

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003331.D
 Acq On : 23 Jul 2020 21:09
 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 24 04:45:42 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	423866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	648077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	607967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	325517	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	180521	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
35) Dibromofluoromethane	7.72	113	171599	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	
50) Toluene-d8	10.18	98	622915	44.92	ug/l	0.00
Spiked Amount			Recovery	=	89.84%	
62) 4-Bromofluorobenzene	12.48	95	226437	45.20	ug/l	0.00
Spiked Amount			Recovery	=	90.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	117343	38.625	ug/l	96
3) Chloromethane	2.11	50	173821	41.249	ug/l	99
4) Vinyl Chloride	2.26	62	188789	43.665	ug/l	100
5) Bromomethane	2.65	94	163982	51.063	ug/l	95
6) Chloroethane	2.80	64	131993	46.480	ug/l	96
7) Trichlorofluoromethane	3.13	101	287651	46.587	ug/l	99
8) Diethyl Ether	3.54	74	109087	52.724	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	176471	47.323	ug/l	98
10) Methyl Iodide	4.10	142	154029	38.019	ug/l	97
11) Tert butyl alcohol	4.96	59	102635	265.310	ug/l	98
12) 1,1-Dichloroethene	3.88	96	167238	47.415	ug/l	98
13) Acrolein	3.74	56	66246	197.293	ug/l	98
14) Allyl chloride	4.49	41	273439	52.246	ug/l	97
15) Acrylonitrile	5.18	53	282921	284.663	ug/l	100
16) Acetone	3.96	43	218832	273.840	ug/l	94
17) Carbon Disulfide	4.20	76	483459	44.669	ug/l	100
18) Methyl Acetate	4.49	43	133745	60.265	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	520141	52.623	ug/l	99
20) Methylene Chloride	4.72	84	224516	56.561	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	193890	48.601	ug/l	95
22) Diisopropyl ether	6.13	45	637143	54.853	ug/l	99
23) Vinyl Acetate	6.07	43	2106051	272.030	ug/l	99
24) 1,1-Dichloroethane	6.03	63	353213	52.488	ug/l	99
25) 2-Butanone	6.99	43	370197	282.144	ug/l	98
26) 2,2-Dichloropropane	6.99	77	293376	48.409	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	227284	51.745	ug/l	99
28) Bromochloromethane	7.34	49	170403	58.487	ug/l	97
29) Tetrahydrofuran	7.35	42	250586	284.292	ug/l	98
30) Chloroform	7.52	83	362935	52.365	ug/l	97
31) Cyclohexane	7.79	56	298423	45.860	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	315296	50.532	ug/l	99
36) 1,1-Dichloropropene	7.92	75	269462	45.876	ug/l	99
37) Ethyl Acetate	7.08	43	169746	53.663	ug/l	98
38) Carbon Tetrachloride	7.91	117	283820	46.806	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	328512	44.522	ug/l	97
40) Benzene	8.16	78	779601	48.203	ug/l	98
41) Methacrylonitrile	7.35	41	229641	120.541	ug/l #	42
42) 1,2-Dichloroethane	8.24	62	242176	48.639	ug/l	98
43) Isopropyl Acetate	8.28	43	318673	52.047	ug/l	99
44) Trichloroethene	8.94	130	224725	45.326	ug/l	94
45) 1,2-Dichloropropane	9.22	63	211011	50.422	ug/l	98
46) Dibromomethane	9.31	93	119346	48.827	ug/l	99
47) Bromodichloromethane	9.50	83	294230	50.614	ug/l	99
48) Methyl methacrylate	9.30	41	144542	52.806	ug/l	98
49) 1,4-Dioxane	9.30	88	33132	1068.036	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	848905	266.748	ug/l	100
52) Toluene	10.24	92	495992	47.981	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	304268	50.518	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	341633	49.229	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	173584	50.117	ug/l	97
56) Ethyl methacrylate	10.51	69	245943	52.230	ug/l	99
57) 1,3-Dichloropropane	10.79	76	297719	50.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	646829	269.342	ug/l	99
59) 2-Hexanone	10.83	43	592712	266.800	ug/l	100
60) Dibromochloromethane	10.99	129	220943	50.718	ug/l	99
61) 1,2-Dibromoethane	11.09	107	166148	48.604	ug/l	100
64) Tetrachloroethene	10.72	164	232761	42.938	ug/l	99
65) Chlorobenzene	11.52	112	559741	47.791	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	220488	48.470	ug/l	99
67) Ethyl Benzene	11.59	91	993790	47.522	ug/l	99
68) m/p-Xylenes	11.70	106	749286	94.433	ug/l	100
69) o-Xylene	12.03	106	357574	48.238	ug/l	100
70) Styrene	12.04	104	620445	48.929	ug/l	99
71) Bromoform	12.20	173	149144	49.954	ug/l	99
73) Isopropylbenzene	12.33	105	973267	46.918	ug/l	100
74) N-amyl acetate	12.14	43	302155	51.912	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	206482	51.538	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	277836	96.424	ug/l #	100
77) Bromobenzene	12.61	156	253253	47.894	ug/l	99
78) n-propylbenzene	12.67	91	1157920	47.355	ug/l	99
79) 2-Chlorotoluene	12.75	91	644510	47.242	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	818668	47.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	72386	48.892	ug/l	98
82) 4-Chlorotoluene	12.85	91	670570	47.092	ug/l	100
83) tert-Butylbenzene	13.07	119	733413	48.075	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	828805	47.644	ug/l	98
85) sec-Butylbenzene	13.25	105	993798	47.397	ug/l	100
86) p-Isopropyltoluene	13.37	119	926603	47.329	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	470988	47.102	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	472745	47.752	ug/l	100
89) n-Butylbenzene	13.69	91	867272	47.095	ug/l	99
90) Hexachloroethane	13.96	117	181501	50.908	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	428857	48.872	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	32337	49.785	ug/l	99

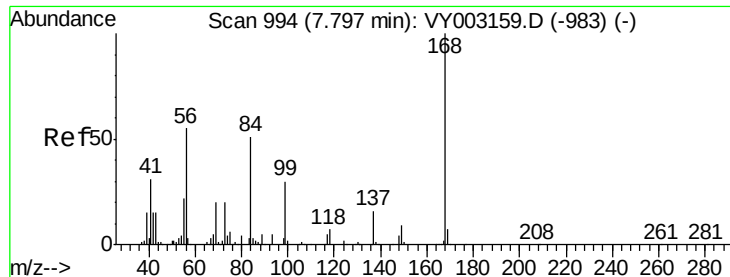
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	297246	47.615	ug/l	99
94) Hexachlorobutadiene	15.11	225	195036	45.595	ug/l	99
95) Naphthalene	15.23	128	531312	51.498	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	245672	49.784	ug/l	98

(#) = 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: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

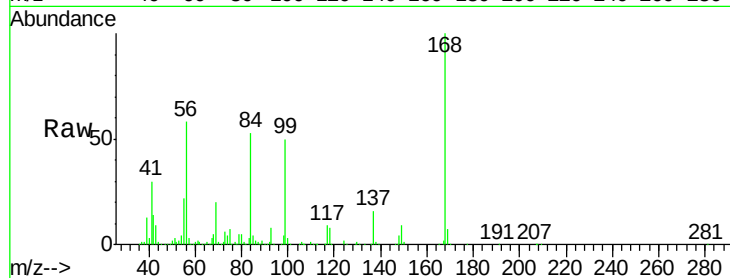
VSTDCCC050EC

Tot Ion:168 Resp: 423866

Ion Ratio Lower Upper

168 100

99 50.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003331.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003331.D (-945) (-)

7.80

200000

150000

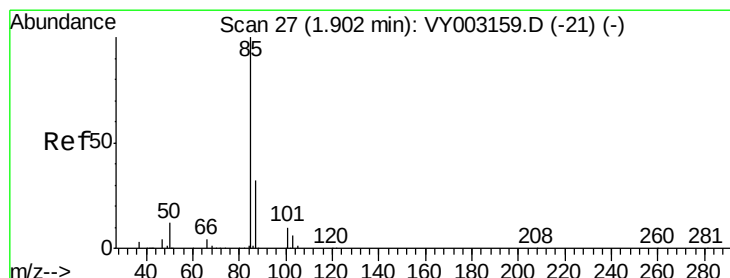
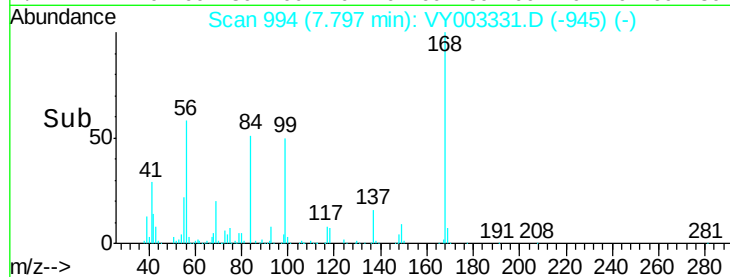
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 38.625 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003331.D

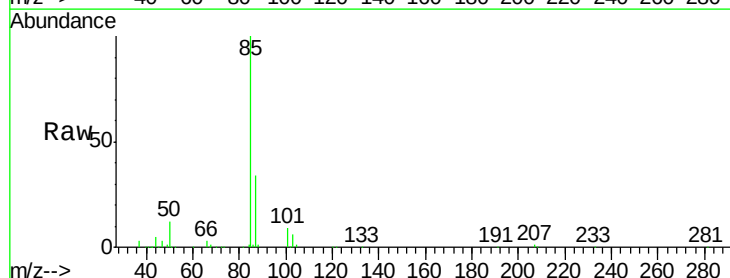
Acq: 23 Jul 2020 21:09

Tgt Ion: 85 Resp: 117343

Ion Ratio Lower Upper

85 100

87 34.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003331.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003331.D (-1) (-)

1.90

80000

60000

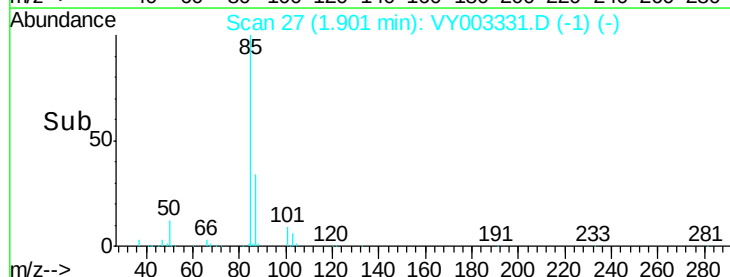
40000

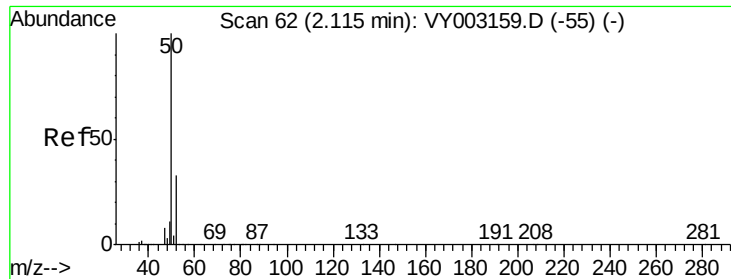
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 41.249 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

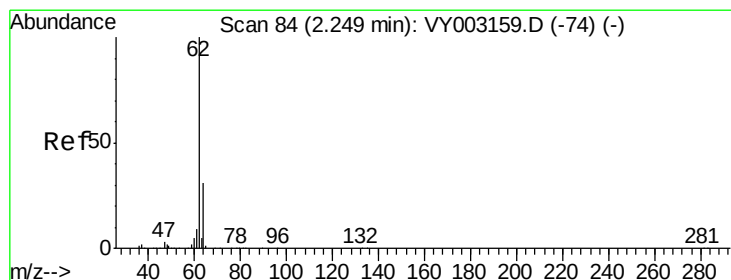
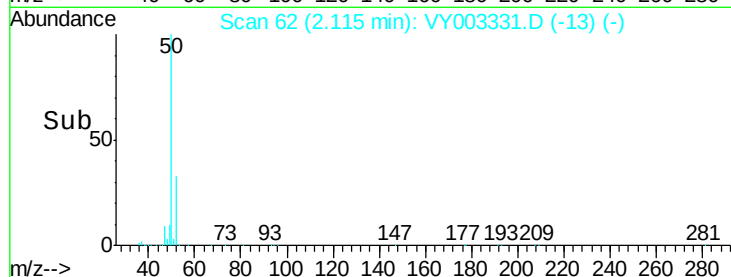
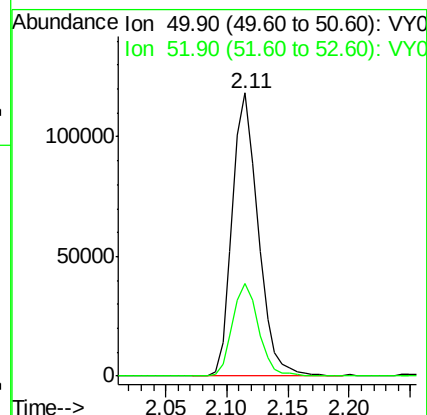
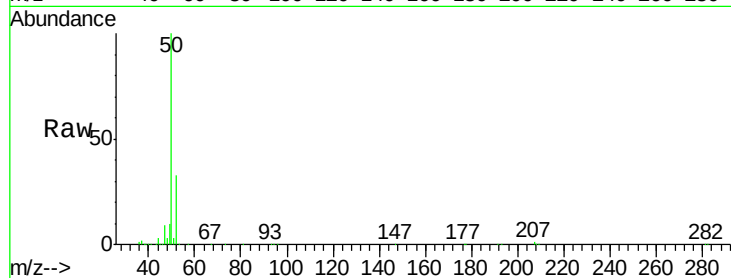
VSTDCCC050EC

Tot Ion: 50 Resp: 173821

Ion Ratio Lower Upper

50 100

52 32.6 26.6 39.8



#4

Vinyl Chloride

Concen: 43.665 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003331.D

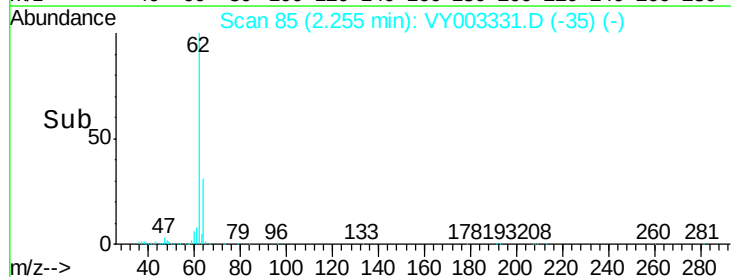
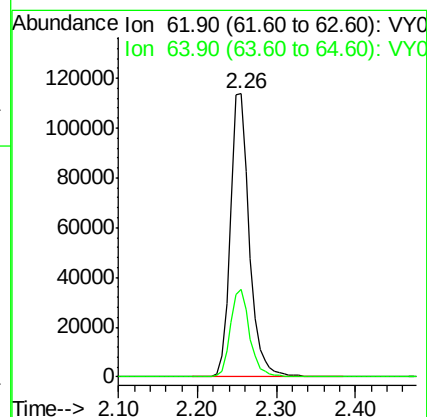
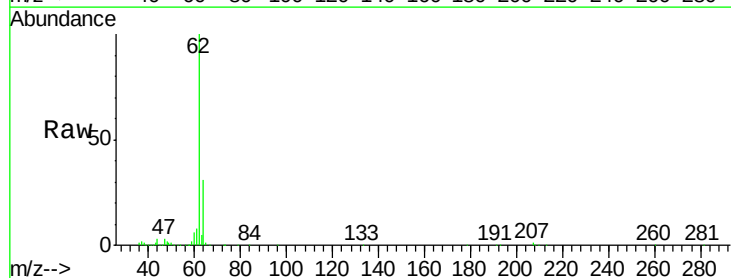
Acq: 23 Jul 2020 21:09

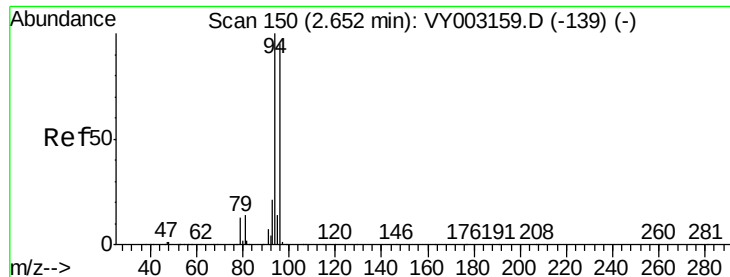
Tgt Ion: 62 Resp: 188789

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0





#5

Bromomethane

Concen: 51.063 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

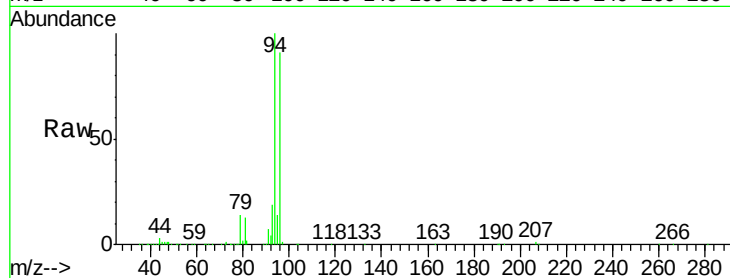
VSTDCCC050EC

Tot Ion: 94 Resp: 163982

Ion Ratio Lower Upper

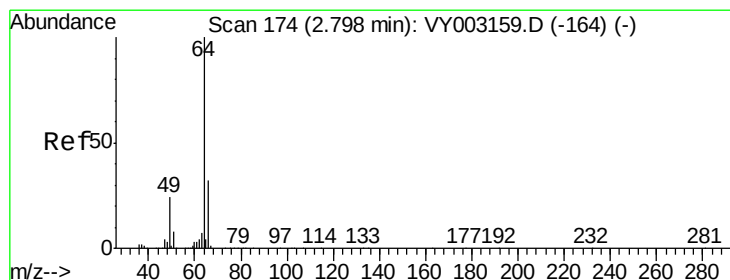
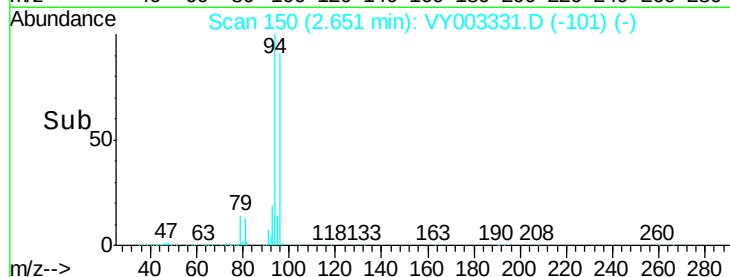
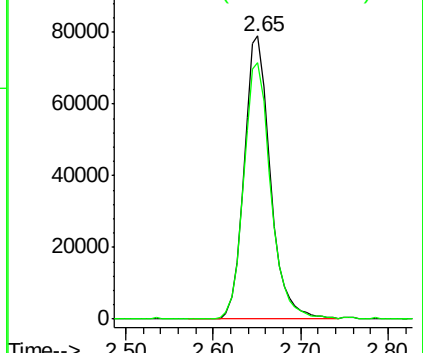
94 100

96 90.3 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: 46.480 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003331.D

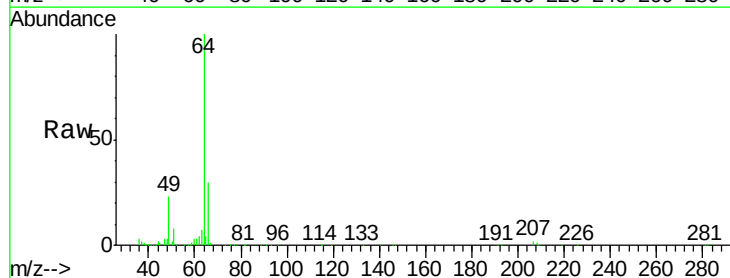
Acq: 23 Jul 2020 21:09

Tgt Ion: 64 Resp: 131993

Ion Ratio Lower Upper

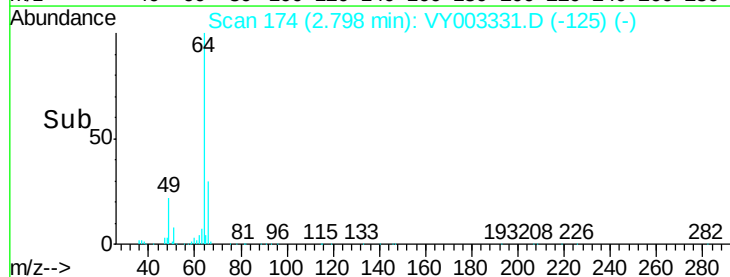
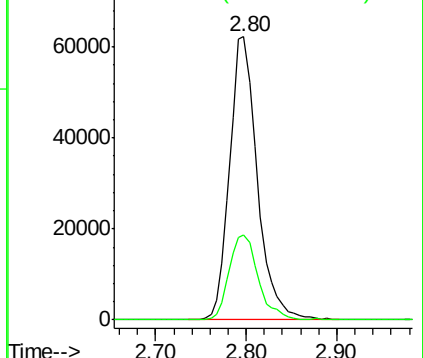
64 100

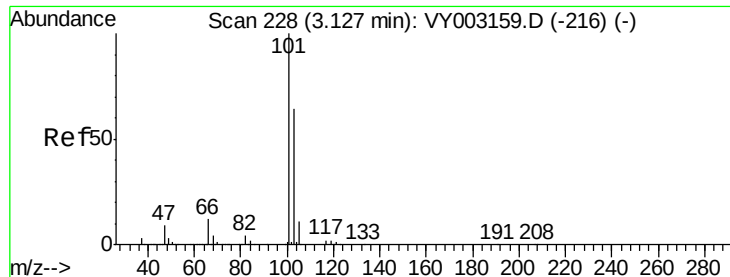
66 30.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



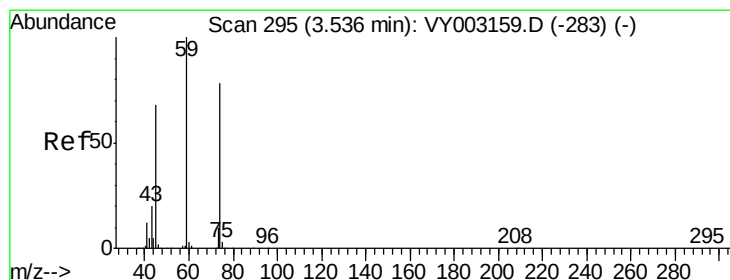
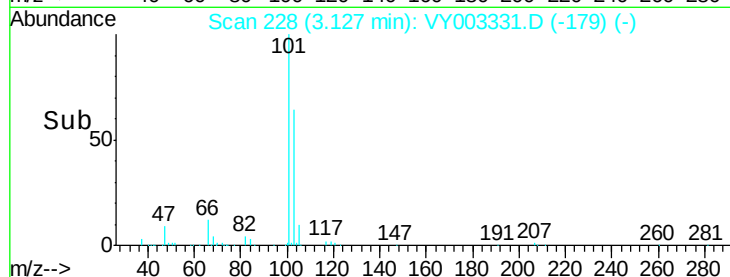
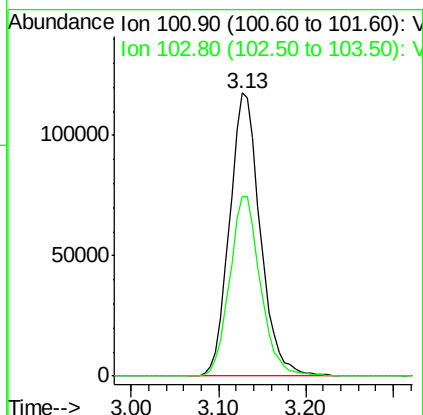
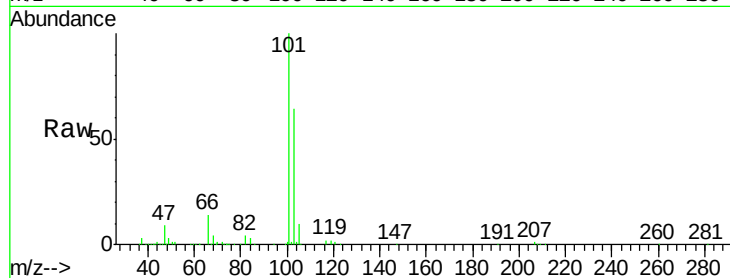


#7

Trichlorofluoromethane
Concen: 46.587 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
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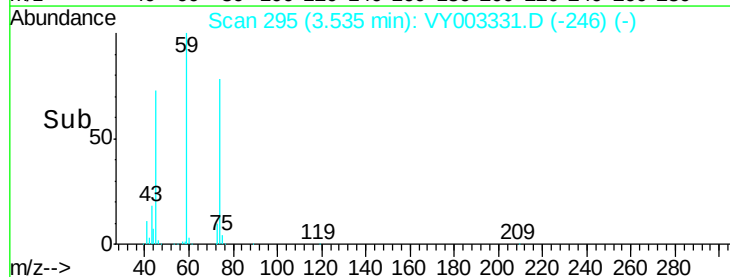
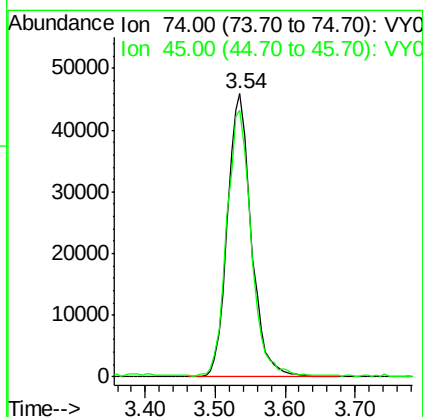
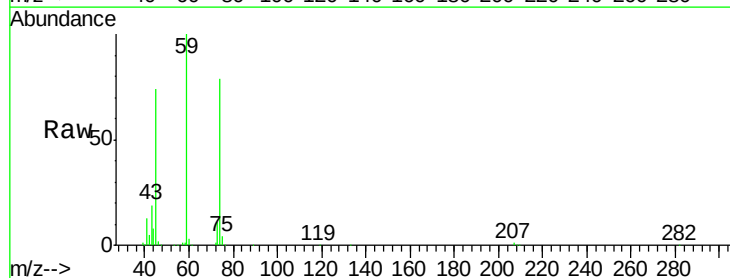
Tot Ion:101 Resp: 287651
Ion Ratio Lower Upper
101 100
103 63.6 51.3 76.9

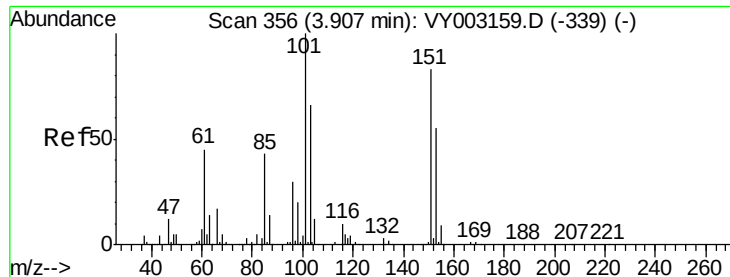


#8

Diethyl Ether
Concen: 52.724 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 74 Resp: 109087
Ion Ratio Lower Upper
74 100
45 96.1 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.323 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

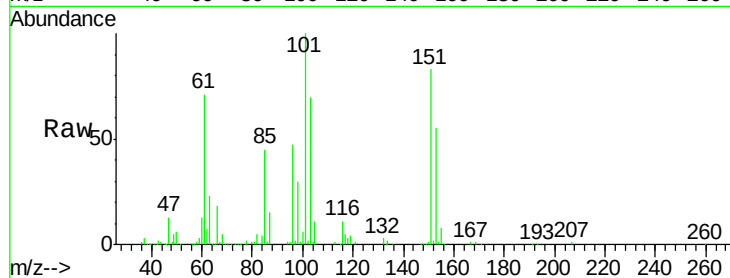
Tot Ion:101 Resp: 176471

Ion Ratio Lower Upper

101 100

85 43.4 34.9 52.3

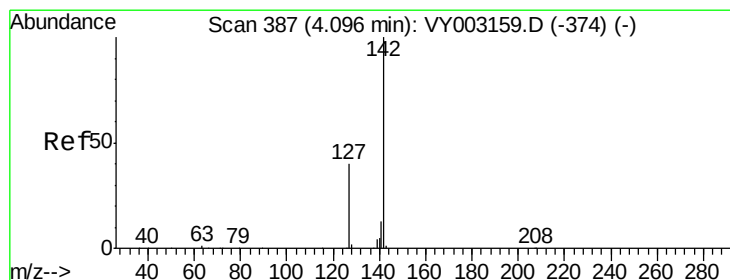
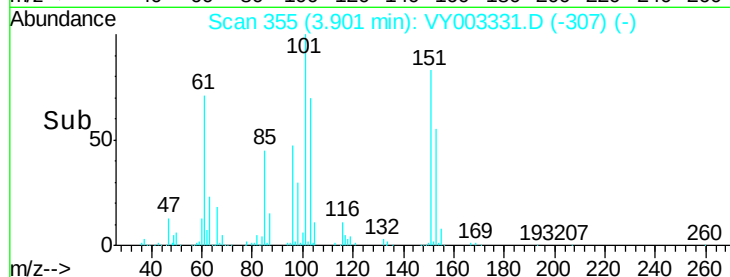
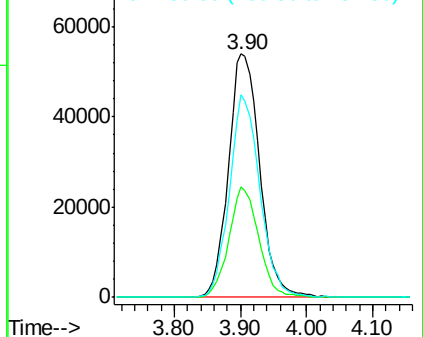
151 81.1 67.0 100.6



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: 38.019 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

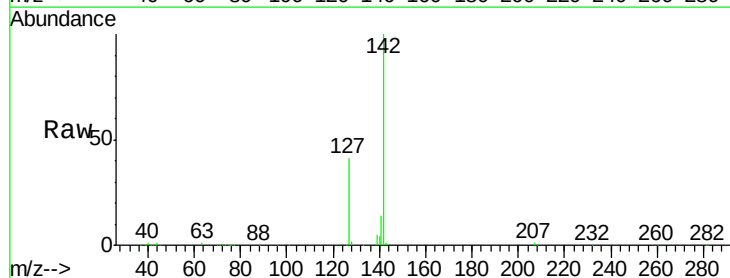
Tgt Ion:142 Resp: 154029

Ion Ratio Lower Upper

142 100

127 43.7 33.5 50.3

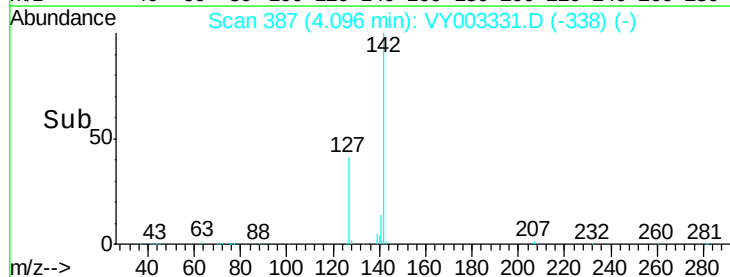
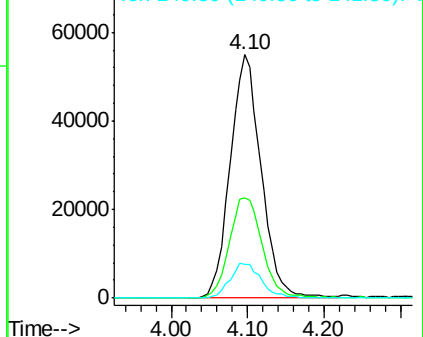
141 14.8 11.2 16.8

