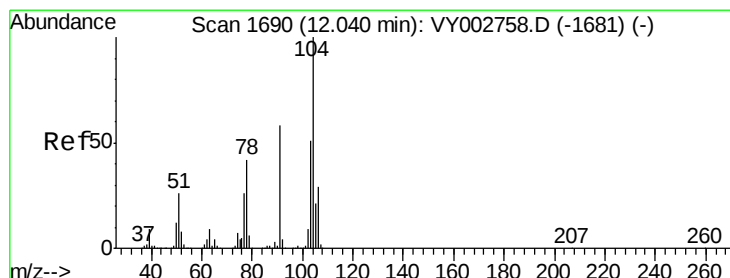
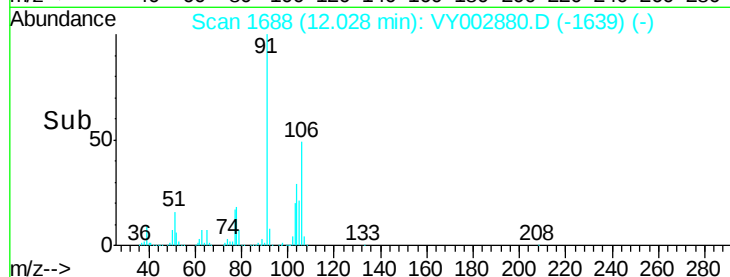
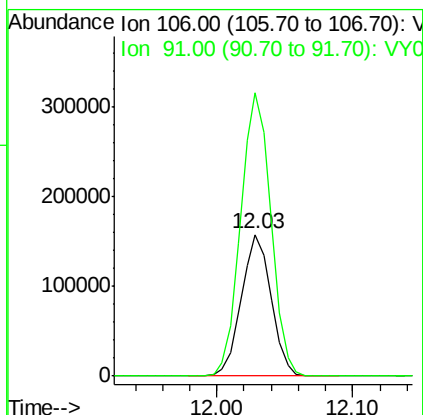
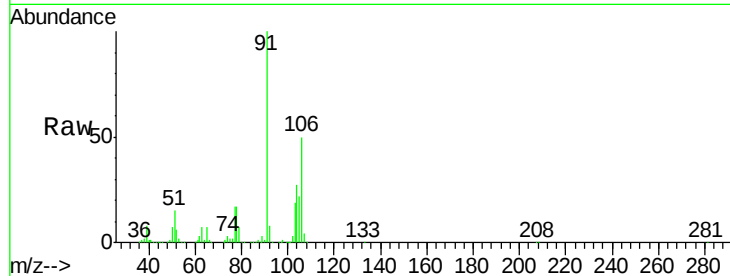




#69
o-Xylene
Concen: 49.602 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

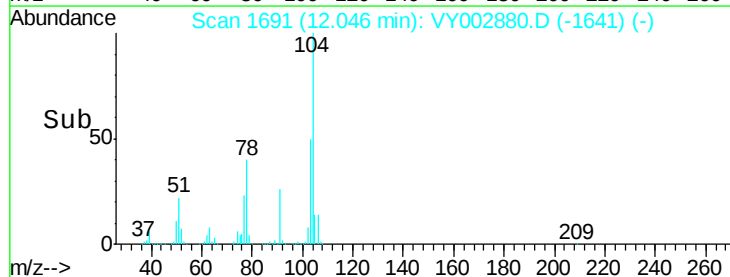
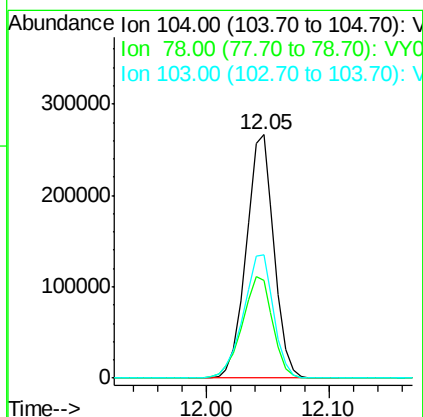
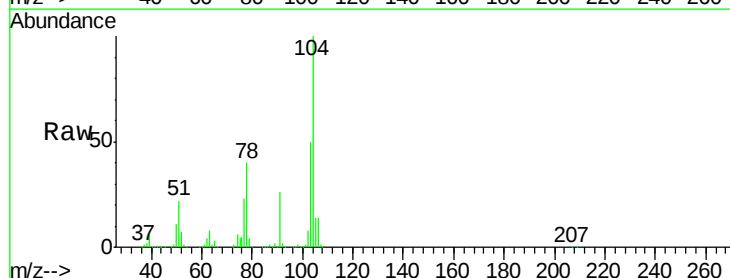
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

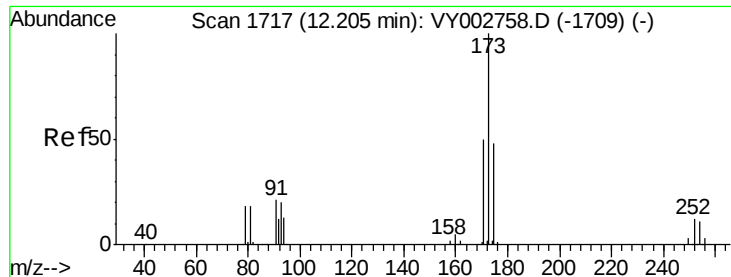
Tot Ion:106 Resp: 240437
Ion Ratio Lower Upper
106 100
91 203.8 102.4 307.1



#70
Styrene
Concen: 49.820 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Tgt Ion:104 Resp: 418639
Ion Ratio Lower Upper
104 100
78 45.8 36.2 54.4
103 55.1 43.6 65.4

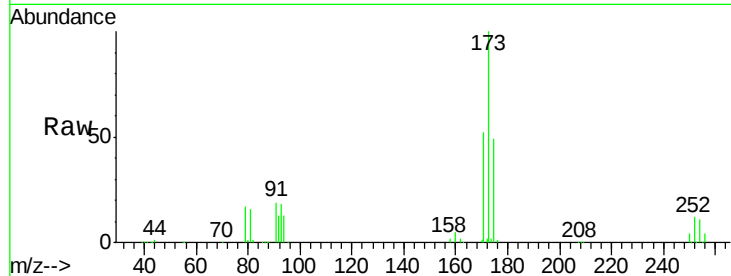




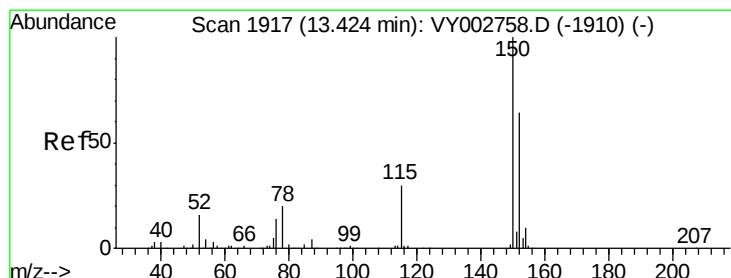
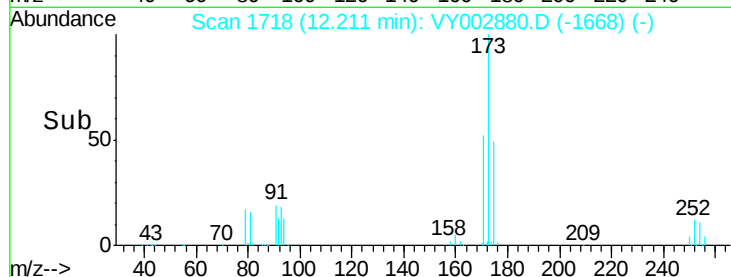
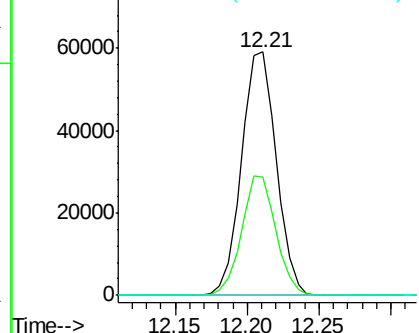
#71
Bromoform
Concen: 51.395 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 98941
Ion Ratio Lower Upper
173 100
175 48.2 24.3 72.8
254 0.2 0.1 0.1#

