

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001233.D
 Acq On : 15 Jan 2020 20:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 16 04:53:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	209849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	386298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	337972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155796	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	112045	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	7.73	113	106365	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
50) Toluene-d8	10.18	98	427055	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.48	95	162905	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	89292	55.405	ug/l	99
3) Chloromethane	2.12	50	101690	43.775	ug/l	99
4) Vinyl Chloride	2.26	62	105539	45.096	ug/l	98
5) Bromomethane	2.65	94	71142	56.592	ug/l	96
6) Chloroethane	2.80	64	65713	48.602	ug/l	98
7) Trichlorofluoromethane	3.13	101	174892	53.688	ug/l	96
8) Diethyl Ether	3.54	74	75187	59.399	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	114112	54.421	ug/l	98
10) Methyl Iodide	4.10	142	156094	54.386	ug/l	99
11) Tert butyl alcohol	4.97	59	63956	286.802	ug/l	99
12) 1,1-Dichloroethene	3.88	96	120514	56.177	ug/l	95
13) Acrolein	3.74	56	56986	283.861	ug/l	97
14) Allyl chloride	4.49	41	192695	53.221	ug/l	95
15) Acrylonitrile	5.18	53	177712	280.720	ug/l	99
16) Acetone	3.96	43	137895	267.895	ug/l	91
17) Carbon Disulfide	4.20	76	381880	55.000	ug/l	100
18) Methyl Acetate	4.49	43	89785	52.758	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	338956	57.121	ug/l	100
20) Methylene Chloride	4.73	84	152879	65.438	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	138565	56.964	ug/l	96
22) Diisopropyl ether	6.13	45	405644	54.853	ug/l	95
23) Vinyl Acetate	6.07	43	1282203	271.105	ug/l	97
24) 1,1-Dichloroethane	6.04	63	230064	56.826	ug/l	99
25) 2-Butanone	7.00	43	223876	279.458	ug/l	98
26) 2,2-Dichloropropane	7.00	77	185199	49.745	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	155561	58.363	ug/l	97
28) Bromochloromethane	7.35	49	104564	62.896	ug/l	97
29) Tetrahydrofuran	7.36	42	149550	272.404	ug/l	98
30) Chloroform	7.52	83	225335	56.804	ug/l	99
31) Cyclohexane	7.79	56	211583	49.359	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	186964	53.119	ug/l	99
36) 1,1-Dichloropropene	7.93	75	174987	49.700	ug/l	99
37) Ethyl Acetate	7.09	43	102001	49.364	ug/l	99
38) Carbon Tetrachloride	7.91	117	154966	48.026	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001233.D
 Acq On : 15 Jan 2020 20:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 16 04:53:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	227428	47.646	ug/l	99
40) Benzene	8.17	78	543991	52.929	ug/l	99
41) Methacrylonitrile	7.35	41	133849	137.900	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	148226	51.506	ug/l	98
43) Isopropyl Acetate	8.28	43	200721	50.800	ug/l	100
44) Trichloroethene	8.94	130	133544	49.866	ug/l	96
45) 1,2-Dichloropropane	9.22	63	136611	53.766	ug/l	98
46) Dibromomethane	9.31	93	72772	52.493	ug/l	98
47) Bromodichloromethane	9.50	83	174774	51.730	ug/l	96
48) Methyl methacrylate	9.30	41	88475	48.388	ug/l	94
49) 1,4-Dioxane	9.30	88	19816	1173.726	ug/l #	80
51) 4-Methyl-2-Pentanone	10.07	43	493832	246.315	ug/l	98
52) Toluene	10.25	92	337329	51.460	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	190187	50.305	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	221396	51.940	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	107368	52.241	ug/l	99
56) Ethyl methacrylate	10.51	69	162032	51.540	ug/l	94
57) 1,3-Dichloropropane	10.79	76	187540	53.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	279766	253.018	ug/l	99
59) 2-Hexanone	10.83	43	346401	246.534	ug/l	97
60) Dibromochloromethane	10.99	129	120214	50.802	ug/l	99
61) 1,2-Dibromoethane	11.09	107	101624	50.640	ug/l	99
64) Tetrachloroethene	10.72	164	104806	48.106	ug/l	96
65) Chlorobenzene	11.52	112	345791	51.204	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	117985	50.691	ug/l	98
67) Ethyl Benzene	11.59	91	631665	51.131	ug/l	98
68) m/p-Xylenes	11.70	106	476912	102.337	ug/l	100
69) o-Xylene	12.03	106	232058	51.937	ug/l	99
70) Styrene	12.04	104	407655	51.998	ug/l	99
71) Bromoform	12.20	173	70550	49.150	ug/l #	98
73) Isopropylbenzene	12.33	105	607327	51.854	ug/l	100
74) N-amyl acetate	12.14	43	182969	50.057	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	130680	53.032	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	167790	100.605	ug/l #	100
77) Bromobenzene	12.61	156	144020	55.649	ug/l	92
78) n-propylbenzene	12.67	91	744896	52.874	ug/l	100
79) 2-Chlorotoluene	12.75	91	422182	52.180	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	509304	52.116	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	48391	49.203	ug/l #	92
82) 4-Chlorotoluene	12.85	91	440786	51.031	ug/l	99
83) tert-Butylbenzene	13.07	119	417502	50.844	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	503897	51.923	ug/l	99
85) sec-Butylbenzene	13.25	105	608482	51.509	ug/l	100
86) p-Isopropyltoluene	13.37	119	522784	50.970	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	254751	52.049	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	258505	51.318	ug/l	99
89) n-Butylbenzene	13.69	91	532273	51.526	ug/l	99
90) Hexachloroethane	13.96	117	106845	53.313	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	235803	51.839	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21047	47.349	ug/l	97

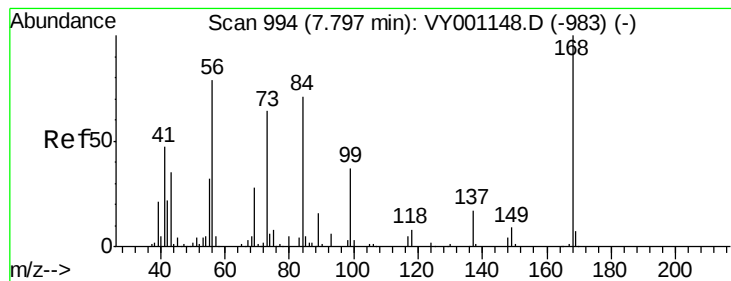
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001233.D
Acq On : 15 Jan 2020 20:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 16 04:53:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	148582	49.577	ug/l	99
94) Hexachlorobutadiene	15.11	225	70966	47.002	ug/l	99
95) Naphthalene	15.23	128	351932	50.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	130238	49.308	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

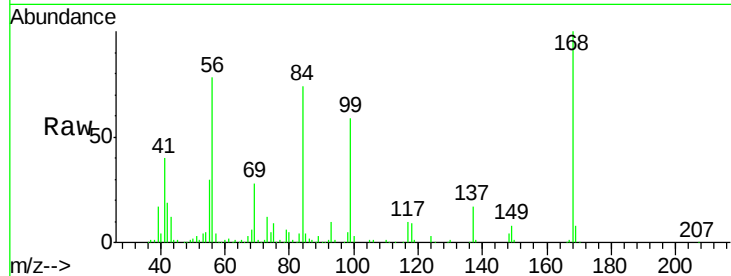
VSTDCCC050EC

Tgt Ion:168 Resp: 209849

Ion Ratio Lower Upper

168 100

99 59.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

100000

80000

60000

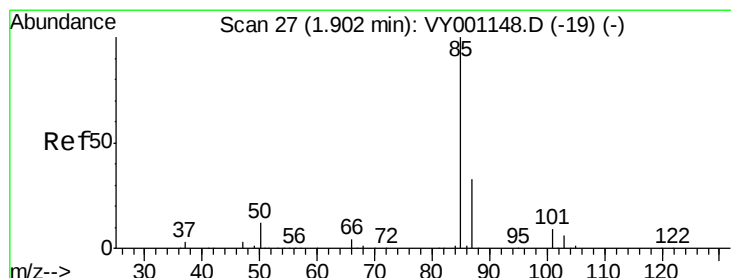
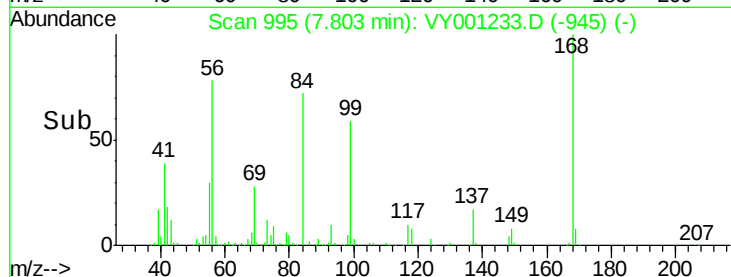
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 55.405 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY001233.D

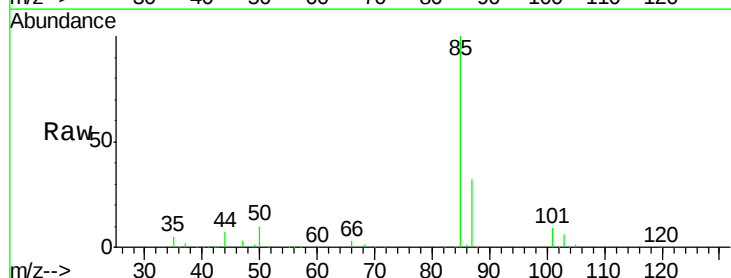
Acq: 15 Jan 2020 20:49

Tgt Ion: 85 Resp: 89292

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

1.90

60000

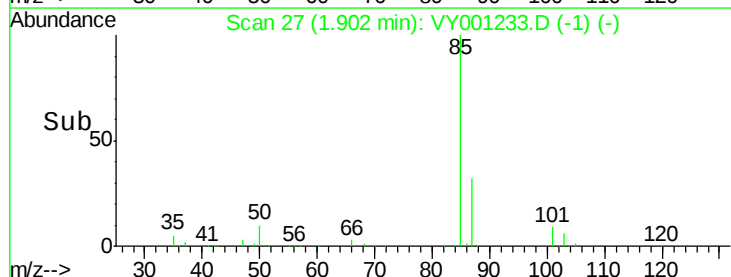
40000

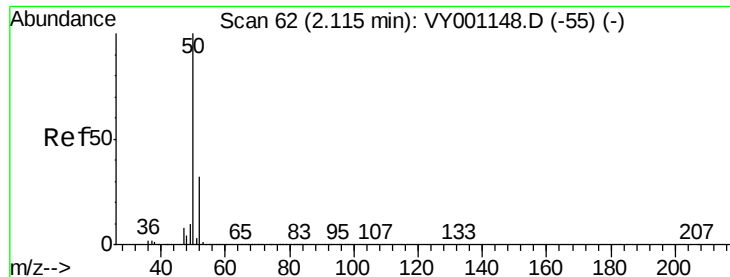
20000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 43.775 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

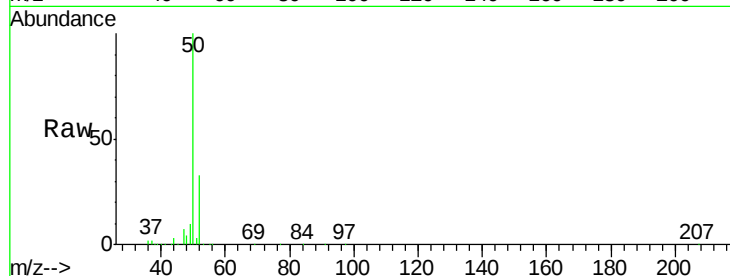
VSTDCCC050EC

Tgt Ion: 50 Resp: 101690

Ion Ratio Lower Upper

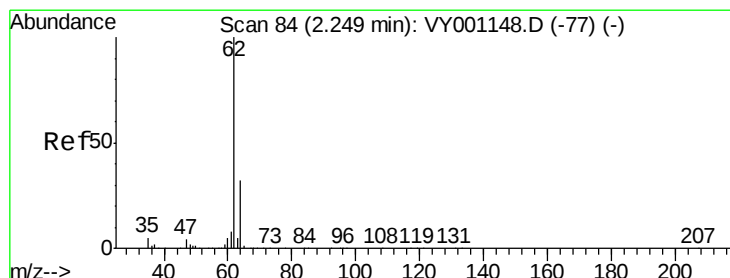
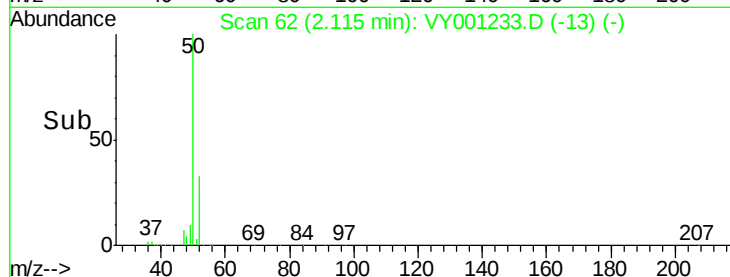
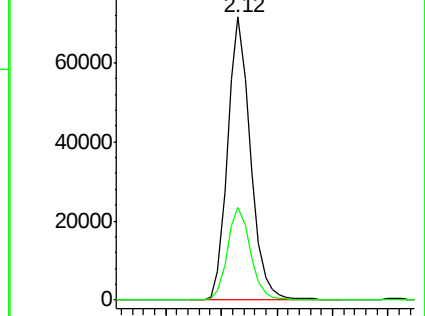
50 100

52 32.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 45.096 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001233.D

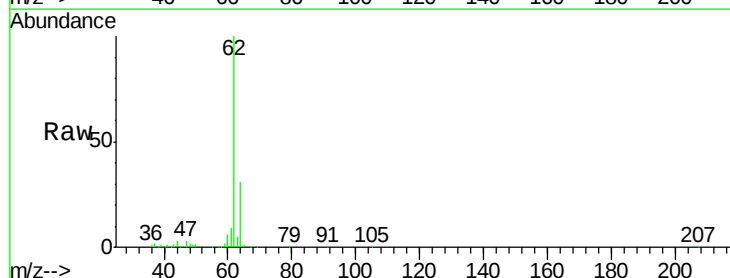
Acq: 15 Jan 2020 20:49

Tgt Ion: 62 Resp: 105539

Ion Ratio Lower Upper

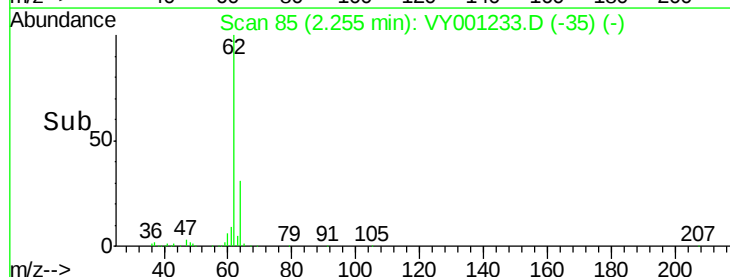
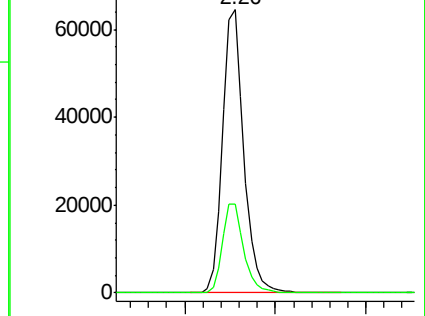
62 100

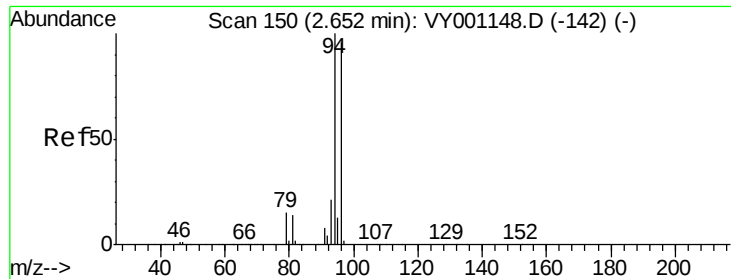
64 31.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 56.592 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

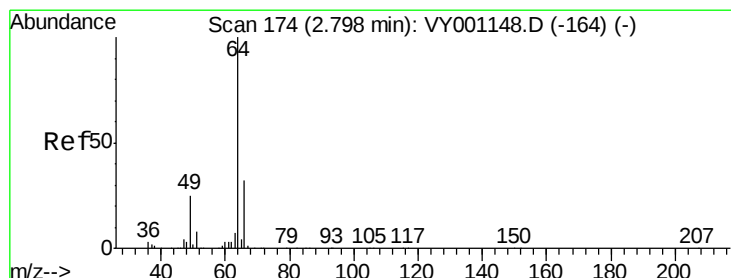
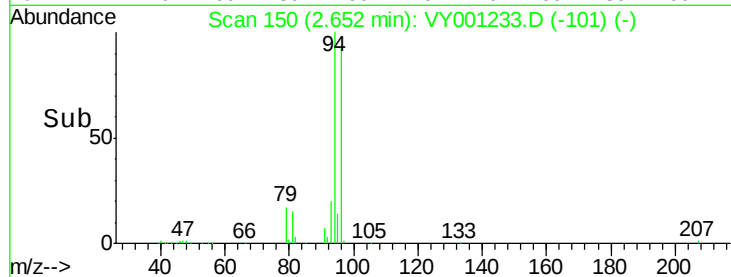
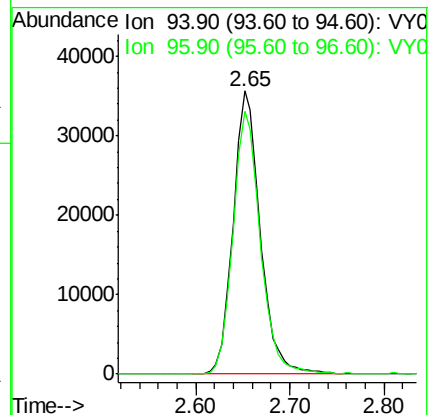
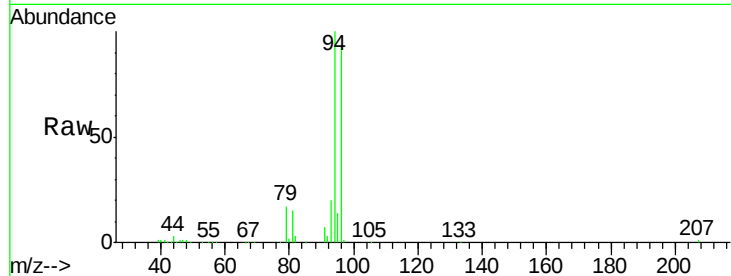
VSTDCCC050EC

Tgt Ion: 94 Resp: 71142

Ion Ratio Lower Upper

94 100

96 92.8 77.3 115.9



#6

Chloroethane

Concen: 48.602 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY001233.D

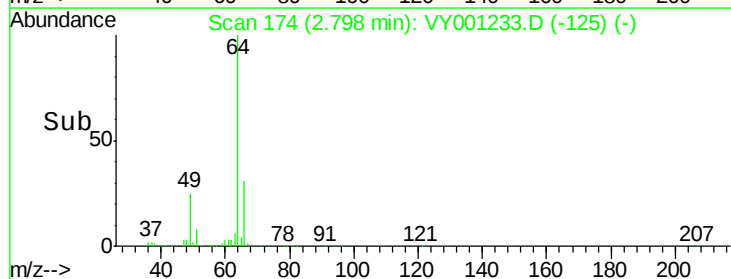
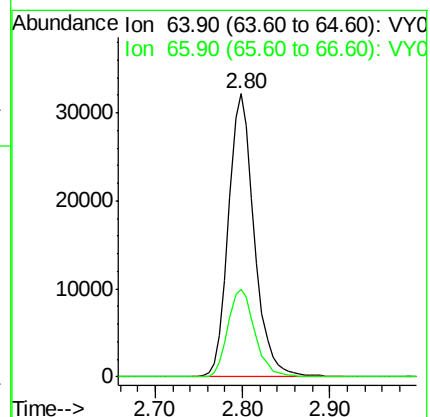
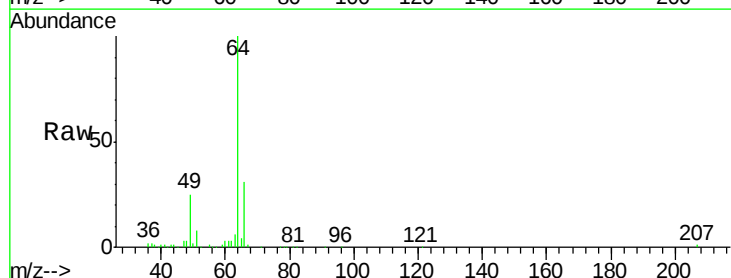
Acq: 15 Jan 2020 20:49

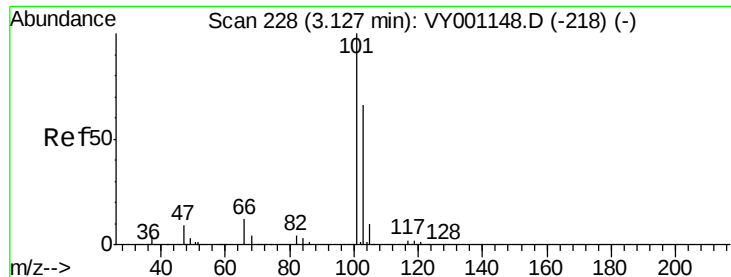
Tgt Ion: 64 Resp: 65713

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3



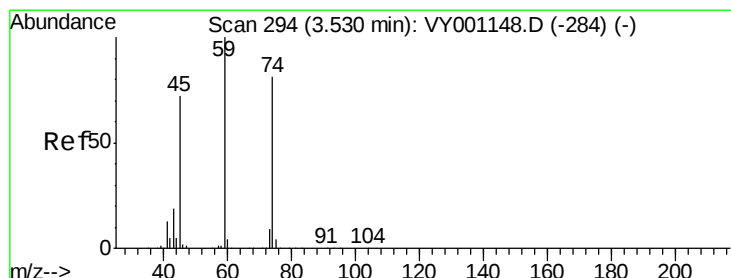
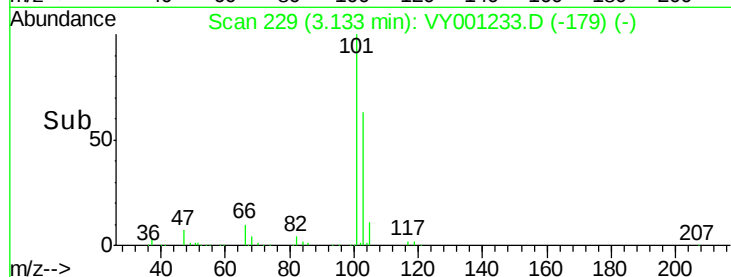
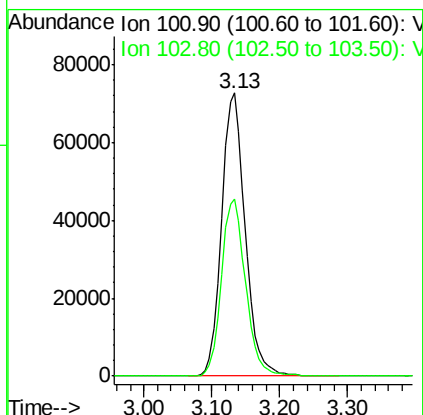
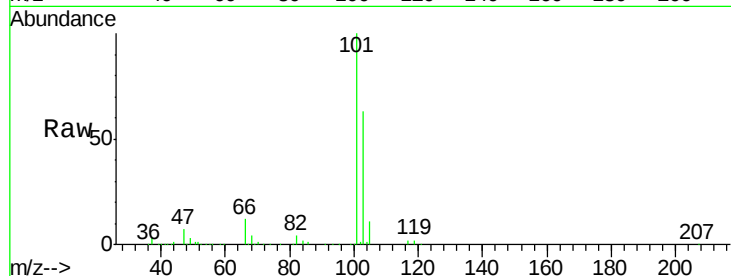


#7

Trichlorofluoromethane
Concen: 53.688 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

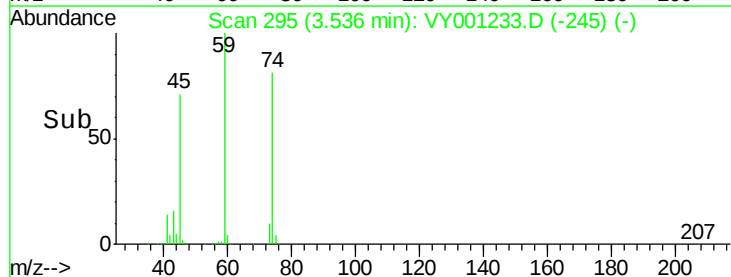
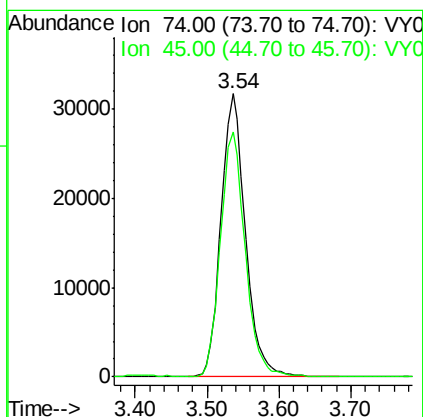
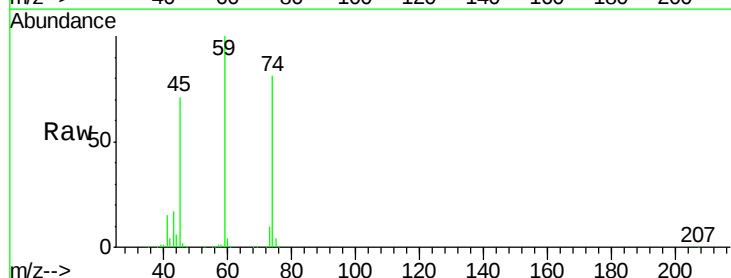
Tgt Ion:101 Resp: 174892
Ion Ratio Lower Upper
101 100
103 62.6 52.6 79.0

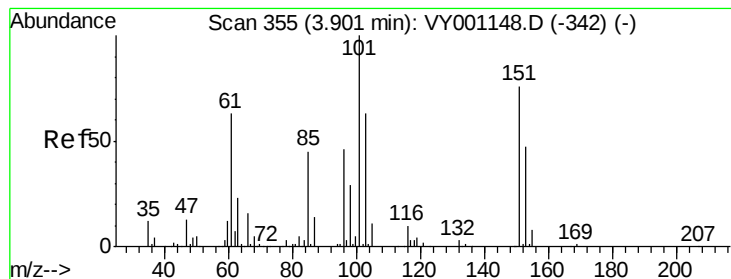


#8

Diethyl Ether
Concen: 59.399 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion: 74 Resp: 75187
Ion Ratio Lower Upper
74 100
45 87.8 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.421 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

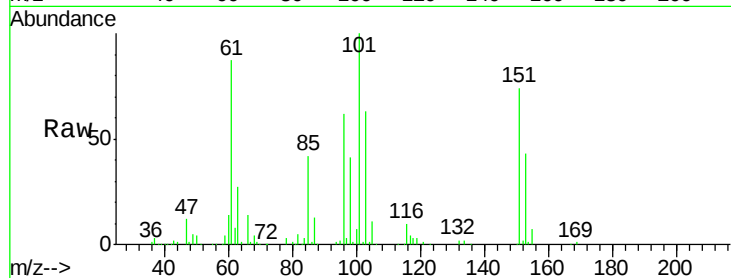
Tgt Ion:101 Resp: 114112

Ion Ratio Lower Upper

101 100

85 42.4 35.2 52.8

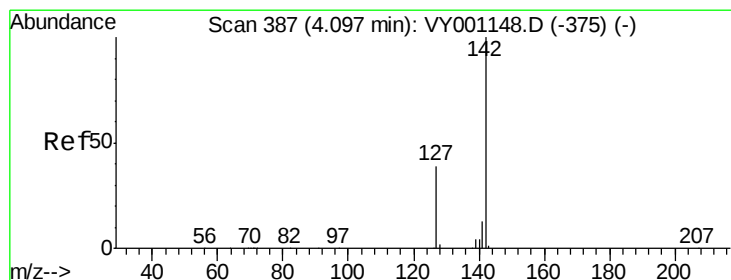
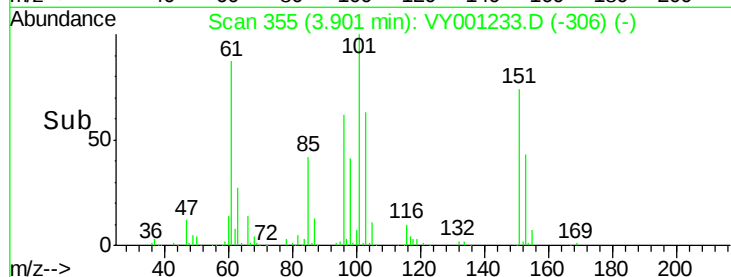
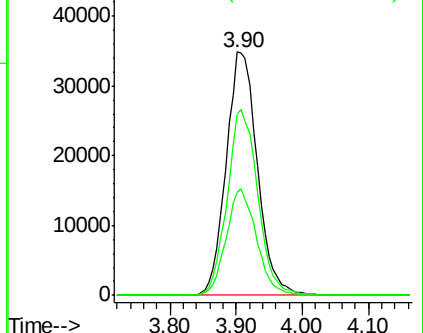
151 75.0 61.4 92.2



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: 54.386 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

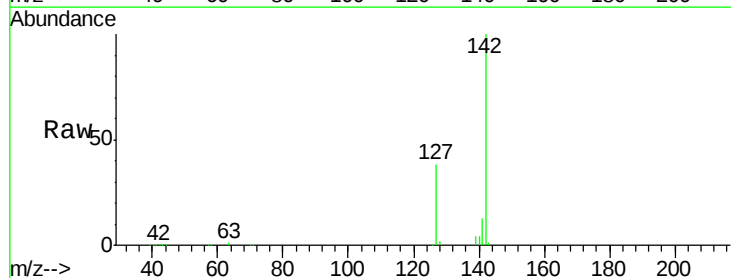
Tgt Ion:142 Resp: 156094

Ion Ratio Lower Upper

142 100

127 37.8 30.8 46.2

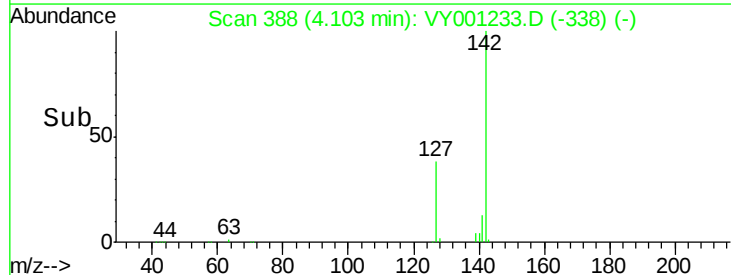
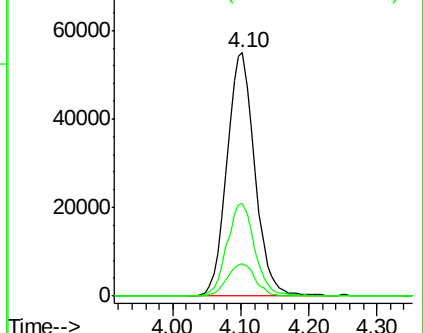
141 13.7 11.0 16.4

