

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003251.D
 Acq On : 20 Jul 2020 22:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 21 03:22:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	322157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	507146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	474268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	254509	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	160754	59.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.24%	
35) Dibromofluoromethane	7.72	113	145303	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.18	98	525724	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.48	95	199188	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	105342	45.622	ug/l	96
3) Chloromethane	2.12	50	169107	52.800	ug/l	99
4) Vinyl Chloride	2.26	62	167575	50.995	ug/l	99
5) Bromomethane	2.65	94	130115	53.308	ug/l	99
6) Chloroethane	2.80	64	110847	51.357	ug/l	99
7) Trichlorofluoromethane	3.13	101	229625	48.931	ug/l	99
8) Diethyl Ether	3.53	74	88917	56.543	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.91	101	140668	49.631	ug/l	97
10) Methyl Iodide	4.10	142	130432	42.358	ug/l	95
11) Tert butyl alcohol	4.96	59	89982	306.037	ug/l	97
12) 1,1-Dichloroethene	3.88	96	134458	50.156	ug/l	93
13) Acrolein	3.74	56	64659	253.362	ug/l	95
14) Allyl chloride	4.49	41	247761	62.285	ug/l	95
15) Acrylonitrile	5.18	53	248210	328.583	ug/l	99
16) Acetone	3.95	43	195805	322.382	ug/l	100
17) Carbon Disulfide	4.20	76	415754	50.541	ug/l	99
18) Methyl Acetate	4.49	43	124951	74.078	ug/l	93
19) Methyl tert-butyl Ether	5.23	73	451716	60.128	ug/l	96
20) Methylene Chloride	4.72	84	188625	63.172	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	161019	53.105	ug/l	90
22) Diisopropyl ether	6.13	45	567250	64.254	ug/l	97
23) Vinyl Acetate	6.07	43	1916618	325.720	ug/l	96
24) 1,1-Dichloroethane	6.02	63	298290	58.321	ug/l	99
25) 2-Butanone	6.99	43	337286	338.218	ug/l	100
26) 2,2-Dichloropropane	6.99	77	237051	51.464	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	186305	55.807	ug/l	98
28) Bromochloromethane	7.34	49	137186	61.952	ug/l	90
29) Tetrahydrofuran	7.35	42	229005	341.833	ug/l	93
30) Chloroform	7.52	83	302849	57.491	ug/l	99
31) Cyclohexane	7.79	56	250325	50.614	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	255193	53.812	ug/l	99
36) 1,1-Dichloropropene	7.93	75	221838	48.263	ug/l	99
37) Ethyl Acetate	7.08	43	155310	62.744	ug/l	96
38) Carbon Tetrachloride	7.91	117	231009	48.683	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	266228	46.107	ug/l	95
40) Benzene	8.16	78	652979	51.594	ug/l	98
41) Methacrylonitrile	7.35	41	212233	142.361	ug/l #	44
42) 1,2-Dichloroethane	8.24	62	213553	54.809	ug/l	99
43) Isopropyl Acetate	8.28	43	289693	60.462	ug/l	97
44) Trichloroethene	8.94	130	182089	46.933	ug/l	97
45) 1,2-Dichloropropane	9.22	63	179635	54.853	ug/l	97
46) Dibromomethane	9.31	93	102492	53.585	ug/l	97
47) Bromodichloromethane	9.50	83	245403	53.945	ug/l	100
48) Methyl methacrylate	9.30	41	131490	61.387	ug/l	95
49) 1,4-Dioxane	9.30	88	25970	1069.803	ug/l	90
51) 4-Methyl-2-Pentanone	10.07	43	776987	311.997	ug/l	97
52) Toluene	10.24	92	410346	50.727	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	255668	54.245	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	290558	53.504	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	146940	54.214	ug/l	99
56) Ethyl methacrylate	10.51	69	212386	57.637	ug/l	94
57) 1,3-Dichloropropane	10.79	76	256748	55.868	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	531580	282.863	ug/l	96
59) 2-Hexanone	10.83	43	546403	314.303	ug/l	96
60) Dibromochloromethane	10.99	129	182446	53.519	ug/l	99
61) 1,2-Dibromoethane	11.09	107	140630	52.571	ug/l	99
64) Tetrachloroethene	10.72	164	187389	44.313	ug/l	98
65) Chlorobenzene	11.52	112	456799	49.997	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	184266	51.927	ug/l	99
67) Ethyl Benzene	11.59	91	826959	50.693	ug/l	97
68) m/p-Xylenes	11.70	106	609016	98.392	ug/l	96
69) o-Xylene	12.03	106	293125	50.691	ug/l	97
70) Styrene	12.04	104	514198	51.981	ug/l	98
71) Bromoform	12.20	173	123853	53.178	ug/l	100
73) Isopropylbenzene	12.33	105	792770	48.879	ug/l	99
74) N-amyl acetate	12.14	43	272299	59.835	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	177192	56.566	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	234678	104.170	ug/l #	100
77) Bromobenzene	12.61	156	209309	50.628	ug/l	97
78) n-propylbenzene	12.67	91	948725	49.624	ug/l	99
79) 2-Chlorotoluene	12.75	91	539320	50.561	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	674813	49.920	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	63046	54.464	ug/l	96
82) 4-Chlorotoluene	12.85	91	566576	50.889	ug/l	99
83) tert-Butylbenzene	13.07	119	580070	48.632	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	696553	51.213	ug/l	99
85) sec-Butylbenzene	13.25	105	806975	49.224	ug/l	100
86) p-Isopropyltoluene	13.37	119	759272	49.603	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	394423	50.450	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	385989	49.867	ug/l	99
89) n-Butylbenzene	13.69	91	705825	49.022	ug/l	99
90) Hexachloroethane	13.96	117	147285	52.836	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	352628	51.396	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27958	55.052	ug/l	96

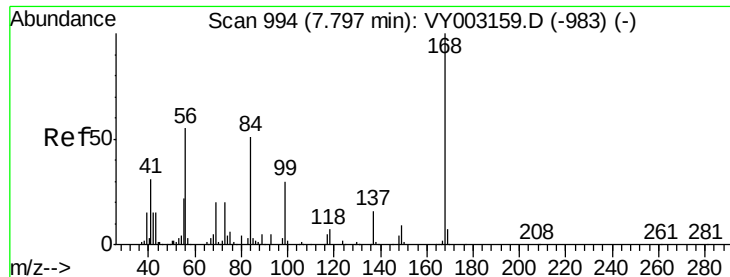
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	244457	50.084	ug/l	99
94) Hexachlorobutadiene	15.11	225	160416	47.965	ug/l	100
95) Naphthalene	15.23	128	433677	53.763	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	197901	51.292	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: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

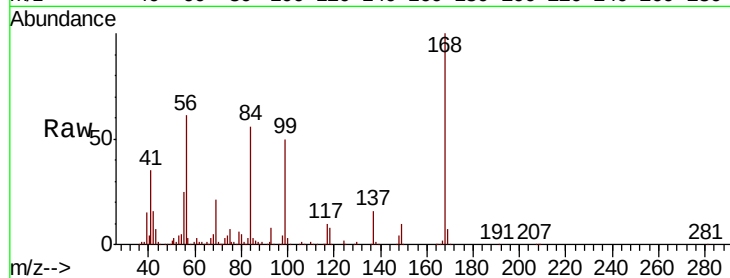
VSTDCCC050EC

Tot Ion:168 Resp: 322157

Ion Ratio Lower Upper

168 100

99 49.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003251.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003251.D (-983) (-)

7.80

150000

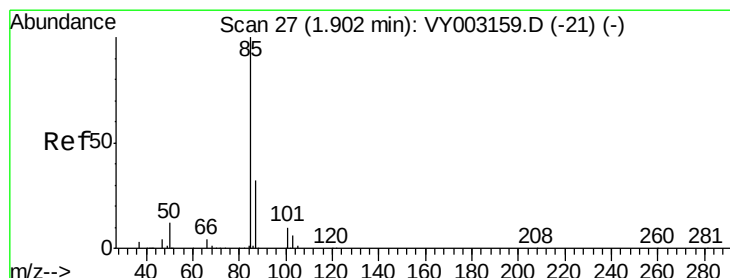
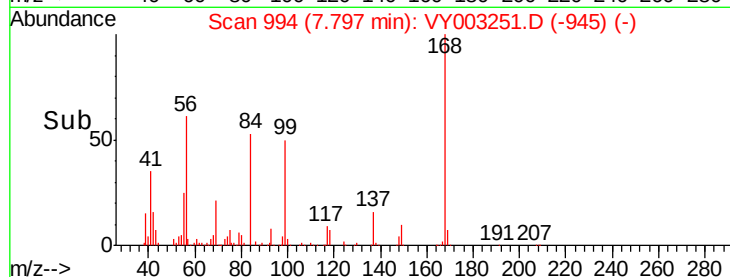
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.622 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003251.D

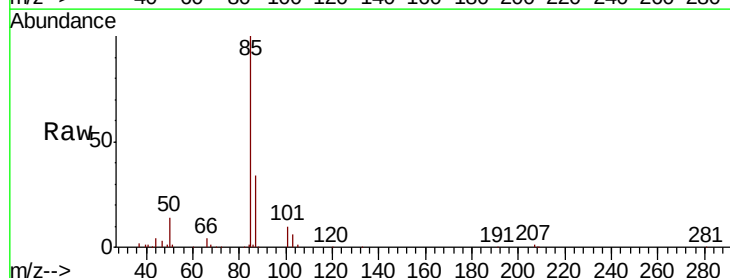
Acq: 20 Jul 2020 22:43

Tgt Ion: 85 Resp: 105342

Ion Ratio Lower Upper

85 100

87 34.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003251.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003251.D (-21) (-)

1.90

80000

60000

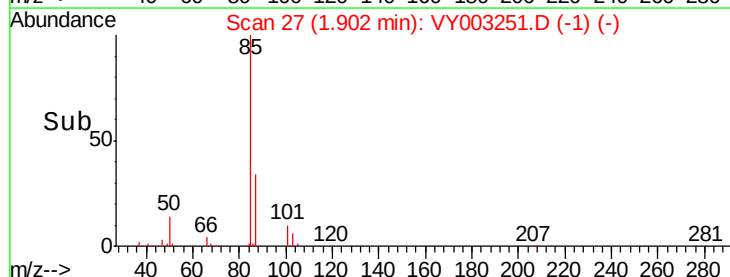
40000

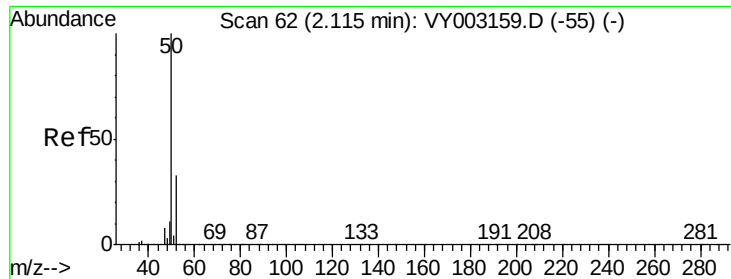
20000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 52.800 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

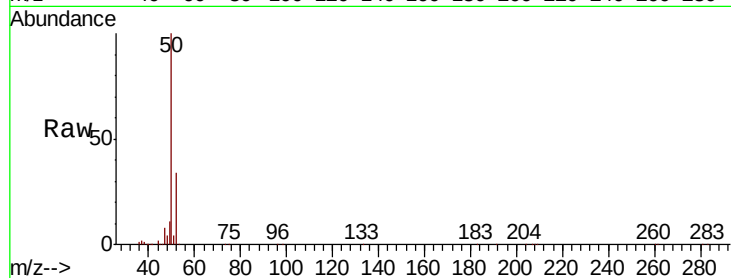
VSTDCCC050EC

Tot Ion: 50 Resp: 169107

Ion Ratio Lower Upper

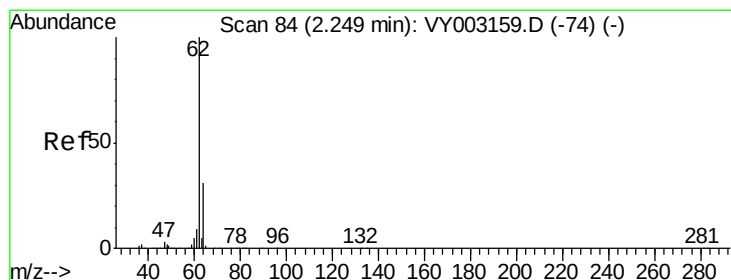
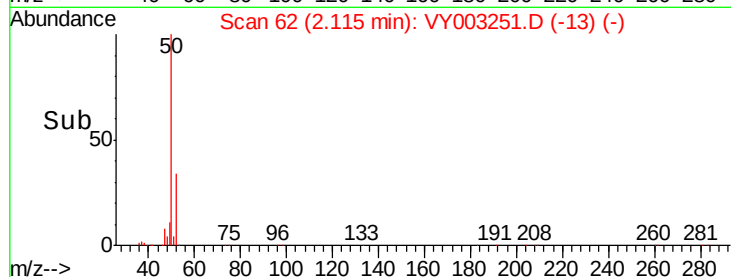
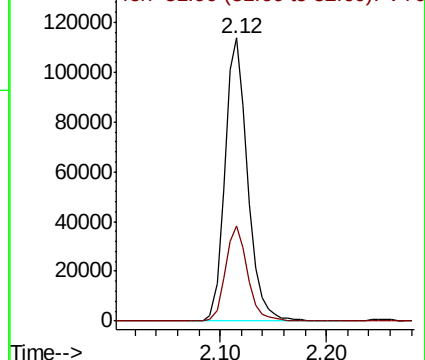
50 100

52 33.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.995 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003251.D

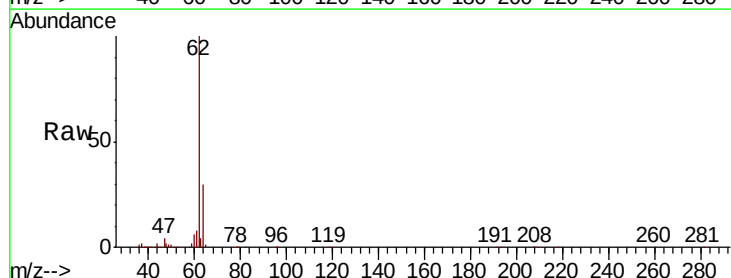
Acq: 20 Jul 2020 22:43

Tgt Ion: 62 Resp: 167575

Ion Ratio Lower Upper

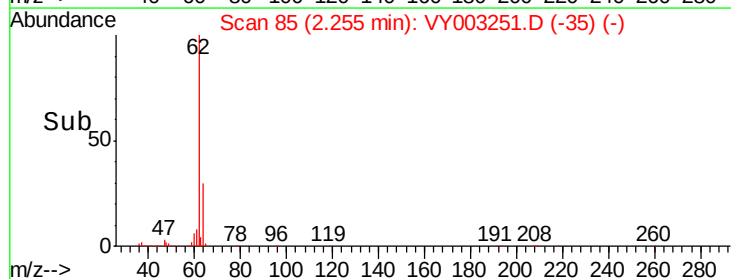
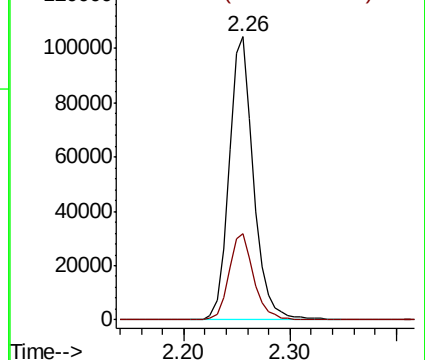
62 100

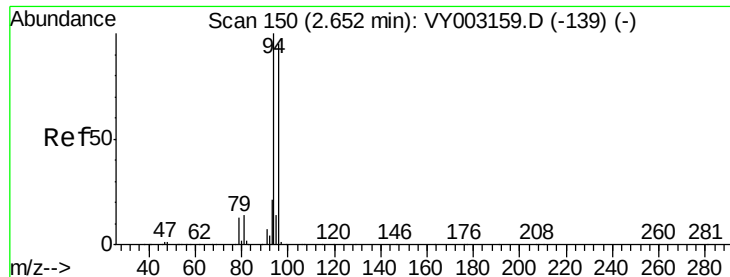
64 30.3 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 53.308 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

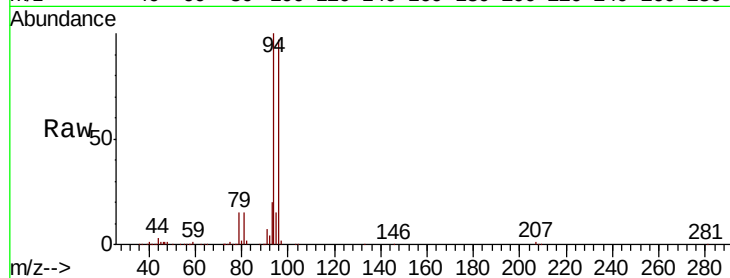
VSTDCCC050EC

Tot Ion: 94 Resp: 130115

Ion Ratio Lower Upper

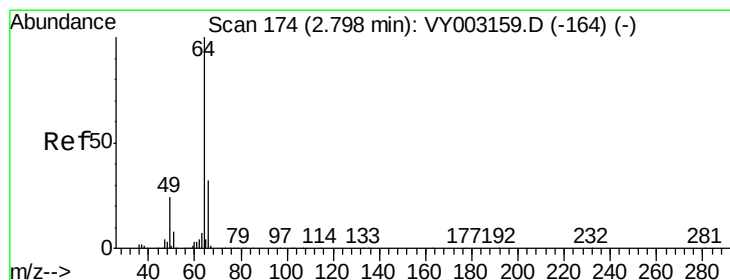
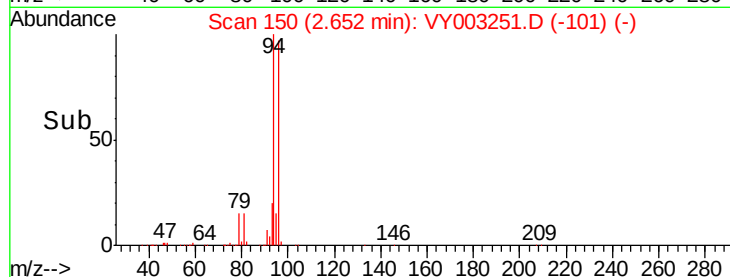
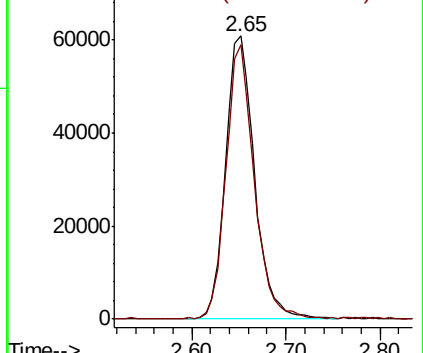
94 100

96 96.3 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.357 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003251.D

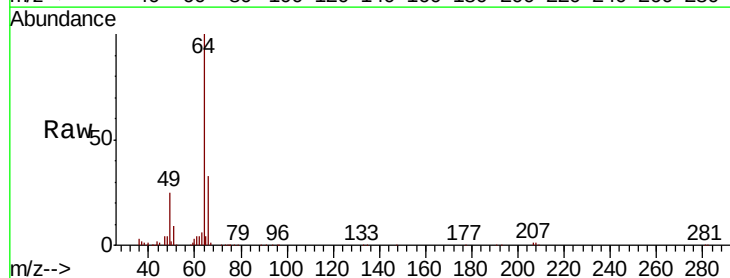
Acq: 20 Jul 2020 22:43

Tgt Ion: 64 Resp: 110847

Ion Ratio Lower Upper

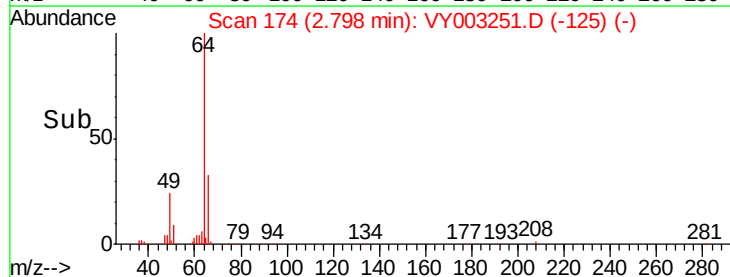
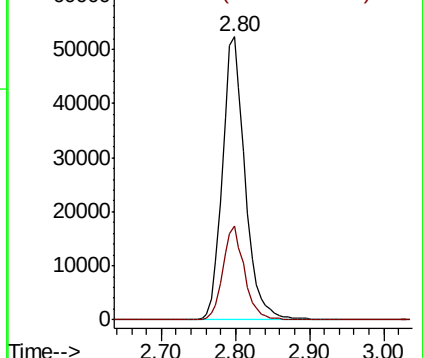
64 100

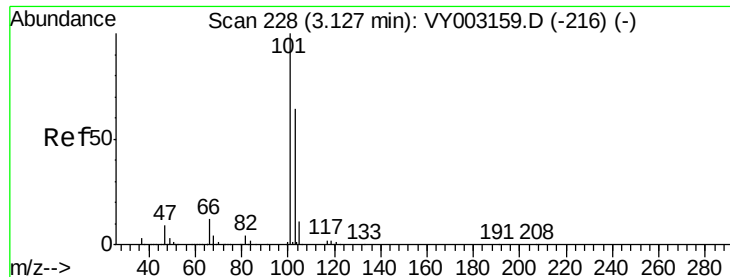
66 33.2 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



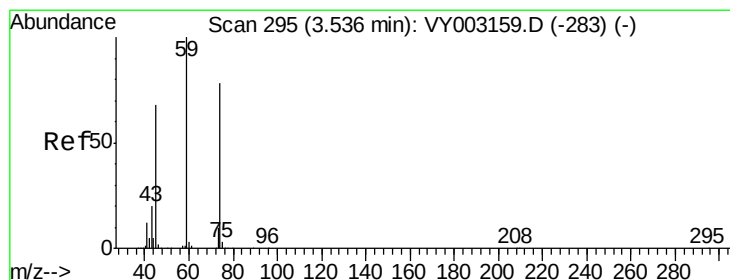
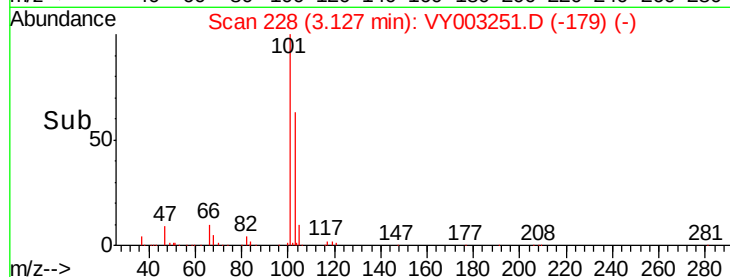
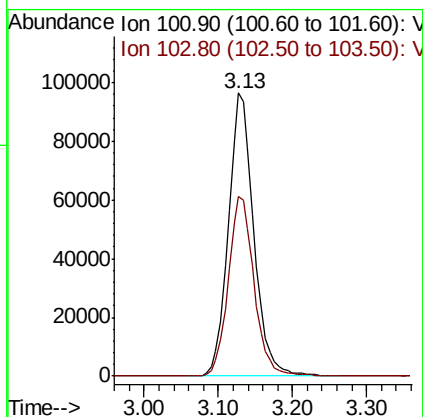
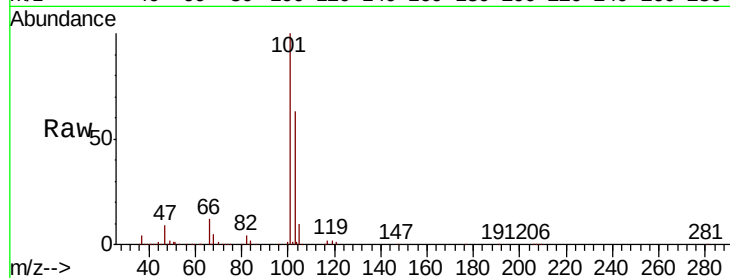


#7

Trichlorofluoromethane
Concen: 48.931 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

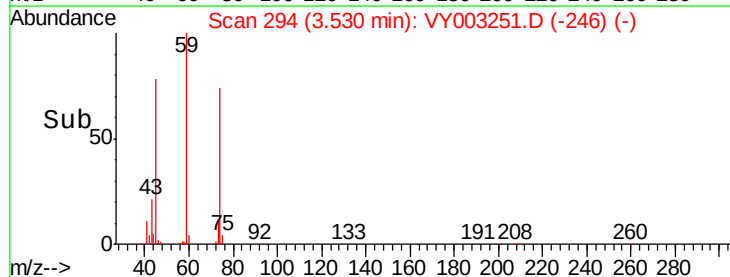
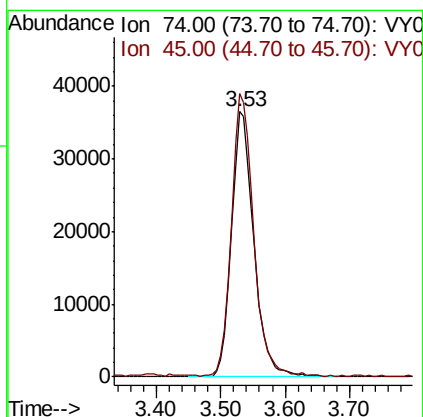
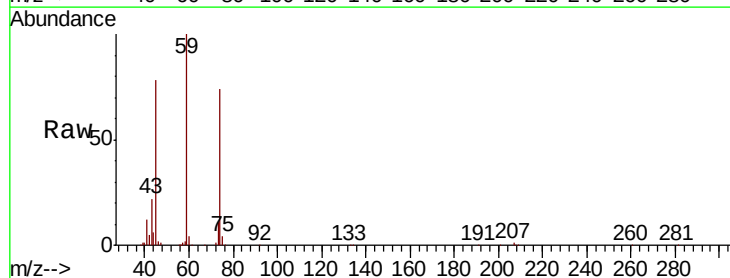
Tot Ion:101 Resp: 229625
Ion Ratio Lower Upper
101 100
103 63.3 51.3 76.9

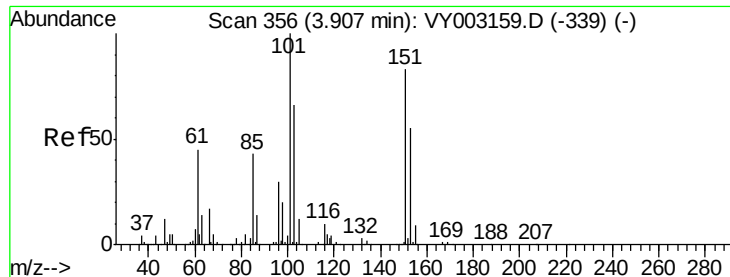


#8

Diethyl Ether
Concen: 56.543 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion: 74 Resp: 88917
Ion Ratio Lower Upper
74 100
45 105.5 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.631 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

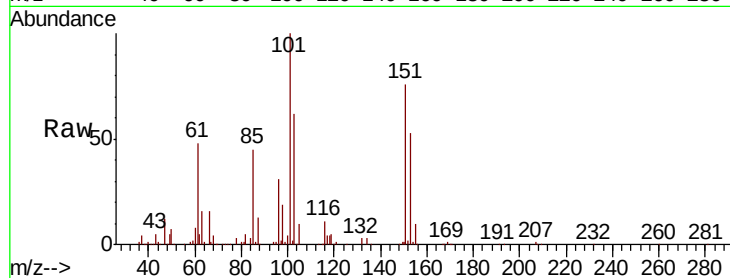
Tot Ion:101 Resp: 140668

Ion Ratio Lower Upper

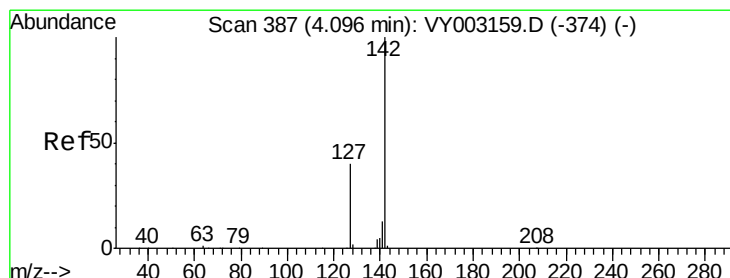
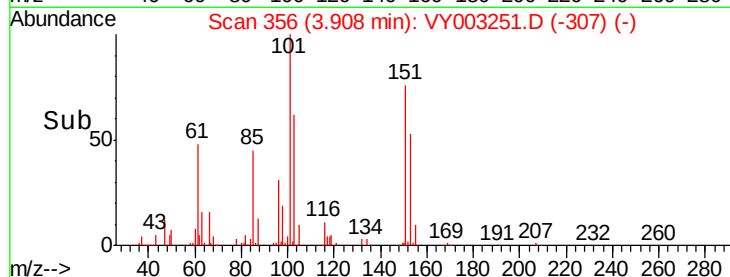
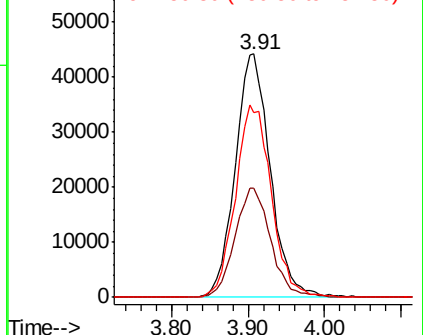
101 100

85 45.6 34.9 52.3

151 81.0 67.0 100.6



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: 42.358 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

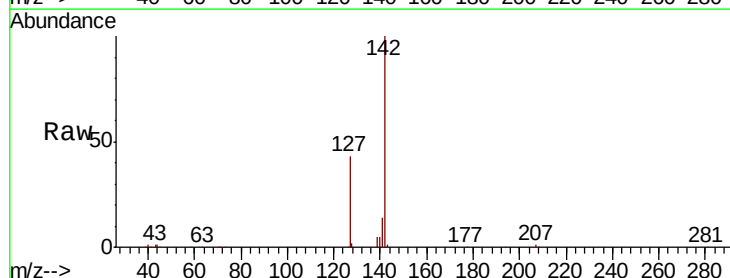
Tgt Ion:142 Resp: 130432

Ion Ratio Lower Upper

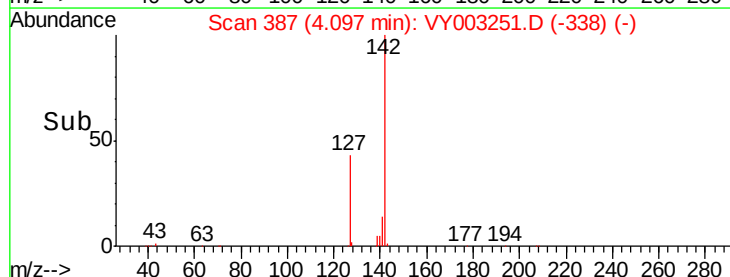
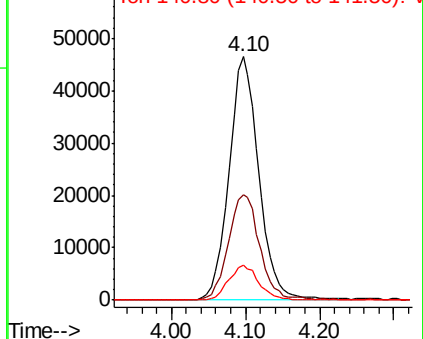
142 100