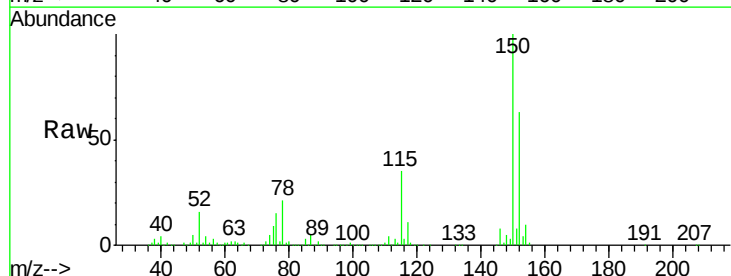


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

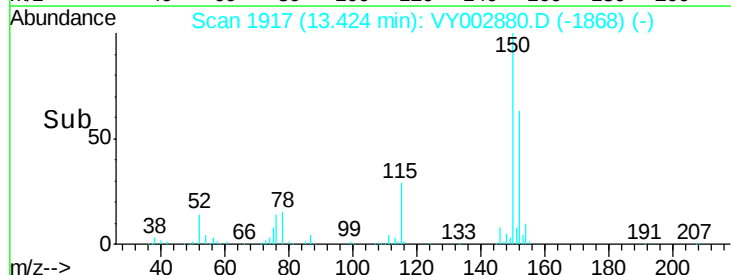
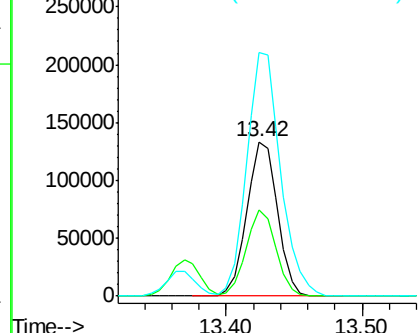


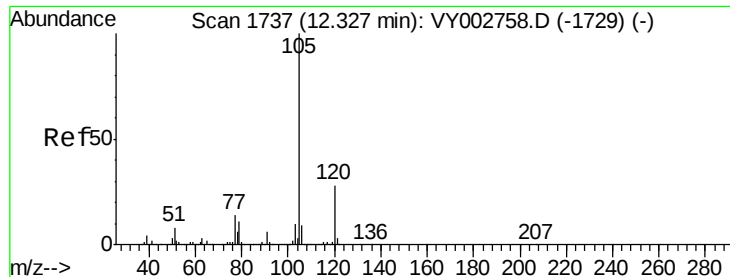
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Tgt Ion:152 Resp: 209793
Ion Ratio Lower Upper
152 100
115 54.4 27.0 81.0
150 173.8 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: 49.123 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

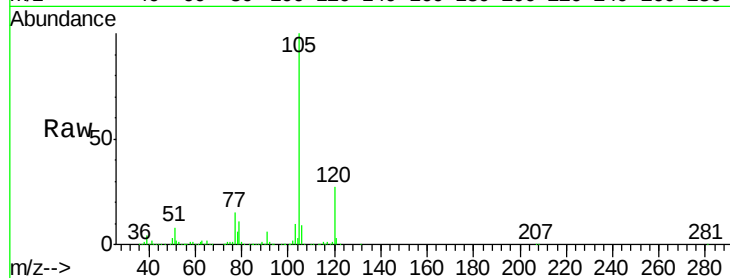
VSTDCCC050

Tot Ion: 105 Resp: 660435

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

400000

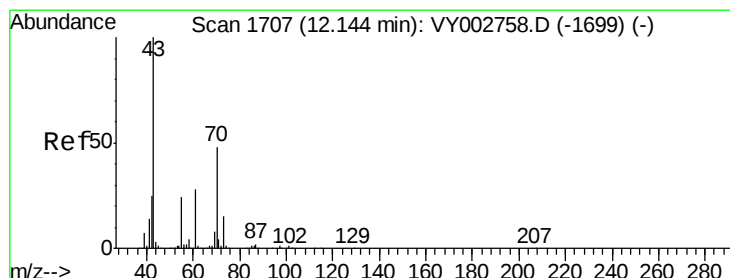
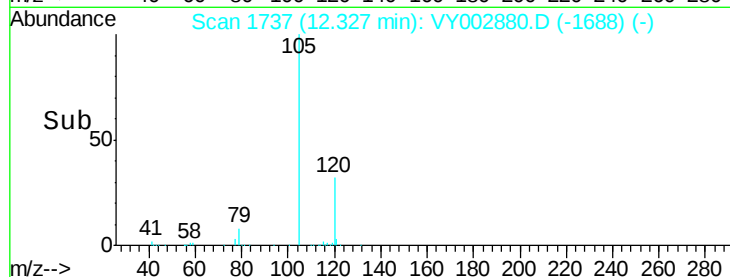
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 49.574 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Tgt Ion: 43 Resp: 171011

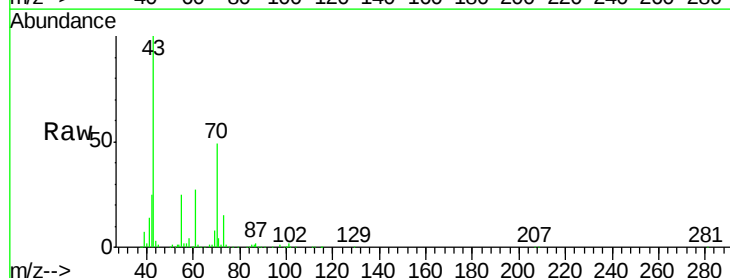
Ion Ratio Lower Upper

43 100

70 48.8 37.7 56.5

55 24.5 19.8 29.6

61 26.9 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

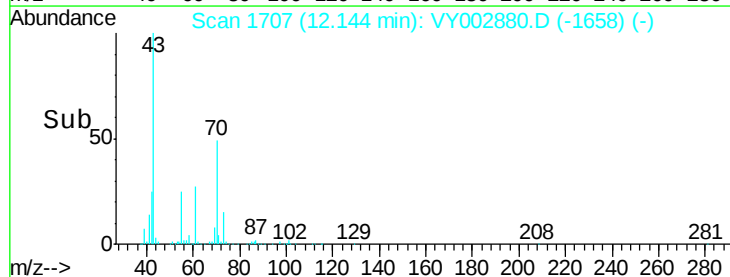
150000

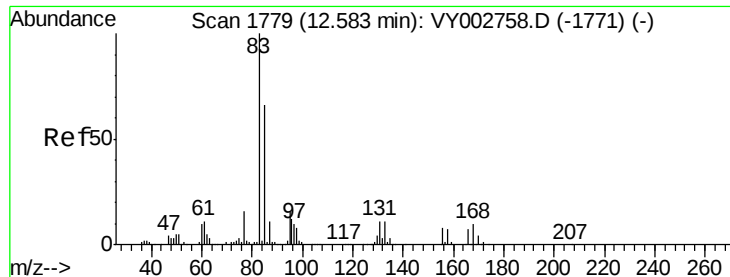
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.123 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

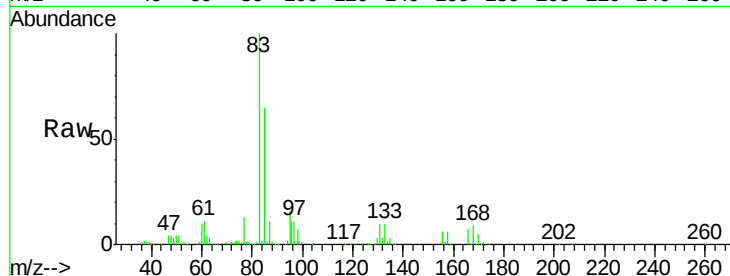
Tot Ion: 83 Resp: 122954

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

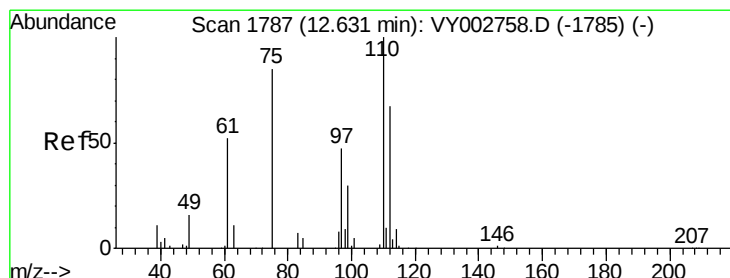
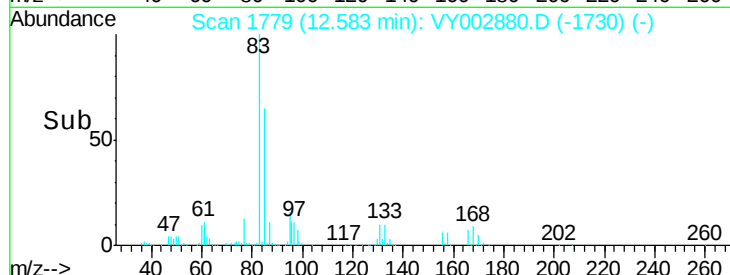
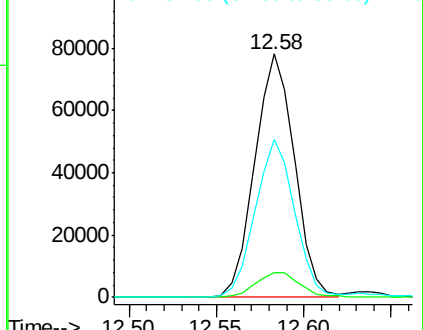
85 64.3 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002880.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002880.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002880.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 52.324 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002880.D