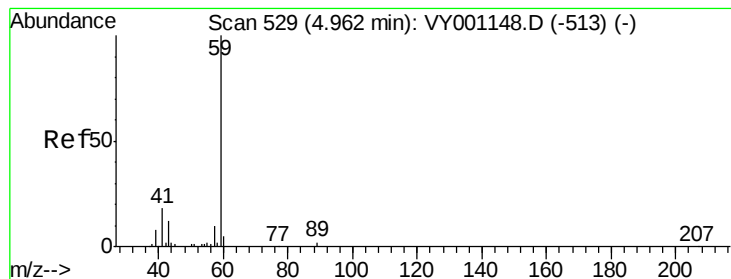


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



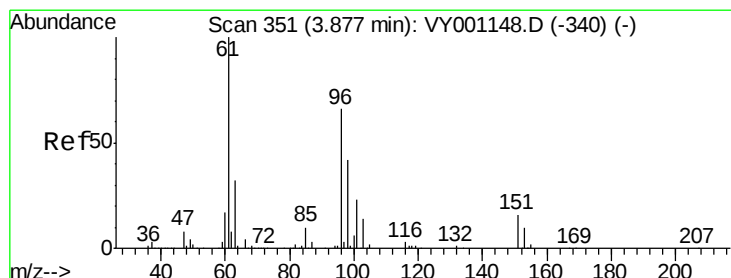
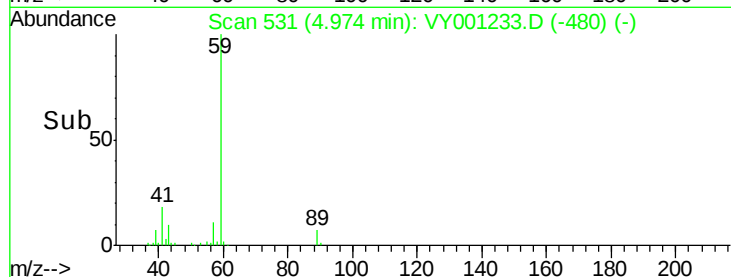
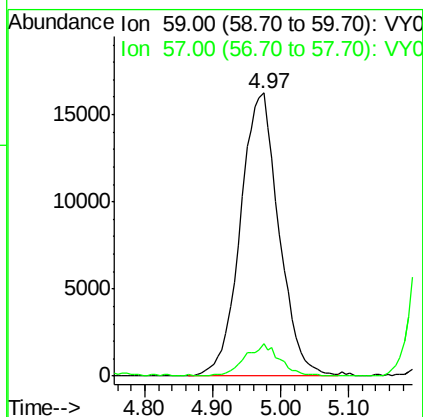
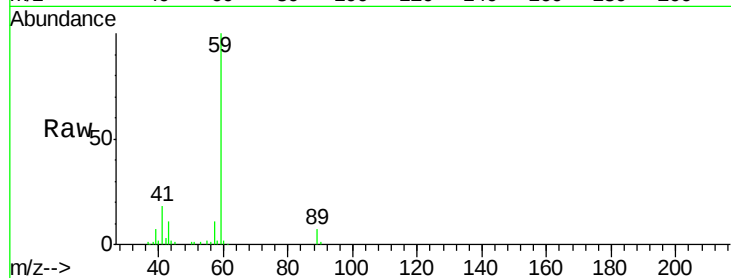


#11

Tert butyl alcohol
Concen: 286.802 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

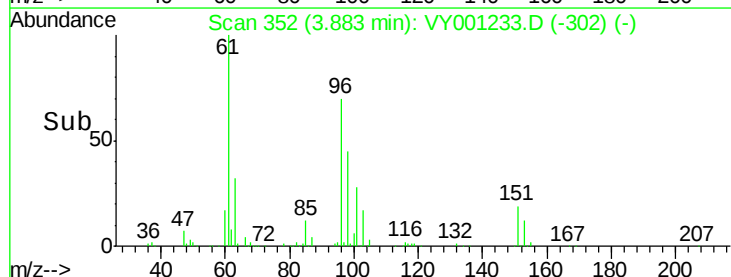
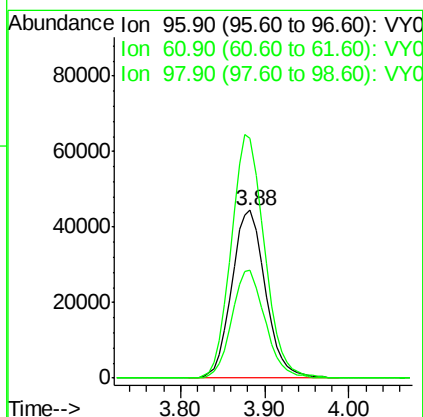
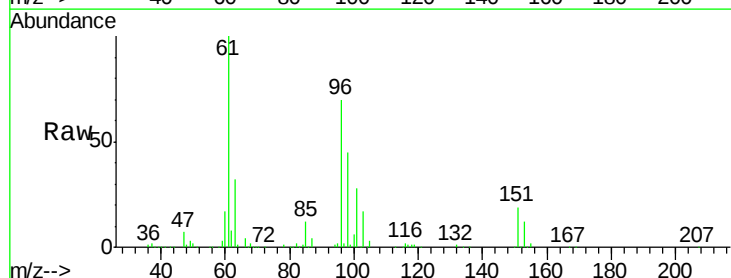
Tgt Ion: 59 Resp: 63956
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8

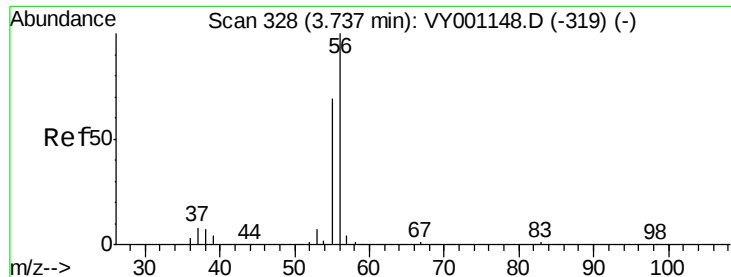


#12

1,1-Dichloroethene
Concen: 56.177 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion: 96 Resp: 120514
Ion Ratio Lower Upper
96 100
61 143.0 122.1 183.1
98 64.2 51.0 76.6





#13

Acrolein

Concen: 283.861 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

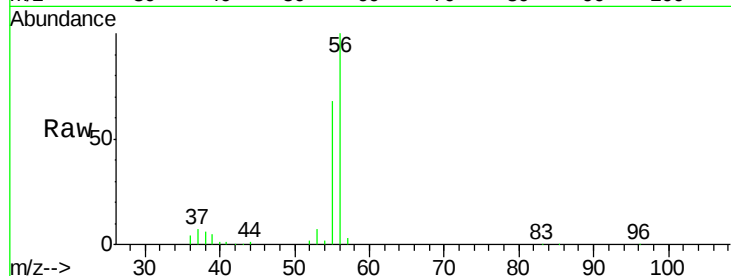
VSTDCCC050EC

Tgt Ion: 56 Resp: 56986

Ion Ratio Lower Upper

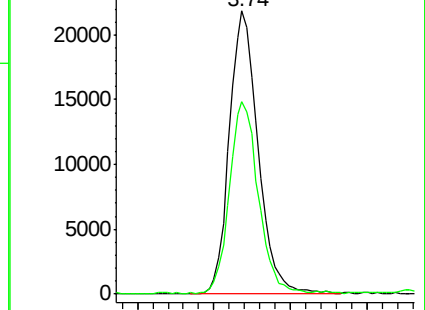
56 100

55 68.3 56.7 85.1

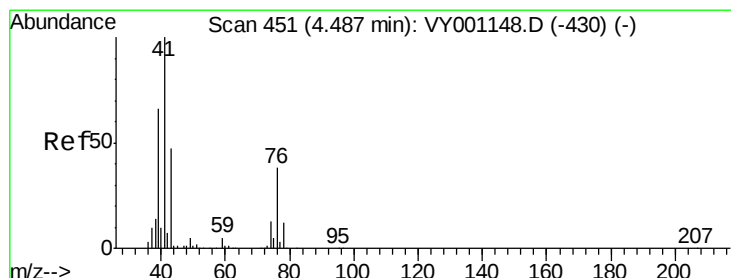
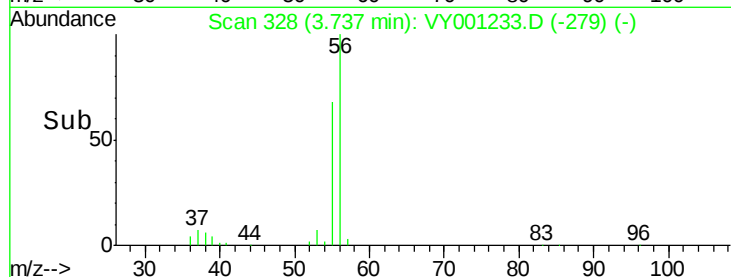


Abundance Ion 56.00 (55.70 to 56.70): VY001148.D (-319) (-)

Ion 55.00 (54.70 to 55.70): VY001148.D (-319) (-)



Time-->



#14

Allyl chloride

Concen: 53.221 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

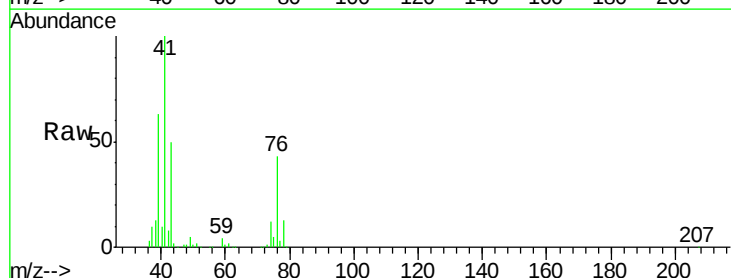
Tgt Ion: 41 Resp: 192695

Ion Ratio Lower Upper

41 100

39 60.8 52.6 78.8

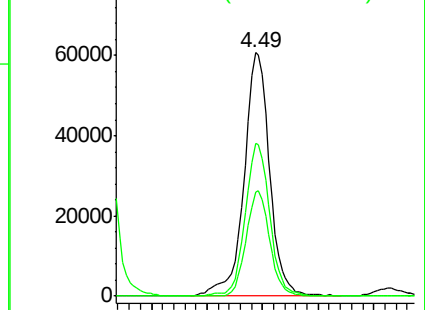
76 40.2 30.2 45.2



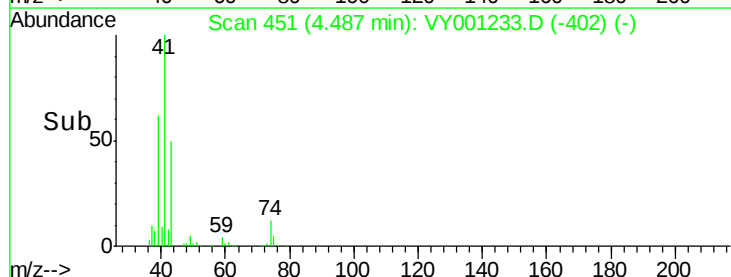
Abundance Ion 41.00 (40.70 to 41.70): VY001148.D (-430) (-)

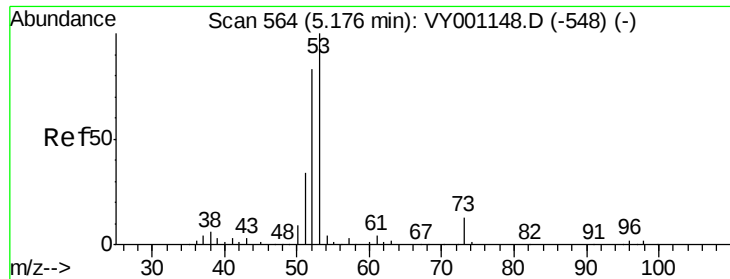
Ion 39.00 (38.70 to 39.70): VY001148.D (-430) (-)

Ion 75.90 (75.60 to 76.60): VY001148.D (-430) (-)



Time-->

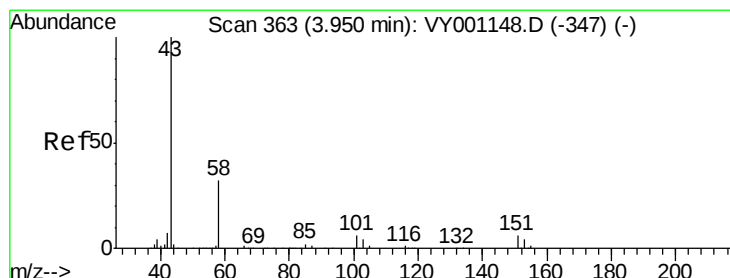
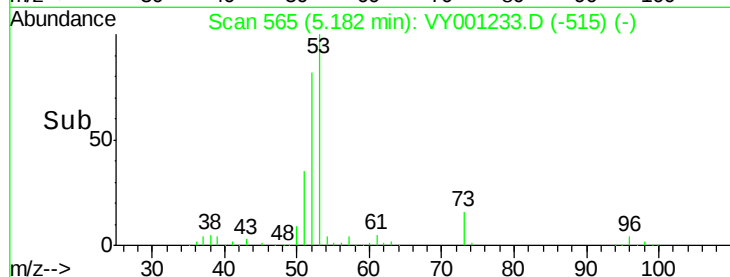
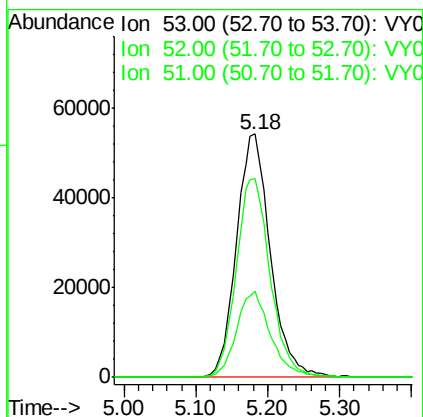
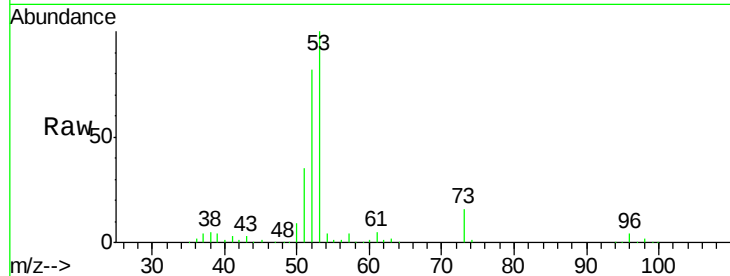




#15
 Acrylonitrile
 Concen: 280.720 ug/l
 RT: 5.18 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

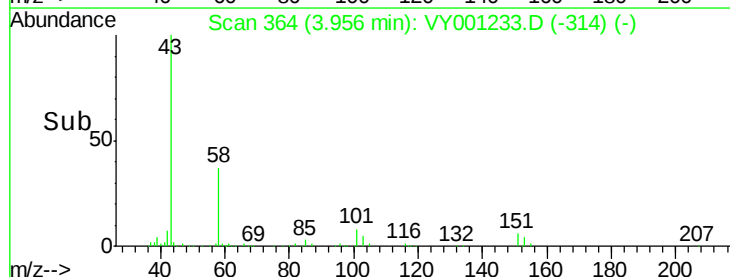
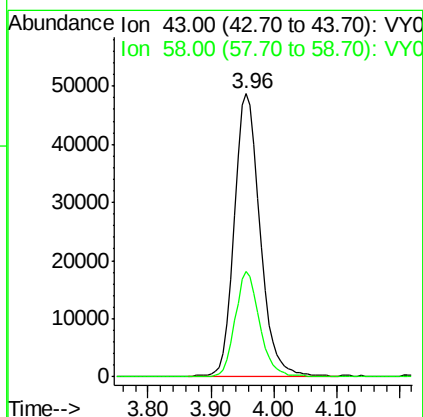
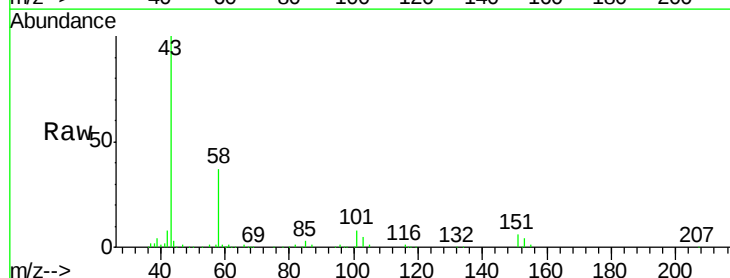
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

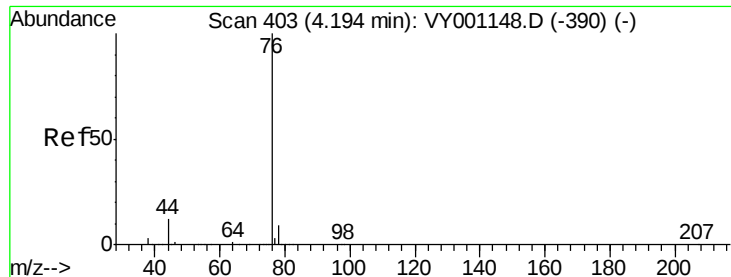
Tgt Ion: 53 Resp: 177712
 Ion Ratio Lower Upper
 53 100
 52 81.7 65.7 98.5
 51 35.4 28.7 43.1



#16
 Acetone
 Concen: 267.895 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion: 43 Resp: 137895
 Ion Ratio Lower Upper
 43 100
 58 37.3 25.8 38.6





#17

Carbon Disulfide

Concen: 55.000 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

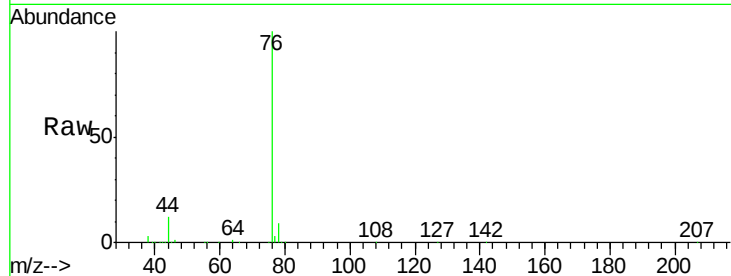
VSTDCCC050EC

Tgt Ion: 76 Resp: 381880

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

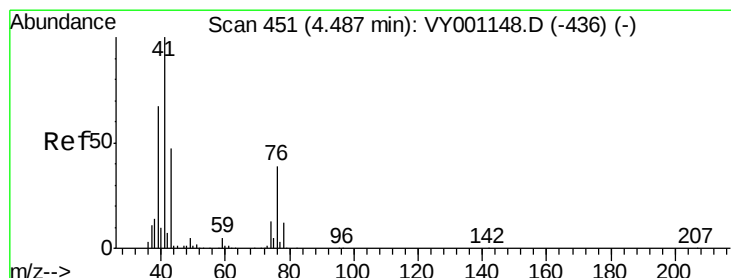
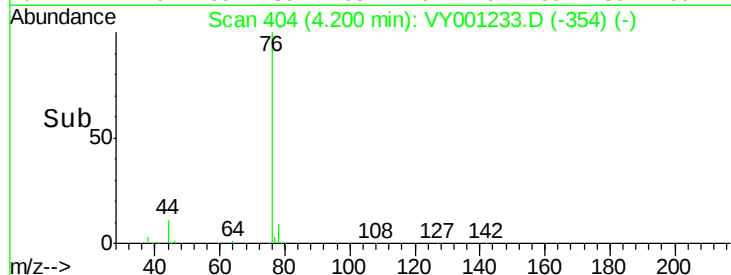
150000

100000

50000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 52.758 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY001233.D

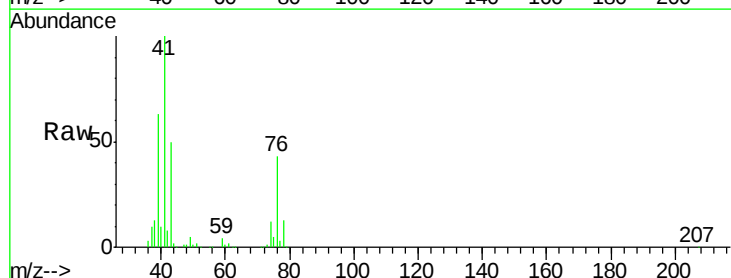
Acq: 15 Jan 2020 20:49

Tgt Ion: 43 Resp: 89785

Ion Ratio Lower Upper

43 100

74 25.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

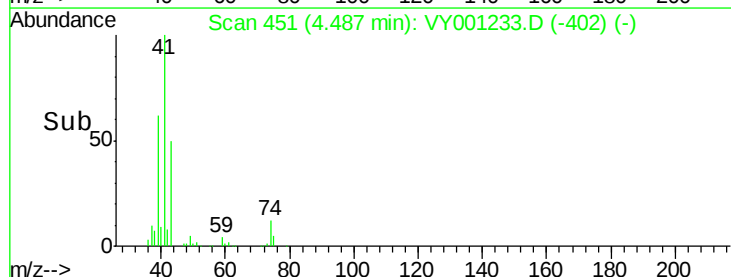
30000

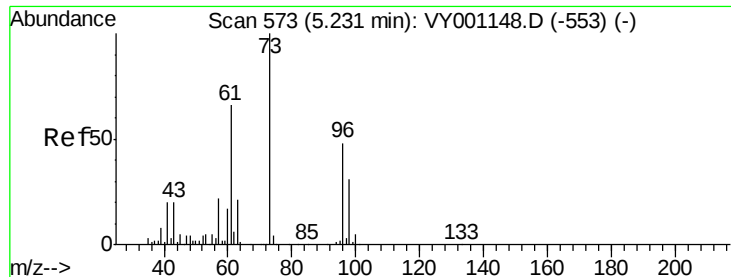
20000

10000

0

Time--> 4.30 4.40 4.50 4.60 4.70

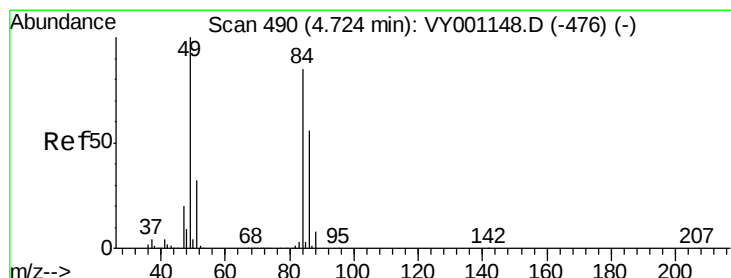
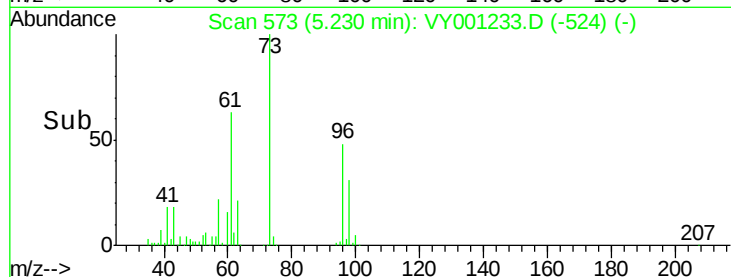
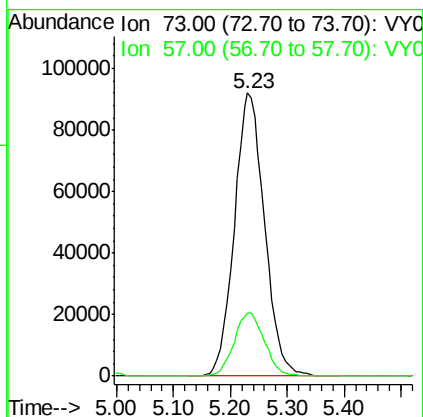
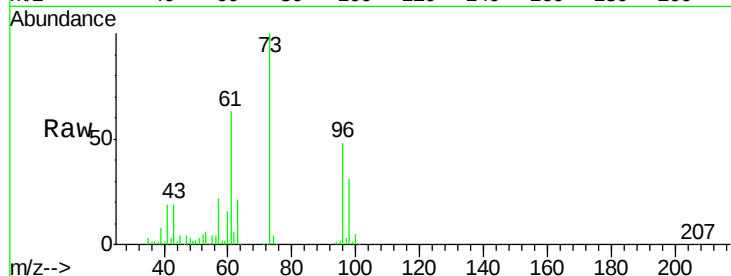




#19
Methyl tert-butyl Ether
Concen: 57.121 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

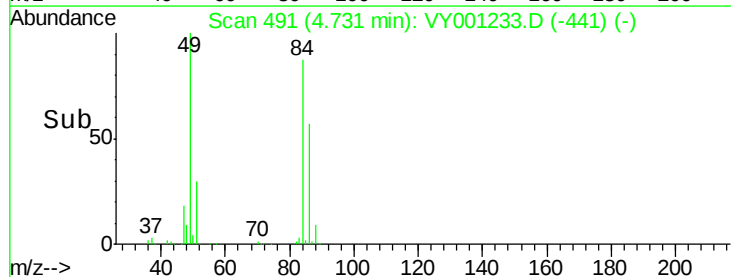
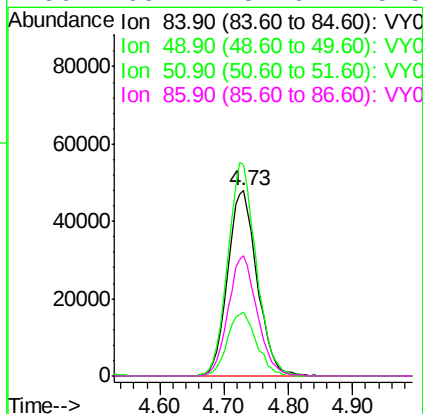
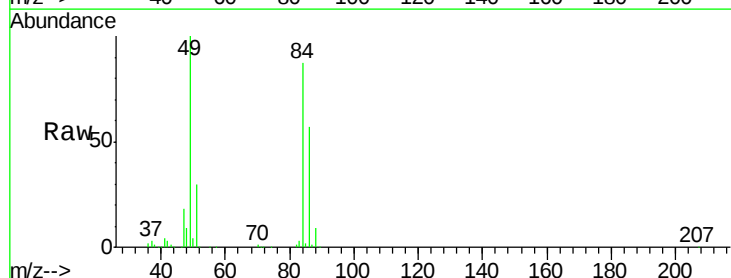
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

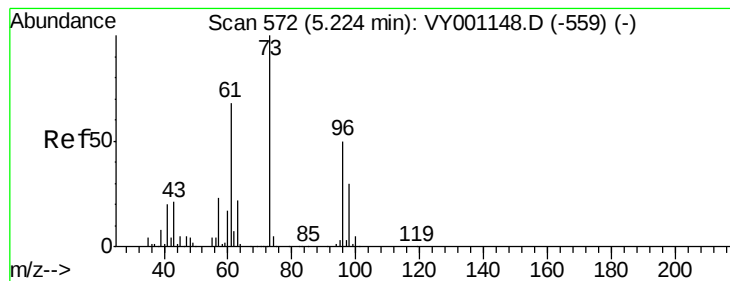
Tgt Ion: 73 Resp: 338956
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.6



#20
Methylene Chloride
Concen: 65.438 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion: 84 Resp: 152879
Ion Ratio Lower Upper
84 100
49 114.3 93.8 140.6
51 34.7 29.9 44.9
86 65.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 56.964 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

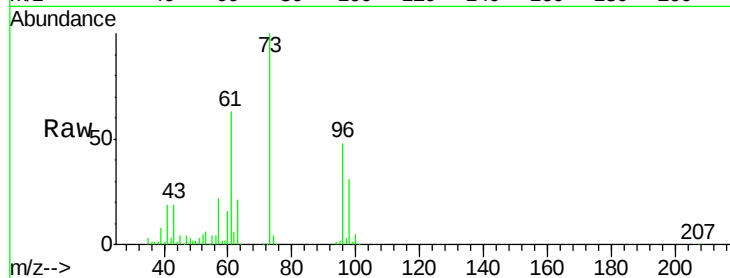
Tgt Ion: 96 Resp: 138565

Ion Ratio Lower Upper

96 100

61 130.3 107.6 161.4

98 63.8 47.6 71.4

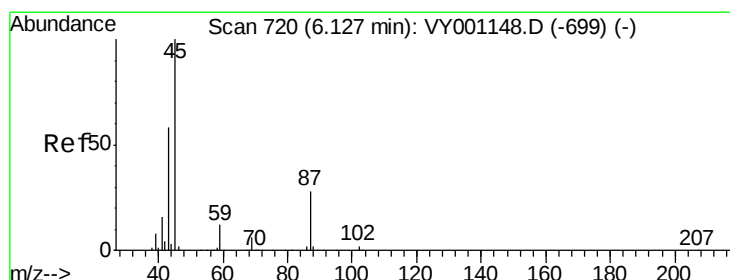
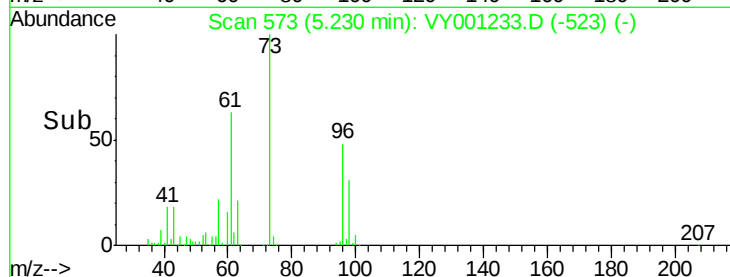
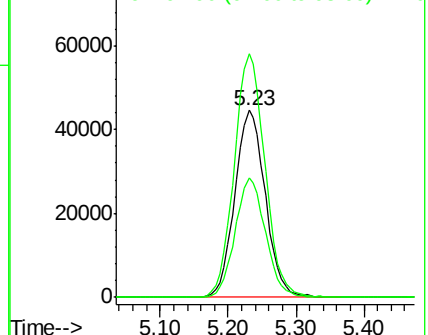


Abundance

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# 721

Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Tgt Ion: 45 Resp: 405644

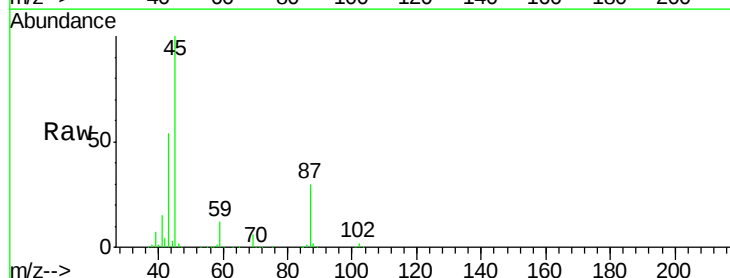
Ion Ratio Lower Upper

45 100

43 53.6 46.5 69.7

87 29.7 22.5 33.7

59 12.2 9.4 14.0



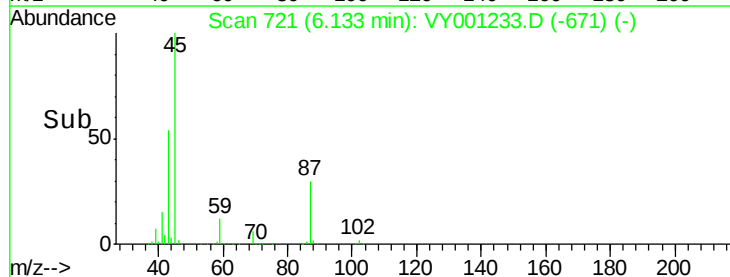
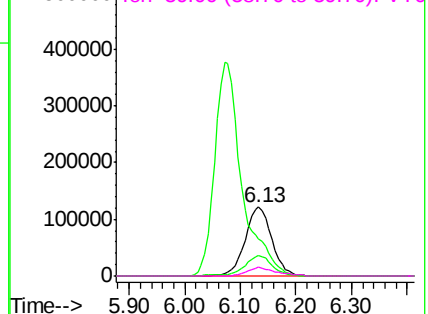
Abundance