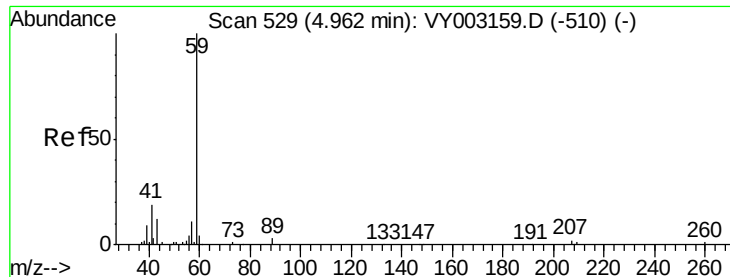
127 45.6 33.5 50.3

141 14.6 11.2 16.8



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



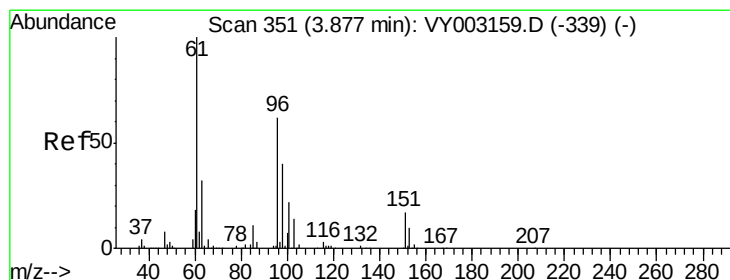
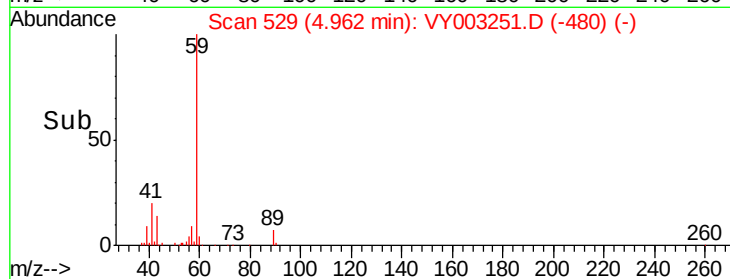
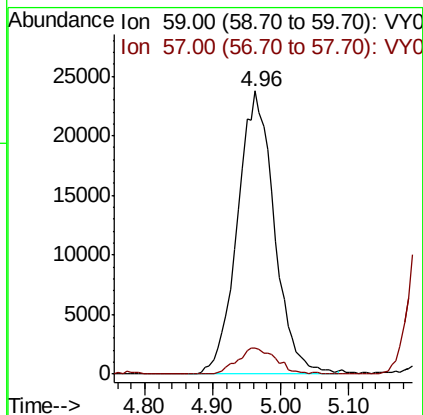
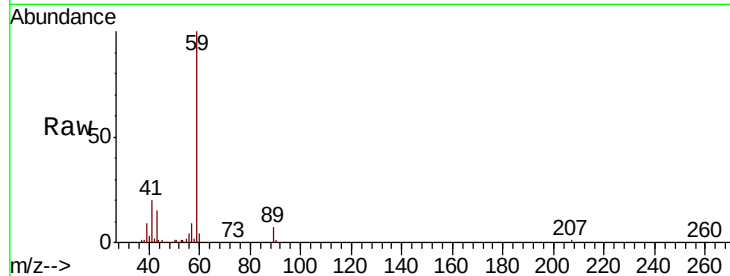


#11

Tert butyl alcohol
Concen: 306.037 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

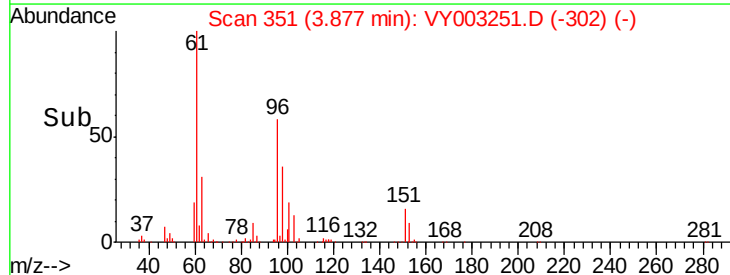
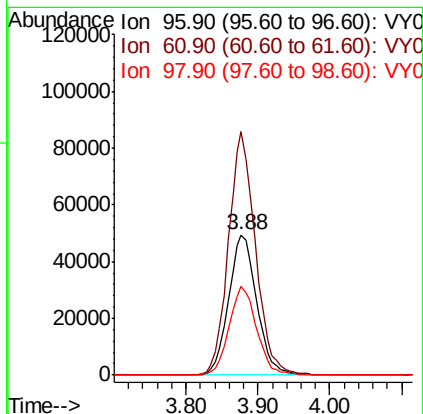
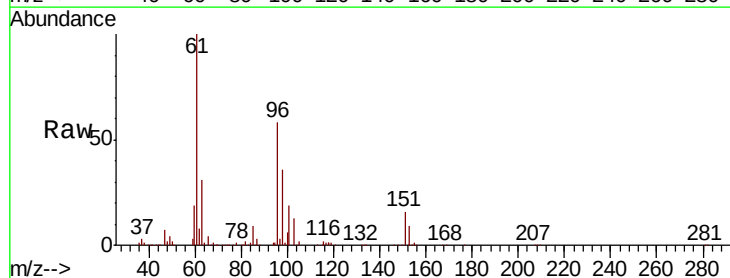
Tot Ion: 59 Resp: 89982
Ion Ratio Lower Upper
59 100
57 9.5 8.4 12.6

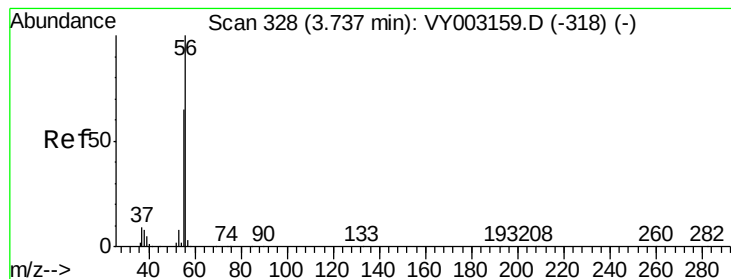


#12

1,1-Dichloroethene
Concen: 50.156 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion: 96 Resp: 134458
Ion Ratio Lower Upper
96 100
61 173.4 128.6 193.0
98 62.8 51.6 77.4





#13

Acrolein

Concen: 253.362 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

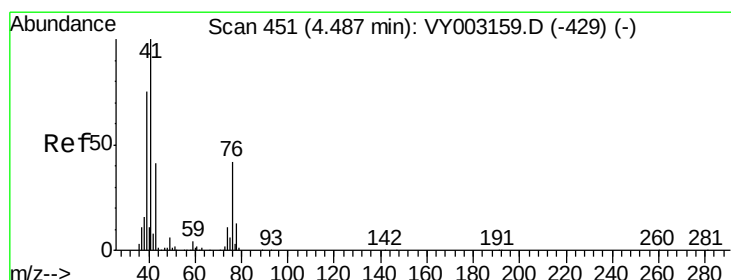
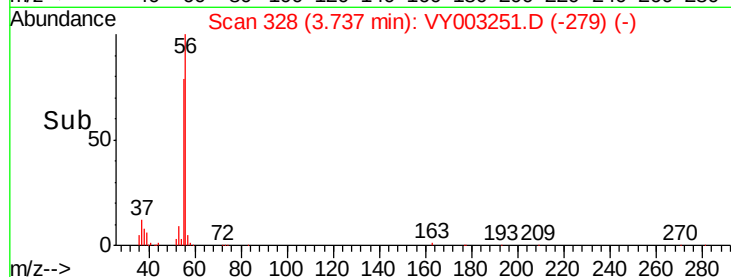
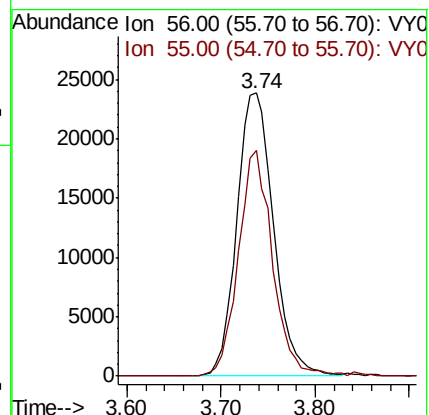
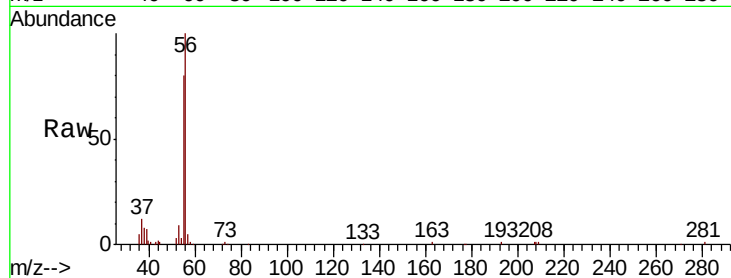
VSTDCCC050EC

Tot Ion: 56 Resp: 64659

Ion Ratio Lower Upper

56 100

55 74.0 56.0 84.0



#14

Allyl chloride

Concen: 62.285 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

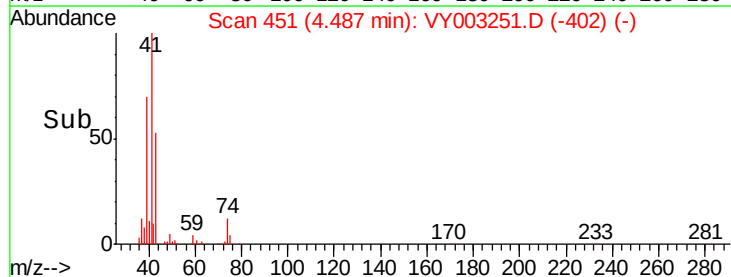
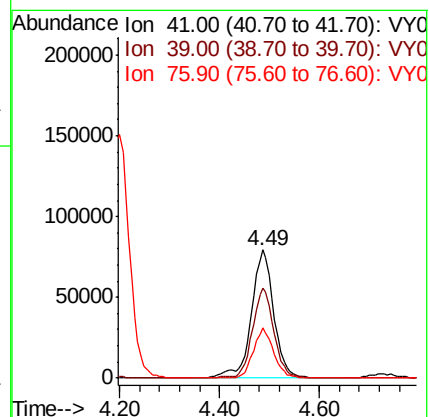
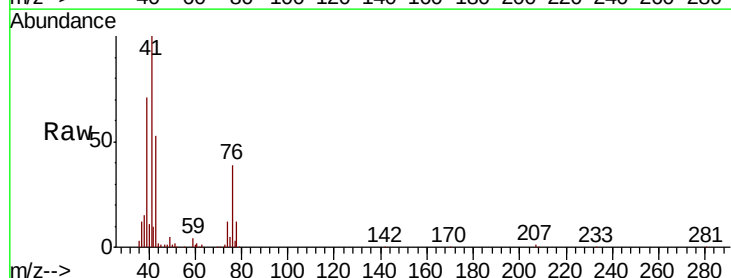
Tgt Ion: 41 Resp: 247761

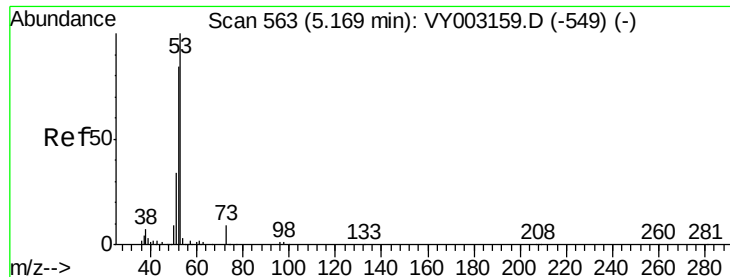
Ion Ratio Lower Upper

41 100

39 66.9 56.6 85.0

76 35.5 31.6 47.4





#15

Acrylonitrile

Concen: 328.583 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

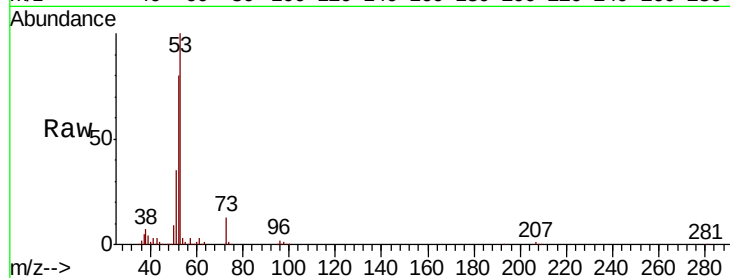
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 248210

Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.8	98.6
51	36.6	29.0	43.4

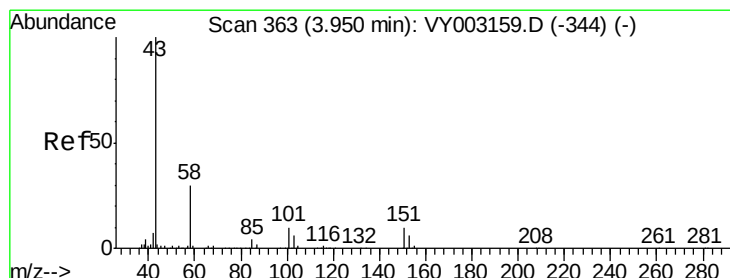
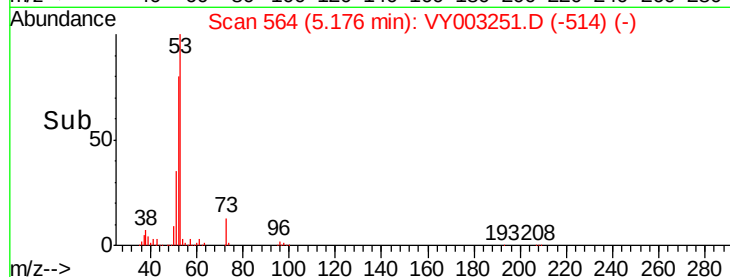
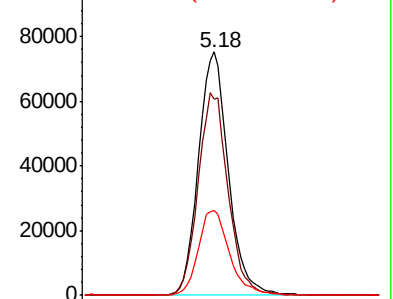


Abundance

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: 322.382 ug/l

RT: 3.95 min Scan# 363

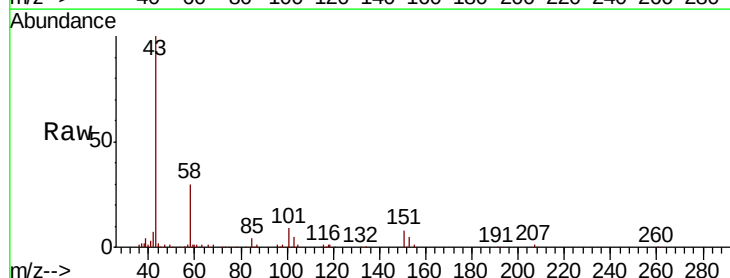
Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Tgt Ion: 43 Resp: 195805

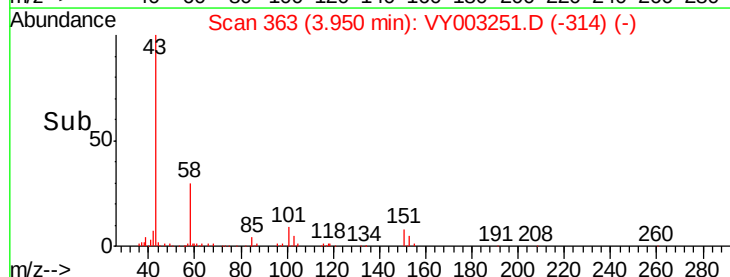
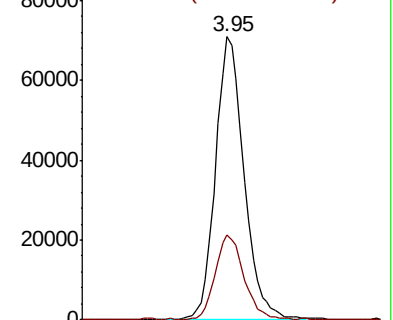
Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.8	35.6

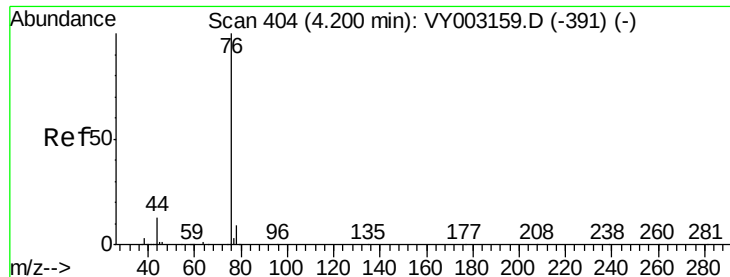


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 50.541 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

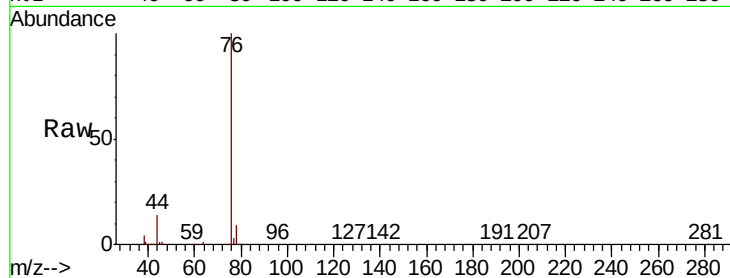
VSTDCCC050EC

Tot Ion: 76 Resp: 415754

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

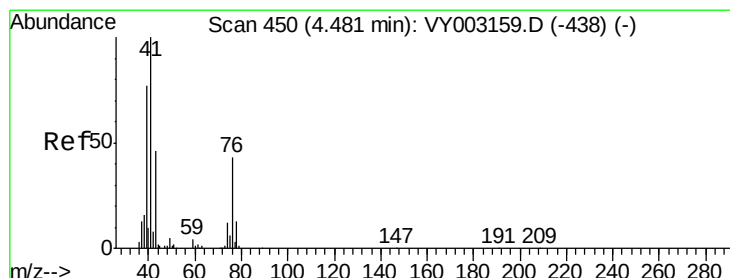
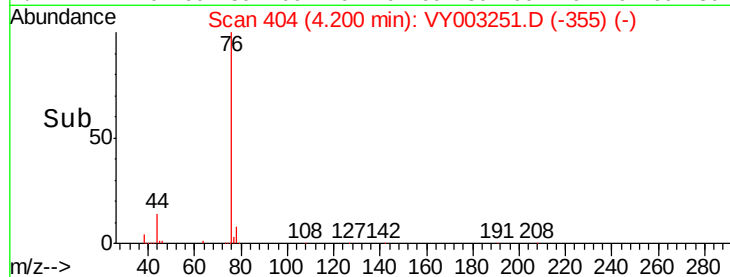
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 74.078 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003251.D

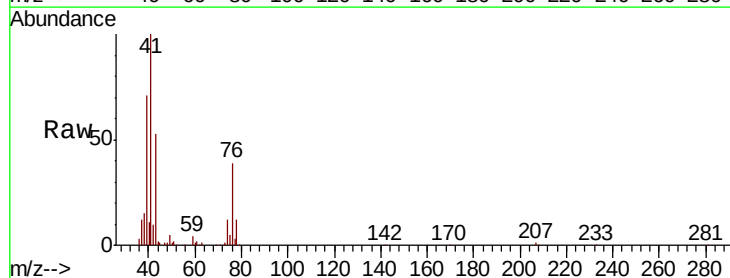
Acq: 20 Jul 2020 22:43

Tgt Ion: 43 Resp: 124951

Ion Ratio Lower Upper

43 100

74 22.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

50000

40000

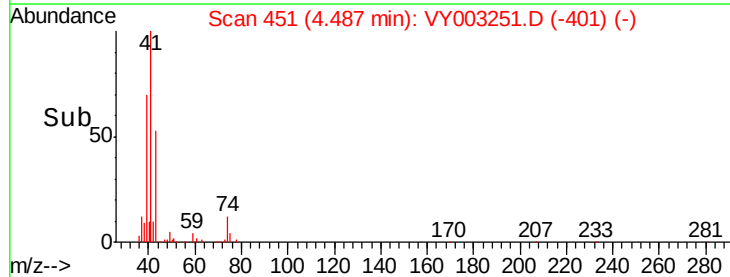
30000

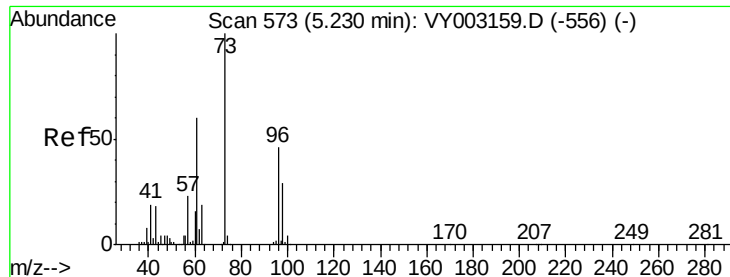
20000

10000

0

Time-->

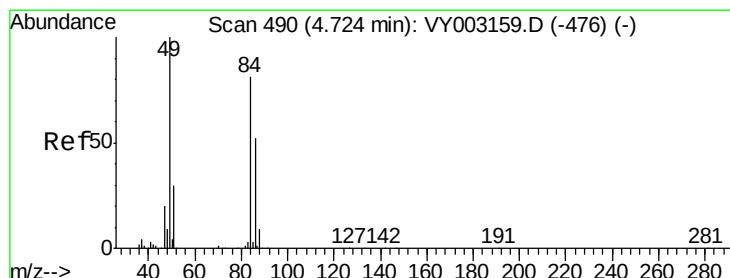
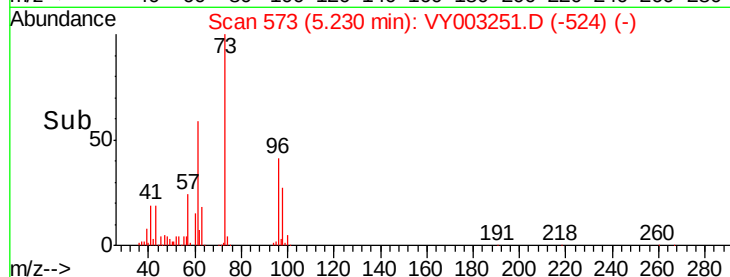
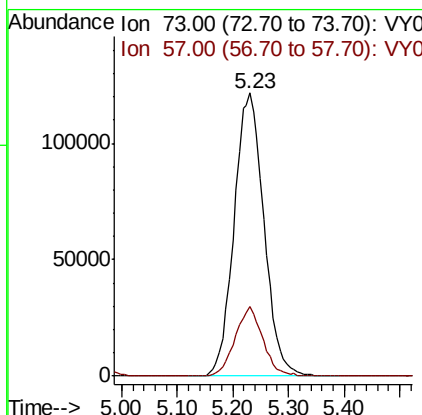
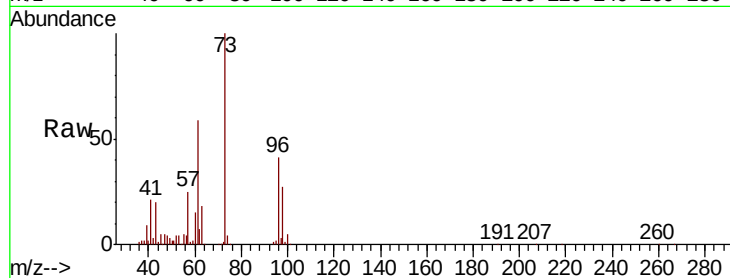




#19
Methyl tert-butyl Ether
Concen: 60.128 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

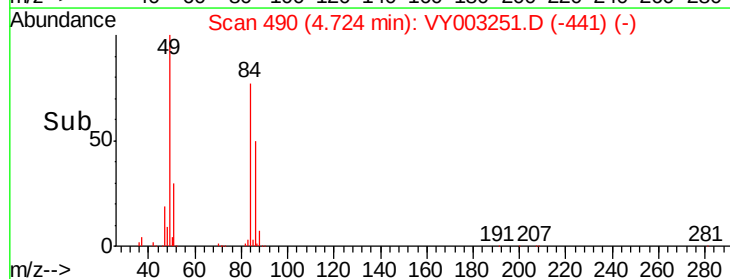
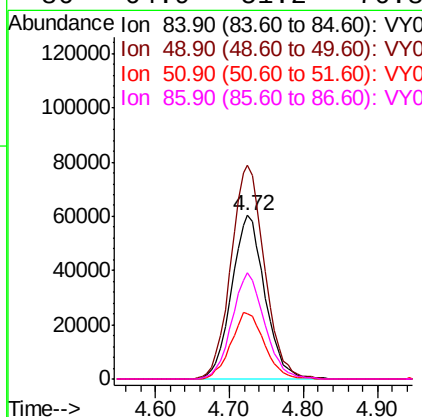
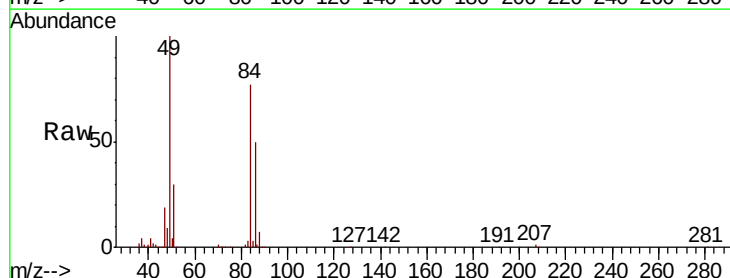
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

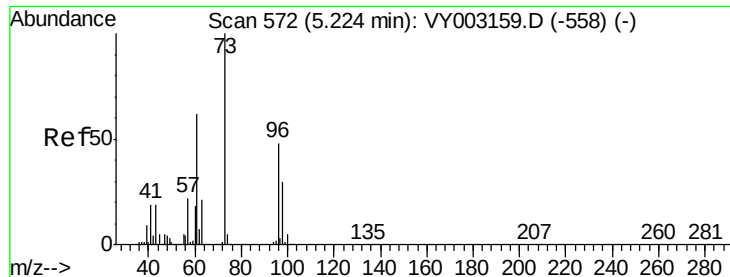
Tot Ion: 73 Resp: 451716
Ion Ratio Lower Upper
73 100
57 24.5 18.1 27.1



#20
Methylene Chloride
Concen: 63.172 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion: 84 Resp: 188625
Ion Ratio Lower Upper
84 100
49 130.3 98.2 147.4
51 39.7 29.8 44.6
86 64.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 53.105 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

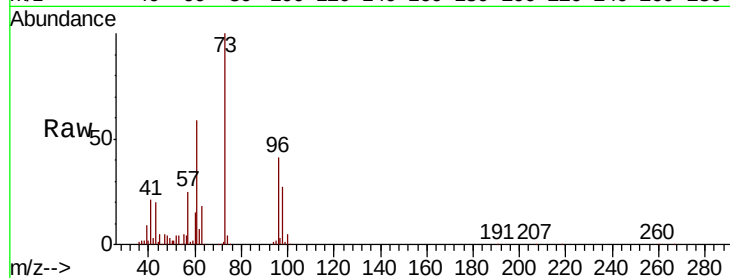
Tot Ion: 96 Resp: 161019

Ion Ratio Lower Upper

96 100

61 143.7 102.5 153.7

98 65.4 49.8 74.8

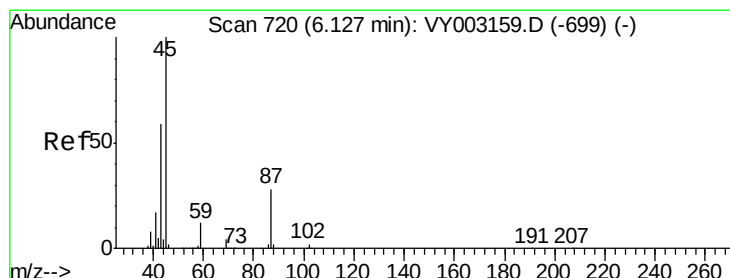
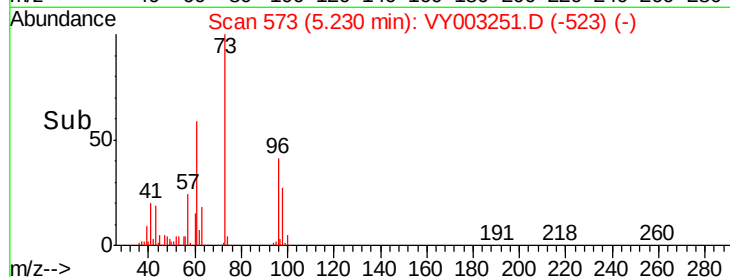
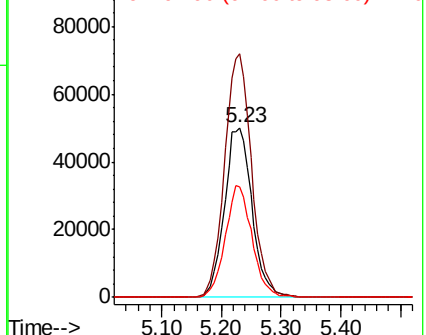


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 64.254 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Tgt Ion: 45 Resp: 567250

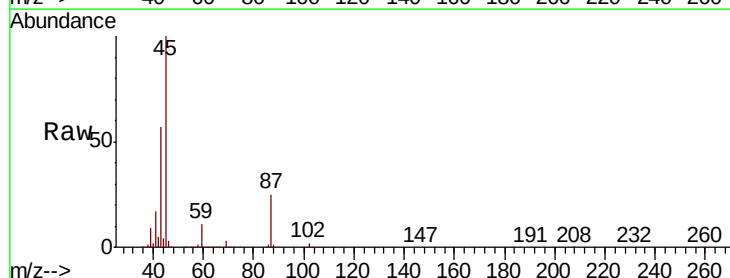
Ion Ratio Lower Upper

45 100

43 57.1 47.0 70.4

87 25.2 22.6 33.8

59 11.3 9.8 14.6



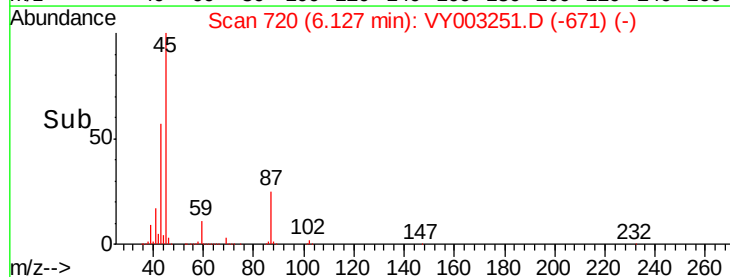
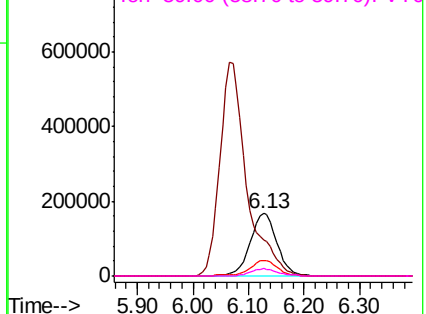
Abundance

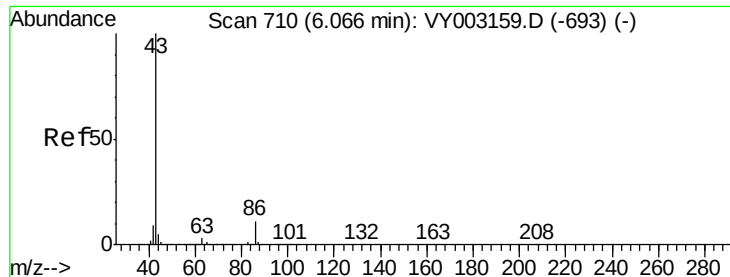
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 325.720 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

