

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003615.D
 Acq On : 24 Nov 2020 18:49
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 25 06:05:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 06:01:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	187425	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	173443	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	89810	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	41998	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.32%
7) Chloroethane-d5	2.77	69	39806	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
10) 1,1-Dichloroethene-d2	3.86	63	112156	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.84%
20) 2-Butanone-d5	6.91	46	51565	49.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.02%
24) Chloroform-d	7.49	84	121321	25.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.88%
26) 1,2-Dichloroethane-d4	8.14	65	68608	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.80%
29) Benzene-d6	8.11	84	242267	23.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.88%
33) 1,2-Dichloropropane-d6	9.12	67	75685	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.16%
37) Toluene-d8	10.18	98	219145	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.84%
38) trans-1,3-Dichloropropene-	10.44	79	37206	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.64%
39) 2-Hexanone-d5	10.79	63	39654	51.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.94%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	66261	25.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.68%
61) 1,2-Dichlorobenzene-d4	13.72	152	68478	23.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.48%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.92	85	22318	22.468 ug/L	94
3) Chloromethane	2.12	50	48026	22.970 ug/L	99
5) Vinyl chloride	2.26	62	69108	27.673 ug/L	100
6) Bromomethane	2.66	94	50114	25.853 ug/L	99
8) Chloroethane	2.80	64	43808	25.835 ug/L	96
9) Trichlorofluoromethane	3.13	101	54401	22.727 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	67407	27.157 ug/L	98
12) 1,1-Dichloroethene	3.88	96	70973	27.339 ug/L	88
13) Acetone	3.97	43	35694	47.730 ug/L	99
14) Carbon disulfide	4.20	76	222720	25.896 ug/L	99
15) Methyl Acetate	4.49	43	48606	25.608 ug/L	99
16) Methylene chloride	4.72	84	81434	25.344 ug/L	94
17) Methyl tert-butyl Ether	5.23	73	114890	28.325 ug/L #	90
18) trans-1,2-Dichloroethene	5.22	96	72746	26.590 ug/L	97
19) 1,1-Dichloroethane	6.02	63	126344	27.345 ug/L	98
21) 2-Butanone	7.00	43	61165	48.567 ug/L	99
22) cis-1,2-Dichloroethene	6.99	96	77938	27.736 ug/L	92

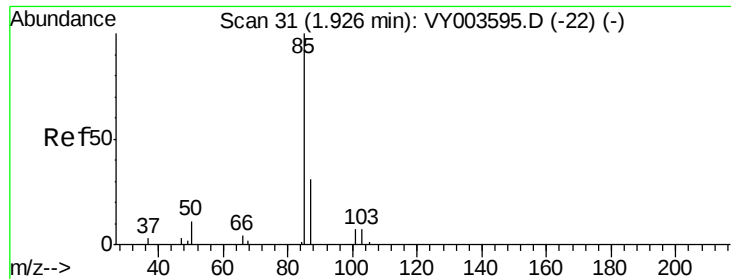
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.34	128	39211	28.817	ug/L	92
25) Chloroform	7.51	83	127909	27.840	ug/L	99
27) 1,2-Dichloroethane	8.24	62	88374	28.474	ug/L	98
30) Cyclohexane	7.78	56	106469	25.246	ug/L	98
31) 1,1,1-Trichloroethane	7.71	97	97830	25.926	ug/L	99
32) Carbon tetrachloride	7.91	117	92387	25.762	ug/L	99
34) Benzene	8.16	78	298664	27.299	ug/L	100
35) Trichloroethene	8.94	95	71306	25.738	ug/L	99
36) Methylcyclohexane	9.18	83	110888	25.603	ug/L	99
40) 1,2-Dichloropropane	9.22	63	75496	27.988	ug/L	99
41) Bromodichloromethane	9.50	83	97664	28.366	ug/L #	98
42) cis-1,3-Dichloropropene	9.93	75	120249	28.268	ug/L	94
43) 4-Methyl-2-pentanone	10.07	43	117828	52.204	ug/L	99
44) Toluene	10.24	91	314784	27.299	ug/L	99
45) trans-1,3-Dichloropropene	10.46	75	111675	28.502	ug/L	97
46) 1,1,2-Trichloroethane	10.64	97	62693	29.089	ug/L	98
47) Tetrachloroethene	10.72	164	63175	26.230	ug/L	96
49) 2-Hexanone	10.83	43	95293	53.451	ug/L	99
50) Dibromochloromethane	10.99	129	74131	28.526	ug/L	98
51) 1,2-Dibromoethane	11.09	107	62342	29.023	ug/L	96
52) Chlorobenzene	11.52	112	201623	27.376	ug/L	98
53) Ethylbenzene	11.59	91	311325	26.283	ug/L	98
54) m,p-Xylene	11.70	106	121619	26.674	ug/L	99
55) o-xylene	12.03	106	97456	25.605	ug/L	93
56) Styrene	12.04	104	212459	28.507	ug/L	98
57) Isopropylbenzene	12.33	105	207673	24.108	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.58	83	70098	27.568	ug/L	98
59) 1,2,3-Trichloropropane	12.63	75	51914	26.228	ug/L	99
62) Bromoform	12.20	173	49886	27.367	ug/L	99
63) 1,3-Dichlorobenzene	13.36	146	148217	26.152	ug/L	99
64) 1,4-Dichlorobenzene	13.44	146	153307	26.270	ug/L	98
65) 1,2-Dichlorobenzene	13.73	146	122980	26.348	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.36	75	9205	23.169	ug/L	92
67) 1,3,5-Trichlorobenzene	14.50	180	73084	24.309	ug/L	99
68) 1,2,4-trichlorobenzene	15.00	180	63307	24.444	ug/L	99
69) Naphthalene	15.23	128	116147	25.424	ug/L	99
70) 1,2,3-Trichlorobenzene	15.42	180	50688	25.890	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 22.468 ug/L

RT: 1.92 min Scan# 30

Delta R.T. -0.01 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

Instrument :

MSVOA_Y

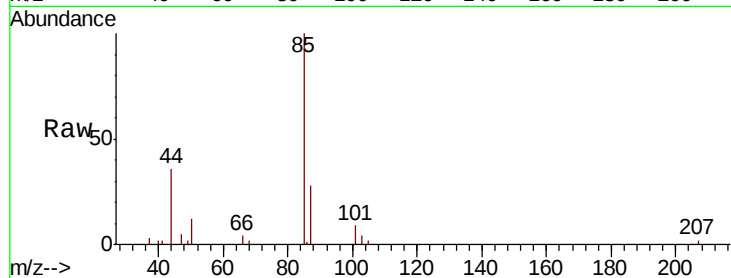
ClientSampleId :