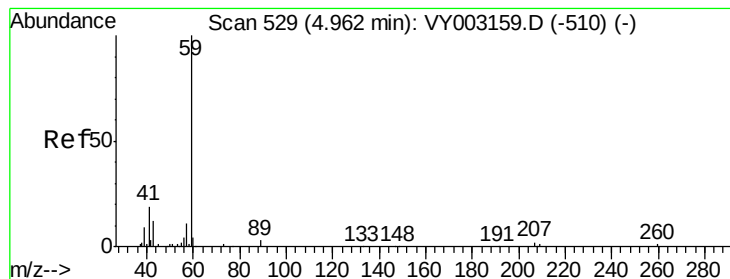


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



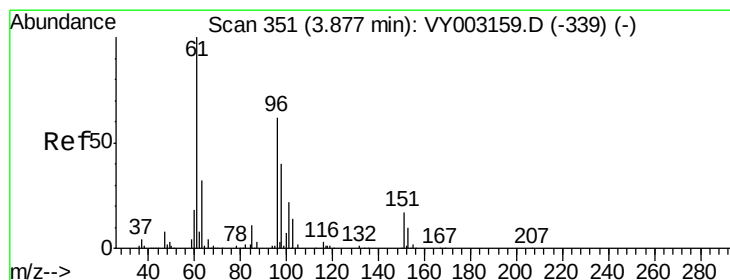
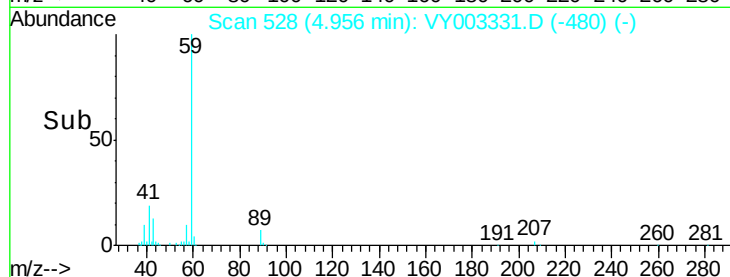
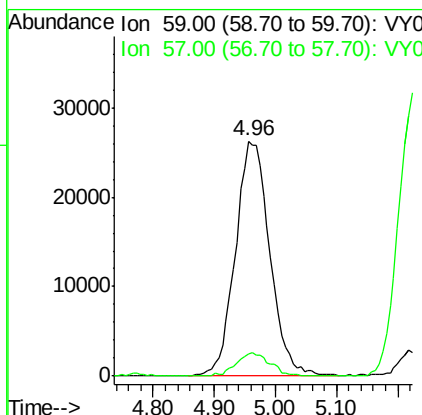
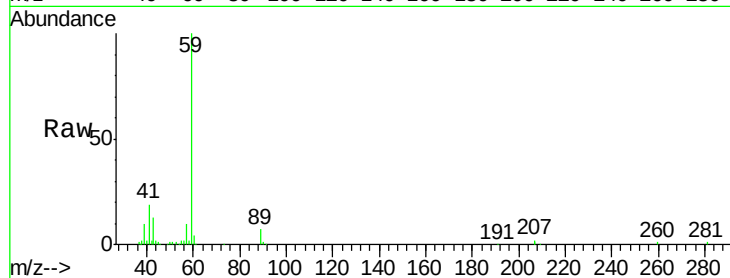


#11

Tert butyl alcohol
 Concen: 265.310 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

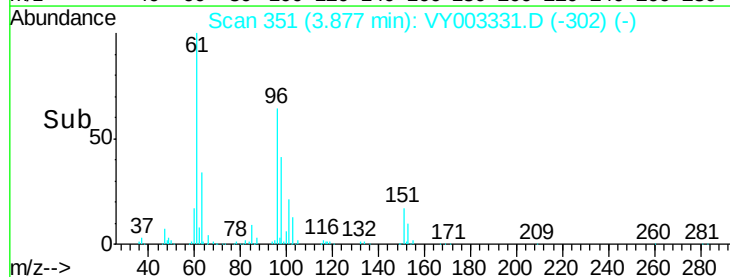
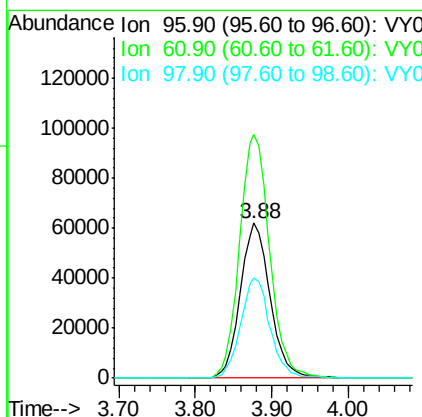
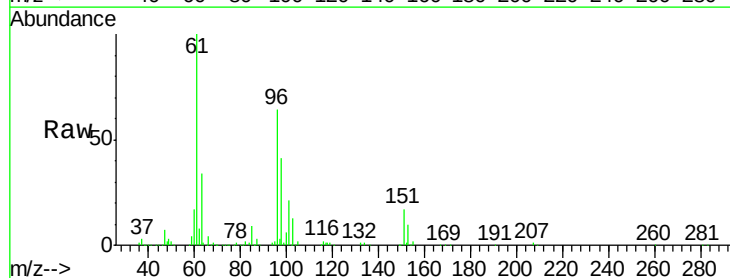
Tot Ion: 59 Resp: 102635
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.4 12.6

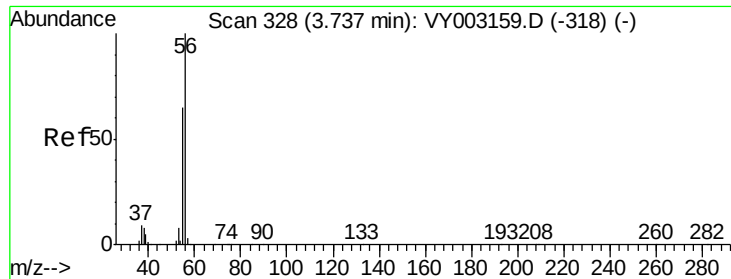


#12

1,1-Dichloroethene
 Concen: 47.415 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion: 96 Resp: 167238
 Ion Ratio Lower Upper
 96 100
 61 157.5 128.6 193.0
 98 65.2 51.6 77.4





#13

Acrolein

Concen: 197.293 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

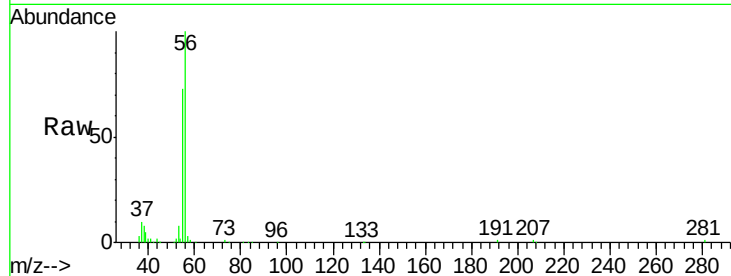
VSTDCCC050EC

Tot Ion: 56 Resp: 66246

Ion Ratio Lower Upper

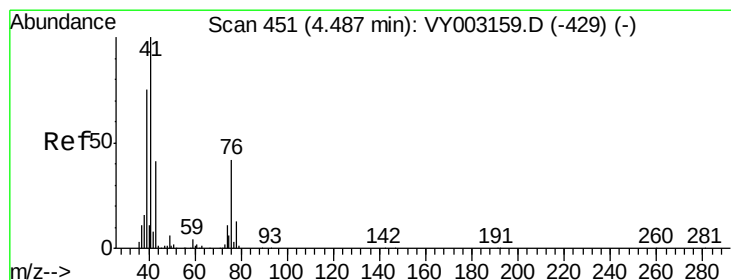
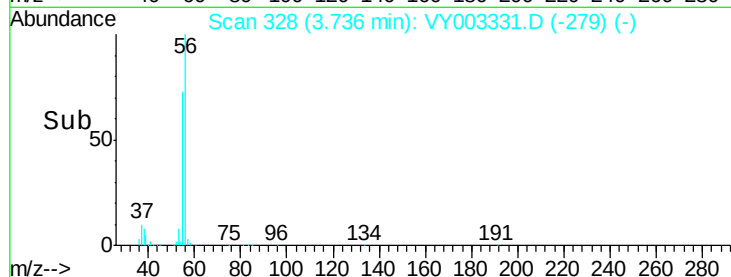
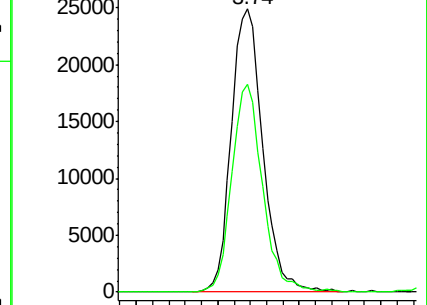
56 100

55 71.4 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 52.246 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

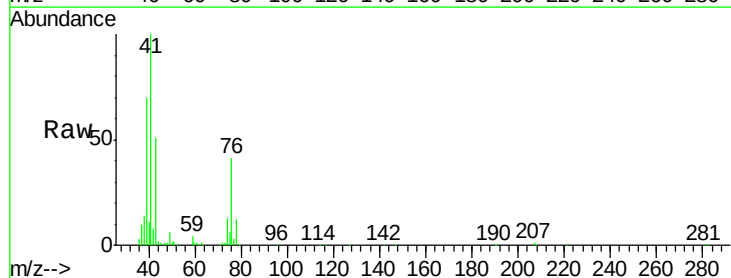
Tgt Ion: 41 Resp: 273439

Ion Ratio Lower Upper

41 100

39 67.2 56.6 85.0

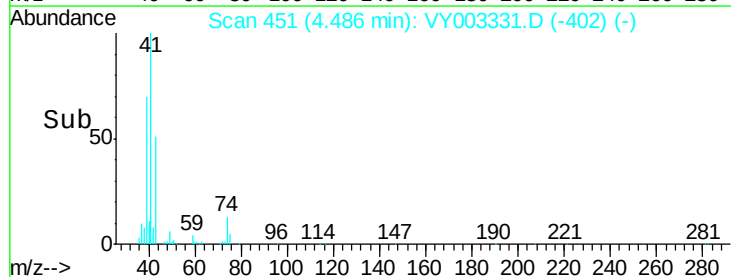
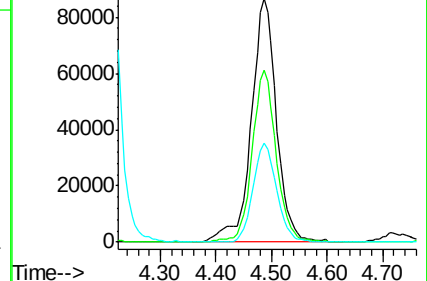
76 38.3 31.6 47.4

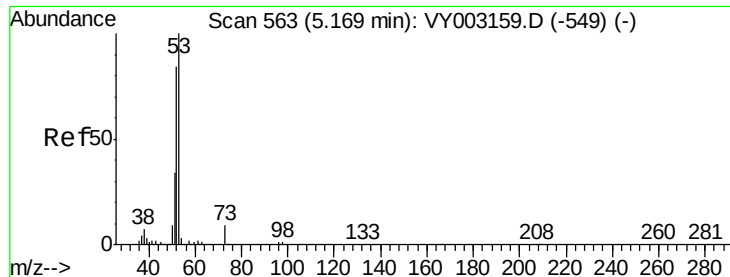


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 284.663 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

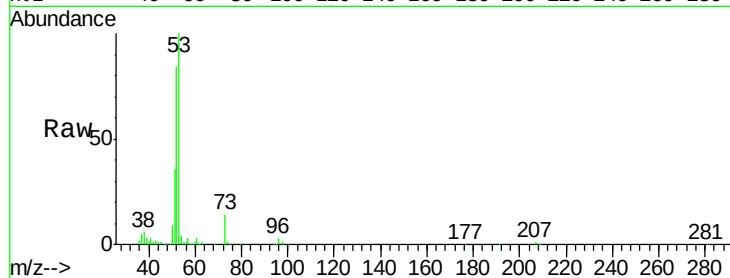
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 282921

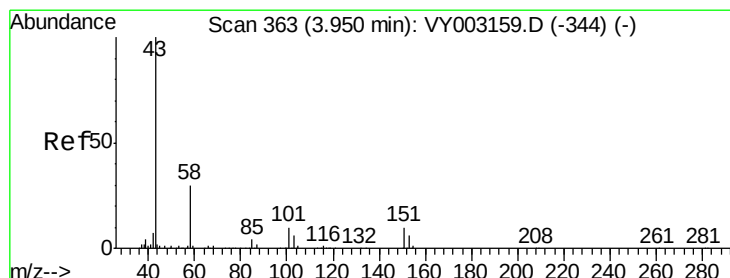
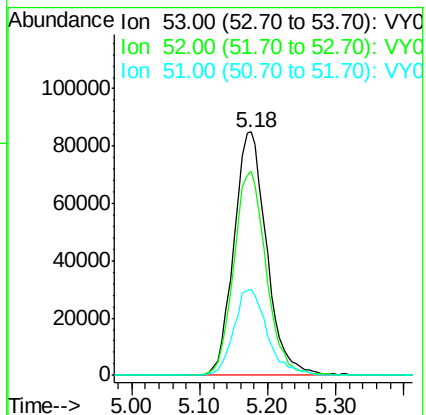
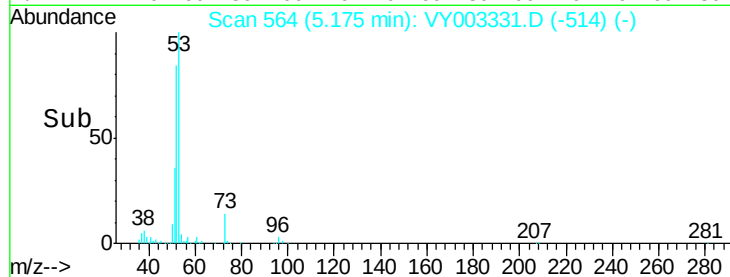
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.8	98.6
51	36.3	29.0	43.4



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: 273.840 ug/l

RT: 3.96 min Scan# 364

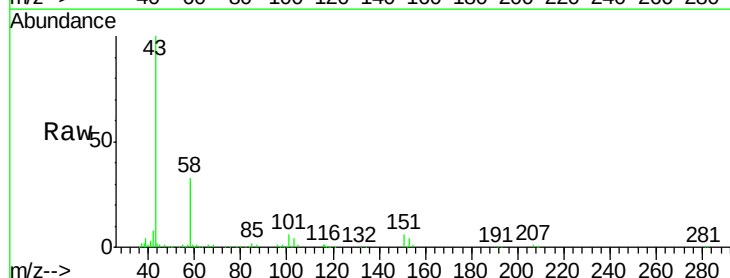
Delta R.T. 0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

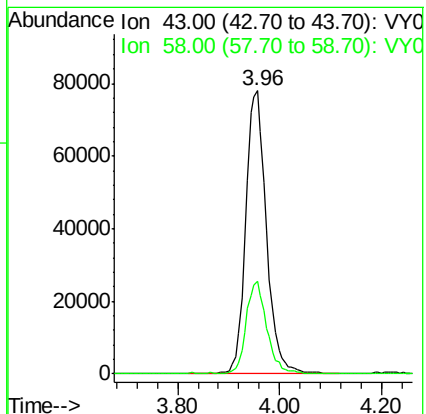
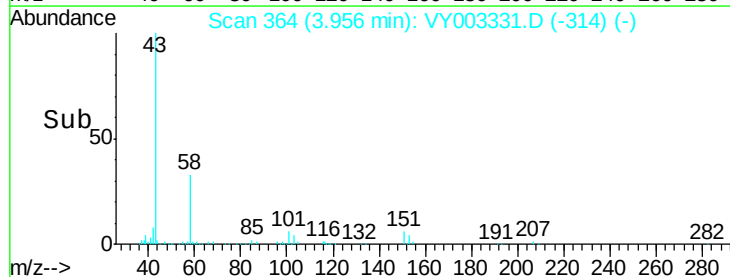
Tgt Ion: 43 Resp: 218832

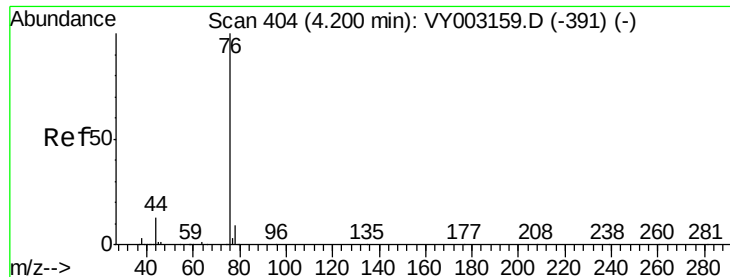
Ion	Ratio	Lower	Upper
43	100		
58	32.9	23.8	35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

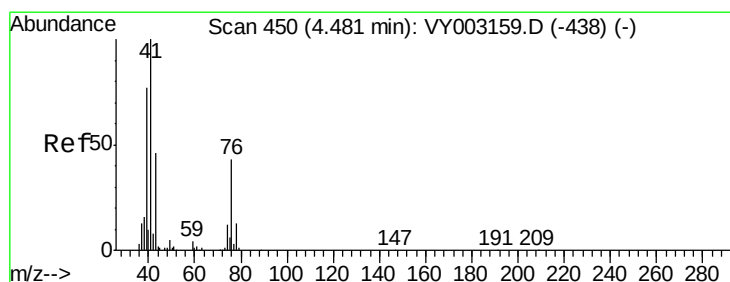
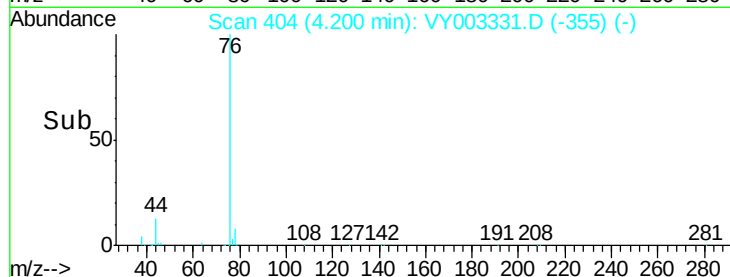
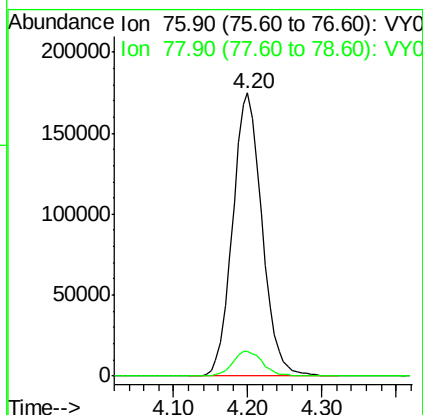
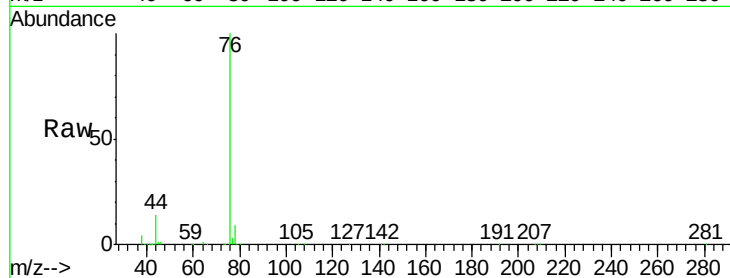




#17
Carbon Disulfide
Concen: 44.669 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

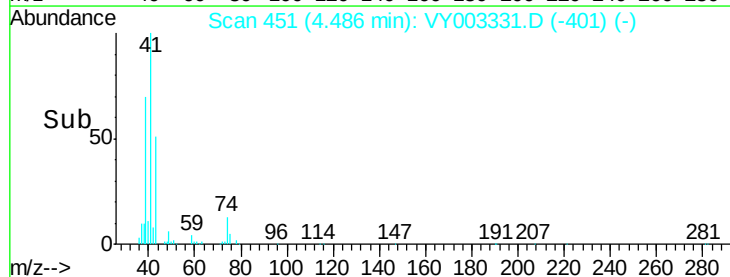
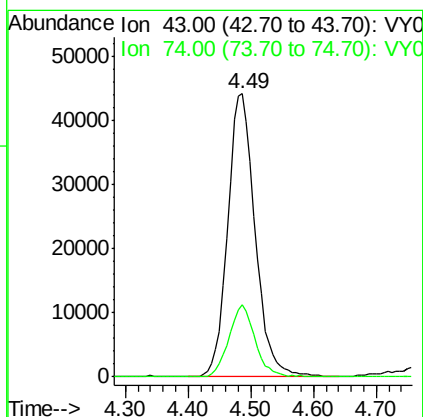
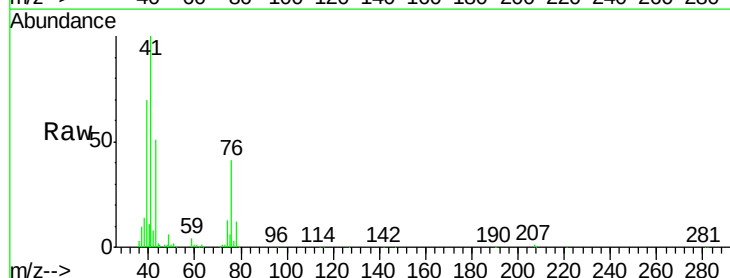
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

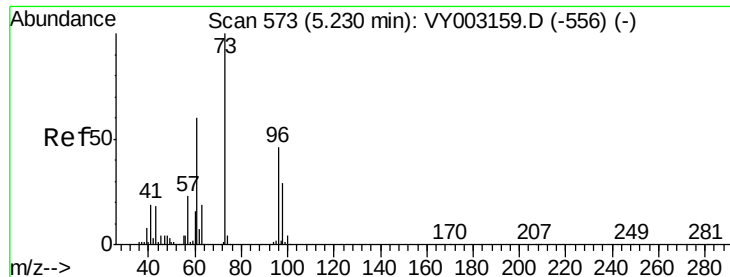
Tot Ion: 76 Resp: 483459
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 60.265 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 43 Resp: 133745
Ion Ratio Lower Upper
43 100
74 24.1 20.8 31.2

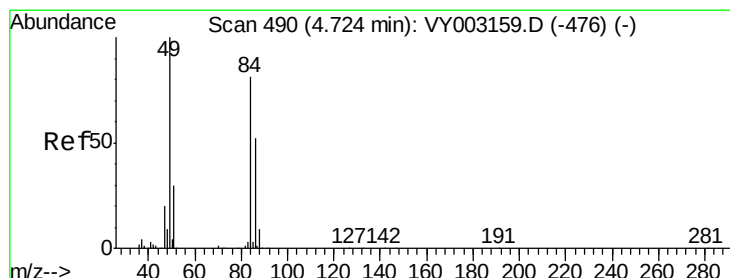
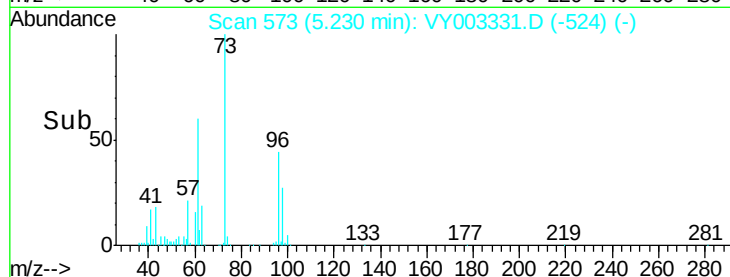
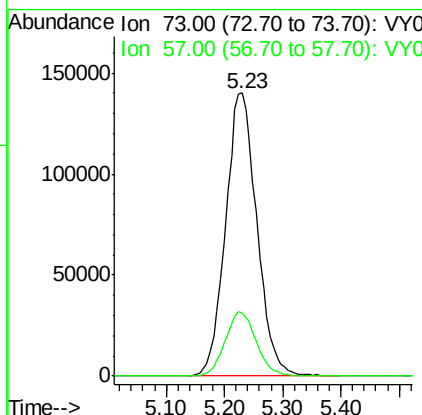
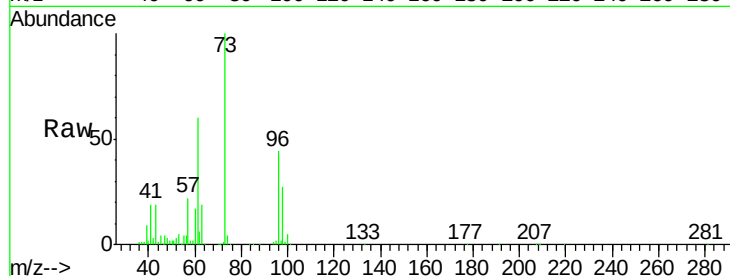




#19
Methyl tert-butyl Ether
Concen: 52.623 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

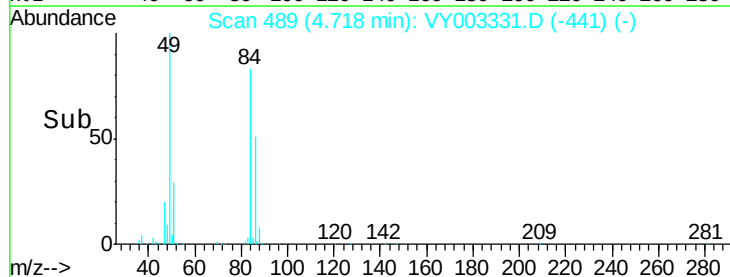
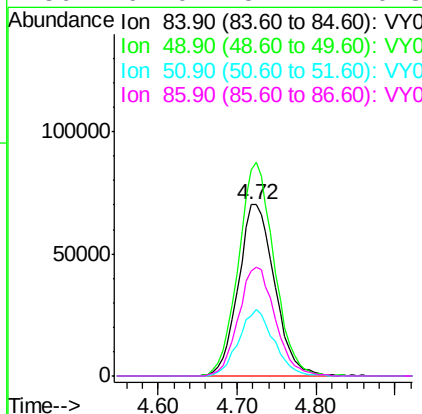
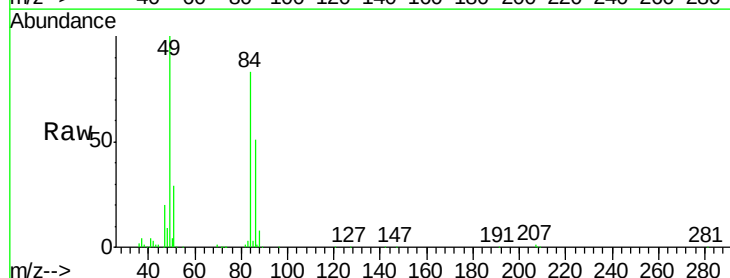
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

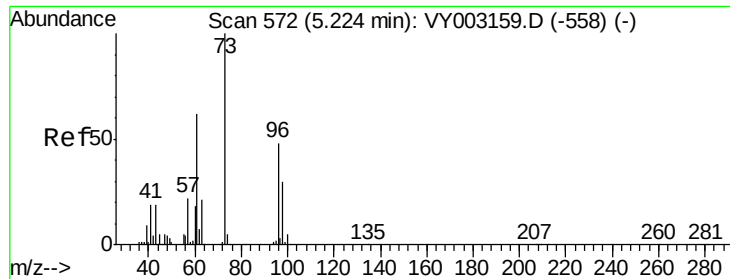
Tot Ion: 73 Resp: 520141
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1



#20
Methylene Chloride
Concen: 56.561 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 84 Resp: 224516
Ion Ratio Lower Upper
84 100
49 120.3 98.2 147.4
51 35.3 29.8 44.6
86 61.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 48.601 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

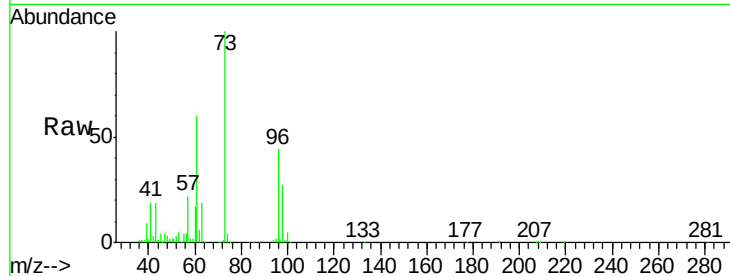
Tot Ion: 96 Resp: 193890

Ion Ratio Lower Upper

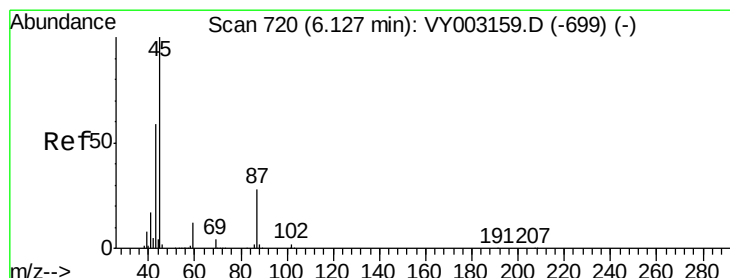
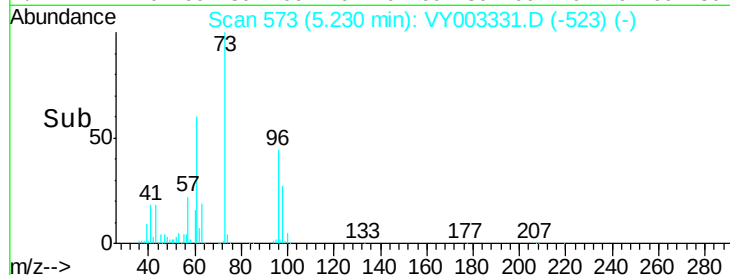
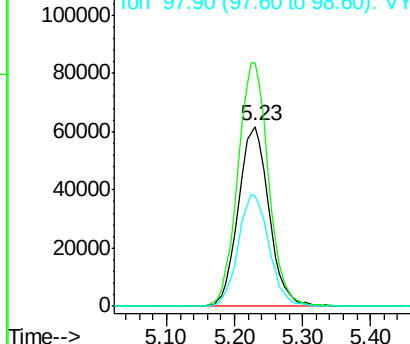
96 100

61 135.5 102.5 153.7

98 61.2 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: 54.853 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Tgt Ion: 45 Resp: 637143

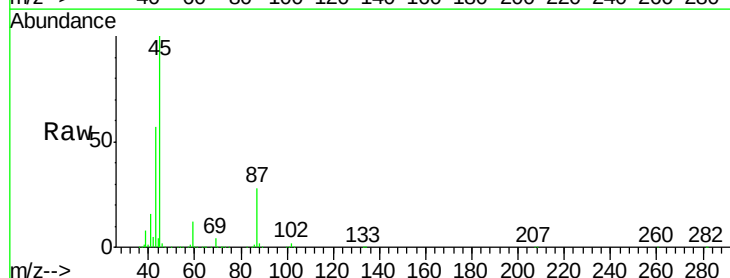
Ion Ratio Lower Upper

45 100

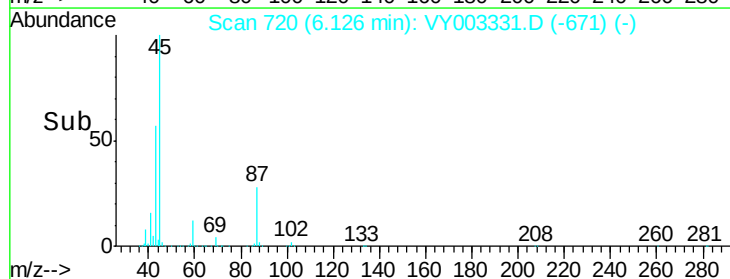
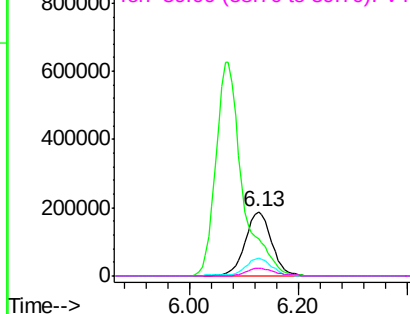
43 57.2 47.0 70.4

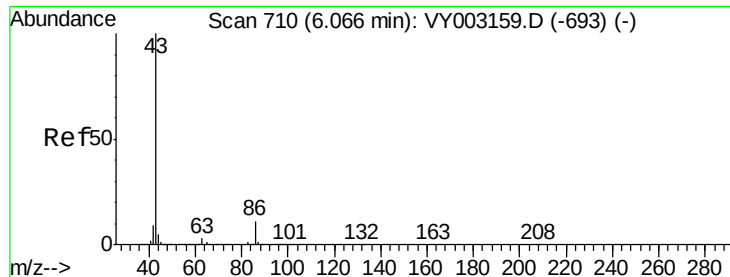
87 28.4 22.6 33.8

59 12.5 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: 272.030 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