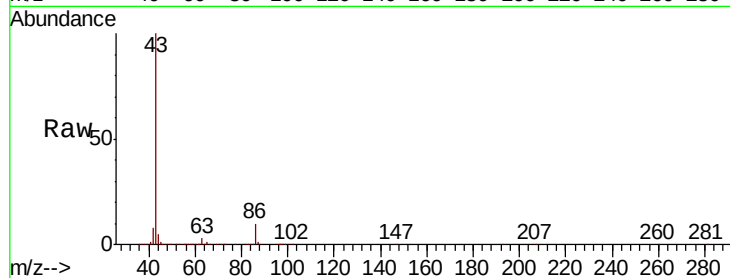
VSTDCCC050EC

Tot Ion: 43 Resp: 1916618

Ion Ratio Lower Upper

43 100

86 9.6 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

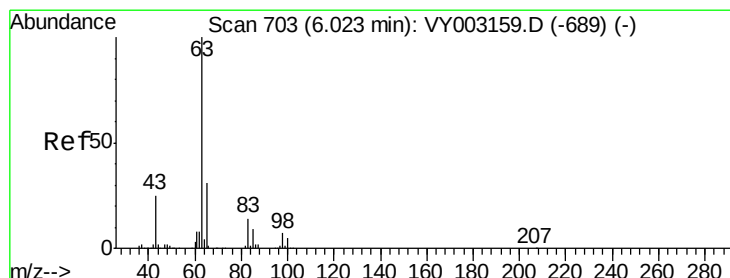
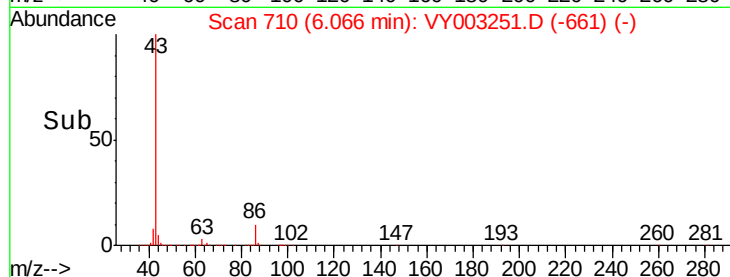
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 58.321 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

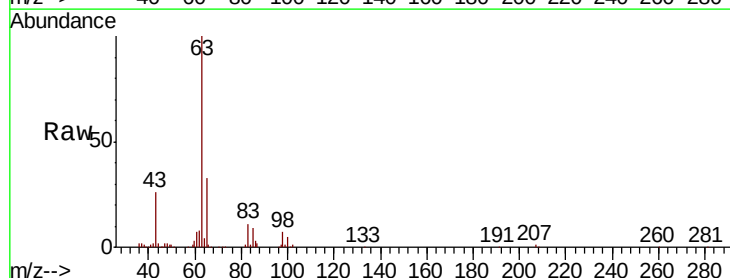
Tgt Ion: 63 Resp: 298290

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

120000

100000

80000

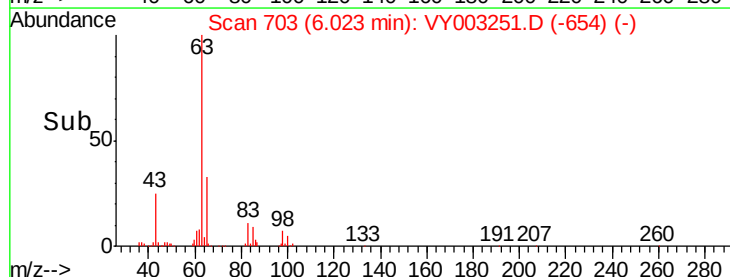
60000

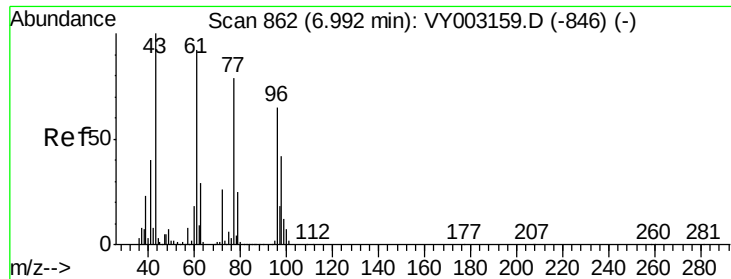
40000

20000

0

Time-->





#25

2-Butanone

Concen: 338.218 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

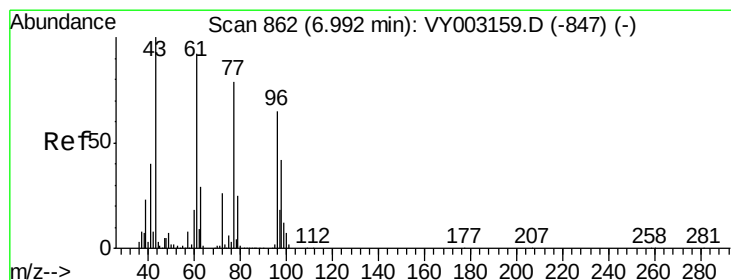
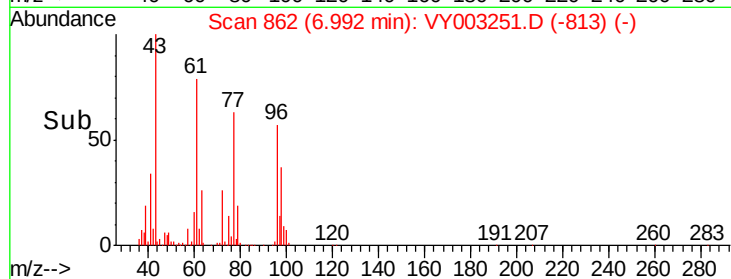
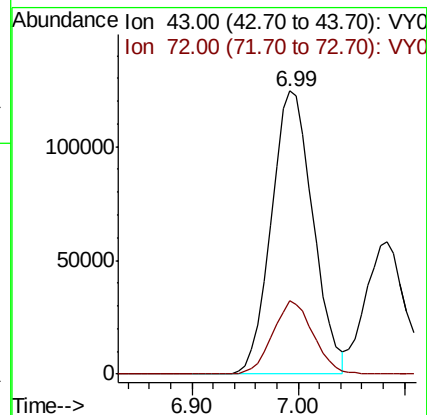
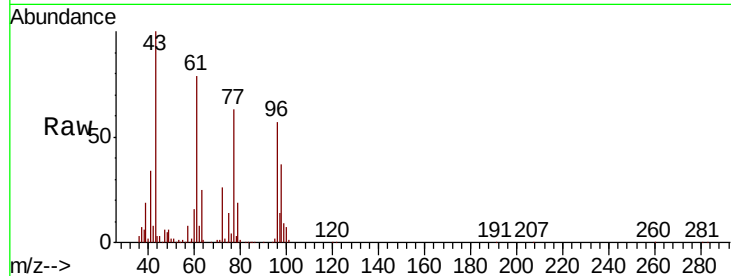
VSTDCCC050EC

Tot Ion: 43 Resp: 337286

Ion Ratio Lower Upper

43 100

72 26.0 20.9 31.3



#26

2,2-Dichloropropane

Concen: 51.464 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003251.D

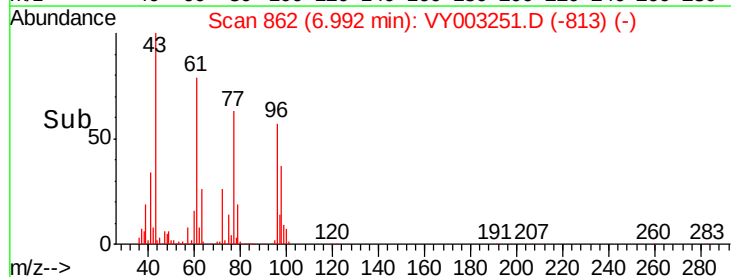
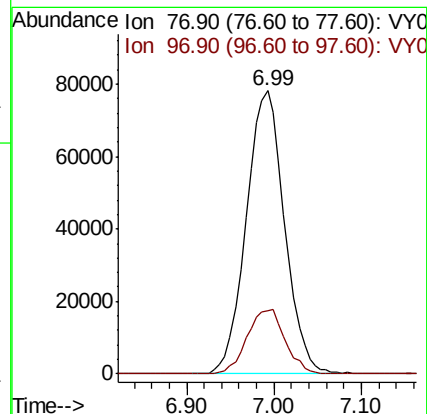
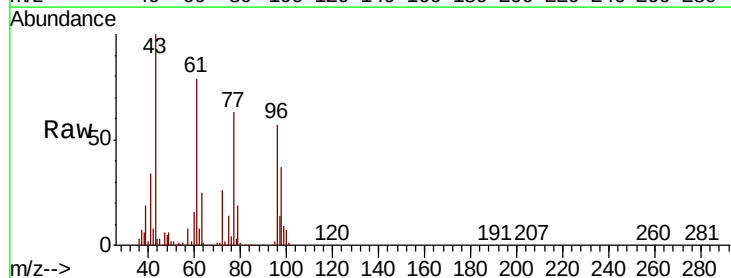
Acq: 20 Jul 2020 22:43

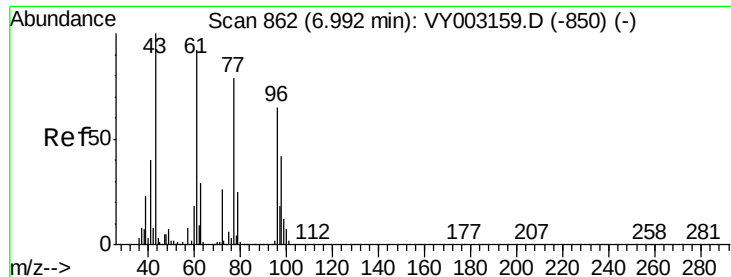
Tgt Ion: 77 Resp: 237051

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.7



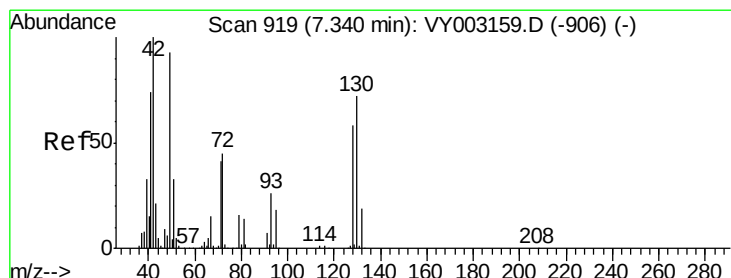
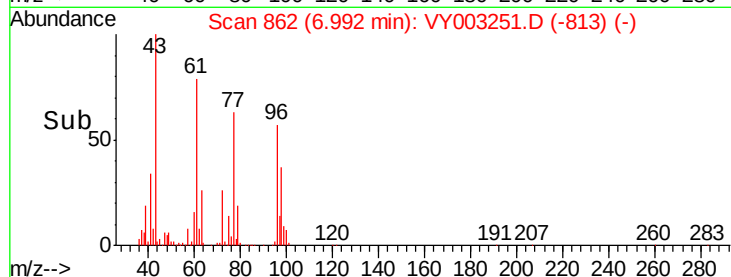
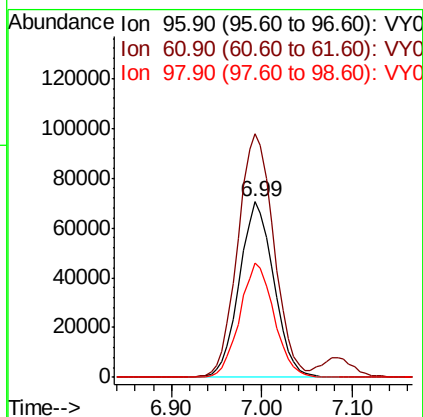
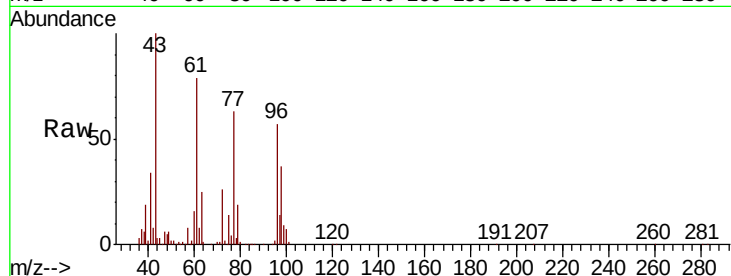


#27

cis-1,2-Dichloroethene
 Concen: 55.807 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

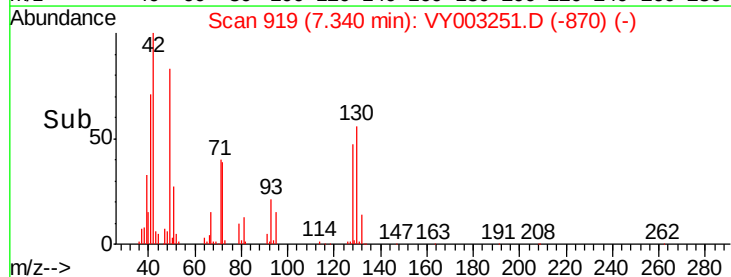
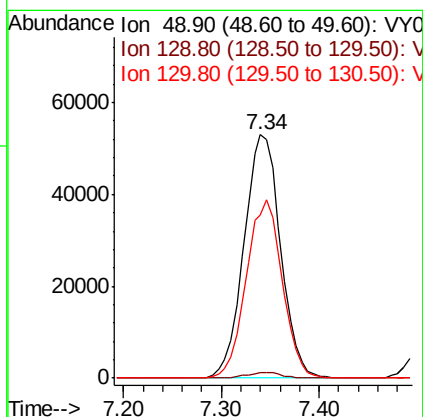
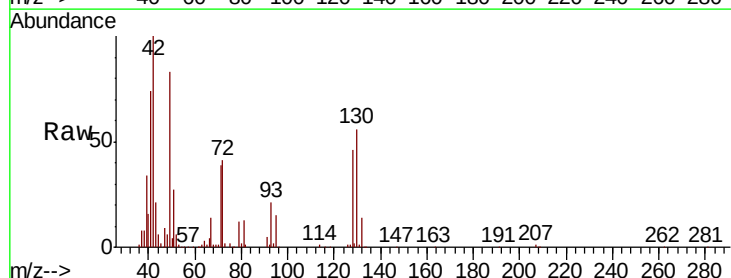
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	281.2
98	64.6	0.0	129.8

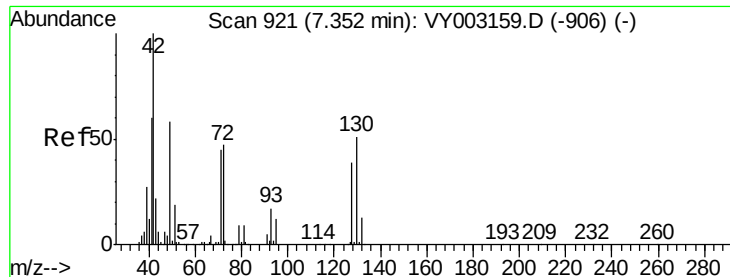


#28

Bromochloromethane
 Concen: 61.952 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	72.2	64.9	97.3





#29

Tetrahydrofuran

Concen: 341.833 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

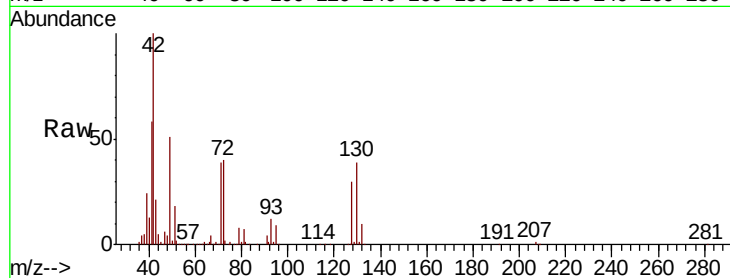
Tot Ion: 42 Resp: 229005

Ion Ratio Lower Upper

42 100

72 41.7 36.7 55.1

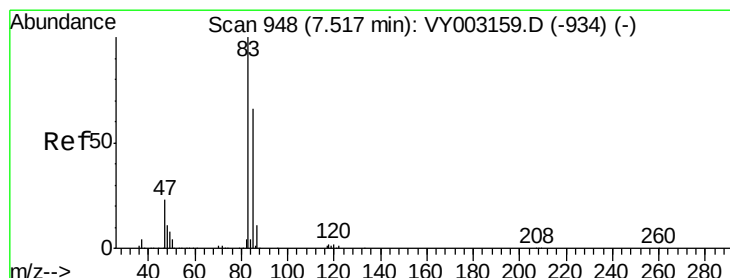
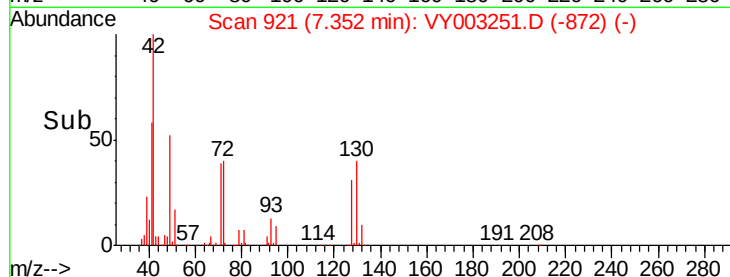
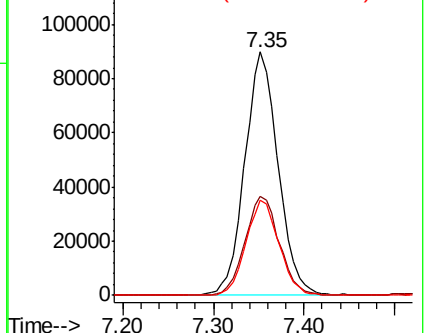
71 38.5 34.2 51.4



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: 57.491 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003251.D

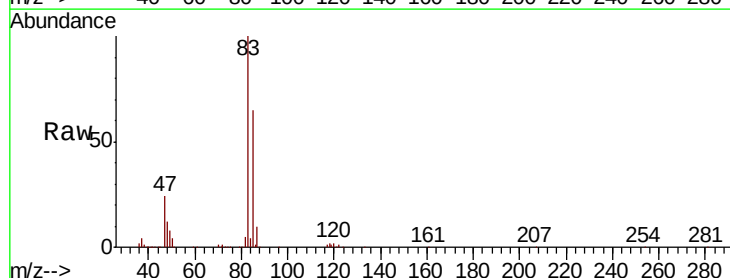
Acq: 20 Jul 2020 22:43

Tgt Ion: 83 Resp: 302849

Ion Ratio Lower Upper

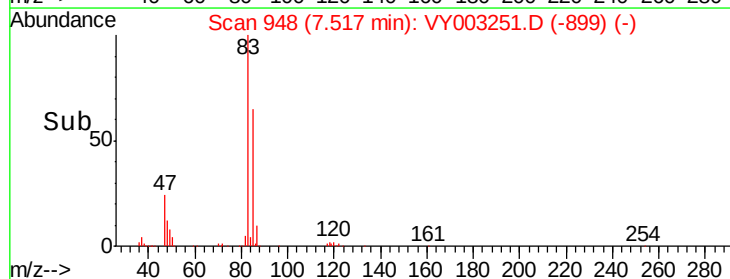
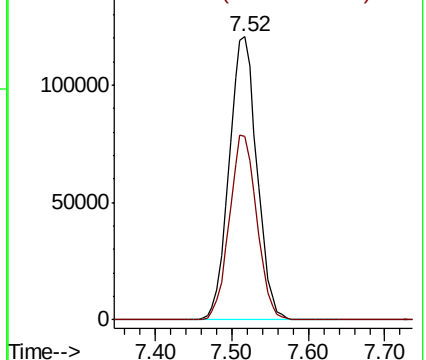
83 100

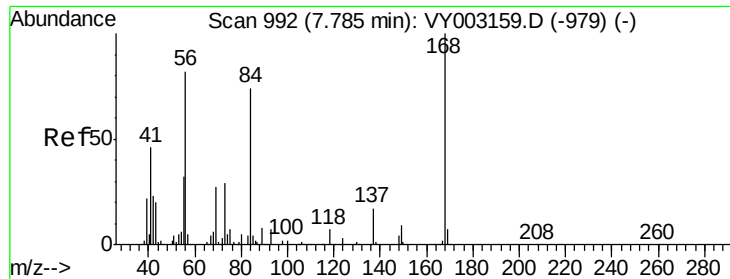
85 64.9 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

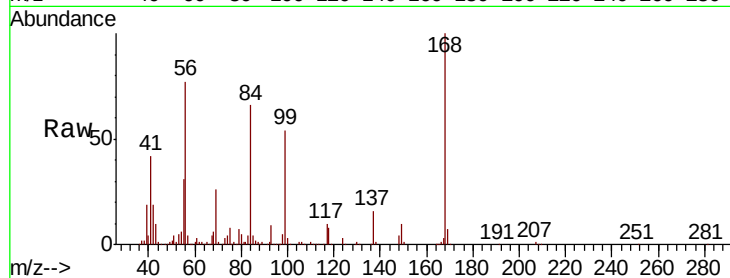




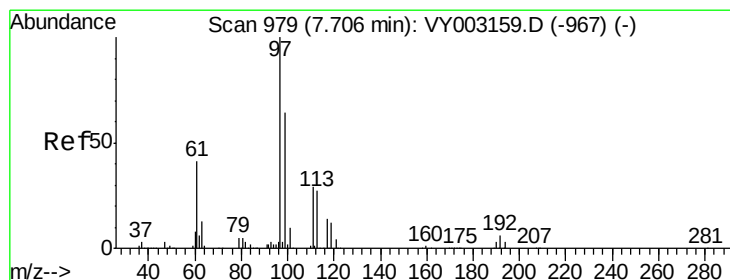
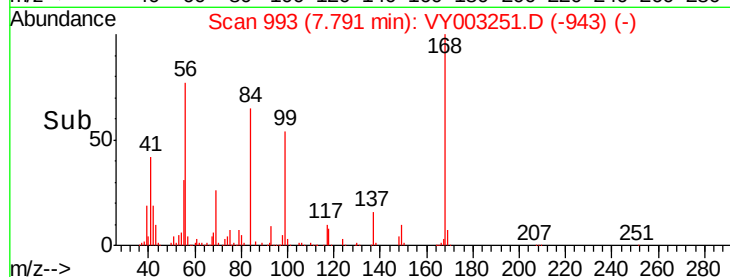
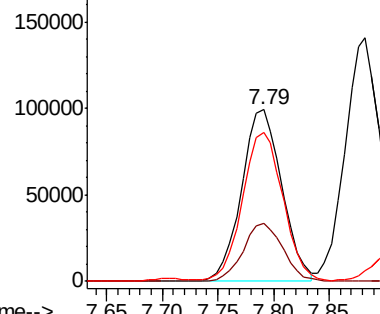
#31
Cyclohexane
Concen: 50.614 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 250325
Ion Ratio Lower Upper
56 100
69 33.8 26.7 40.1
84 85.0 72.3 108.5

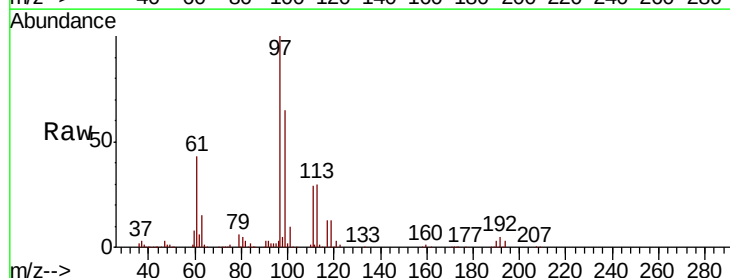


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

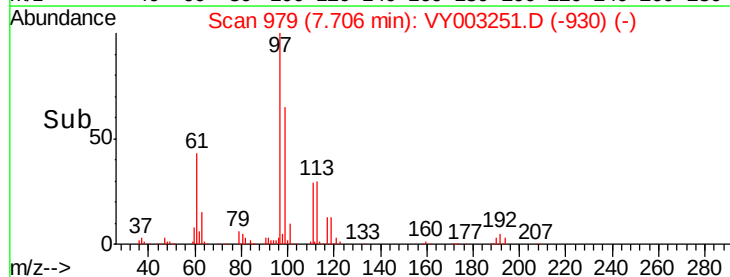
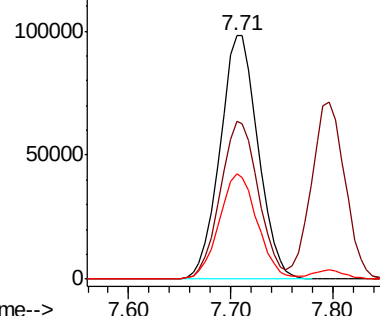


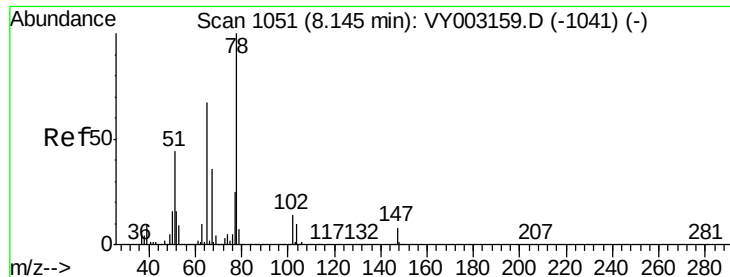
#32
1,1,1-Trichloroethane
Concen: 53.812 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion: 97 Resp: 255193
Ion Ratio Lower Upper
97 100
99 64.7 52.1 78.1
61 43.2 33.9 50.9



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

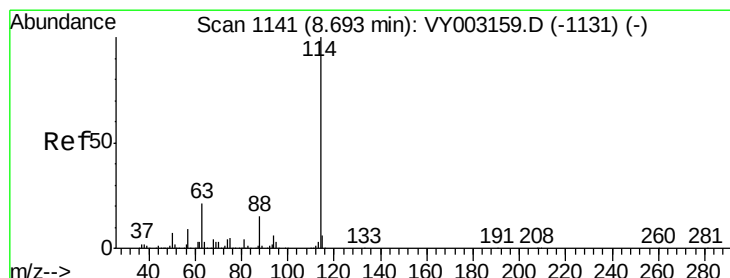
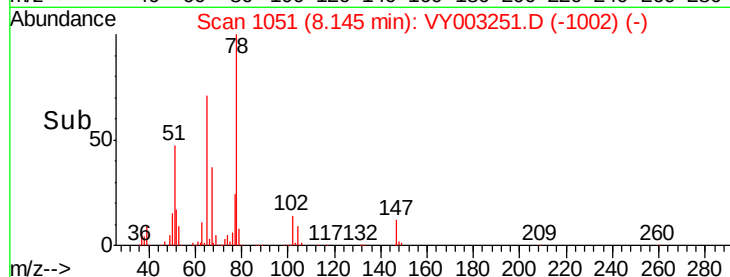
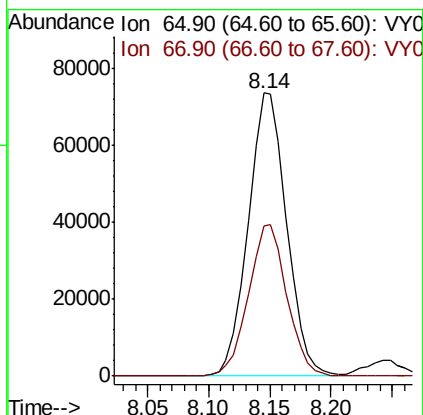
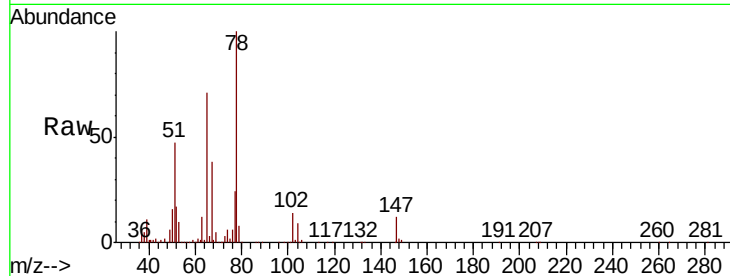




#33
 1,2-Dichloroethane-d4
 Concen: 59.120 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

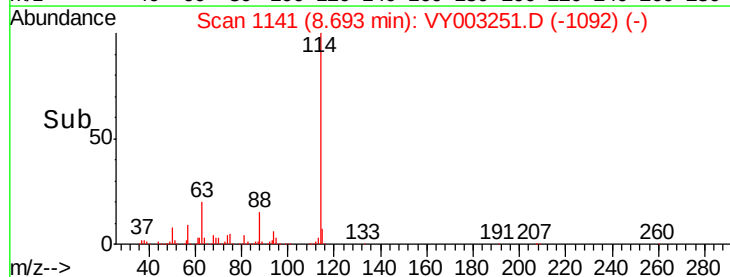
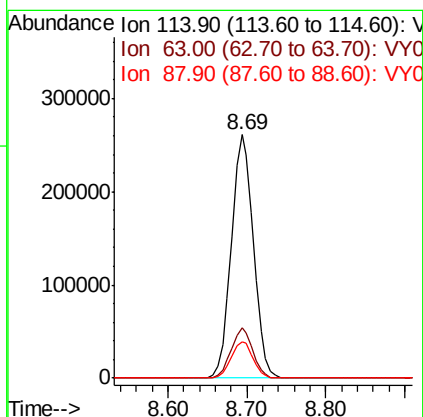
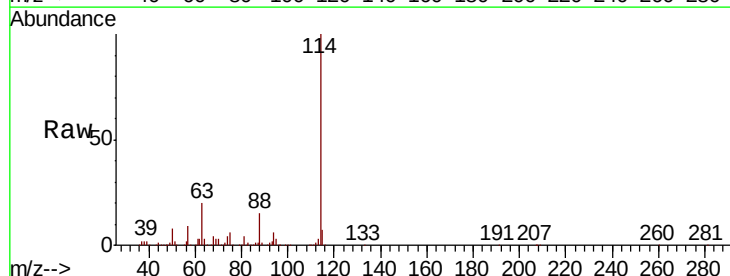
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

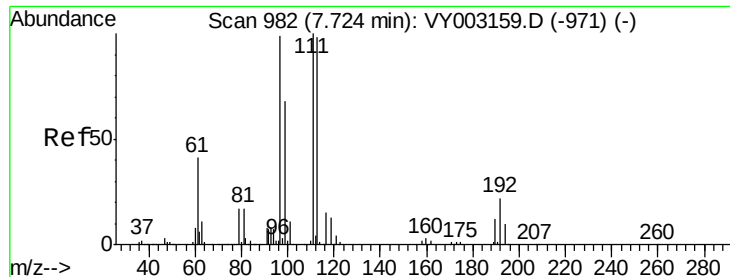
Tot Ion: 65 Resp: 160754
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion: 114 Resp: 507146
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.2
 88 15.0 0.0 30.2

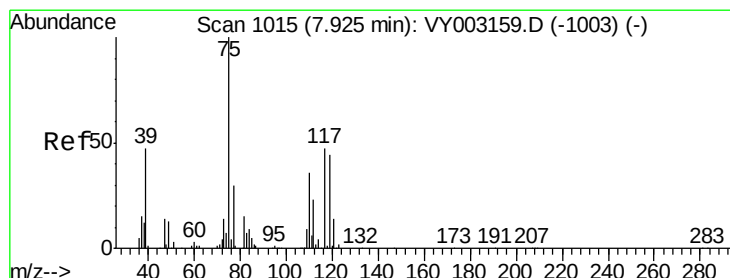
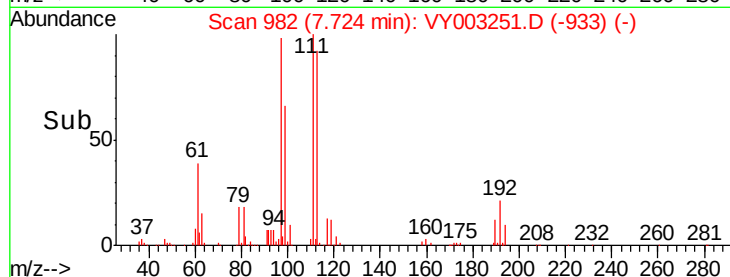
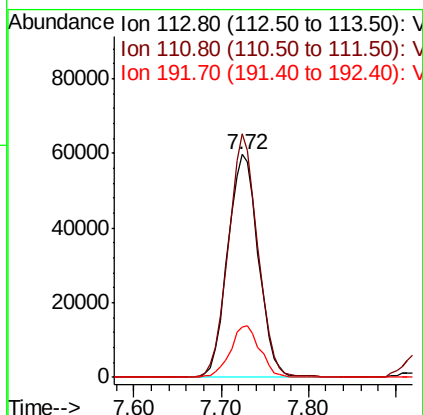
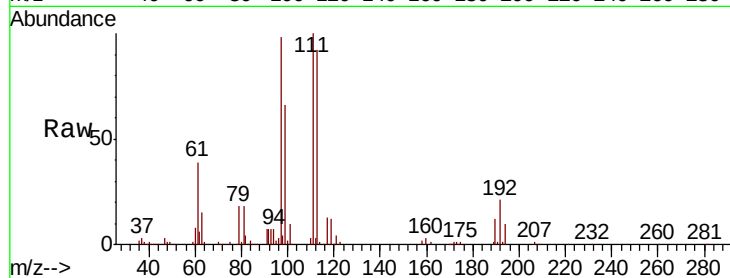