Tot Ion: 85 Resp: 22318

Ion Ratio Lower Upper

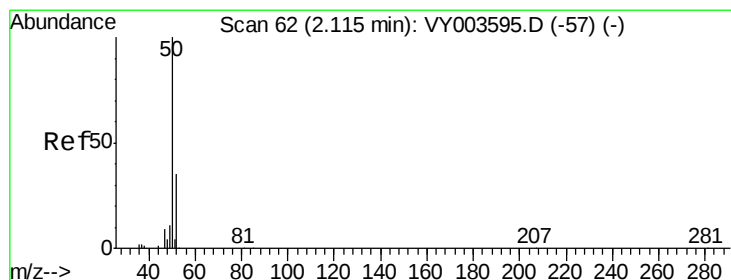
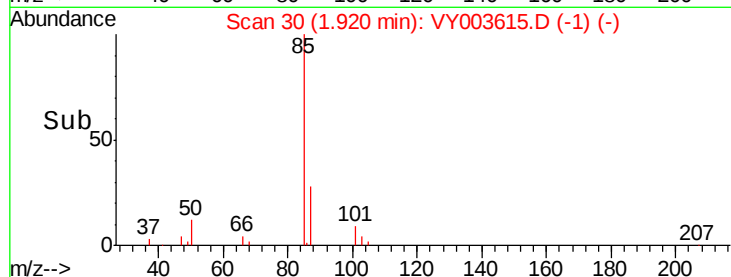
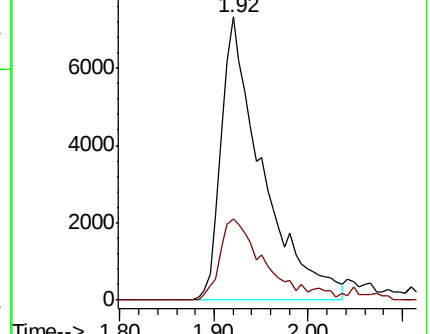
85 100

87 27.2 21.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#3

Chloromethane

Concen: 22.970 ug/L

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003615.D

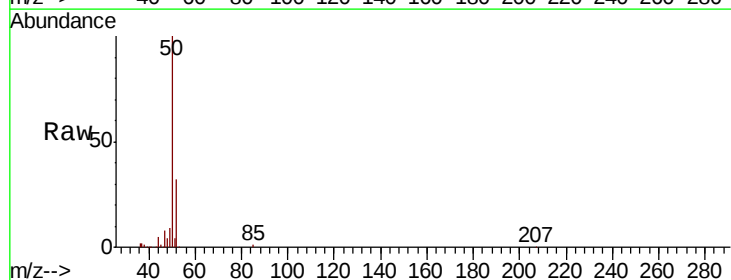
Acq: 24 Nov 2020 18:49

Tgt Ion: 50 Resp: 48026

Ion Ratio Lower Upper

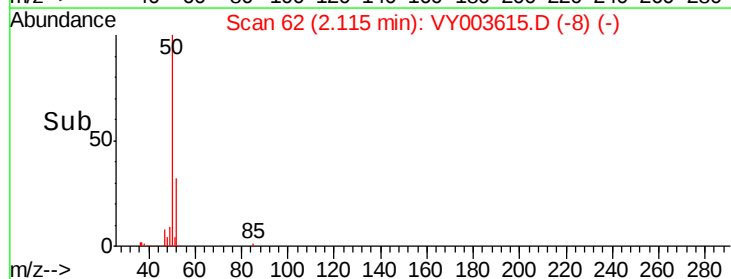
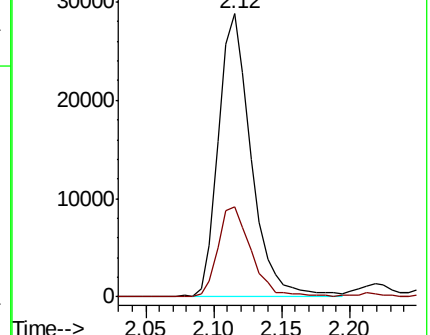
50 100

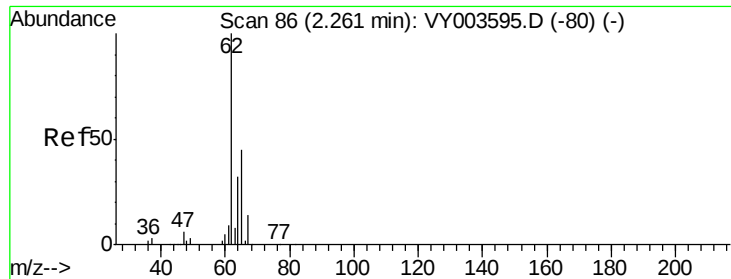
52 31.6 22.4 41.6



Abundance Ion 50.00 (49.70 to 50.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#5

Vinyl chloride

Concen: 27.673 ug/L

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

Instrument :

MSVOA_Y

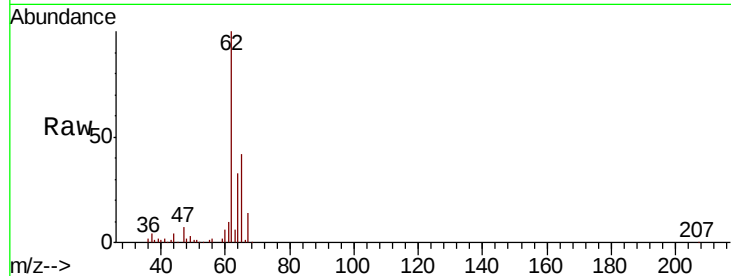
ClientSampleId :

Tot Ion: 62 Resp: 69108

Ion Ratio Lower Upper

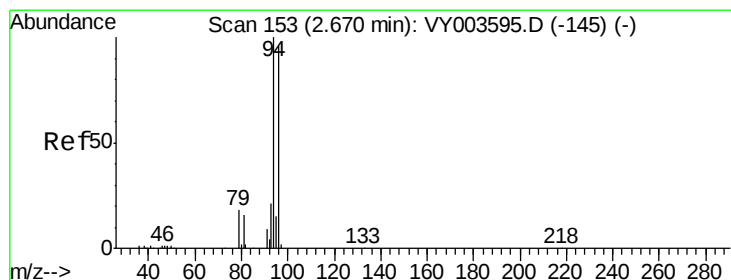
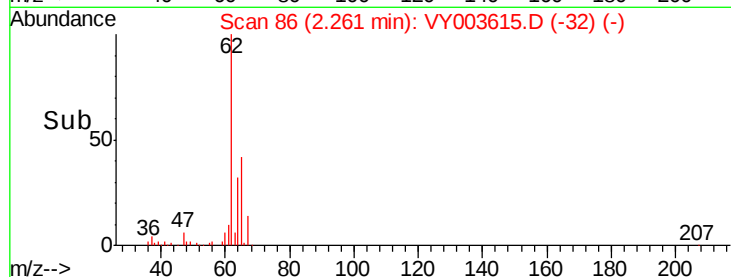
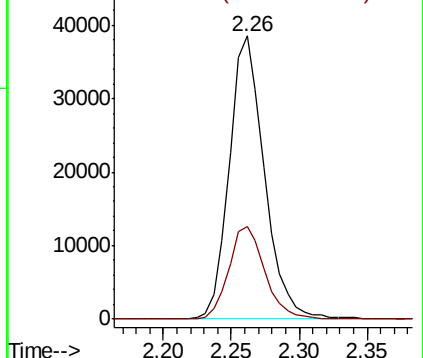
62 100