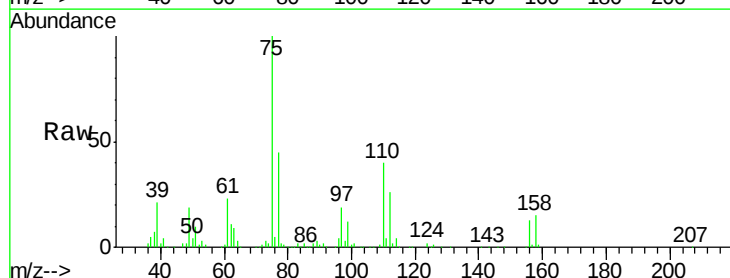
Acq: 11 Jun 2020 10:06

Tgt Ion: 75 Resp: 98912

Ion Ratio Lower Upper

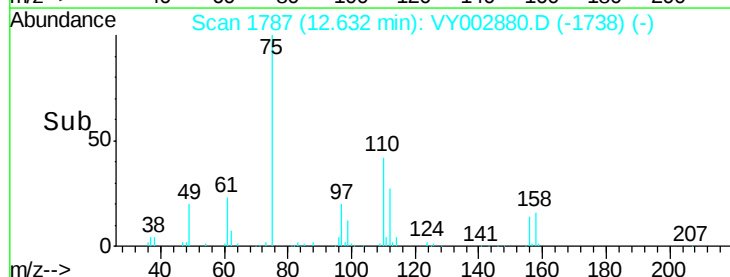
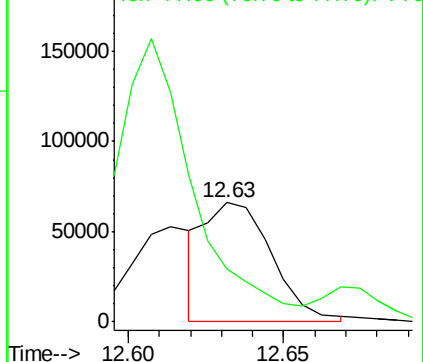
75 100

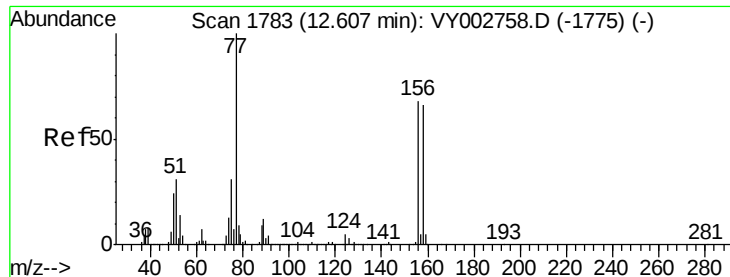
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002880.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002880.D (-1738) (-)





#77

Bromobenzene

Concen: 47.940 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

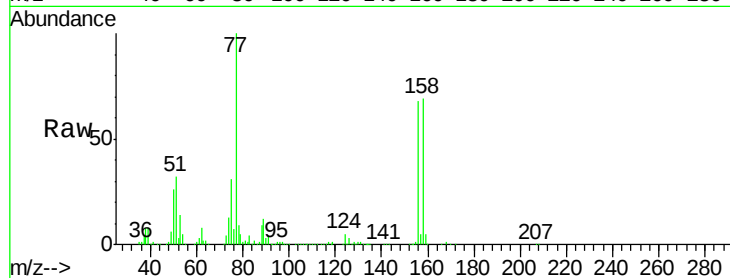
Tot Ion:156 Resp: 167823

Ion Ratio Lower Upper

156 100

77 163.9 81.4 244.2

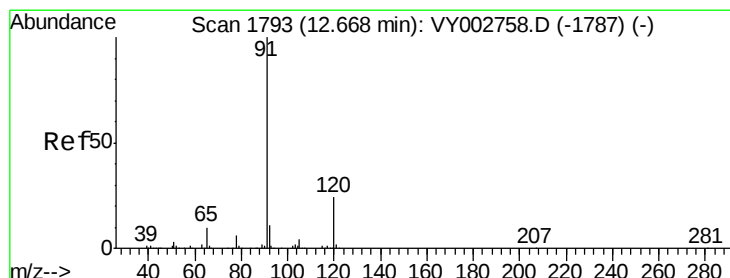
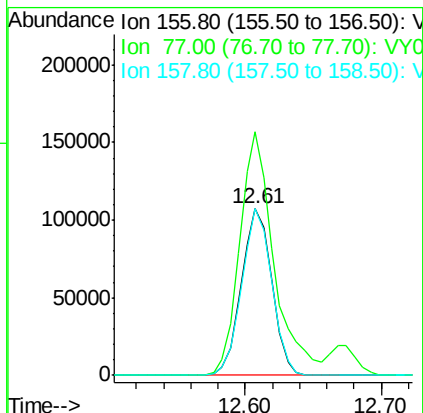
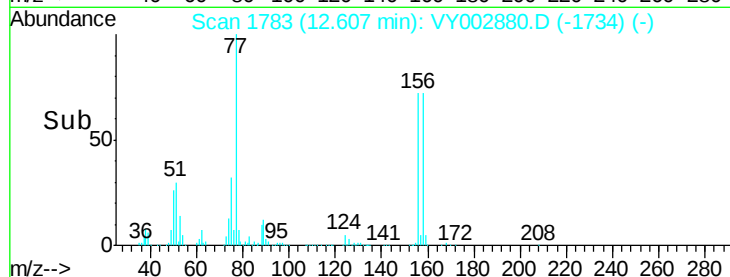
158 98.8 48.5 145.6



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: 49.448 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002880.D

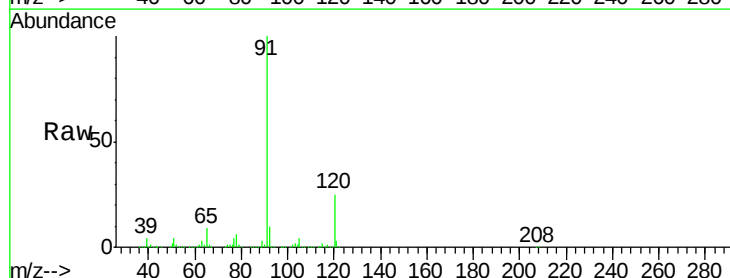
Acq: 11 Jun 2020 10:06

Tgt Ion: 91 Resp: 767924

Ion Ratio Lower Upper

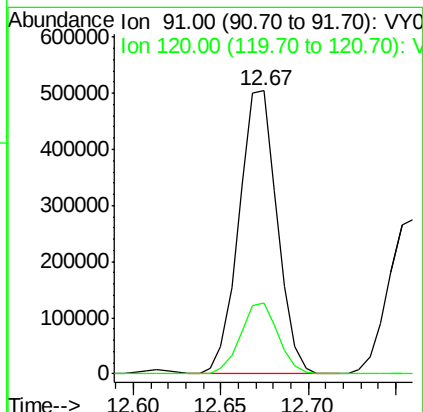
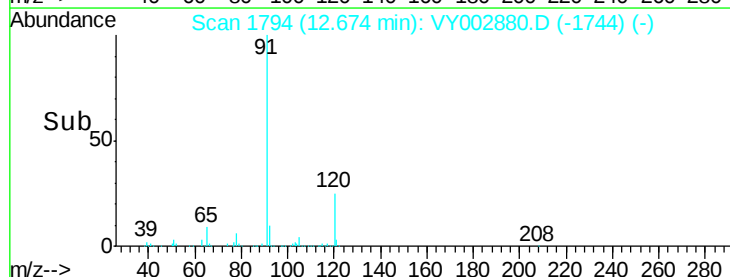
91 100

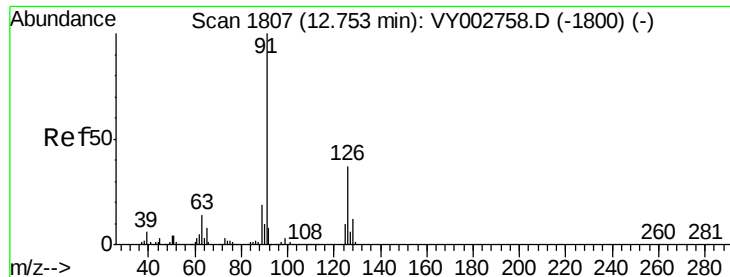
120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.835 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