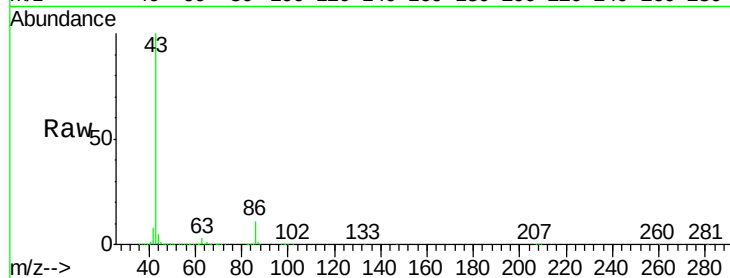
VSTDCCC050EC

Tot Ion: 43 Resp: 2106051

Ion Ratio Lower Upper

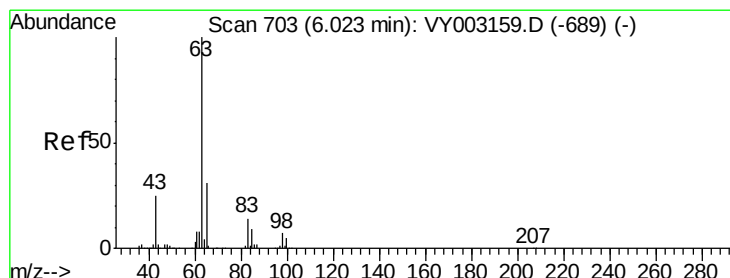
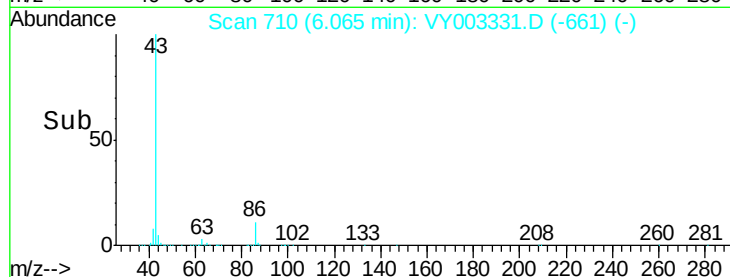
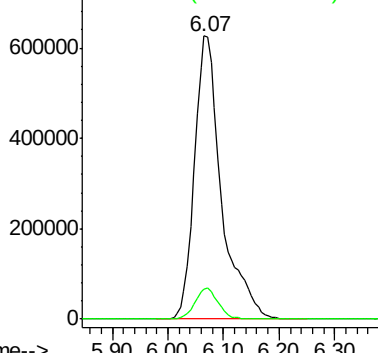
43 100

86 10.7 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 52.488 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

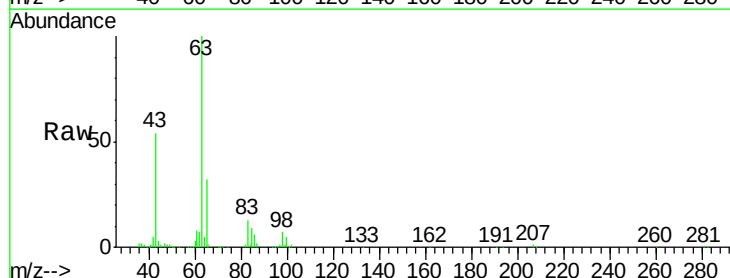
Tgt Ion: 63 Resp: 353213

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

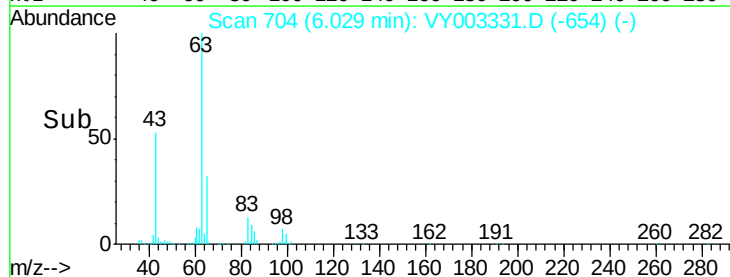
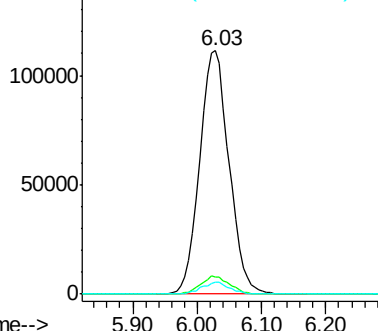
100 4.8 2.4 7.2

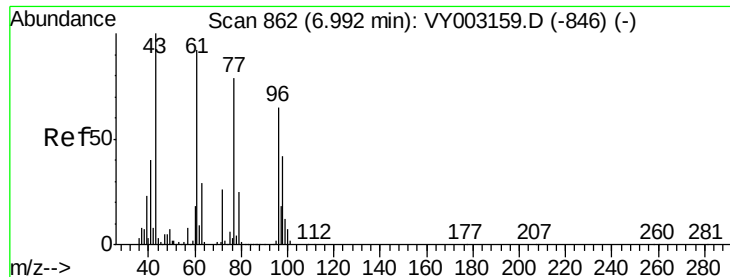


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

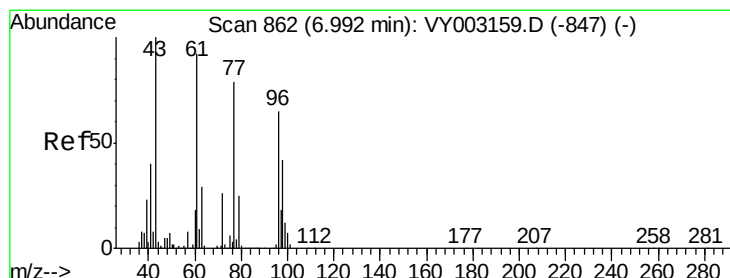
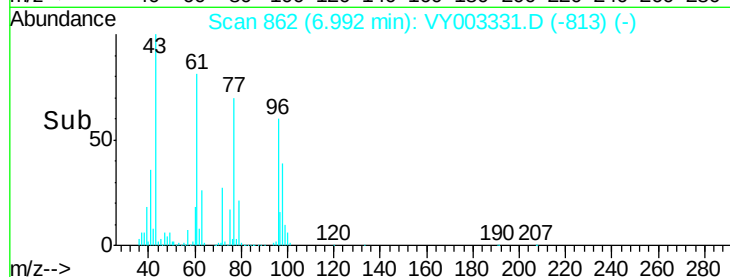
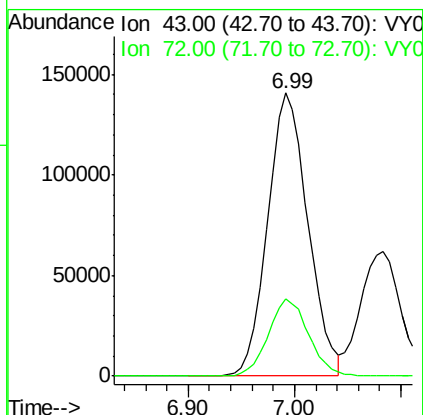
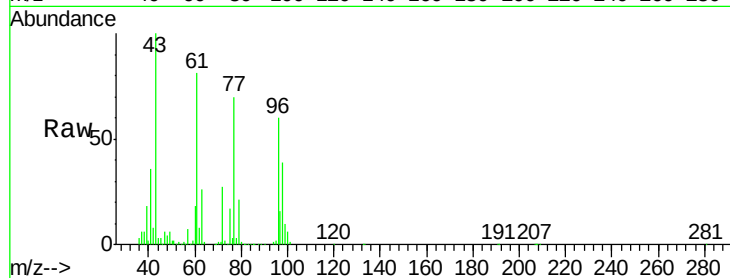




#25
2-Butanone
Concen: 282.144 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

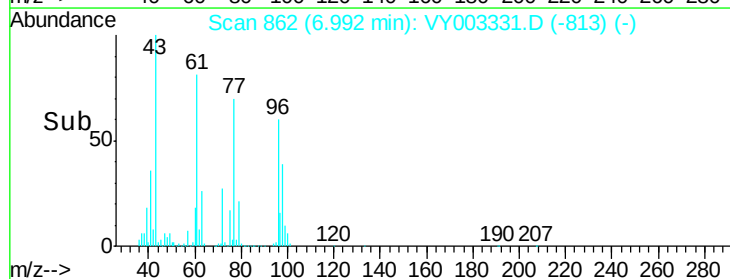
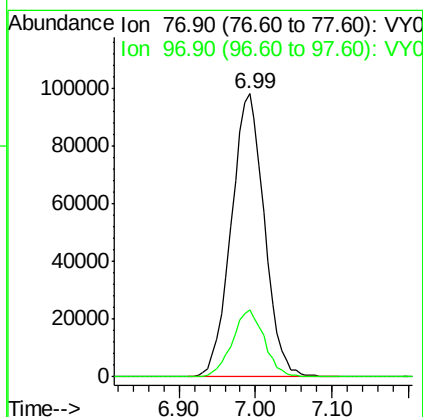
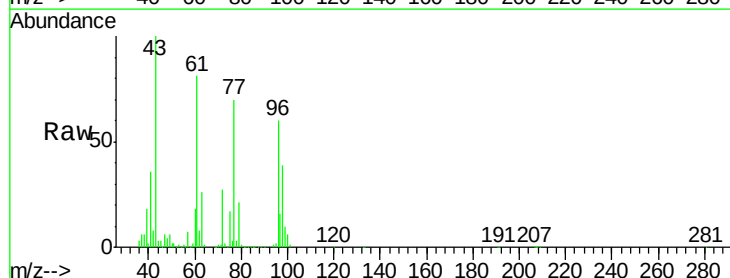
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

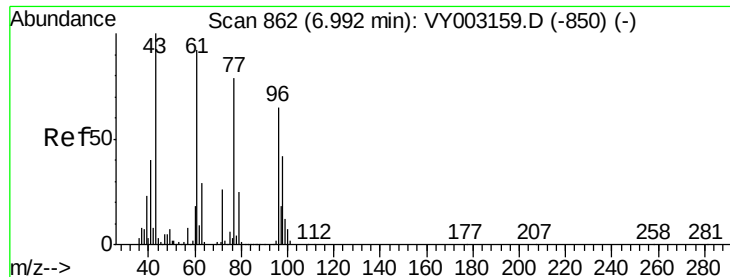
Tot Ion: 43 Resp: 370197
Ion Ratio Lower Upper
43 100
72 27.3 20.9 31.3



#26
2,2-Dichloropropane
Concen: 48.409 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 77 Resp: 293376
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.7



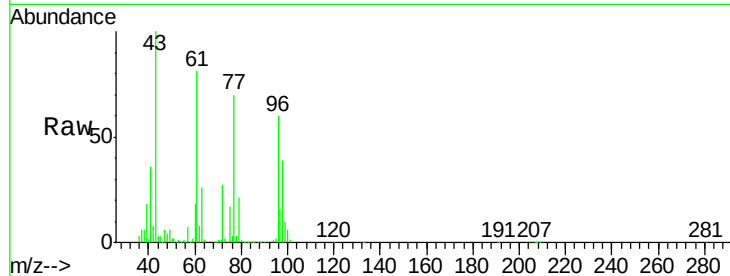


#27

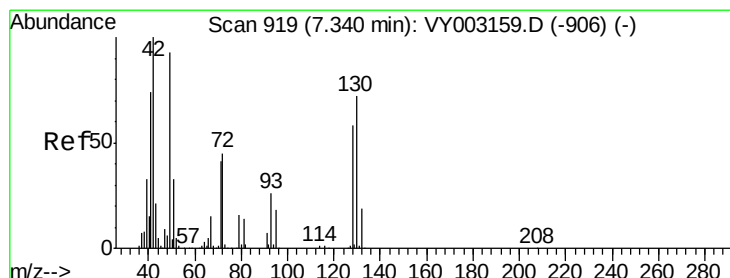
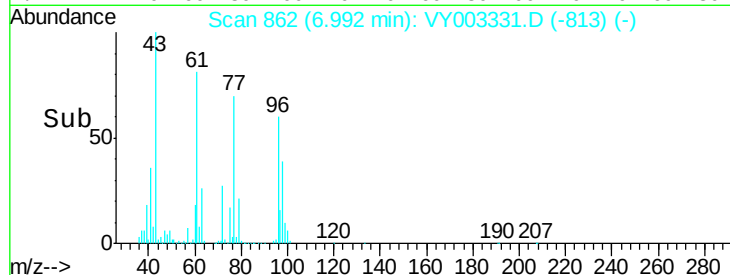
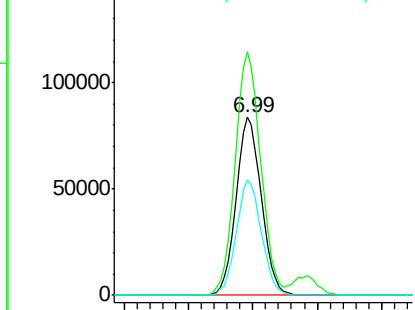
cis-1,2-Dichloroethene
 Concen: 51.745 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	281.2
98	64.3	0.0	129.8



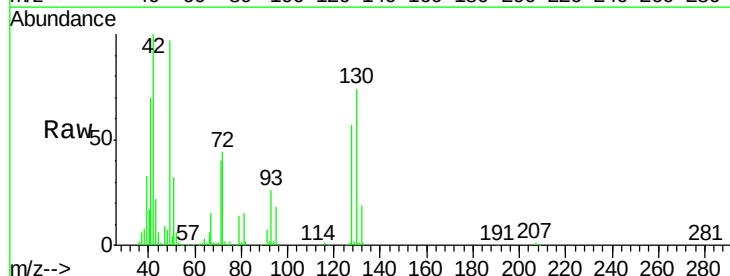
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



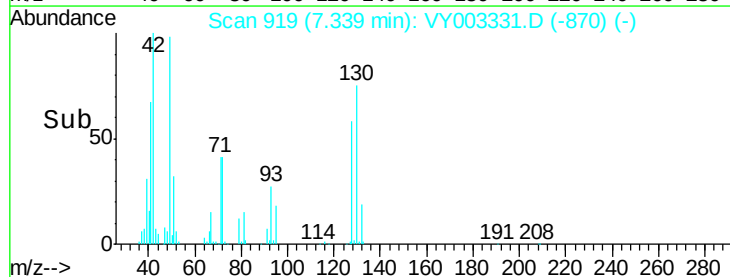
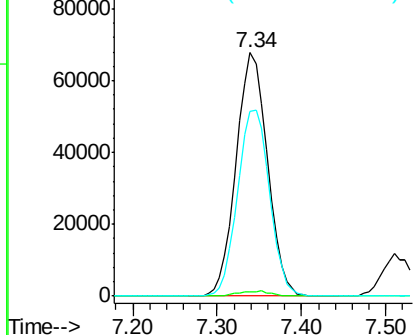
#28

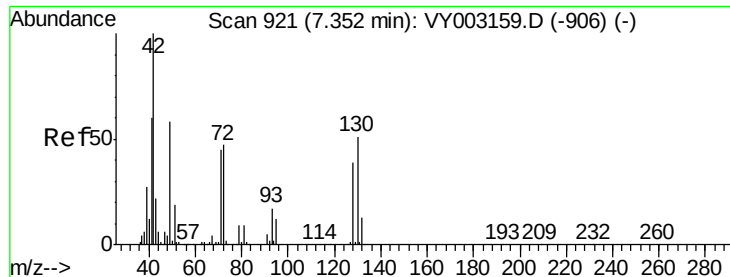
Bromochloromethane
 Concen: 58.487 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	78.0	64.9	97.3



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





#29

Tetrahydrofuran

Concen: 284.292 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

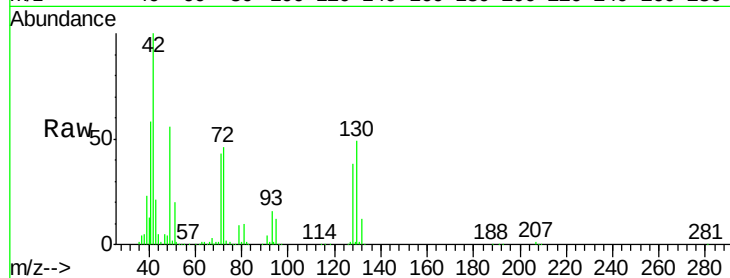
Tot Ion: 42 Resp: 250586

Ion Ratio Lower Upper

42 100

72 44.2 36.7 55.1

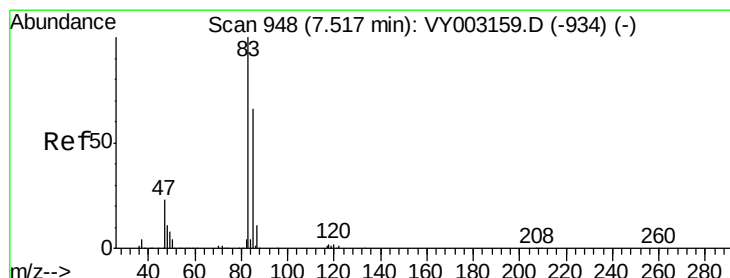
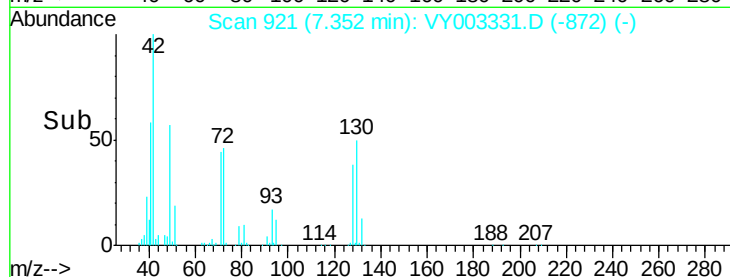
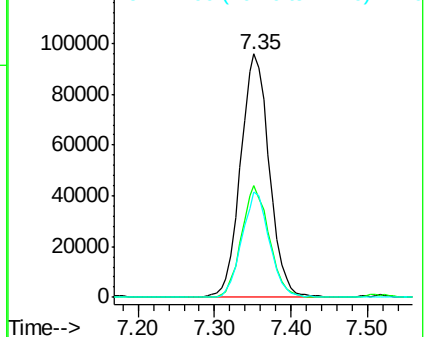
71 41.7 34.2 51.4



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: 52.365 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003331.D

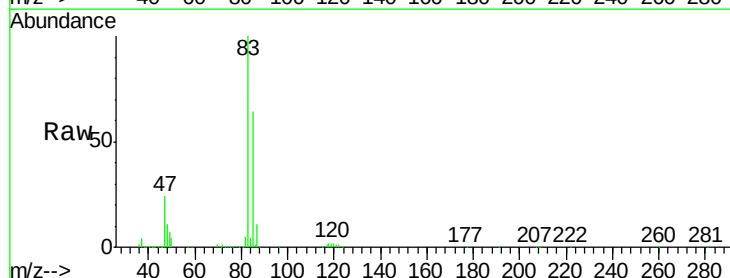
Acq: 23 Jul 2020 21:09

Tgt Ion: 83 Resp: 362935

Ion Ratio Lower Upper

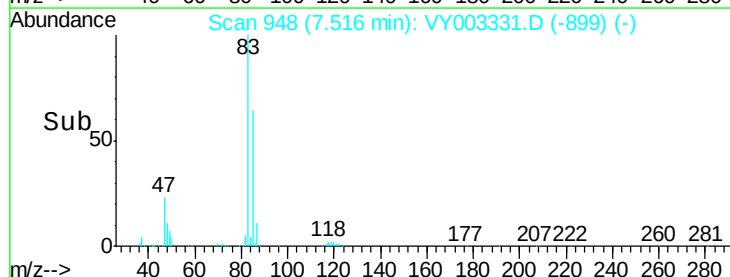
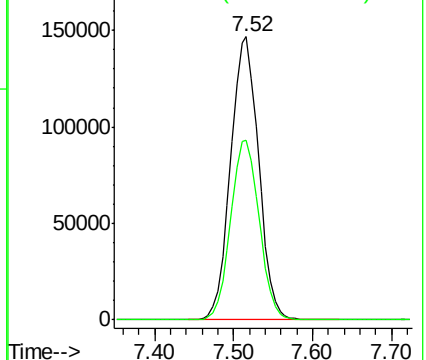
83 100

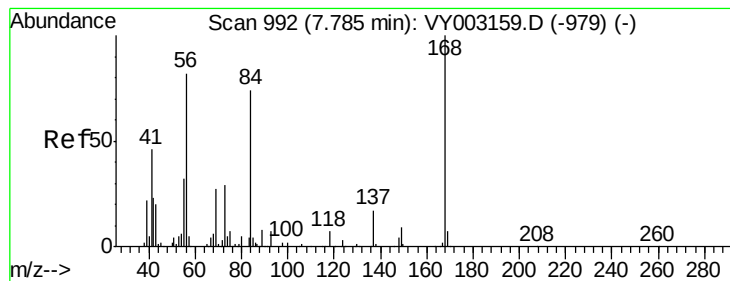
85 63.6 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 45.860 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

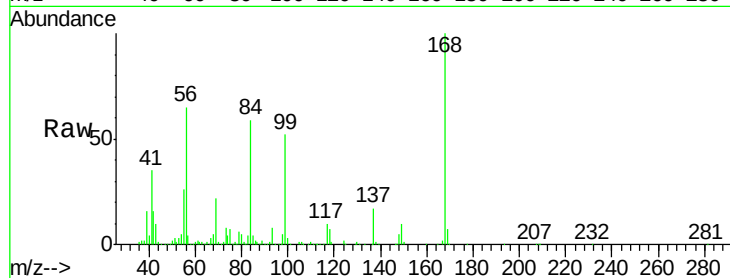
Tot Ion: 56 Resp: 298423

Ion Ratio Lower Upper

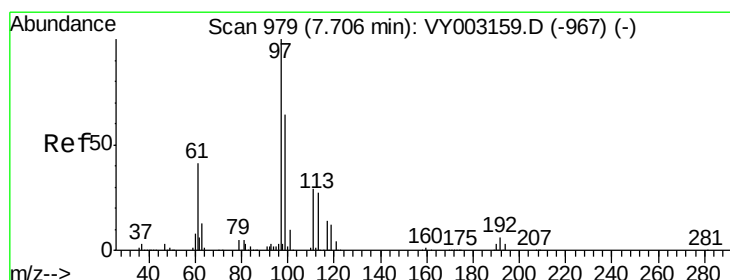
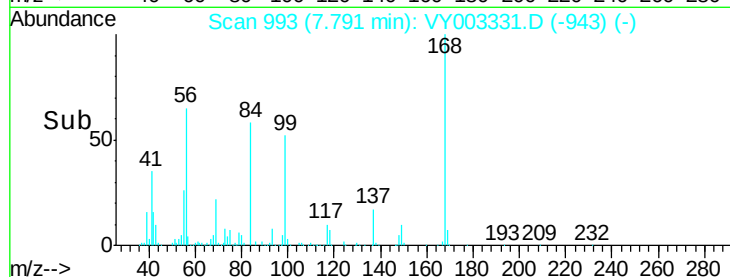
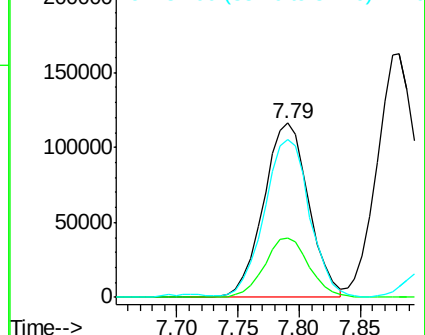
56 100

69 34.0 26.7 40.1

84 88.9 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: 50.532 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

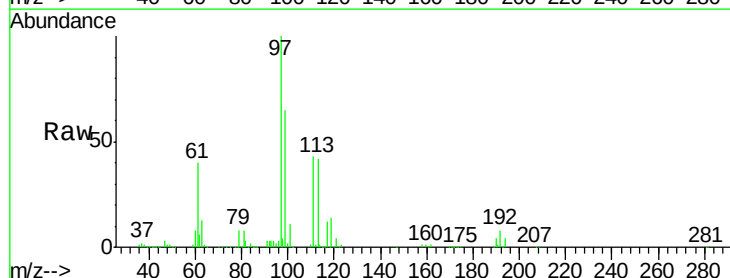
Tgt Ion: 97 Resp: 315296

Ion Ratio Lower Upper

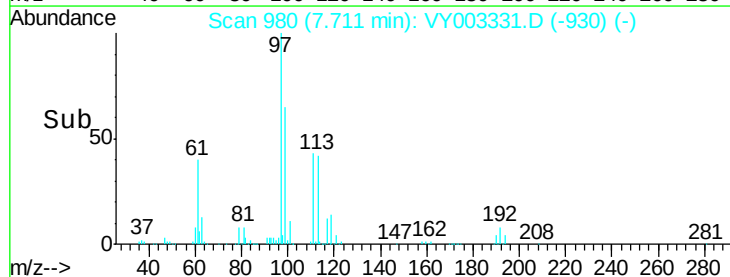
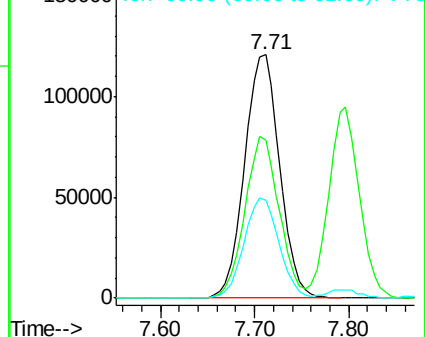
97 100

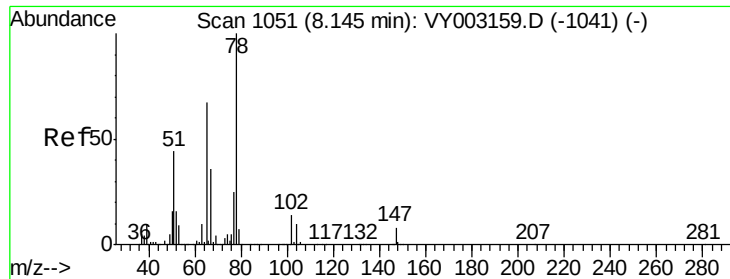
99 64.9 52.1 78.1

61 40.9 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

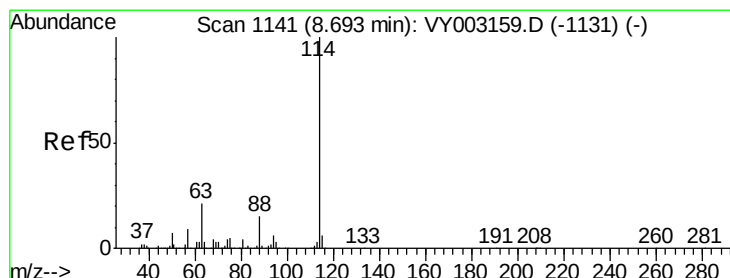
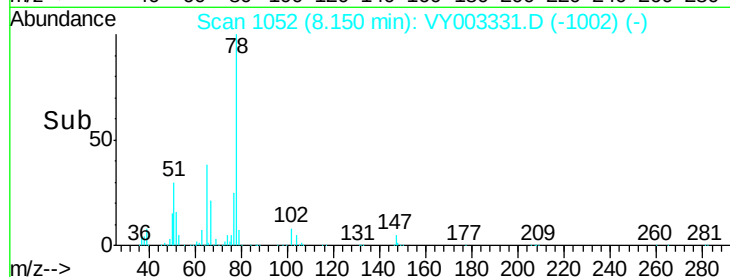
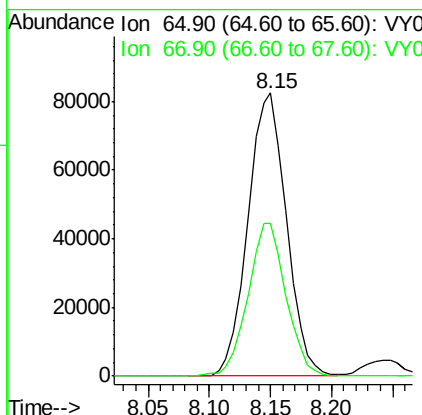
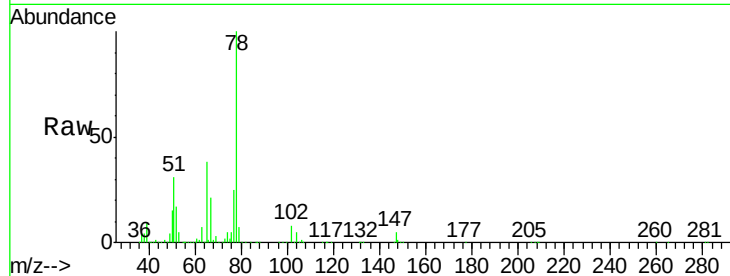




#33
 1,2-Dichloroethane-d4
 Concen: 50.459 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

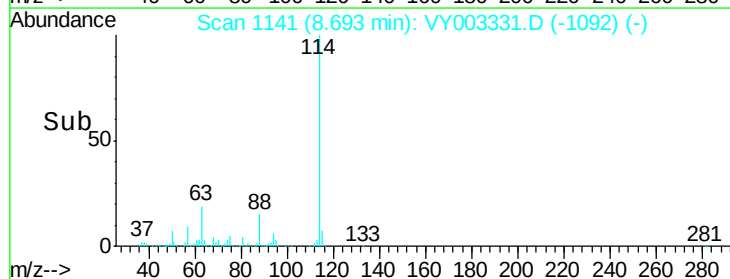
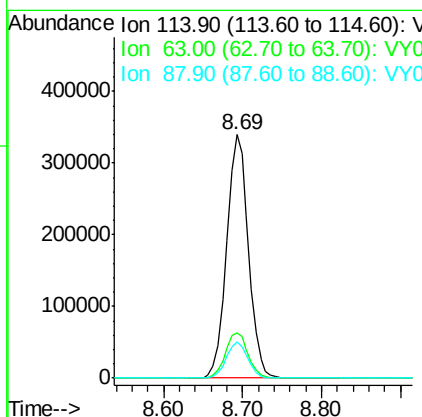
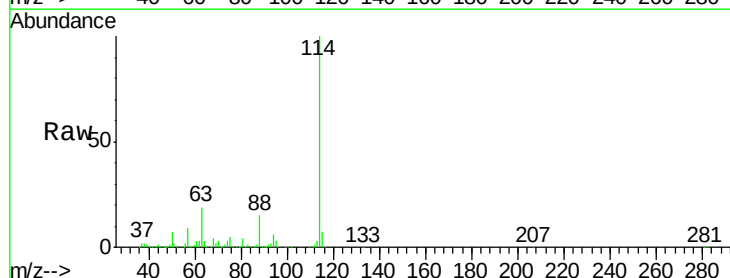
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

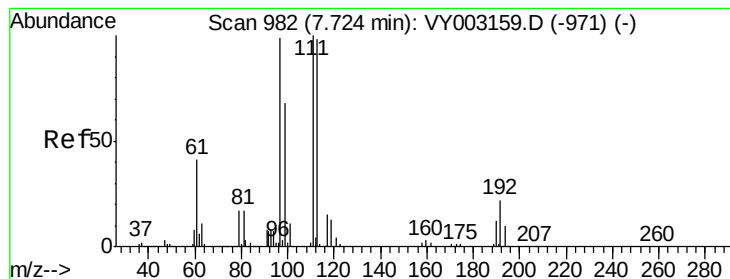
Tot Ion: 65 Resp: 180521
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion: 114 Resp: 648077
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 41.2
 88 14.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.011 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