64 32.7 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VY0

Ion 64.00 (63.70 to 64.70): VY0



#6

Bromomethane

Concen: 25.853 ug/L

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY003615.D

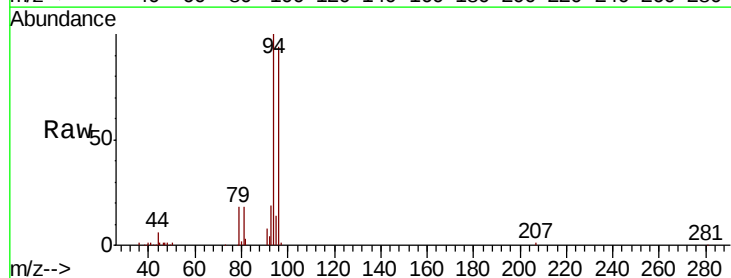
Acq: 24 Nov 2020 18:49

Tgt Ion: 94 Resp: 50114

Ion Ratio Lower Upper

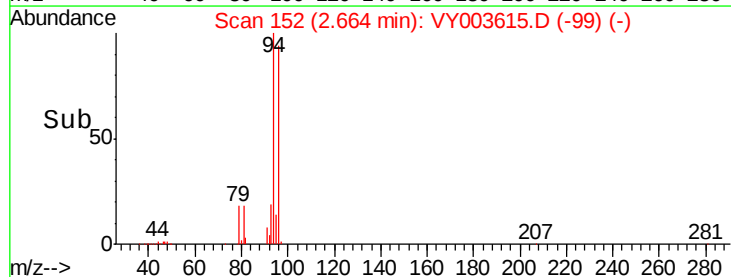
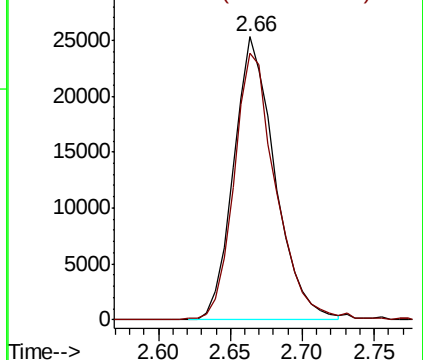
94 100

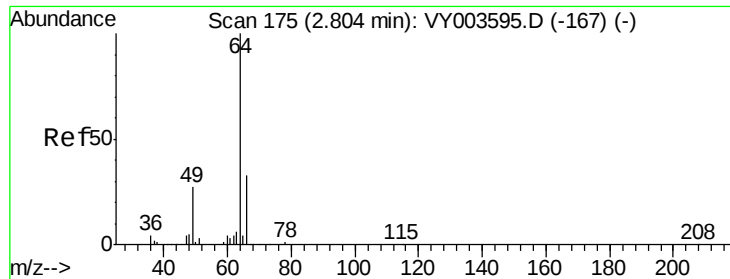
96 95.2 9.4 178.6



Abundance Ion 94.00 (93.70 to 94.70): VY0

Ion 96.00 (95.70 to 96.70): VY0

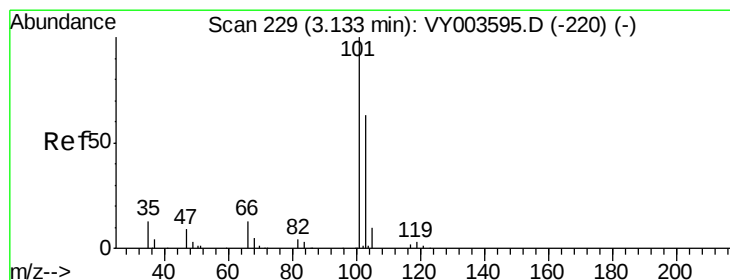
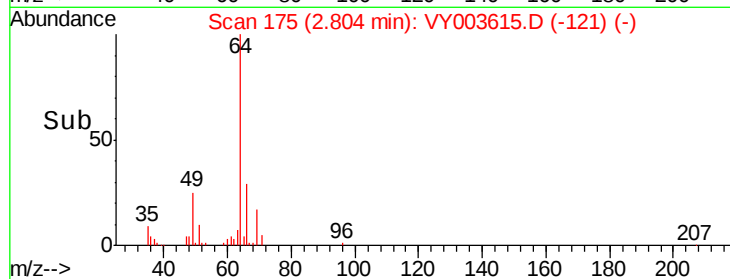
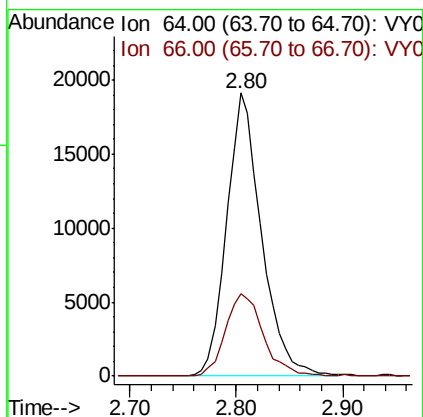
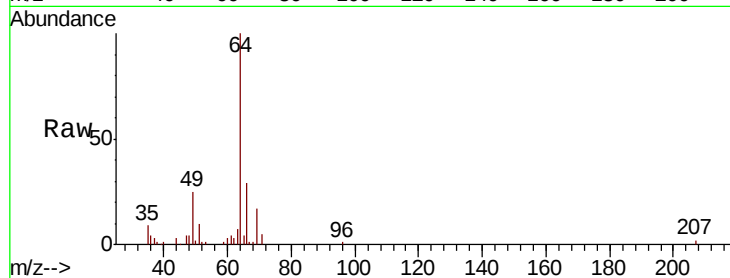




#8
Chloroethane
Concen: 25.835 ug/L
RT: 2.80 min Scan# 175
Delta R.T. 0.00 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

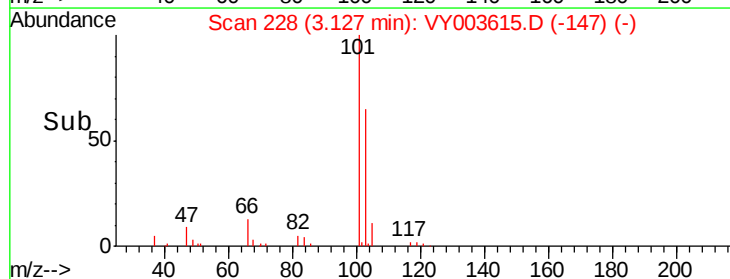
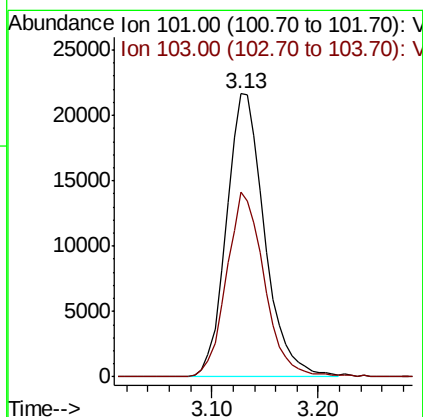
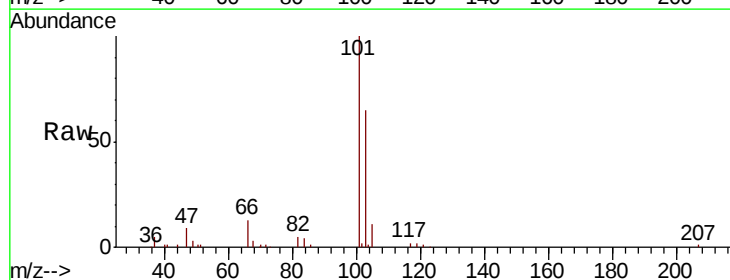
Instrument :
MSVOA_Y
ClientSampleId :