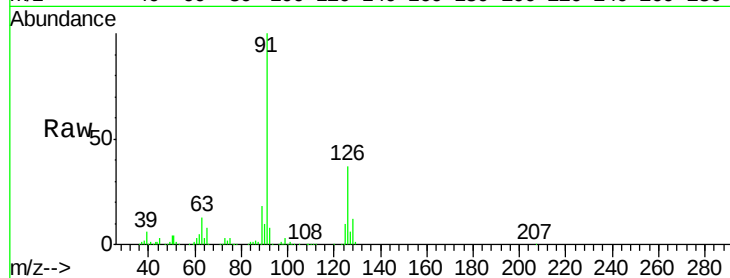
VSTDCCC050

Tot Ion: 91 Resp: 425427

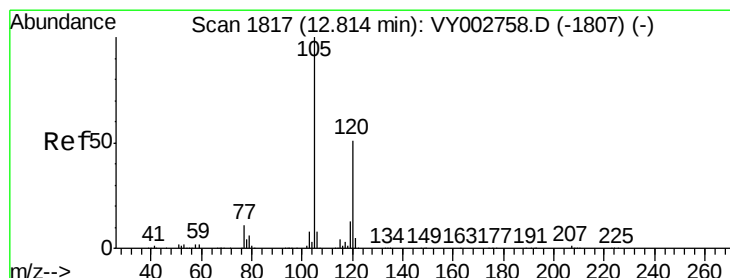
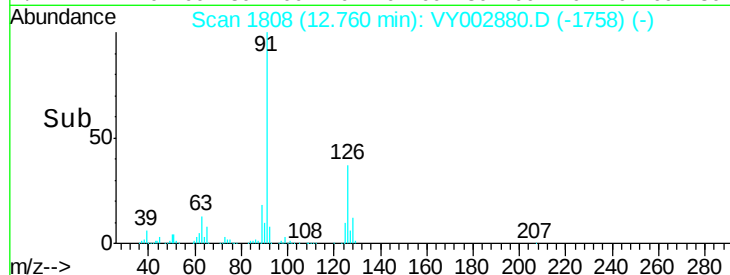
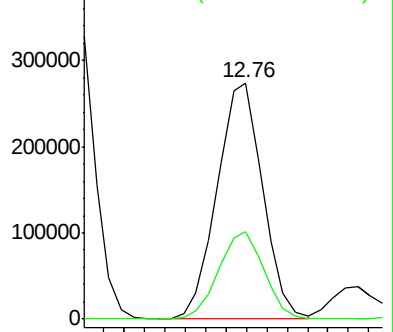
Ion Ratio Lower Upper

91 100

126 36.9 18.4 55.4



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



#80

1,3,5-Trimethylbenzene

Concen: 49.567 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002880.D

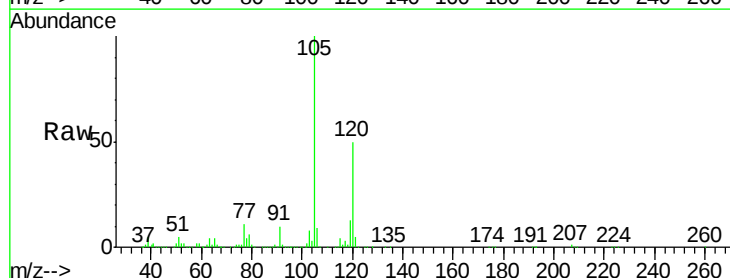
Acq: 11 Jun 2020 10:06

Tgt Ion: 105 Resp: 556417

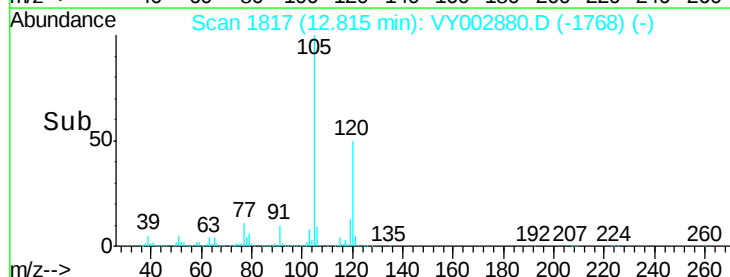
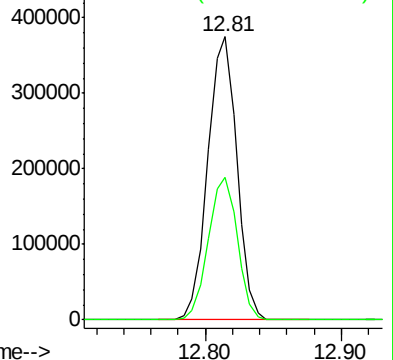
Ion Ratio Lower Upper

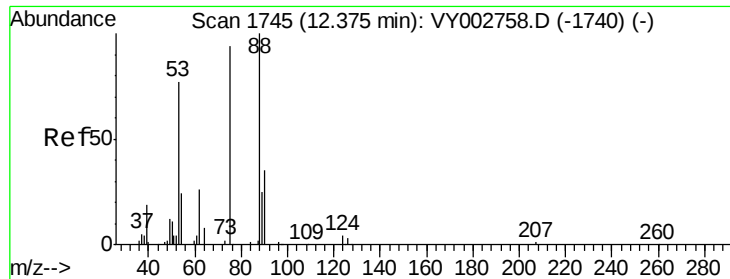
105 100

120 50.6 25.3 75.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 50.298 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

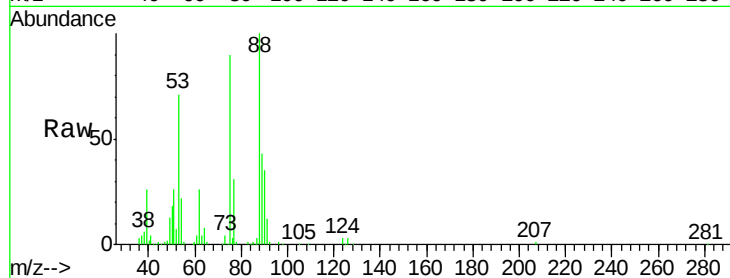
Tot Ion: 75 Resp: 50468

Ion Ratio Lower Upper

75 100

53 81.6 64.0 96.0

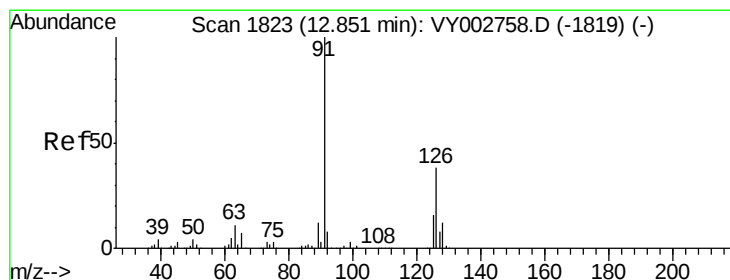
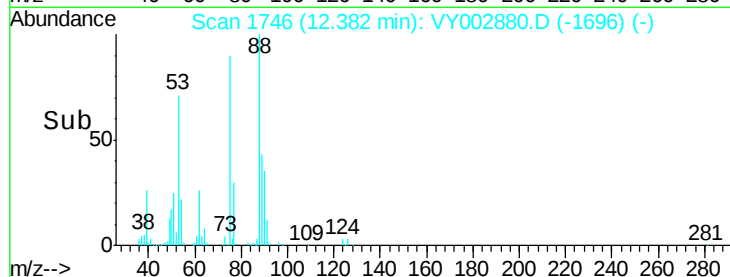
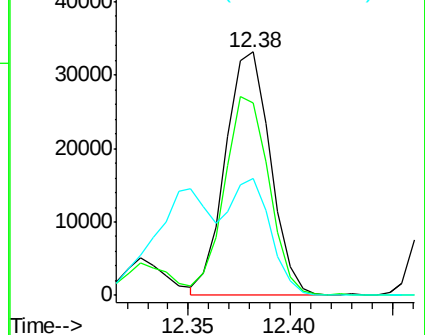
89 44.8 37.4 56.2



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: 49.508 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002880.D

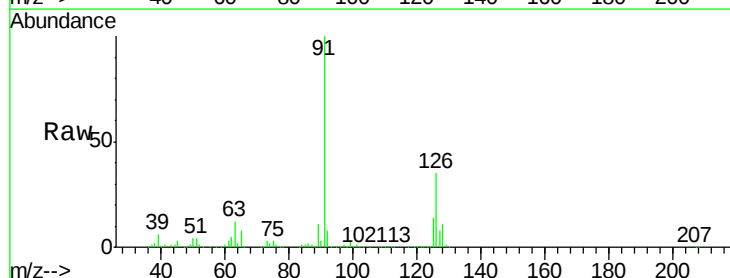
Acq: 11 Jun 2020 10:06

Tgt Ion: 91 Resp: 451861

Ion Ratio Lower Upper

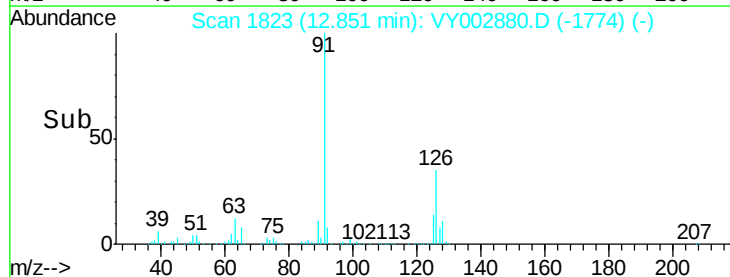
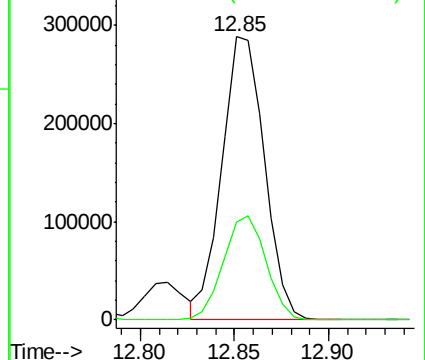
91 100