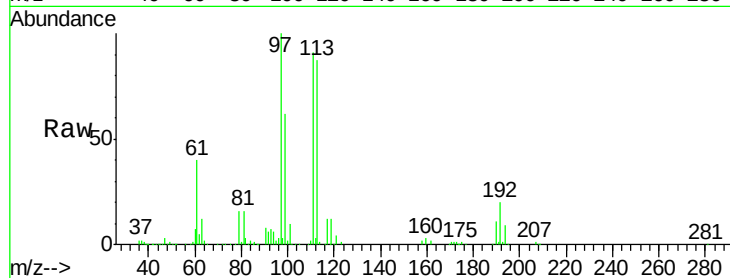
Tot Ion:113 Resp: 171599

Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

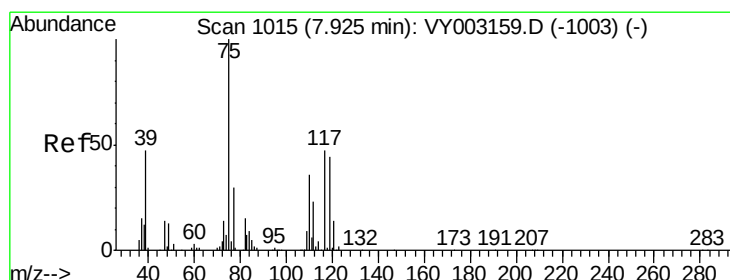
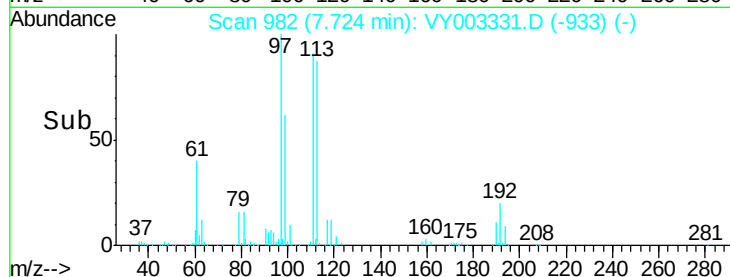
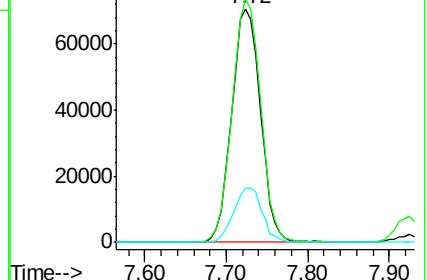
192 23.1 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.876 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

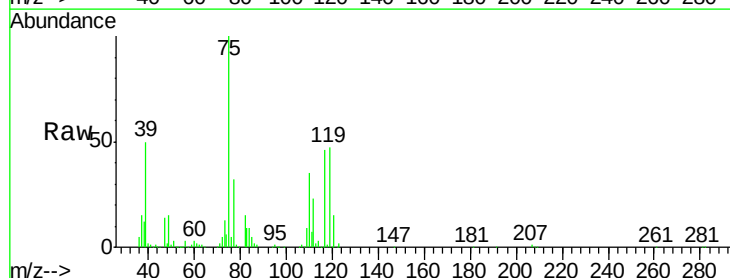
Tgt Ion: 75 Resp: 269462

Ion Ratio Lower Upper

75 100

110 35.5 18.1 54.1

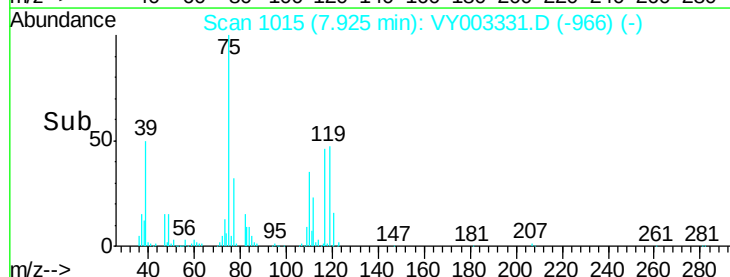
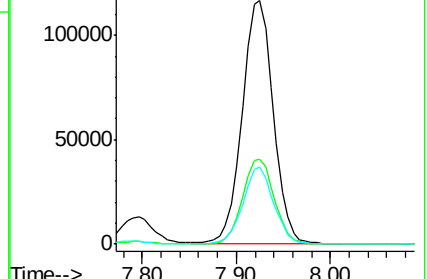
77 31.4 24.8 37.2

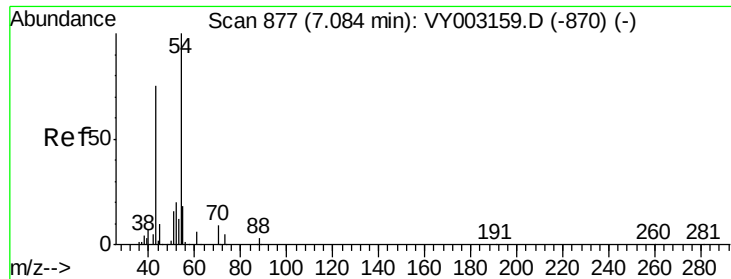


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

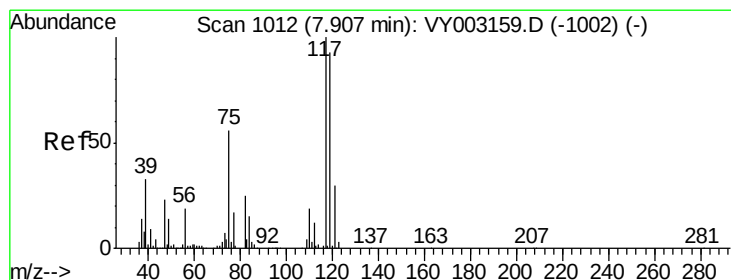
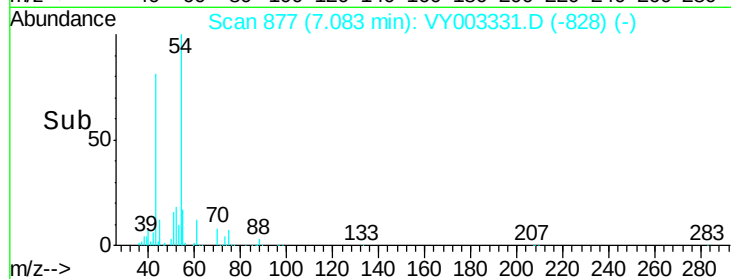
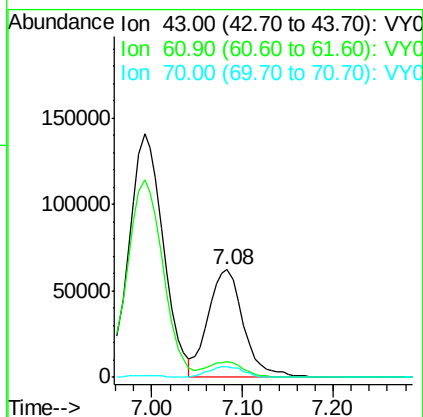
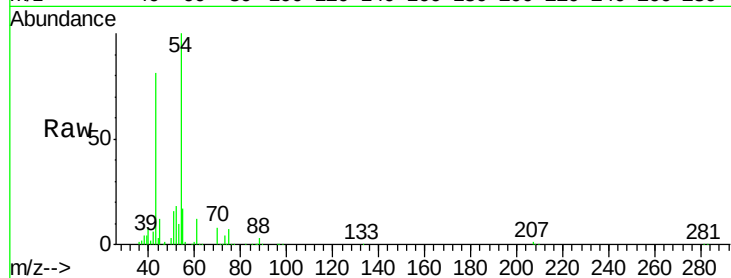




#37
Ethyl Acetate
Concen: 53.663 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

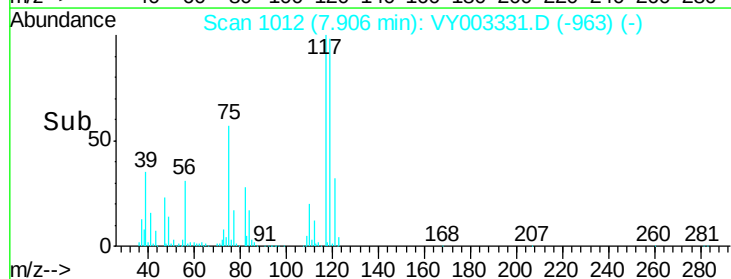
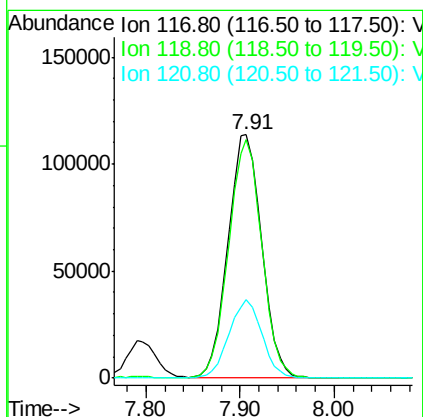
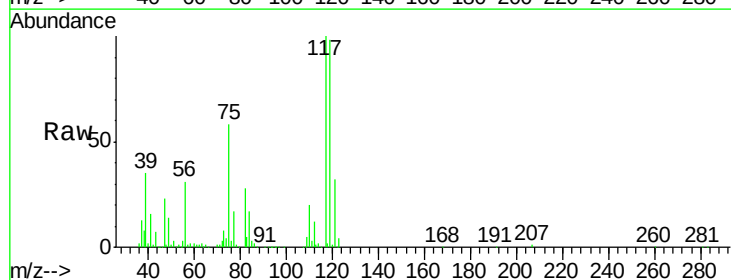
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

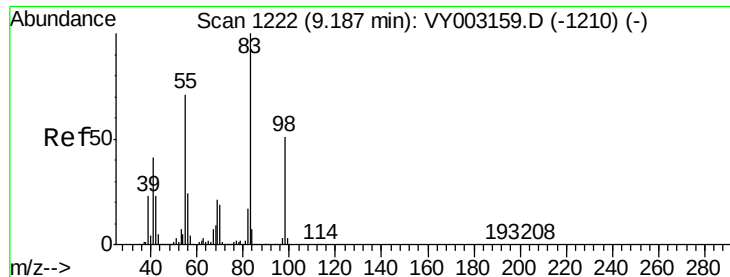
Tot Ion: 43 Resp: 169746
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 9.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 46.806 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 117 Resp: 283820
Ion Ratio Lower Upper
117 100
119 97.8 74.5 111.7
121 32.5 24.2 36.2

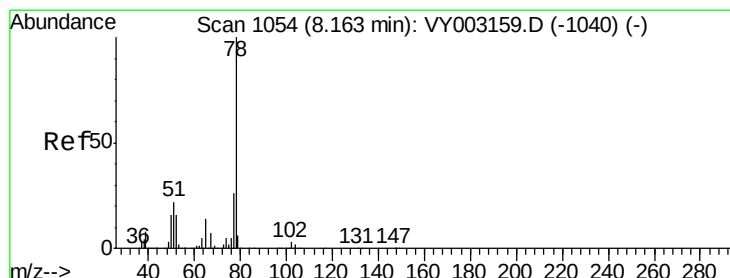
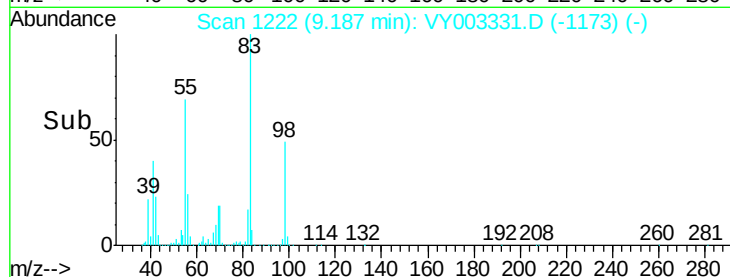
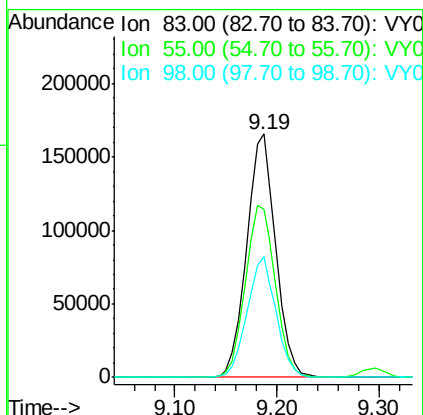
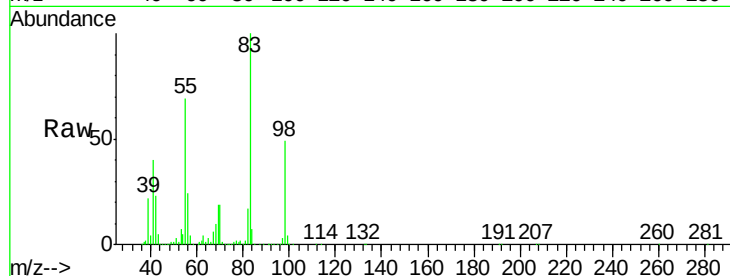




#39
Methylvlcyclohexane
Concen: 44.522 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

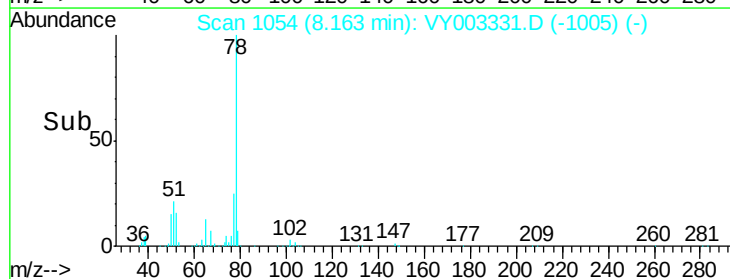
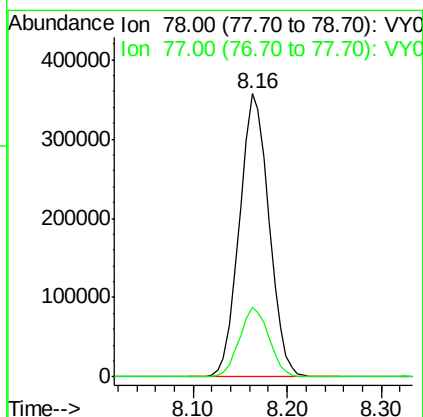
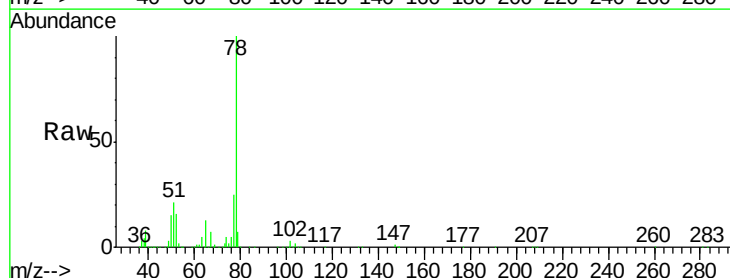
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

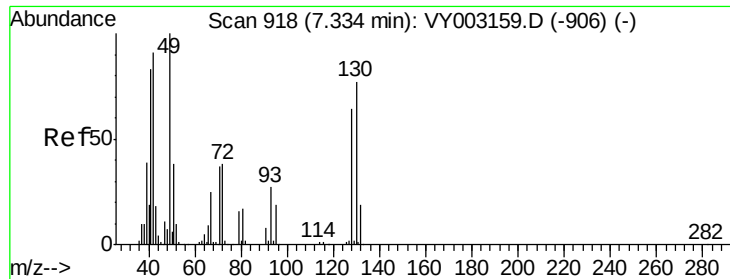
Tot Ion: 83 Resp: 328512
Ion Ratio Lower Upper
83 100
55 69.1 57.2 85.8
98 49.4 41.0 61.6



#40
Benzene
Concen: 48.203 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 78 Resp: 779601
Ion Ratio Lower Upper
78 100
77 24.7 20.7 31.1

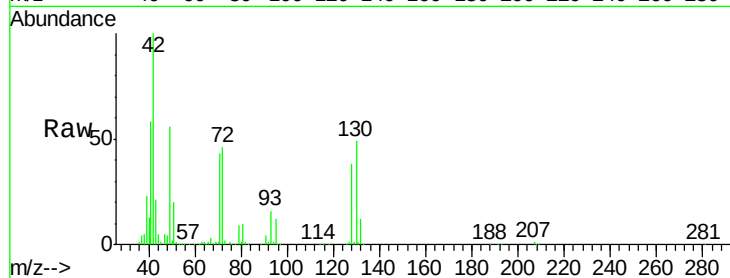




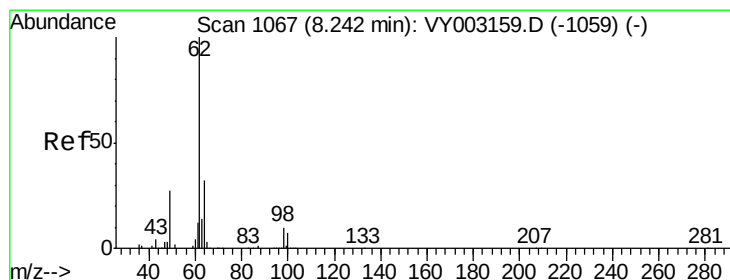
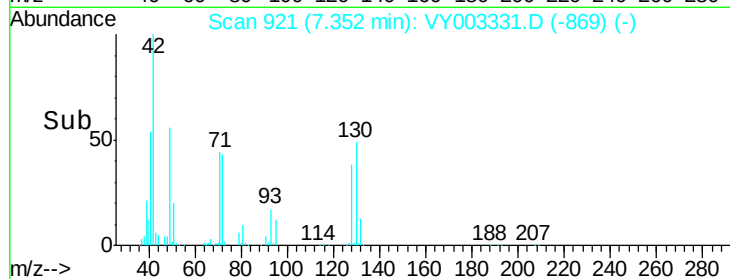
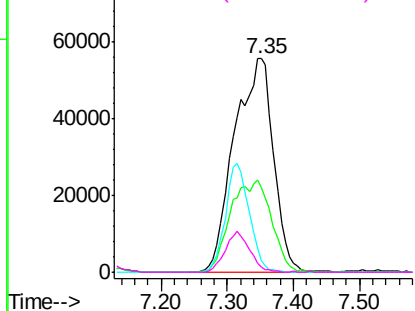
#41
Methacrylonitrile
Concen: 120.541 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	229641
Ion	Ratio	Lower	Upper
41	100		
39	44.9	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

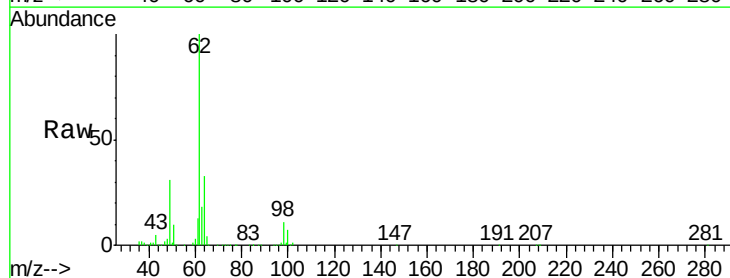


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

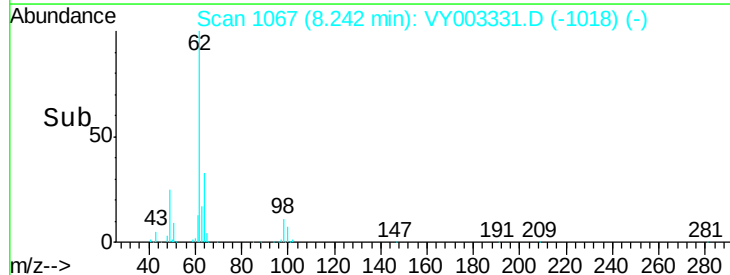
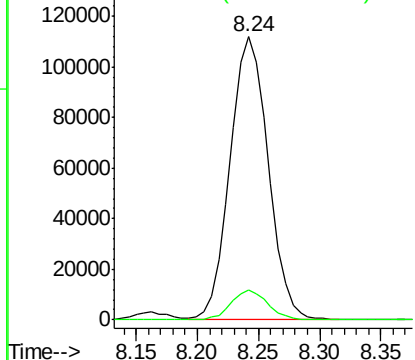


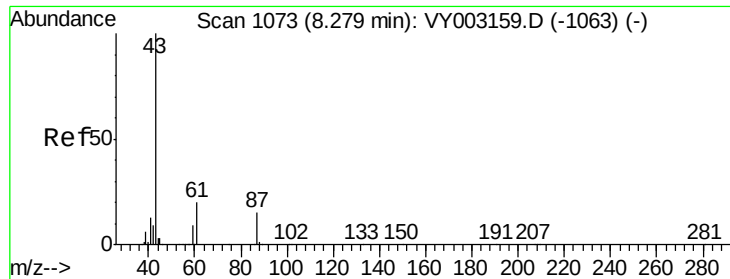
#42
1,2-Dichloroethane
Concen: 48.639 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion:	62	Resp:	242176
Ion	Ratio	Lower	Upper
62	100		
98	10.1	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: 52.047 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

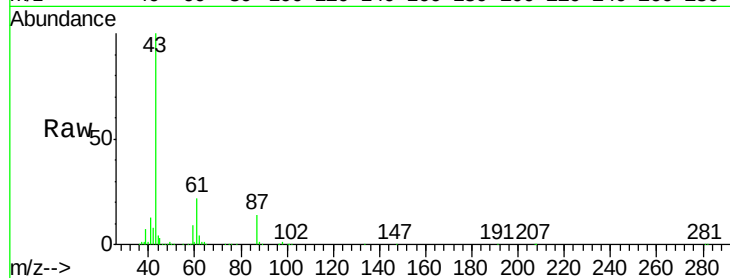
Tot Ion: 43 Resp: 318673

Ion Ratio Lower Upper

43 100

61 29.4 23.7 35.5

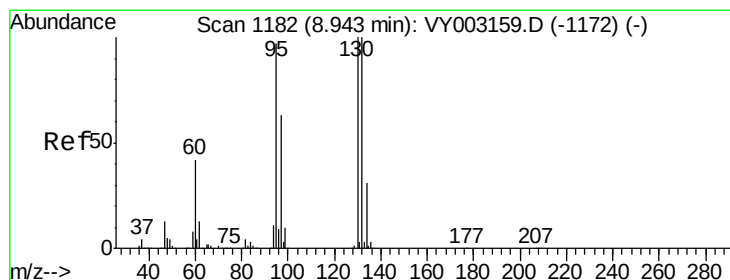
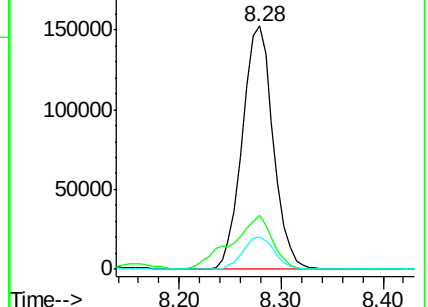
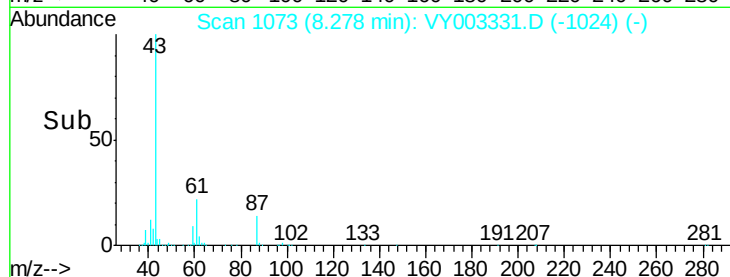
87 13.8 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY003331.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003331.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003331.D (-1024) (-)



#44

Trichloroethene

Concen: 45.326 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003331.D

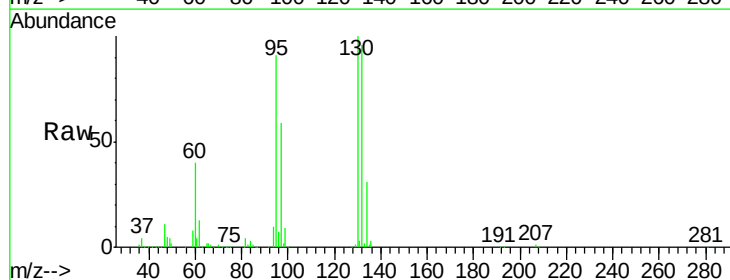
Acq: 23 Jul 2020 21:09

Tgt Ion: 130 Resp: 224725

Ion Ratio Lower Upper

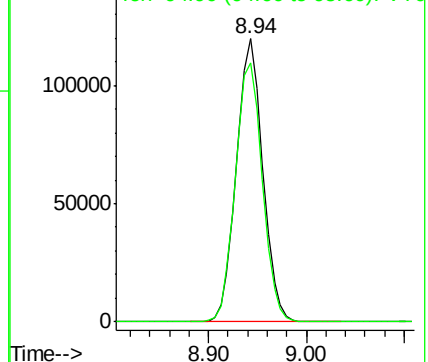
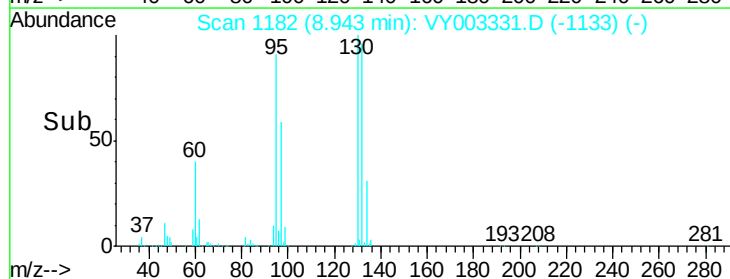
130 100

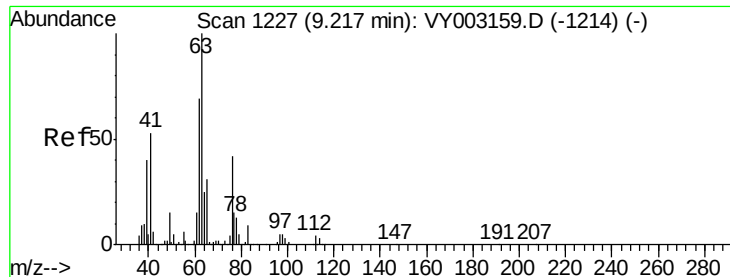
95 91.3 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VY003331.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003331.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 50.422 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

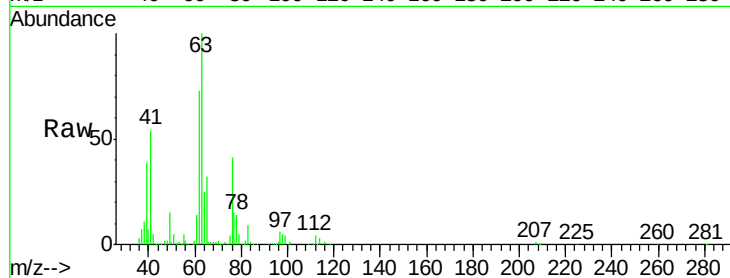
VSTDCCC050EC

Tot Ion: 63 Resp: 211011

Ion Ratio Lower Upper

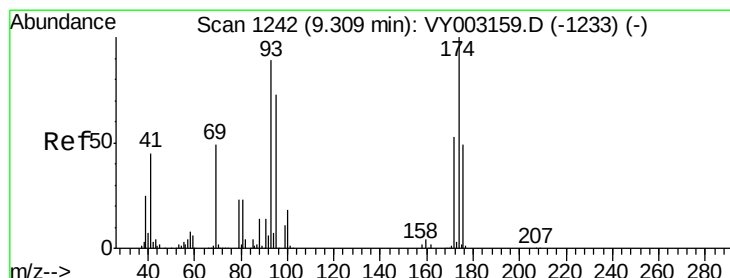
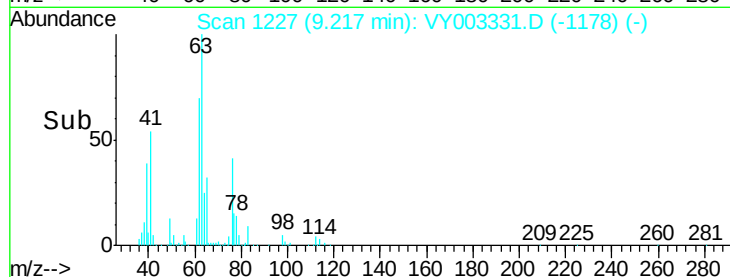
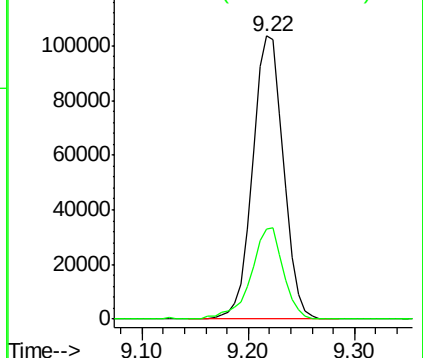
63 100

65 32.1 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 48.827 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

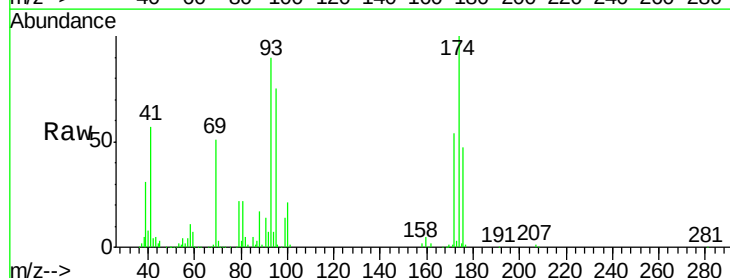
Tgt Ion: 93 Resp: 119346

Ion Ratio Lower Upper

93 100

95 83.9 66.6 99.8

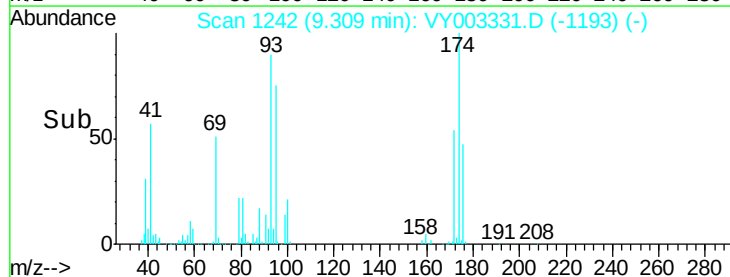
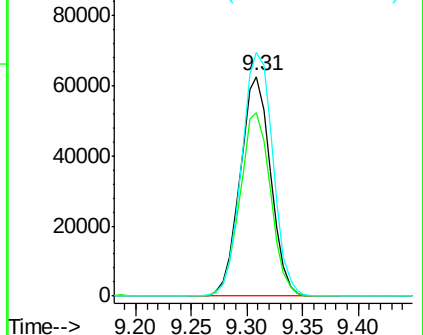
174 114.1 90.2 135.4

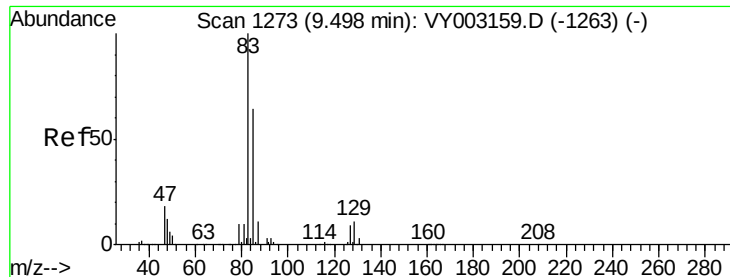


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.614 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

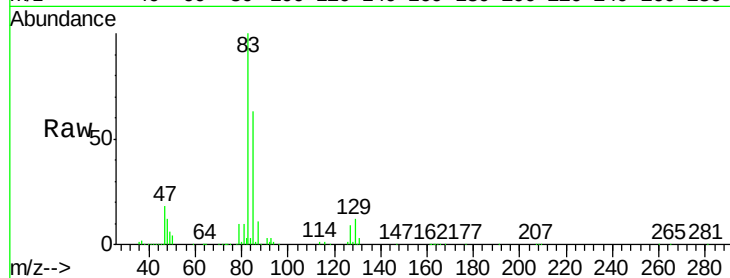
Tot Ion: 83 Resp: 294230

Ion Ratio Lower Upper

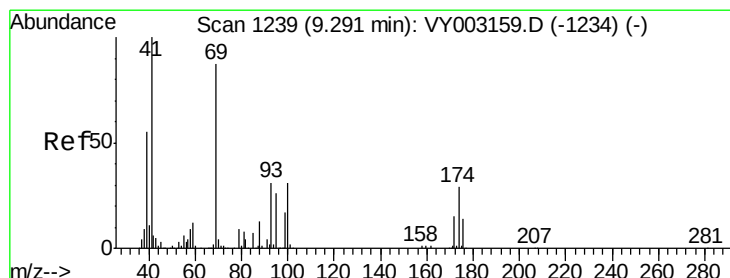
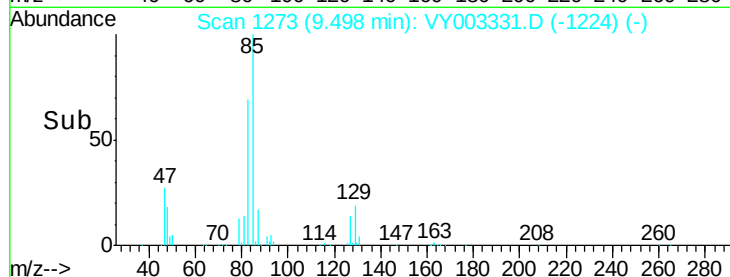
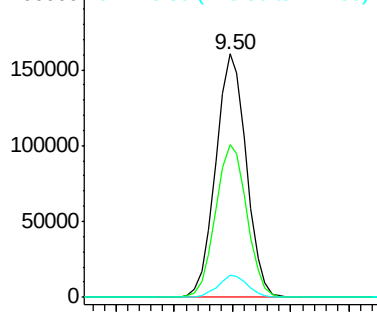
83 100