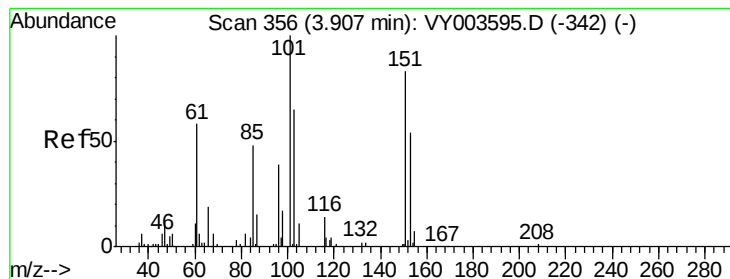
Tot Ion: 64 Resp: 43808
Ion Ratio Lower Upper
64 100
66 29.3 21.8 40.6



#9
Trichlorofluoromethane
Concen: 22.727 ug/L
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

Tgt Ion: 101 Resp: 54401
Ion Ratio Lower Upper
101 100
103 64.6 45.6 84.6





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 27.157 ug/L

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

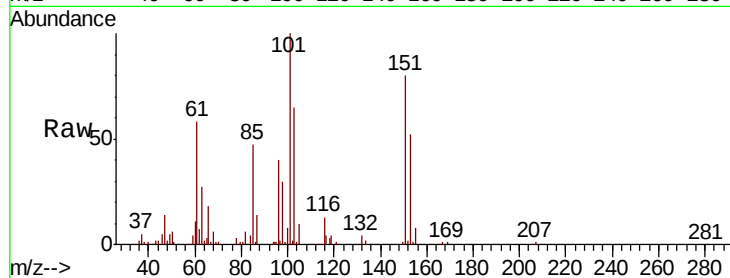
Tot Ion:101 Resp: 67407

Ion Ratio Lower Upper

101 100

85 42.9 35.0 52.4

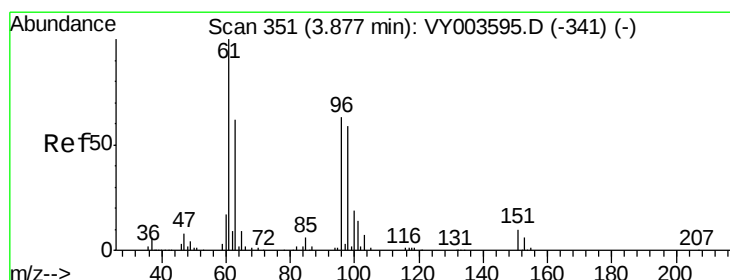
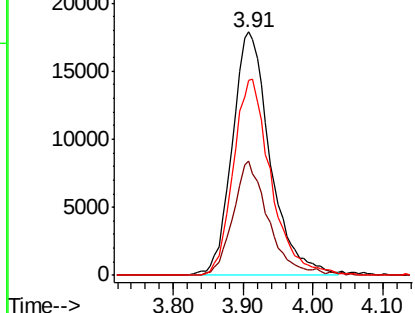
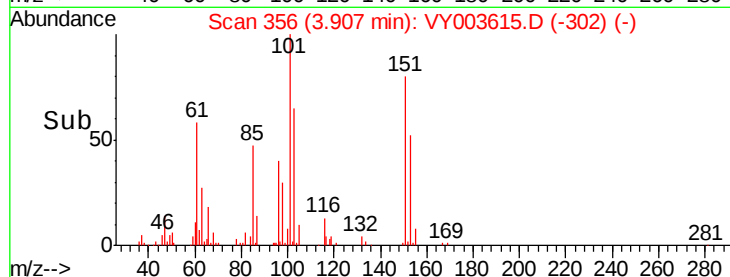
151 79.9 65.4 98.0



Abundance Ion 101.00 (100.70 to 101.70): VY003615.D (-302) (-)

Ion 85.00 (84.70 to 85.70): VY003615.D (-302) (-)

Ion 151.00 (150.70 to 151.70): VY003615.D (-302) (-)



#12

1,1-Dichloroethene

Concen: 27.339 ug/L

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

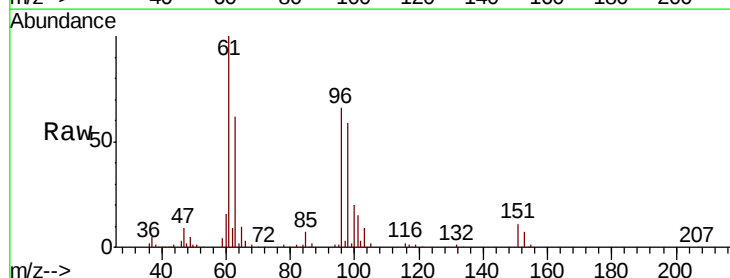
Tgt Ion: 96 Resp: 70973

Ion Ratio Lower Upper

96 100

61 152.0 116.6 216.6

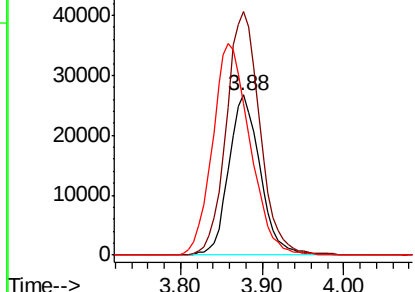
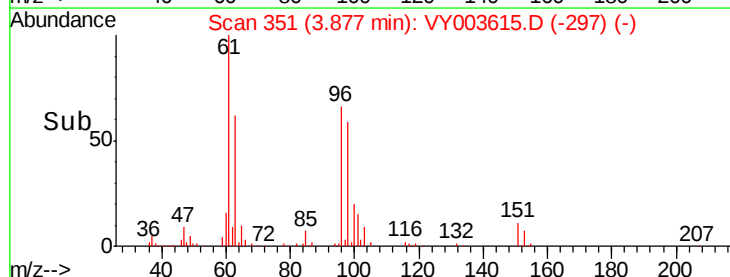
63 94.9 77.5 143.9

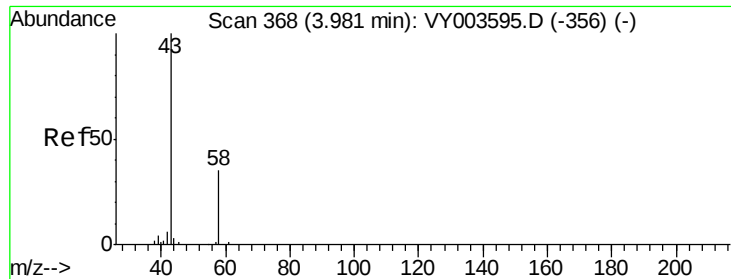


Abundance Ion 96.00 (95.70 to 96.70): VY003615.D (-297) (-)

Ion 61.00 (60.70 to 61.70): VY003615.D (-297) (-)

Ion 63.00 (62.70 to 63.70): VY003615.D (-297) (-)





#13

Acetone

Concen: 47.730 ug/L

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

Instrument :