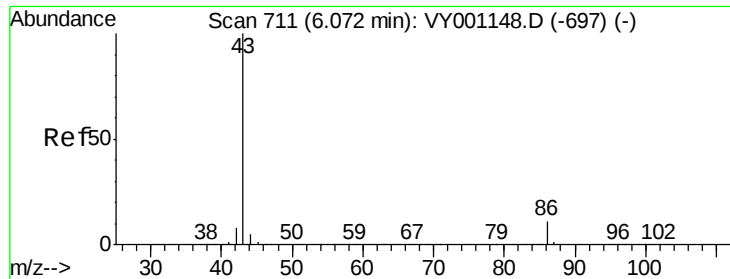
Ion 45.00 (44.70 to 45.70): VY0

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

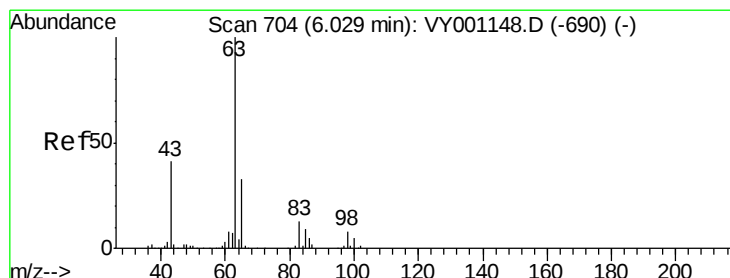
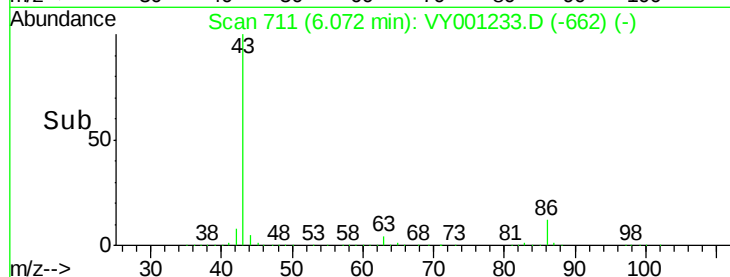
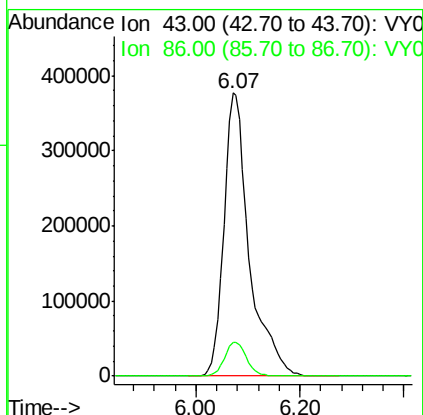
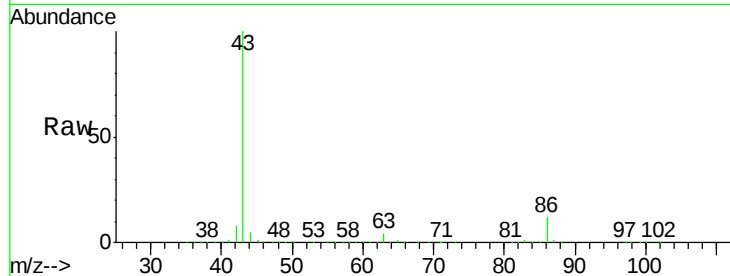




#23
 Vinyl Acetate
 Concen: 271.105 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

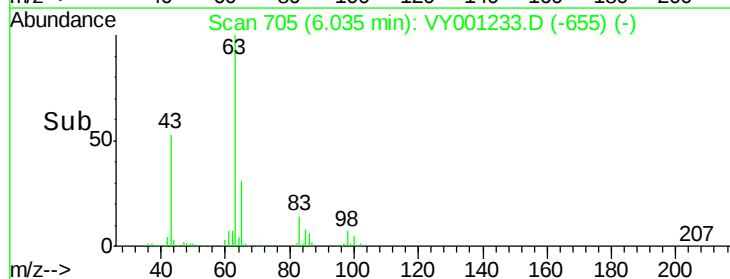
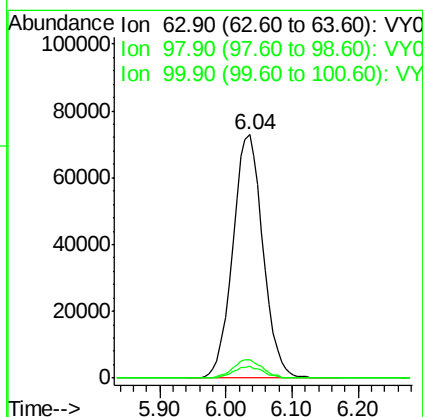
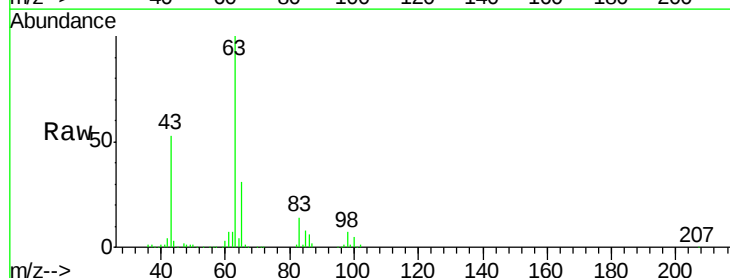
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

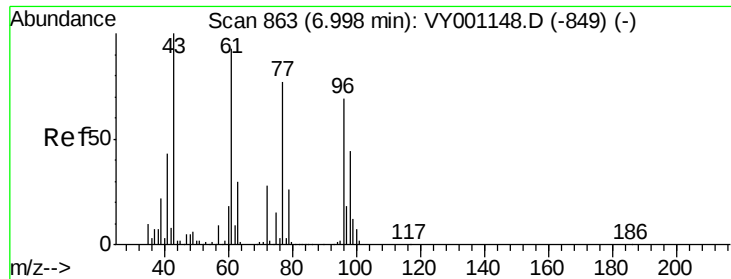
Tgt Ion: 43 Resp: 1282203
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 56.826 ug/l
 RT: 6.04 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion: 63 Resp: 230064
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 5.0 2.4 7.2

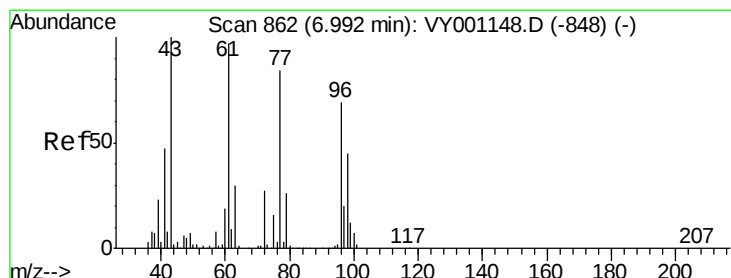
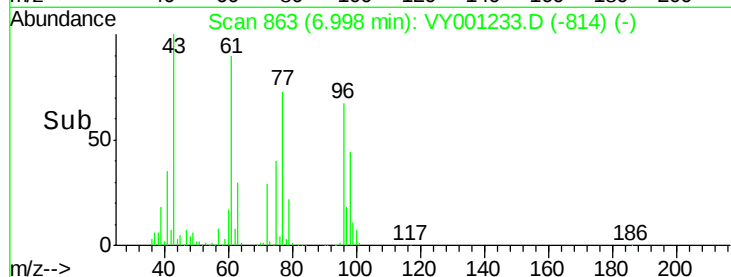
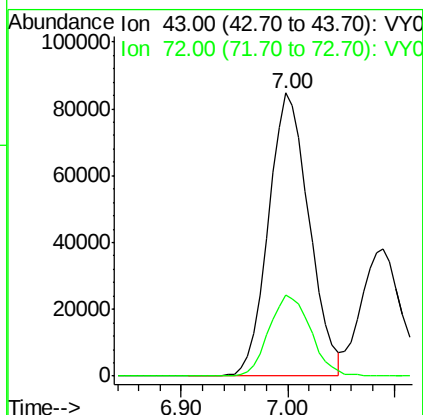
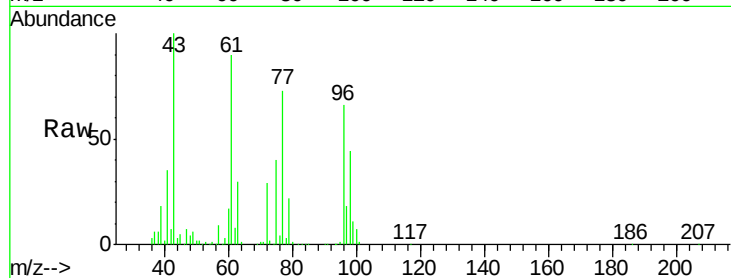




#25
2-Butanone
Concen: 279.458 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

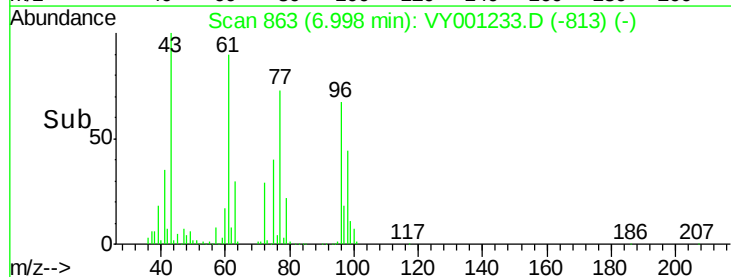
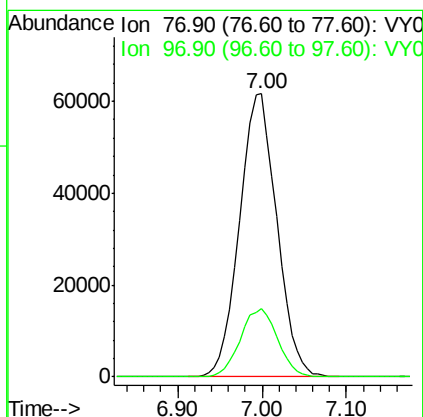
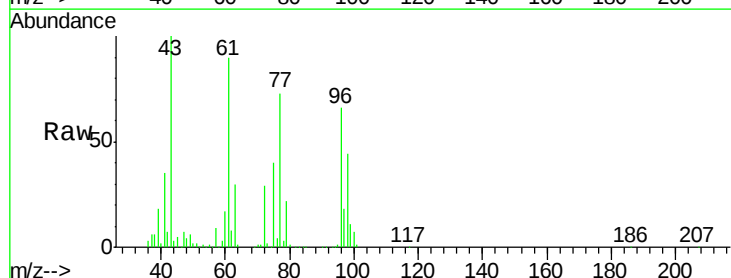
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

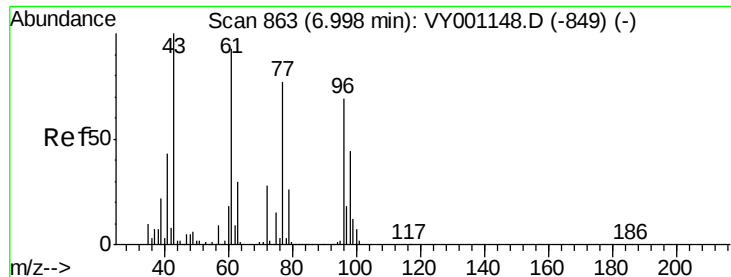
Tgt Ion: 43 Resp: 223876
Ion Ratio Lower Upper
43 100
72 28.8 22.2 33.2



#26
2,2-Dichloropropane
Concen: 49.745 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion: 77 Resp: 185199
Ion Ratio Lower Upper
77 100
97 24.2 11.9 35.7



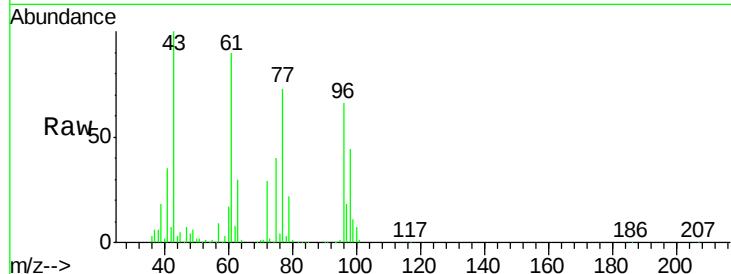


#27

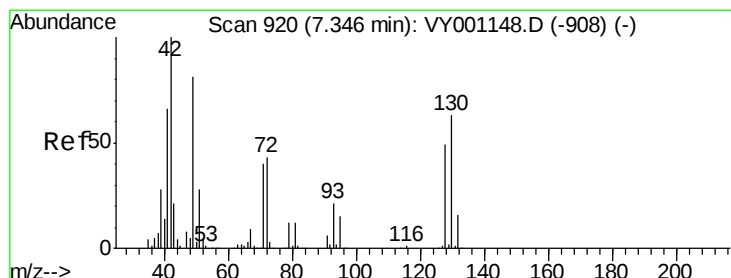
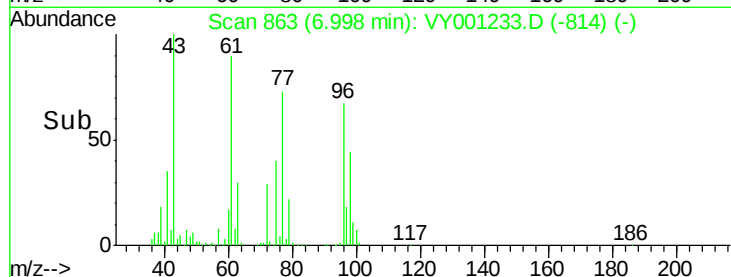
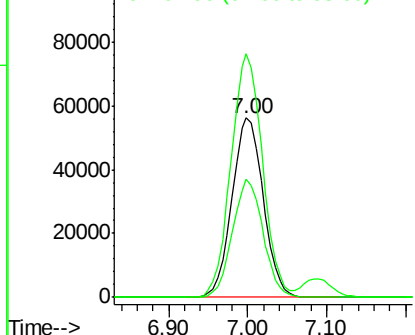
cis-1,2-Dichloroethene
Concen: 58.363 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 155561
Ion Ratio Lower Upper
96 100
61 136.6 0.0 284.0
98 64.1 0.0 130.2



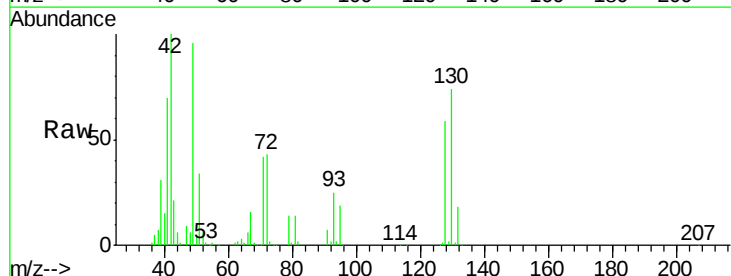
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



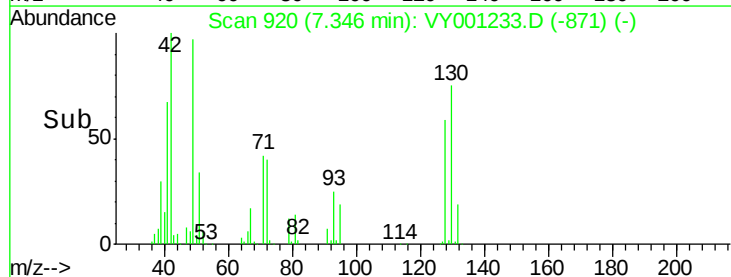
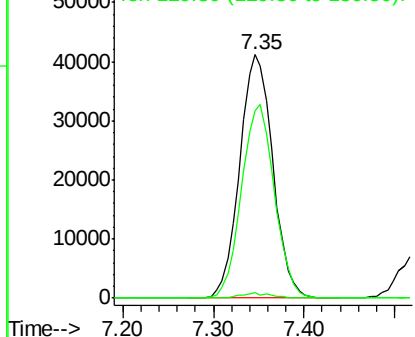
#28

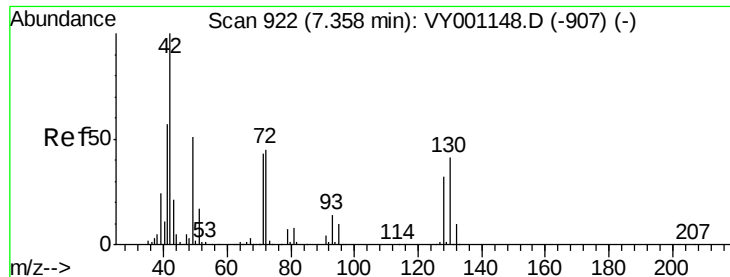
Bromochloromethane
Concen: 62.896 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion: 49 Resp: 104564
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.4
130 79.0 61.2 91.8



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

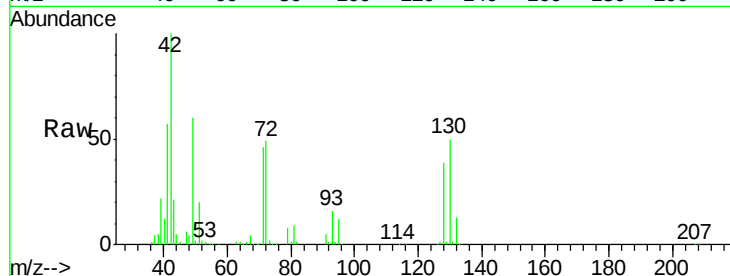




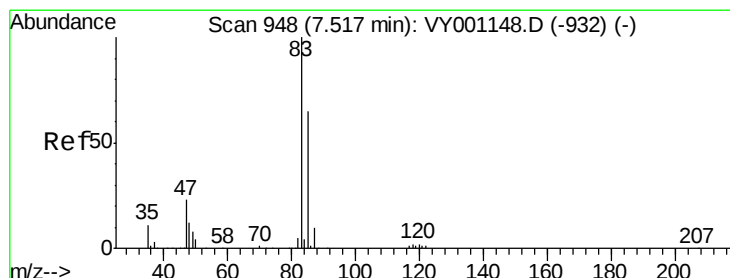
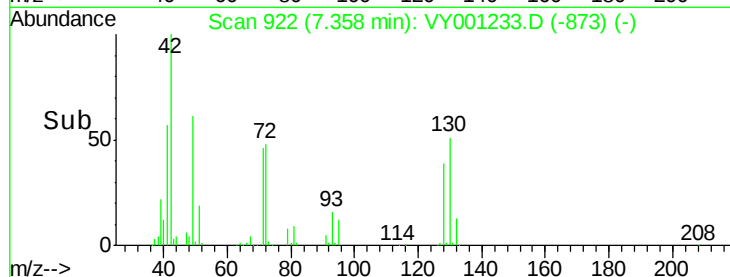
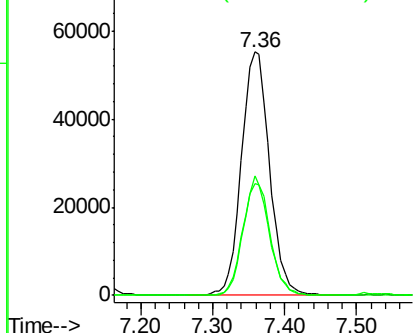
#29
Tetrahydrofuran
Concen: 272.404 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 149550
Ion Ratio Lower Upper
42 100
72 46.2 36.9 55.3
71 44.4 34.0 51.0

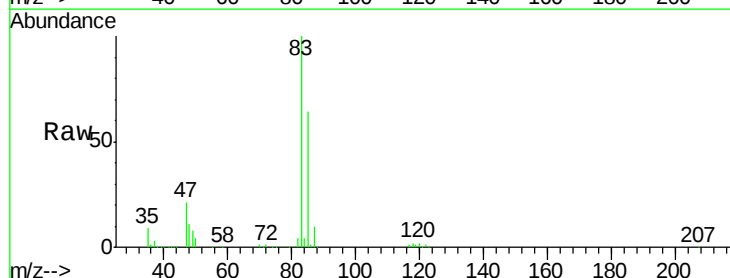


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

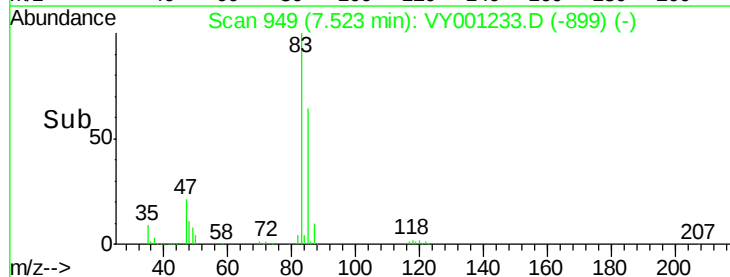
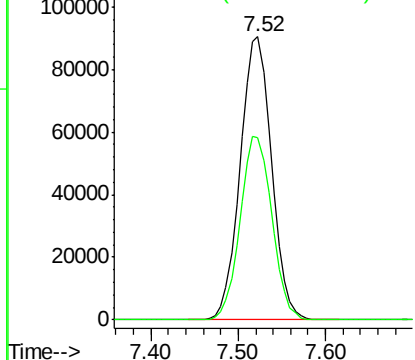


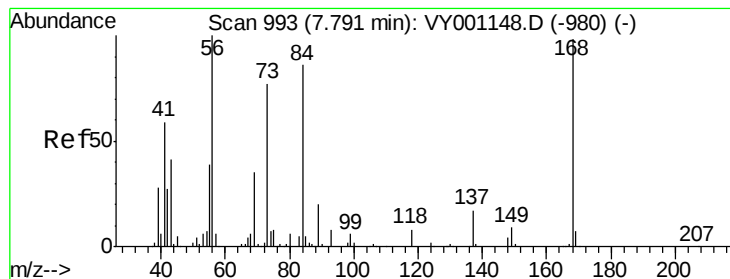
#30
Chloroform
Concen: 56.804 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion: 83 Resp: 225335
Ion Ratio Lower Upper
83 100
85 64.5 51.9 77.9



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





#31

Cyclohexane

Concen: 49.359 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

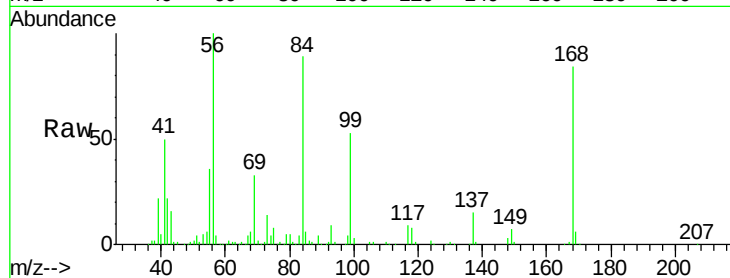
Tgt Ion: 56 Resp: 211583

Ion Ratio Lower Upper

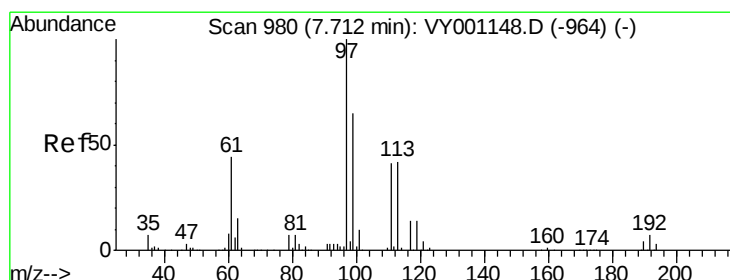
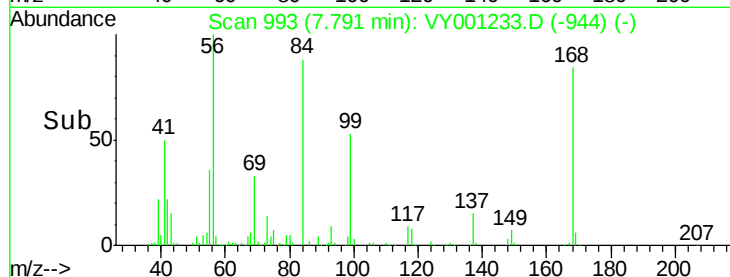
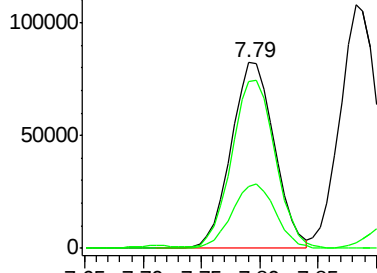
56 100

69 33.2 27.8 41.8

84 88.0 68.9 103.3



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



#32

1,1,1-Trichloroethane

Concen: 53.119 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

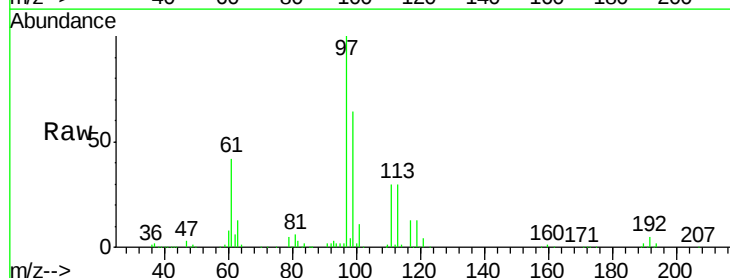
Tgt Ion: 97 Resp: 186964

Ion Ratio Lower Upper

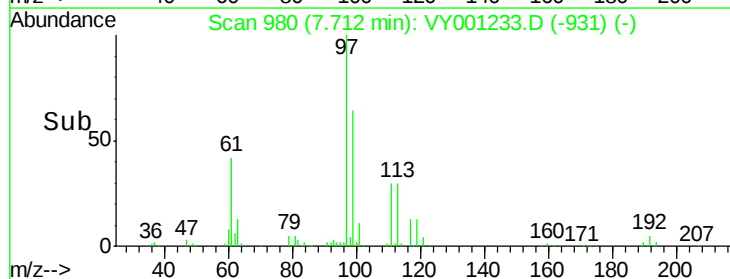
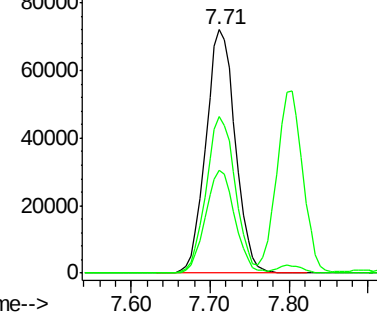
97 100

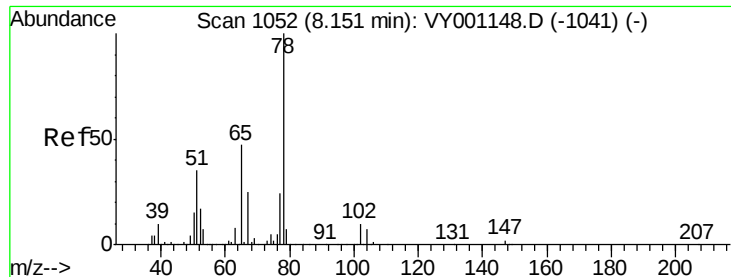
99 64.1 51.3 76.9

61 42.2 34.6 52.0



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

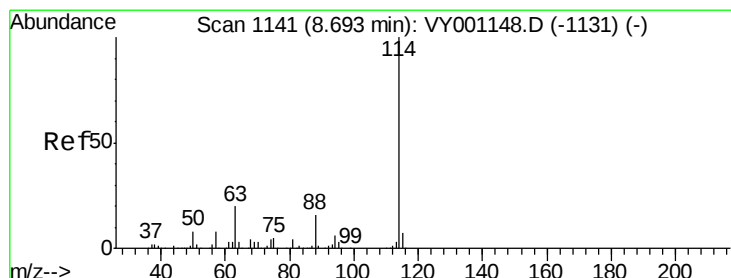
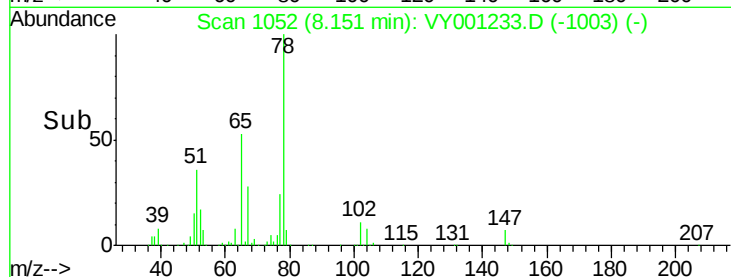
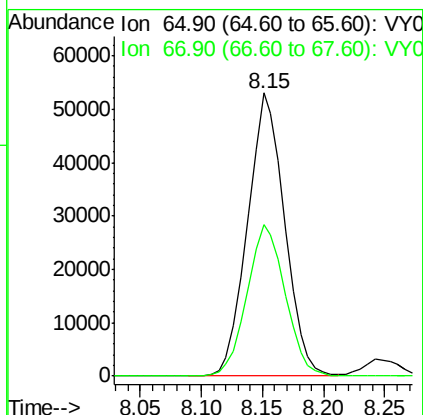
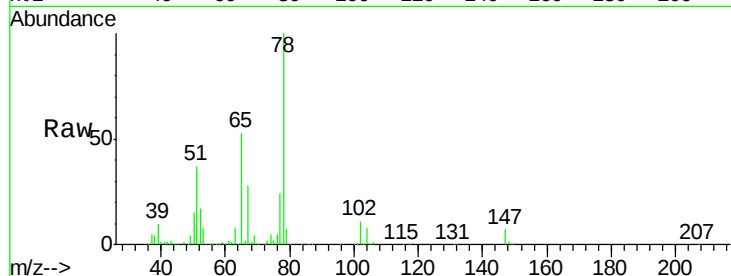




#33
 1,2-Dichloroethane-d4
 Concen: 50.553 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

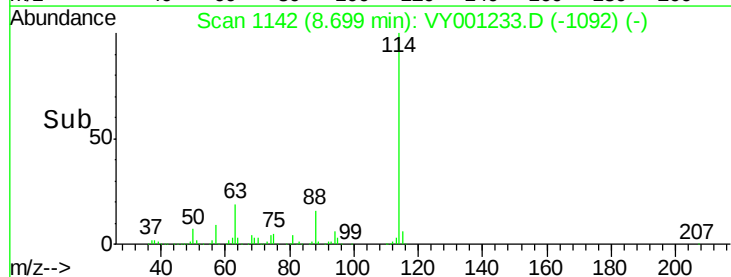
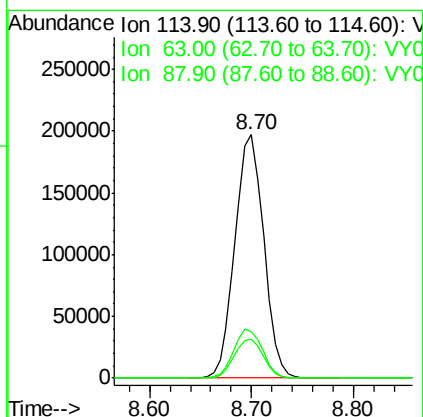
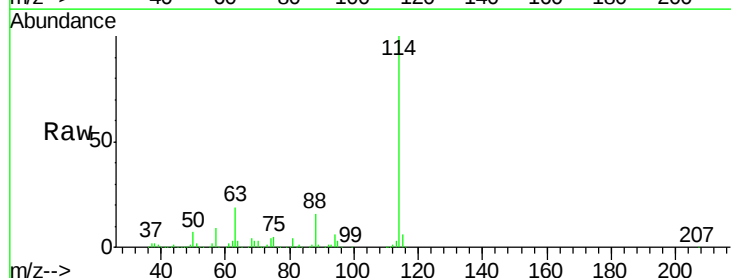
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

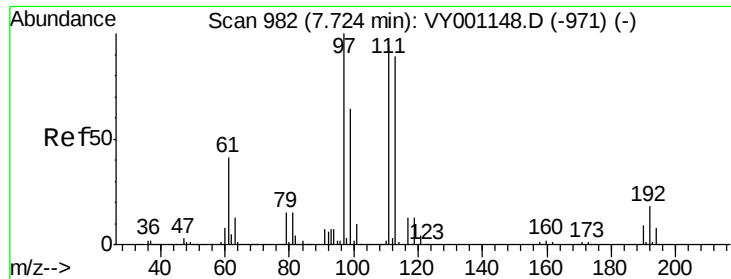
Tgt Ion: 65 Resp: 112045
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion: 114 Resp: 386298
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.8
 88 15.8 0.0 32.4