85 63.0 50.9 76.3

127 9.0 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: 52.806 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

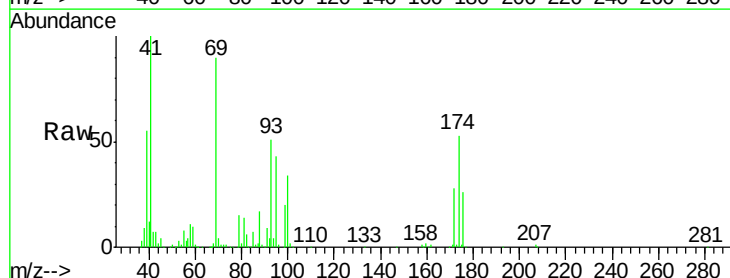
Tgt Ion: 41 Resp: 144542

Ion Ratio Lower Upper

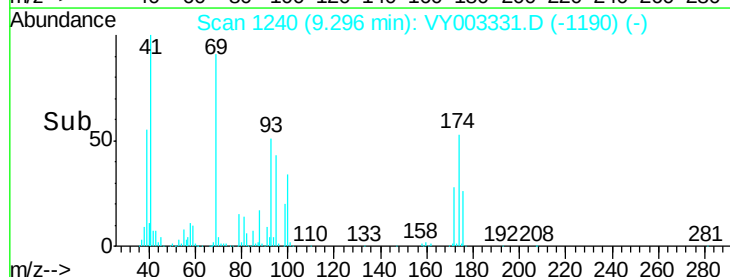
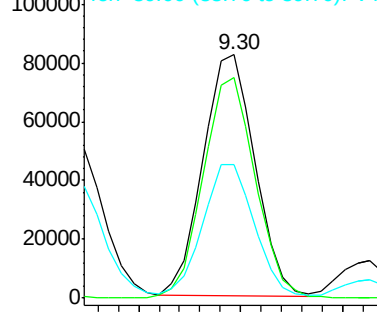
41 100

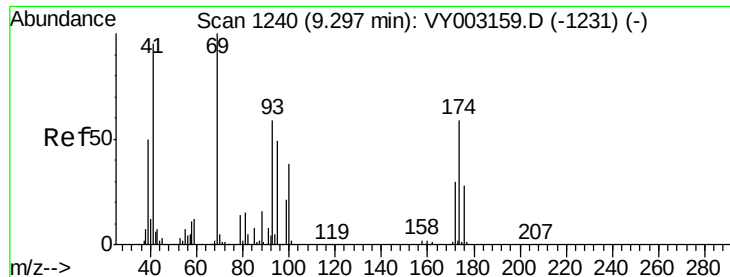
69 92.2 74.5 111.7

39 56.3 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

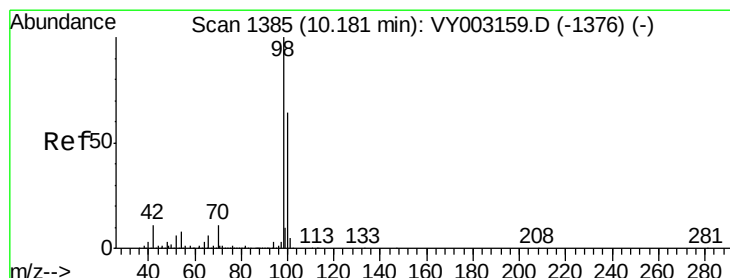
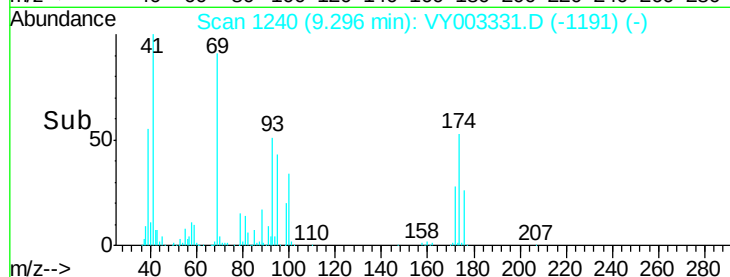
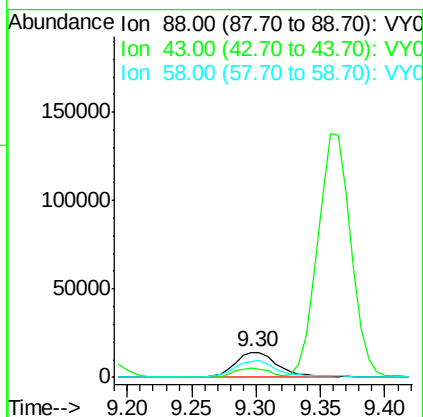
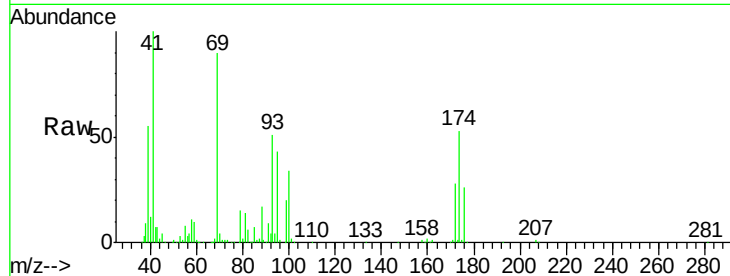




#49
1,4-Dioxane
Concen: 1068.036 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

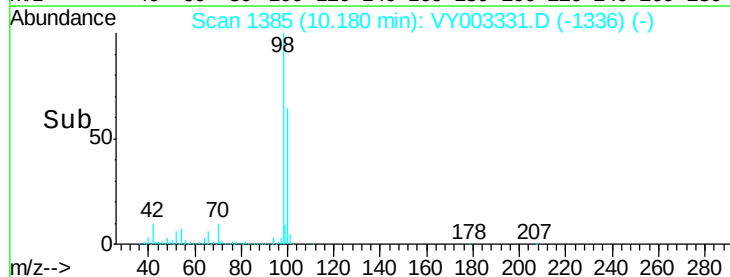
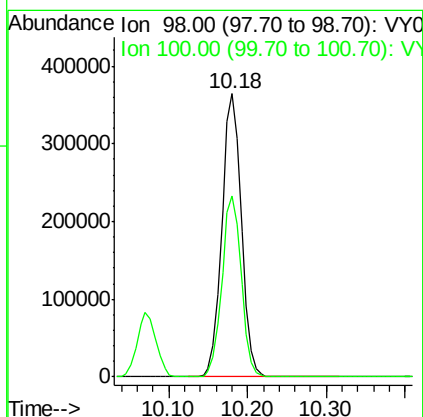
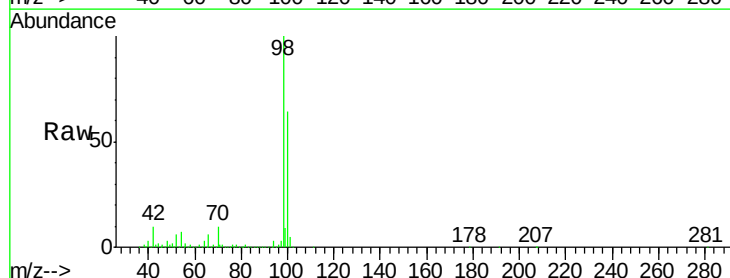
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

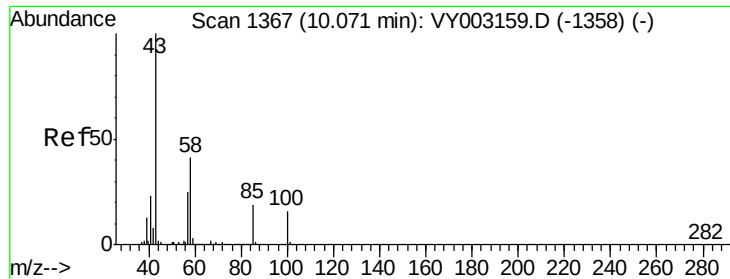
Tot Ion: 88 Resp: 33132
Ion Ratio Lower Upper
88 100
43 28.8 25.6 38.4
58 67.4 47.8 71.6



#50
Toluene-d8
Concen: 44.925 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 98 Resp: 622915
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1

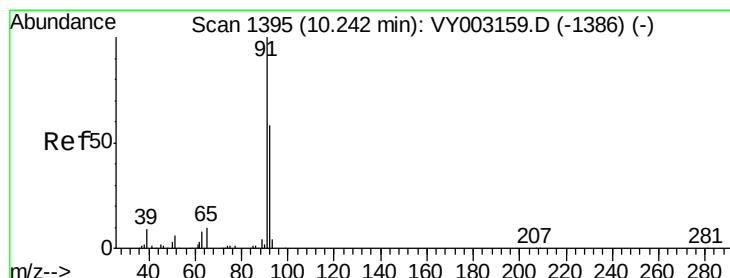
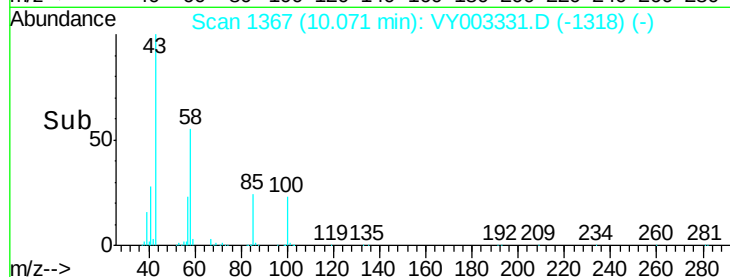
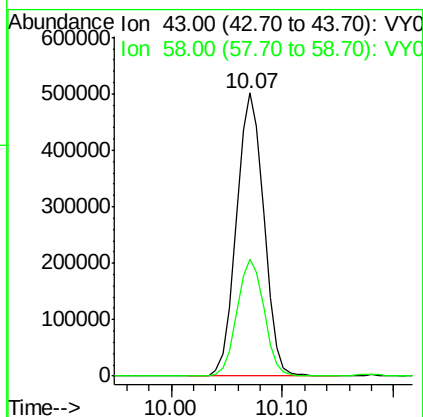
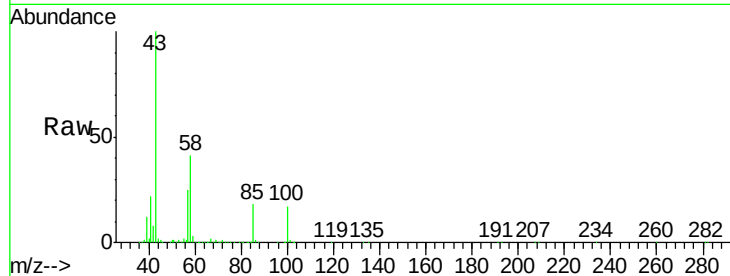




#51
4-Methyl-2-Pentanone
Concen: 266.748 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

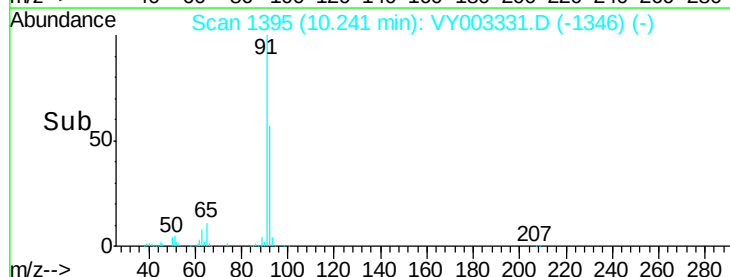
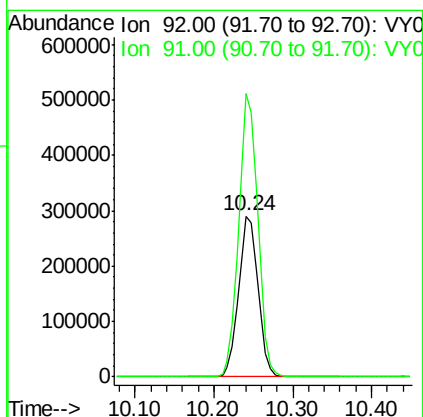
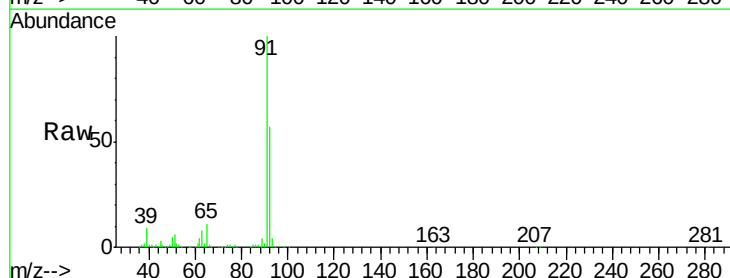
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

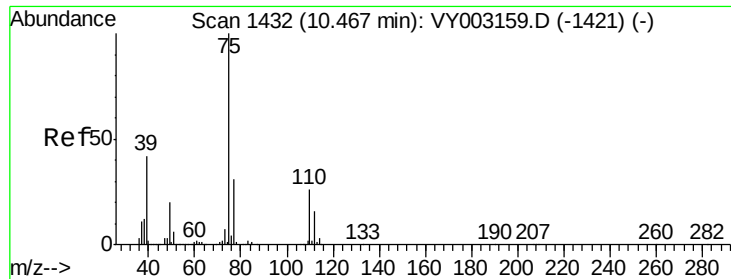
Tot Ion: 43 Resp: 848905
Ion Ratio Lower Upper
43 100
58 41.0 32.7 49.1



#52
Toluene
Concen: 47.981 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 92 Resp: 495992
Ion Ratio Lower Upper
92 100
91 174.3 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 50.518 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

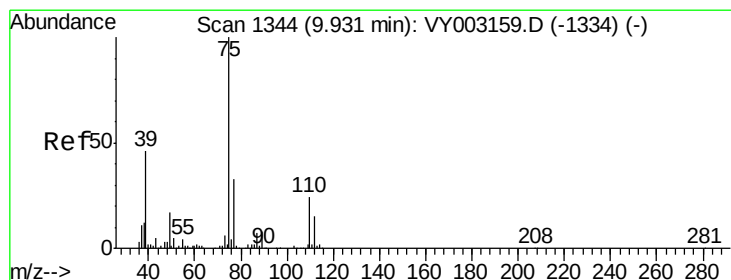
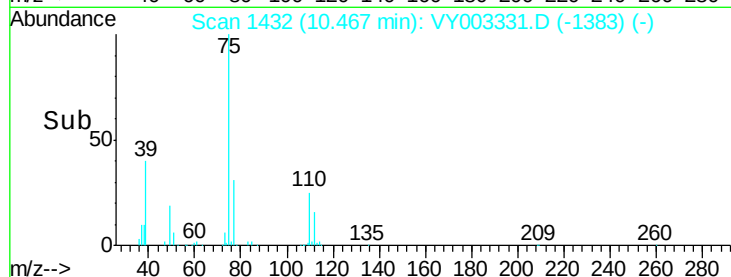
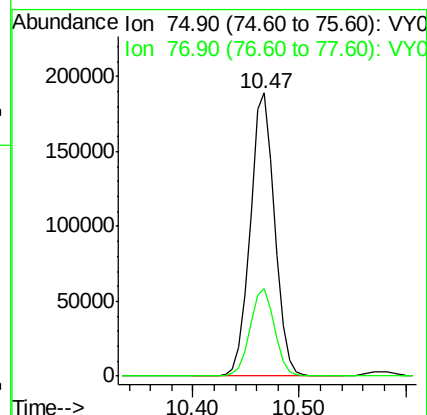
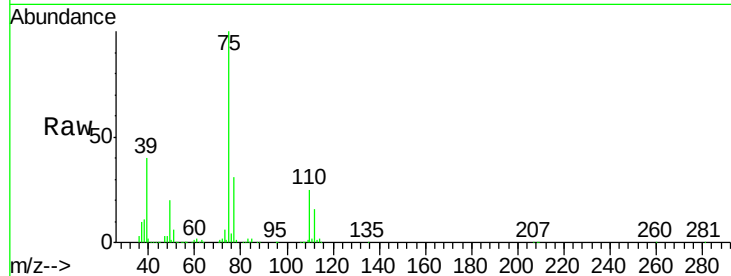
VSTDCCC050EC

Tot Ion: 75 Resp: 304268

Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 49.229 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

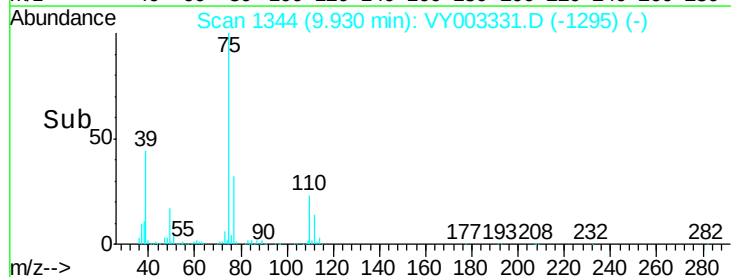
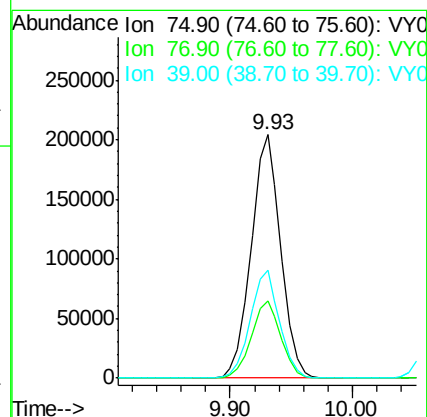
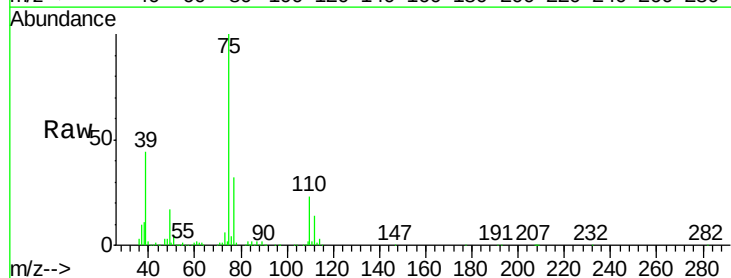
Tgt Ion: 75 Resp: 341633

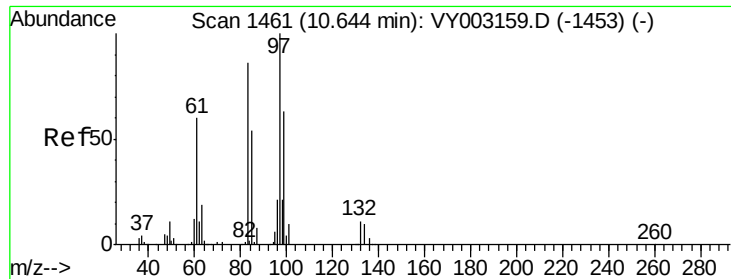
Ion Ratio Lower Upper

75 100

77 31.6 26.7 40.1

39 44.0 37.0 55.6

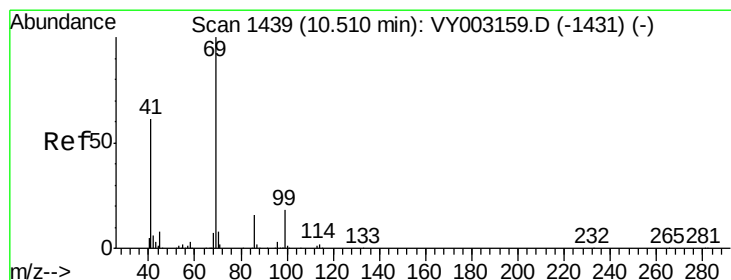
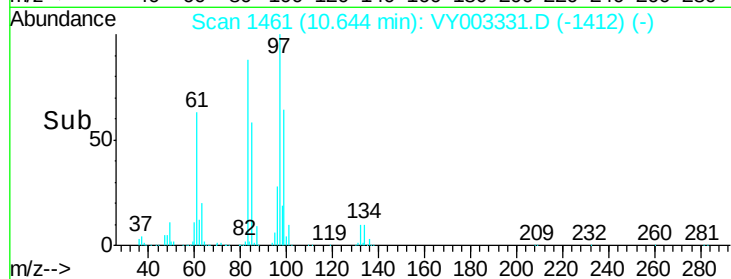
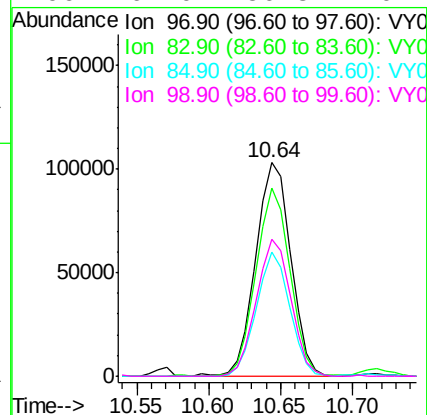
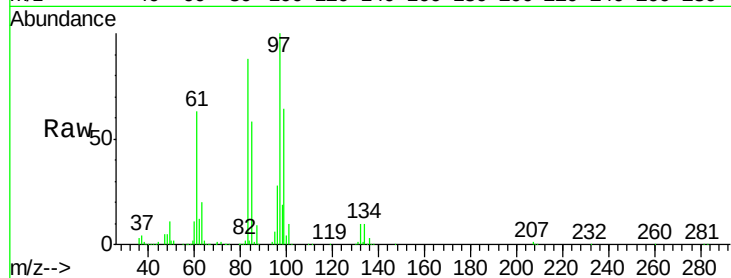




#55
 1,1,2-Trichloroethane
 Concen: 50.117 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

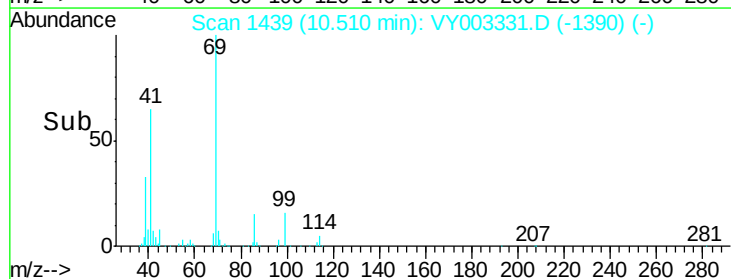
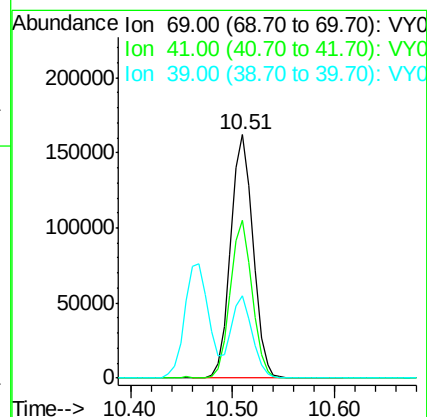
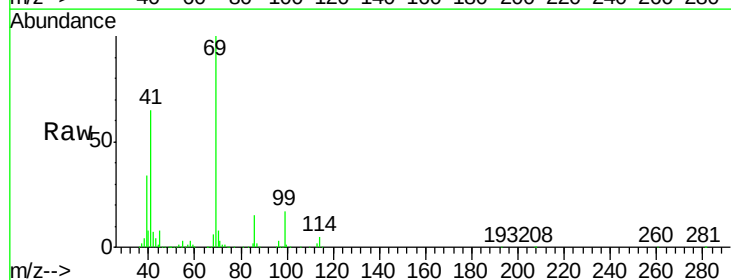
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

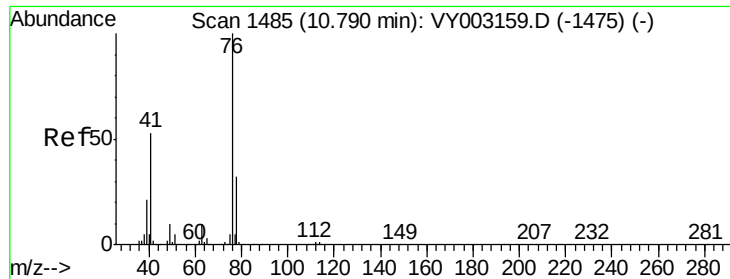
Tot Ion: 97 Resp: 173584
 Ion Ratio Lower Upper
 97 100
 83 87.9 68.8 103.2
 85 58.2 43.1 64.7
 99 64.0 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 52.230 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion: 69 Resp: 245943
 Ion Ratio Lower Upper
 69 100
 41 62.8 50.0 75.0
 39 32.9 27.6 41.4





#57

1,3-Dichloropropane

Concen: 50.695 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

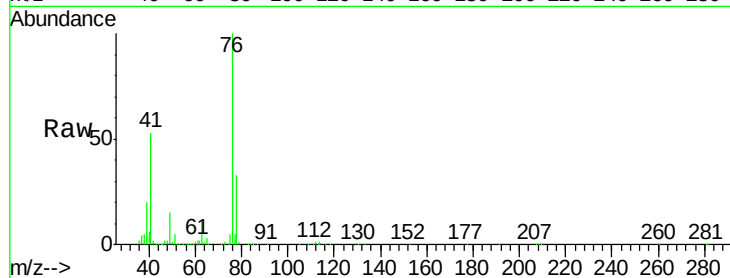
VSTDCCC050EC

Tot Ion: 76 Resp: 297719

Ion Ratio Lower Upper

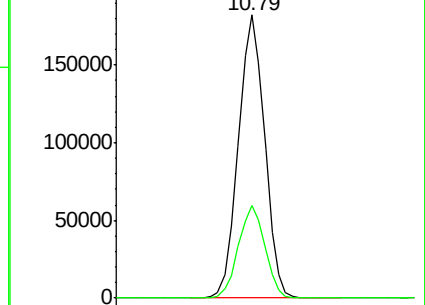
76 100

78 32.9 26.0 39.0

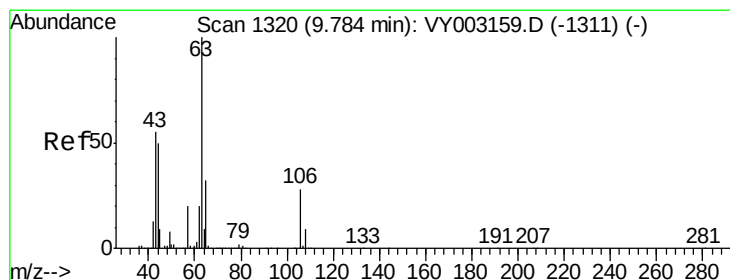
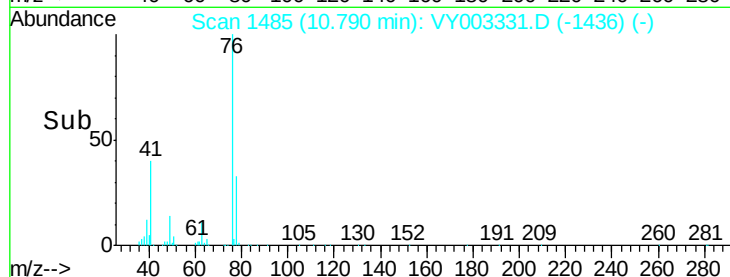


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 269.342 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003331.D

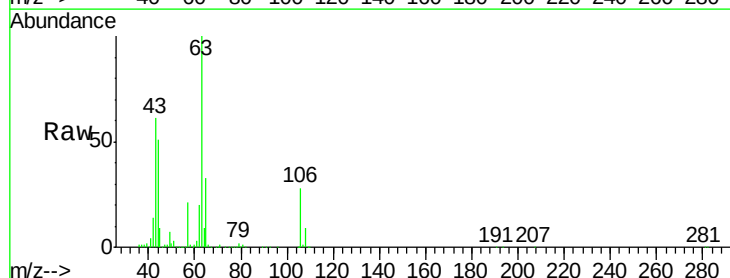
Acq: 23 Jul 2020 21:09

Tgt Ion: 63 Resp: 646829

Ion Ratio Lower Upper

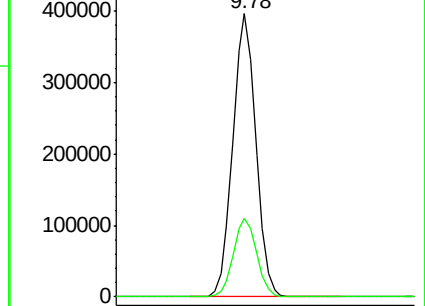
63 100

106 27.9 22.9 34.3

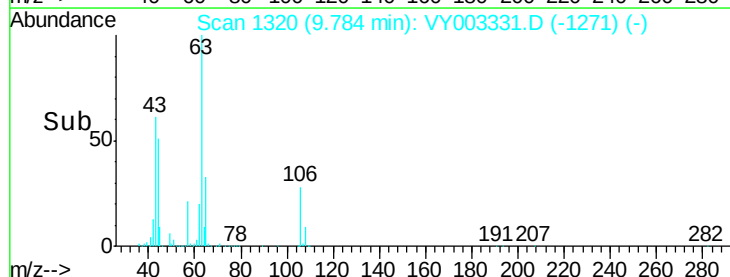


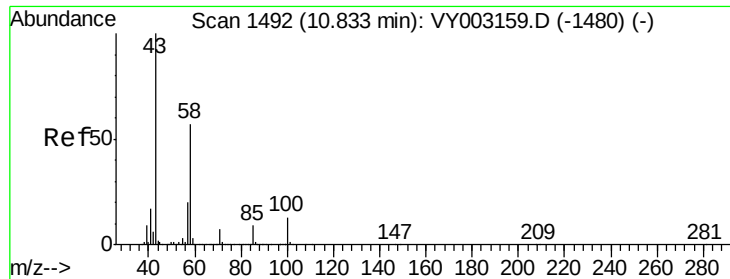
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

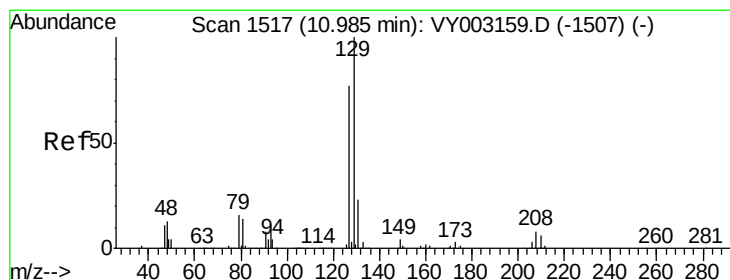
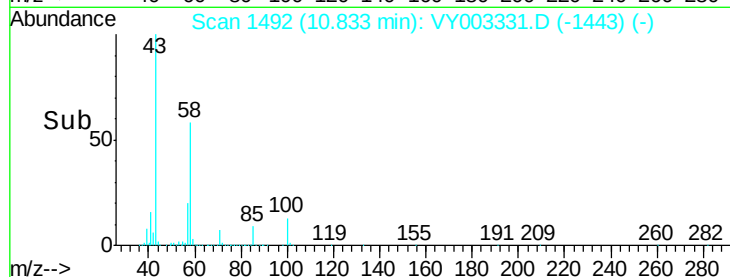
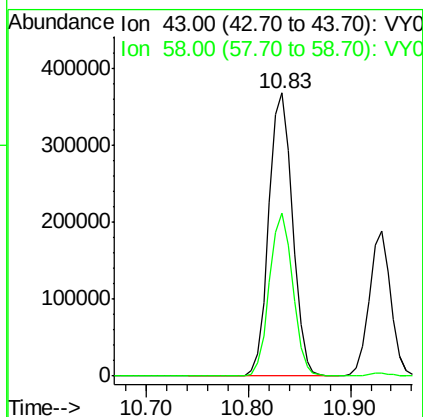
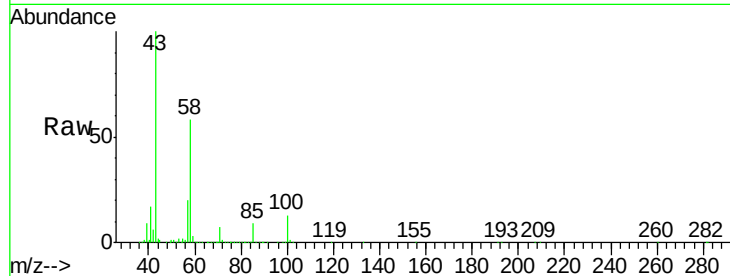