MSVOA_Y

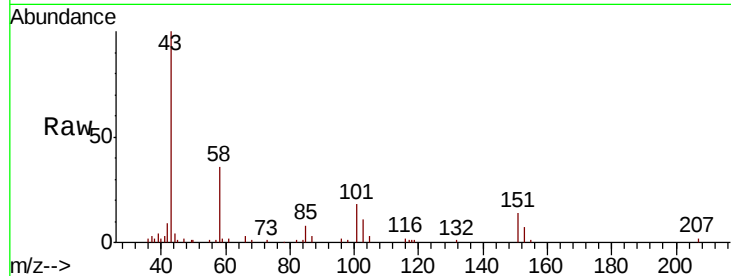
ClientSampleId :

Tot Ion: 43 Resp: 35694

Ion Ratio Lower Upper

43 100

58 32.4 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

12000

10000

8000

6000

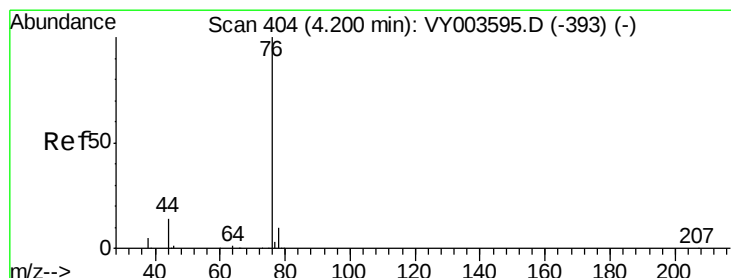
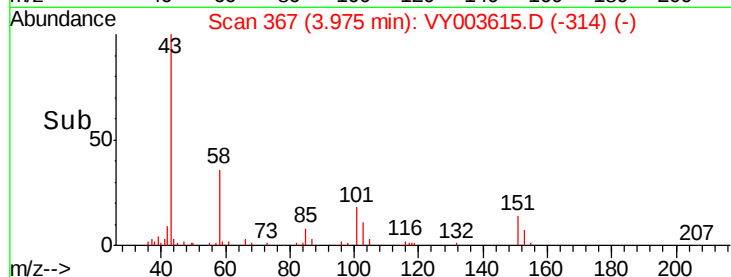
4000

2000

0

Time-->

3.90 4.00 4.10



#14

Carbon disulfide

Concen: 25.896 ug/L

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003615.D

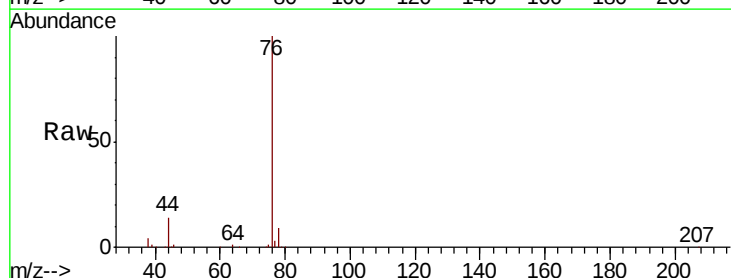
Acq: 24 Nov 2020 18:49

Tgt Ion: 76 Resp: 222720

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VY0

Ion 78.00 (77.70 to 78.70): VY0

4.20

80000

60000

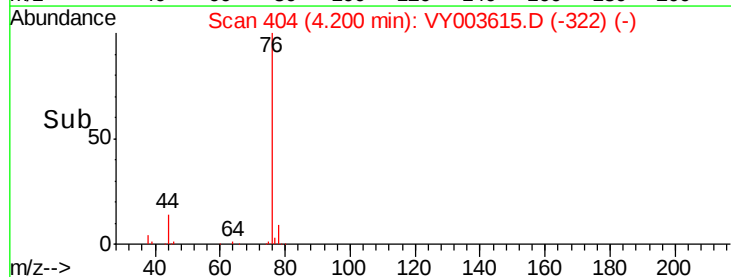
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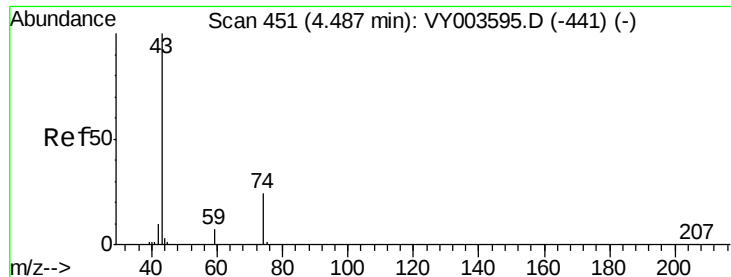
20000

0

Time-->

4.10 4.20 4.30

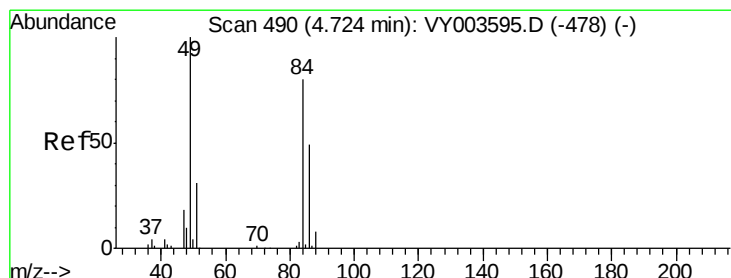
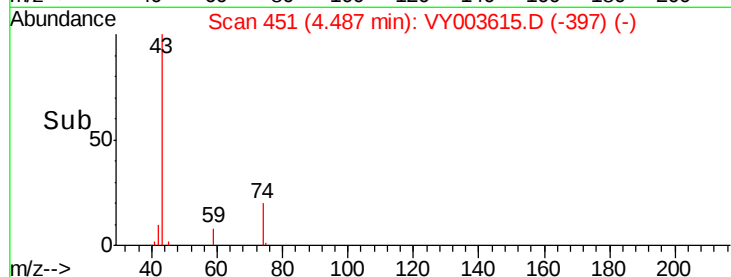
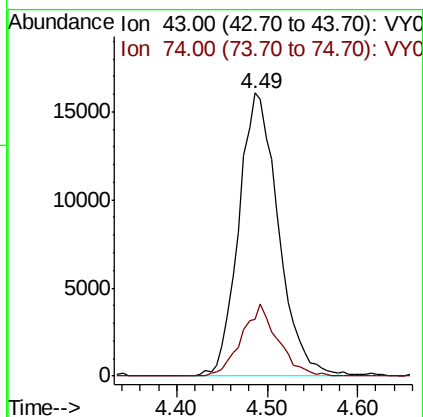
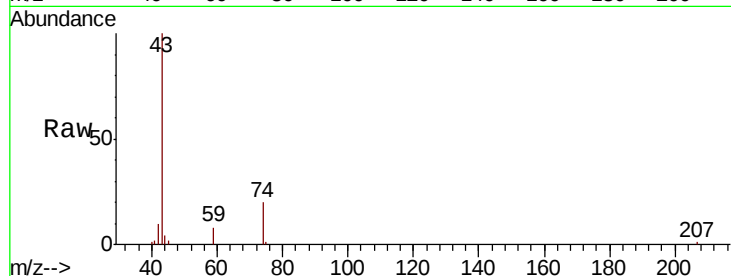




#15
Methvl Acetate
Concen: 25.608 ug/L
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