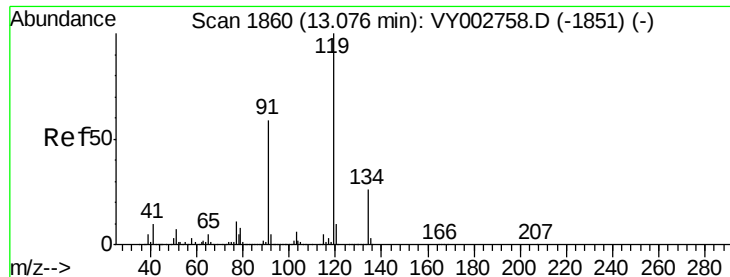
126 36.9 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.250 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

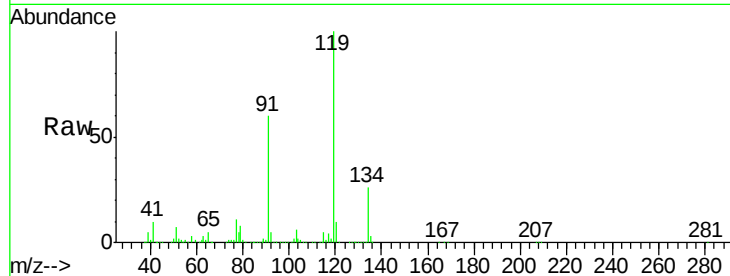
Tot Ion:119 Resp: 493147

Ion Ratio Lower Upper

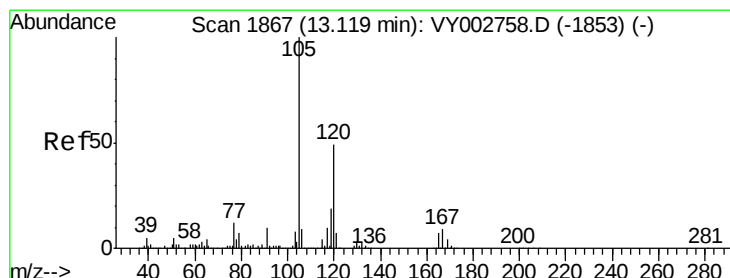
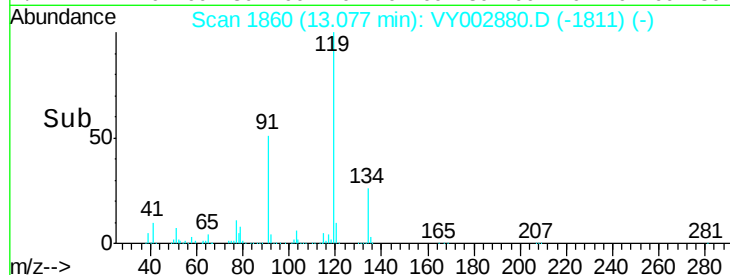
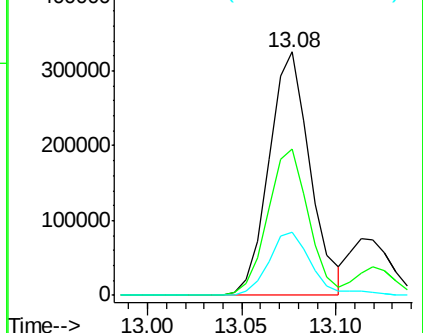
119 100

91 59.5 29.8 89.4

134 27.1 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: 49.273 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002880.D

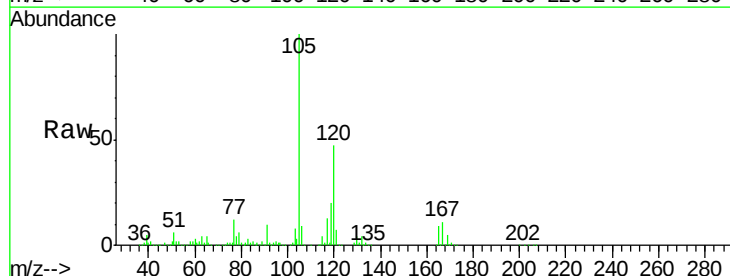
Acq: 11 Jun 2020 10:06

Tgt Ion:105 Resp: 556161

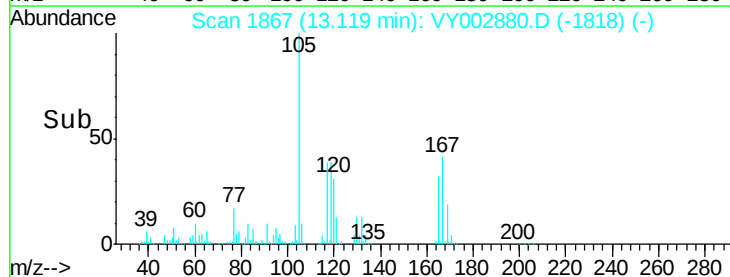
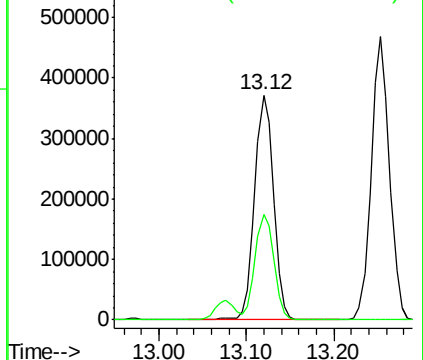
Ion Ratio Lower Upper

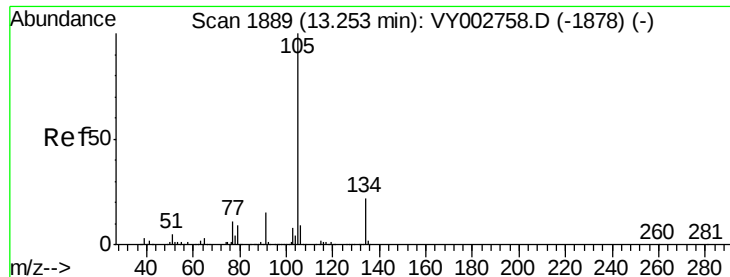
105 100

120 46.7 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: 49.679 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

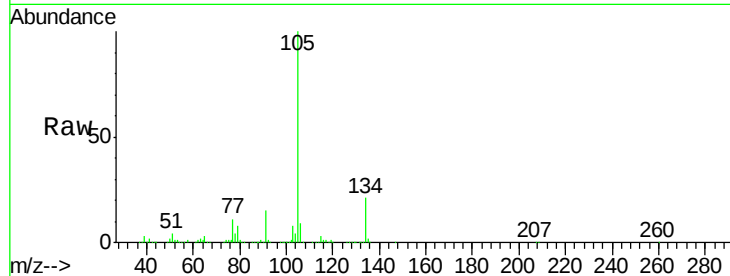
VSTDCCC050

Tot Ion:105 Resp: 680165

Ion Ratio Lower Upper

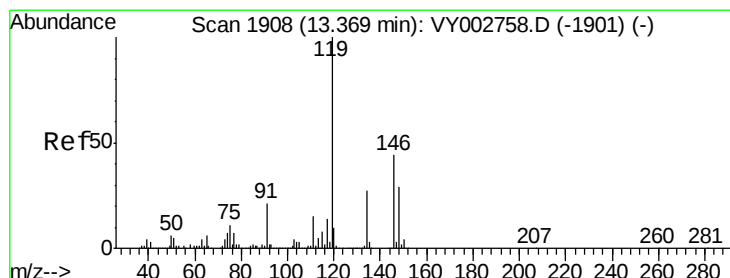
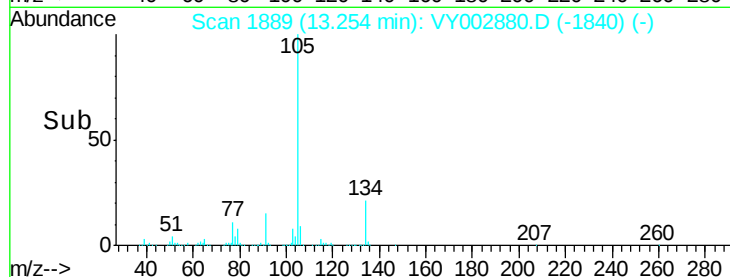
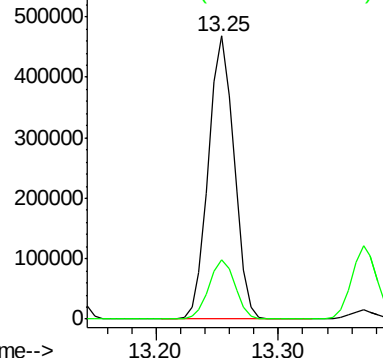
105 100