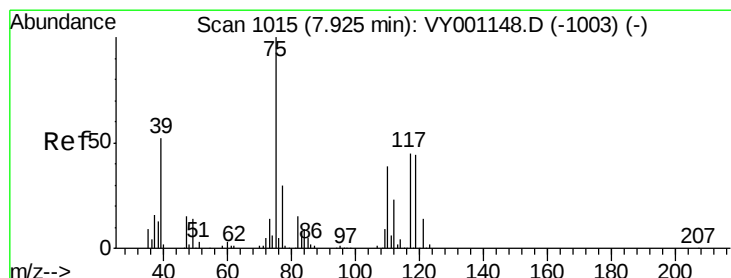
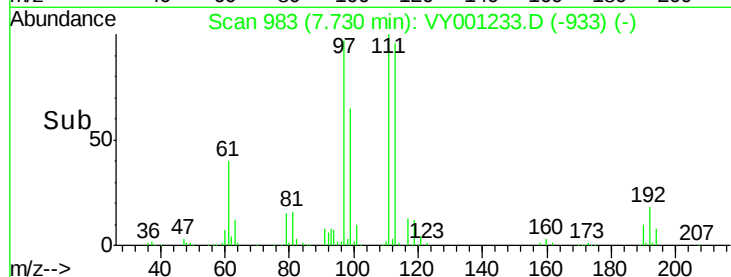
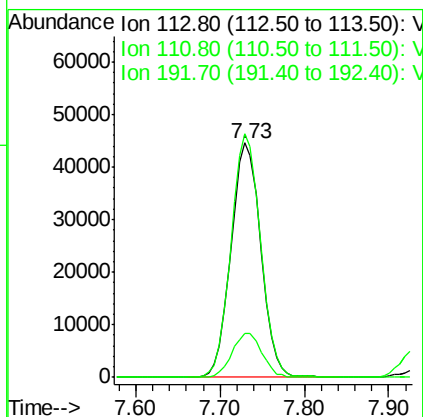
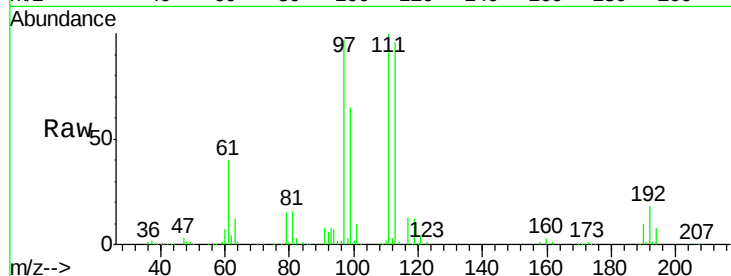




#35
 Dibromofluoromethane
 Concen: 47.027 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

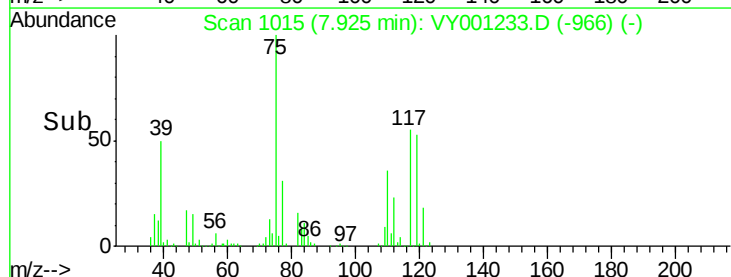
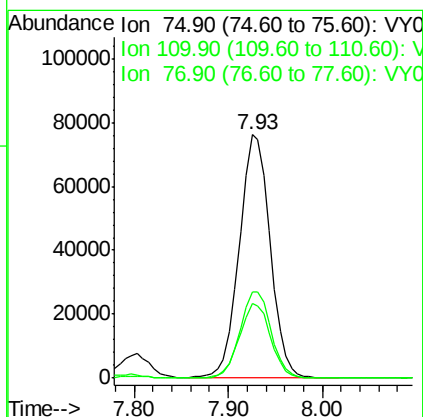
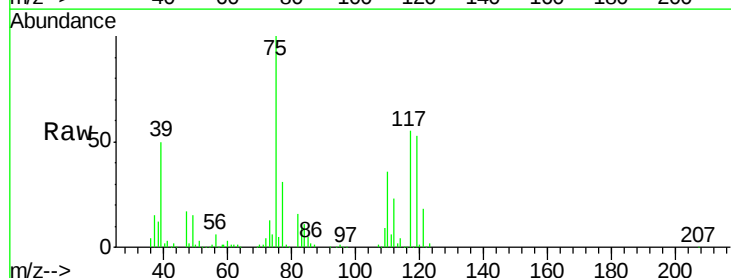
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

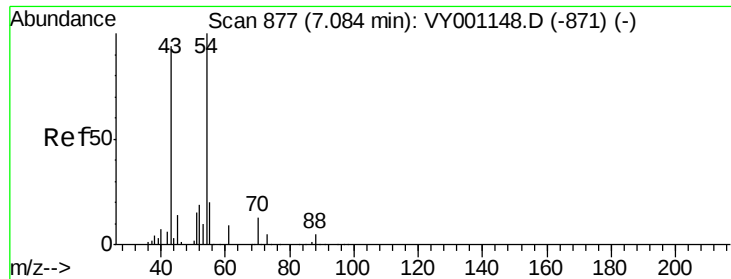
Tgt Ion:113 Resp: 106365
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 19.0 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 49.700 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion: 75 Resp: 174987
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.3 54.8
 77 31.1 25.1 37.7

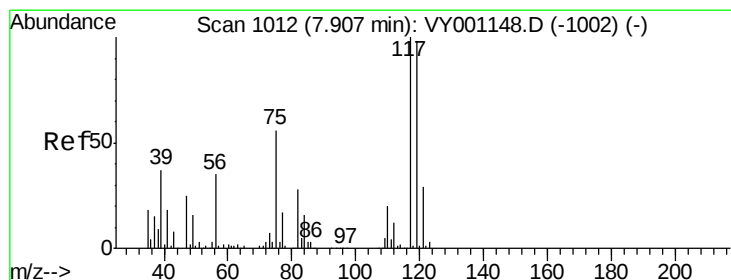
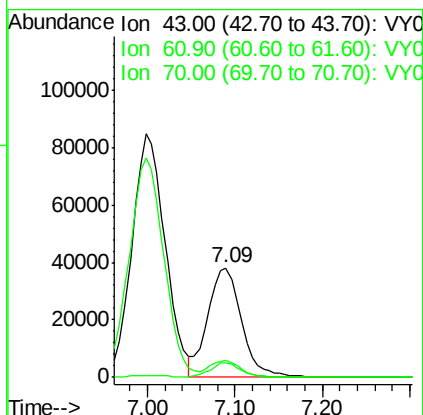
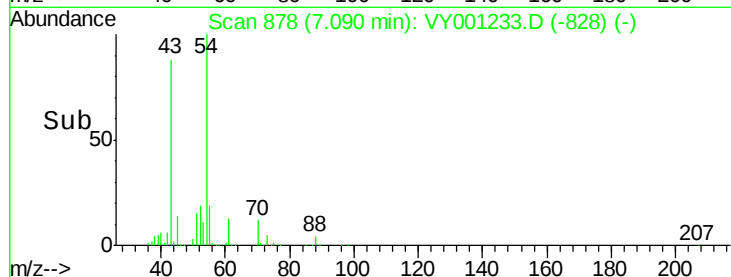
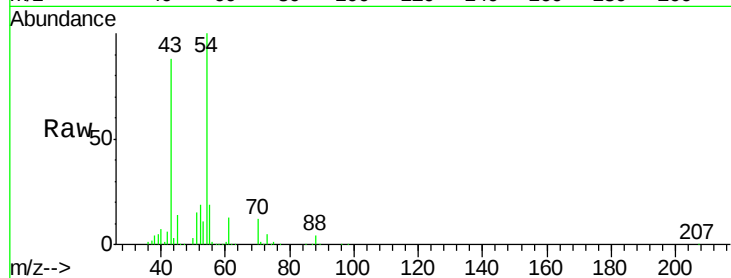




#37
Ethyl Acetate
Concen: 49.364 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

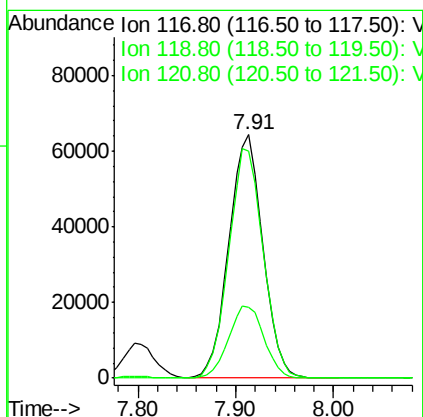
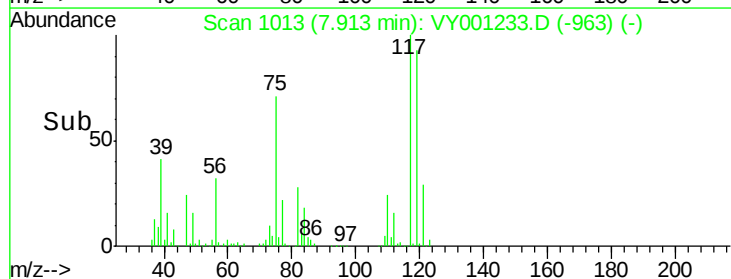
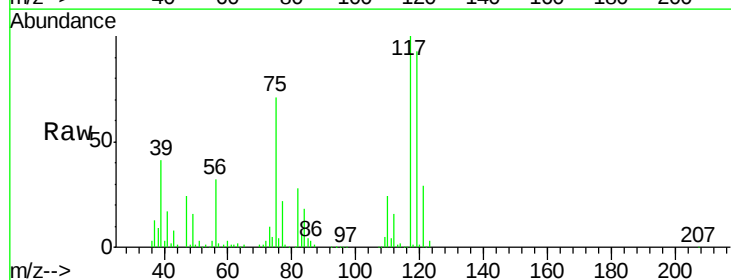
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

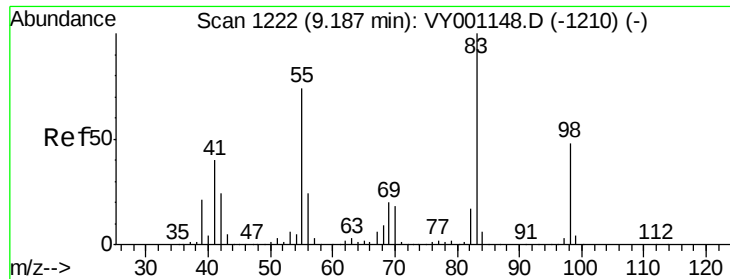
Tgt Ion: 43 Resp: 102001
Ion Ratio Lower Upper
43 100
61 14.4 11.1 16.7
70 12.4 9.7 14.5



#38
Carbon Tetrachloride
Concen: 48.026 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion: 117 Resp: 154966
Ion Ratio Lower Upper
117 100
119 93.0 78.3 117.5
121 29.0 23.5 35.3

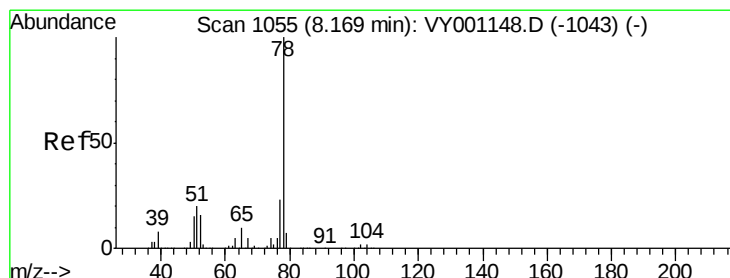
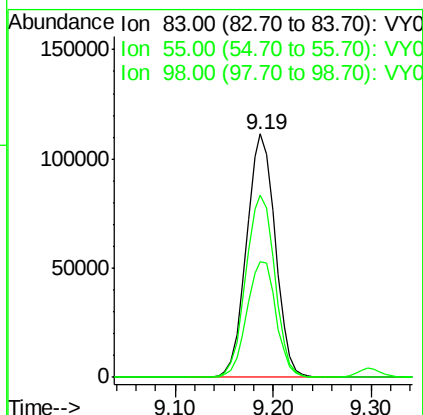
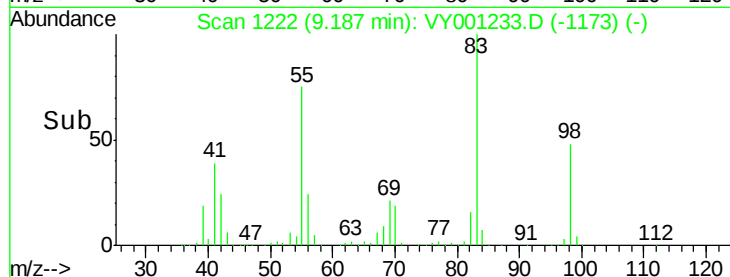
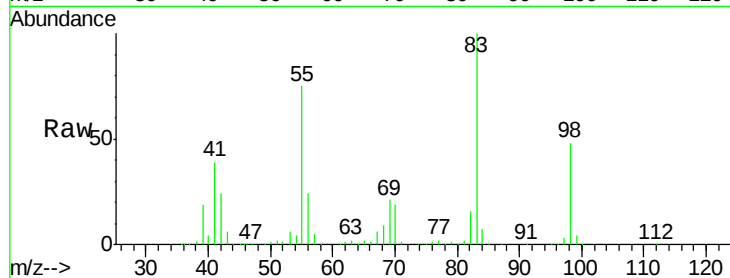




#39
Methylcyclohexane
Concen: 47.646 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

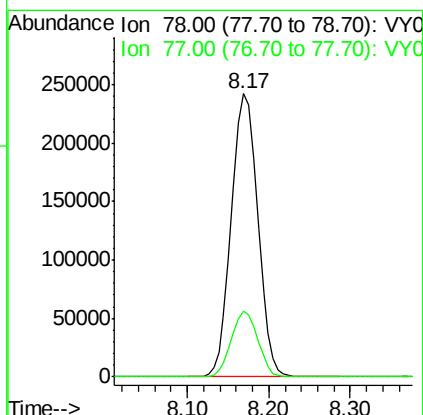
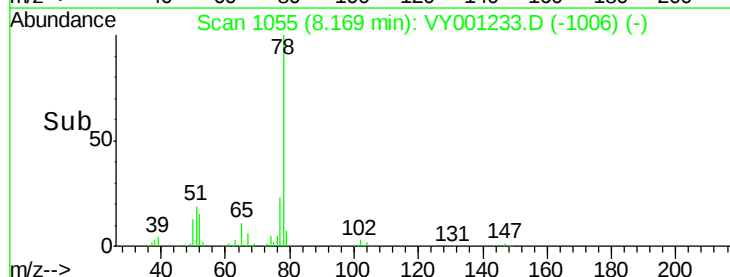
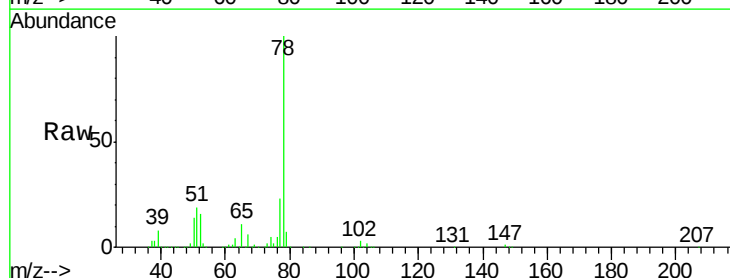
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

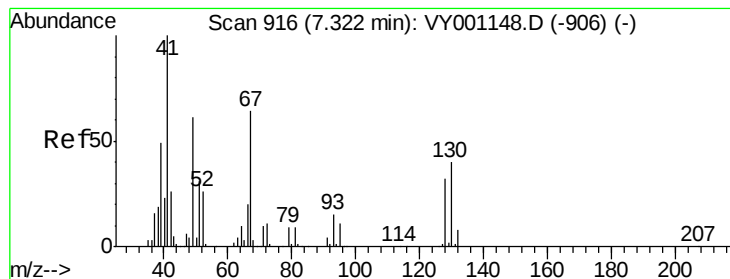
Tgt Ion: 83 Resp: 227428
Ion Ratio Lower Upper
83 100
55 74.8 58.9 88.3
98 47.6 38.4 57.6



#40
Benzene
Concen: 52.929 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion: 78 Resp: 543991
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2





#41

Methacrylonitrile

Concen: 137.900 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.03 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 133849

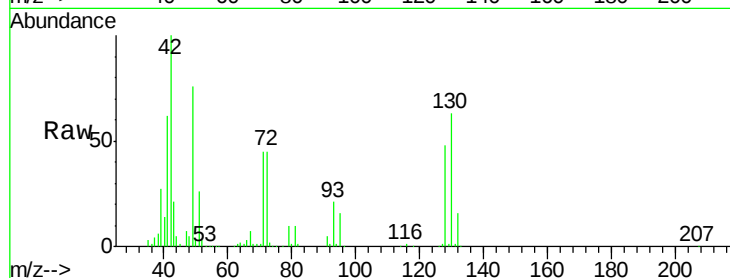
Ion Ratio Lower Upper

41 100

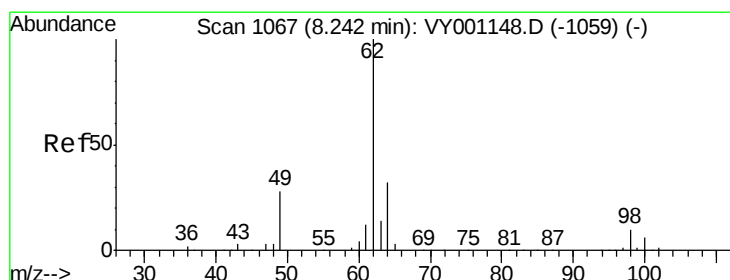
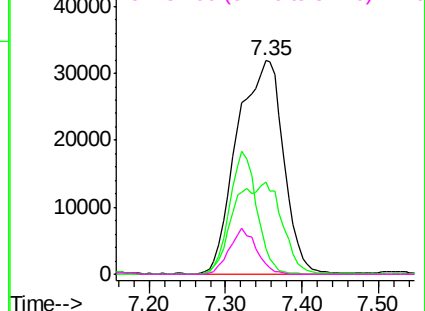
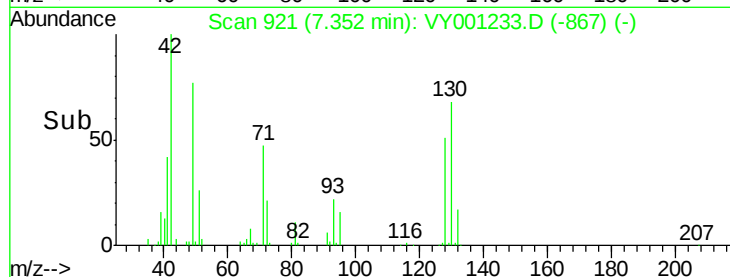
39 0.0 103.5 155.3#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



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



#42

1,2-Dichloroethane

Concen: 51.506 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VY001233.D

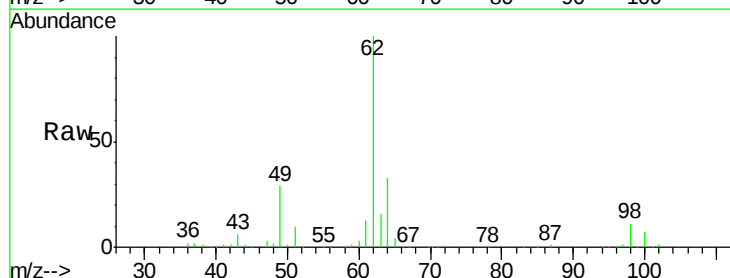
Acq: 15 Jan 2020 20:49

Tgt Ion: 62 Resp: 148226

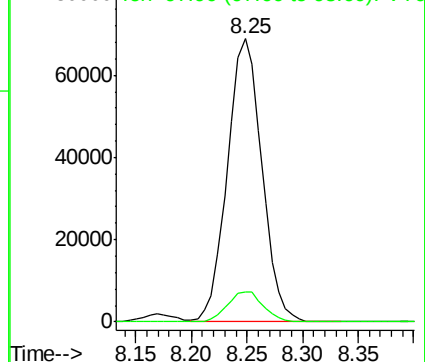
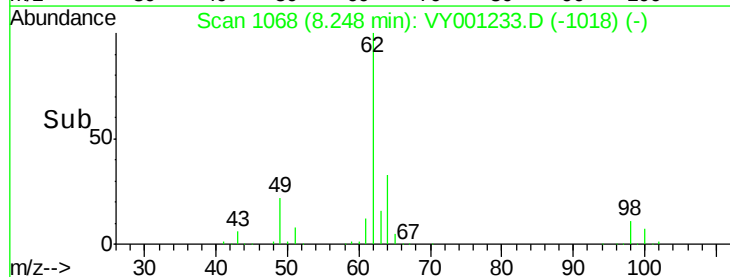
Ion Ratio Lower Upper

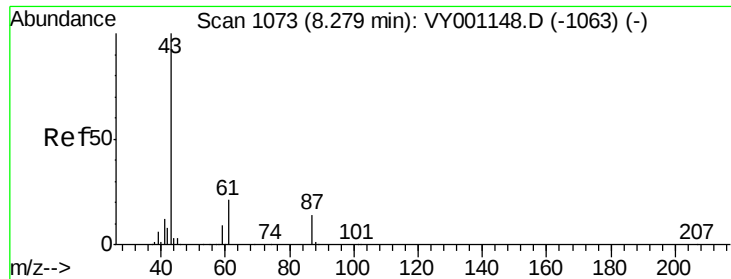
62 100

98 11.0 0.0 20.4



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





#43

Isopropyl Acetate

Concen: 50.800 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

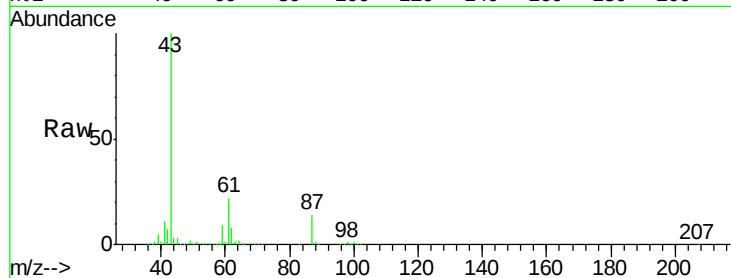
Tgt Ion: 43 Resp: 200721

Ion Ratio Lower Upper

43 100

61 30.2 23.9 35.9

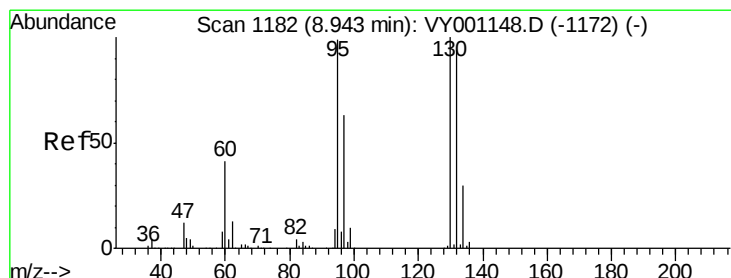
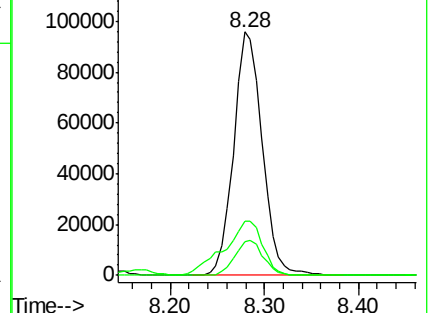
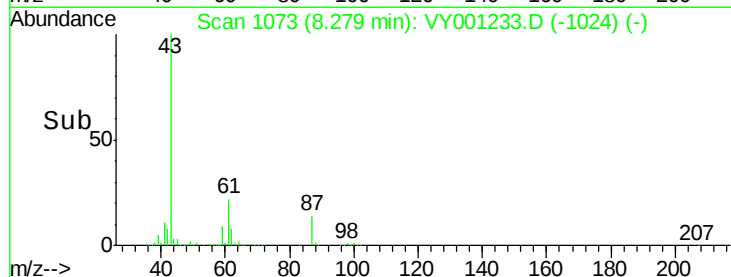
87 14.4 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY001148.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY001148.D (-1063) (-)



#44

Trichloroethene

Concen: 49.866 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY001233.D

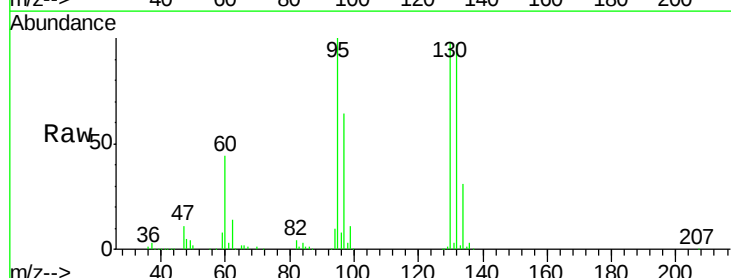
Acq: 15 Jan 2020 20:49

Tgt Ion: 130 Resp: 133544

Ion Ratio Lower Upper

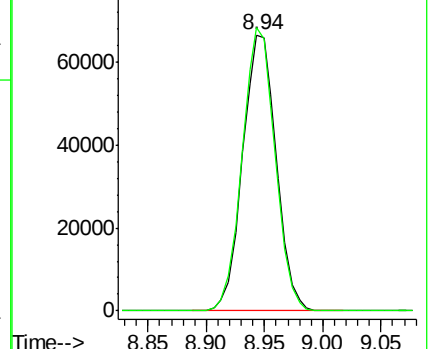
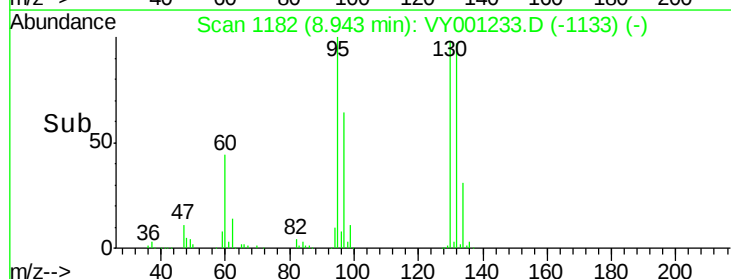
130 100

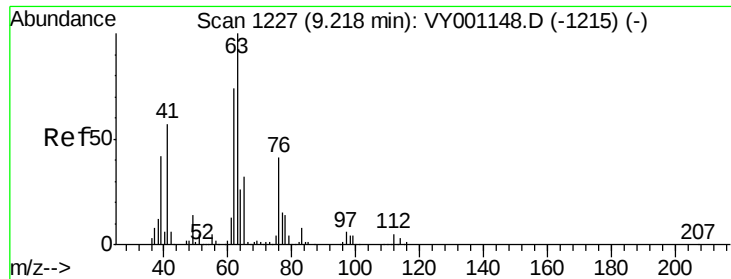
95 102.4 0.0 197.6



Abundance Ion 129.80 (129.50 to 130.50): VY001148.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001148.D (-1172) (-)

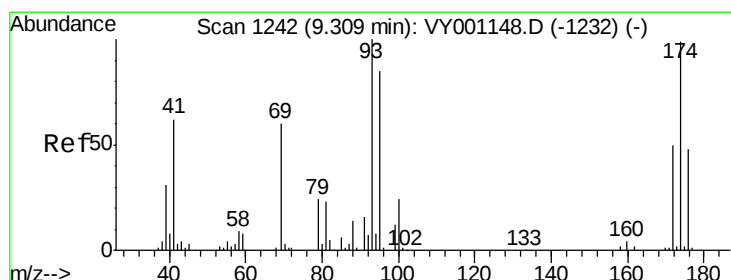
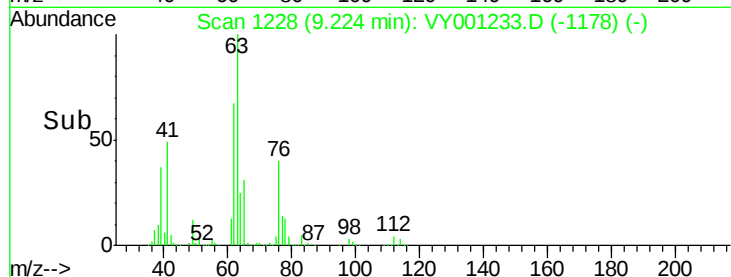
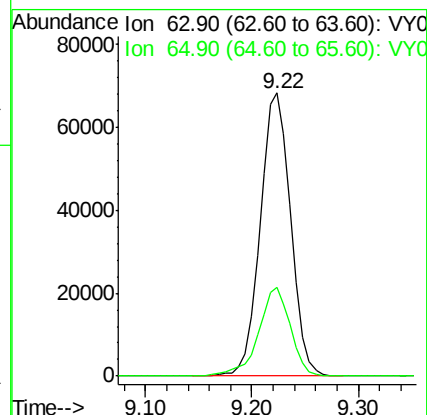
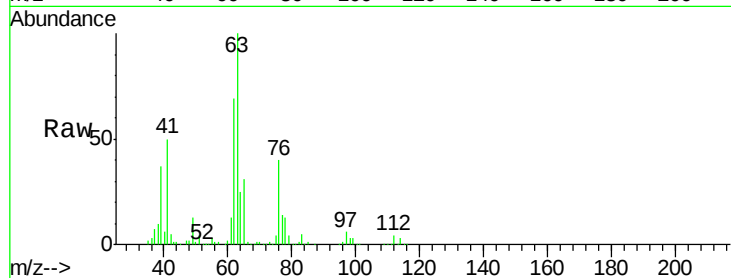




#45
 1,2-Dichloropropane
 Concen: 53.766 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

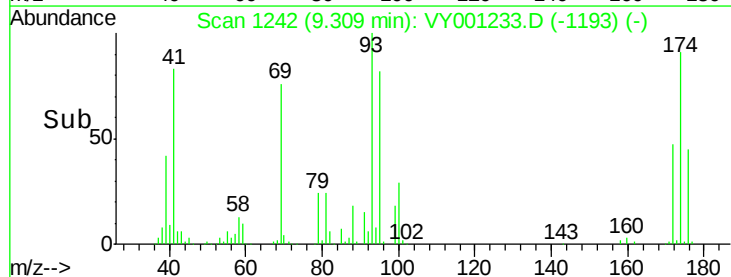
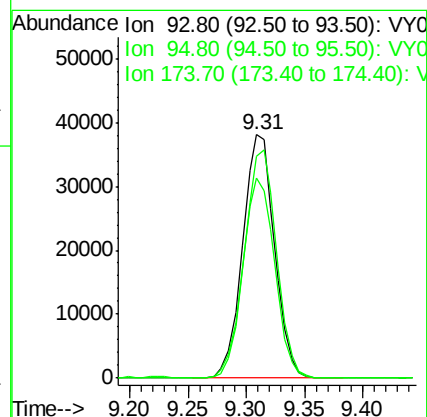
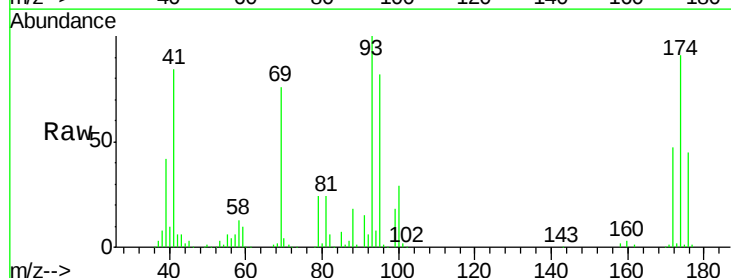
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 136611
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.8 38.8



#46
 Dibromomethane
 Concen: 52.493 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion: 93 Resp: 72772
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.8 100.2
 174 94.2 78.4 117.6