#35
 Dibromofluoromethane
 Concen: 49.787 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

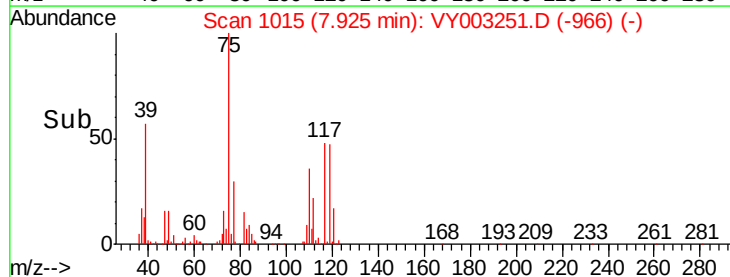
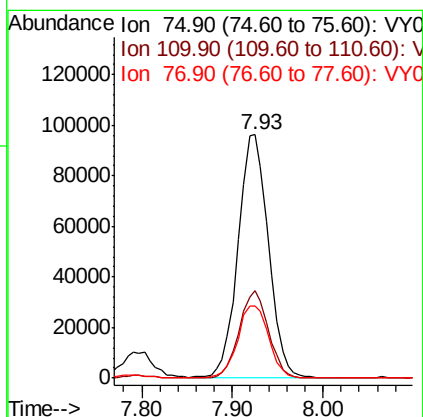
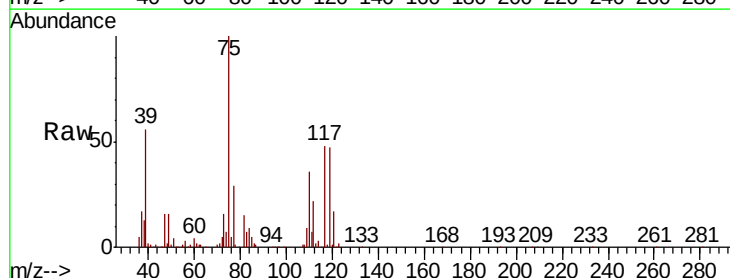
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

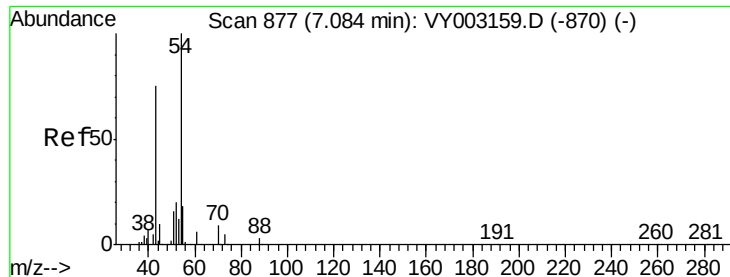
Tot Ion:113 Resp: 145303
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.1 123.1
 192 22.4 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 48.263 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion: 75 Resp: 221838
 Ion Ratio Lower Upper
 75 100
 110 34.9 18.1 54.1
 77 31.1 24.8 37.2

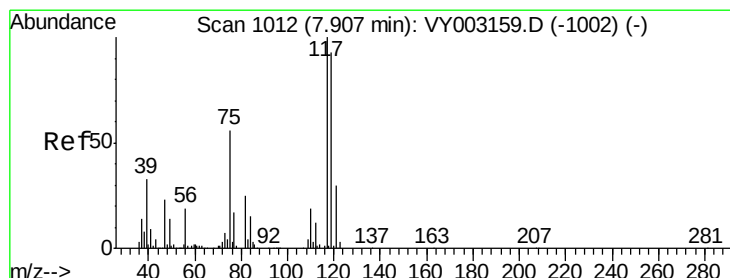
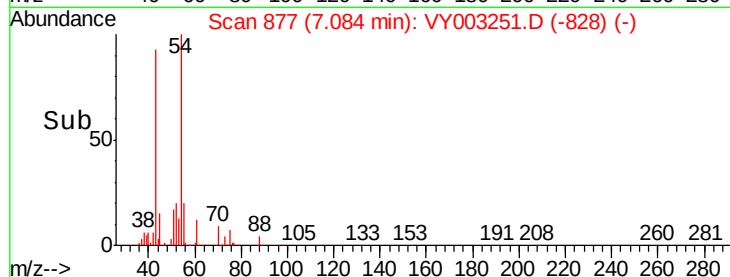
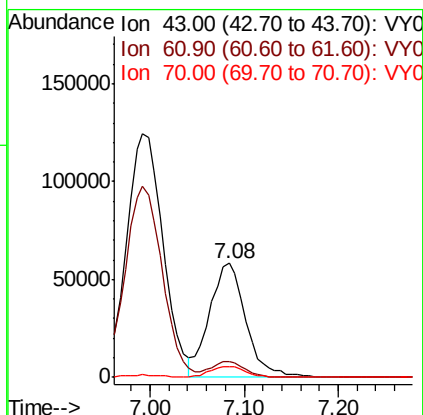
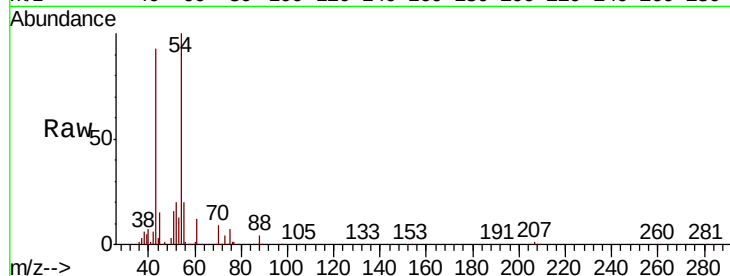




#37
Ethyl Acetate
Concen: 62.744 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

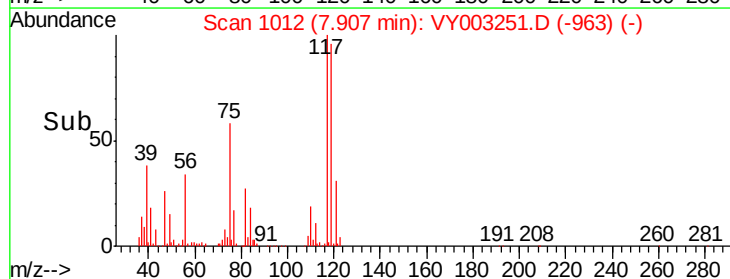
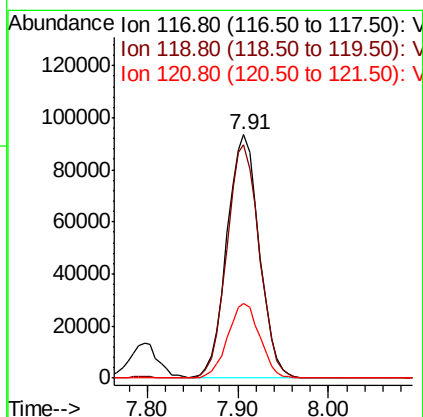
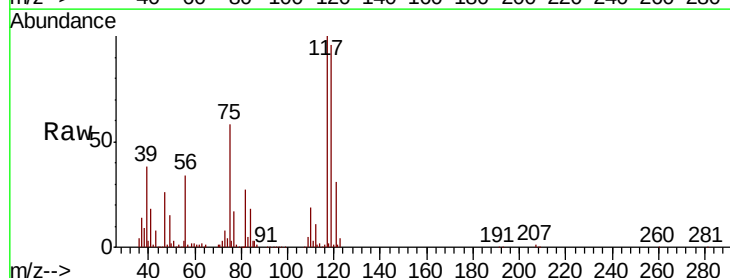
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

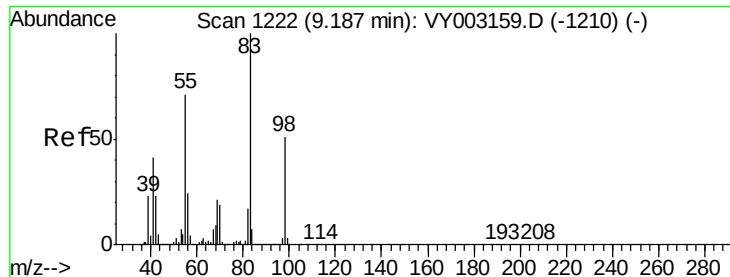
Tot Ion: 43 Resp: 155310
Ion Ratio Lower Upper
43 100
61 12.5 11.8 17.6
70 9.6 8.6 13.0



#38
Carbon Tetrachloride
Concen: 48.683 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion: 117 Resp: 231009
Ion Ratio Lower Upper
117 100
119 96.1 74.5 111.7
121 30.6 24.2 36.2

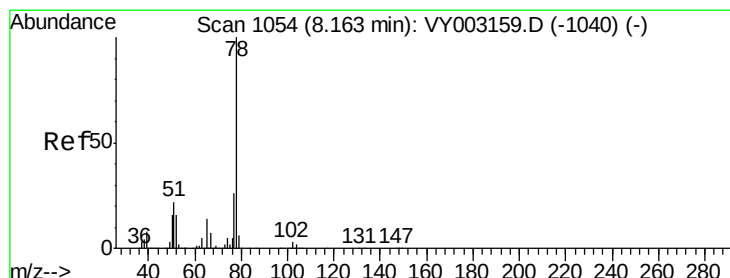
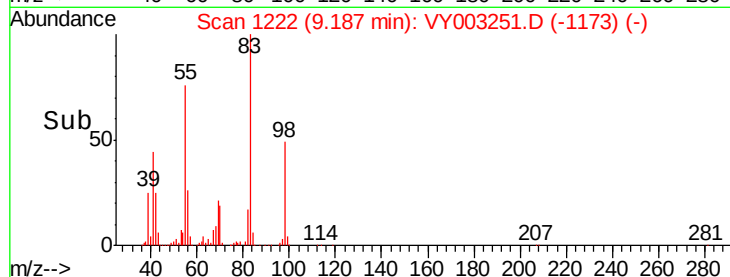
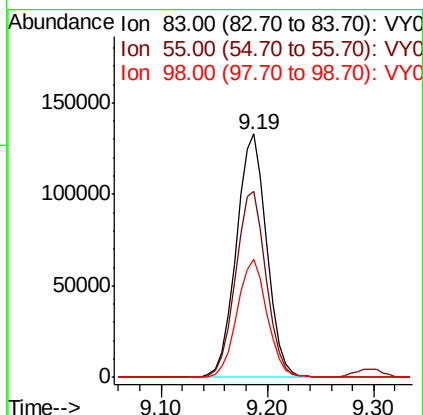
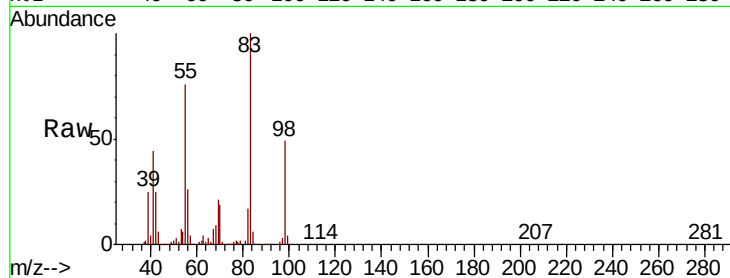




#39
Methylvlcyclohexane
Concen: 46.107 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

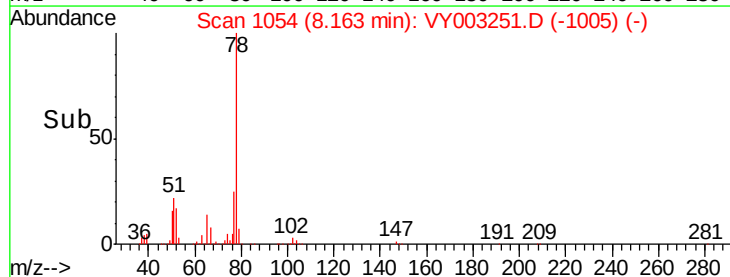
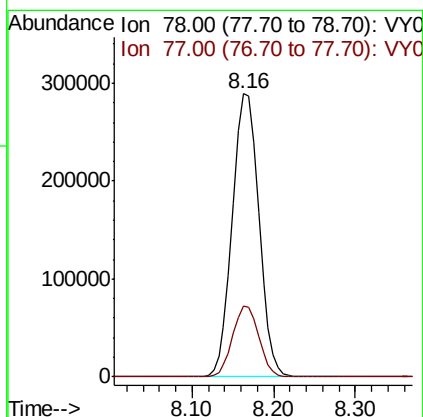
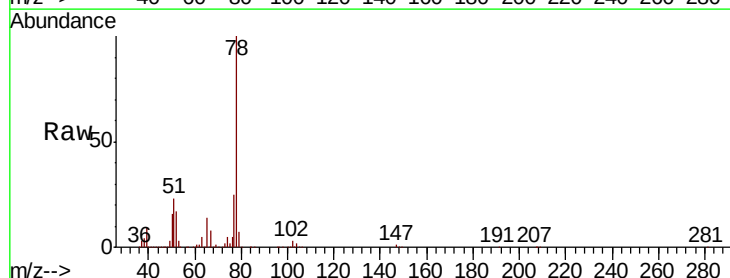
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

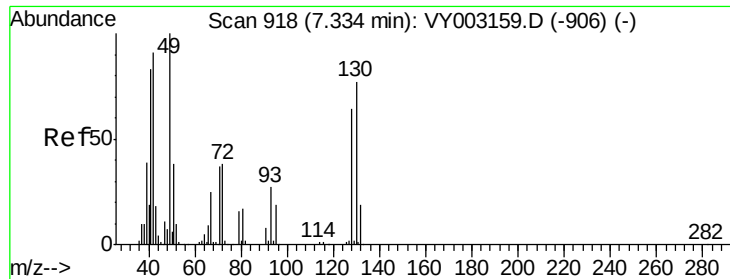
Tot Ion: 83 Resp: 266228
Ion Ratio Lower Upper
83 100
55 76.2 57.2 85.8
98 48.7 41.0 61.6



#40
Benzene
Concen: 51.594 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion: 78 Resp: 652979
Ion Ratio Lower Upper
78 100
77 24.9 20.7 31.1

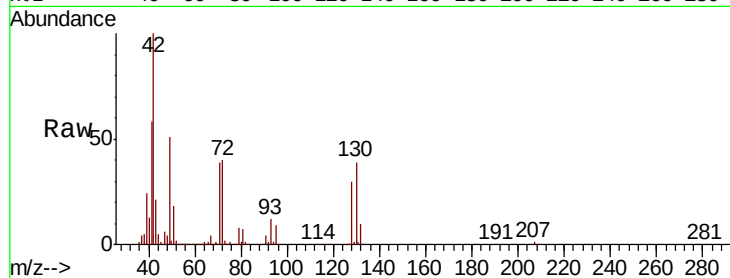




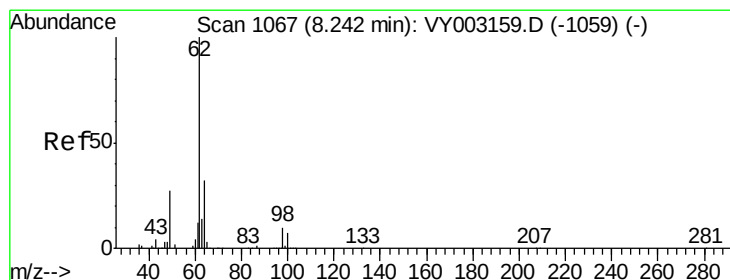
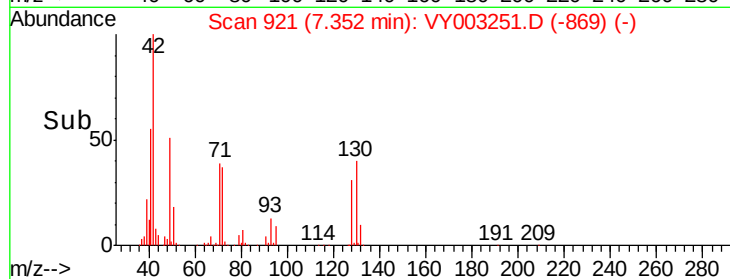
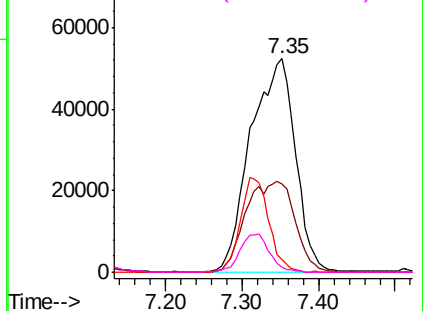
#41
Methacrylonitrile
Concen: 142.361 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	212233
Ion	Ratio	Lower	Upper
41	100		
39	46.9	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

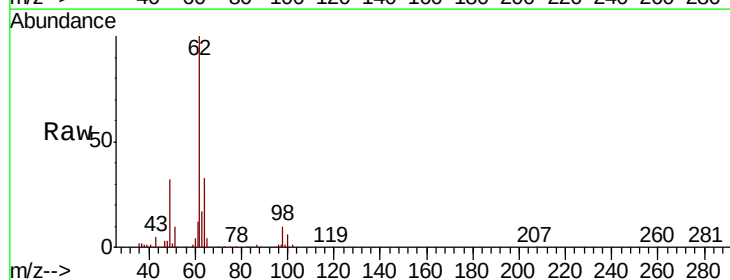


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

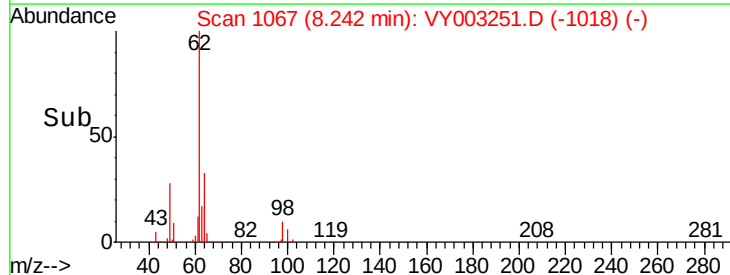
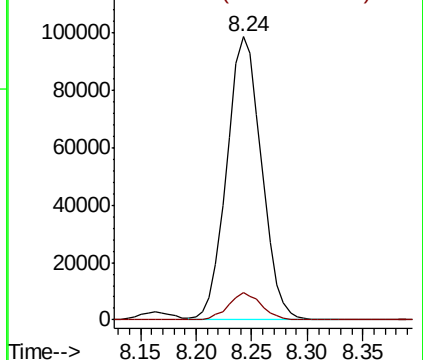


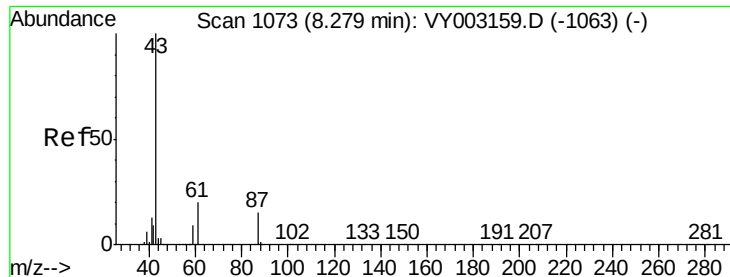
#42
1,2-Dichloroethane
Concen: 54.809 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion:	62	Resp:	213553
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 60.462 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

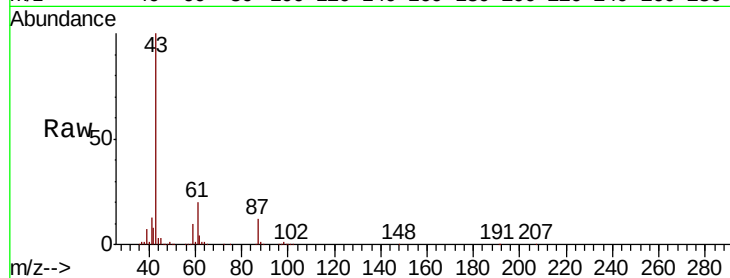
Tot Ion: 43 Resp: 289693

Ion Ratio Lower Upper

43 100

61 27.9 23.7 35.5

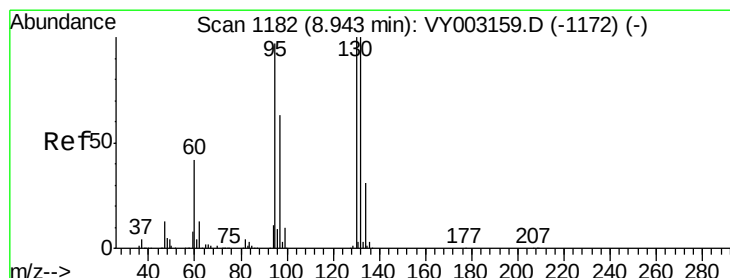
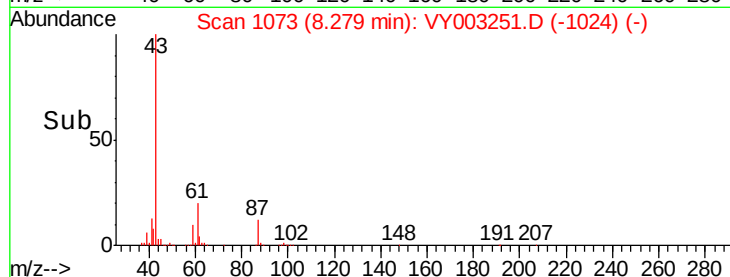
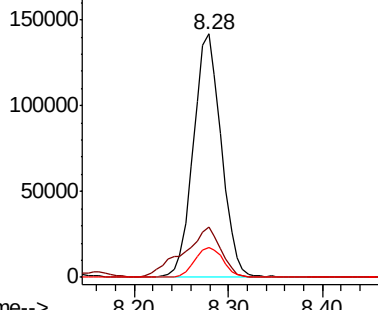
87 12.7 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY003251.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY003251.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY003251.D (-1063) (-)



#44

Trichloroethene

Concen: 46.933 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003251.D

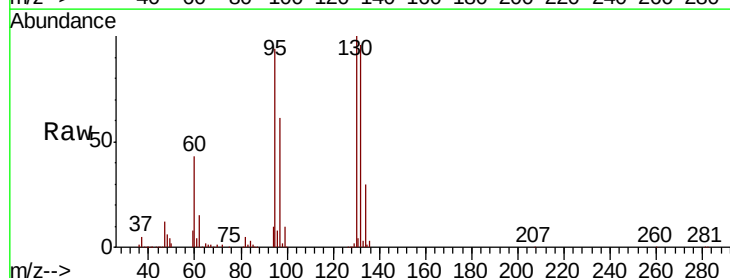
Acq: 20 Jul 2020 22:43

Tgt Ion: 130 Resp: 182089

Ion Ratio Lower Upper

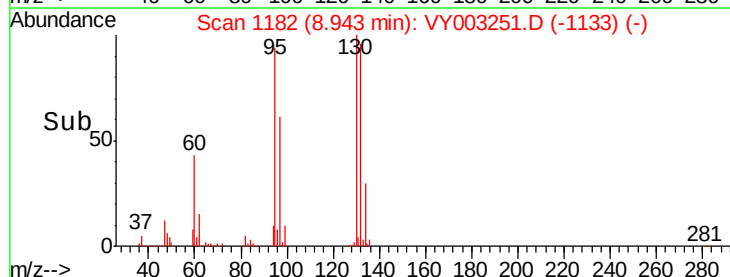
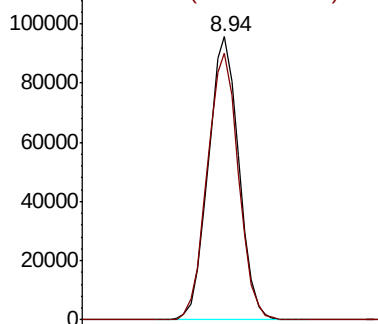
130 100

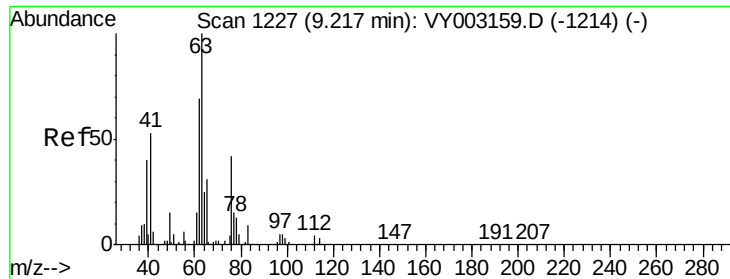
95 94.3 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VY003251.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY003251.D (-1172) (-)

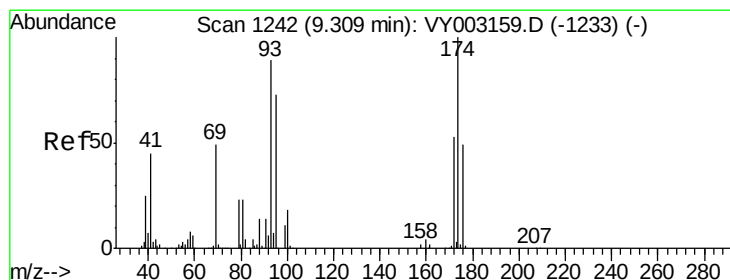
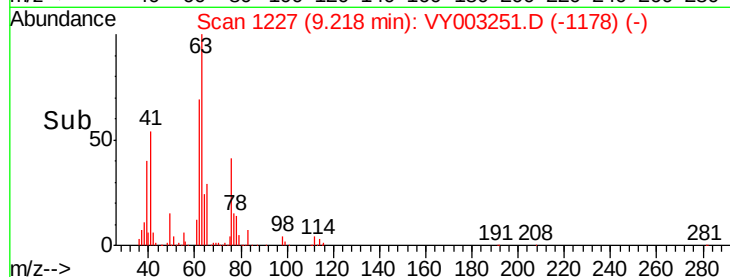
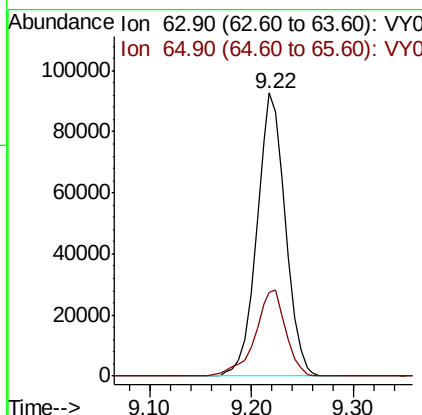
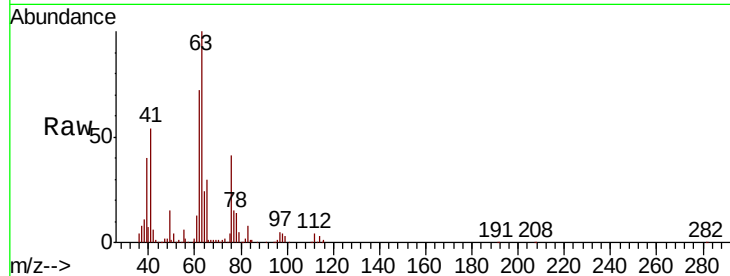




#45
 1,2-Dichloropropane
 Concen: 54.853 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

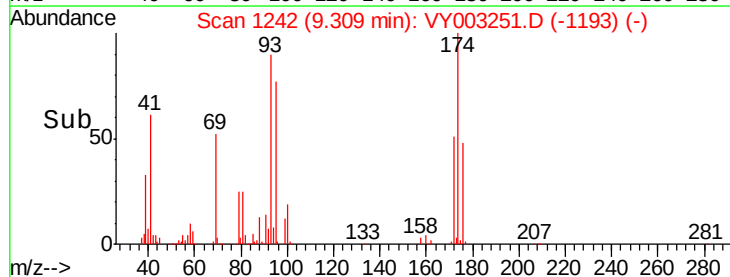
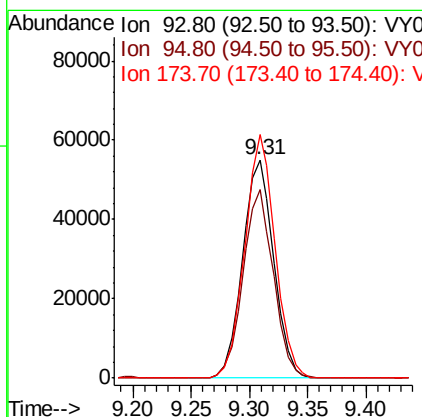
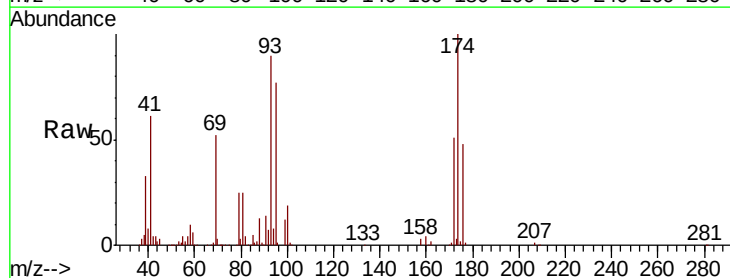
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

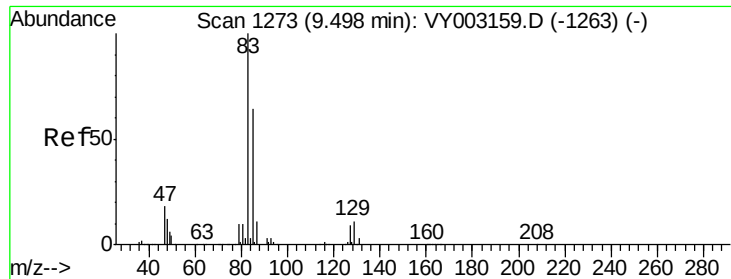
Tot Ion: 63 Resp: 179635
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.4



#46
 Dibromomethane
 Concen: 53.585 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion: 93 Resp: 102492
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.6 99.8
 174 108.5 90.2 135.4





#47

Bromodichloromethane

Concen: 53.945 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

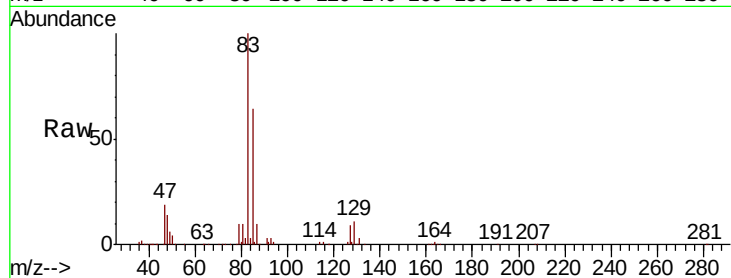
Tot Ion: 83 Resp: 245403

Ion Ratio Lower Upper

83 100

85 63.8 50.9 76.3

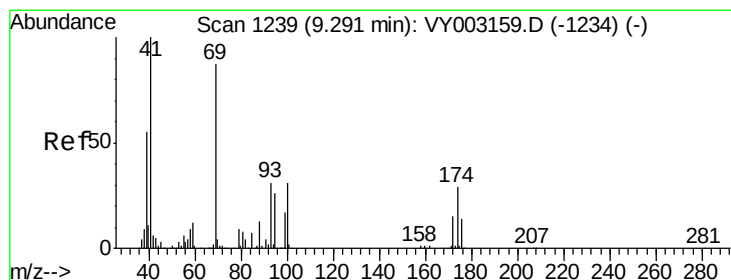
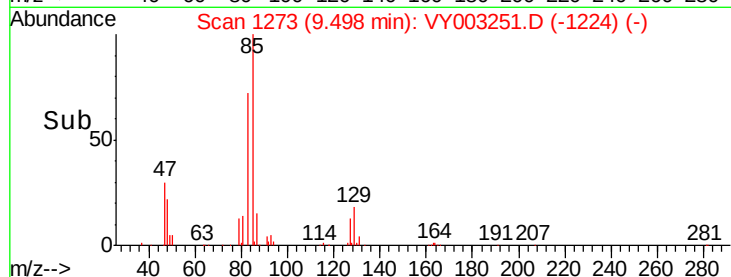
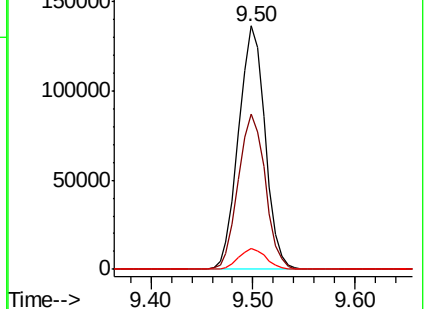
127 8.5 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 61.387 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