134 21.3 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.866 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

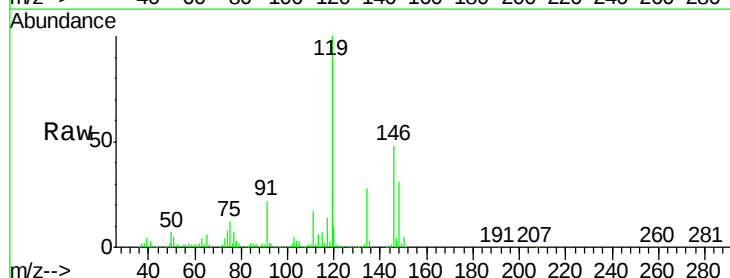
Tgt Ion:119 Resp: 635272

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

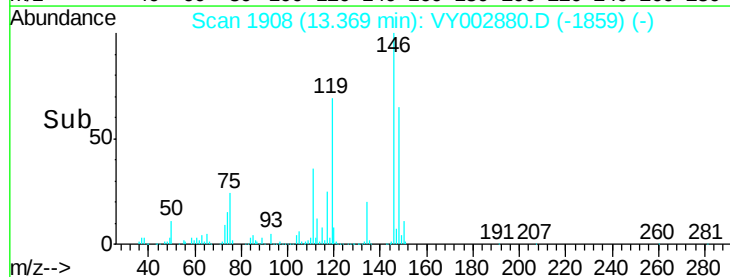
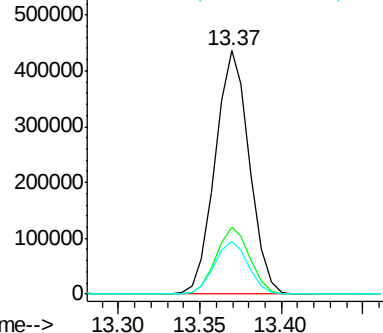
91 21.6 10.8 32.4

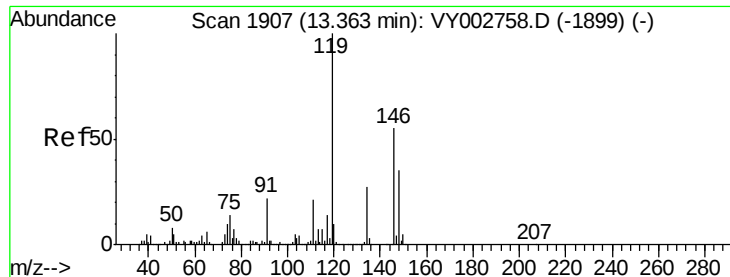


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 48.909 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

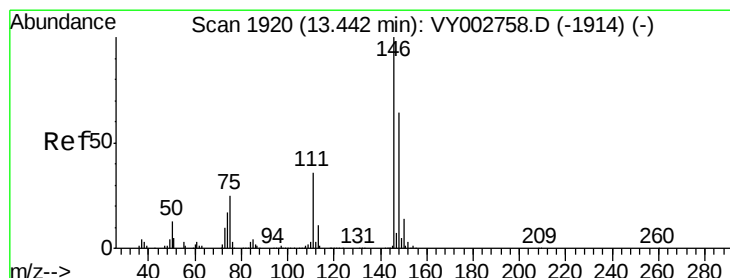
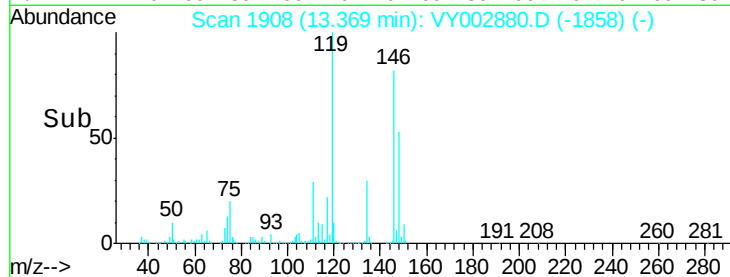
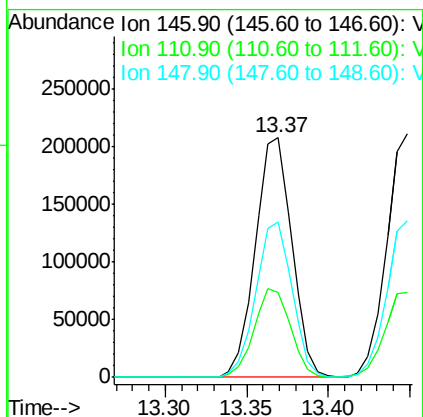
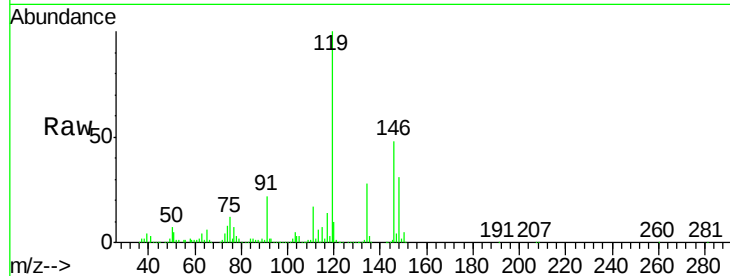
Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 324323

Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.0
148	64.0	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 48.496 ug/l

RT: 13.45 min Scan# 1921

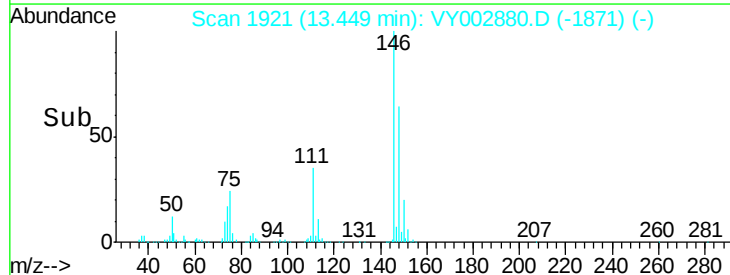
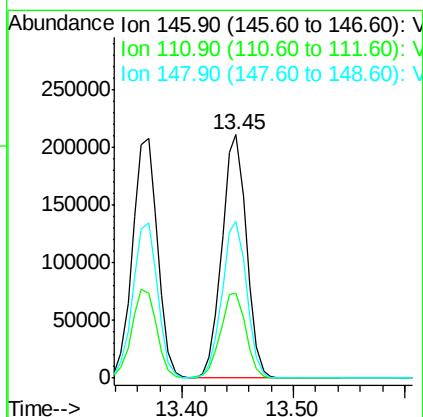
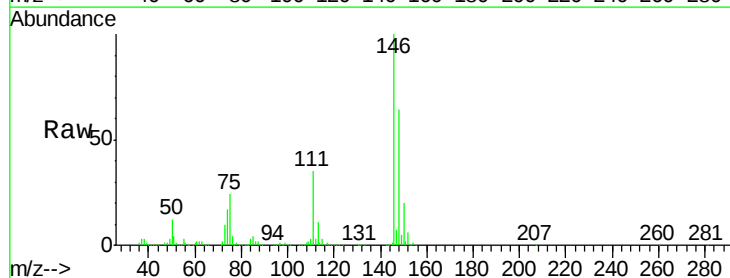
Delta R.T. 0.01 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Tgt Ion:146 Resp: 321693

Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.3
148	64.7	32.1	96.3

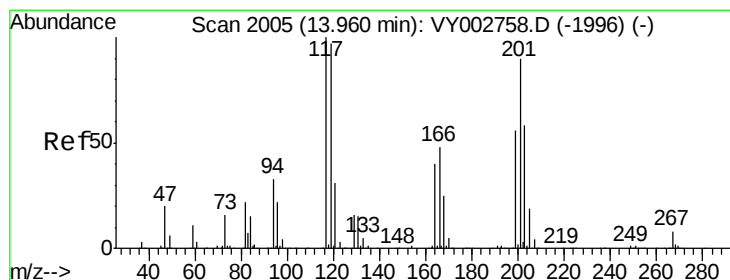
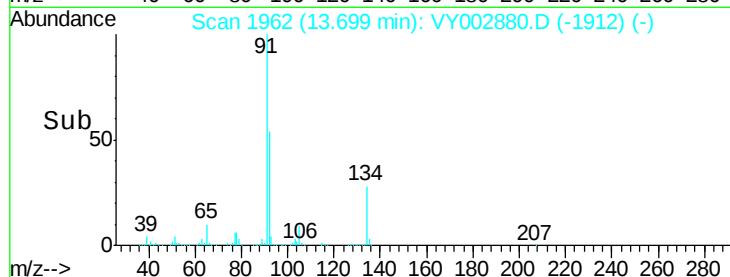
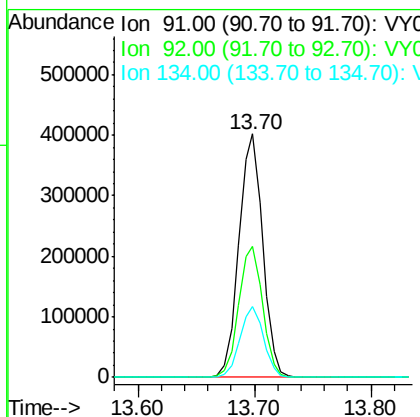
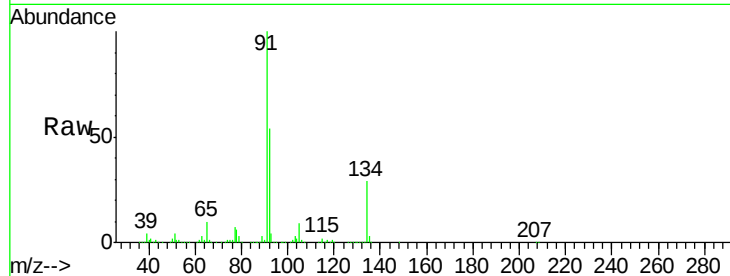