#47

Bromodichloromethane

Concen: 51.730 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

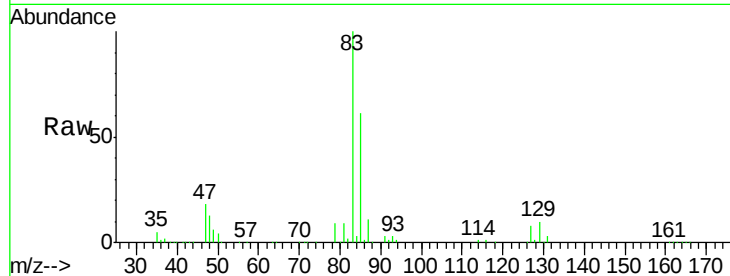
Tgt Ion: 83 Resp: 174774

Ion Ratio Lower Upper

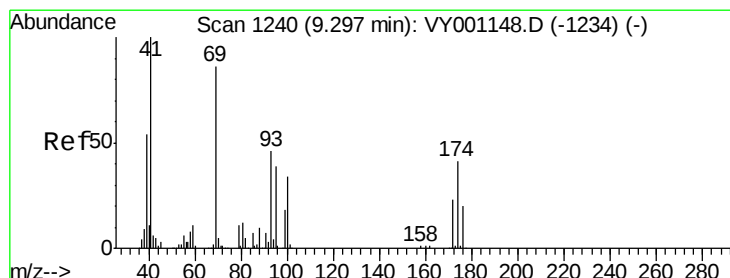
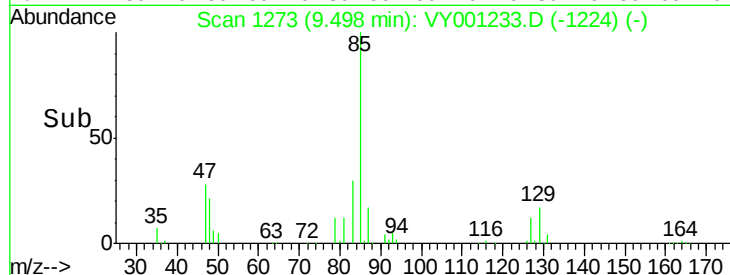
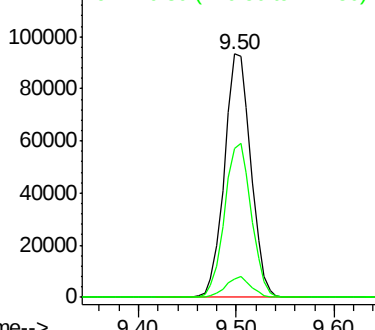
83 100

85 61.3 51.5 77.3

127 7.5 6.3 9.5



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: 48.388 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

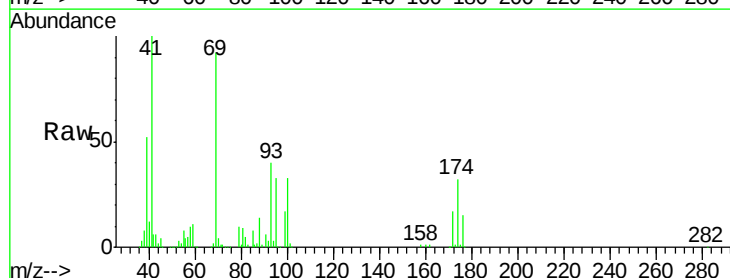
Tgt Ion: 41 Resp: 88475

Ion Ratio Lower Upper

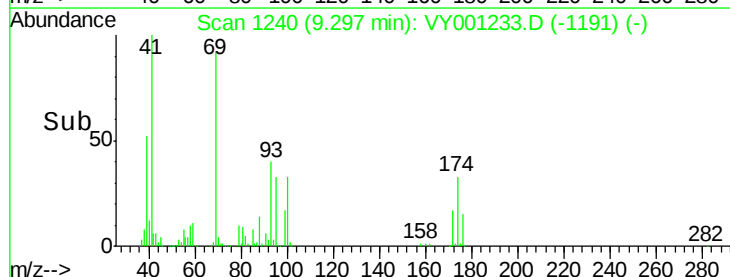
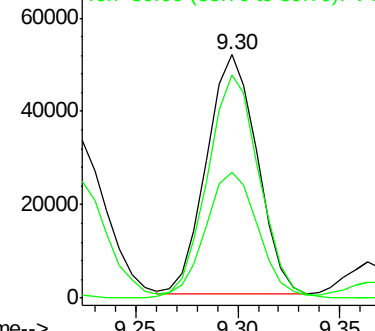
41 100

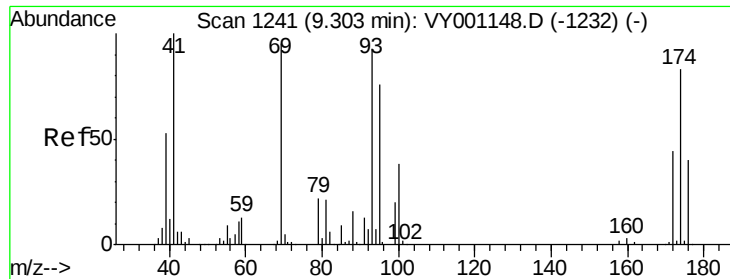
69 95.1 69.8 104.8

39 54.2 45.2 67.8



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

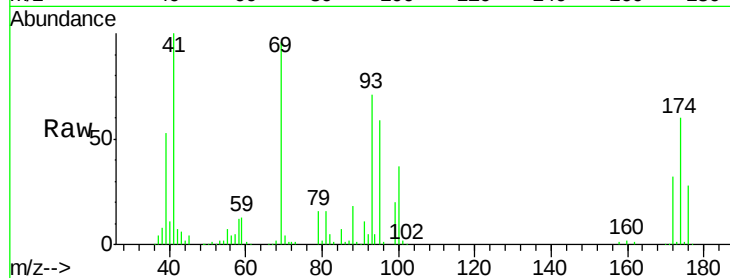




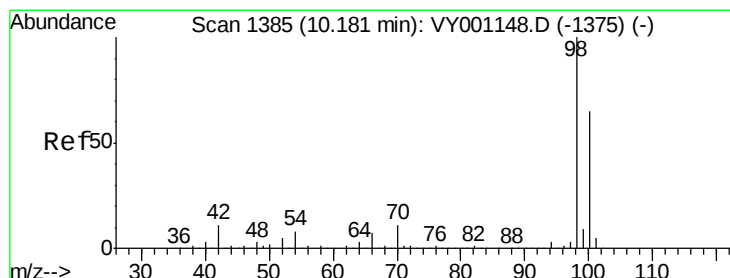
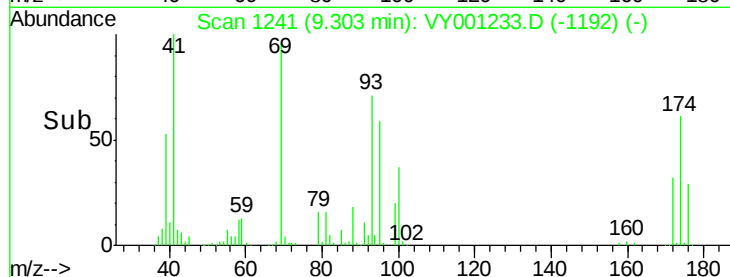
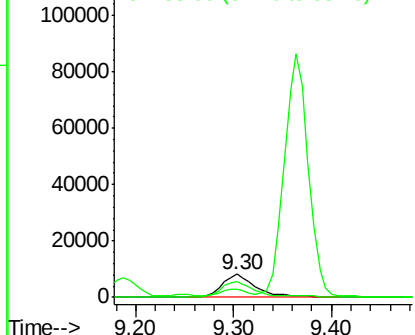
#49
 1,4-Dioxane
 Concen: 1173.726 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 19816
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.4 33.6#
 58 66.1 58.0 87.0

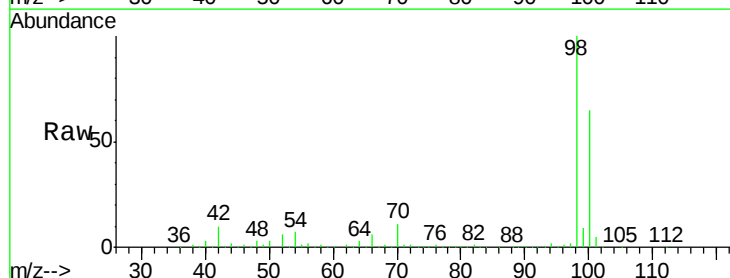


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

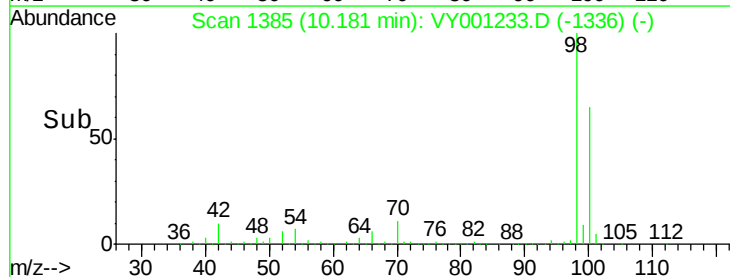
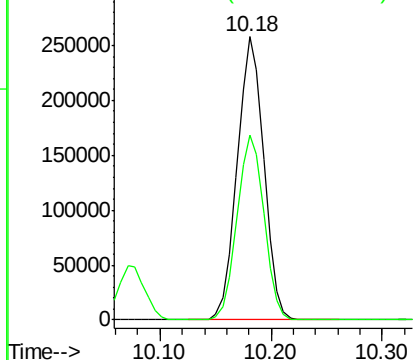


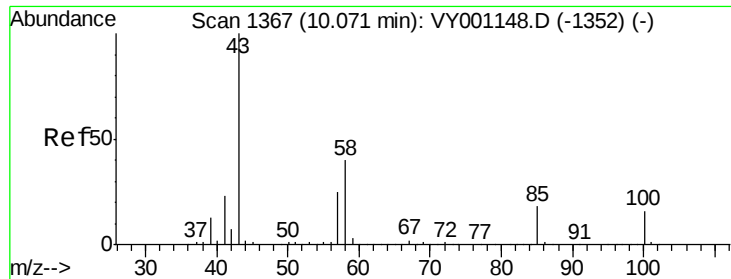
#50
 Toluene-d8
 Concen: 49.003 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion: 98 Resp: 427055
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 246.315 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

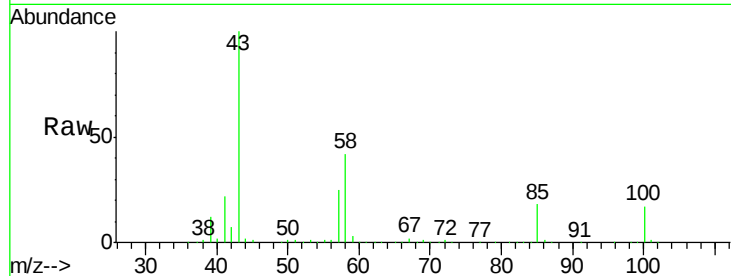
VSTDCCC050EC

Tgt Ion: 43 Resp: 493832

Ion Ratio Lower Upper

43 100

58 41.7 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

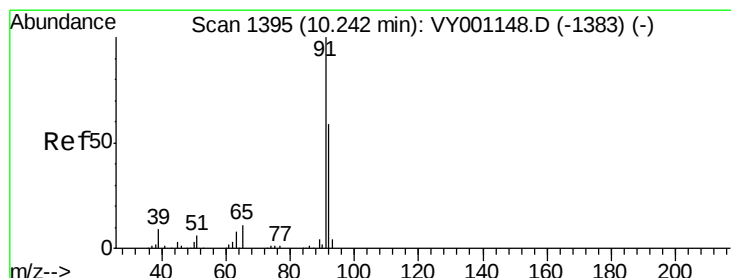
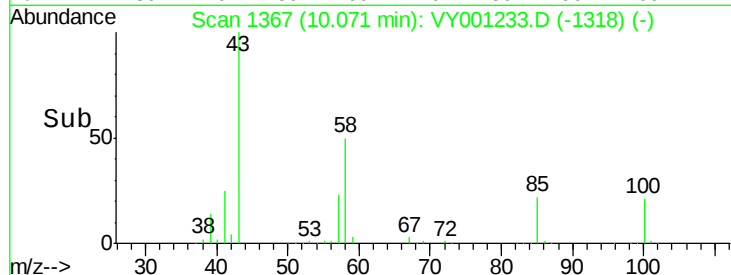
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.460 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY001233.D

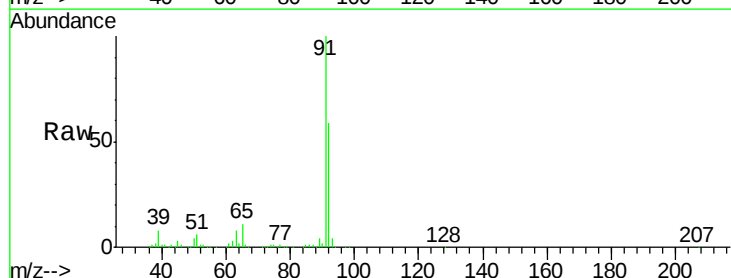
Acq: 15 Jan 2020 20:49

Tgt Ion: 92 Resp: 337329

Ion Ratio Lower Upper

92 100

91 169.8 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.25

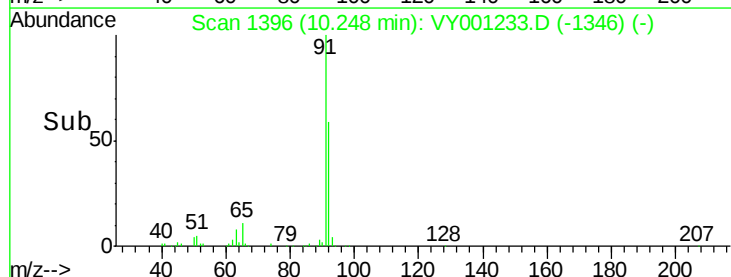
300000

200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.305 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

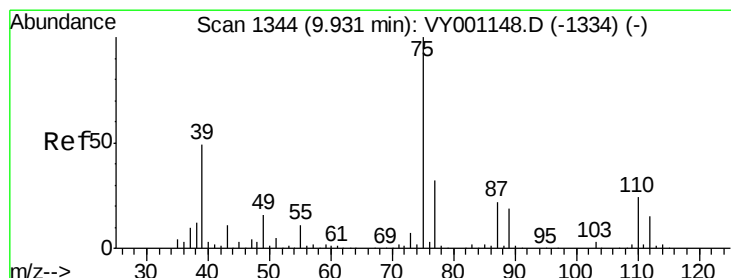
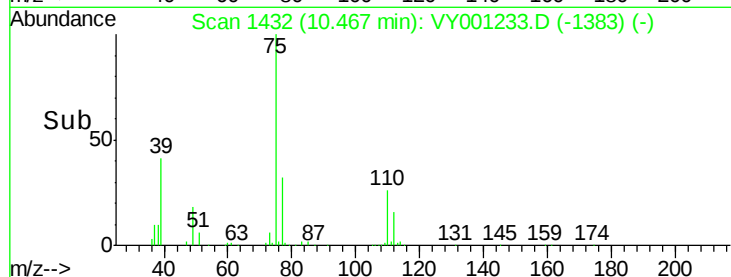
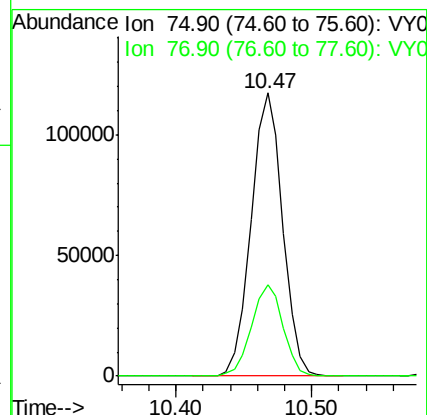
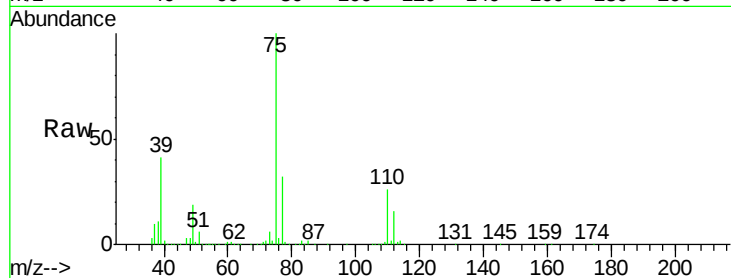
VSTDCCC050EC

Tgt Ion: 75 Resp: 190187

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 51.940 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

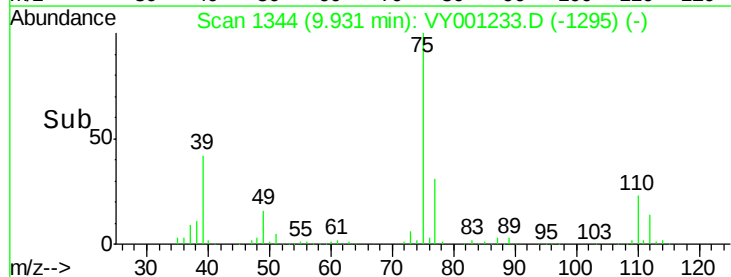
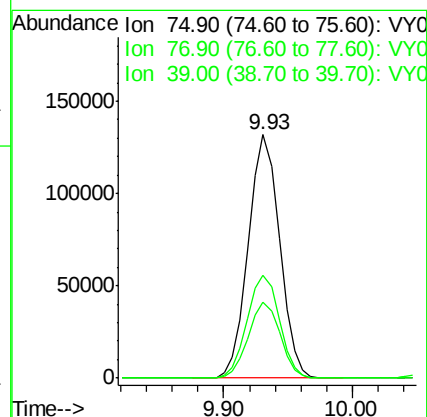
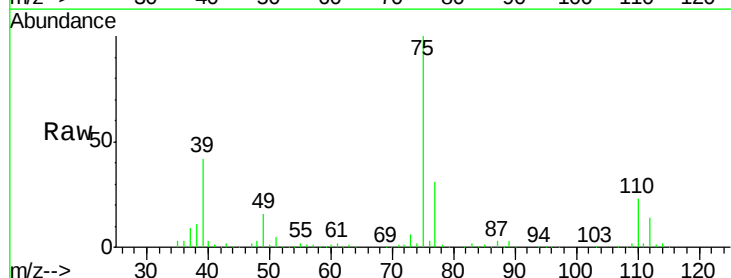
Tgt Ion: 75 Resp: 221396

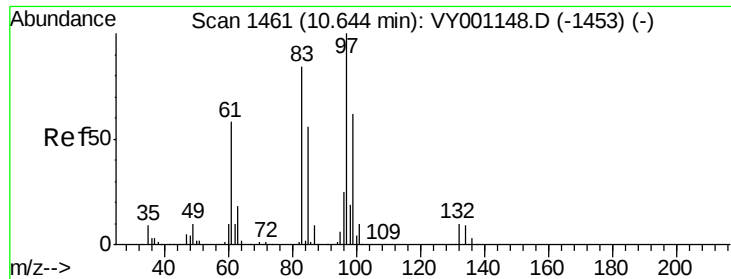
Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9

39 42.3 39.1 58.7





#55

1,1,2-Trichloroethane

Concen: 52.241 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 107368

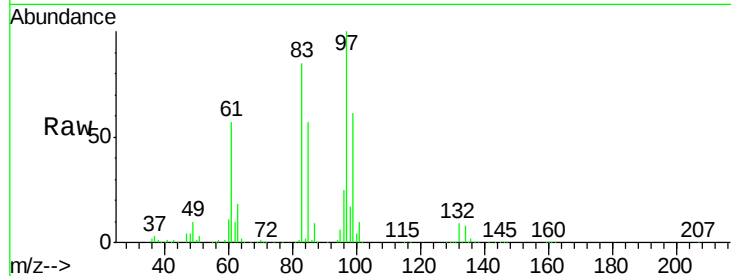
Ion Ratio Lower Upper

97 100

83 85.0 67.2 100.8

85 57.0 44.9 67.3

99 61.3 49.9 74.9

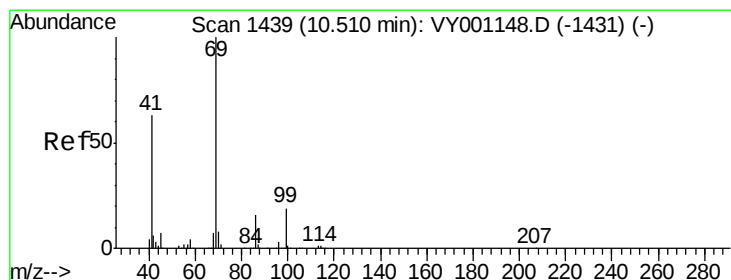
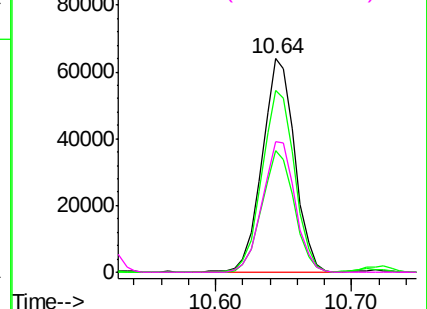
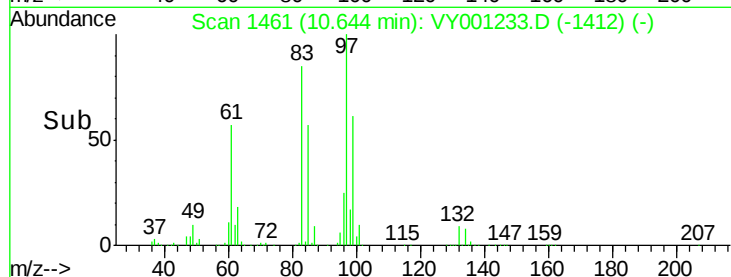


Abundance Ion 96.90 (96.60 to 97.60): VY001233.D (-1412) (-)

Ion 82.90 (82.60 to 83.60): VY001233.D (-1412) (-)

Ion 84.90 (84.60 to 85.60): VY001233.D (-1412) (-)

Ion 98.90 (98.60 to 99.60): VY001233.D (-1412) (-)



#56

Ethyl methacrylate

Concen: 51.540 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

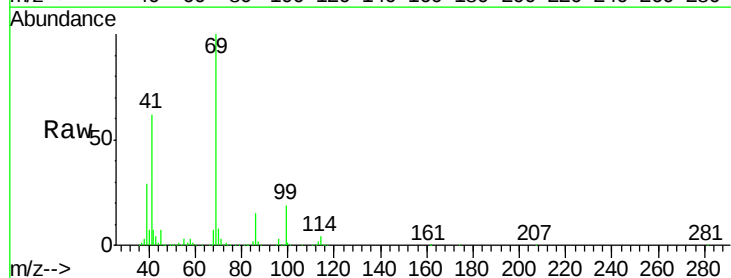
Tgt Ion: 69 Resp: 162032

Ion Ratio Lower Upper

69 100

41 60.6 51.4 77.2

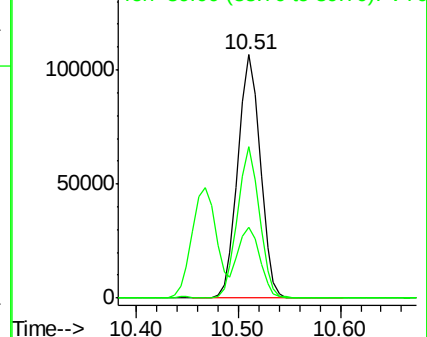
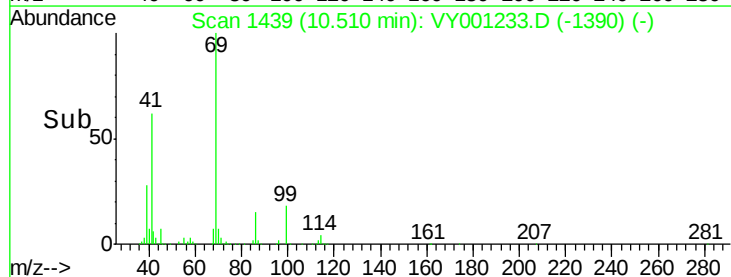
39 27.8 26.3 39.5



Abundance Ion 69.00 (68.70 to 69.70): VY001233.D (-1390) (-)

Ion 41.00 (40.70 to 41.70): VY001233.D (-1390) (-)

Ion 39.00 (38.70 to 39.70): VY001233.D (-1390) (-)

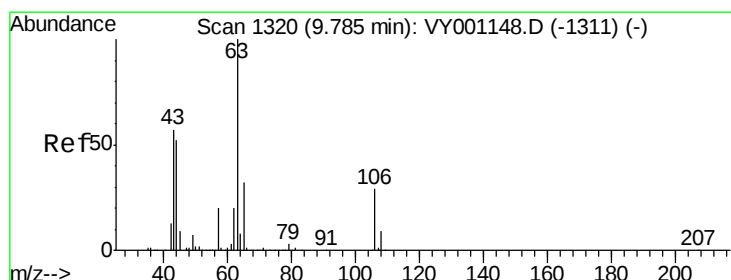
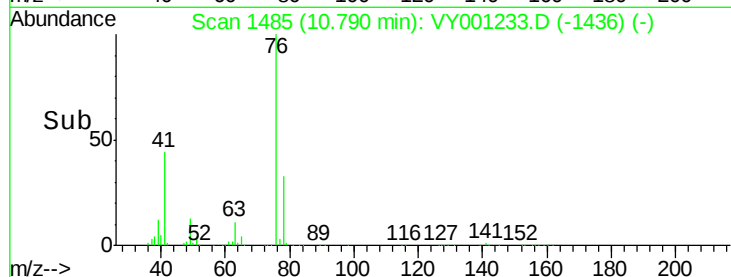
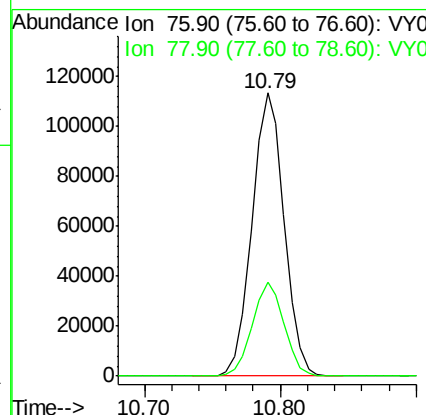
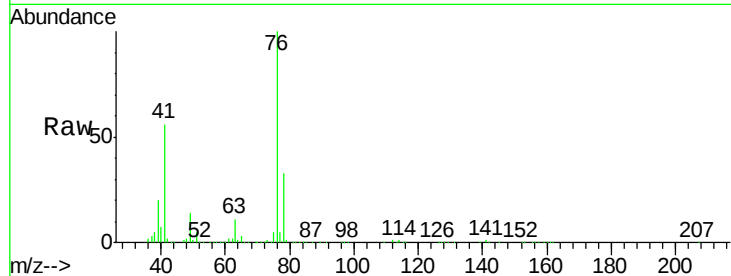




#57
 1,3-Dichloropropane
 Concen: 53.154 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

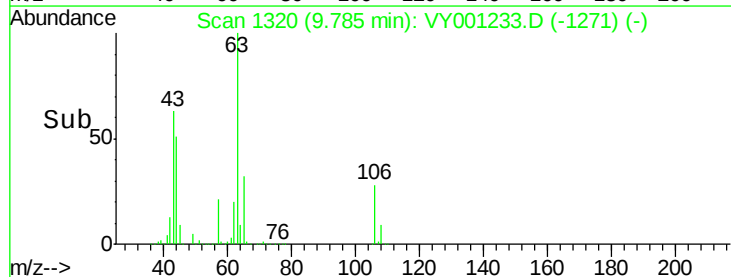
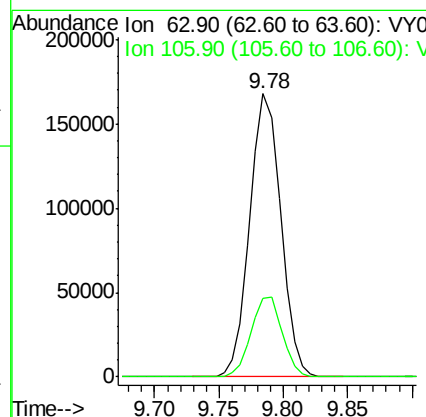
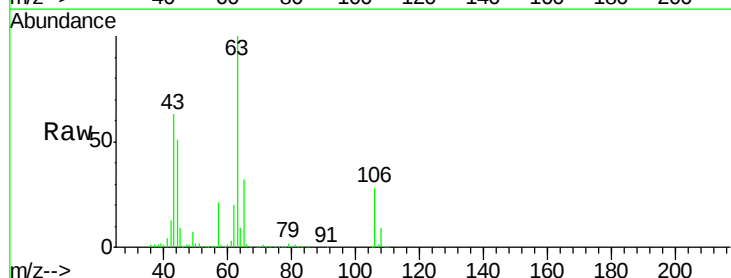
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

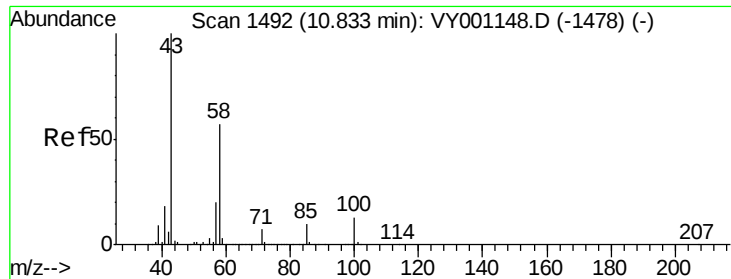
Tgt Ion: 76 Resp: 187540
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.018 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion: 63 Resp: 279766
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.0 34.6

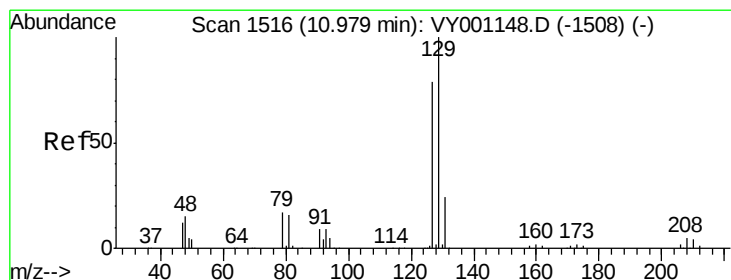
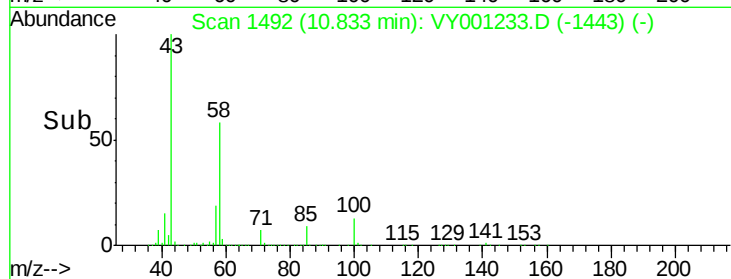
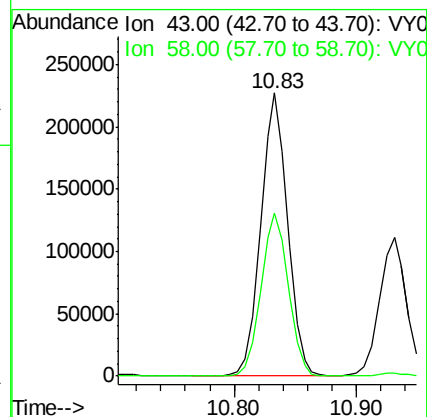
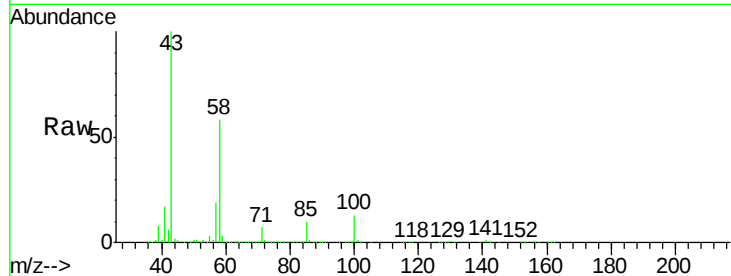




#59
2-Hexanone
Concen: 246.534 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