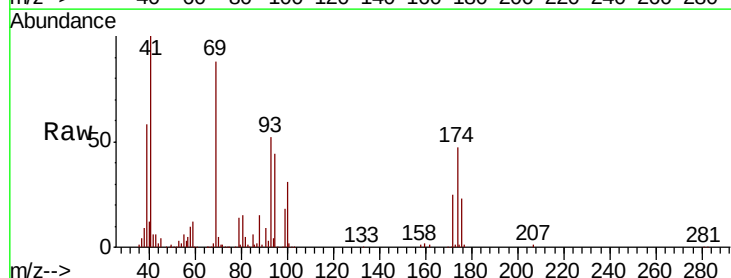
Tgt Ion: 41 Resp: 131490

Ion Ratio Lower Upper

41 100

69 86.7 74.5 111.7

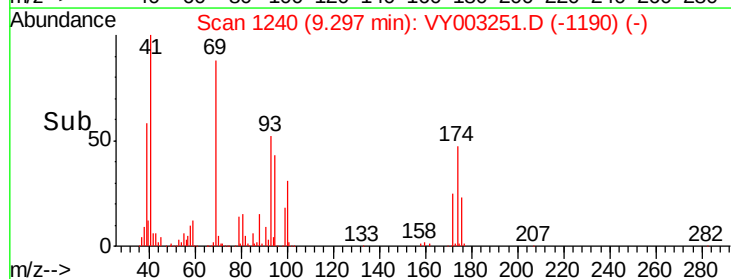
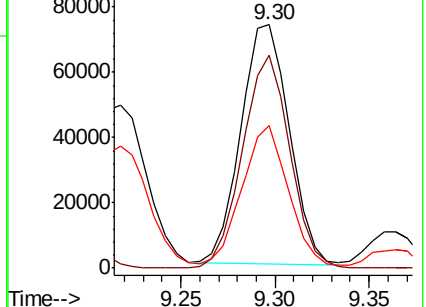
39 57.6 47.5 71.3

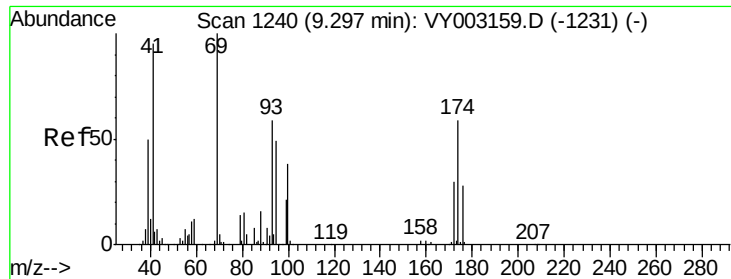


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

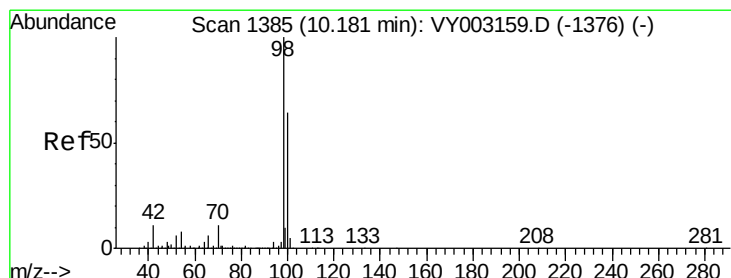
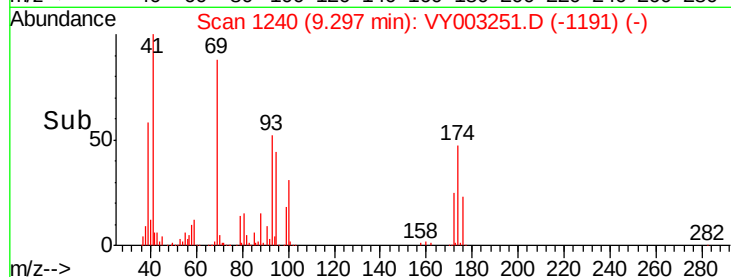
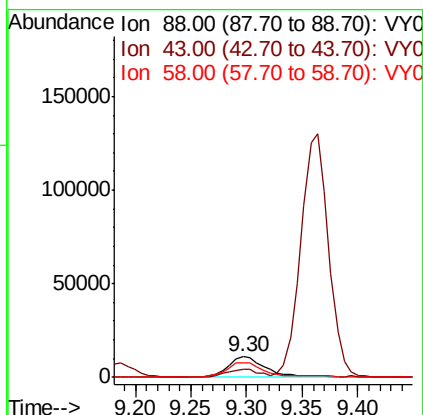
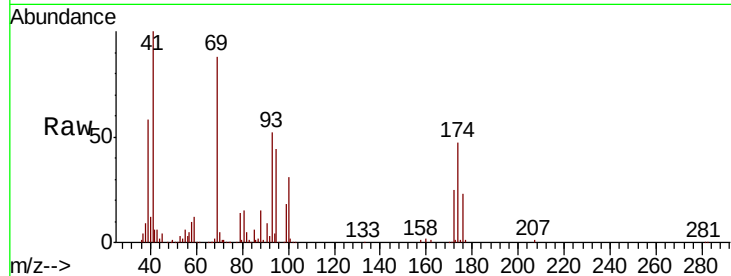




#49
1,4-Dioxane
Concen: 1069.803 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

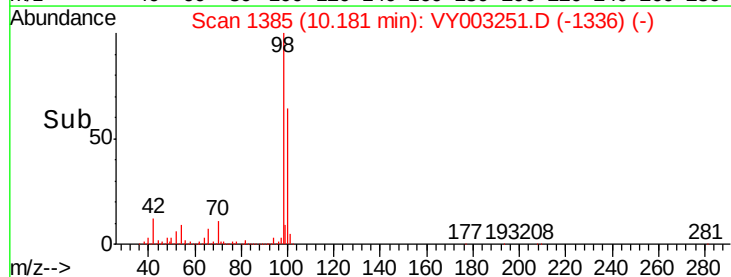
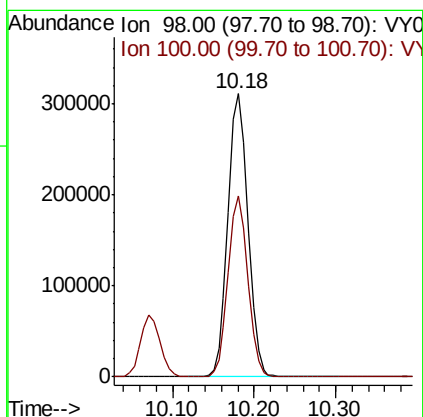
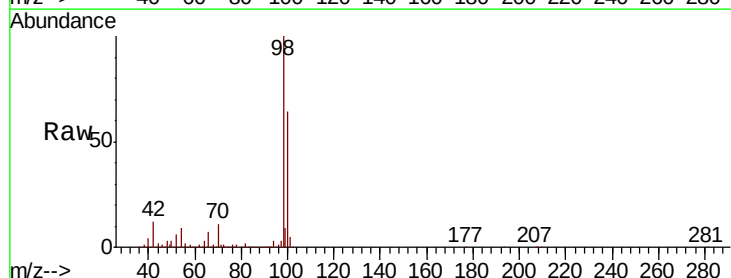
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

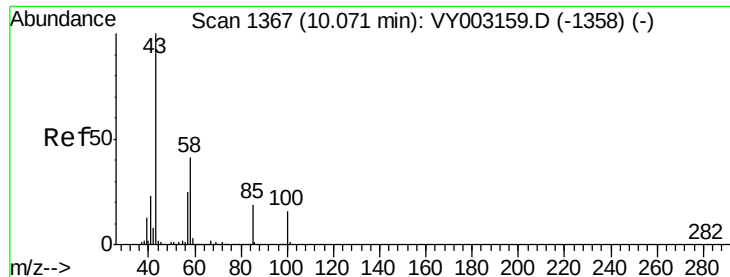
Tot Ion: 88 Resp: 25970
Ion Ratio Lower Upper
88 100
43 34.7 25.6 38.4
58 69.5 47.8 71.6



#50
Toluene-d8
Concen: 48.452 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion: 98 Resp: 525724
Ion Ratio Lower Upper
98 100
100 63.1 50.7 76.1

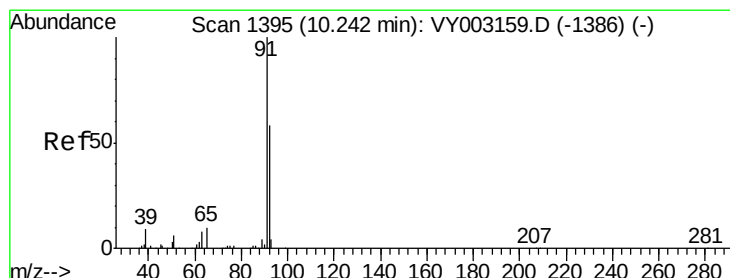
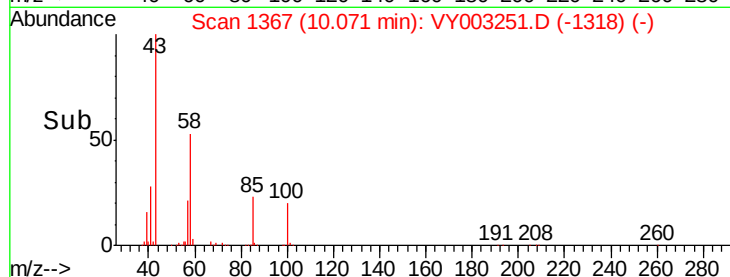
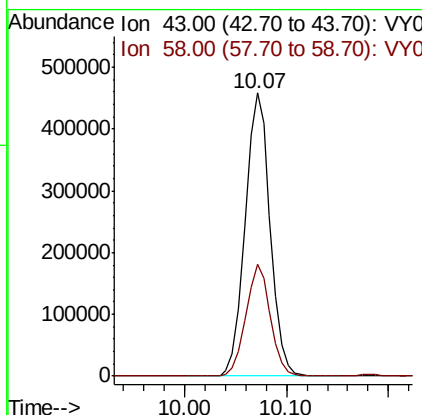
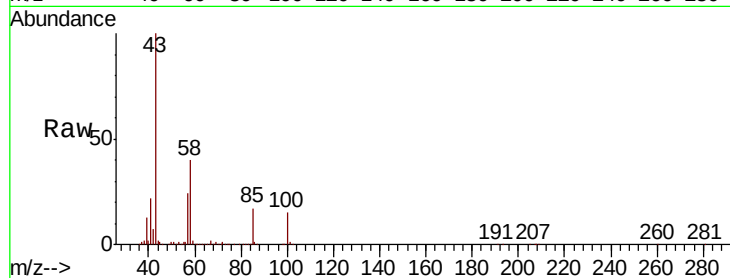




#51
4-Methyl-2-Pentanone
Concen: 311.997 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

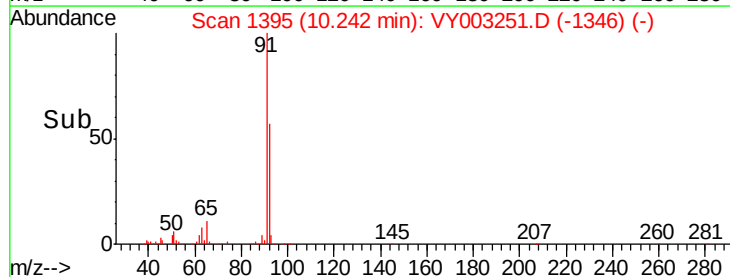
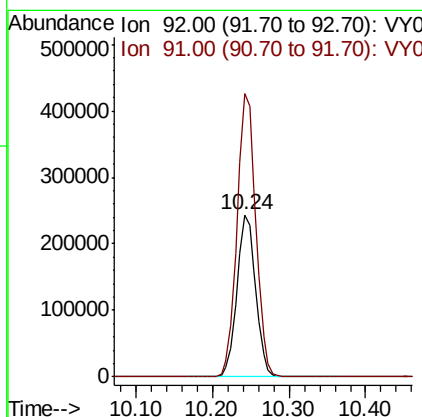
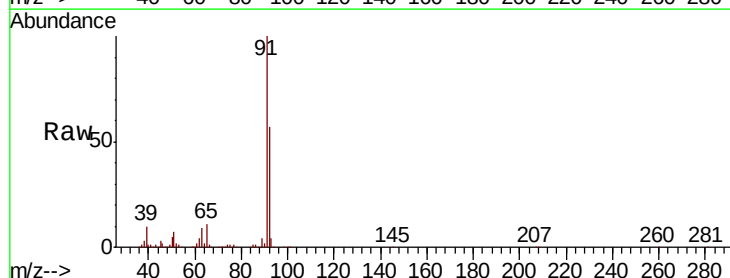
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

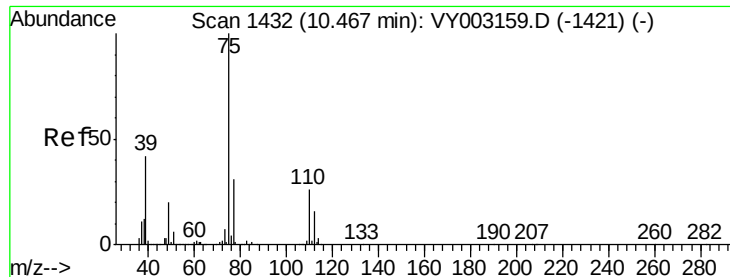
Tot Ion: 43 Resp: 776987
Ion Ratio Lower Upper
43 100
58 38.8 32.7 49.1



#52
Toluene
Concen: 50.727 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion: 92 Resp: 410346
Ion Ratio Lower Upper
92 100
91 176.0 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 54.245 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

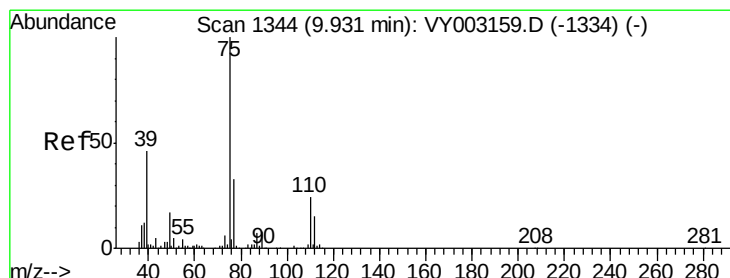
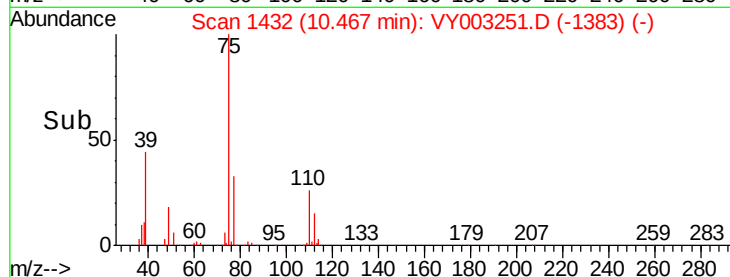
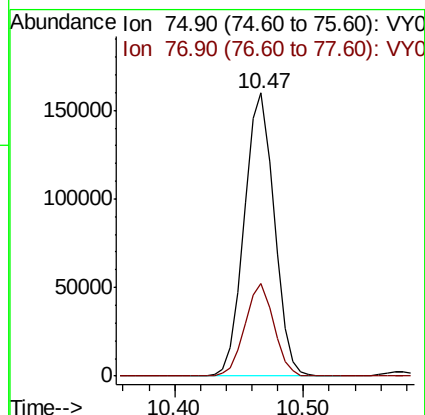
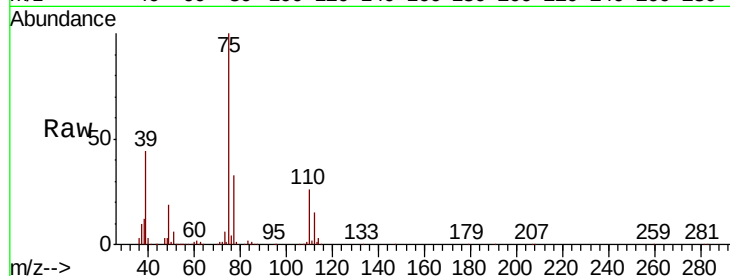
VSTDCCC050EC

Tot Ion: 75 Resp: 255668

Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 53.504 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

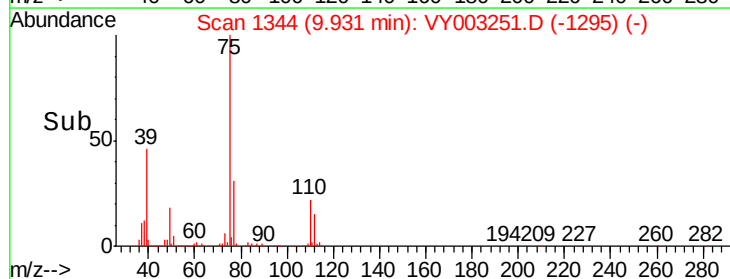
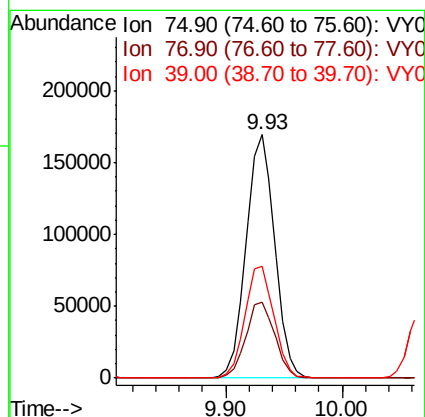
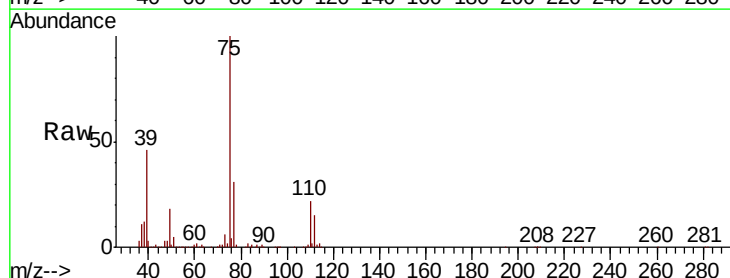
Tgt Ion: 75 Resp: 290558

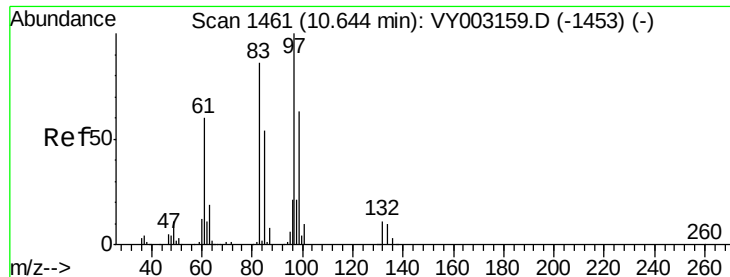
Ion Ratio Lower Upper

75 100

77 31.0 26.7 40.1

39 45.8 37.0 55.6

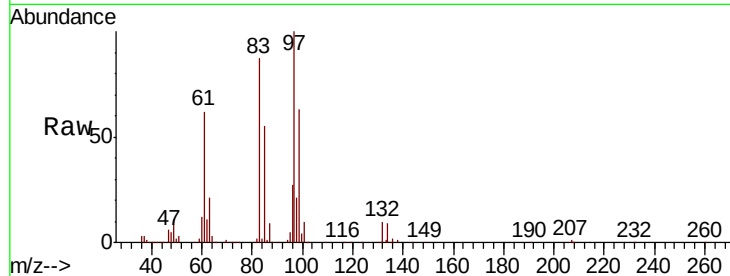




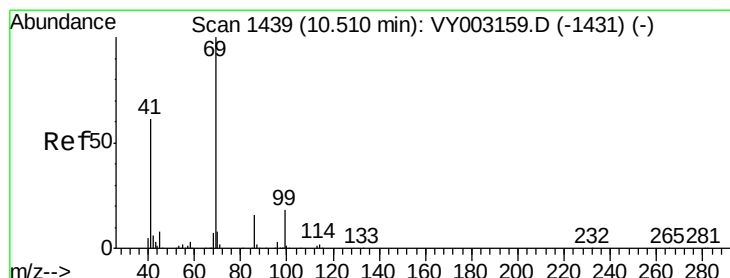
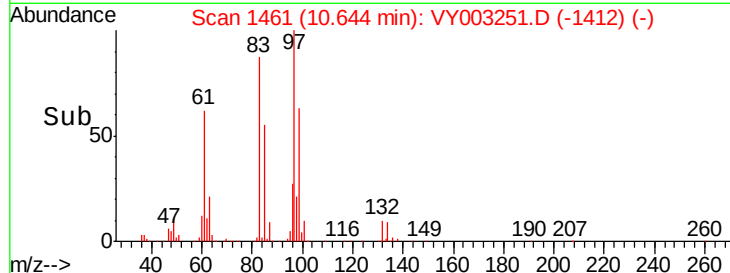
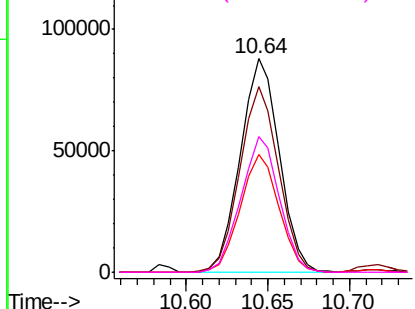
#55
 1,1,2-Trichloroethane
 Concen: 54.214 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 146940
 Ion Ratio Lower Upper
 97 100
 83 86.8 68.8 103.2
 85 54.9 43.1 64.7
 99 63.3 50.8 76.2

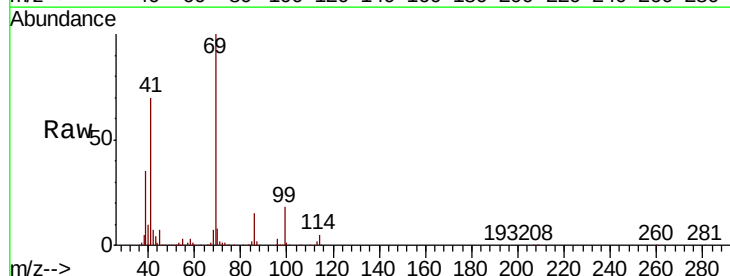


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

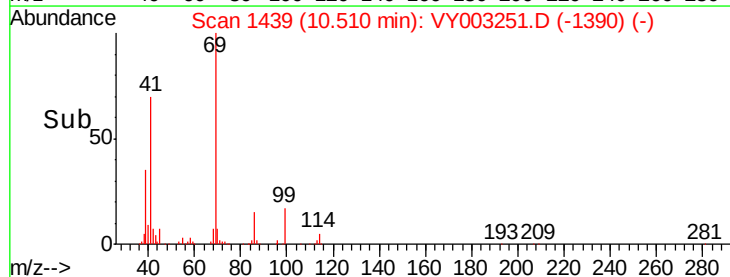
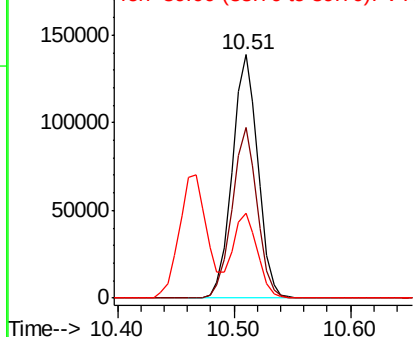


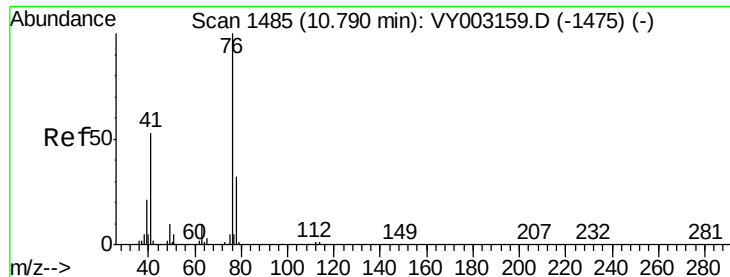
#56
 Ethyl methacrylate
 Concen: 57.637 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion: 69 Resp: 212386
 Ion Ratio Lower Upper
 69 100
 41 68.5 50.0 75.0
 39 32.8 27.6 41.4



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





#57

1,3-Dichloropropane

Concen: 55.868 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

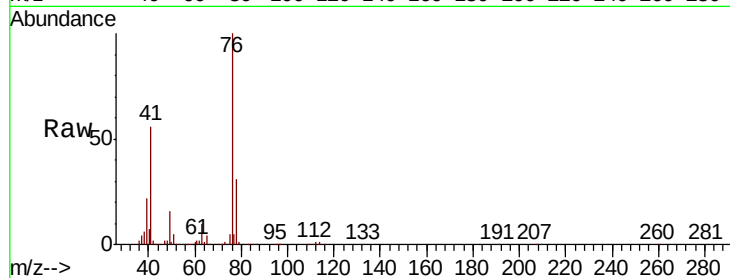
VSTDCCC050EC

Tot Ion: 76 Resp: 256748

Ion Ratio Lower Upper

76 100

78 31.6 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

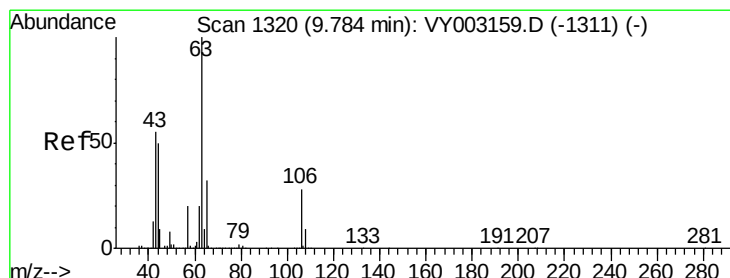
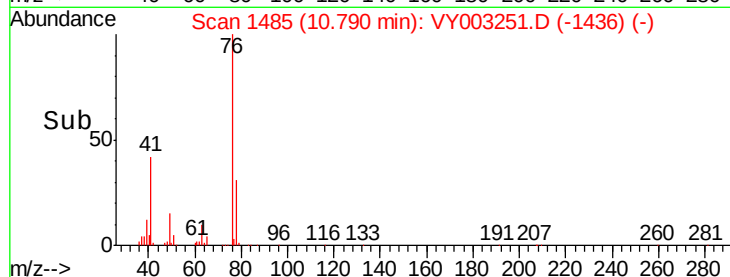
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 282.863 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003251.D

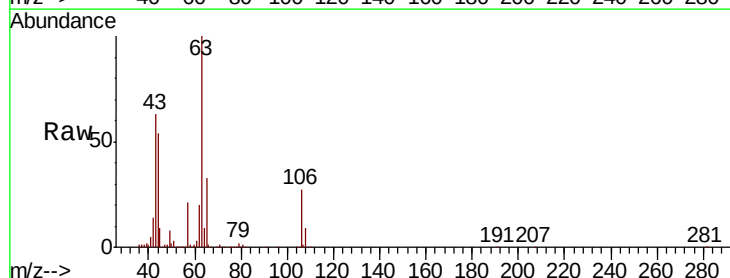
Acq: 20 Jul 2020 22:43

Tgt Ion: 63 Resp: 531580

Ion Ratio Lower Upper

63 100

106 26.5 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

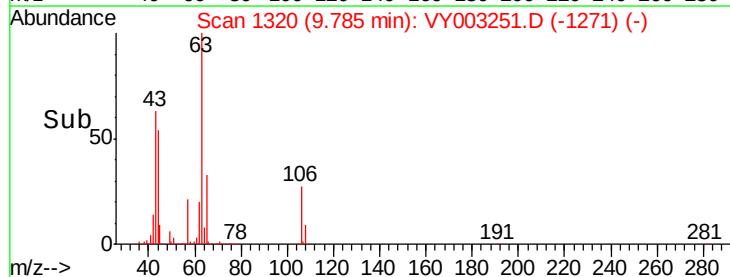
300000

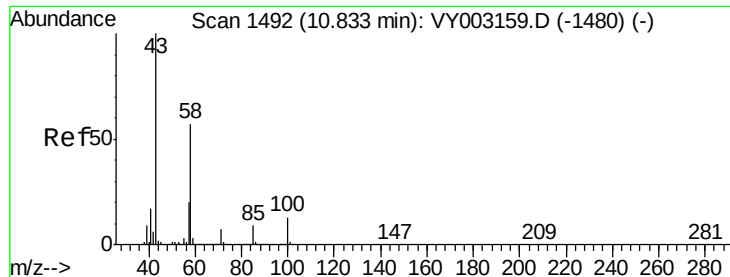
200000

100000

0

Time-->

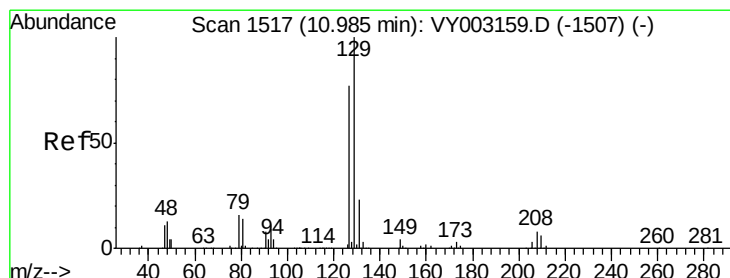
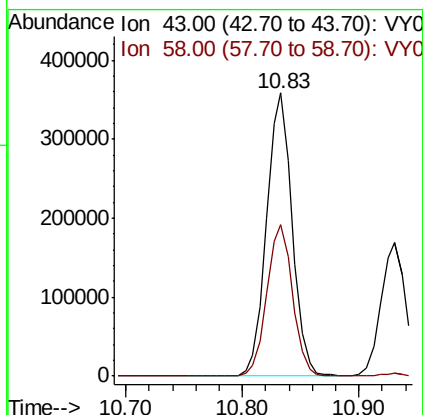
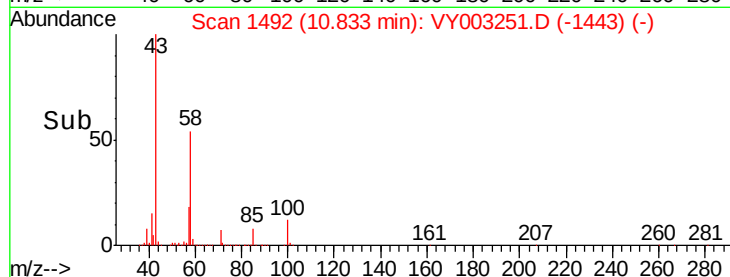
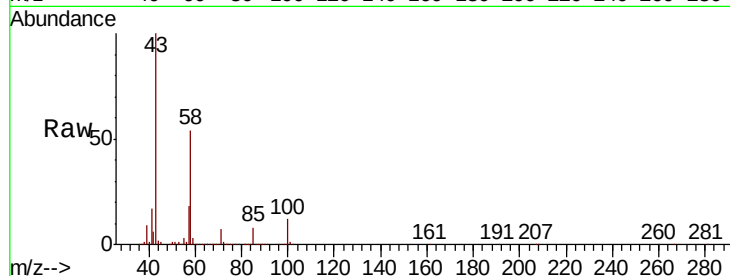