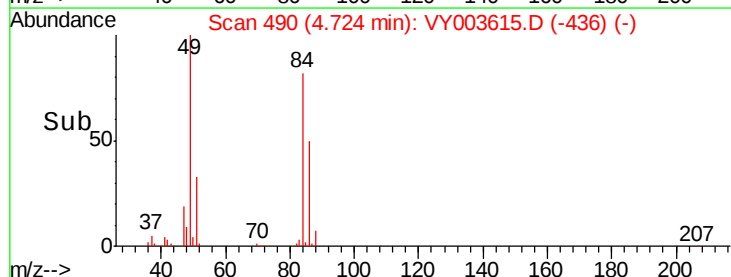
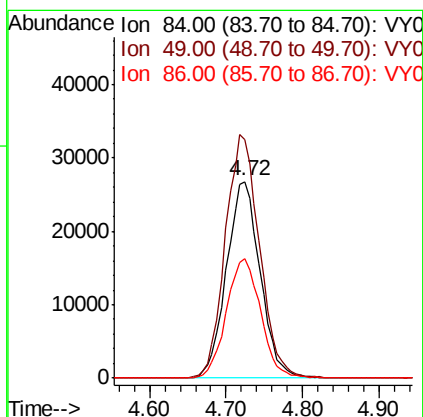
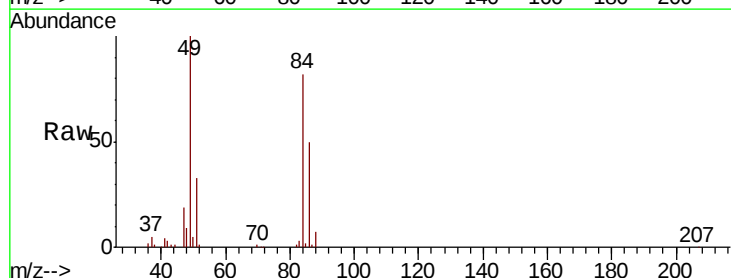
Instrument :
MSVOA_Y
ClientSampleId :

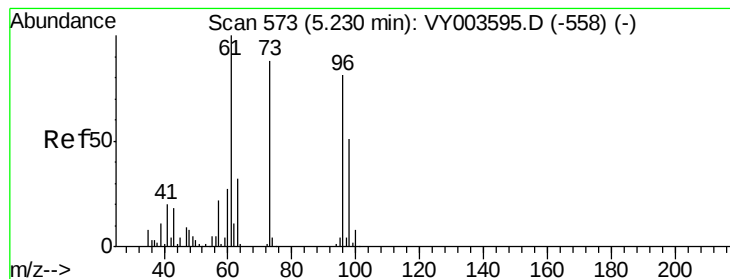
Tot Ion: 43 Resp: 48606
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.2



#16
Methylene chloride
Concen: 25.344 ug/L
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

Tgt Ion: 84 Resp: 81434
Ion Ratio Lower Upper
84 100
49 121.3 90.3 167.7
86 60.8 44.7 83.1



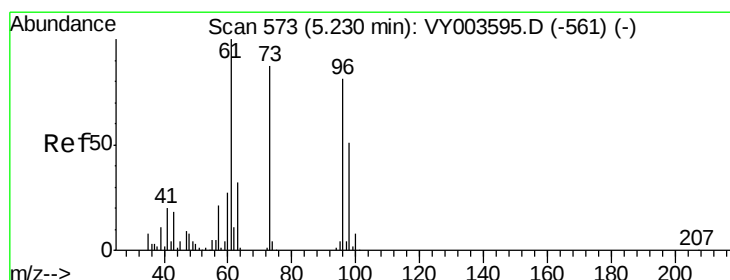
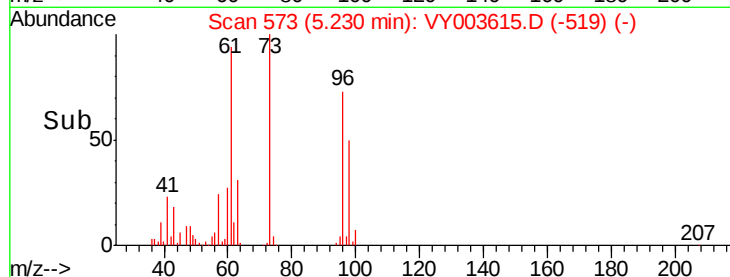
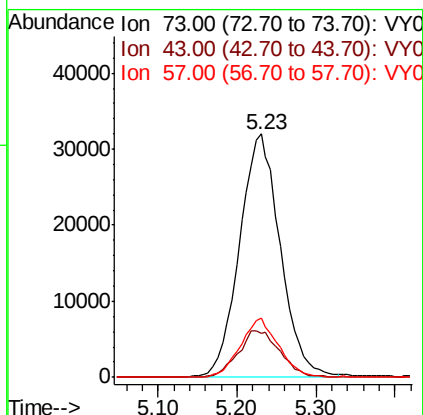
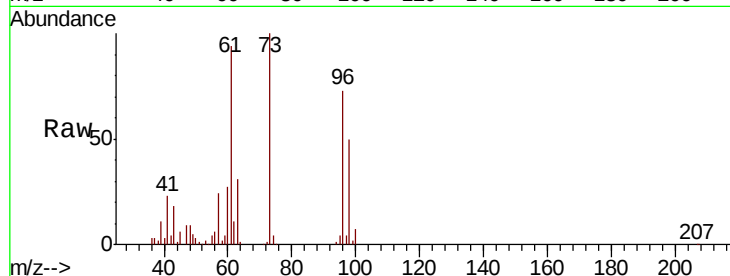


#17

Methvl tert-butvl Ether
 Concen: 28.325 ug/L
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY003615.D
 Acq: 24 Nov 2020 18:49

Instrument :
 MSVOA_Y
 ClientSampleId :

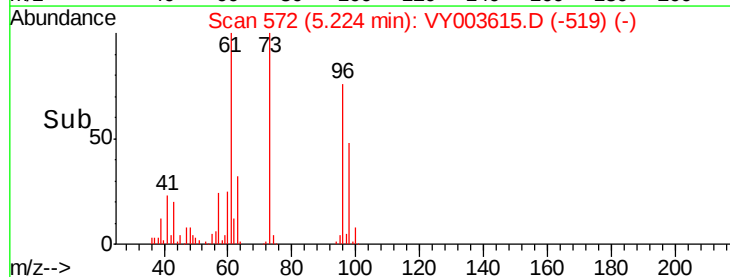
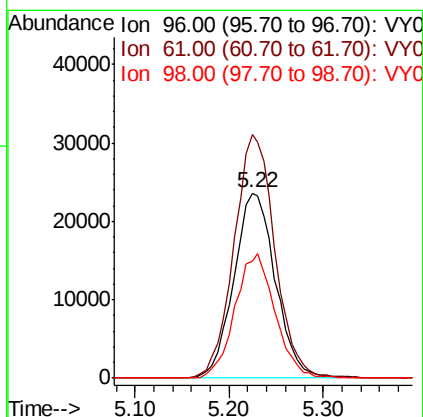
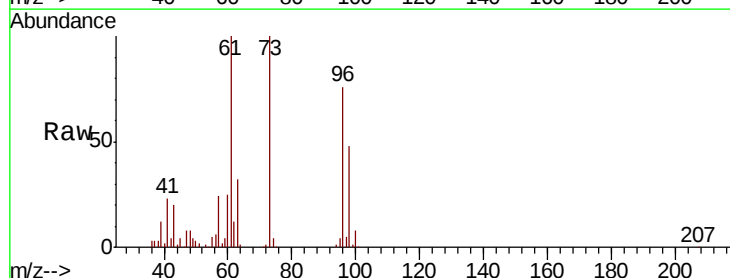
Tot Ion	Ratio	Lower	Upper
73	100		
43	19.9	15.9	23.9
57	22.8	10.5	15.7