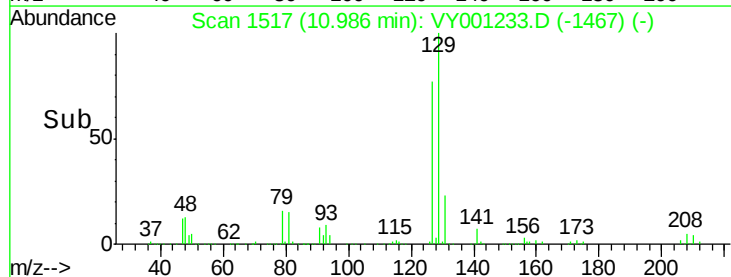
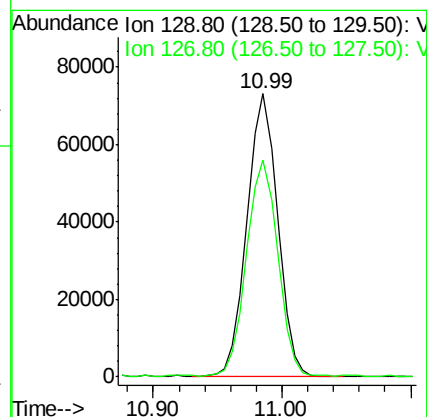
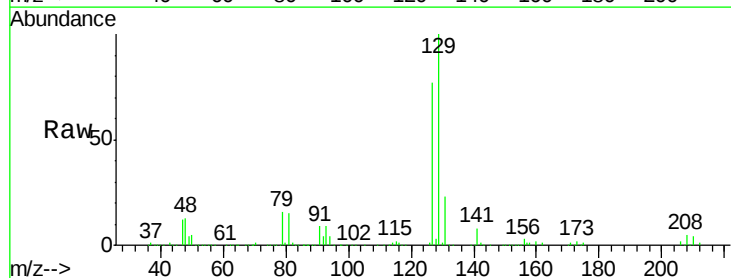
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

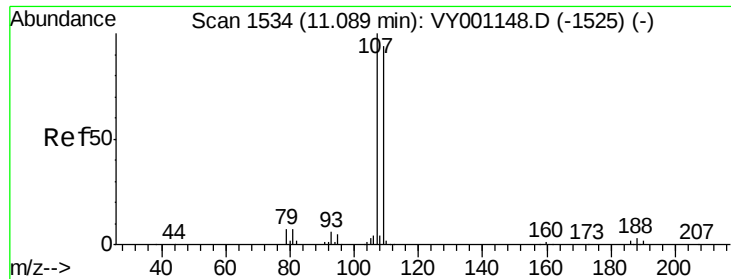
Tgt Ion: 43 Resp: 346401
Ion Ratio Lower Upper
43 100
58 58.9 28.4 85.2



#60
Dibromochloromethane
Concen: 50.802 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion: 129 Resp: 120214
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7

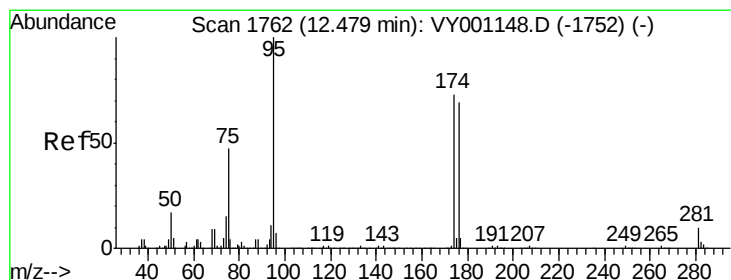
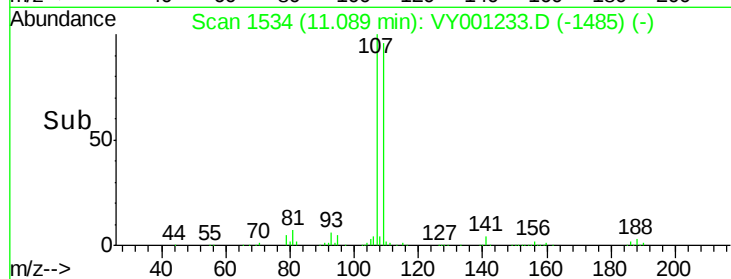
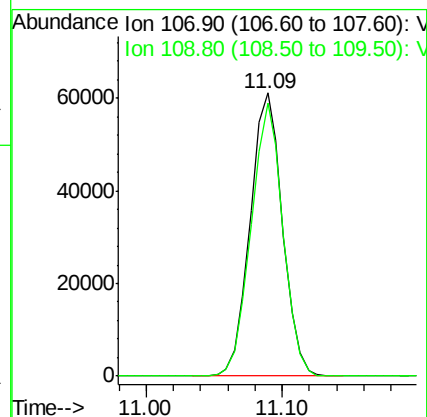
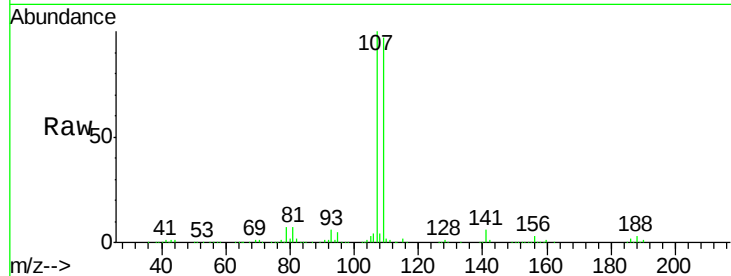




#61
1,2-Dibromoethane
Concen: 50.640 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

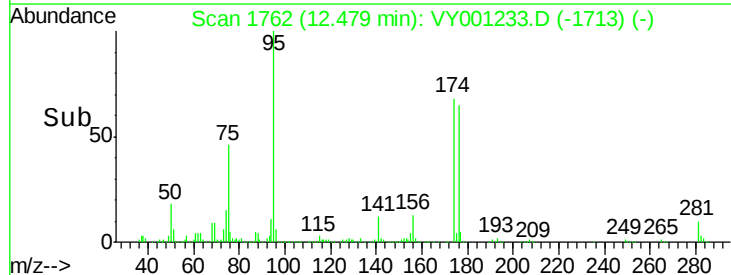
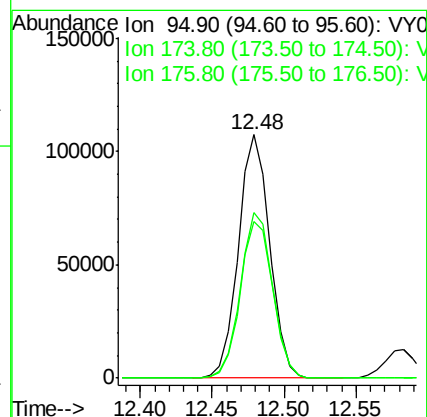
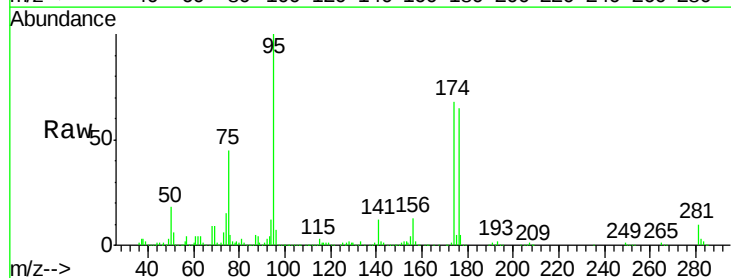
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

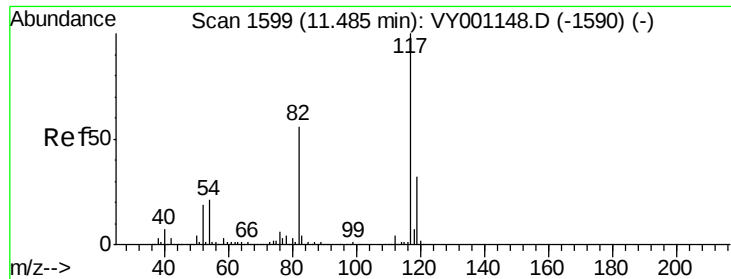
Tgt Ion: 107 Resp: 101624
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 45.722 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion: 95 Resp: 162905
Ion Ratio Lower Upper
95 100
174 69.4 0.0 143.2
176 66.5 0.0 136.0

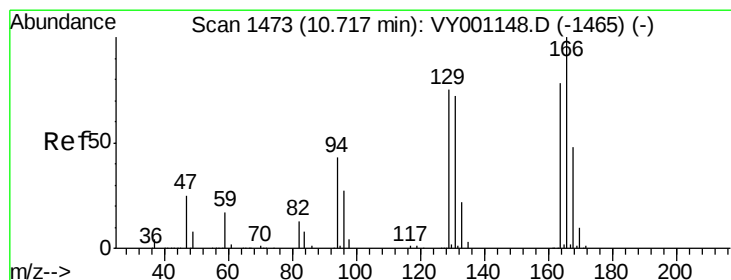
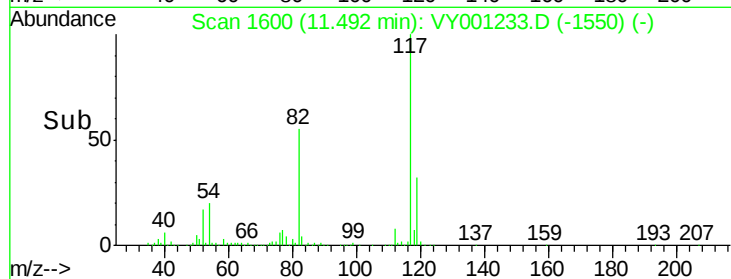
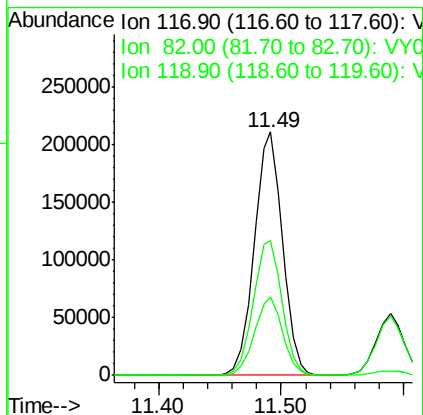
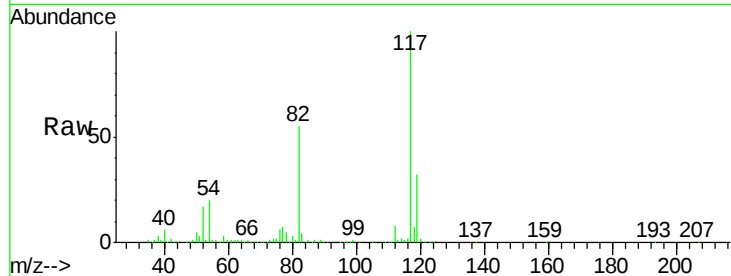




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

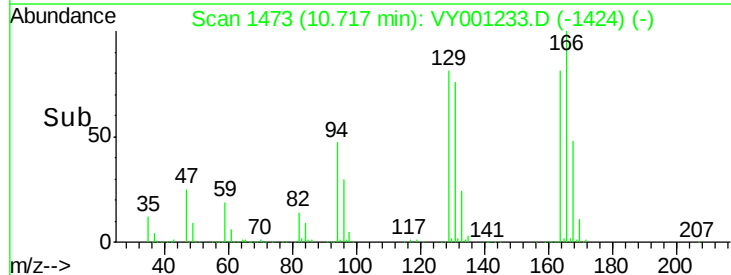
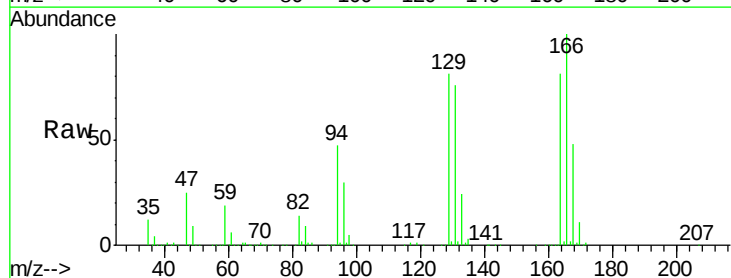
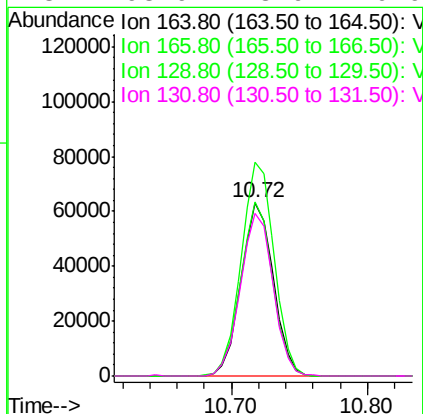
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

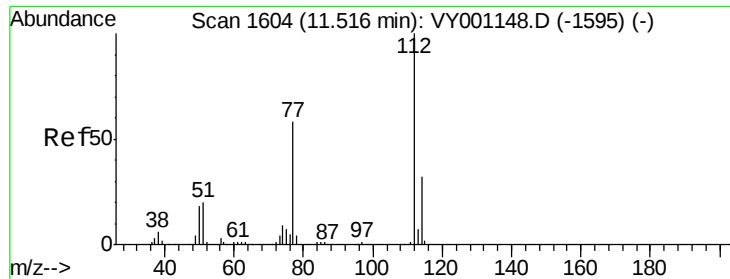
Tgt Ion:117 Resp: 337972
Ion Ratio Lower Upper
117 100
82 55.2 44.9 67.3
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 48.106 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion:164 Resp: 104806
Ion Ratio Lower Upper
164 100
166 123.3 102.3 153.5
129 100.1 76.2 114.4
131 93.9 73.9 110.9





#65

Chlorobenzene

Concen: 51.204 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

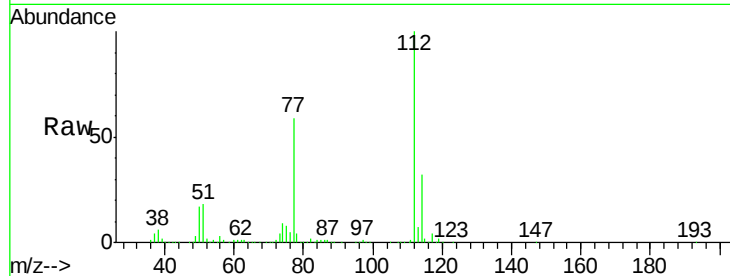
VSTDCCC050EC

Tgt Ion:112 Resp: 345791

Ion Ratio Lower Upper

112 100

114 31.7 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

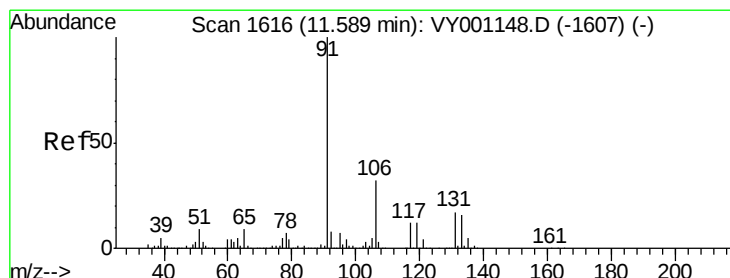
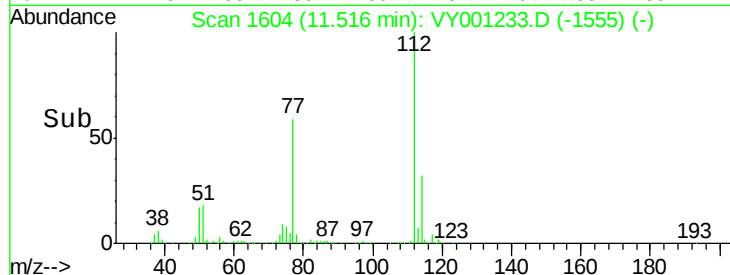
150000

100000

50000

0

Time--> 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 50.691 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

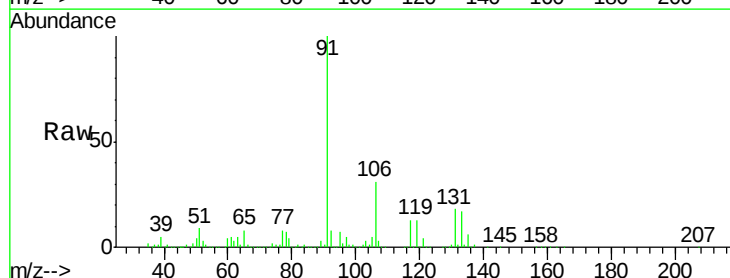
Tgt Ion:131 Resp: 117985

Ion Ratio Lower Upper

131 100

133 95.9 47.3 142.0

119 69.8 33.6 100.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

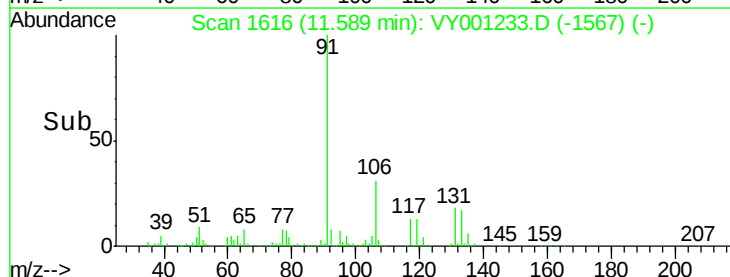
60000

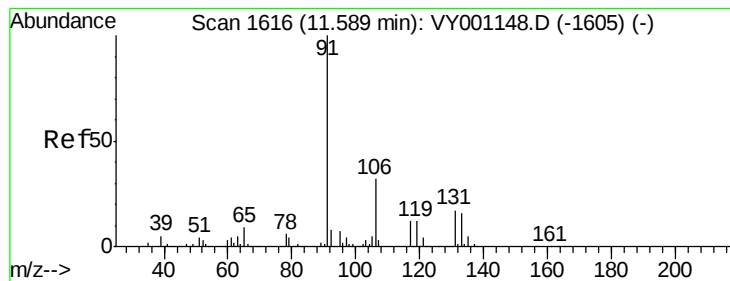
40000

20000

0

Time--> 11.50 11.60





#67

Ethyl Benzene

Concen: 51.131 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

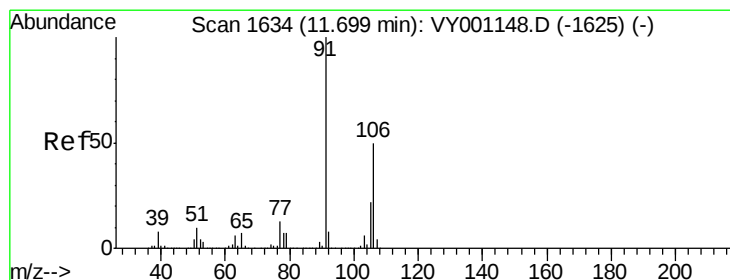
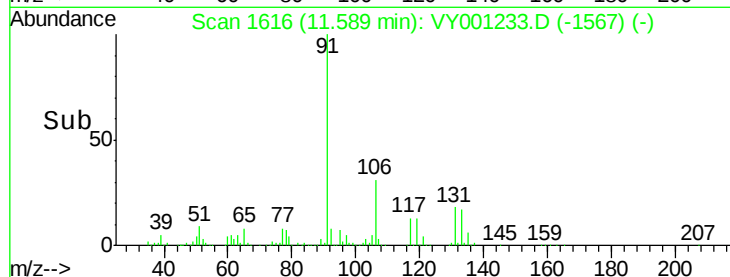
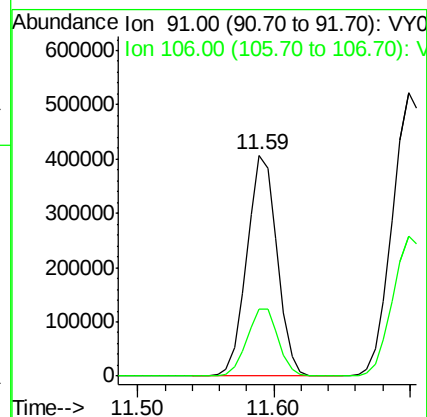
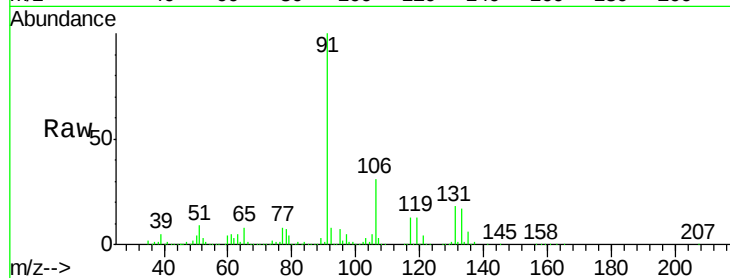
VSTDCCC050EC

Tgt Ion: 91 Resp: 631665

Ion Ratio Lower Upper

91 100

106 30.6 25.3 37.9



#68

m/p-Xylenes

Concen: 102.337 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY001233.D

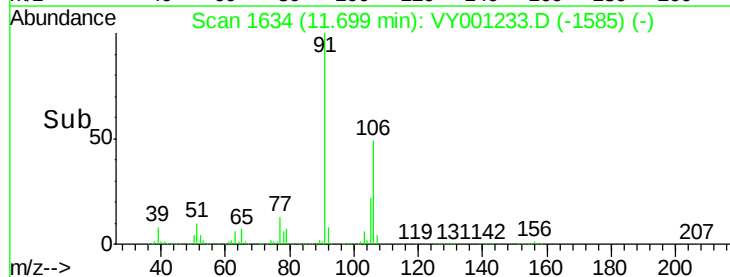
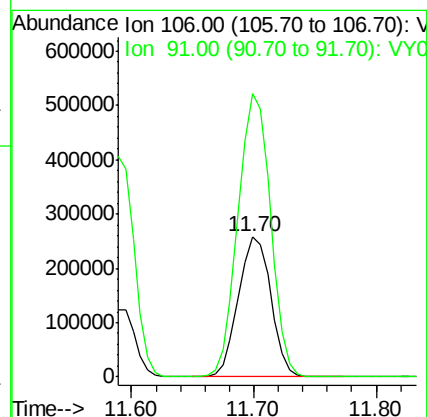
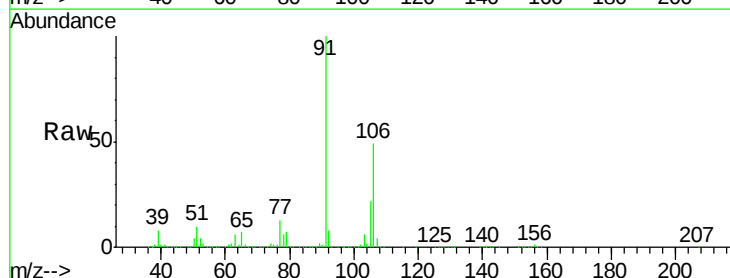
Acq: 15 Jan 2020 20:49

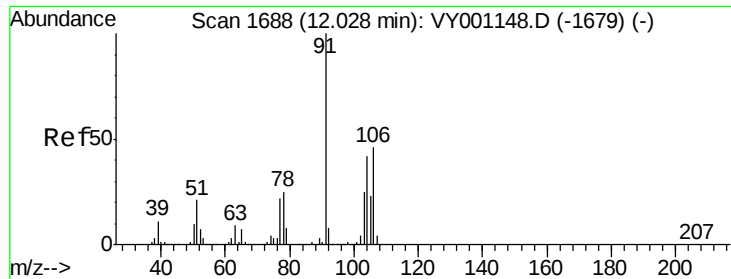
Tgt Ion: 106 Resp: 476912

Ion Ratio Lower Upper

106 100

91 201.9 161.4 242.2

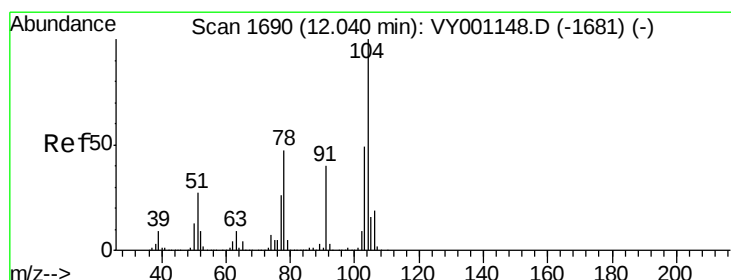
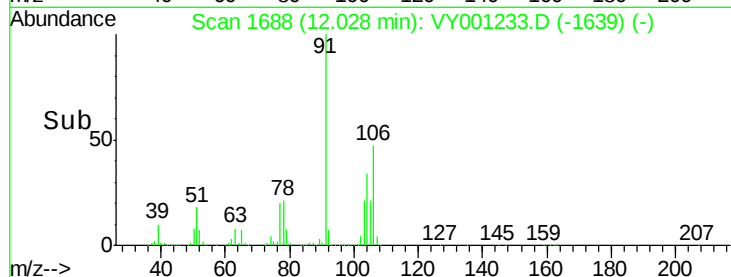
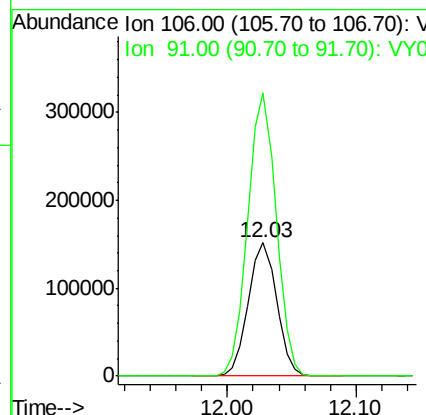
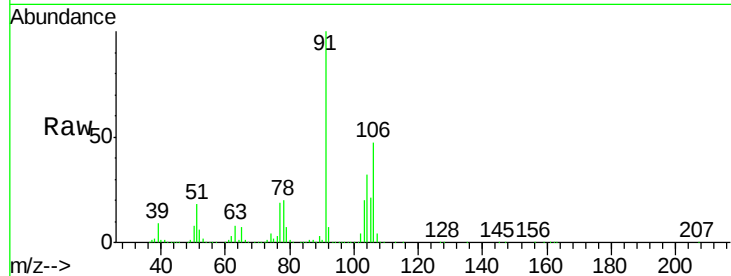




#69
o-Xylene
Concen: 51.937 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

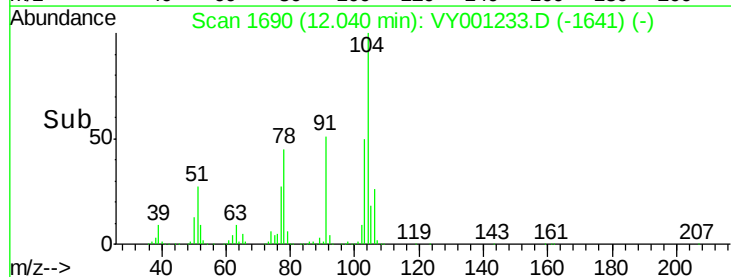
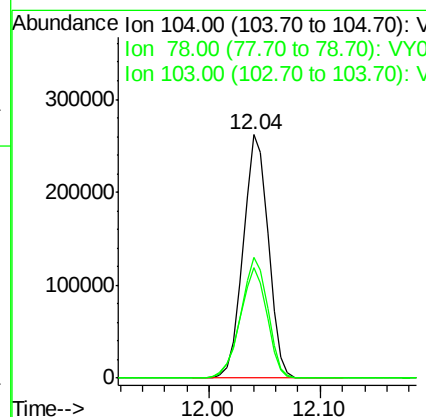
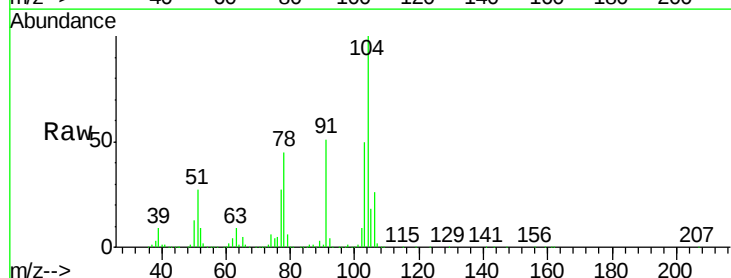
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

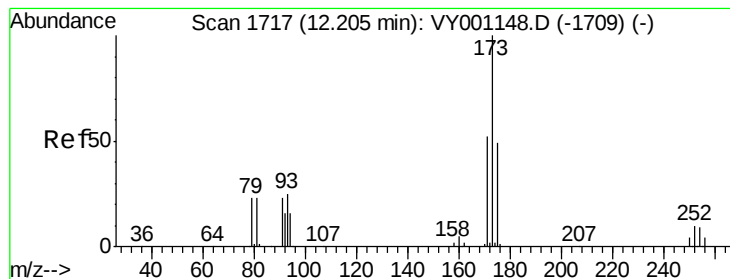
Tgt Ion:106 Resp: 232058
Ion Ratio Lower Upper
106 100
91 210.6 106.3 318.8



#70
Styrene
Concen: 51.998 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion:104 Resp: 407655
Ion Ratio Lower Upper
104 100
78 48.8 40.5 60.7
103 53.3 42.4 63.6





#71

Bromoform

Concen: 49.150 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

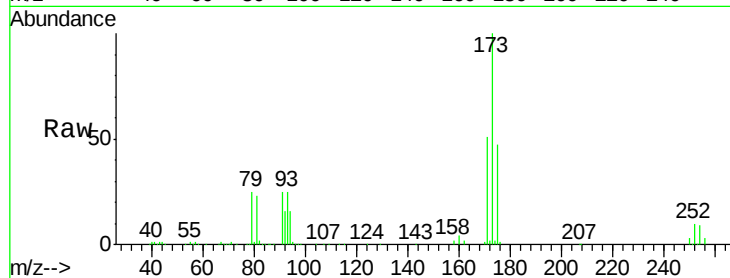
Tgt Ion:173 Resp: 70550

Ion Ratio Lower Upper

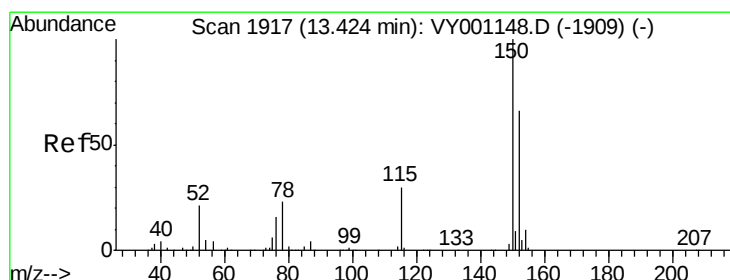
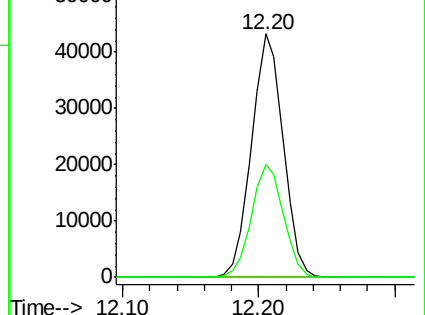
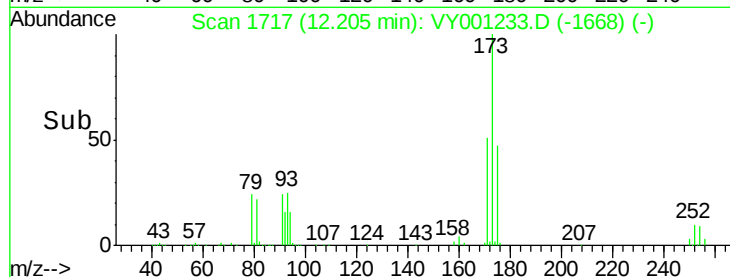
173 100