#59
2-Hexanone
Concen: 314.303 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

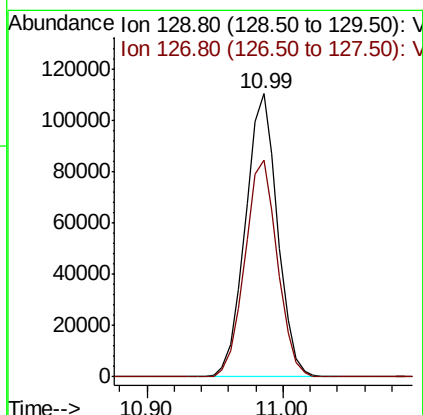
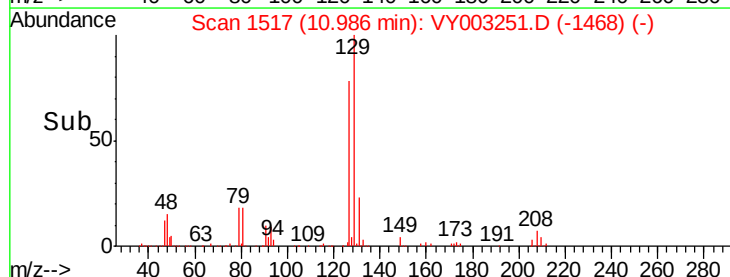
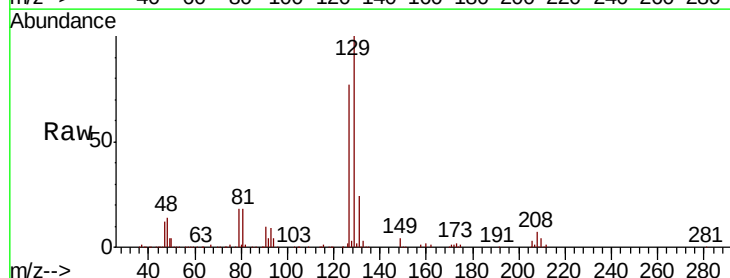
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

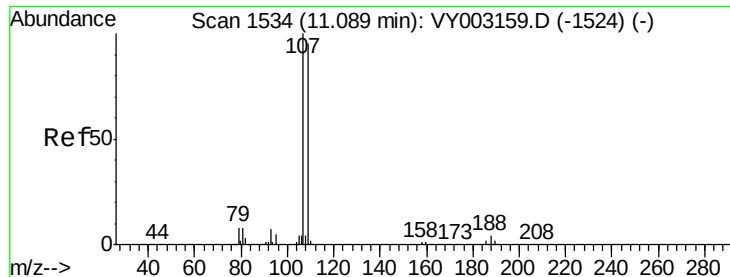
Tot Ion: 43 Resp: 546403
Ion Ratio Lower Upper
43 100
58 54.0 28.3 85.0



#60
Dibromochloromethane
Concen: 53.519 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion: 129 Resp: 182446
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

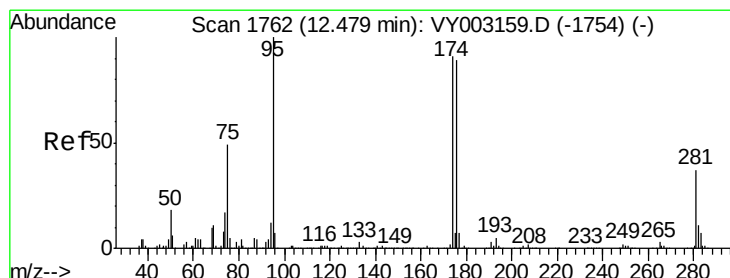
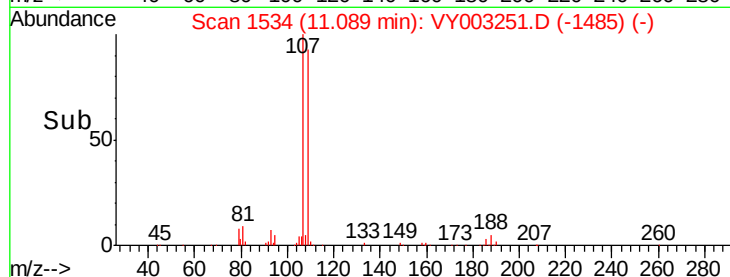
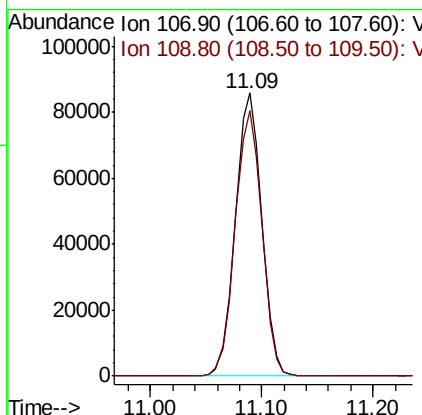
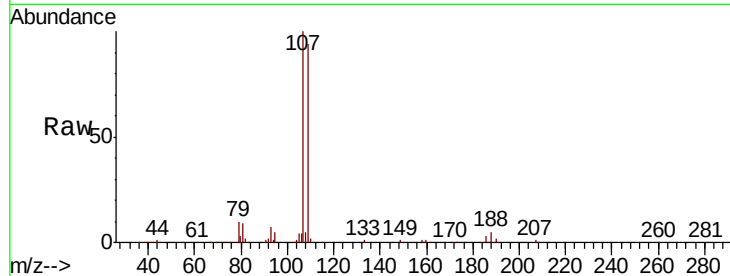




#61
 1,2-Dibromoethane
 Concen: 52.571 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

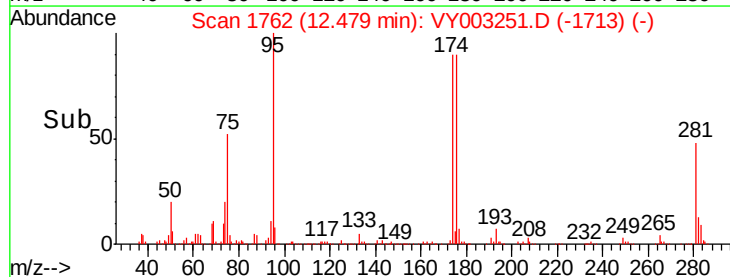
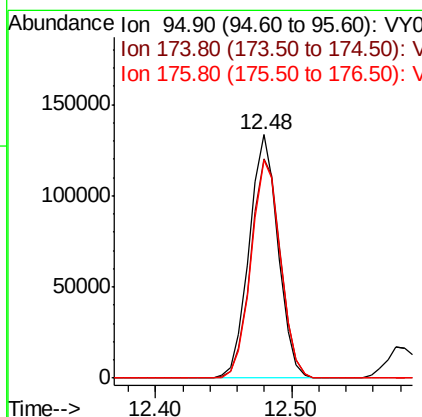
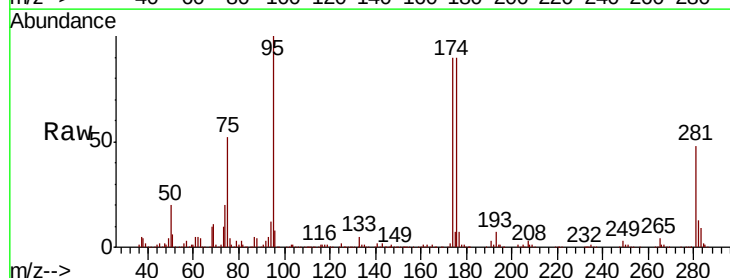
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

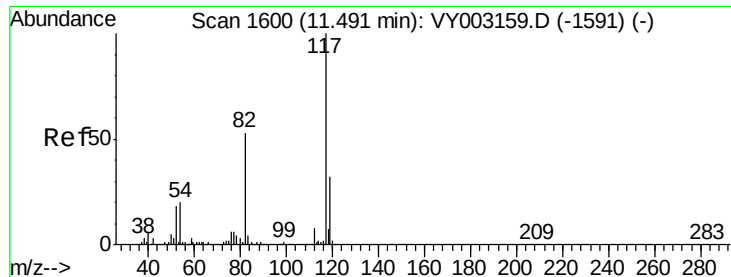
Tot Ion: 107 Resp: 140630
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.815 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion: 95 Resp: 199188
 Ion Ratio Lower Upper
 95 100
 174 92.6 0.0 190.6
 176 91.1 0.0 186.4

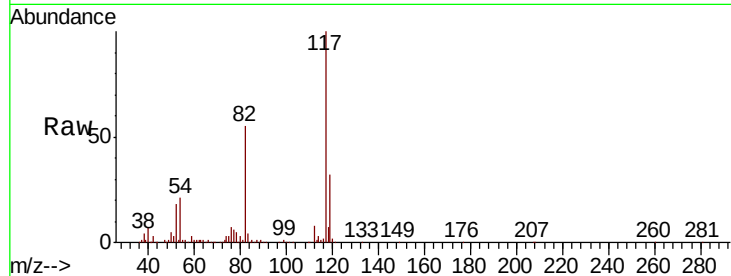




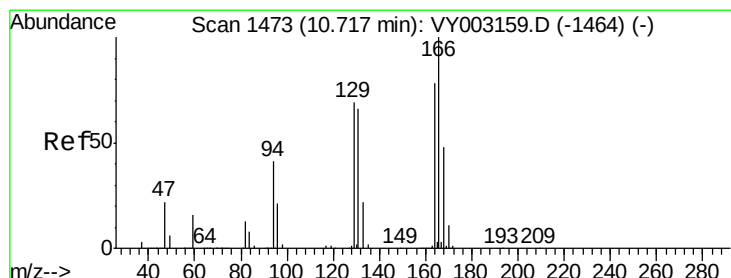
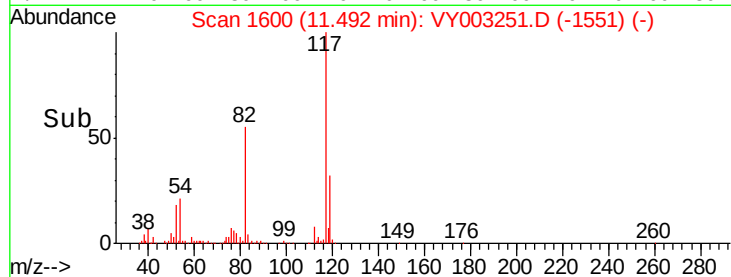
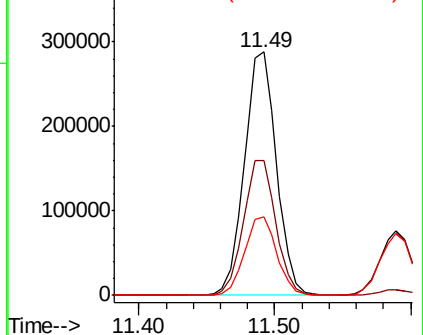
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 474268
Ion Ratio Lower Upper
117 100
82 55.2 42.0 63.0
119 32.4 25.5 38.3

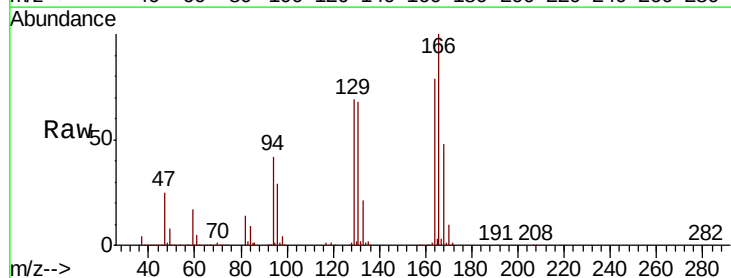


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

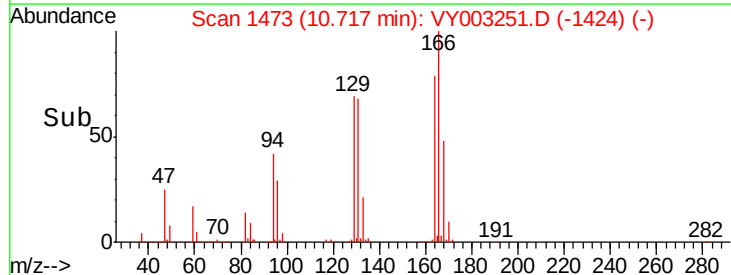
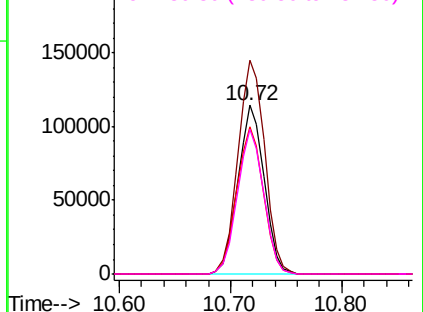


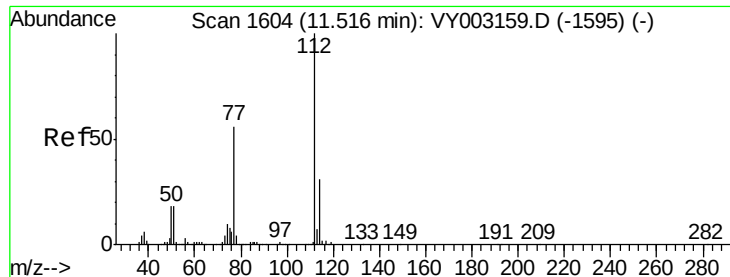
#64
Tetrachloroethene
Concen: 44.313 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion:164 Resp: 187389
Ion Ratio Lower Upper
164 100
166 126.6 102.9 154.3
129 87.1 71.4 107.2
131 86.0 68.1 102.1



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

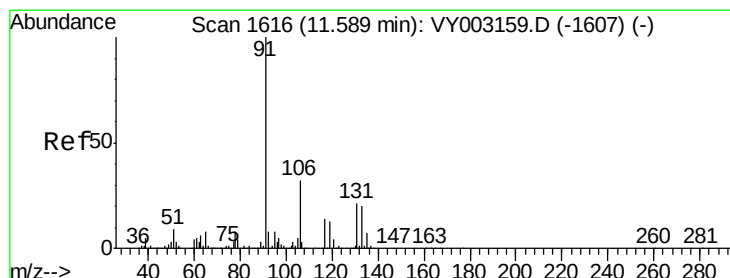
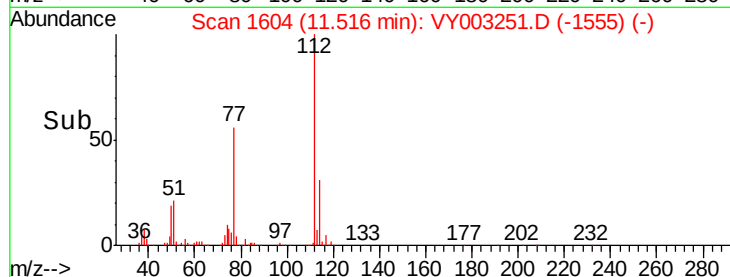
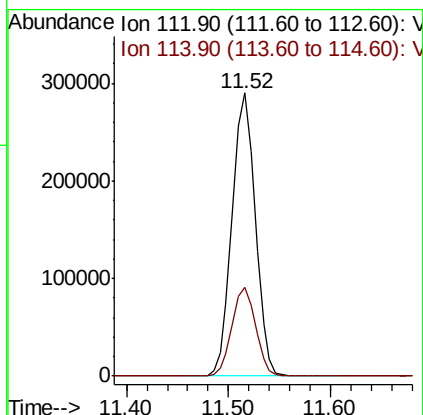
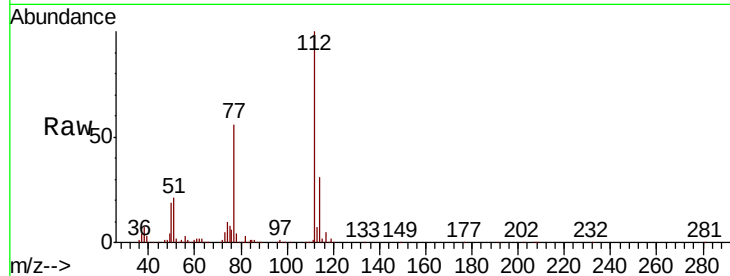




#65
Chlorobenzene
Concen: 49.997 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

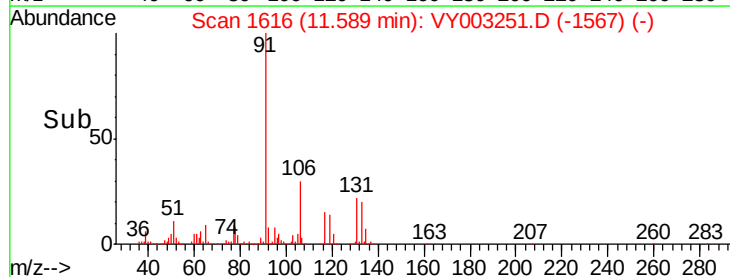
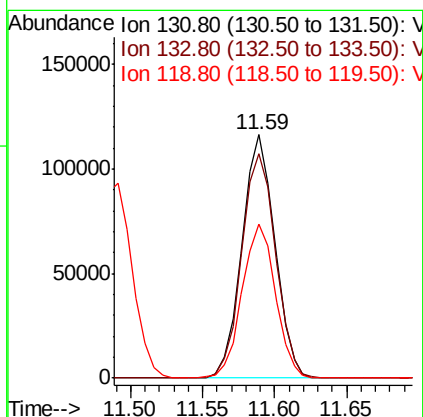
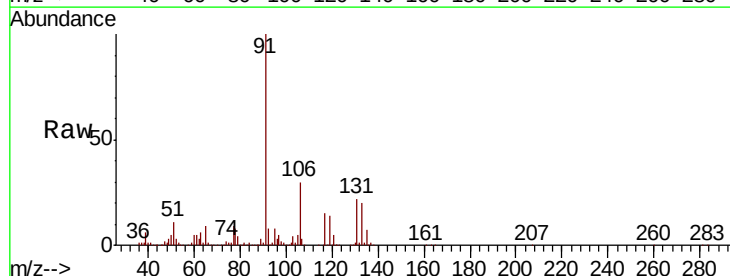
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

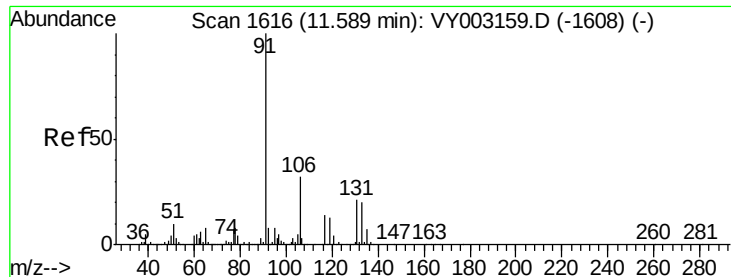
Tot Ion:112 Resp: 456799
Ion Ratio Lower Upper
112 100
114 31.5 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.927 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion:131 Resp: 184266
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 64.1 32.4 97.0

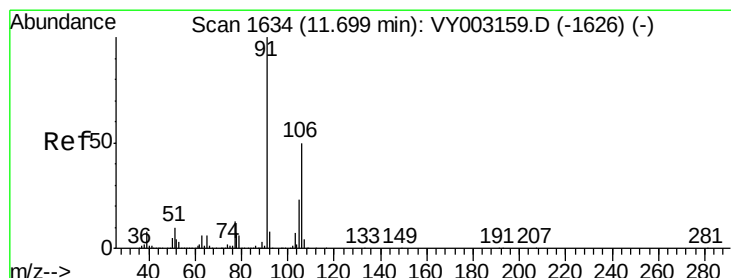
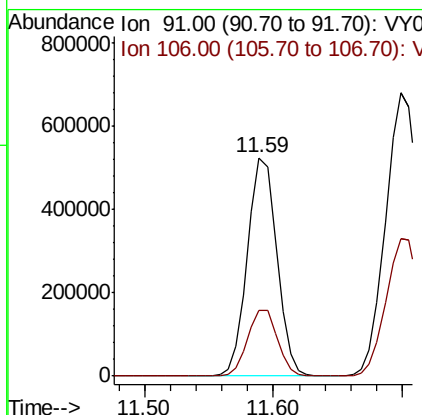
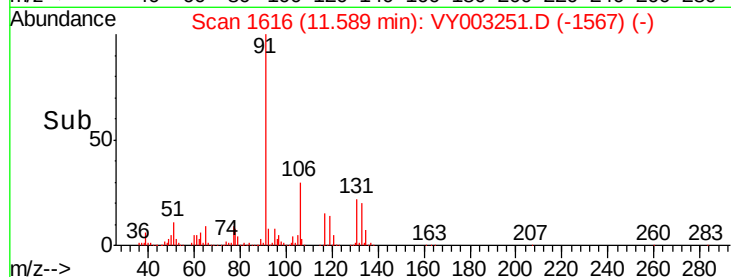
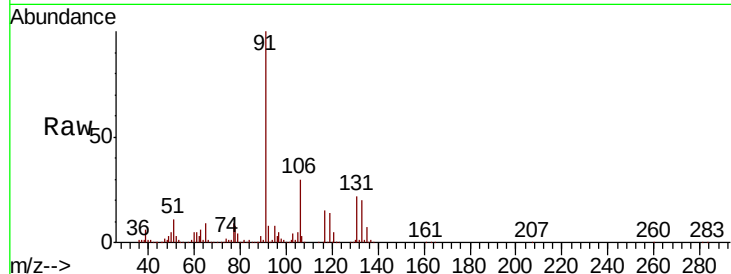




#67
Ethyl Benzene
Concen: 50.693 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

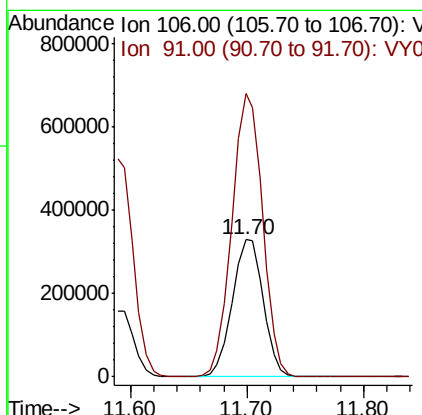
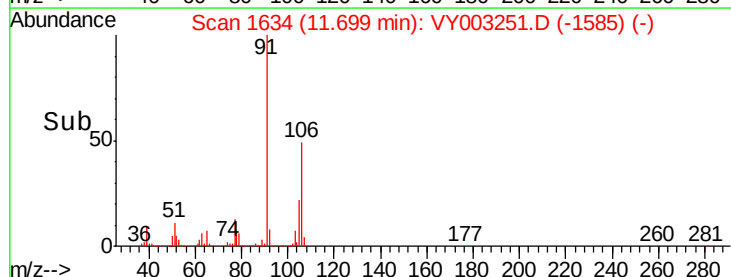
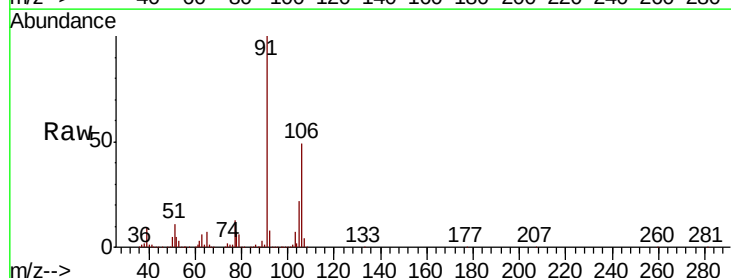
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

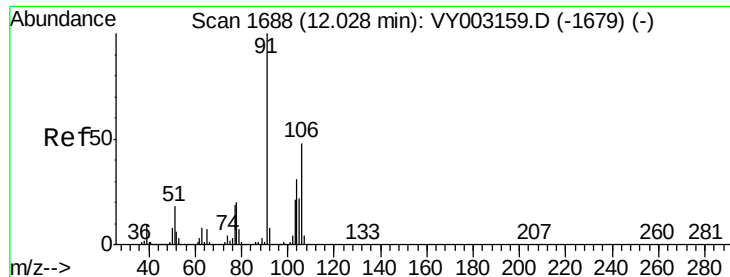
Tot Ion: 91 Resp: 826959
Ion Ratio Lower Upper
91 100
106 30.3 25.5 38.3



#68
m/p-Xylenes
Concen: 98.392 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion: 106 Resp: 609016
Ion Ratio Lower Upper
106 100
91 204.5 159.0 238.6

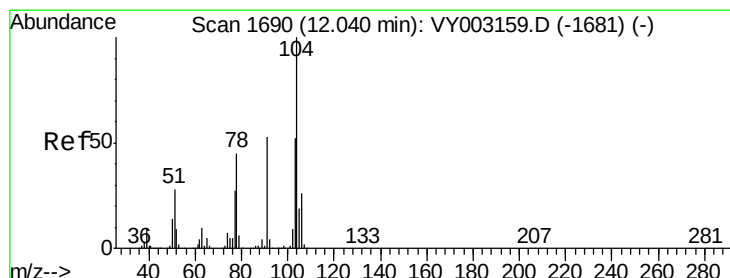
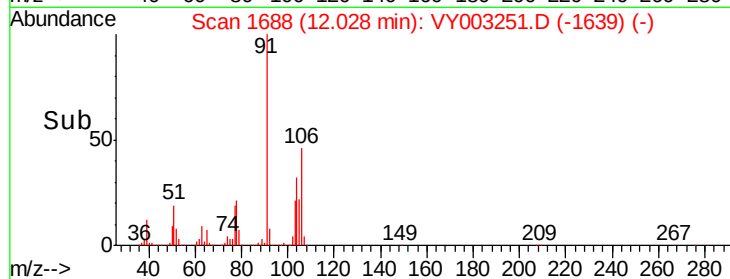
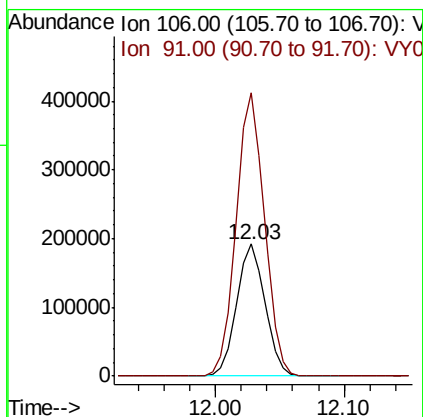
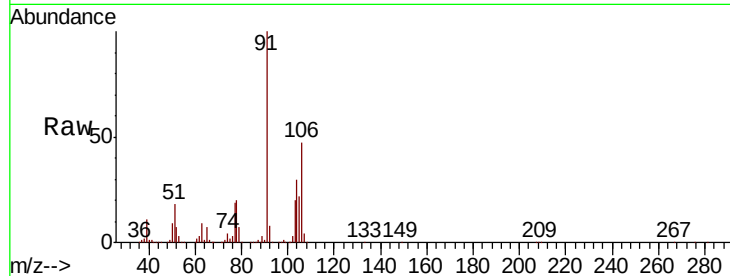




#69
o-Xylene
Concen: 50.691 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

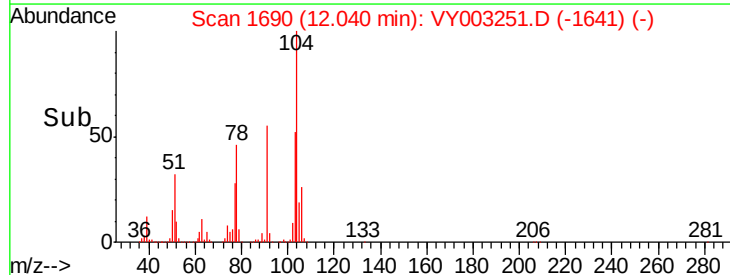
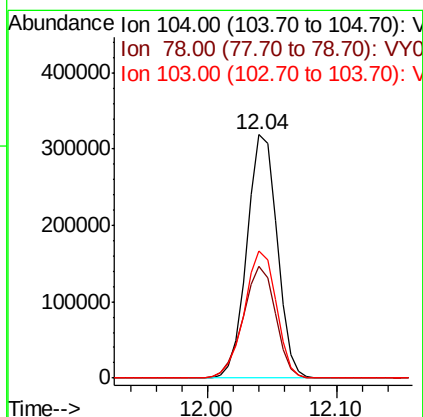
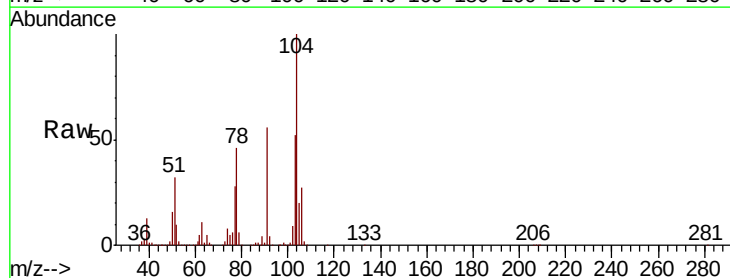
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

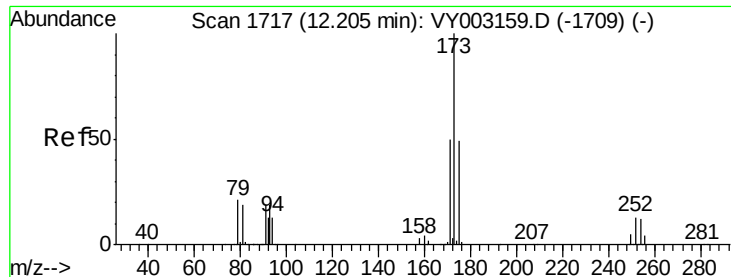
Tot Ion:106 Resp: 293125
Ion Ratio Lower Upper
106 100
91 214.4 105.1 315.1



#70
Styrene
Concen: 51.981 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion:104 Resp: 514198
Ion Ratio Lower Upper
104 100
78 49.7 38.5 57.7
103 55.6 43.9 65.9





#71

Bromoform

Concen: 53.178 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

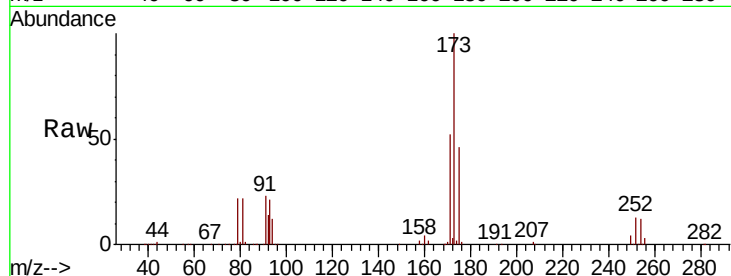
Tot Ion:173 Resp: 123853

Ion Ratio Lower Upper

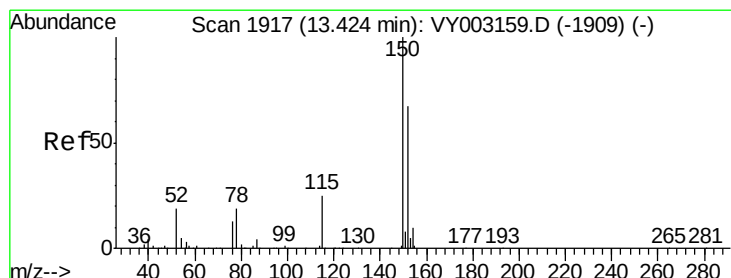
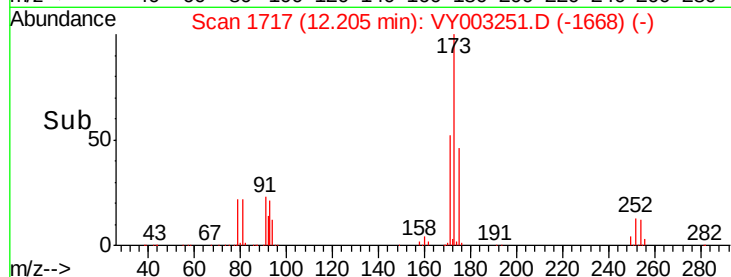
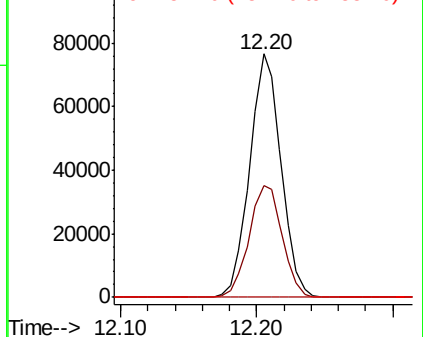
173 100