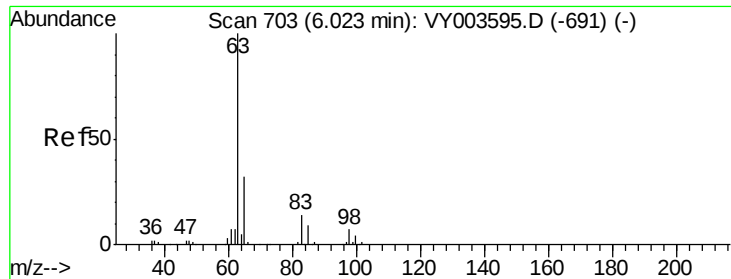


#18

trans-1,2-Dichloroethene
 Concen: 26.590 ug/L
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY003615.D
 Acq: 24 Nov 2020 18:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.5	90.8	168.6
98	63.2	46.8	87.0

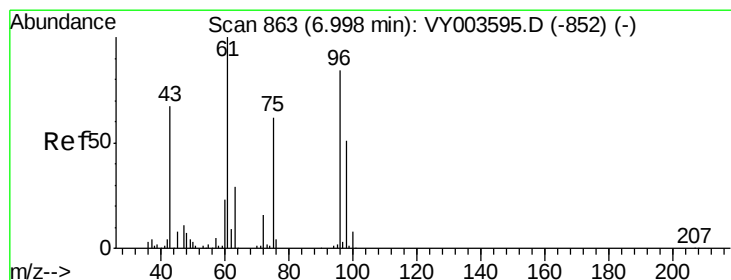
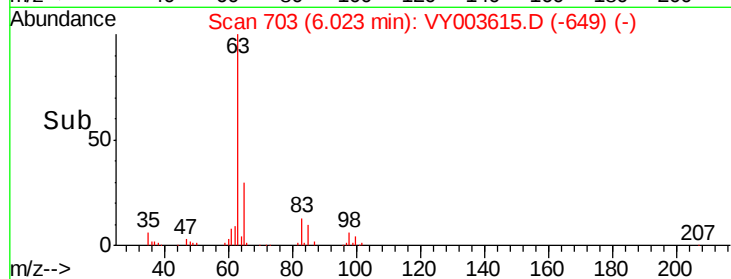
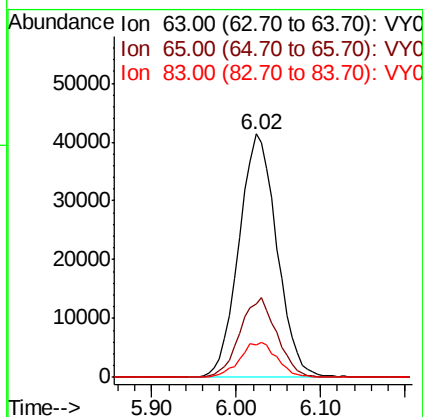
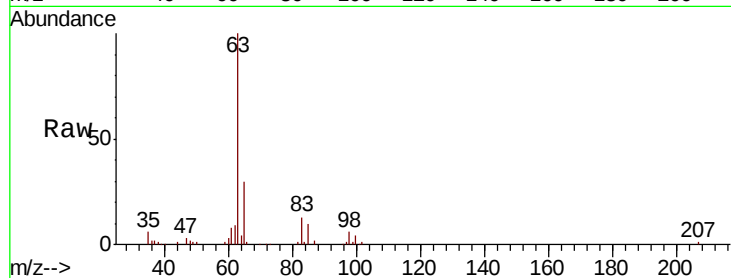




#19
 1,1-Dichloroethane
 Concen: 27.345 ug/L
 RT: 6.02 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: VY003615.D
 Acq: 24 Nov 2020 18:49

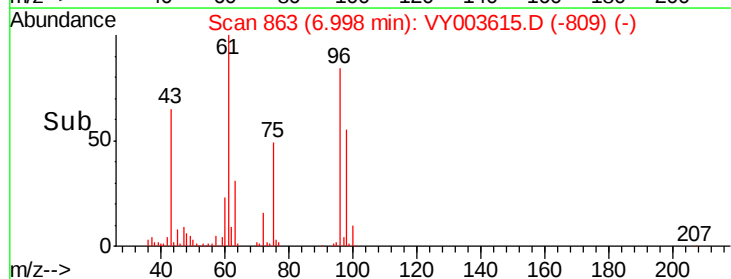
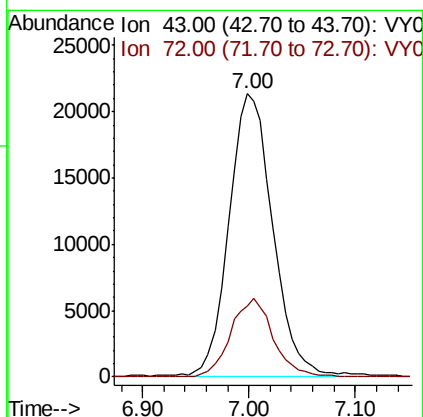
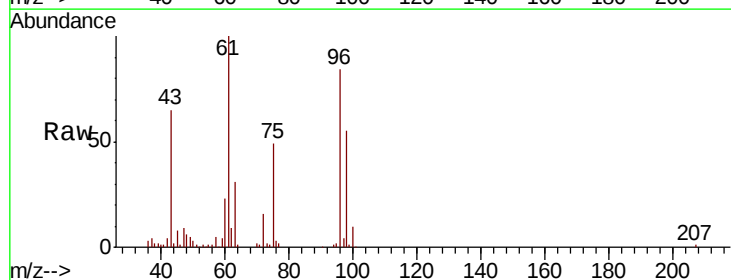
Instrument :
 MSVOA_Y
 ClientSampled :

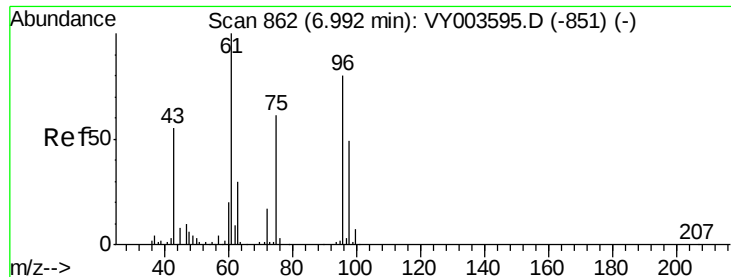
Tot Ion: 63 Resp: 126344
 Ion Ratio Lower Upper
 63 100
 65 30.3 22.0 40.8
 83 13.5 9.9 18.5



#21
 2-Butanone
 Concen: 48.567 ug/L
 RT: 7.00 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VY003615.D
 Acq: 24 Nov 2020 18:49