175 47.0 24.1 72.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

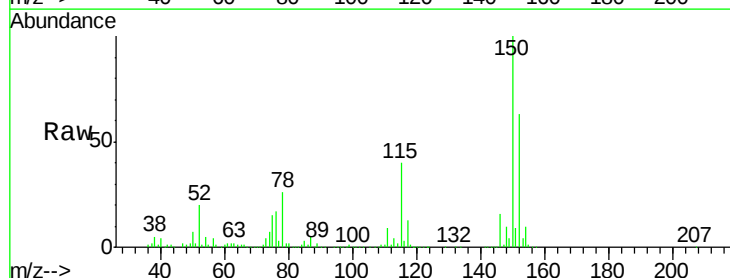
Tgt Ion:152 Resp: 155796

Ion Ratio Lower Upper

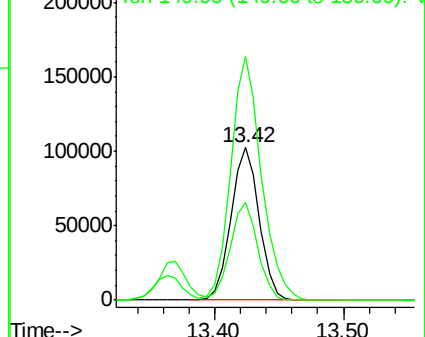
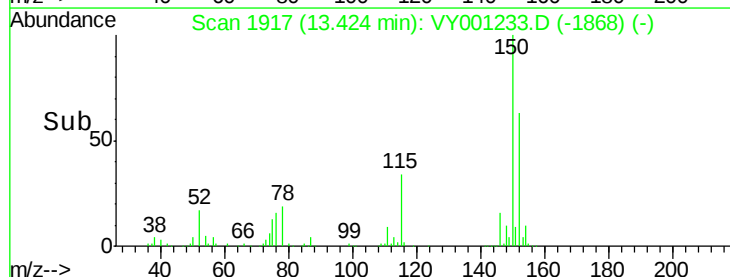
152 100

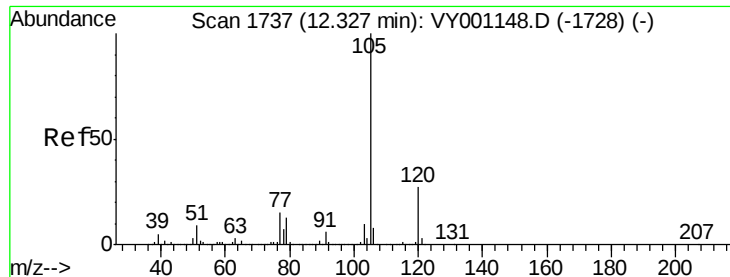
115 62.6 30.9 92.5

150 173.8 0.0 346.8



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

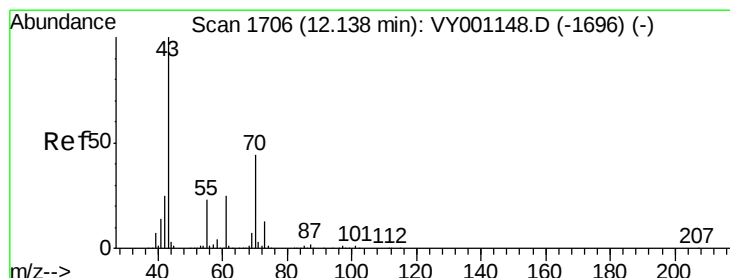
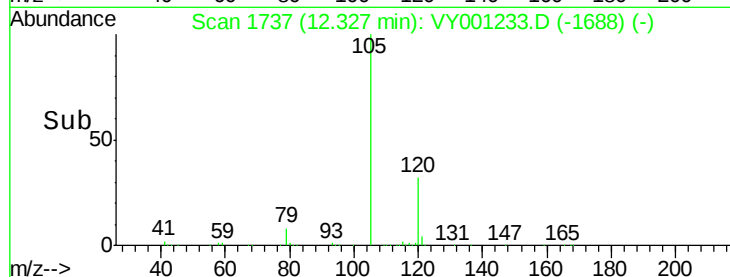
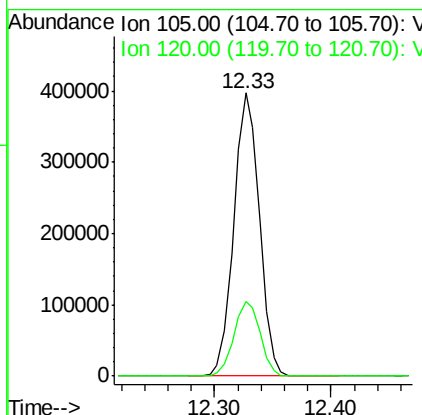
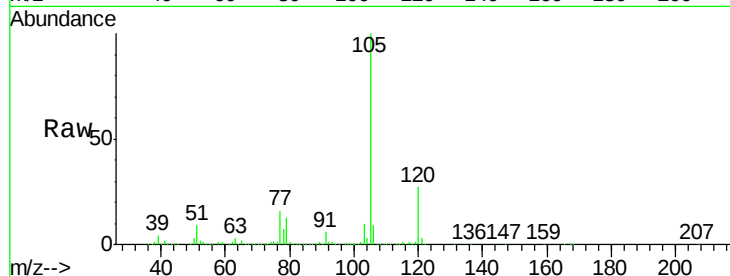




#73
Isopropylbenzene
Concen: 51.854 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

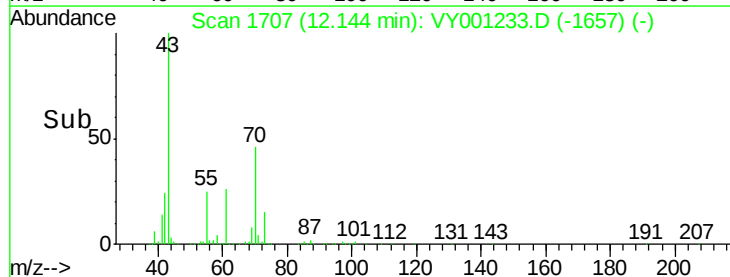
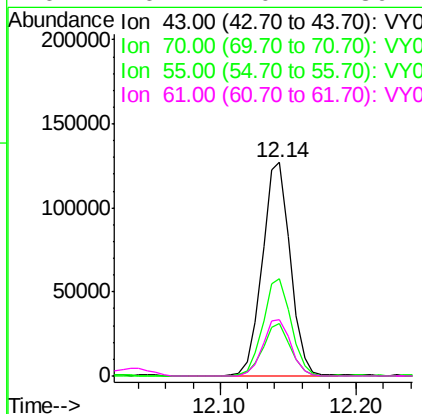
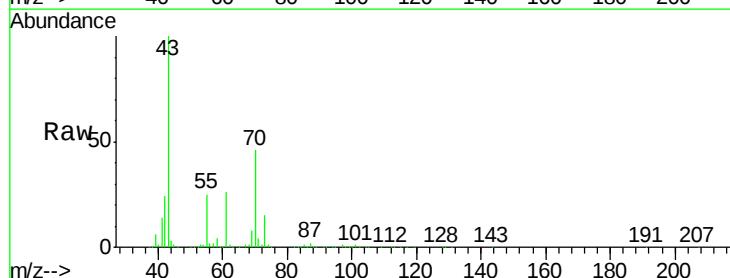
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

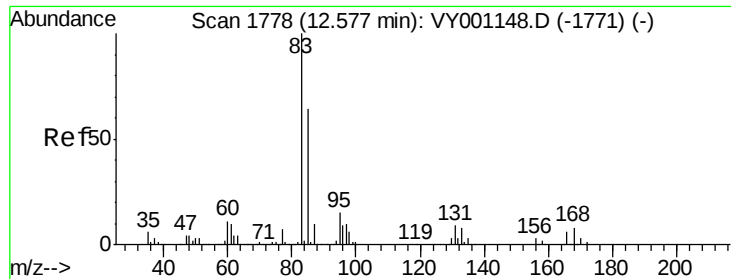
Tgt Ion: 105 Resp: 607327
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 50.057 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion: 43 Resp: 182969
Ion Ratio Lower Upper
43 100
70 46.2 35.0 52.6
55 23.9 18.4 27.6
61 26.7 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.032 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

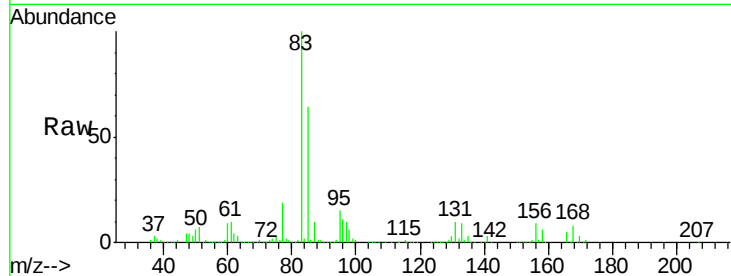
Tgt Ion: 83 Resp: 130680

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 64.3 32.2 96.6



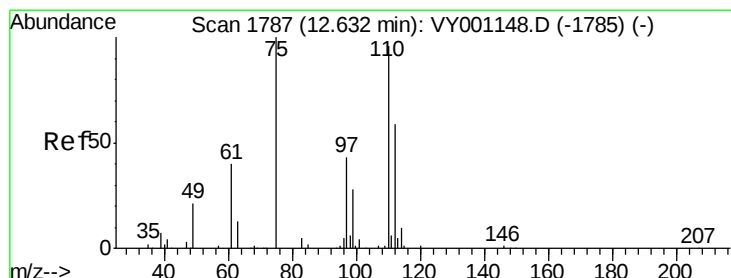
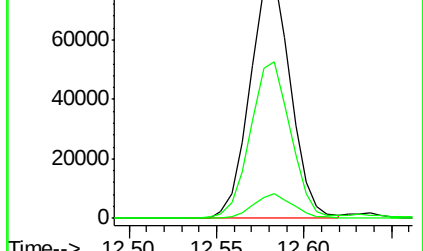
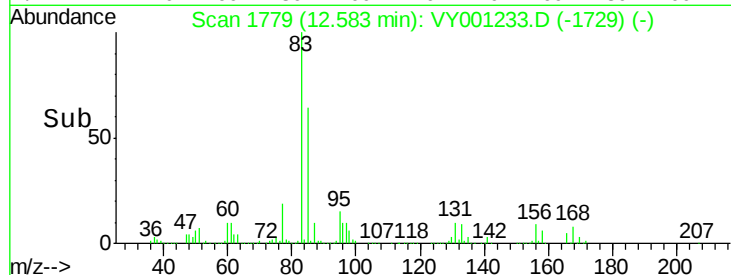
Abundance Ion 82.90 (82.60 to 83.60): VY001148.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY001148.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY001148.D (-1771) (-)

12.58

Time-->



#76

1,2,3-Trichloropropane

Concen: 100.605 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY001233.D

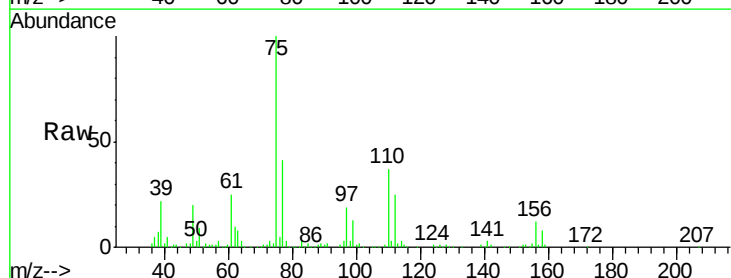
Acq: 15 Jan 2020 20:49

Tgt Ion: 75 Resp: 167790

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

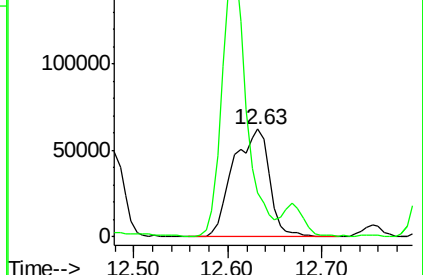
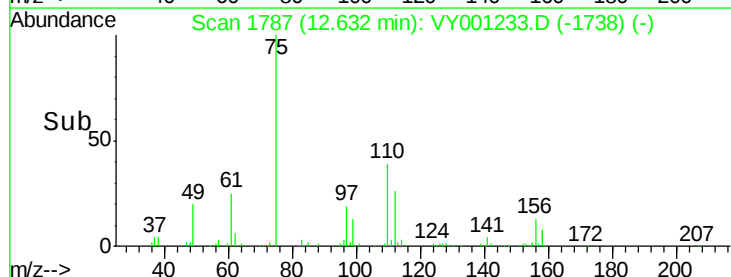


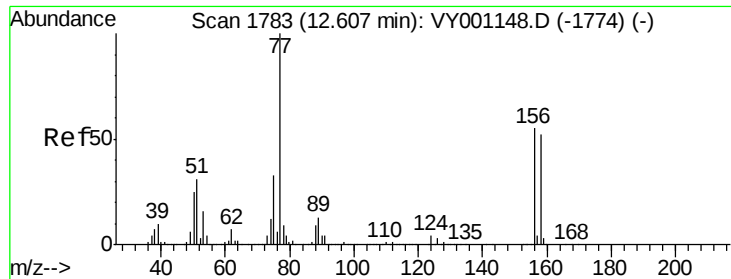
Abundance Ion 74.90 (74.60 to 75.60): VY001148.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY001148.D (-1785) (-)

12.63

Time-->





#77

Bromobenzene

Concen: 55.649 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

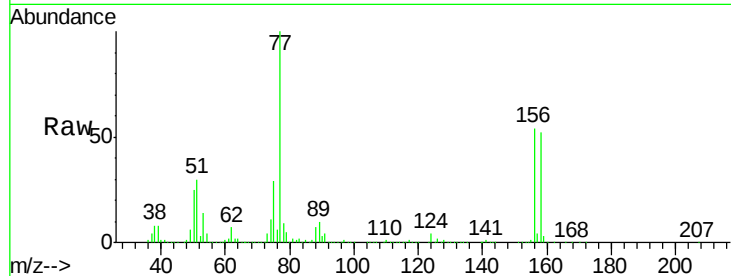
Tgt Ion:156 Resp: 144020

Ion Ratio Lower Upper

156 100

77 198.0 106.7 320.1

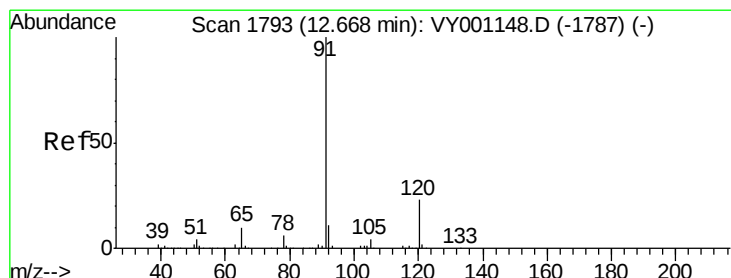
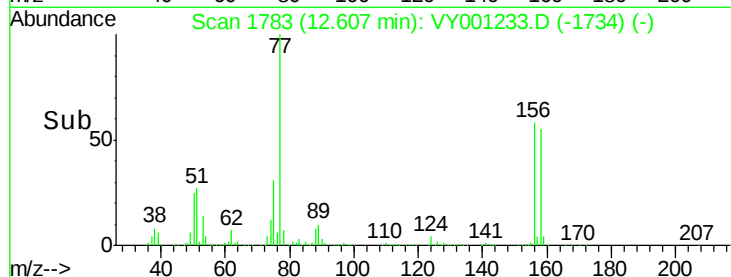
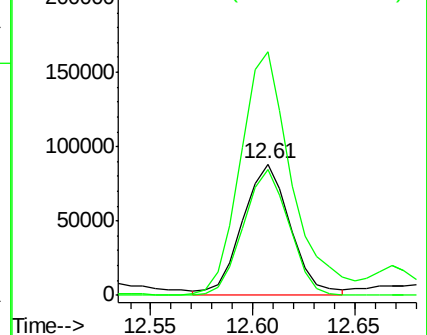
158 91.3 48.3 144.8



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: 52.874 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY001233.D

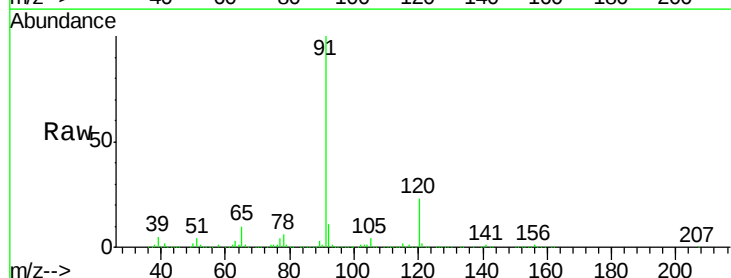
Acq: 15 Jan 2020 20:49

Tgt Ion: 91 Resp: 744896

Ion Ratio Lower Upper

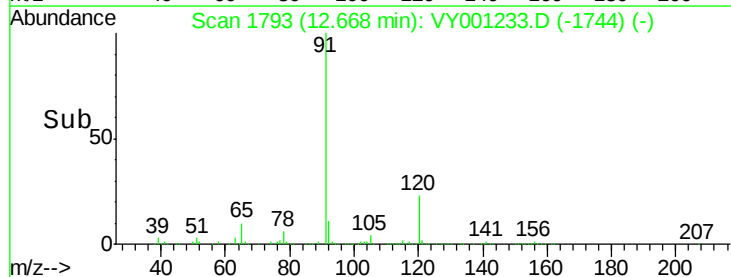
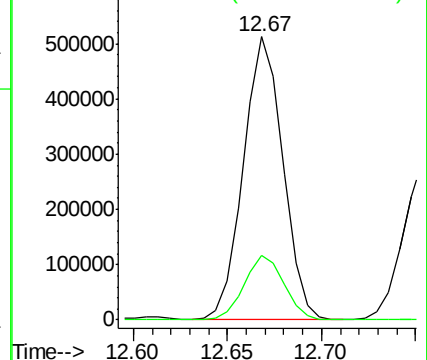
91 100

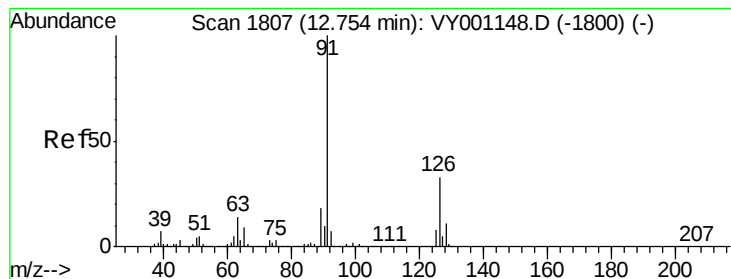
120 22.8 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.180 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

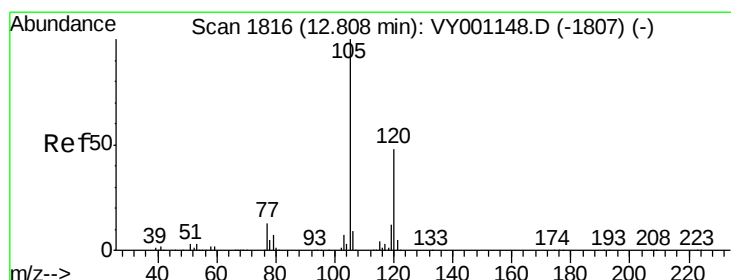
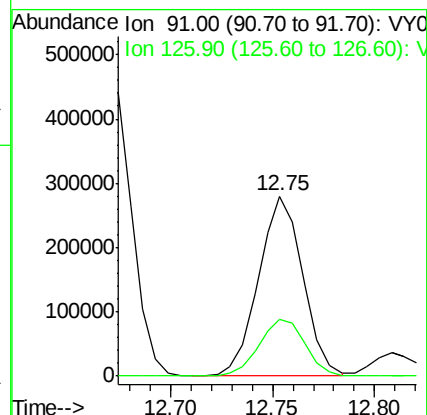
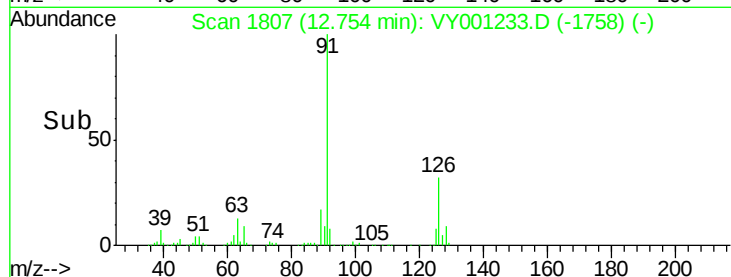
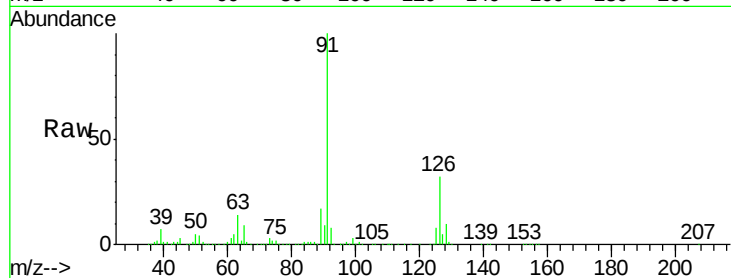
VSTDCCC050EC

Tgt Ion: 91 Resp: 422182

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 52.116 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001233.D

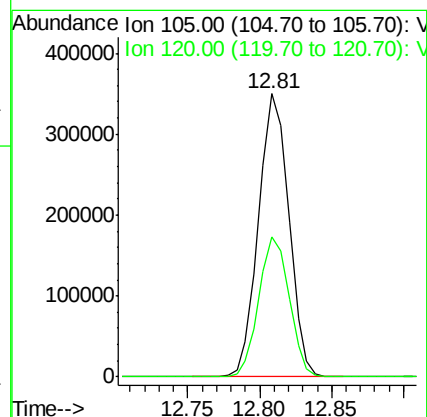
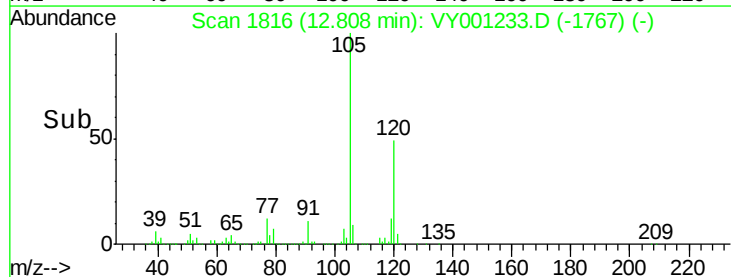
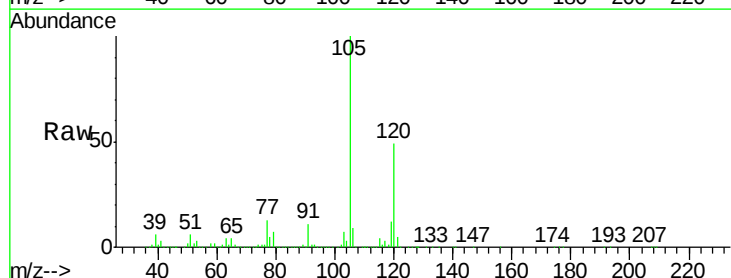
Acq: 15 Jan 2020 20:49

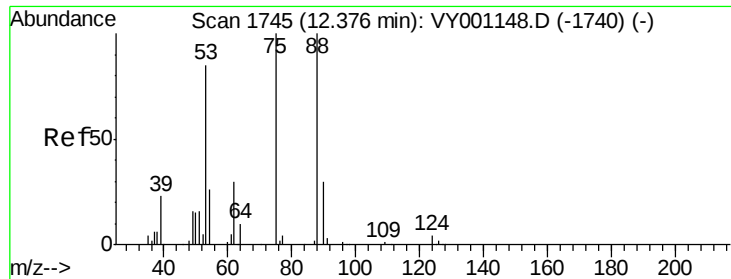
Tgt Ion: 105 Resp: 509304

Ion Ratio Lower Upper

105 100

120 49.5 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.203 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

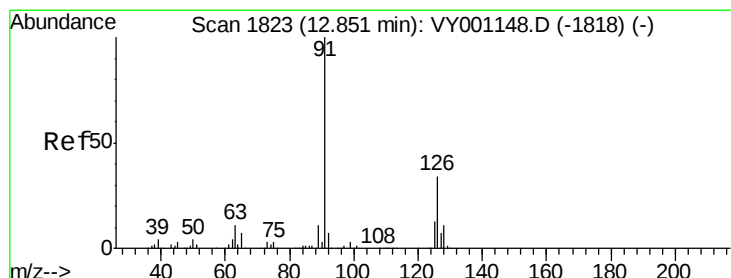
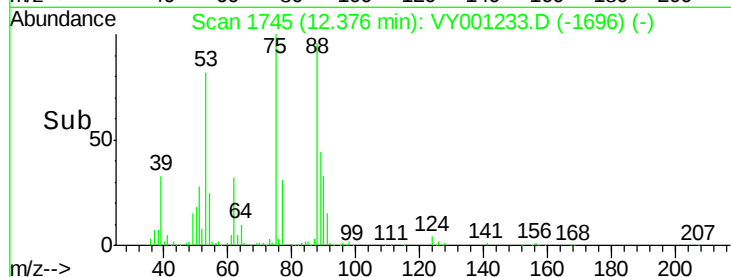
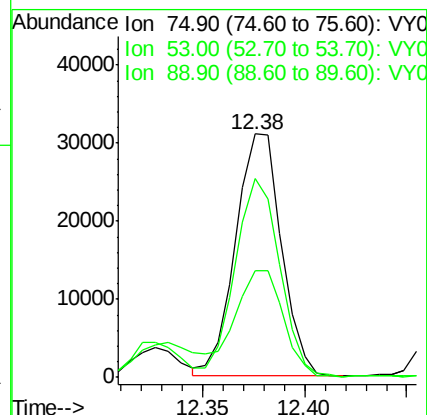
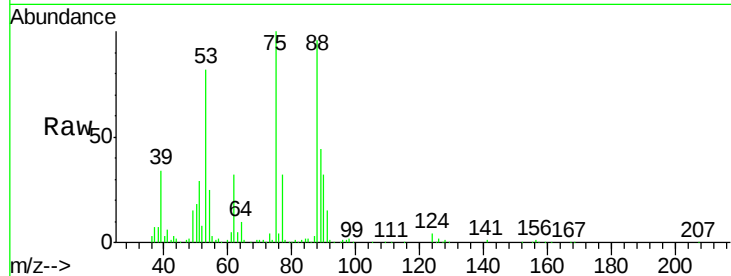
Tgt Ion: 75 Resp: 48391

Ion Ratio Lower Upper

75 100

53 79.7 69.4 104.2

89 46.4 0.0 0.0#



#82

4-Chlorotoluene

Concen: 51.031 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY001233.D

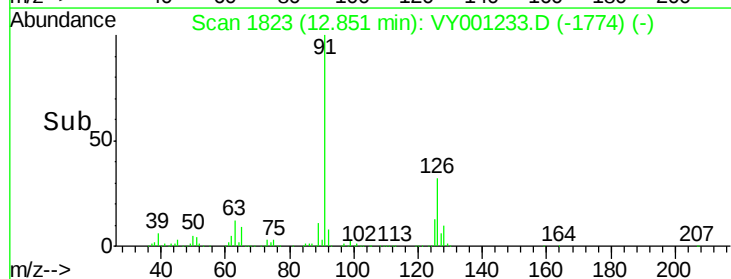
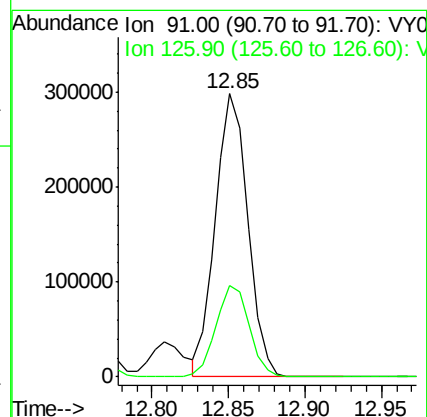
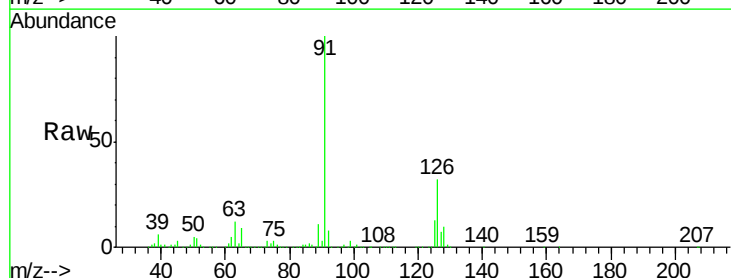
Acq: 15 Jan 2020 20:49

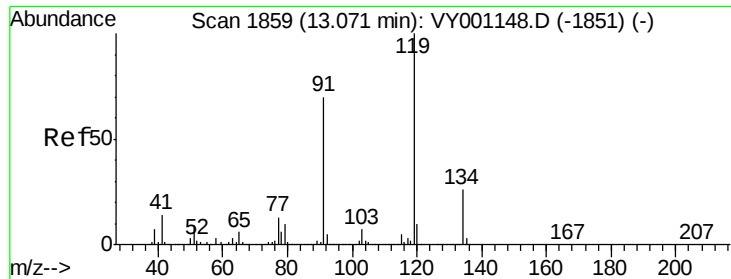
Tgt Ion: 91 Resp: 440786

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.8

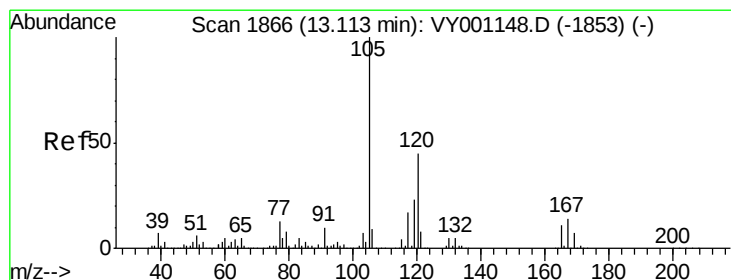
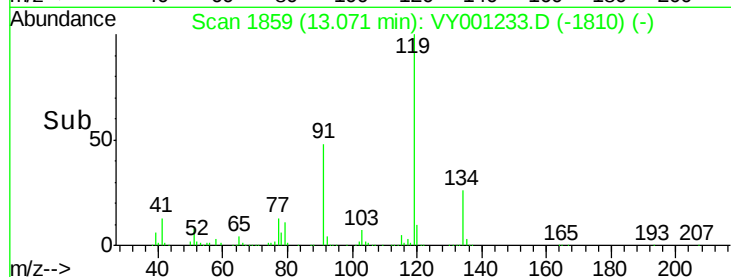
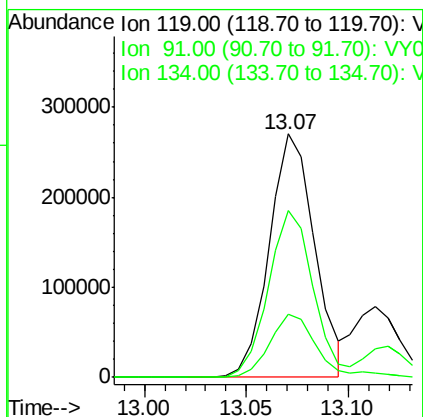
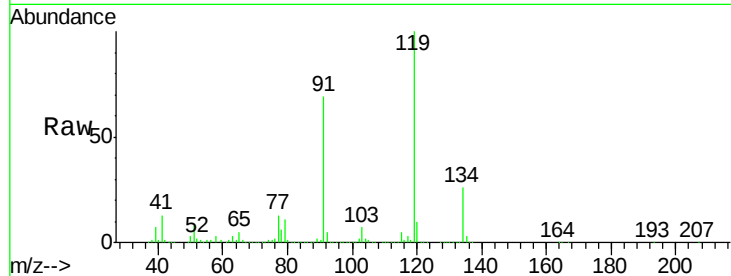




#83
 tert-Butylbenzene
 Concen: 50.844 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