#89
n-Butylbenzene
Concen: 49.493 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

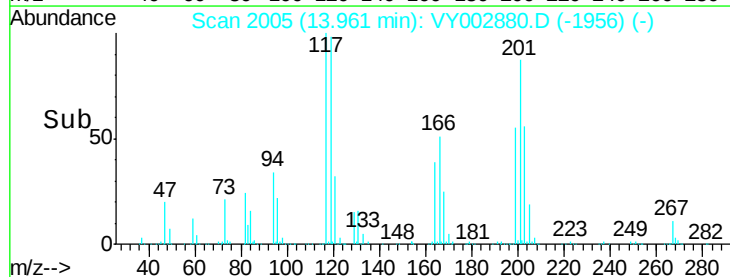
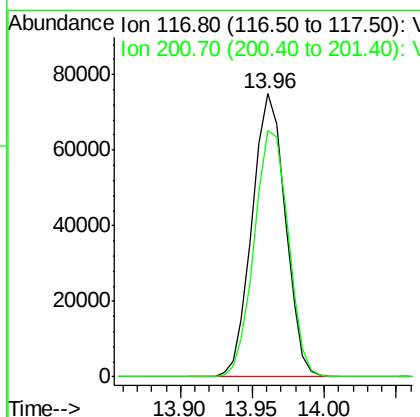
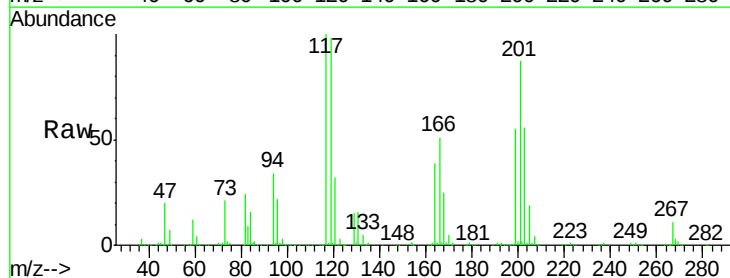
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 572449
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 28.9 14.3 42.9



#90
Hexachloroethane
Concen: 50.160 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002880.D
Acq: 11 Jun 2020 10:06

Tgt Ion: 117 Resp: 119630
Ion Ratio Lower Upper
117 100
201 89.1 43.9 131.6

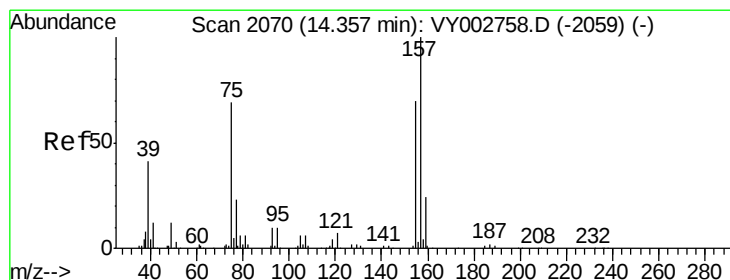
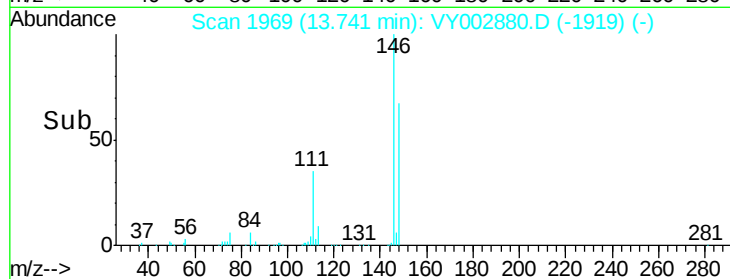
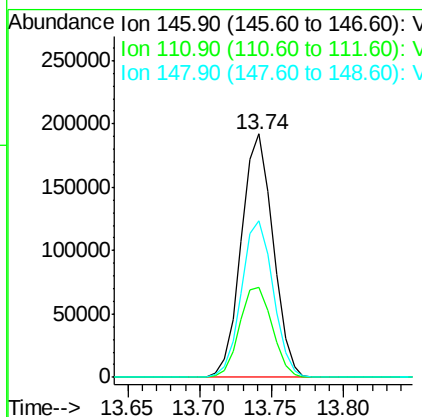
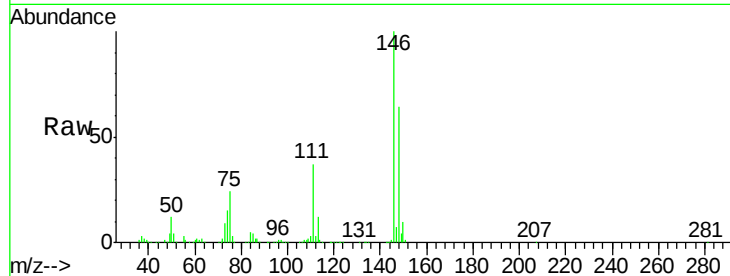




#91
 1,2-Dichlorobenzene
 Concen: 48.969 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

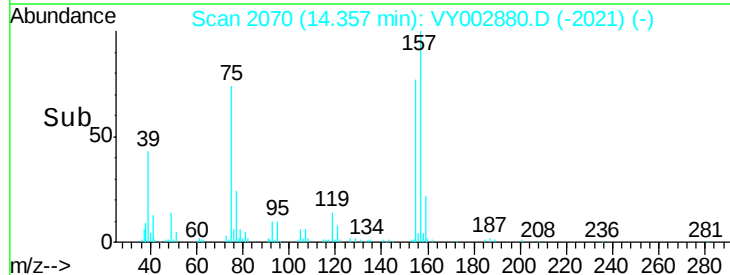
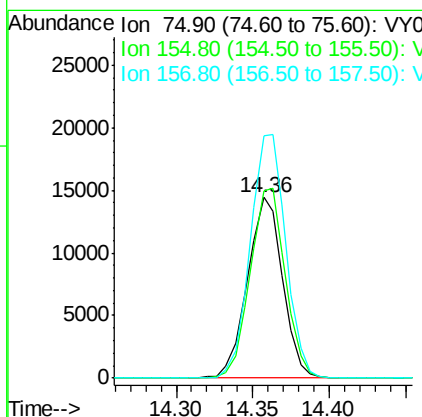
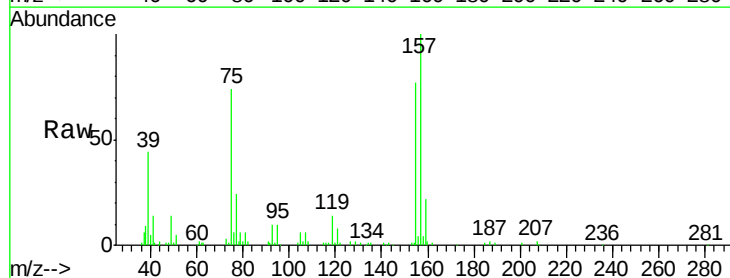
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

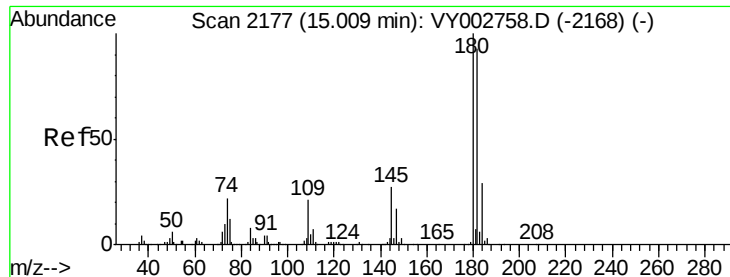
Tot Ion	146	Resp	294490
Ion Ratio	100	Lower	Upper
111	38.2	18.9	56.9
148	64.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.785 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

Tgt Ion	75	Resp	23048
Ion Ratio	100	Lower	Upper
155	104.6	53.5	160.5
157	135.9	69.9	209.7