#59
2-Hexanone
Concen: 266.800 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

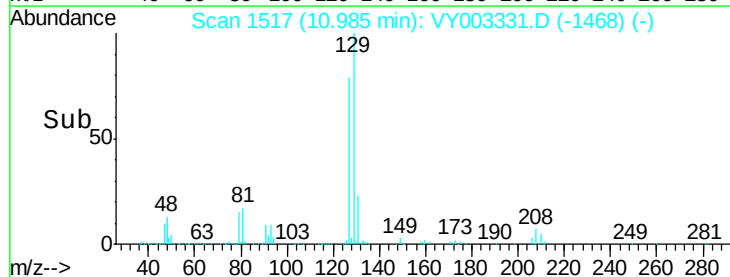
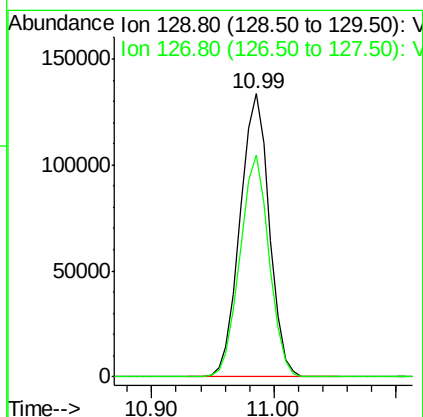
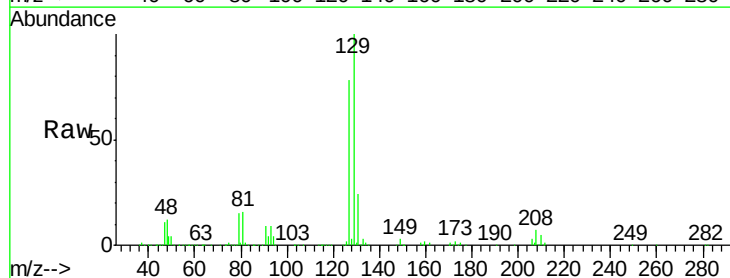
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

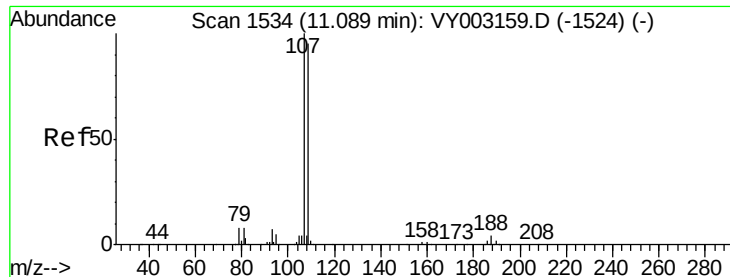
Tot Ion: 43 Resp: 592712
Ion Ratio Lower Upper
43 100
58 56.8 28.3 85.0



#60
Dibromochloromethane
Concen: 50.718 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 129 Resp: 220943
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

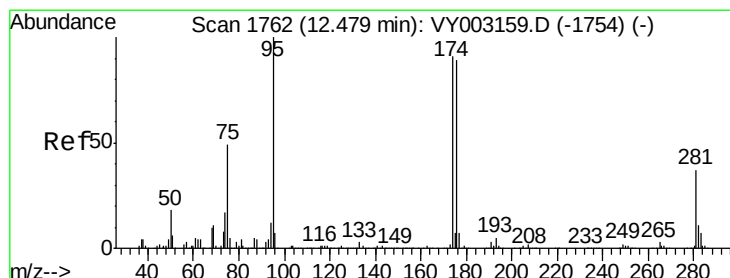
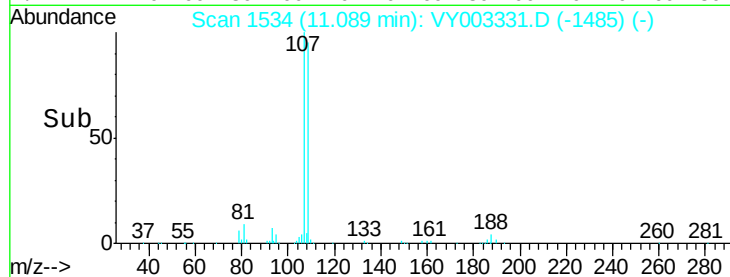
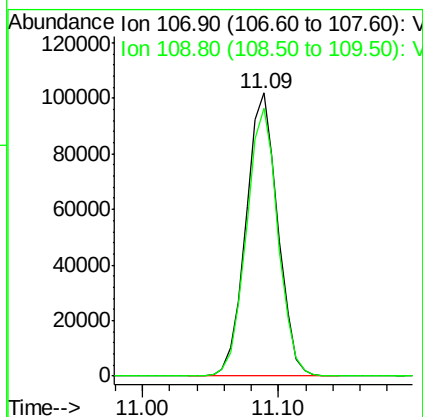
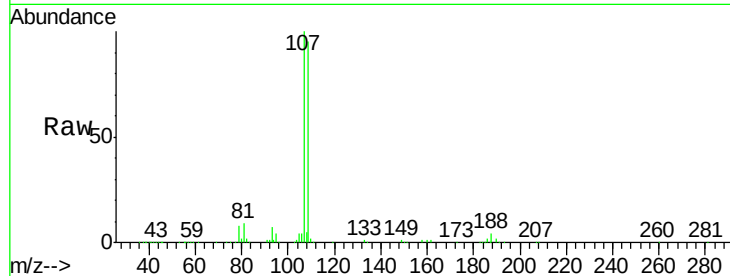




#61
 1,2-Dibromoethane
 Concen: 48.604 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

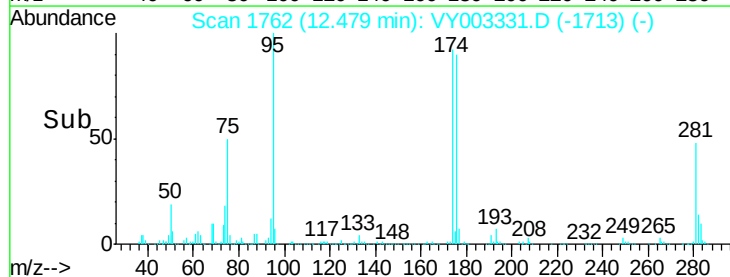
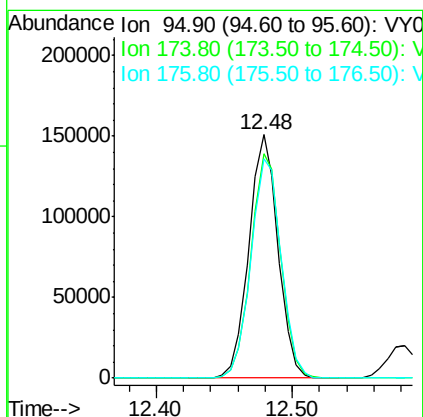
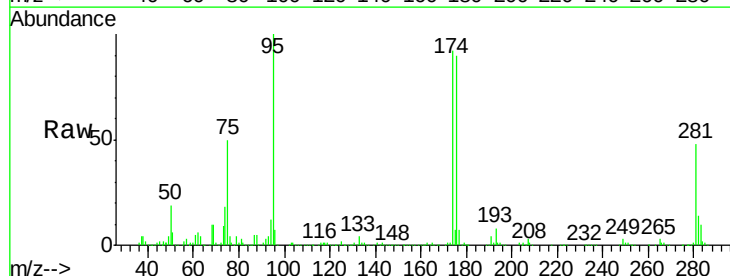
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

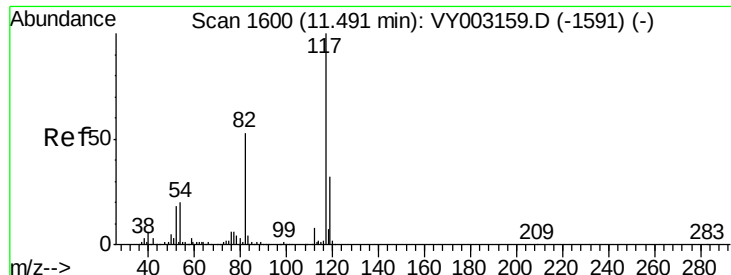
Tot Ion: 107 Resp: 166148
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 45.205 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion: 95 Resp: 226437
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 190.6
 176 93.8 0.0 186.4

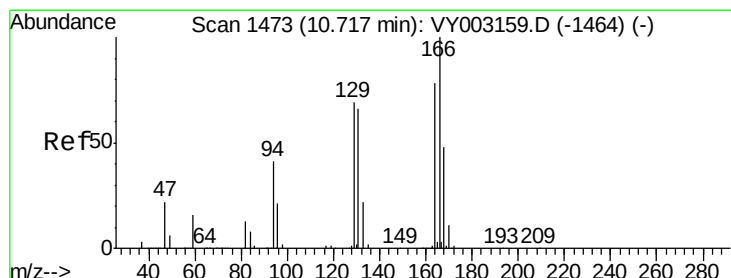
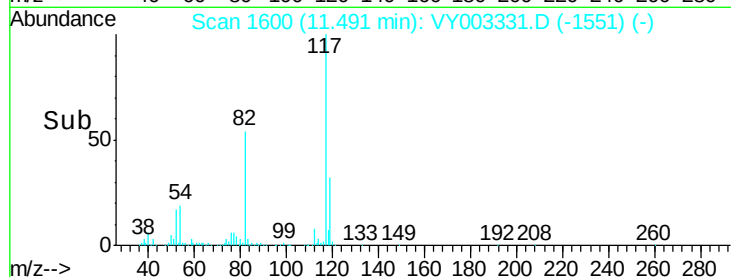
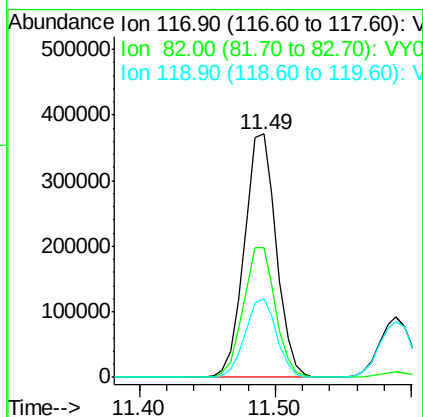
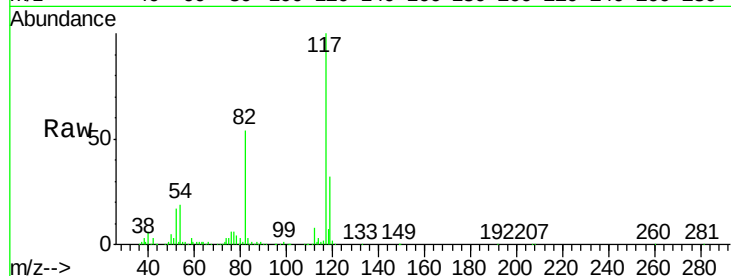




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

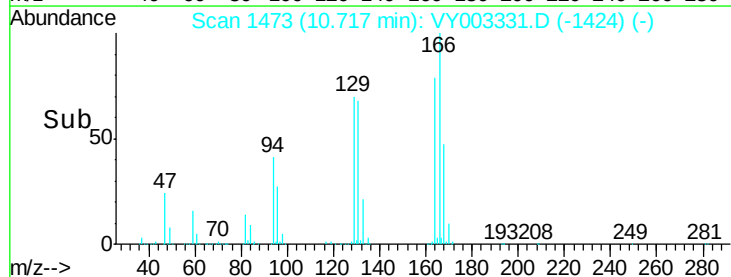
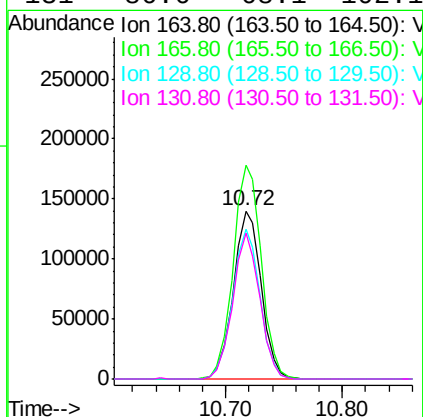
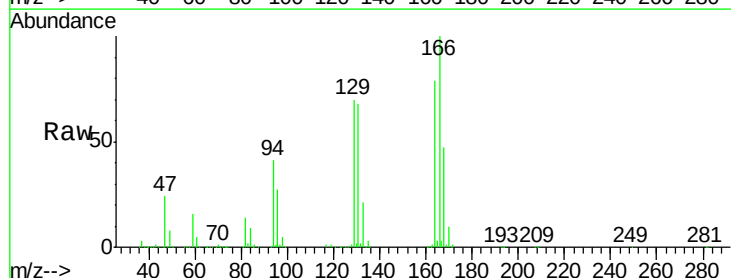
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

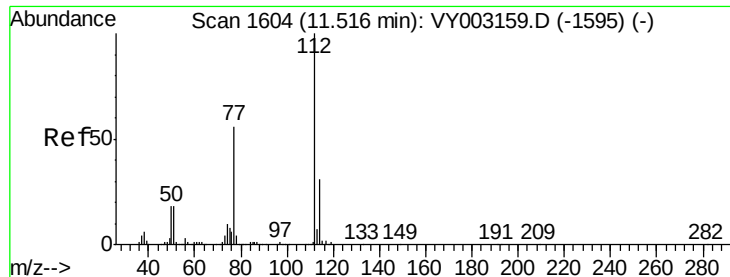
Tot Ion:117 Resp: 607967
Ion Ratio Lower Upper
117 100
82 53.5 42.0 63.0
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 42.938 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion:164 Resp: 232761
Ion Ratio Lower Upper
164 100
166 126.9 102.9 154.3
129 89.4 71.4 107.2
131 86.6 68.1 102.1

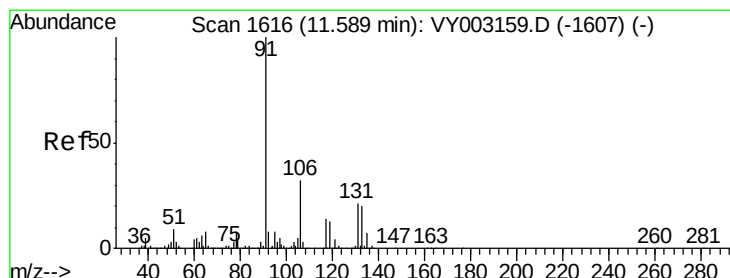
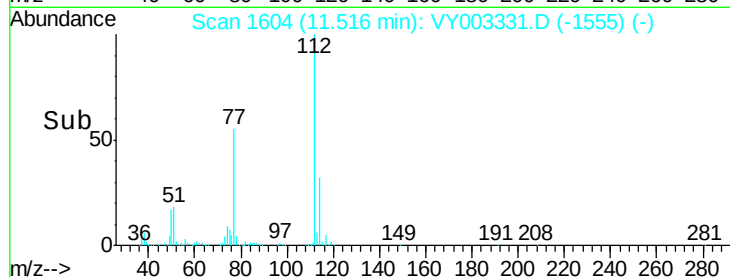
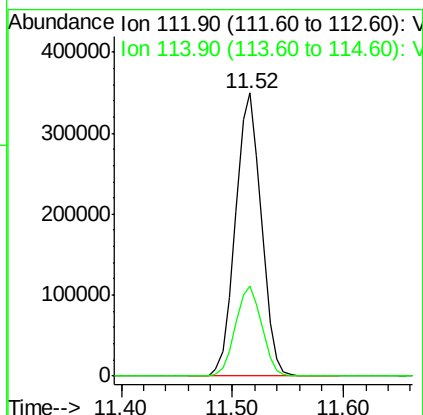
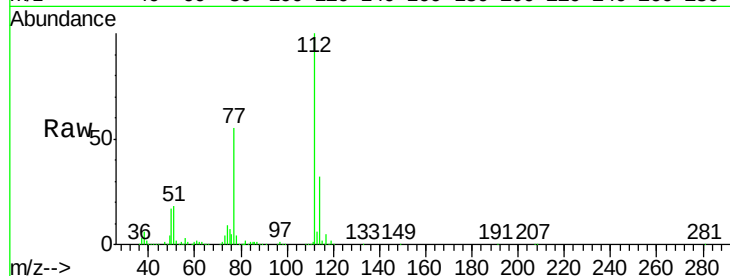




#65
Chlorobenzene
Concen: 47.791 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

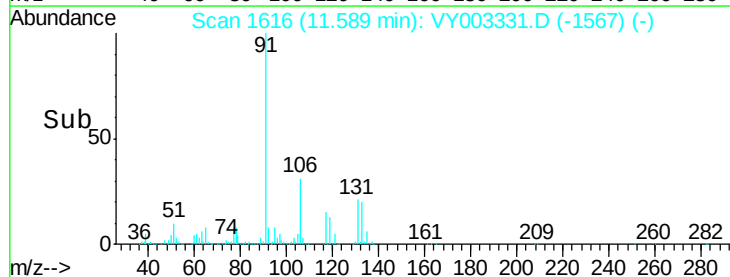
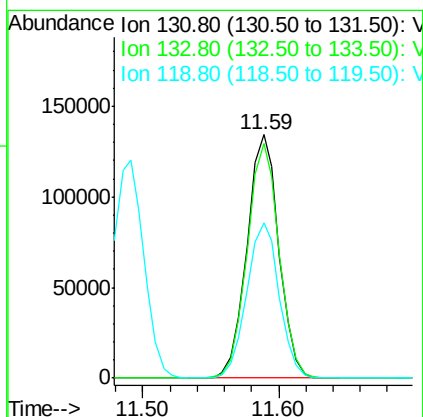
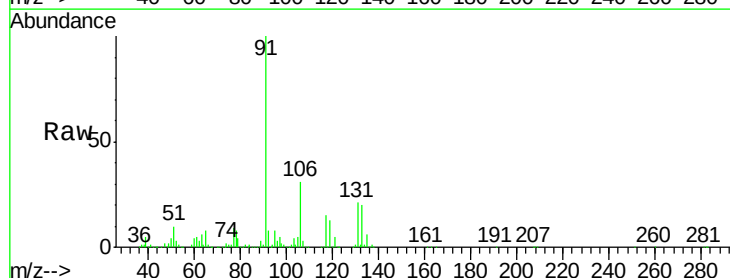
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

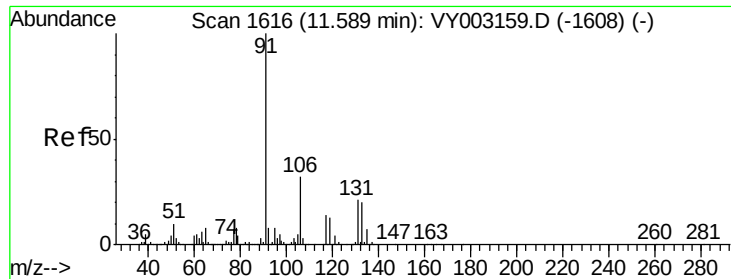
Tot Ion:112 Resp: 559741
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.470 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion:131 Resp: 220488
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.0
119 64.8 32.4 97.0

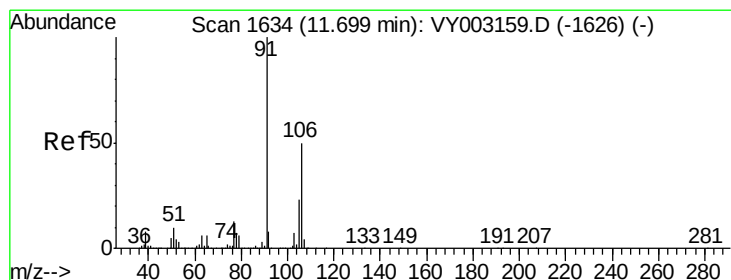
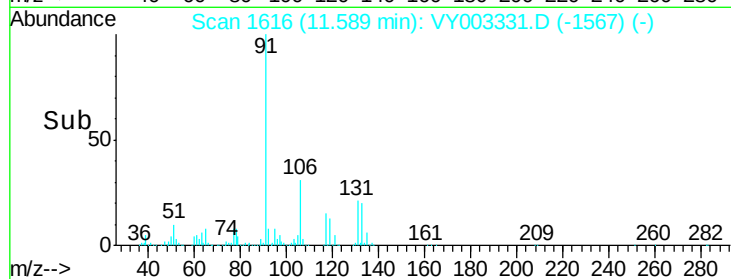
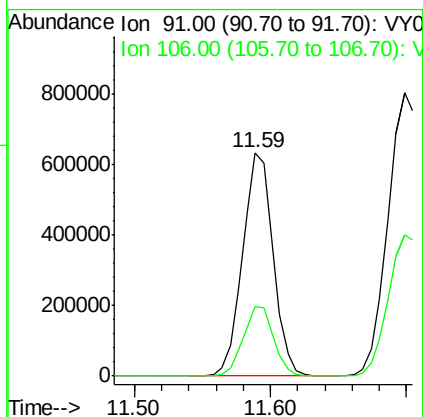
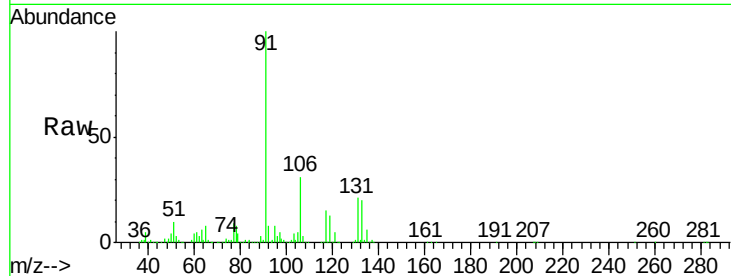




#67
Ethyl Benzene
Concen: 47.522 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

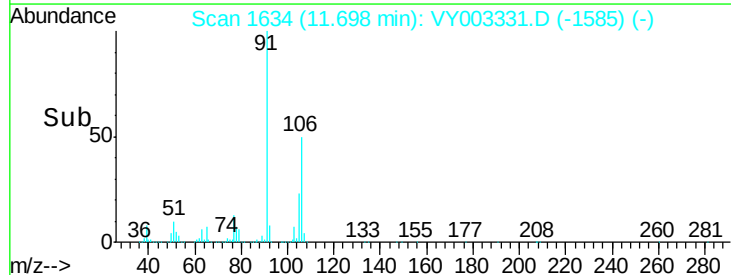
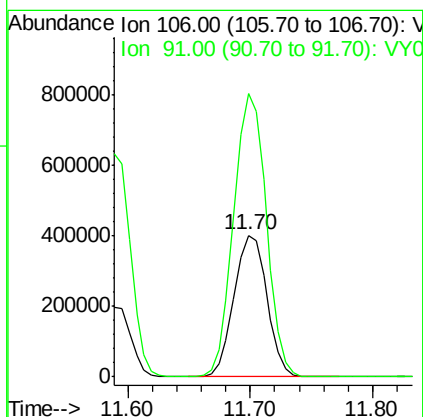
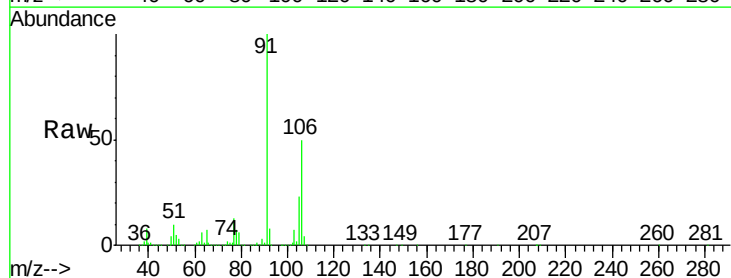
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

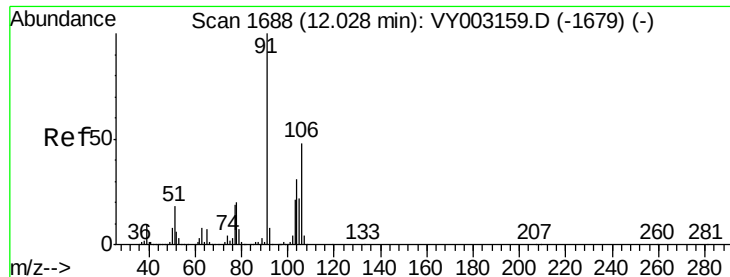
Tot Ion: 91 Resp: 993790
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 94.433 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 106 Resp: 749286
Ion Ratio Lower Upper
106 100
91 198.4 159.0 238.6

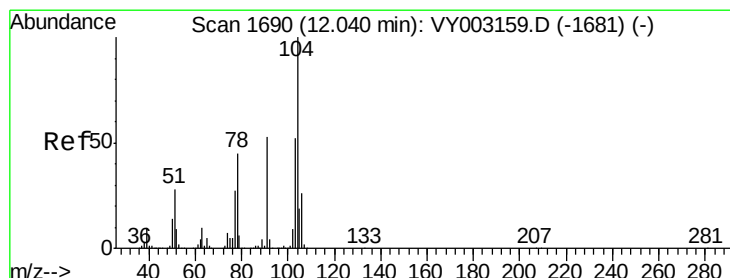
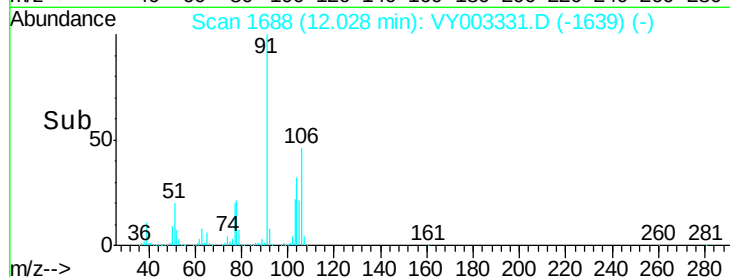
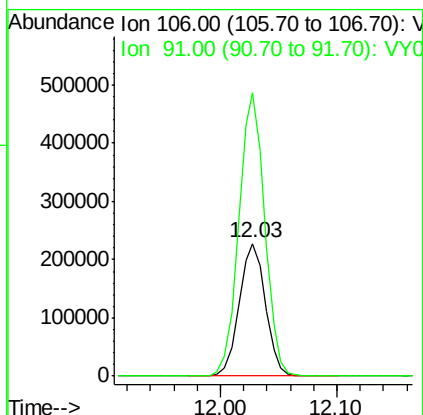
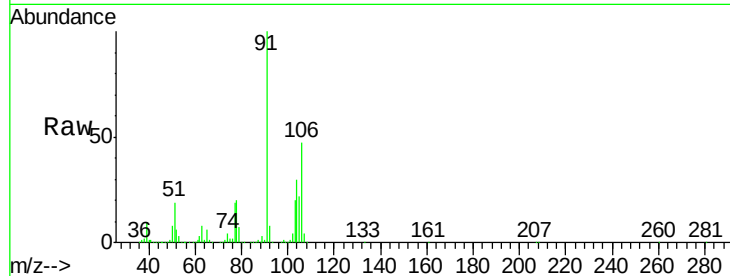




#69
o-Xylene
Concen: 48.238 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

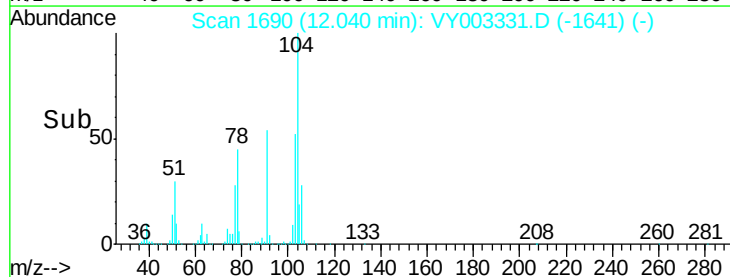
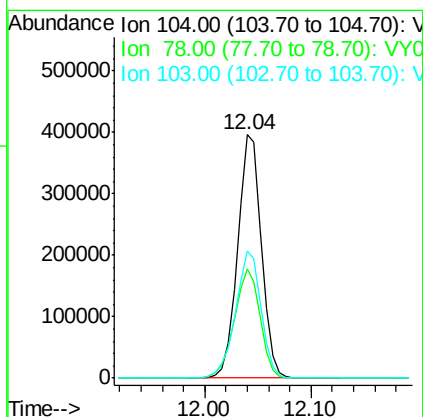
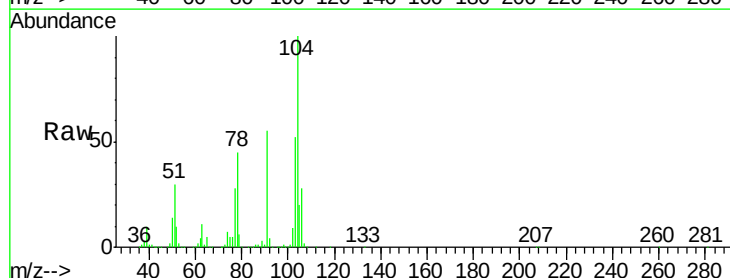
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

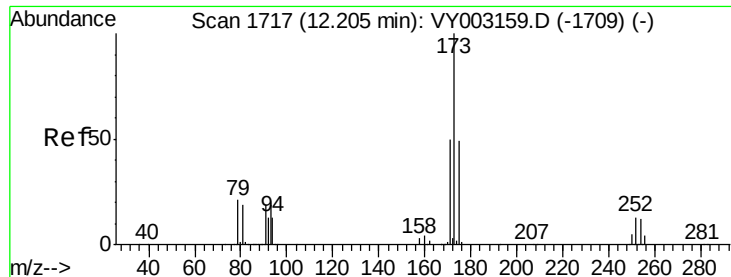
Tot Ion:106 Resp: 357574
Ion Ratio Lower Upper
106 100
91 209.7 105.1 315.1



#70
Styrene
Concen: 48.929 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion:104 Resp: 620445
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 56.0 43.9 65.9





#71

Bromoform

Concen: 49.954 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

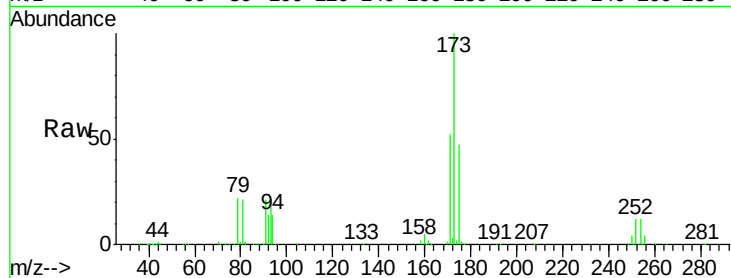
Tot Ion:173 Resp: 149144

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

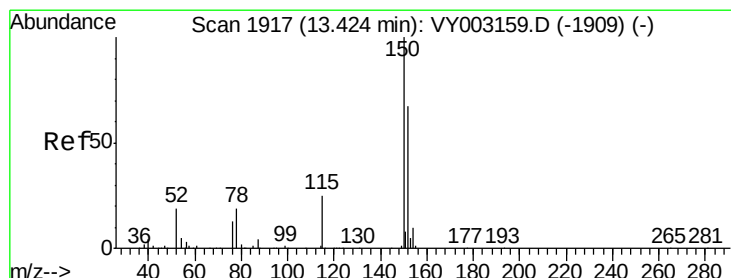
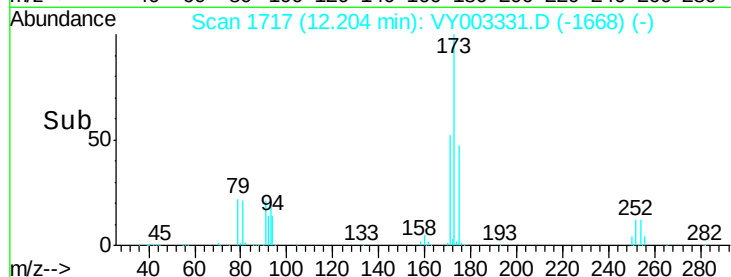
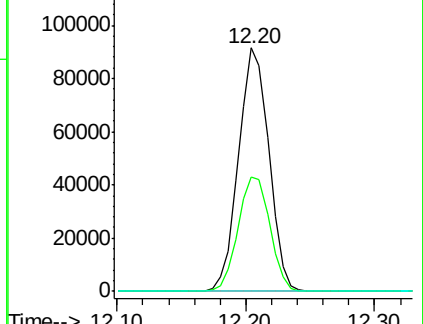
254 0.2 0.2 0.2