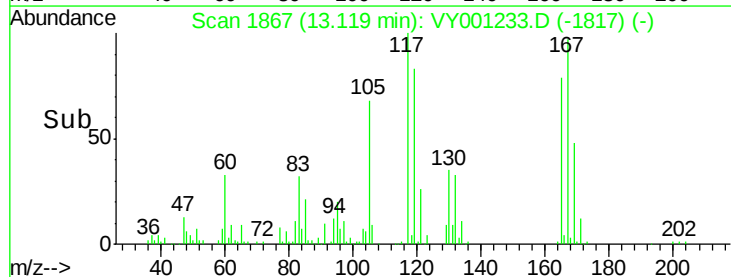
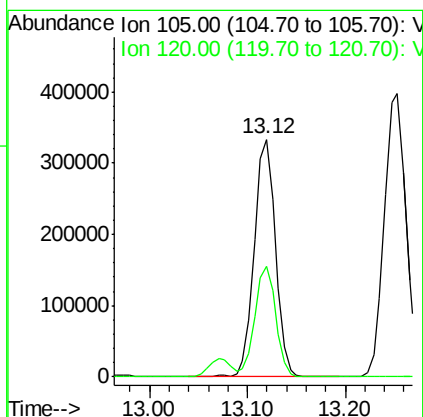
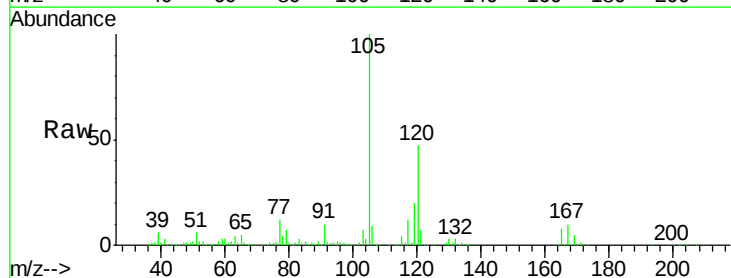
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

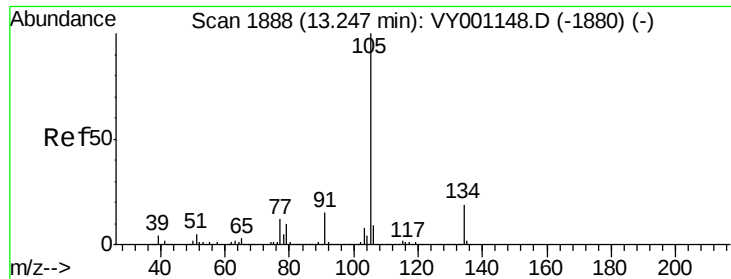
Tgt Ion:119 Resp: 417502
 Ion Ratio Lower Upper
 119 100
 91 68.1 33.9 101.7
 134 27.3 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.923 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion:105 Resp: 503897
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.8 68.3

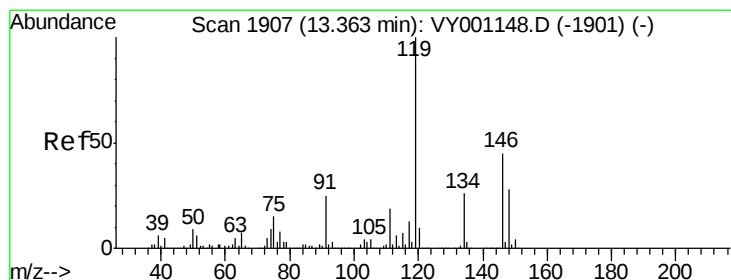
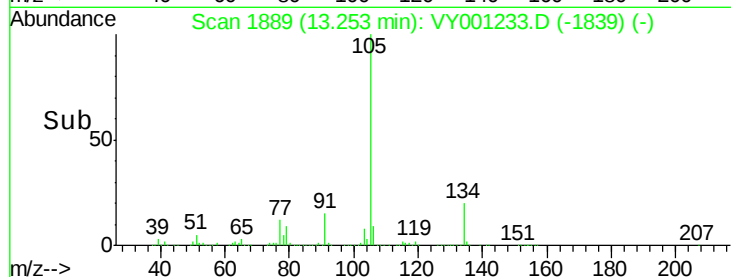
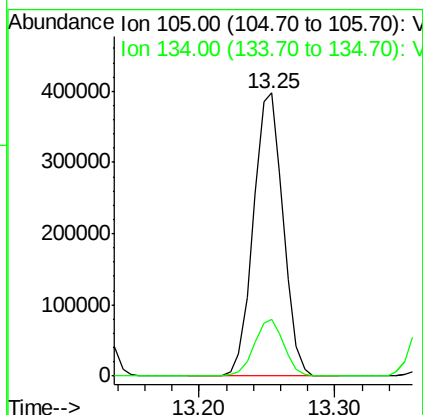
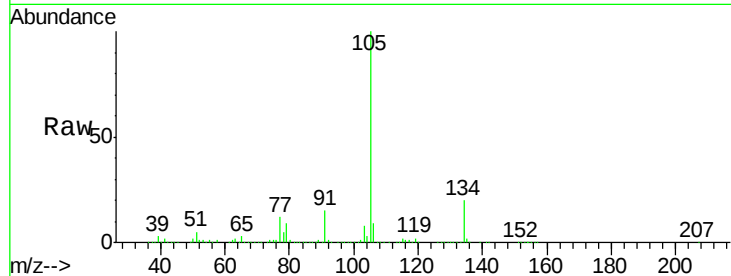




#85
 sec-Butylbenzene
 Concen: 51.509 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

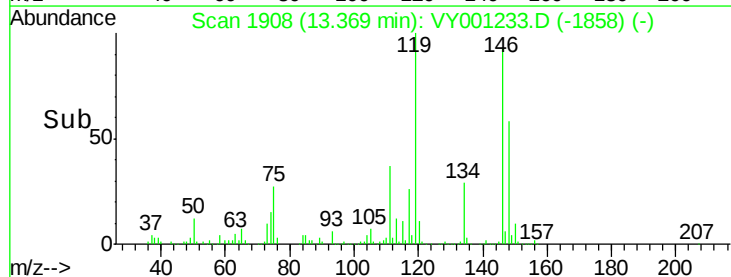
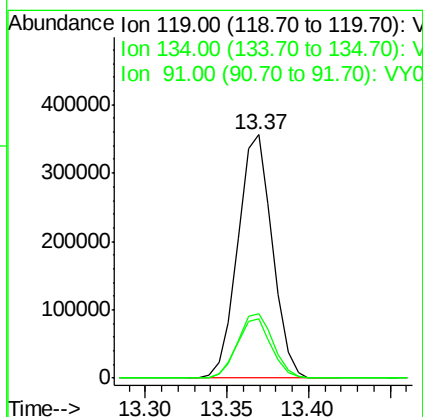
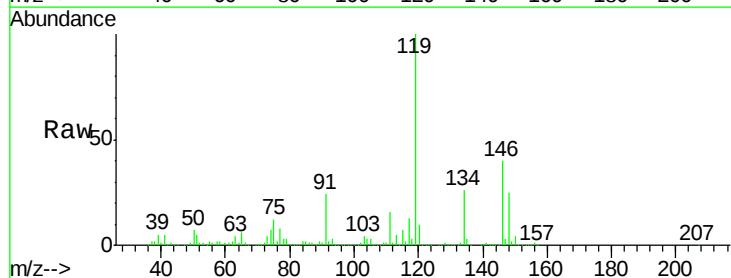
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

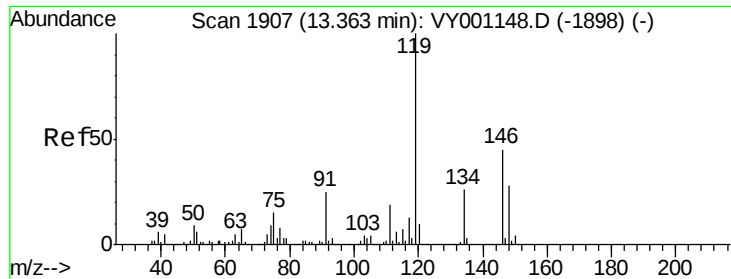
Tgt Ion:105 Resp: 608482
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.970 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion:119 Resp: 522784
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 24.2 12.4 37.2

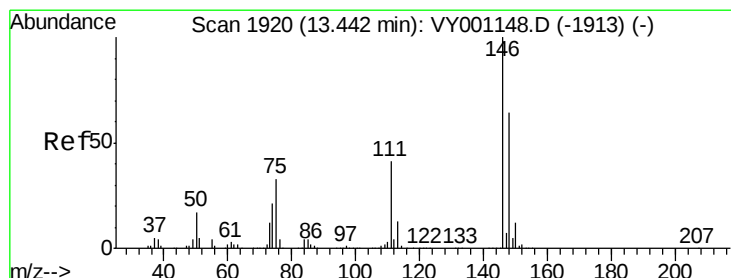
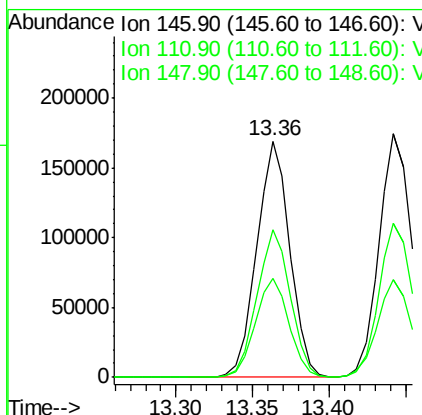
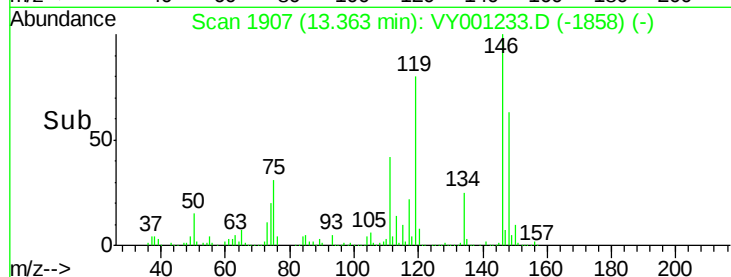
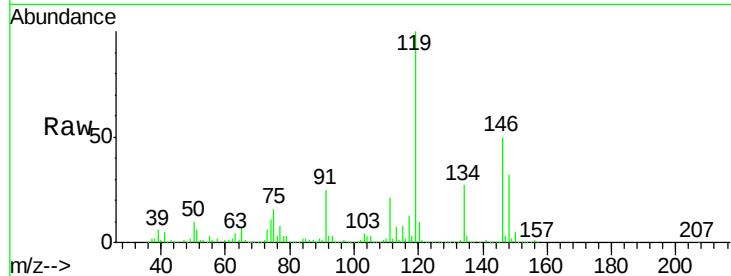




#87
 1,3-Dichlorobenzene
 Concen: 52.049 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

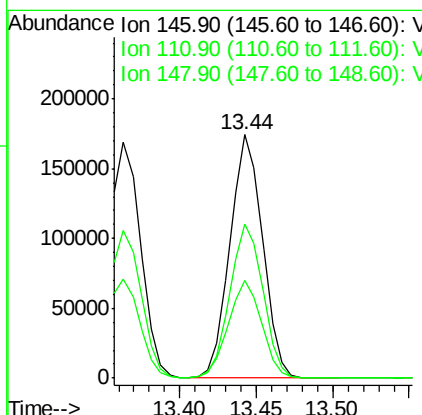
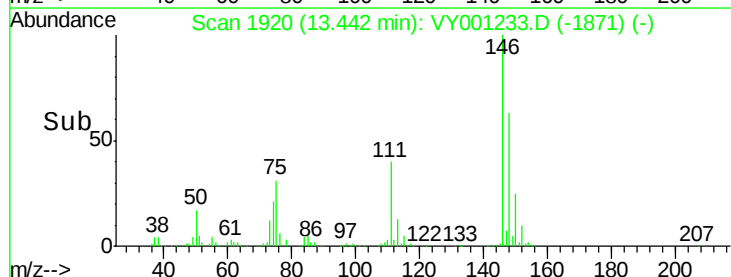
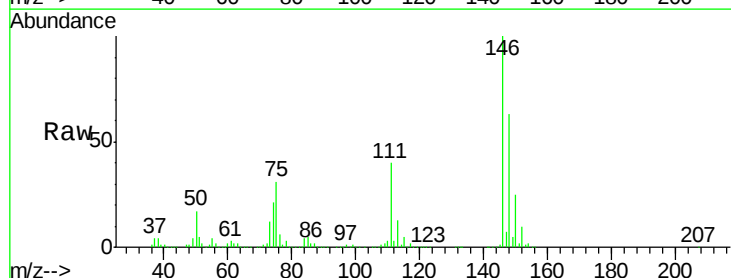
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

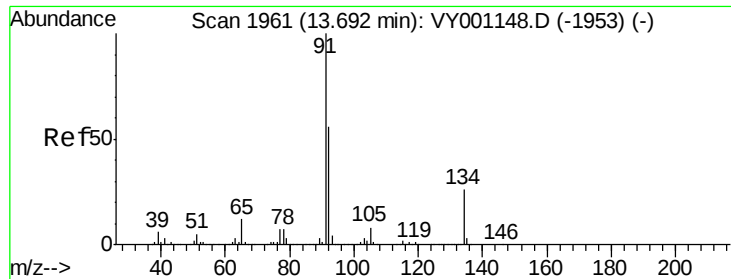
Tgt Ion:146 Resp: 254751
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 64.0
 148 62.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 51.318 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion:146 Resp: 258505
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.8 62.5
 148 63.8 32.0 96.2

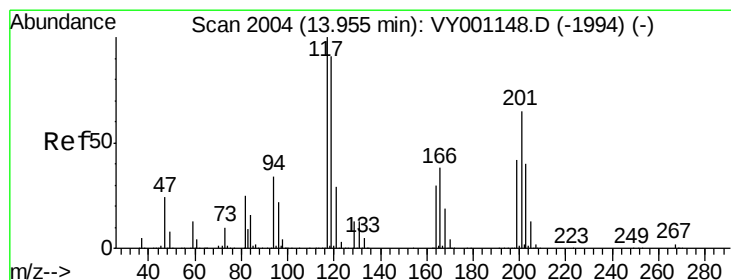
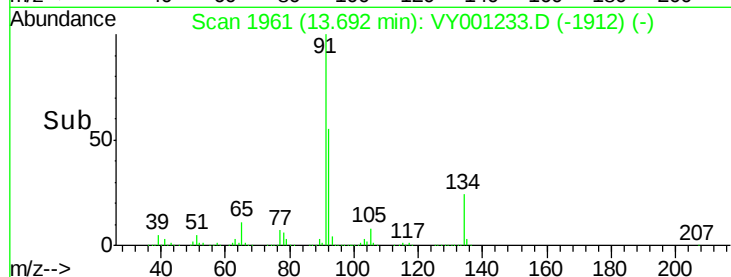
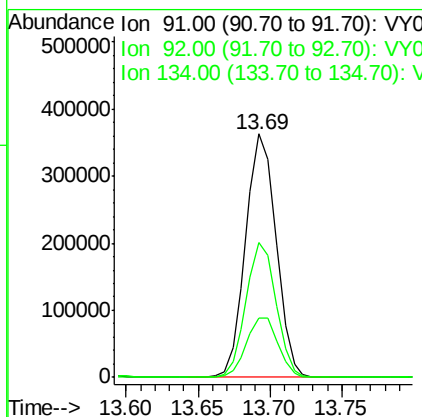
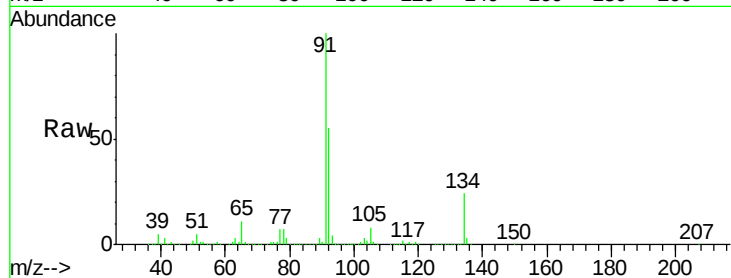




#89
n-Butylbenzene
Concen: 51.526 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

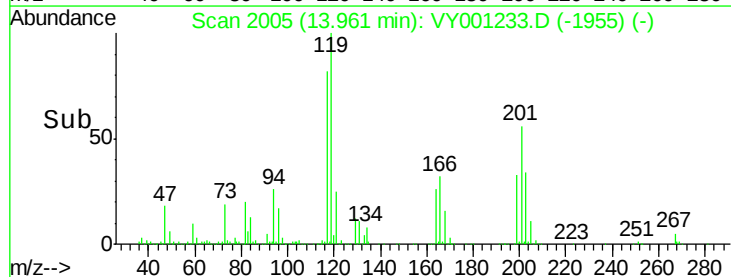
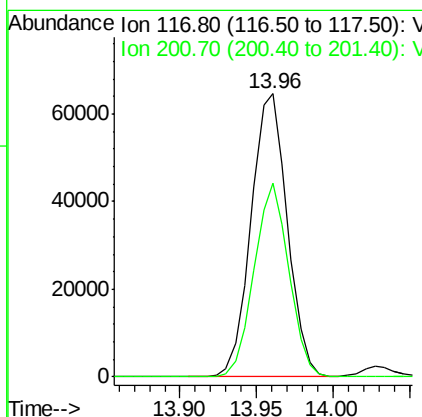
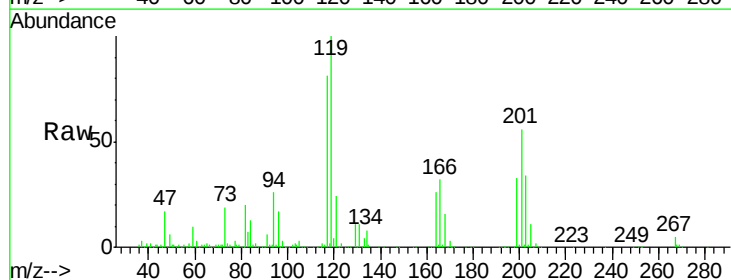
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

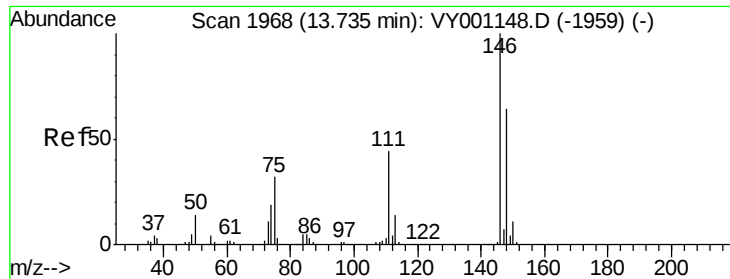
Tgt Ion: 91 Resp: 532273
Ion Ratio Lower Upper
91 100
92 54.8 27.7 83.1
134 25.5 12.9 38.6



#90
Hexachloroethane
Concen: 53.313 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion: 117 Resp: 106845
Ion Ratio Lower Upper
117 100
201 65.3 35.4 106.2





#91

1,2-Dichlorobenzene

Concen: 51.839 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

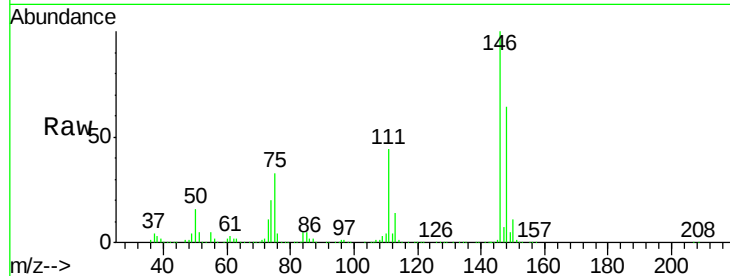
Tgt Ion:146 Resp: 235803

Ion Ratio Lower Upper

146 100

111 44.2 22.0 66.0

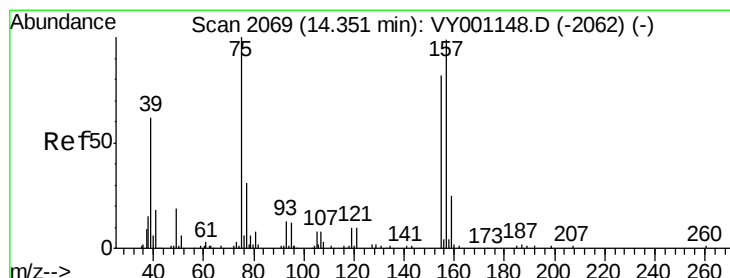
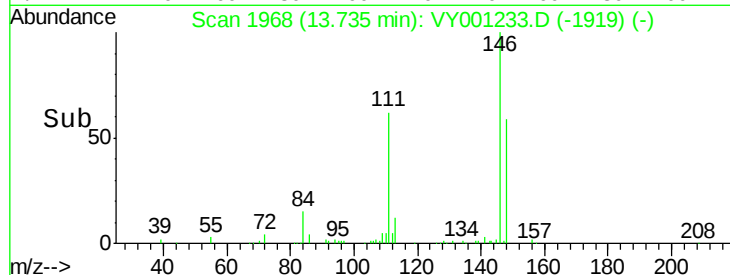
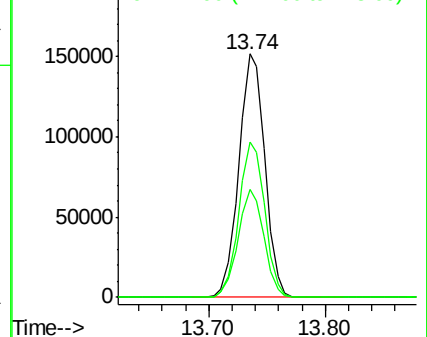
148 63.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.349 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.01 min

Lab File: VY001233.D

Acq: 15 Jan 2020 20:49

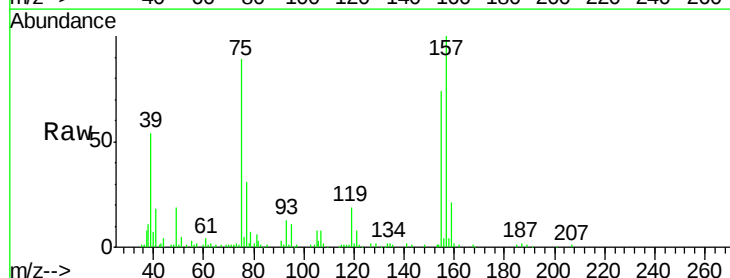
Tgt Ion: 75 Resp: 21047

Ion Ratio Lower Upper

75 100

155 85.7 41.2 123.6

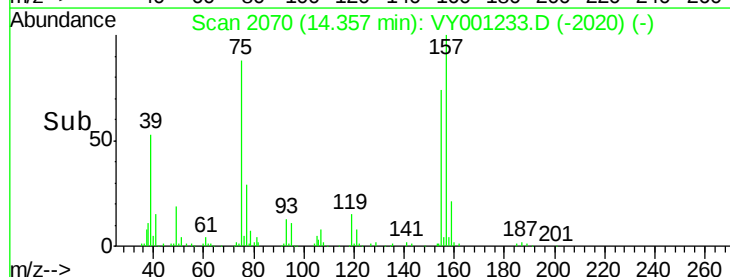
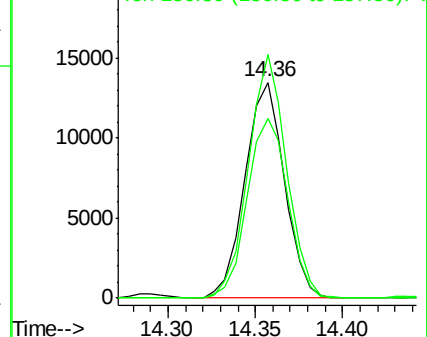
157 108.8 52.8 158.4

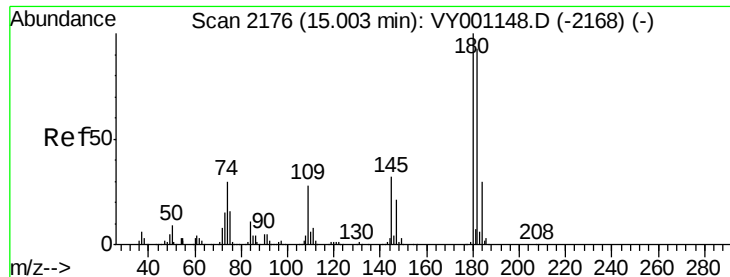


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

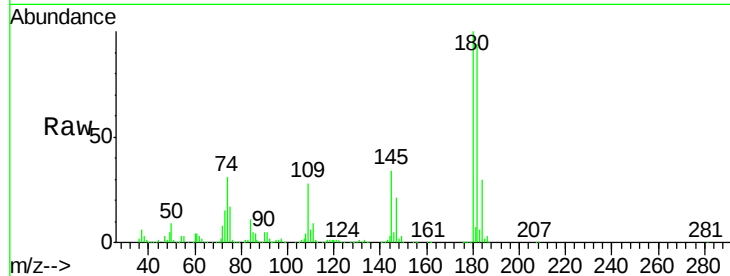




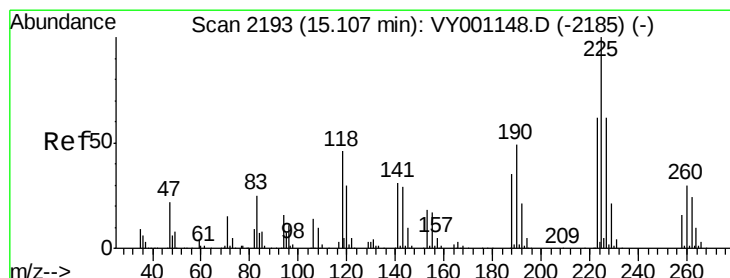
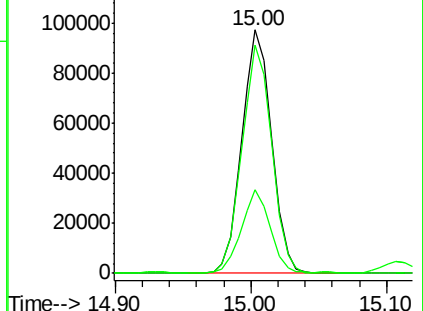
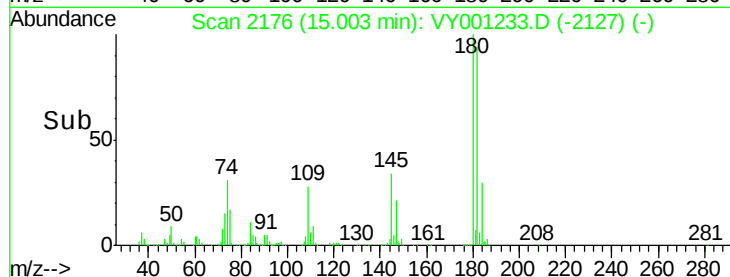
#93
 1,2,4-Trichlorobenzene
 Concen: 49.577 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 148582
 Ion Ratio Lower Upper
 180 100
 182 94.1 46.9 140.8
 145 33.4 16.0 48.0

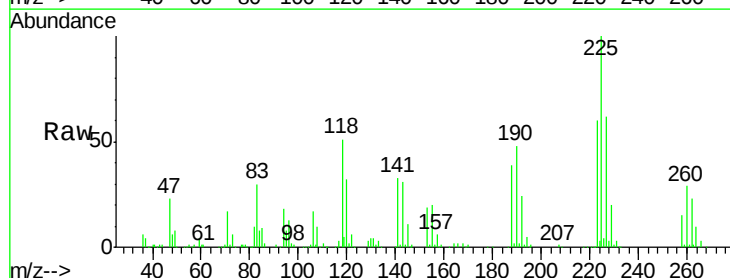


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

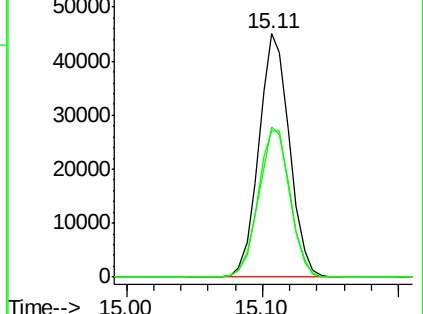
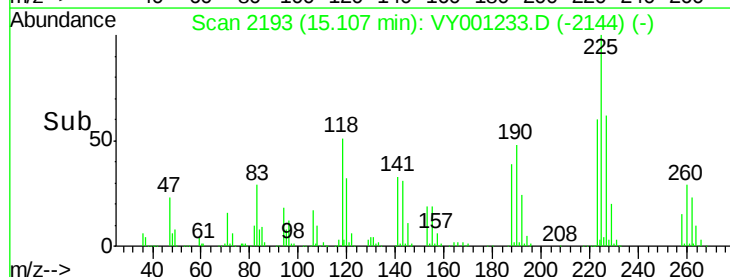


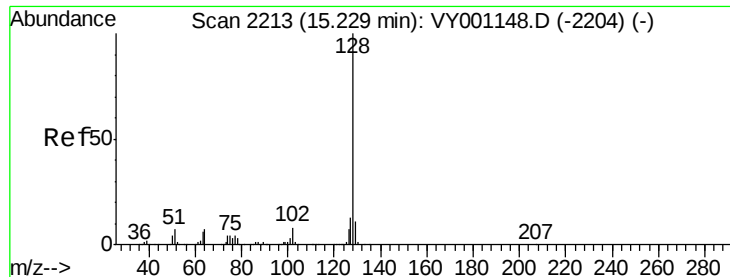
#94
 Hexachlorobutadiene
 Concen: 47.002 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY001233.D
 Acq: 15 Jan 2020 20:49

Tgt Ion:225 Resp: 70966
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.3
 227 62.4 31.3 93.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

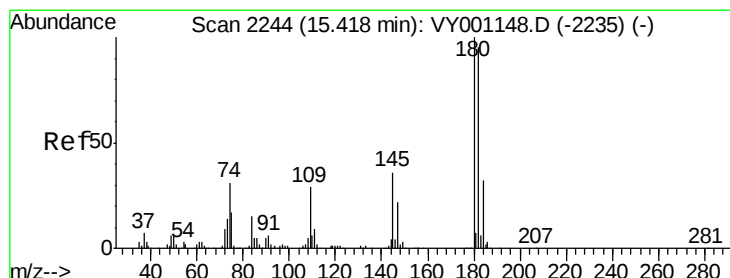
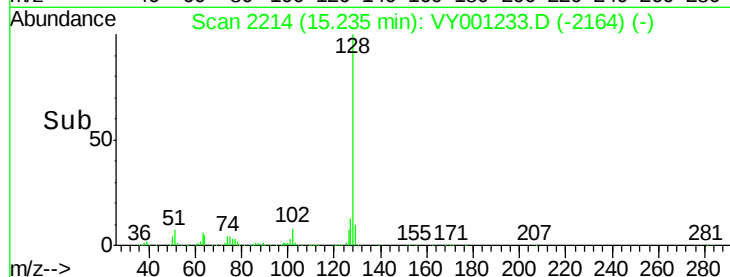
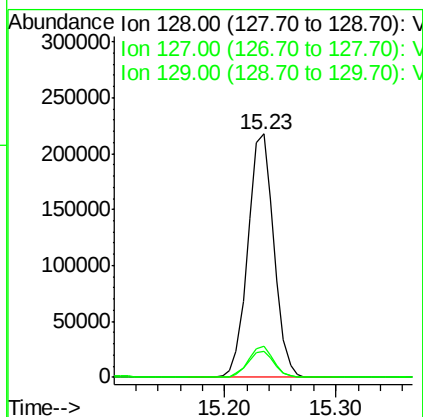
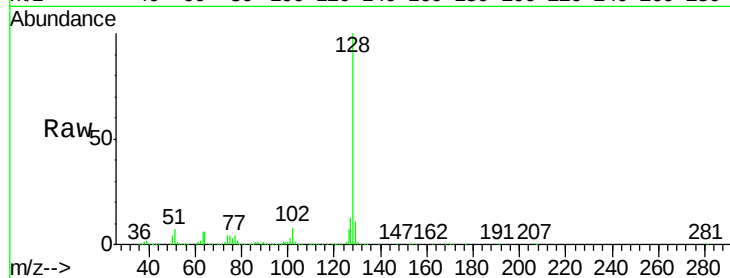




#95
Naphthalene
Concen: 50.440 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 351932
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 49.308 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY001233.D
Acq: 15 Jan 2020 20:49

Tgt Ion:180 Resp: 130238
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 37.2 17.1 51.3