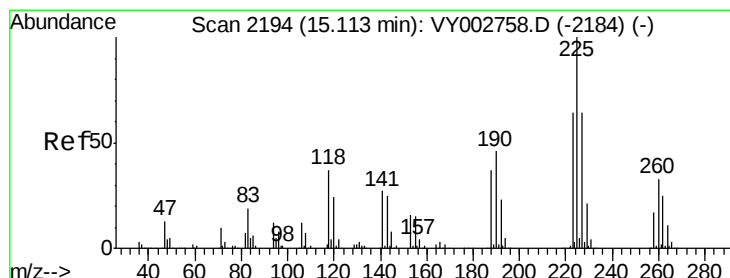
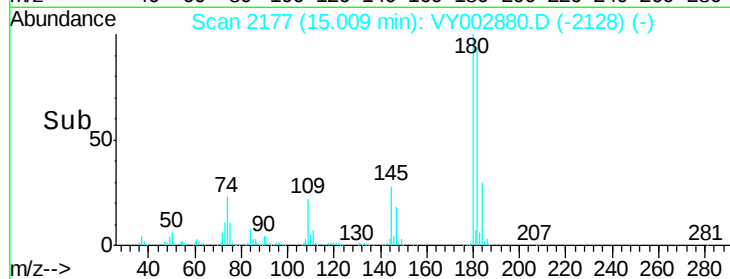
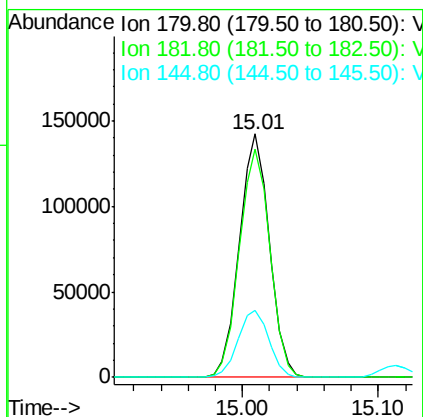
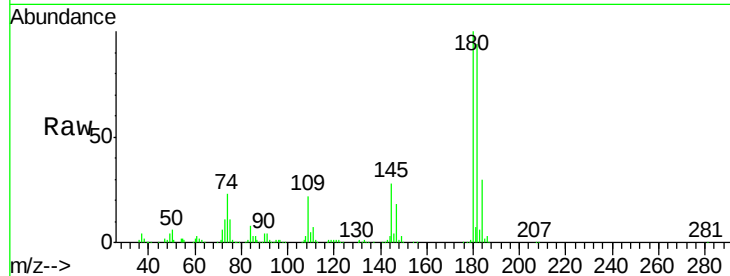




#93
 1,2,4-Trichlorobenzene
 Concen: 48.322 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

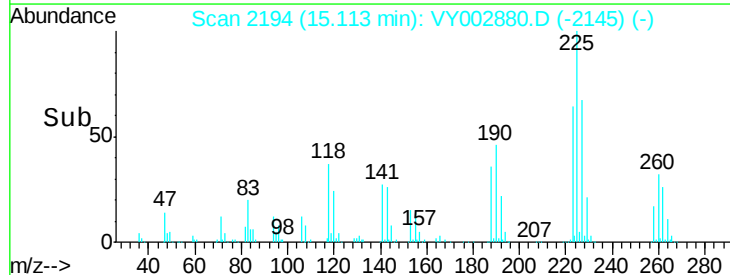
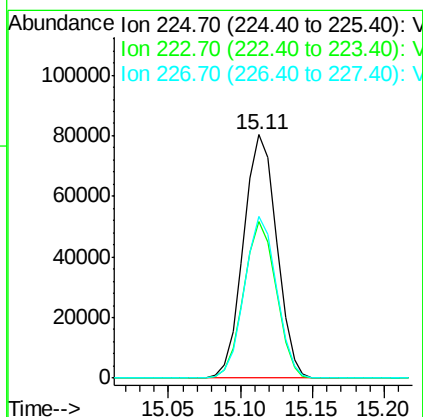
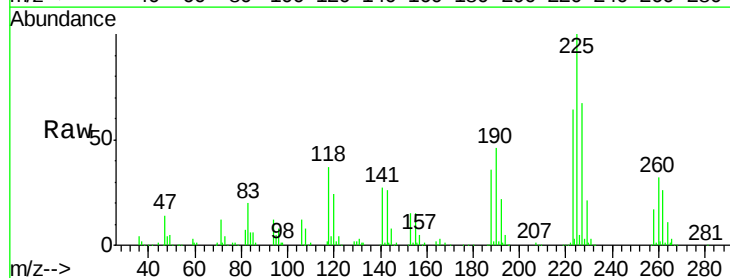
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

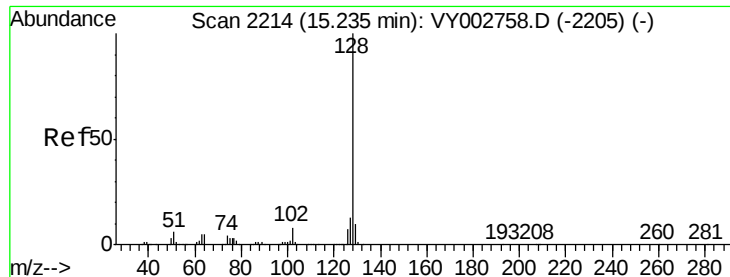
Tot Ion:180 Resp: 219039
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 141.9
 145 28.4 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 49.846 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002880.D
 Acq: 11 Jun 2020 10:06

Tgt Ion:225 Resp: 128150
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.6 95.0
 227 64.3 32.3 96.9





#95

Naphthalene

Concen: 48.324 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

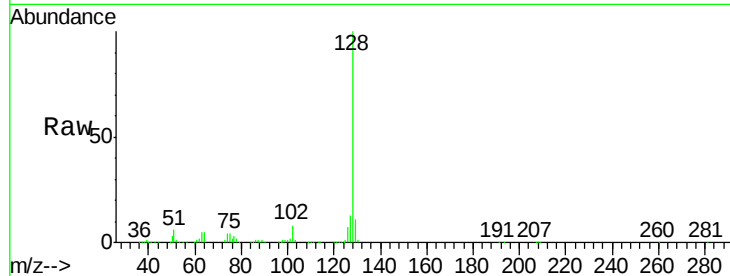
Tot Ion:128 Resp: 439194

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

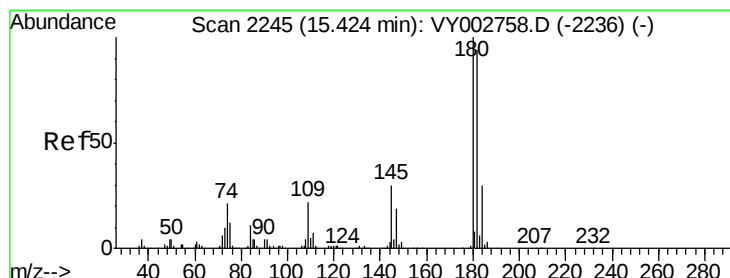
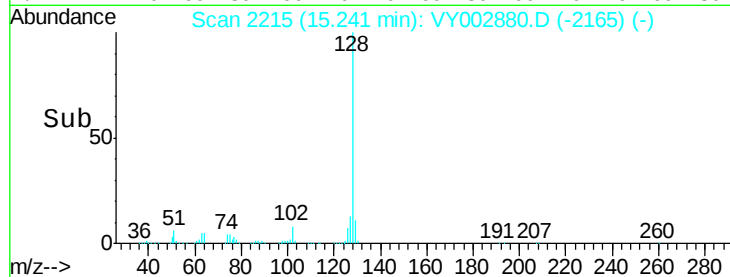
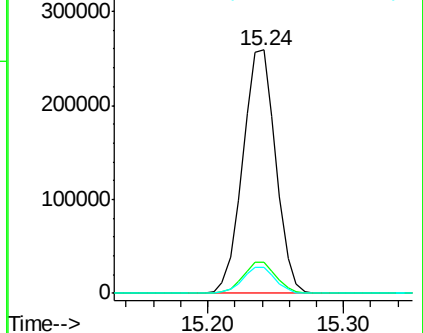
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.944 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002880.D

Acq: 11 Jun 2020 10:06

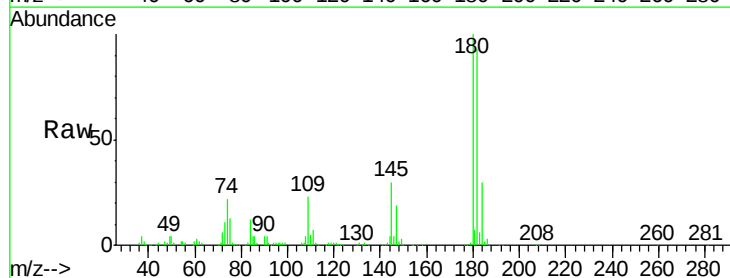
Tgt Ion:180 Resp: 194066

Ion Ratio Lower Upper

180 100

182 95.0 48.1 144.4

145 29.8 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