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: VY003331.D

Acq: 23 Jul 2020 21:09

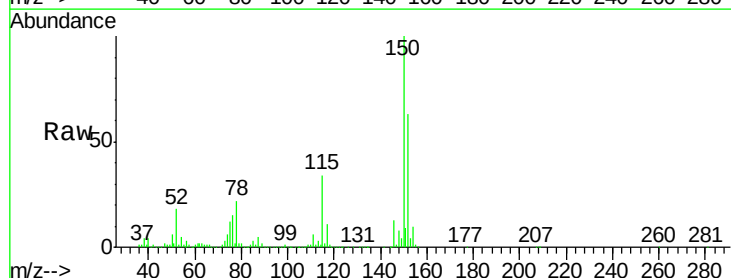
Tgt Ion:152 Resp: 325517

Ion Ratio Lower Upper

152 100

115 54.0 26.9 80.7

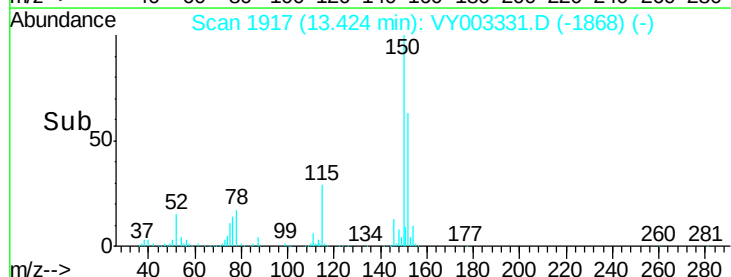
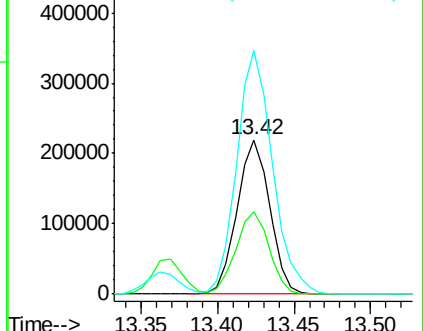
150 172.7 0.0 338.0

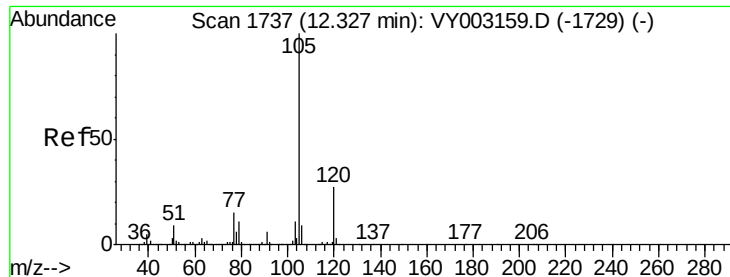


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.918 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

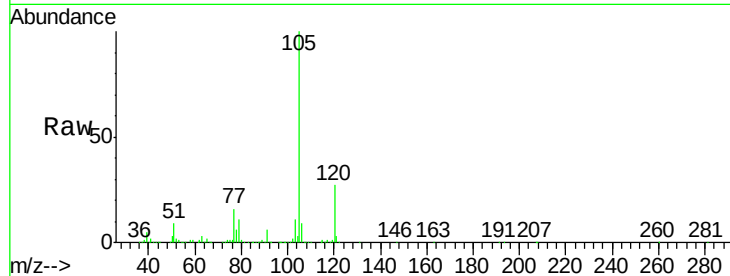
VSTDCCC050EC

Tot Ion:105 Resp: 973267

Ion Ratio Lower Upper

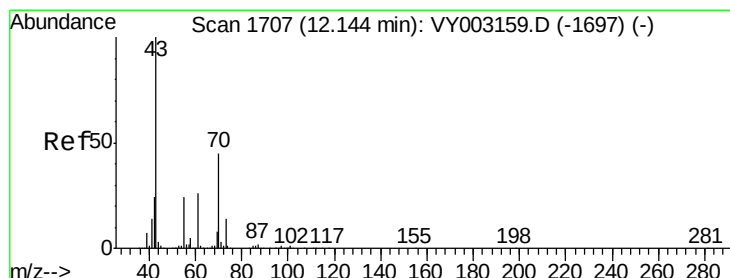
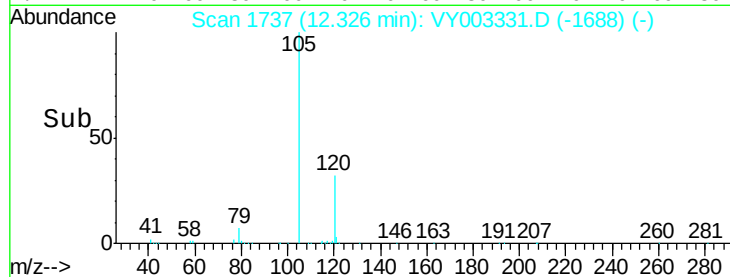
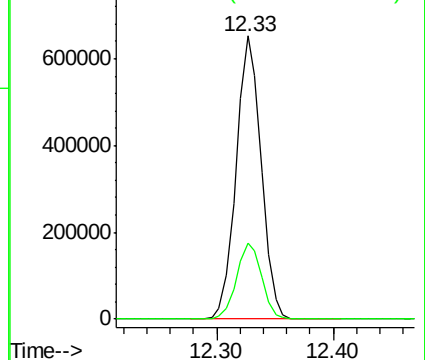
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.912 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Tgt Ion: 43 Resp: 302155

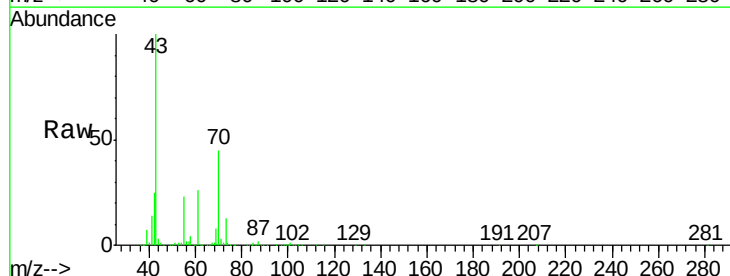
Ion Ratio Lower Upper

43 100

70 43.3 35.6 53.4

55 23.8 19.4 29.2

61 25.5 20.8 31.2

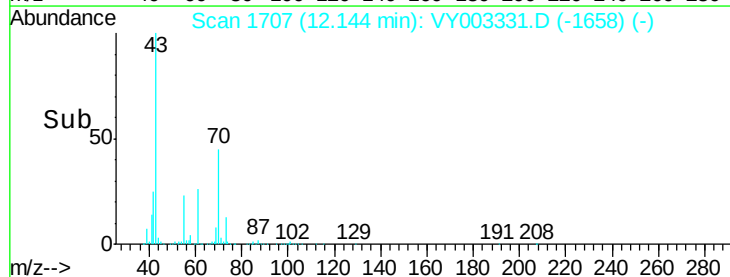
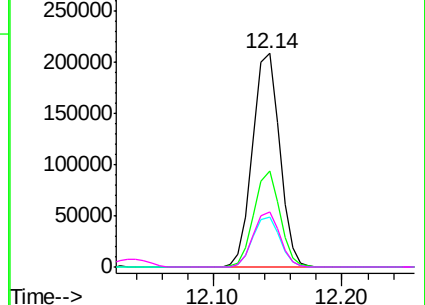


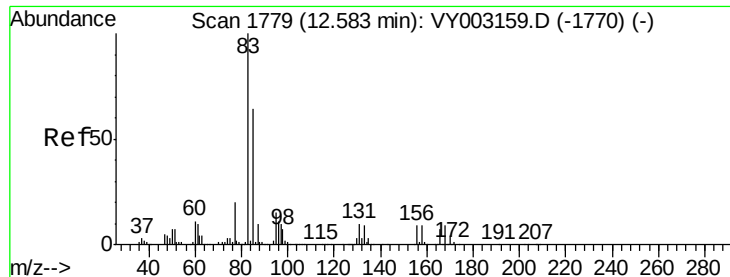
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 51.538 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

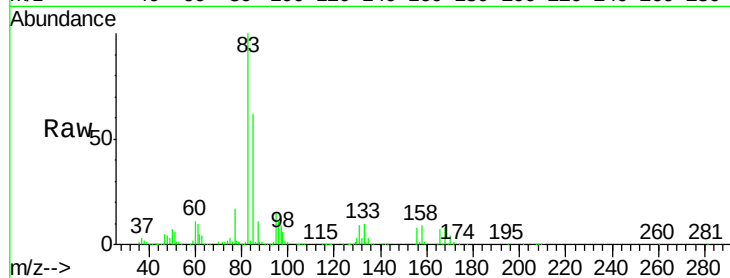
Tot Ion: 83 Resp: 206482

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

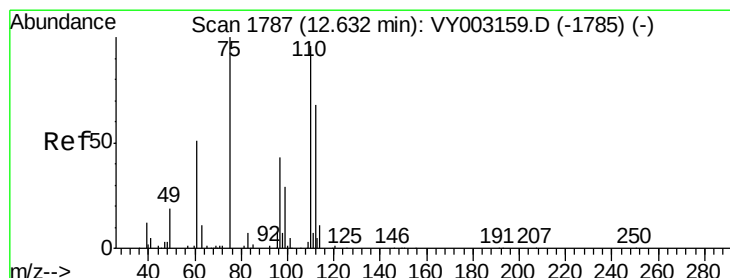
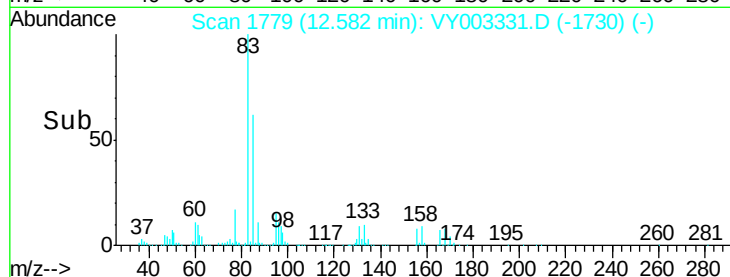
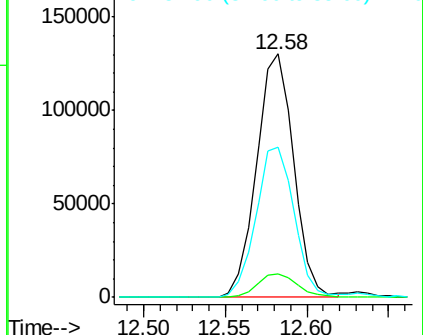
85 63.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 96.424 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003331.D

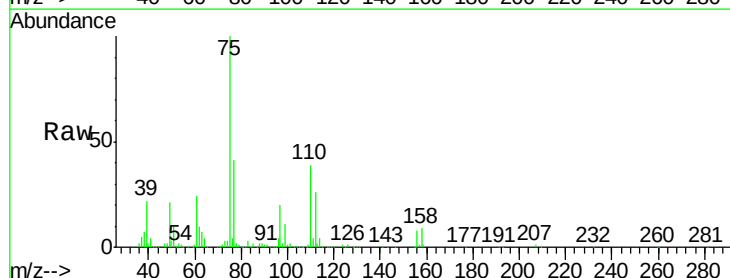
Acq: 23 Jul 2020 21:09

Tgt Ion: 75 Resp: 277836

Ion Ratio Lower Upper

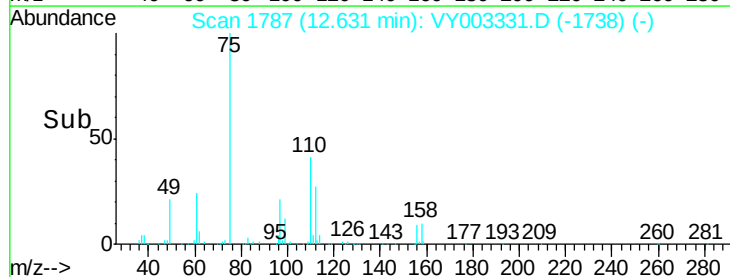
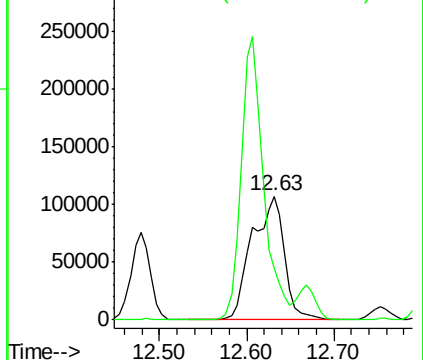
75 100

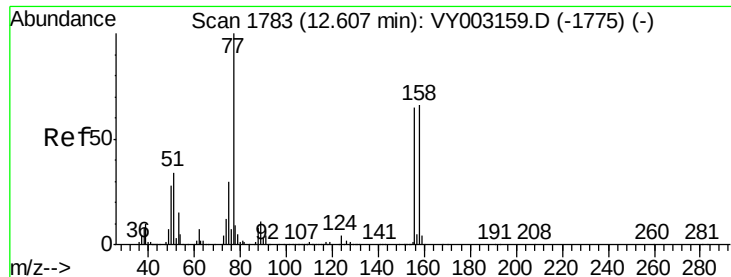
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 47.894 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

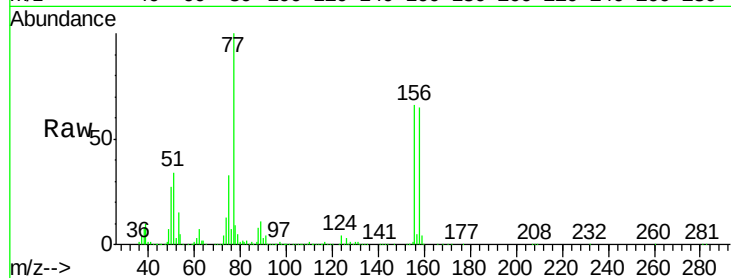
Tot Ion:156 Resp: 253253

Ion Ratio Lower Upper

156 100

77 172.5 86.6 259.7

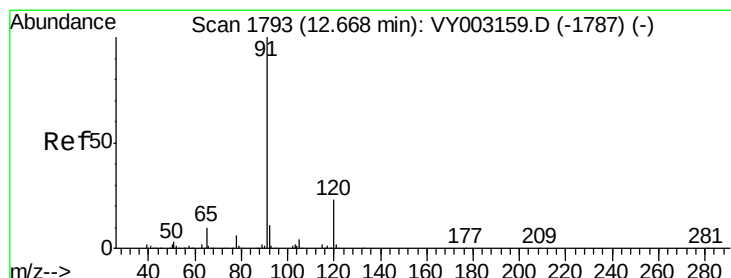
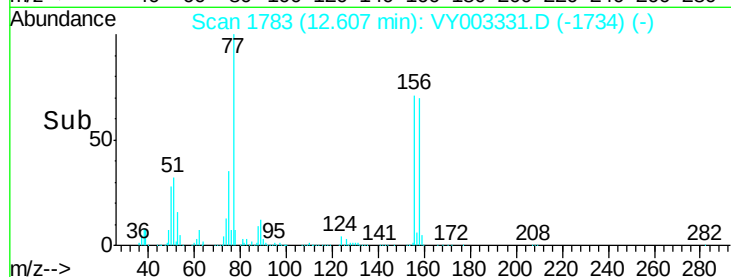
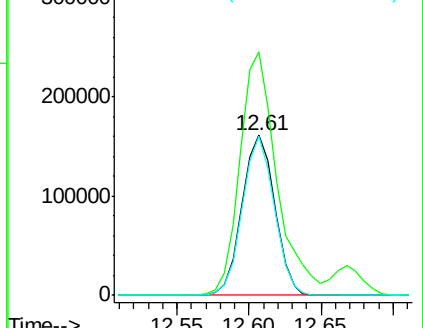
158 97.2 49.4 148.0



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: 47.355 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003331.D

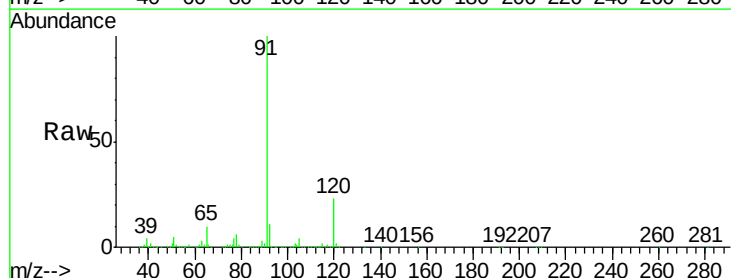
Acq: 23 Jul 2020 21:09

Tgt Ion: 91 Resp: 1157920

Ion Ratio Lower Upper

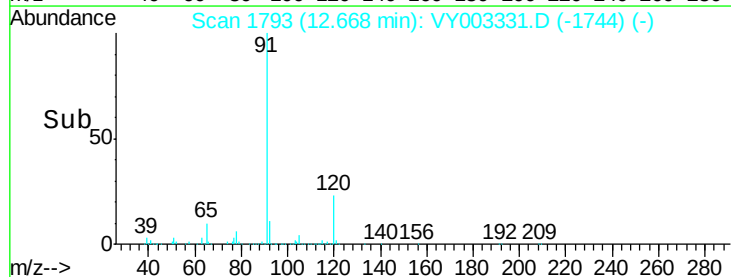
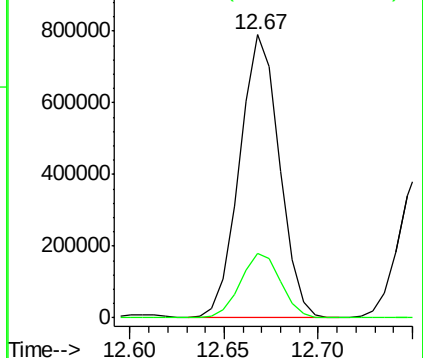
91 100

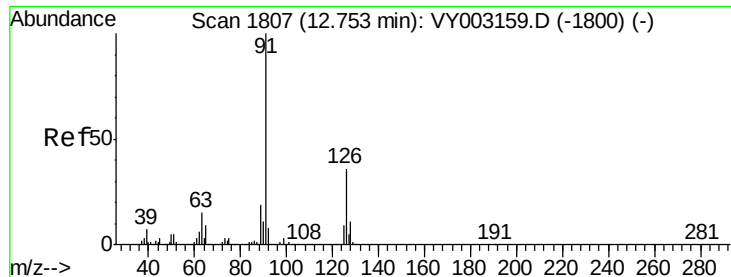
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

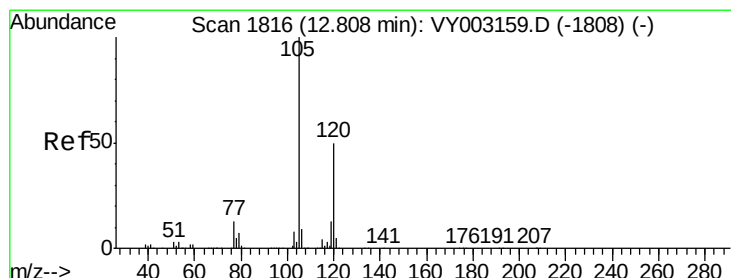
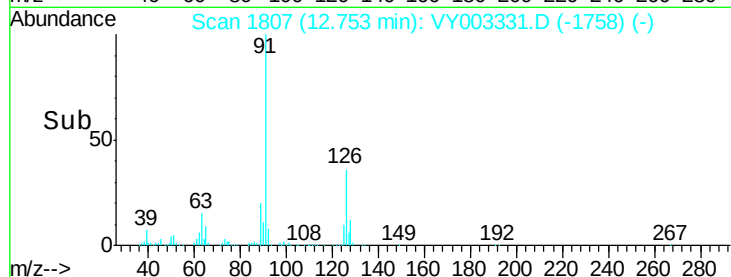
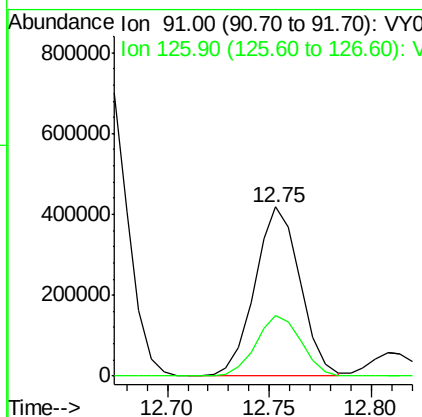
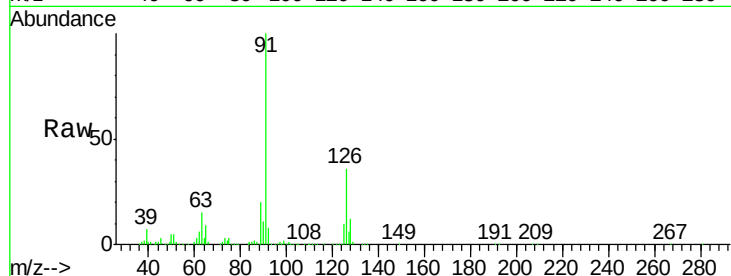




#79
 2-Chlorotoluene
 Concen: 47.242 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

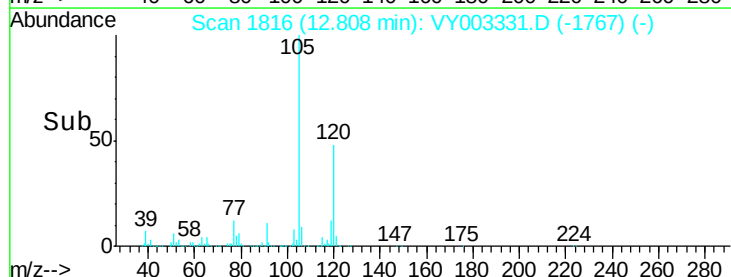
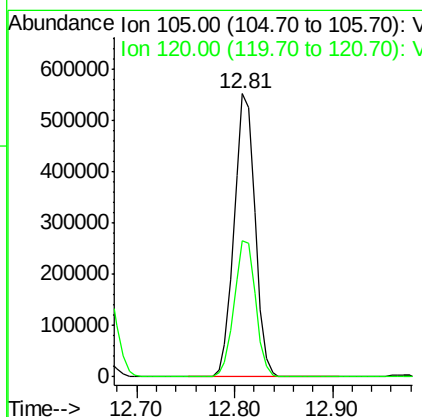
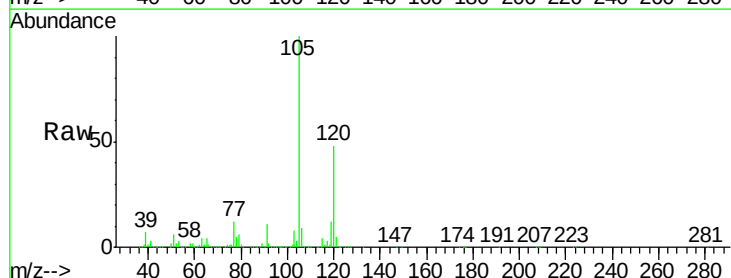
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

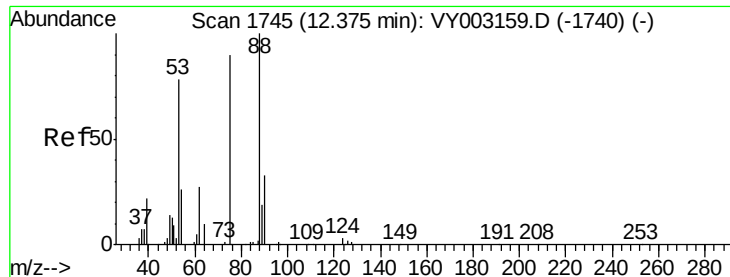
Tot Ion: 91 Resp: 644510
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 47.351 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion: 105 Resp: 818668
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.892 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

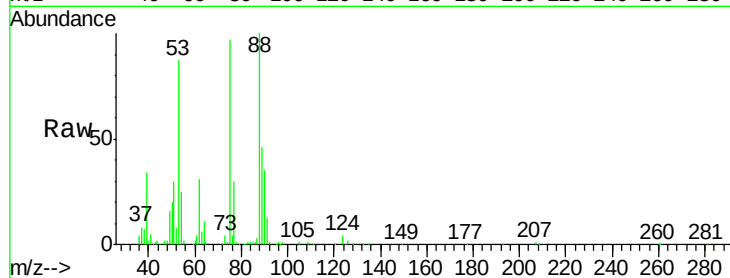
Tot Ion: 75 Resp: 72386

Ion Ratio Lower Upper

75 100

53 86.6 72.0 108.0

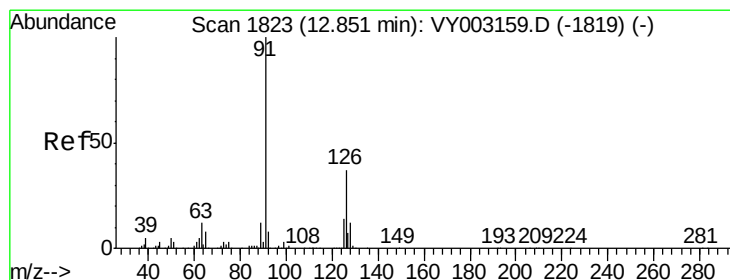
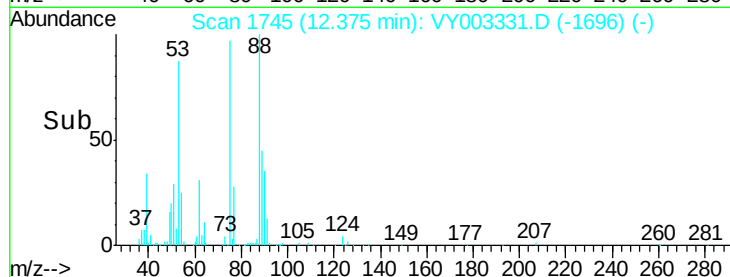
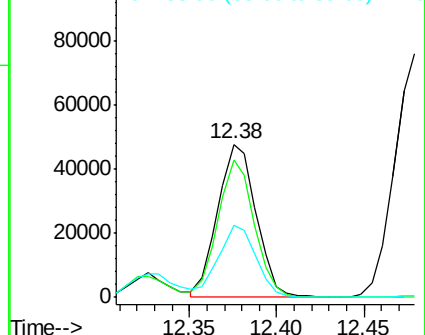
89 46.5 37.3 55.9



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: 47.092 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003331.D

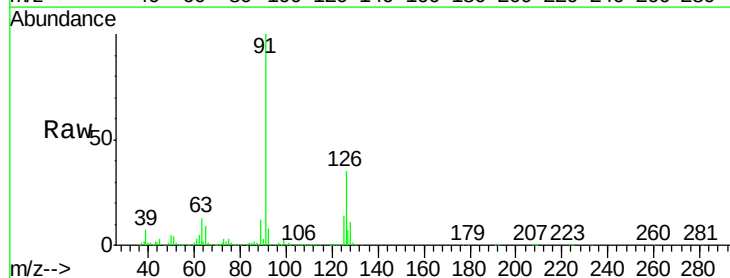
Acq: 23 Jul 2020 21:09

Tgt Ion: 91 Resp: 670570

Ion Ratio Lower Upper

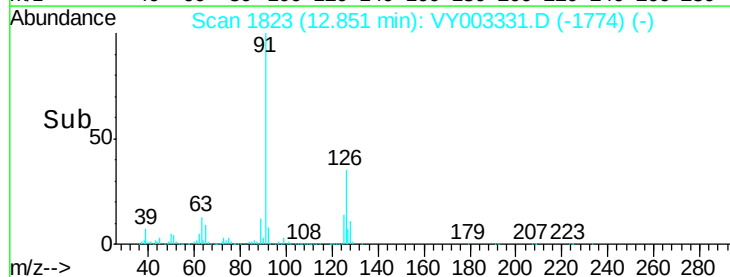
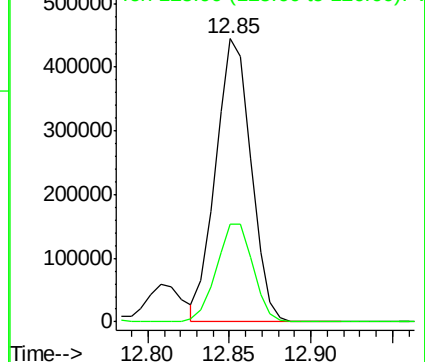
91 100

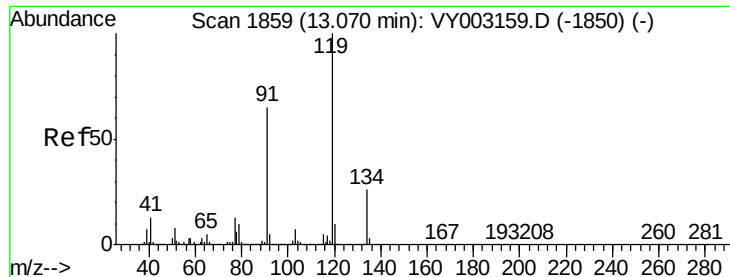
126 35.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): VY0

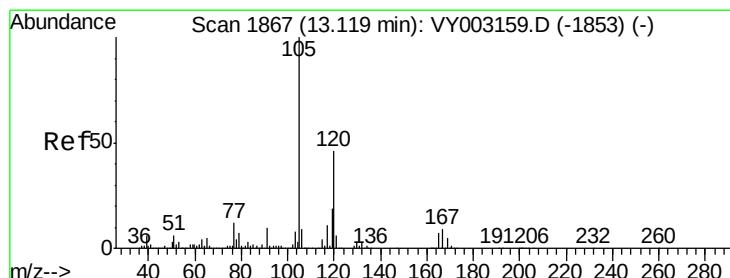
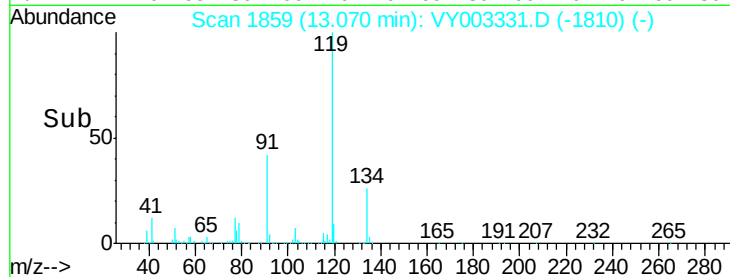
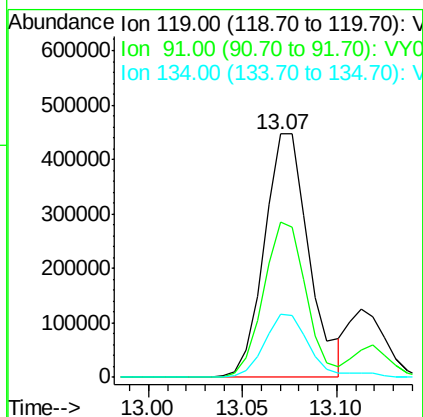
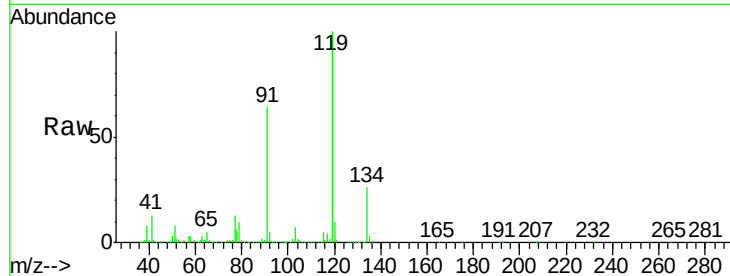




#83
 tert-Butylbenzene
 Concen: 48.075 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