175 48.5 24.3 73.0

254 0.2 0.2 0.2



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: VY003251.D

Acq: 20 Jul 2020 22:43

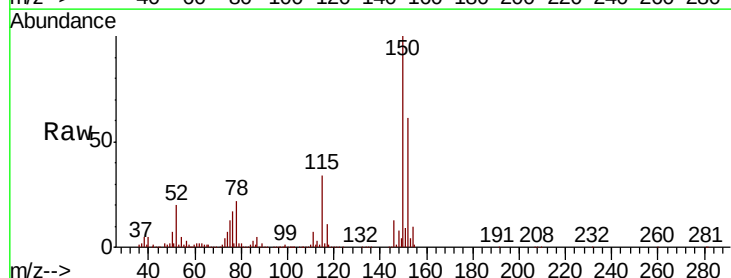
Tgt Ion:152 Resp: 254509

Ion Ratio Lower Upper

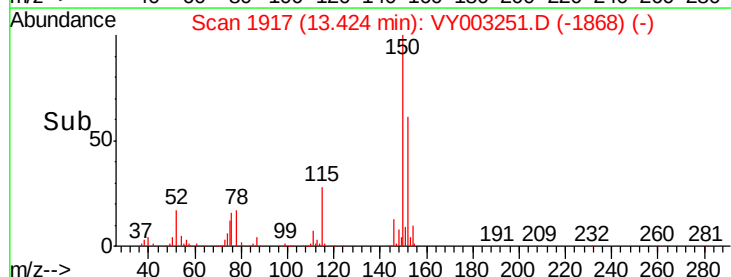
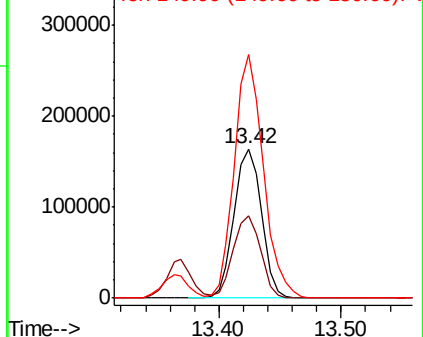
152 100

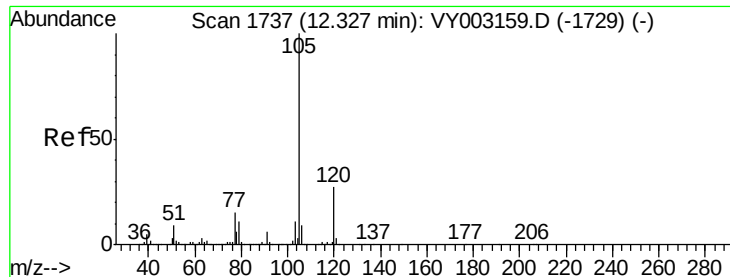
115 55.3 26.9 80.7

150 172.8 0.0 338.0



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





#73

Isopropylbenzene

Concen: 48.879 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

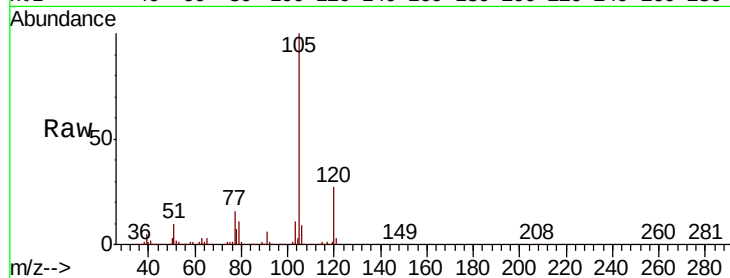
VSTDCCC050EC

Tot Ion:105 Resp: 792770

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

600000

500000

400000

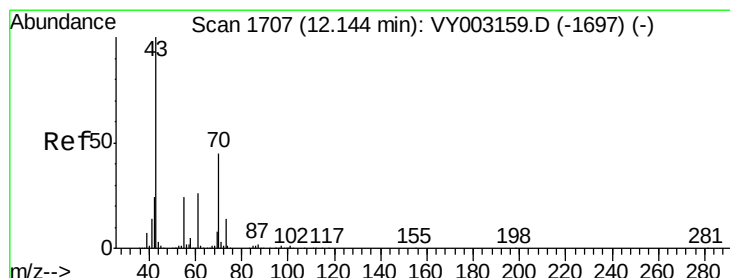
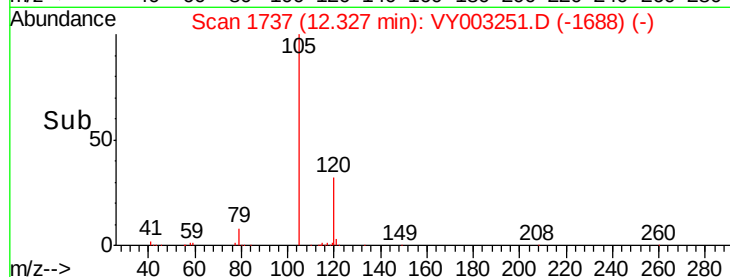
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 59.835 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Tgt Ion: 43 Resp: 272299

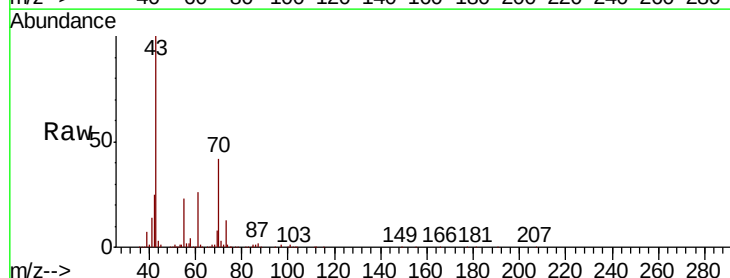
Ion Ratio Lower Upper

43 100

70 41.6 35.6 53.4

55 22.9 19.4 29.2

61 24.1 20.8 31.2



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

300000

250000

200000

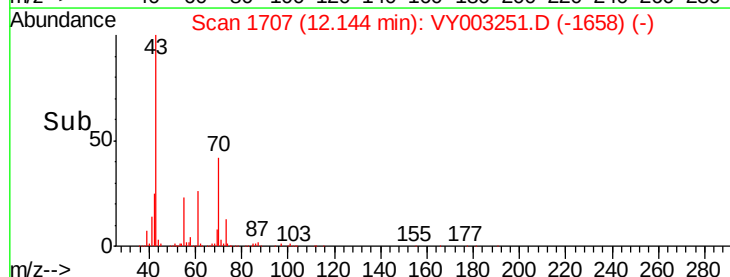
150000

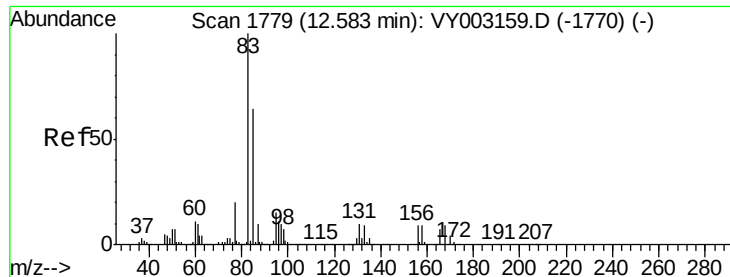
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.566 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

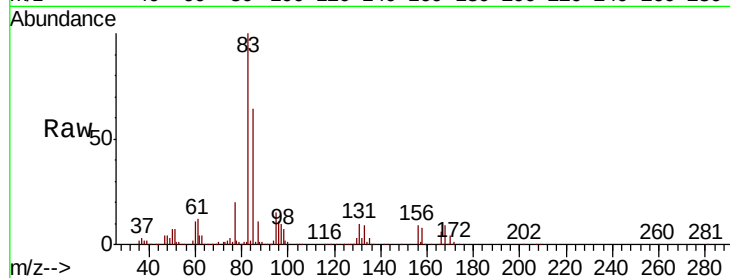
Tot Ion: 83 Resp: 177192

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

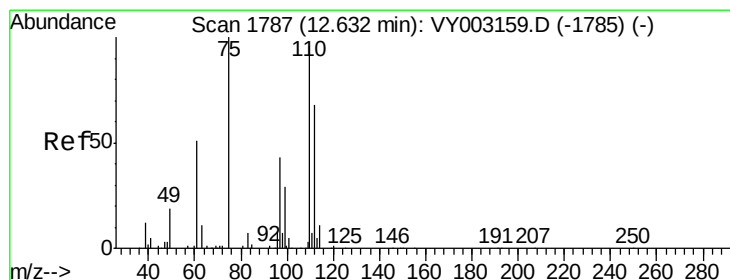
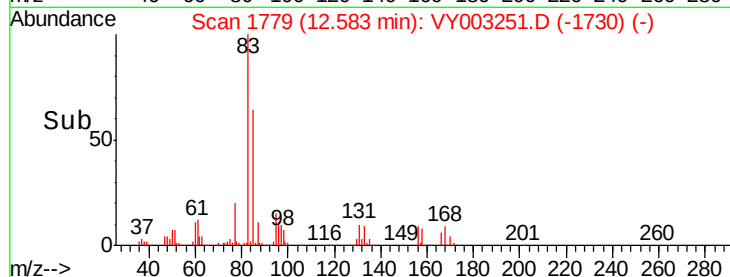
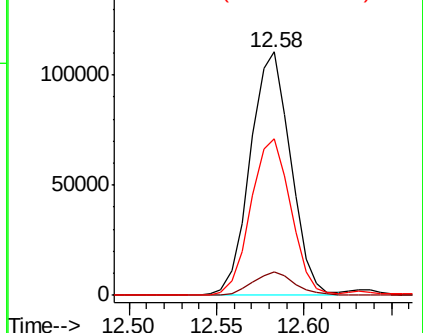
85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY003251.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003251.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003251.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 104.170 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003251.D

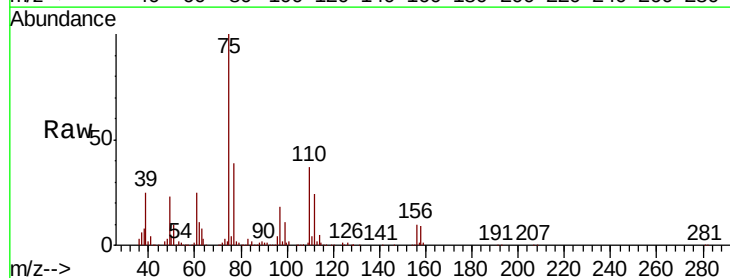
Acq: 20 Jul 2020 22:43

Tgt Ion: 75 Resp: 234678

Ion Ratio Lower Upper

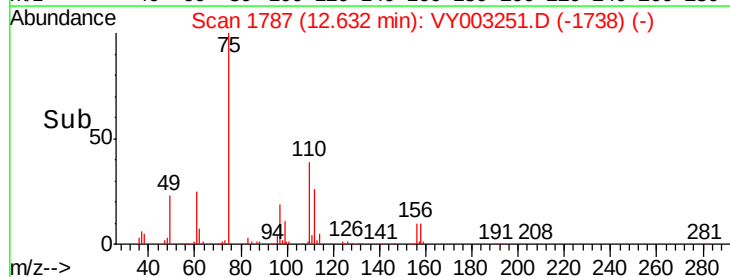
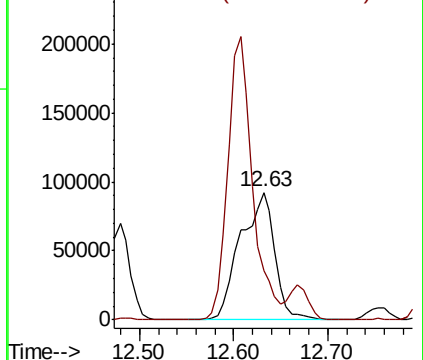
75 100

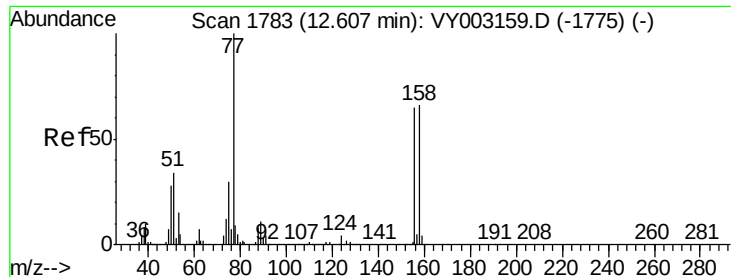
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003251.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003251.D (-1738) (-)





#77

Bromobenzene

Concen: 50.628 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

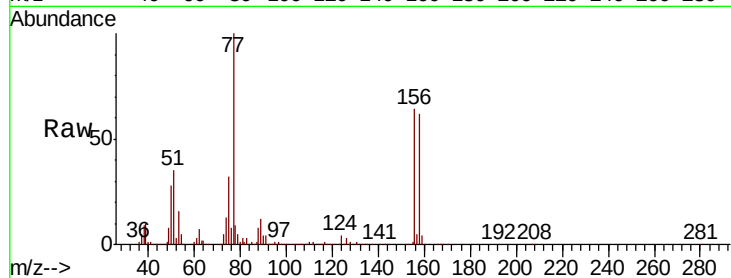
Tot Ion:156 Resp: 209309

Ion Ratio Lower Upper

156 100

77 178.5 86.6 259.7

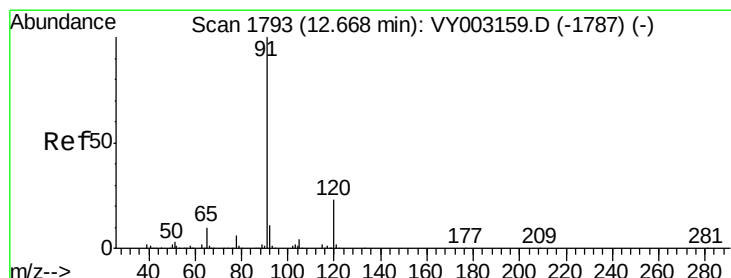
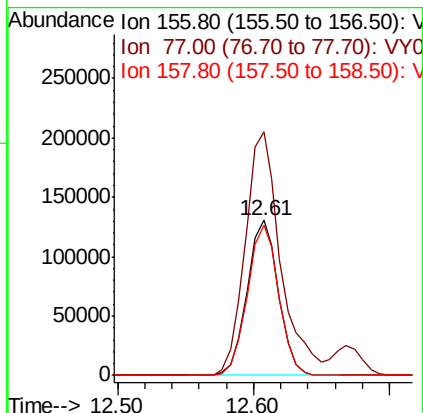
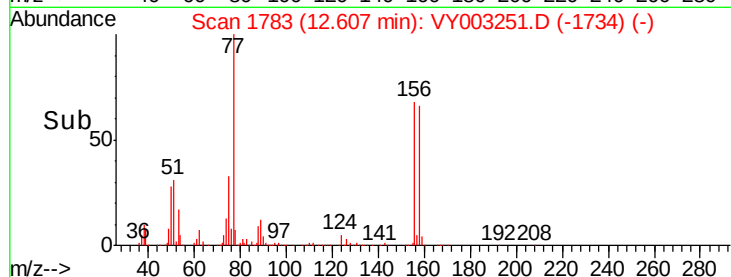
158 96.9 49.4 148.0



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: 49.624 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003251.D

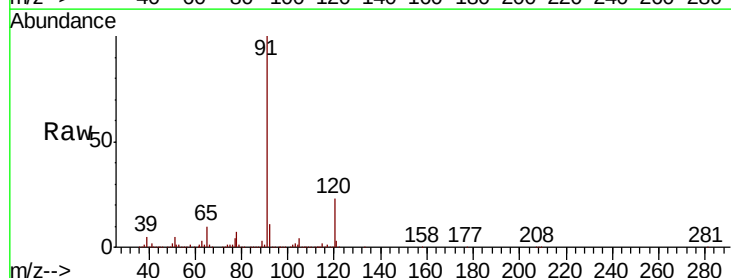
Acq: 20 Jul 2020 22:43

Tgt Ion: 91 Resp: 948725

Ion Ratio Lower Upper

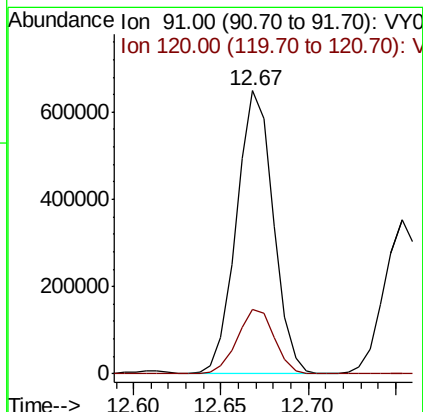
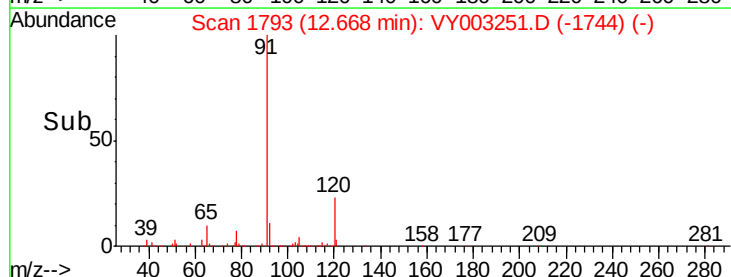
91 100

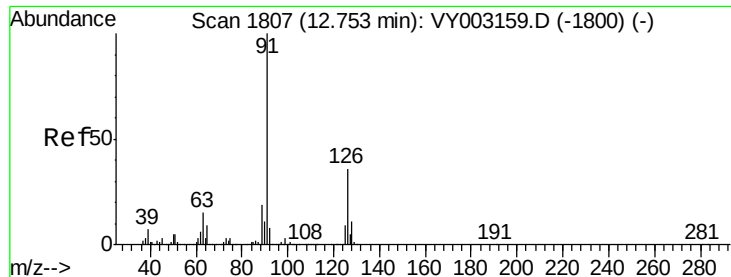
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

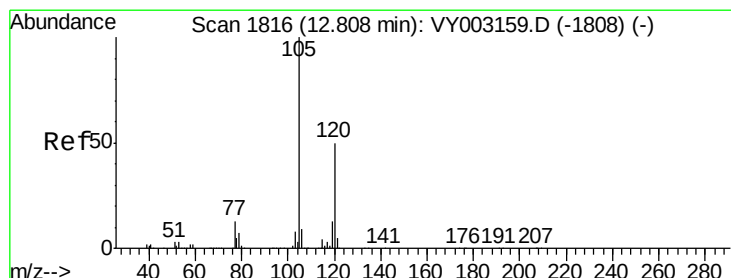
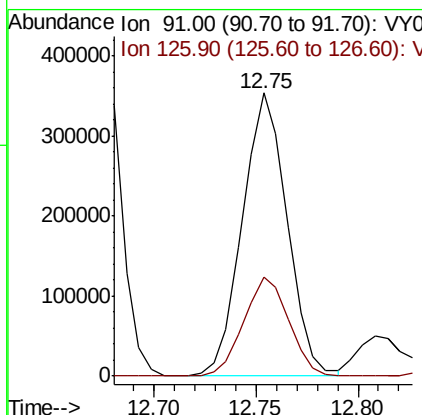
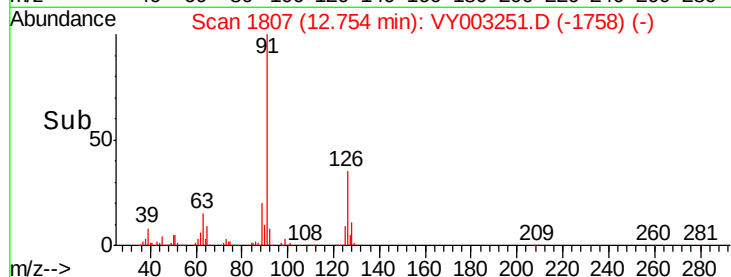
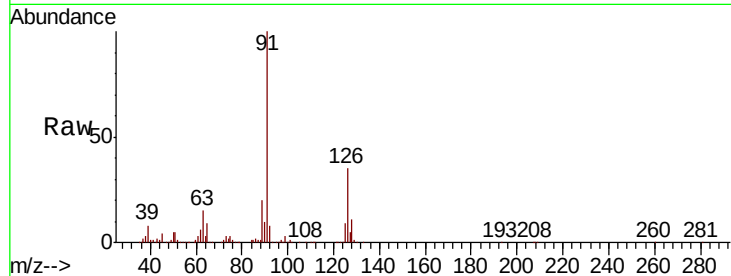




#79
 2-Chlorotoluene
 Concen: 50.561 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

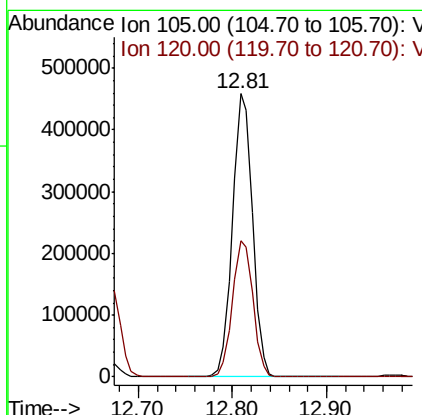
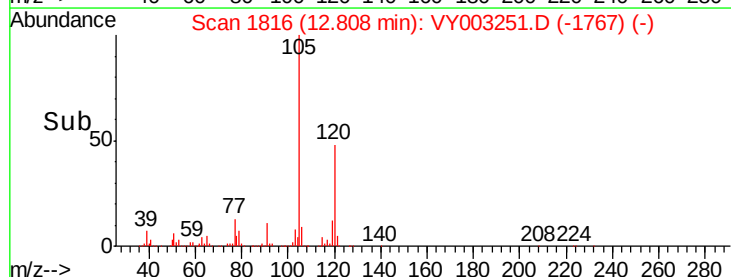
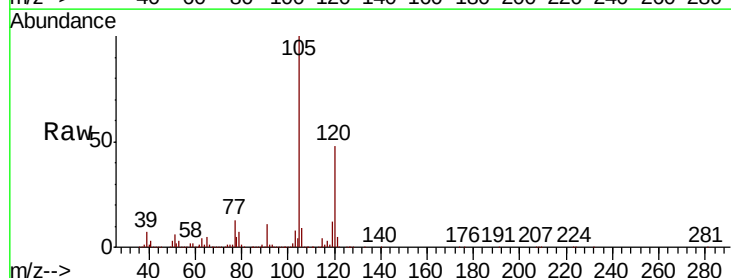
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

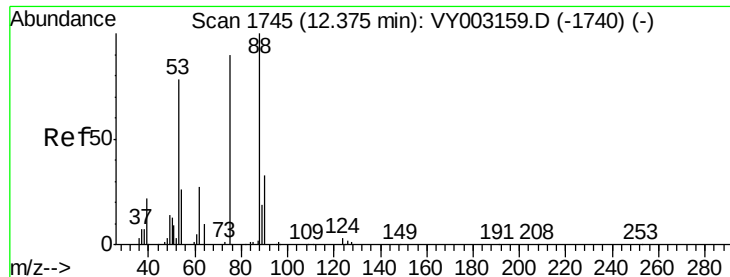
Tot Ion: 91 Resp: 539320
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 49.920 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion: 105 Resp: 674813
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 54.464 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

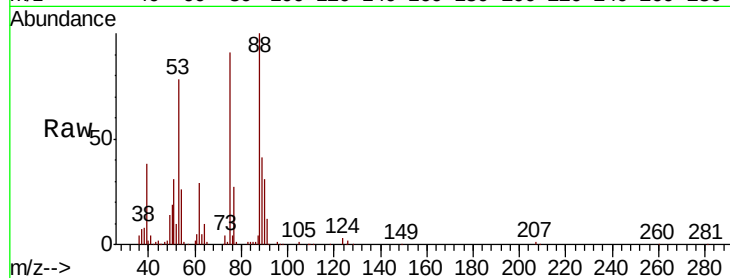
Tot Ion: 75 Resp: 63046

Ion Ratio Lower Upper

75 100

53 86.8 72.0 108.0

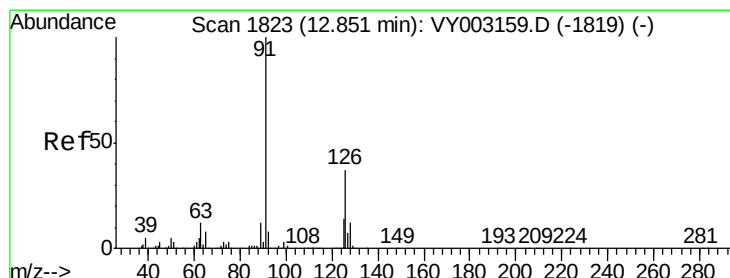
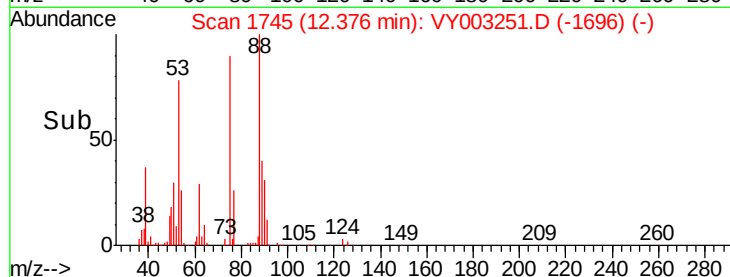
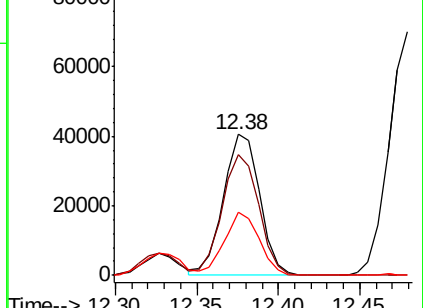
89 42.9 37.3 55.9



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: 50.889 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003251.D

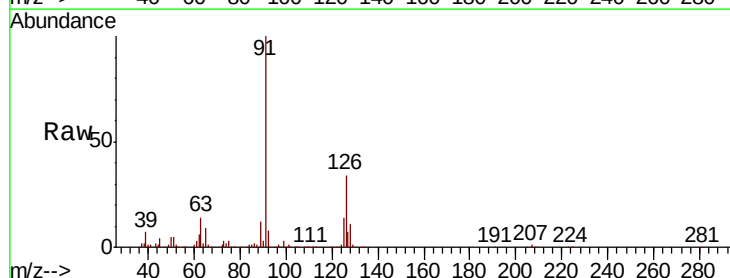
Acq: 20 Jul 2020 22:43

Tgt Ion: 91 Resp: 566576

Ion Ratio Lower Upper

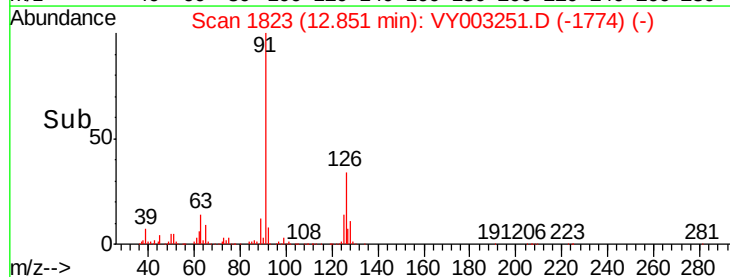
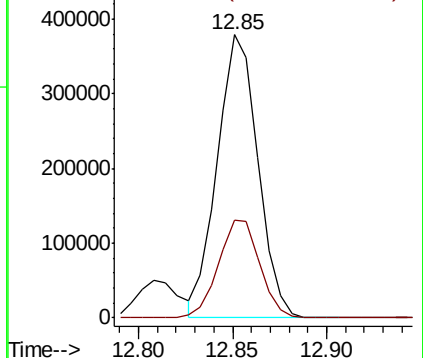
91 100

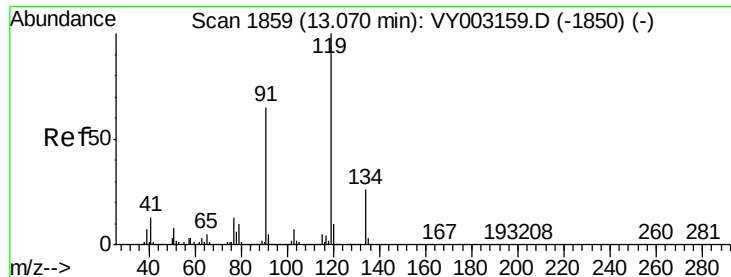
126 35.2 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 48.632 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

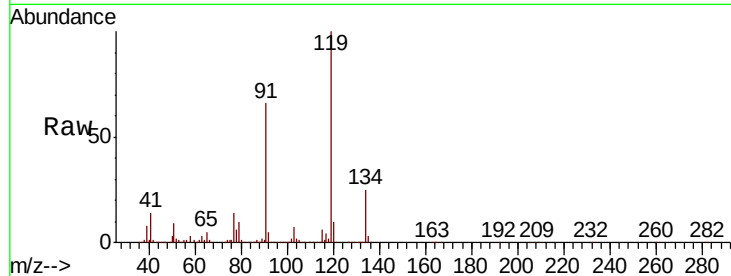
Tot Ion:119 Resp: 580070

Ion Ratio Lower Upper

119 100

91 64.9 30.8 92.4

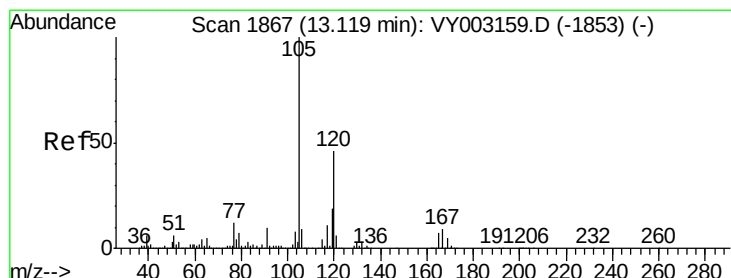
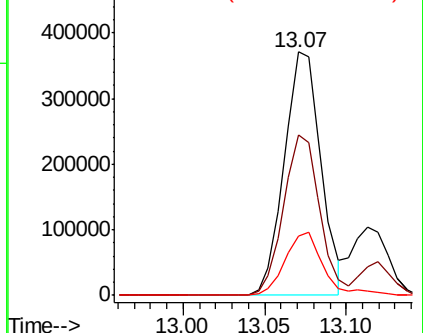
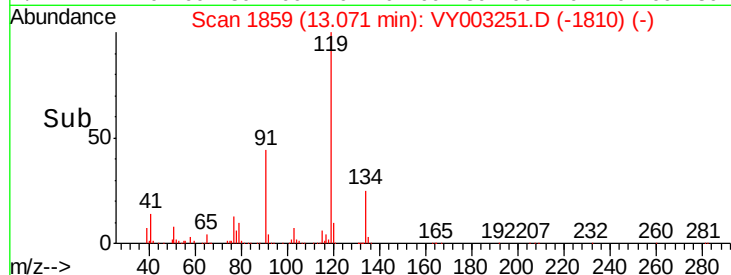
134 27.0 13.2 39.6



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: 51.213 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003251.D