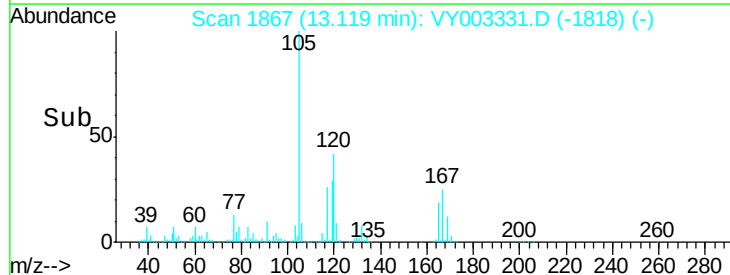
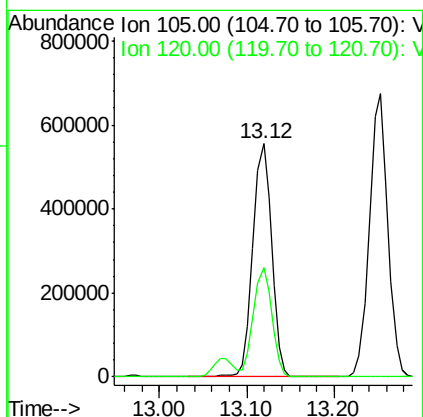
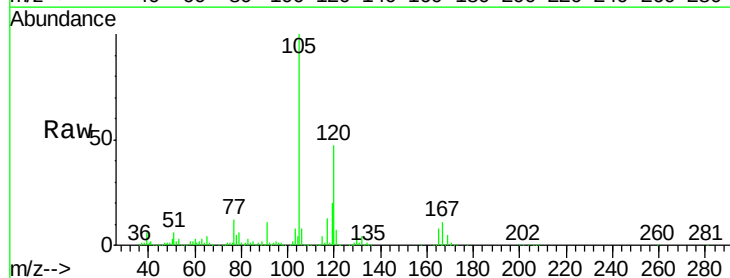
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

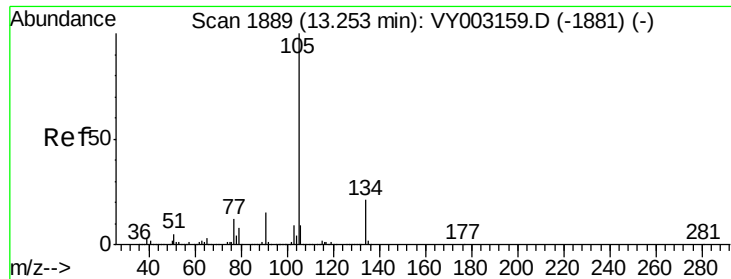
Tot Ion:119 Resp: 733413
 Ion Ratio Lower Upper
 119 100
 91 61.0 30.8 92.4
 134 26.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 47.644 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion:105 Resp: 828805
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.5 67.5





#85

sec-Butylbenzene

Concen: 47.397 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

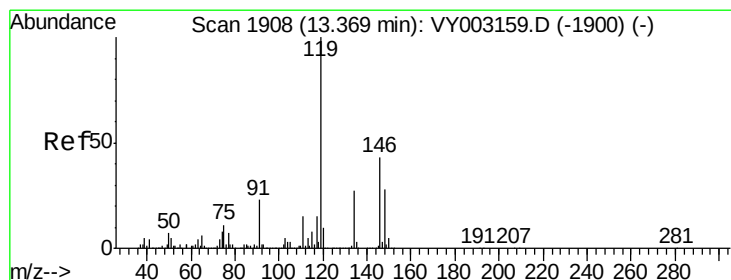
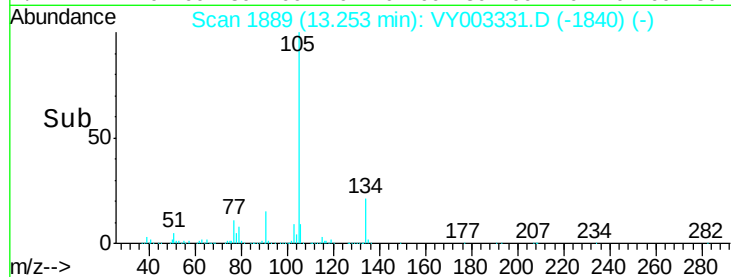
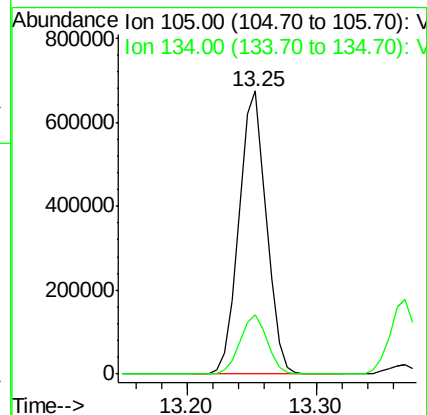
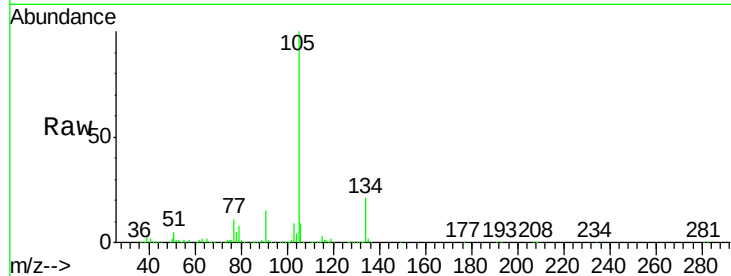
VSTDCCC050EC

Tot Ion:105 Resp: 993798

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



#86

p-Isopropyltoluene

Concen: 47.329 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

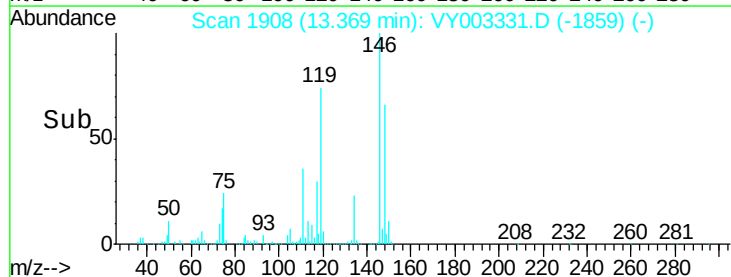
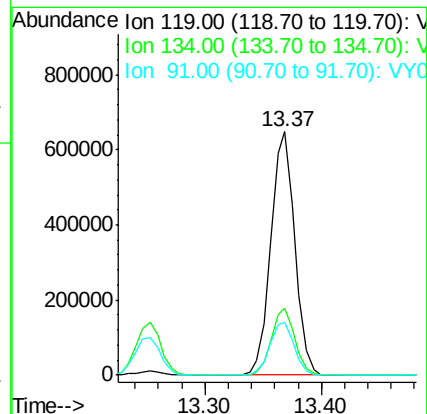
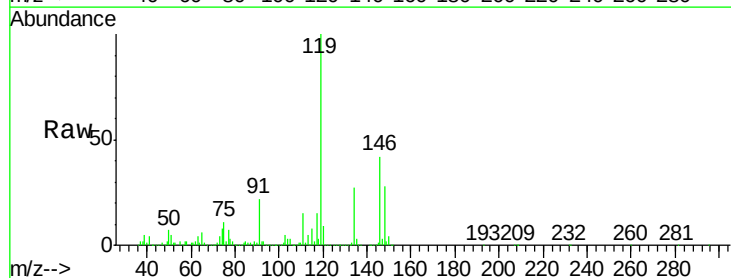
Tgt Ion:119 Resp: 926603

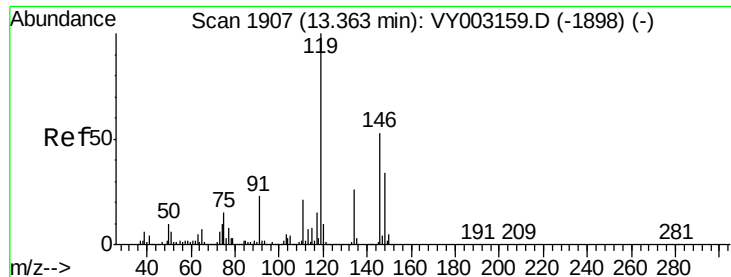
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.0 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 47.102 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

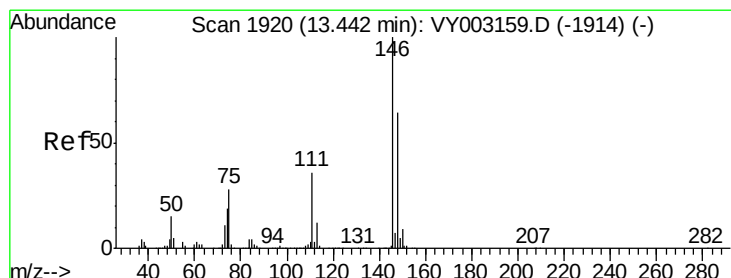
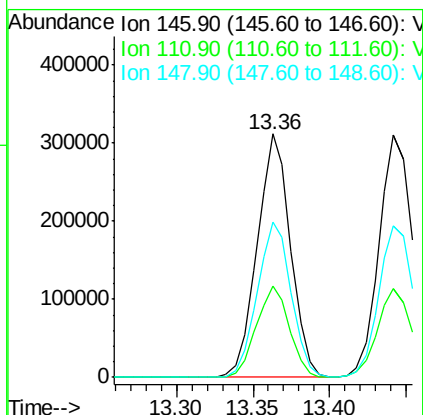
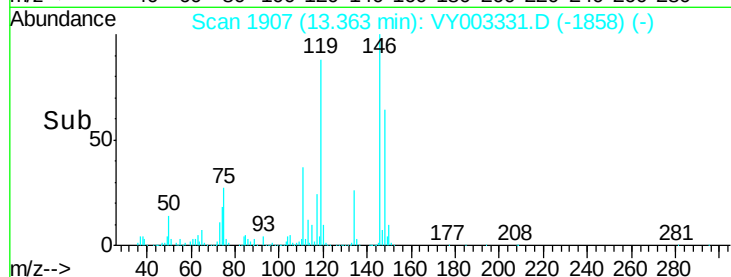
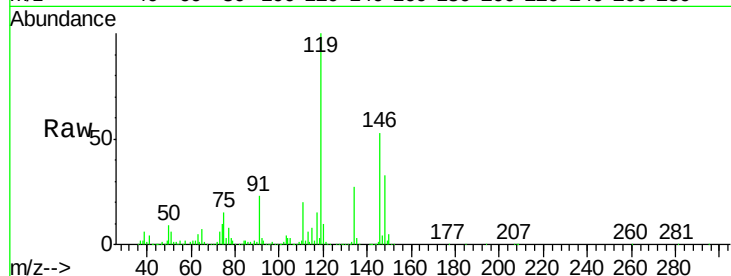
Tot Ion:146 Resp: 470988

Ion Ratio Lower Upper

146 100

111 37.2 18.8 56.3

148 64.8 32.3 96.9



#88

1,4-Dichlorobenzene

Concen: 47.752 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY003331.D

Acq: 23 Jul 2020 21:09

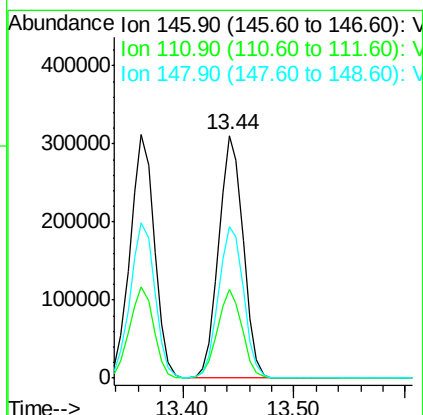
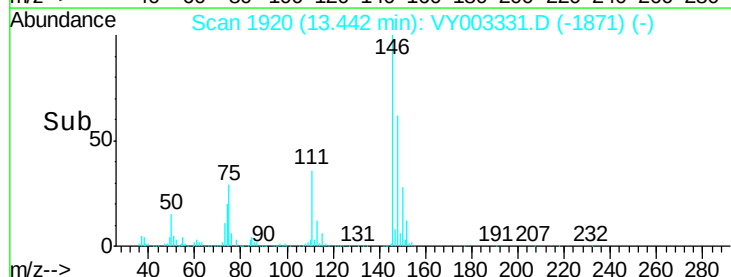
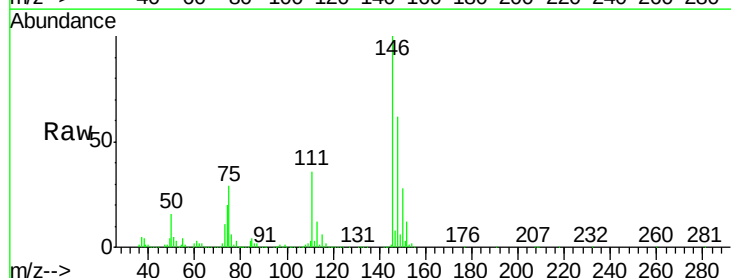
Tgt Ion:146 Resp: 472745

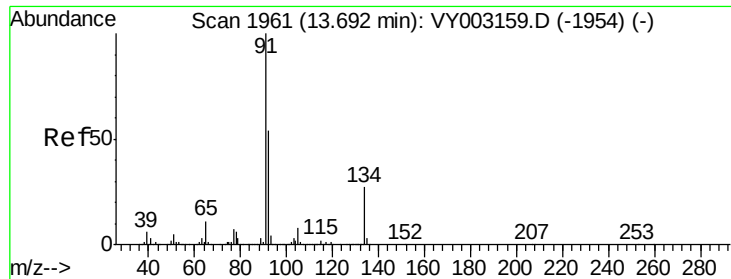
Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.0

148 63.8 32.0 96.0

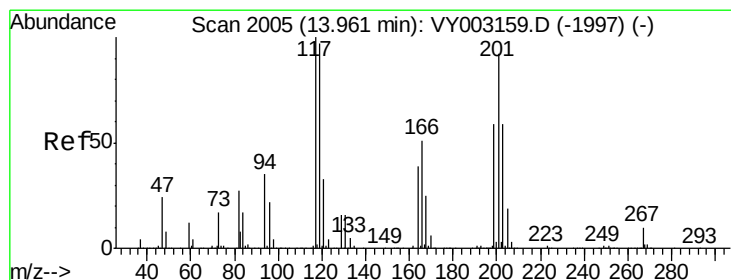
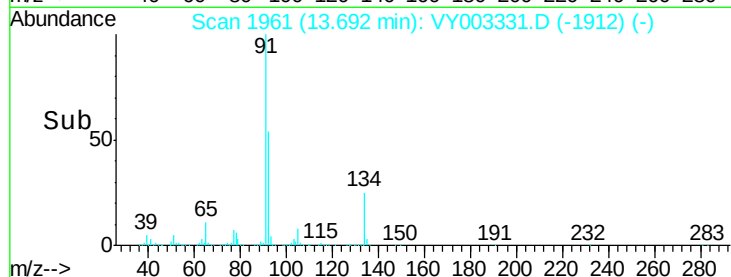
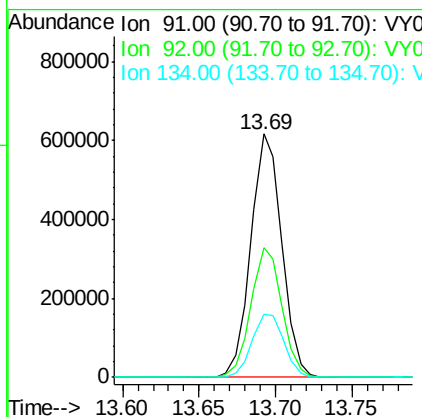
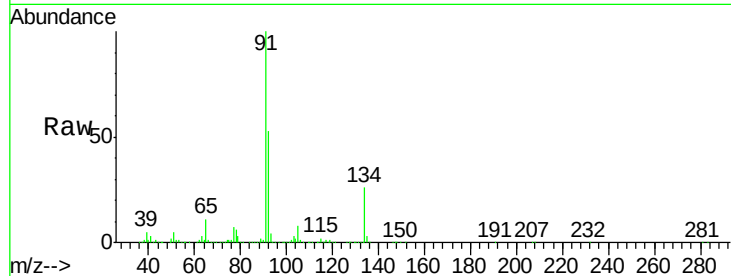




#89
n-Butylbenzene
Concen: 47.095 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

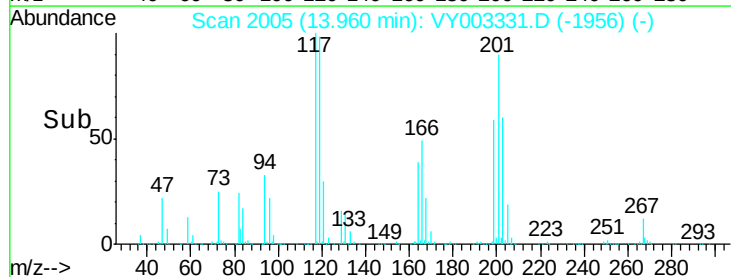
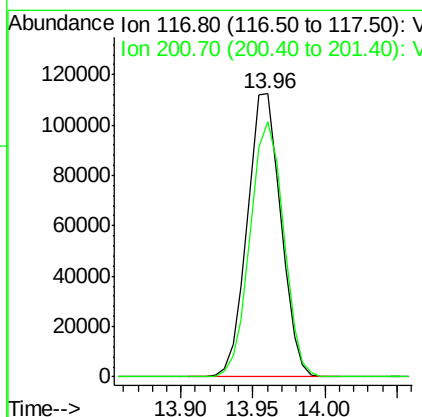
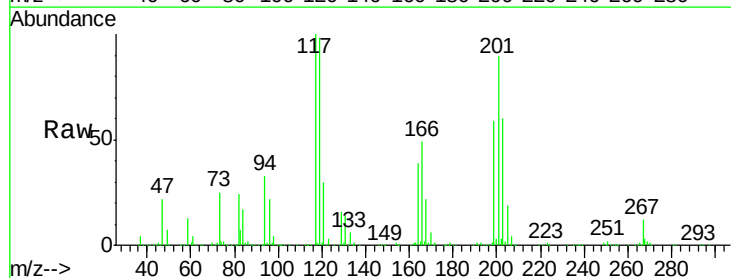
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

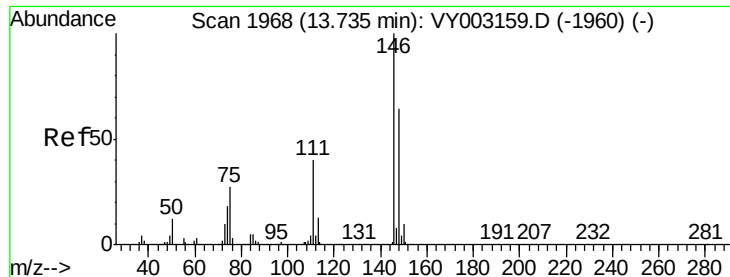
Tot Ion: 91 Resp: 867272
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 50.908 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion: 117 Resp: 181501
Ion Ratio Lower Upper
117 100
201 89.3 45.1 135.3

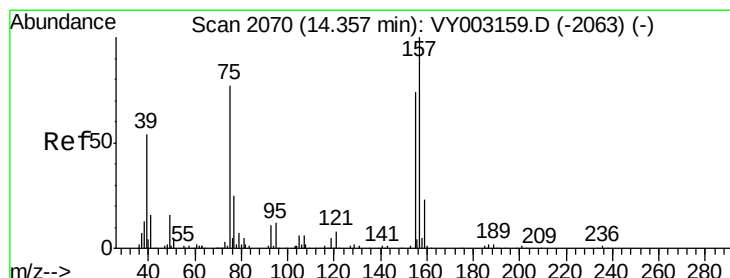
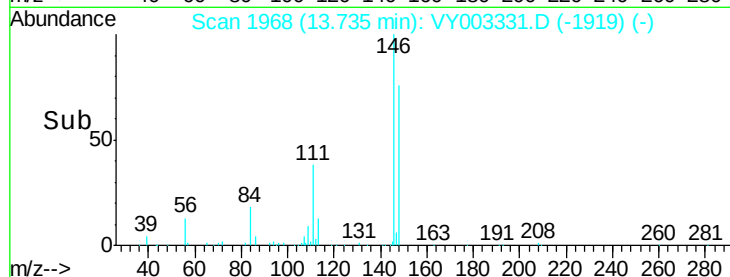
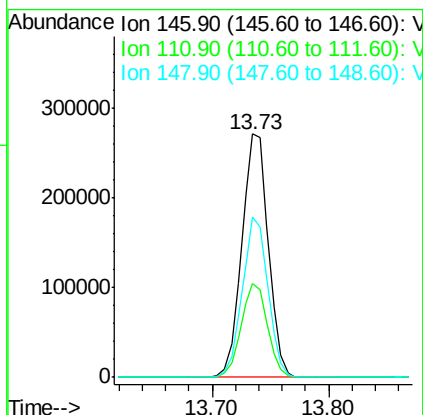
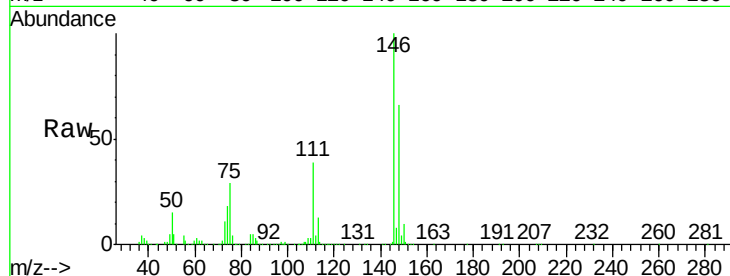




#91
 1,2-Dichlorobenzene
 Concen: 48.872 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

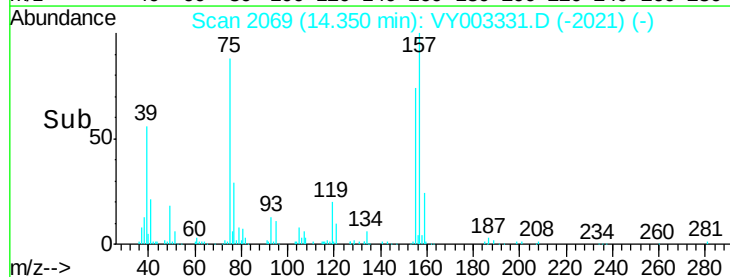
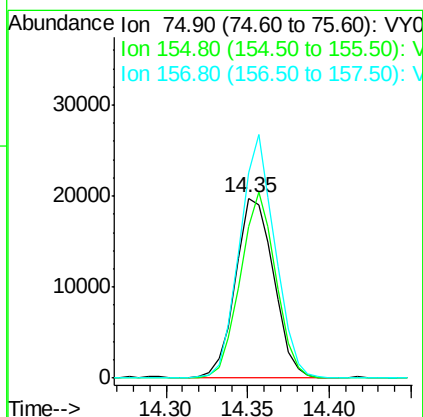
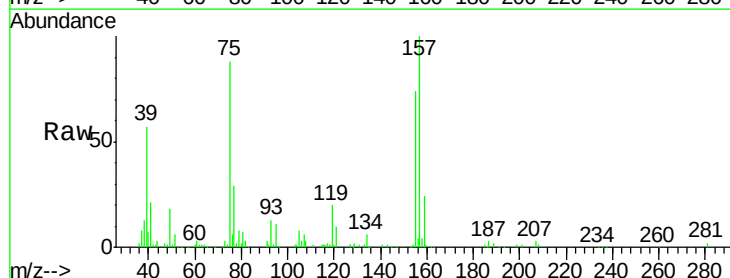
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

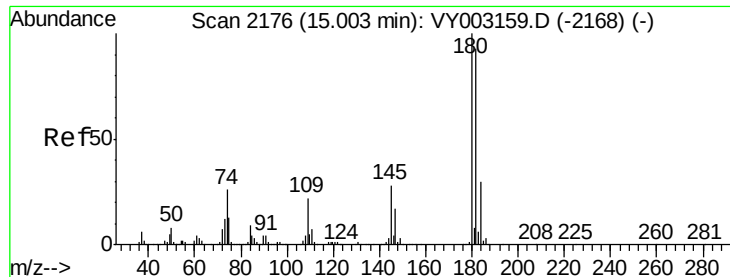
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.6	58.8
148	63.7	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.785 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.2	48.1	144.3
157	124.8	61.9	185.6

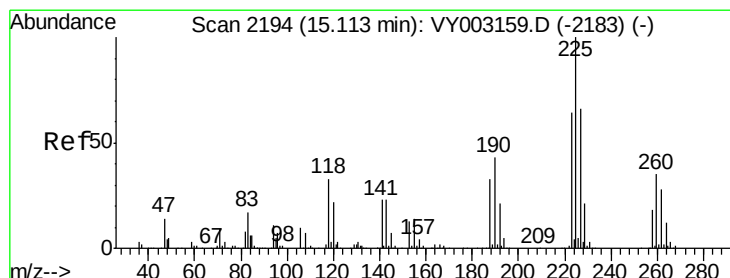
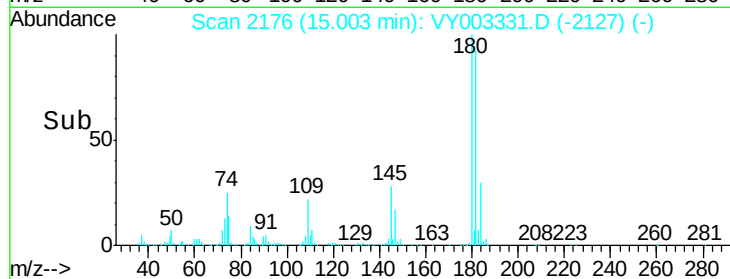
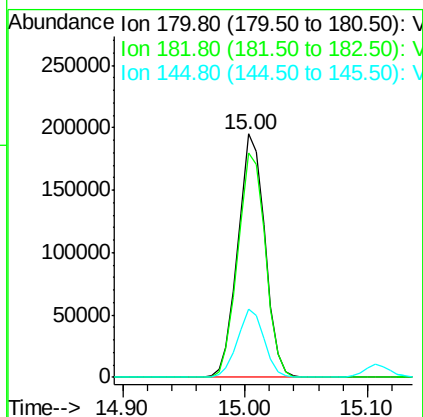
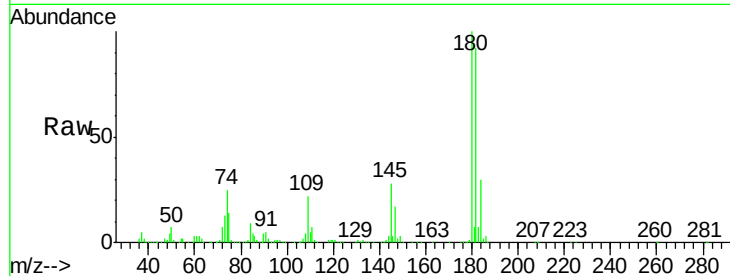




#93
 1,2,4-Trichlorobenzene
 Concen: 47.615 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

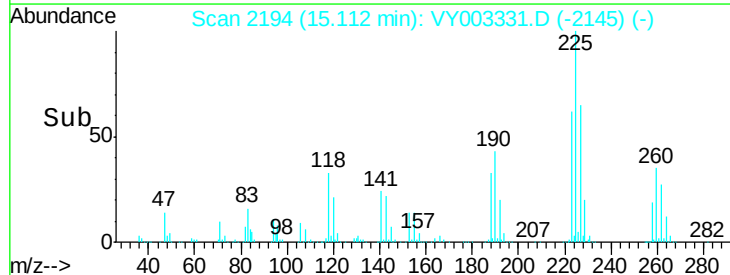
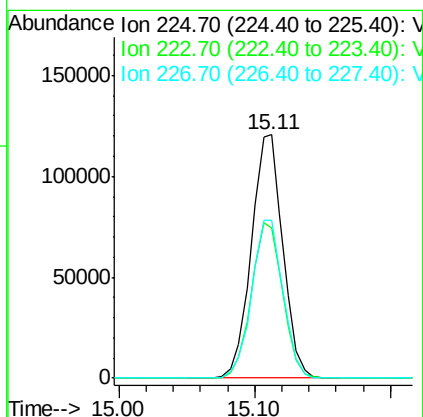
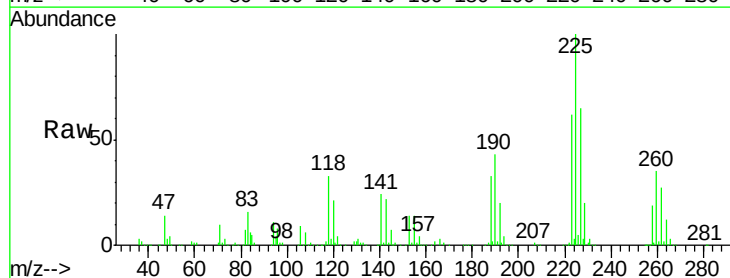
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

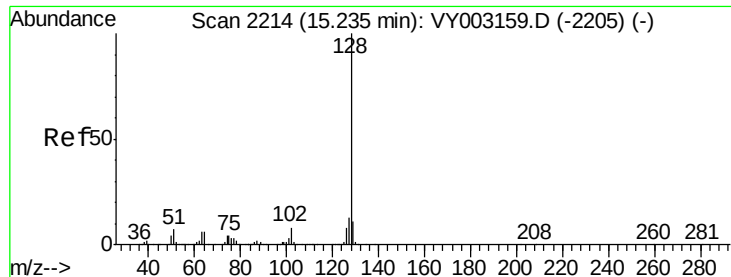
Tot Ion:180 Resp: 297246
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.3 142.0
 145 27.6 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 45.595 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003331.D
 Acq: 23 Jul 2020 21:09

Tgt Ion:225 Resp: 195036
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.6 94.7
 227 64.7 32.3 96.8

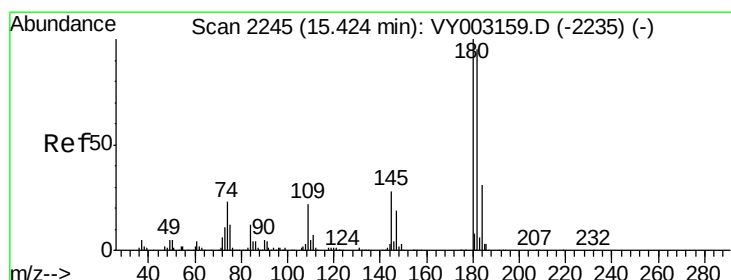
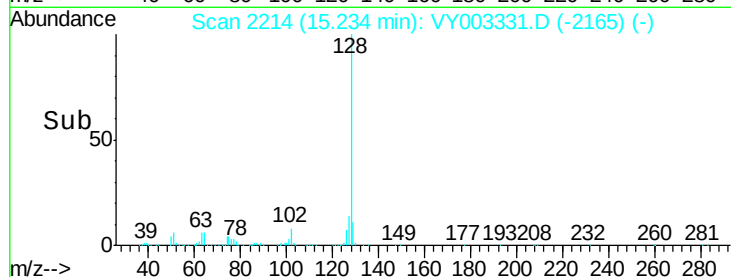
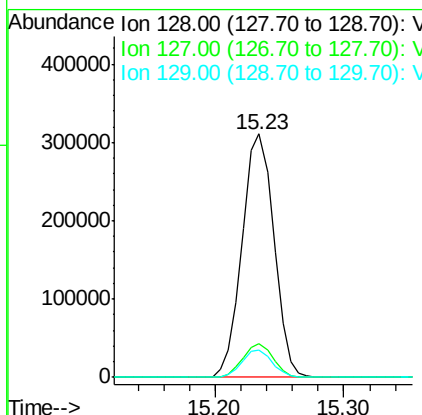
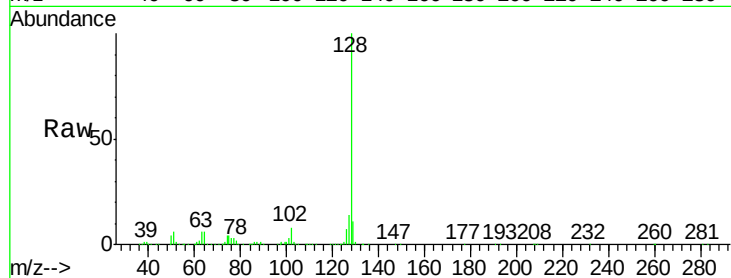




#95
Naphthalene
Concen: 51.498 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 531312
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 10.8 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 49.784 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003331.D
Acq: 23 Jul 2020 21:09

Tgt Ion:180 Resp: 245672
Ion Ratio Lower Upper
180 100
182 94.7 48.8 146.3
145 29.0 14.9 44.5