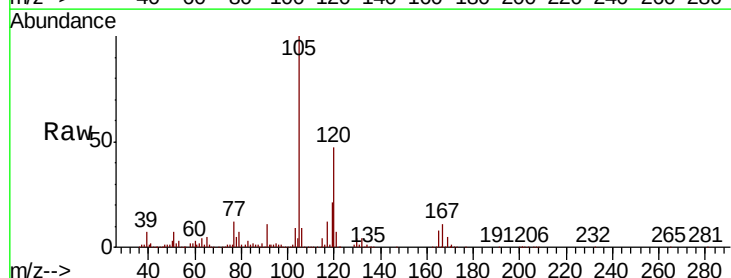
Acq: 20 Jul 2020 22:43

Tgt Ion:105 Resp: 696553

Ion Ratio Lower Upper

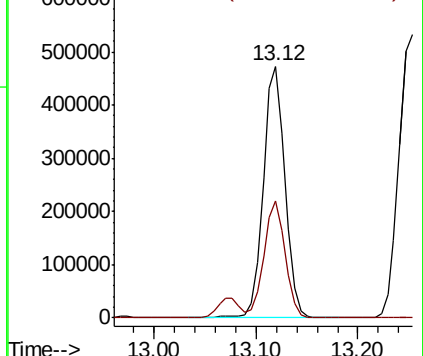
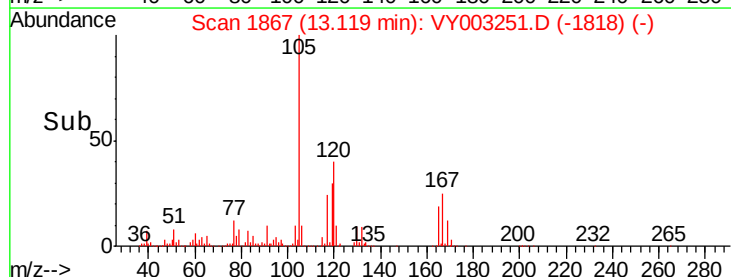
105 100

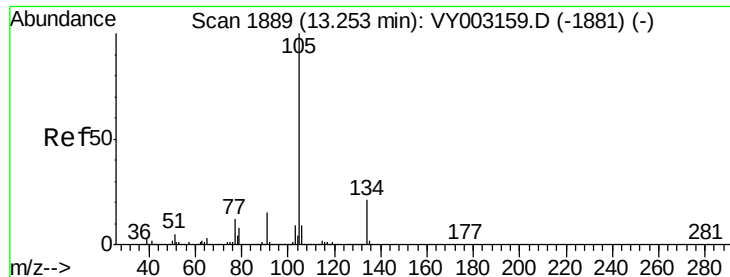
120 45.8 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.224 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

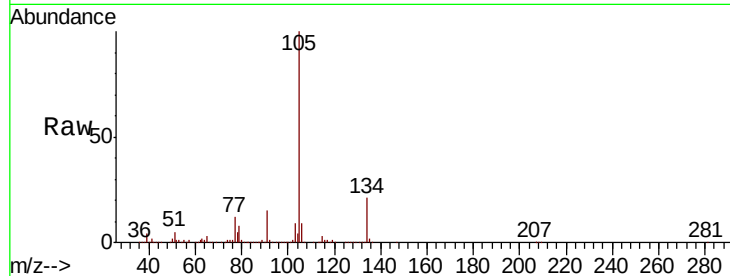
VSTDCCC050EC

Tot Ion:105 Resp: 806975

Ion Ratio Lower Upper

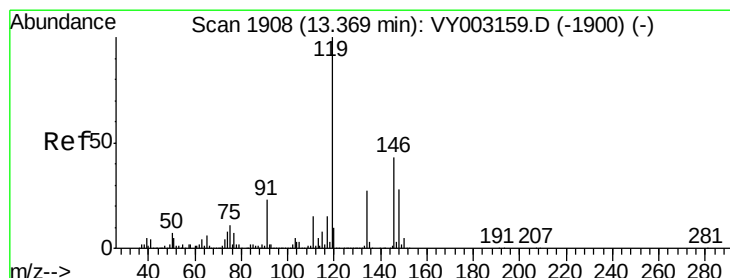
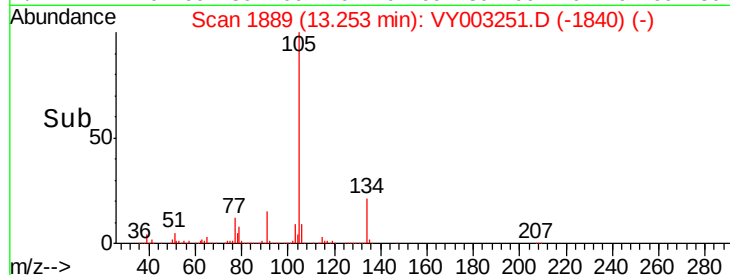
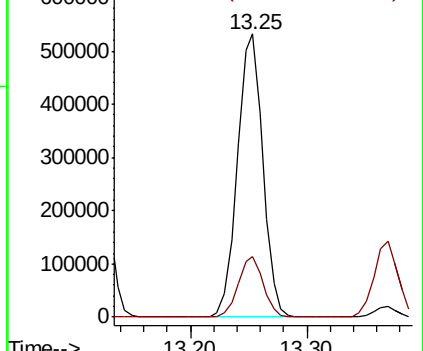
105 100

134 21.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.603 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

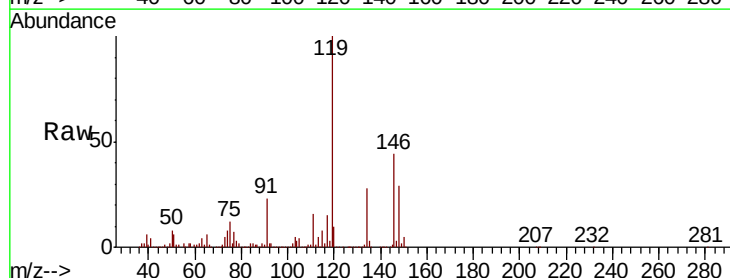
Tgt Ion:119 Resp: 759272

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

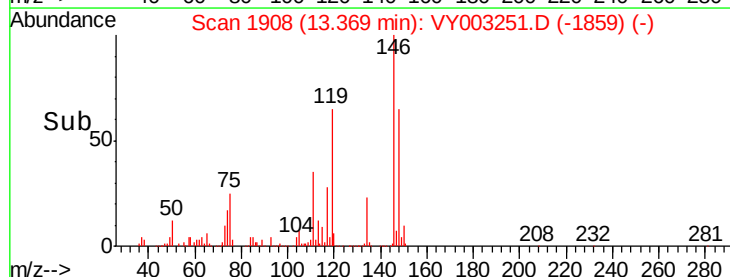
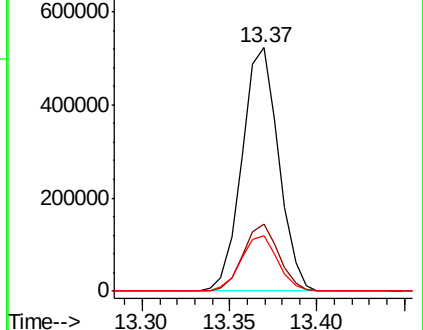
91 22.8 11.2 33.6

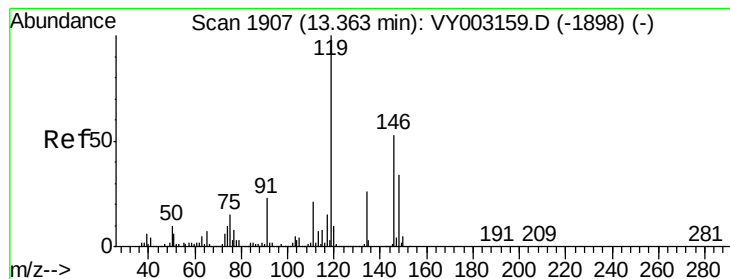


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.450 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

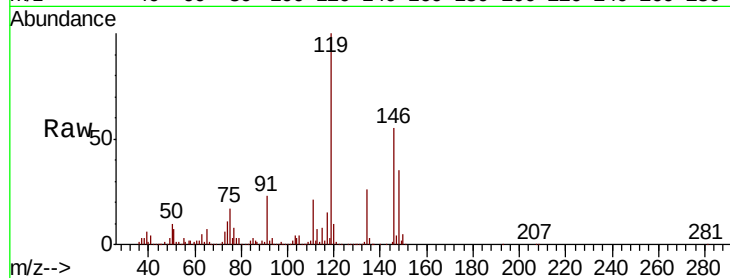
Tot Ion:146 Resp: 394423

Ion Ratio Lower Upper

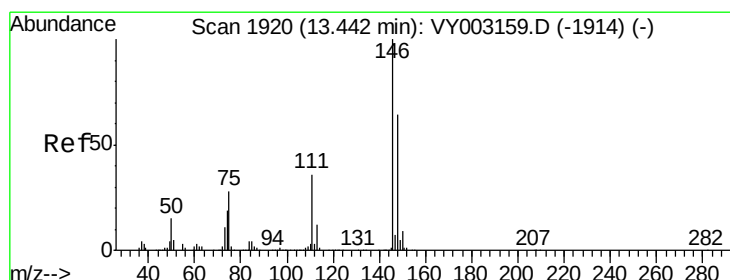
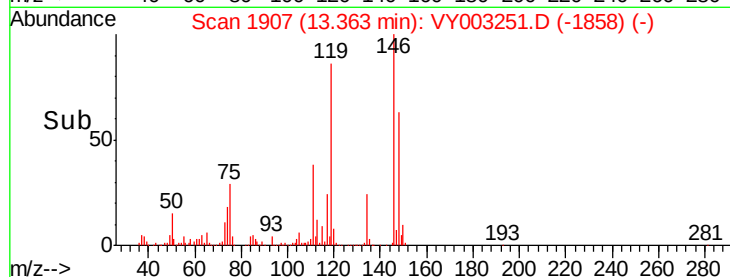
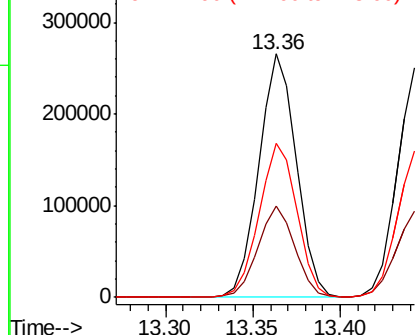
146 100

111 37.1 18.8 56.3

148 63.9 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.867 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

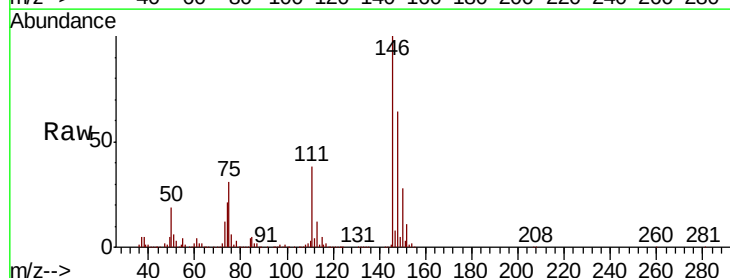
Tgt Ion:146 Resp: 385989

Ion Ratio Lower Upper

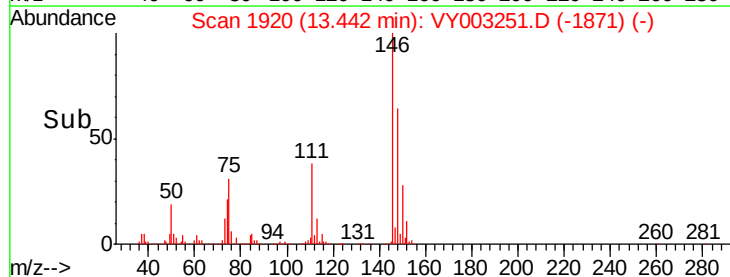
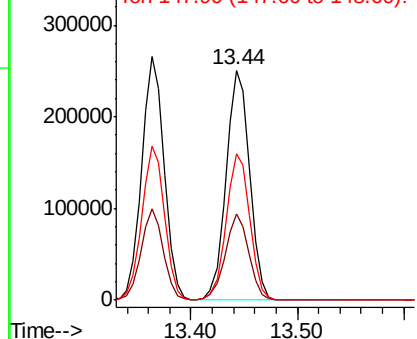
146 100

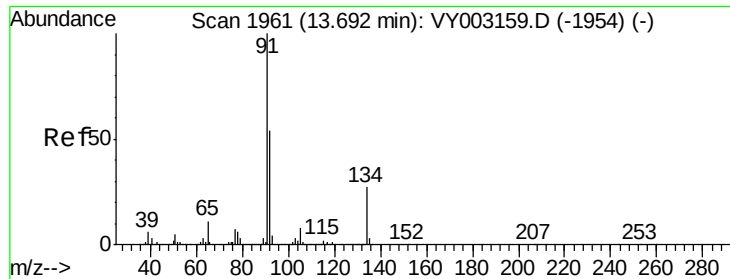
111 37.5 18.4 55.0

148 63.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

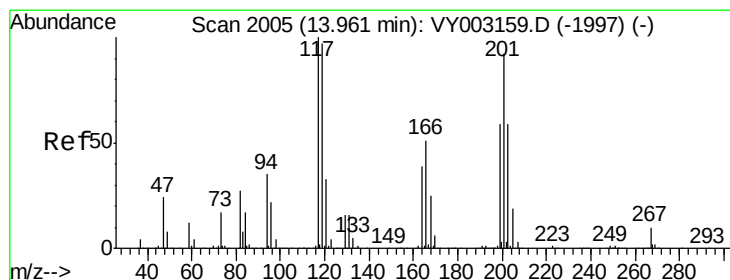
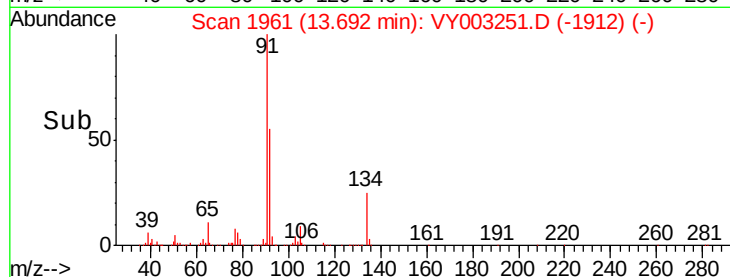
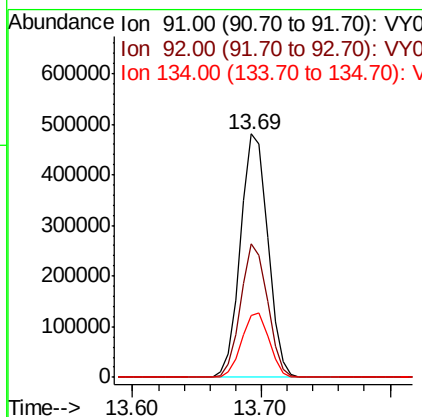
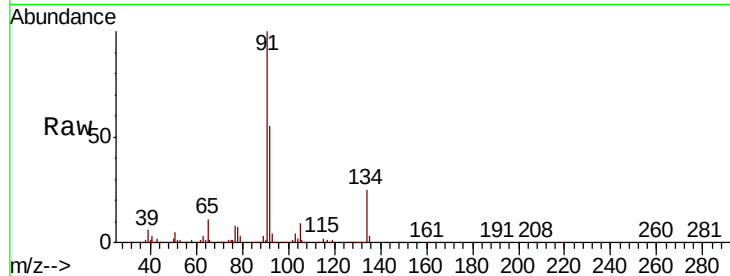




#89
n-Butylbenzene
Concen: 49.022 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

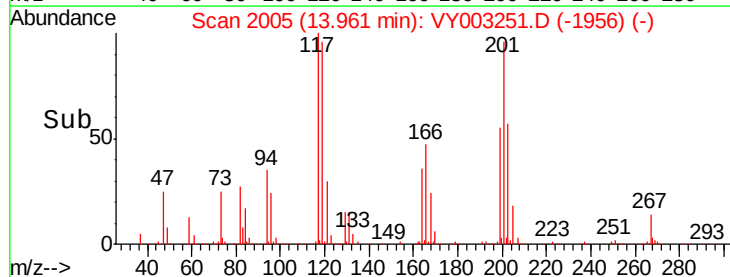
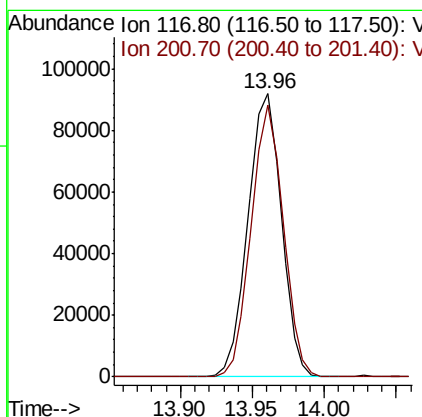
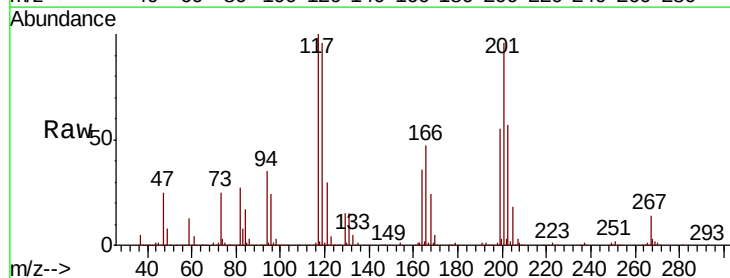
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

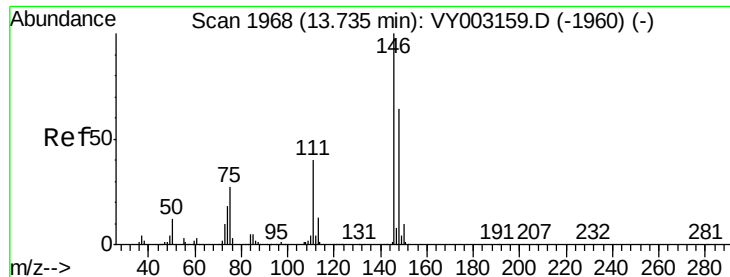
Tot Ion: 91 Resp: 705825
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 26.5 13.6 40.7



#90
Hexachloroethane
Concen: 52.836 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003251.D
Acq: 20 Jul 2020 22:43

Tgt Ion: 117 Resp: 147285
Ion Ratio Lower Upper
117 100
201 92.2 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 51.396 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

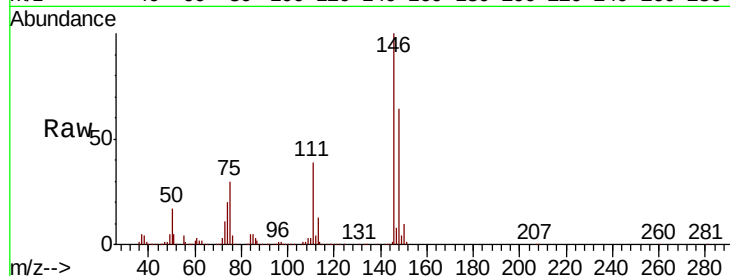
Tot Ion:146 Resp: 352628

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.8

148 64.0 32.4 97.0

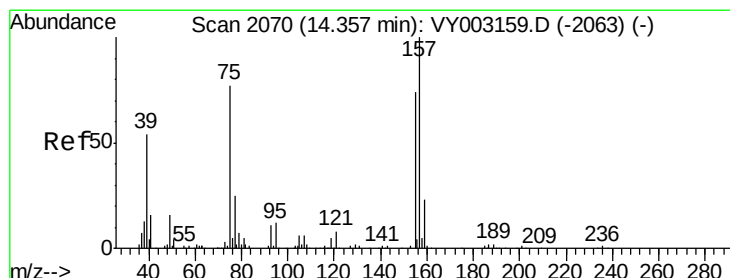
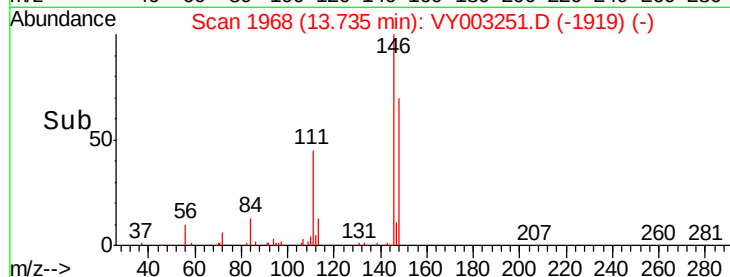
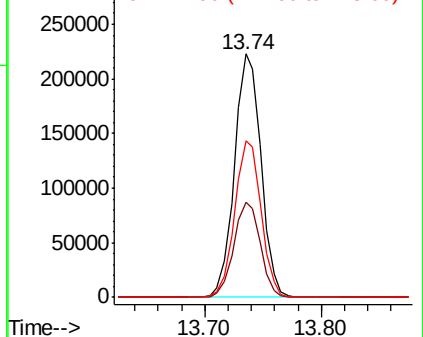


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.052 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

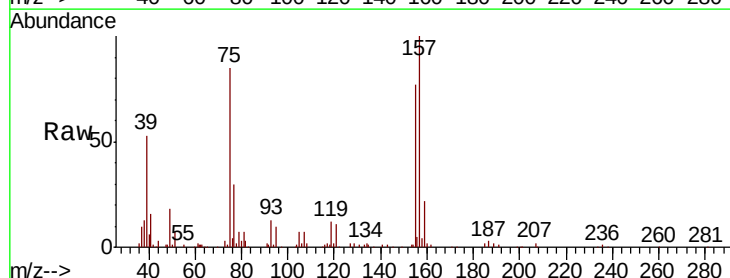
Tgt Ion: 75 Resp: 27958

Ion Ratio Lower Upper

75 100

155 92.6 48.1 144.3

157 119.4 61.9 185.6

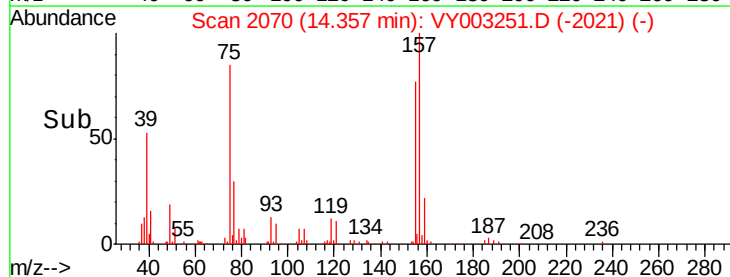
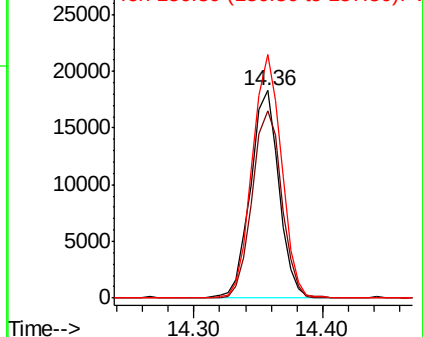


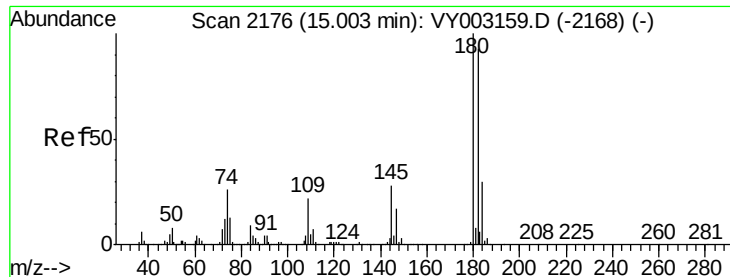
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

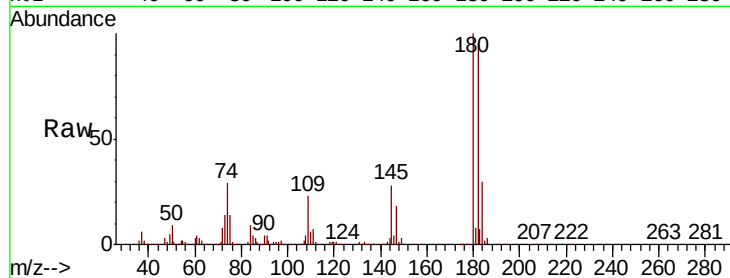




#93
 1,2,4-Trichlorobenzene
 Concen: 50.084 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	142.0
145	27.7	13.7	41.1

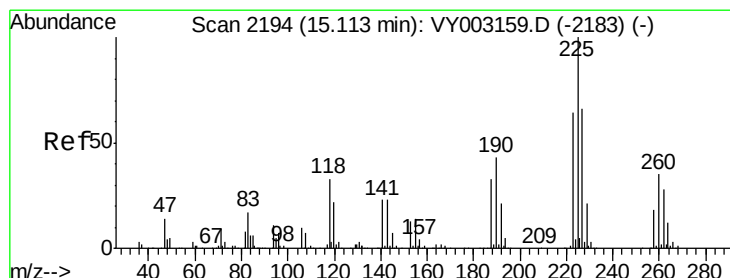
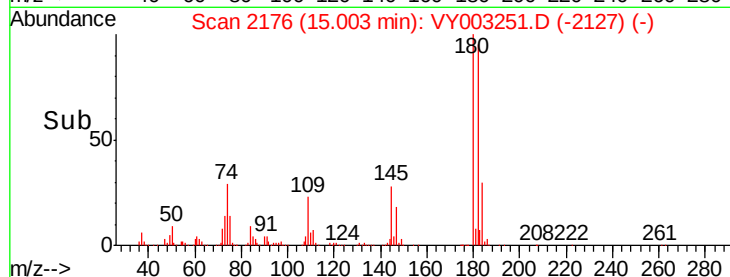
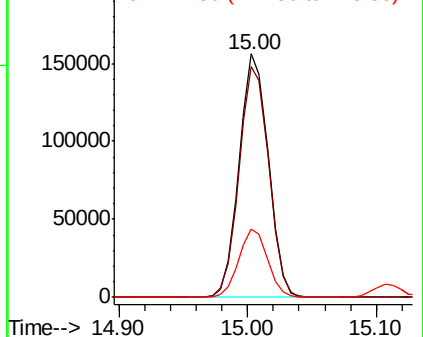


Abundance

Ion 179.80 (179.50 to 180.50): V

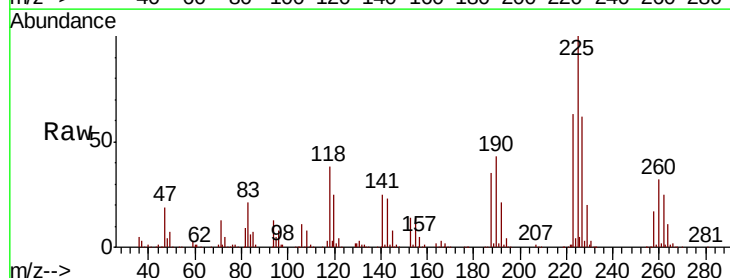
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.965 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003251.D
 Acq: 20 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.6	94.7
227	64.1	32.3	96.8

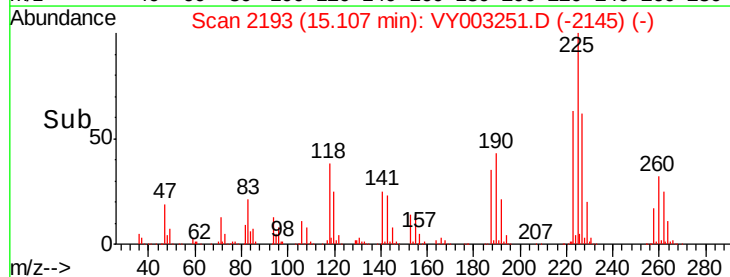
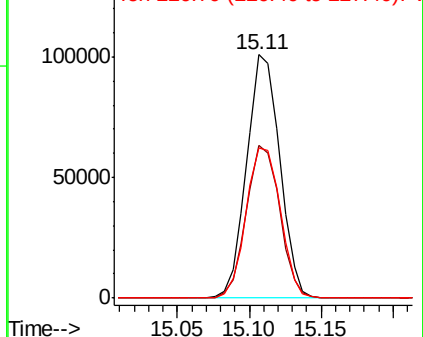


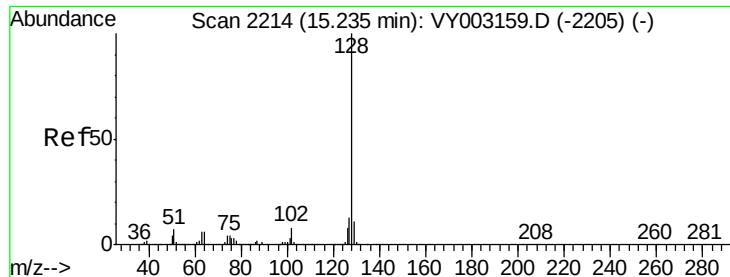
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.763 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

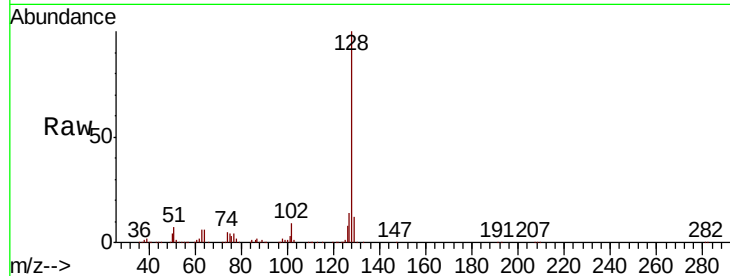
Tot Ion:128 Resp: 433677

Ion Ratio Lower Upper

128 100

127 13.6 10.9 16.3

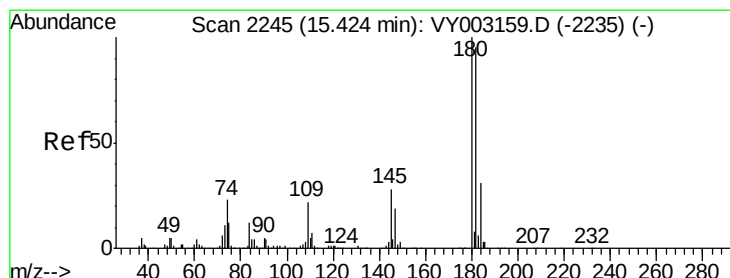
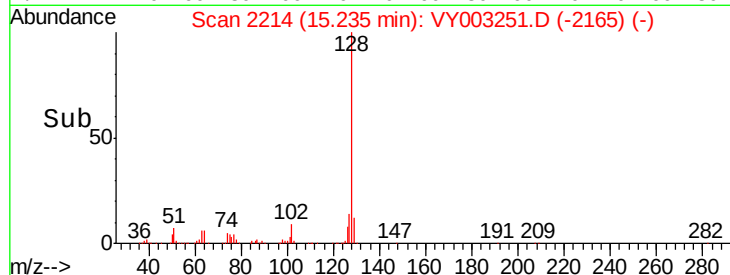
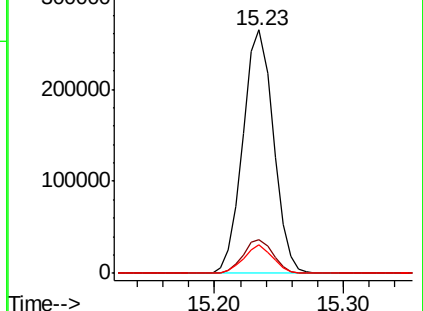
129 11.0 9.0 13.6



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: 51.292 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003251.D

Acq: 20 Jul 2020 22:43

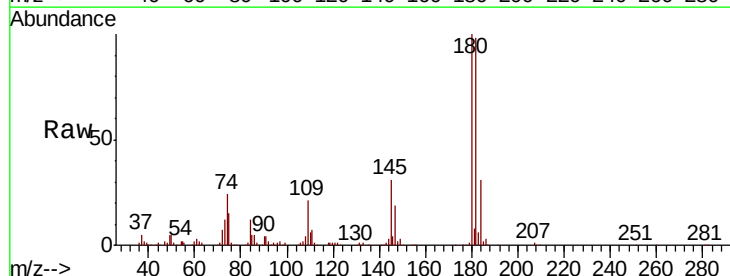
Tgt Ion:180 Resp: 197901

Ion Ratio Lower Upper

180 100

182 96.5 48.8 146.3

145 29.6 14.9 44.5



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