Tgt Ion: 43 Resp: 61165
 Ion Ratio Lower Upper
 43 100
 72 27.0 13.2 39.6



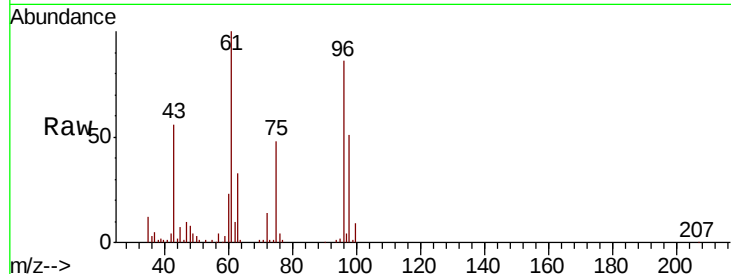


#22

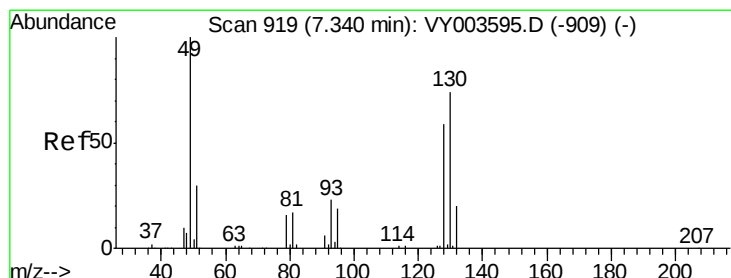
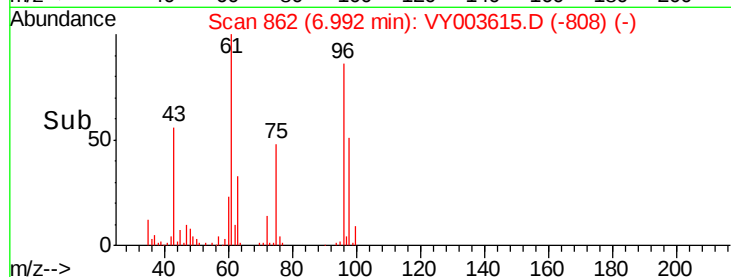
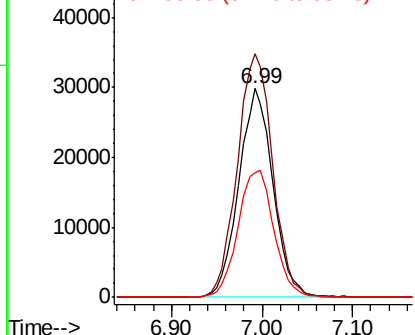
cis-1,2-Dichloroethene
Concen: 27.736 ug/L
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 77938
Ion Ratio Lower Upper
96 100
61 116.6 88.1 163.5
98 59.8 45.6 84.6



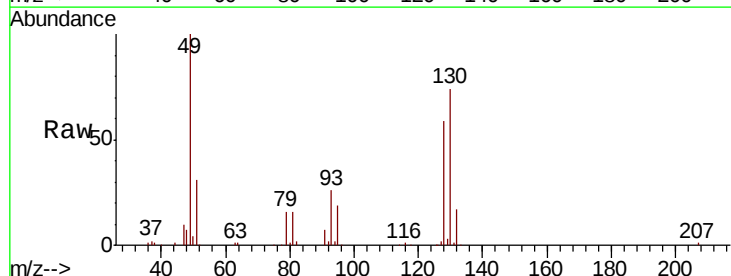
Abundance Ion 96.00 (95.70 to 96.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 98.00 (97.70 to 98.70): VY0



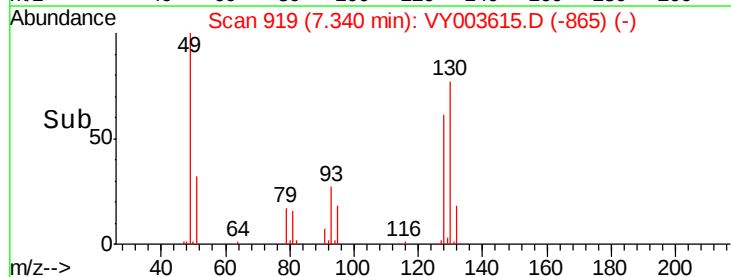
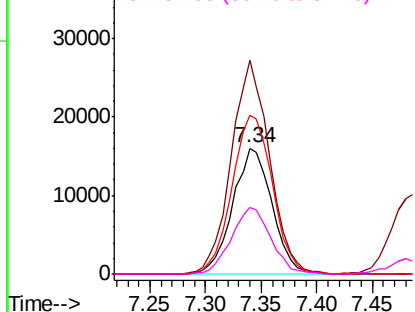
#23

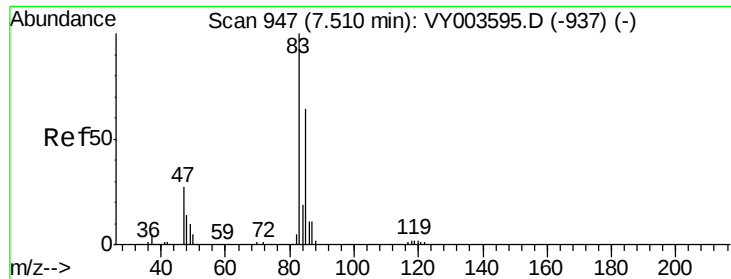
Bromochloromethane
Concen: 28.817 ug/L
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

Tgt Ion: 128 Resp: 39211
Ion Ratio Lower Upper
128 100
49 169.5 107.3 199.3
130 125.5 89.3 165.9
51 53.1 38.8 58.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VY0
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VY0

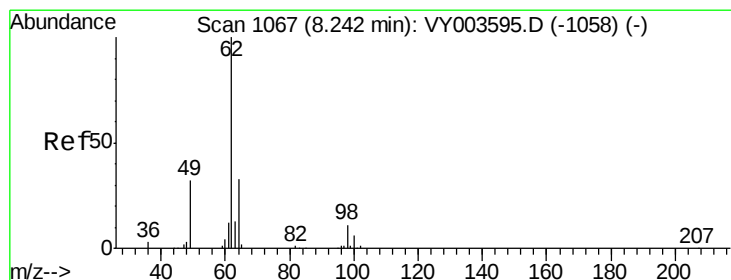
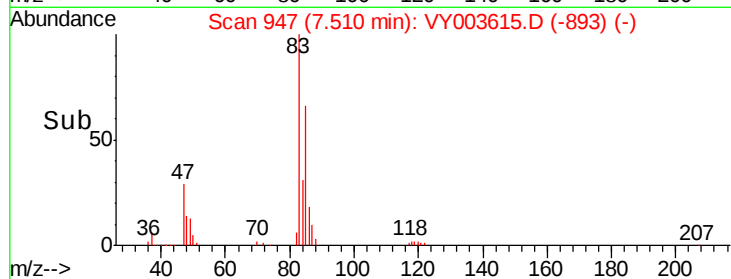
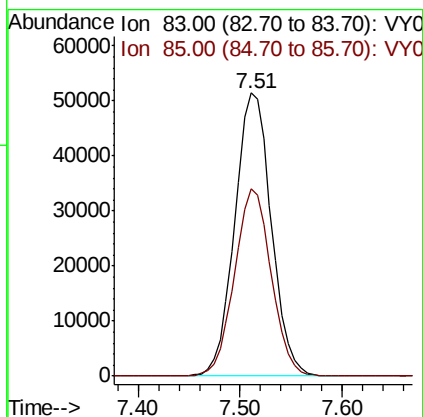
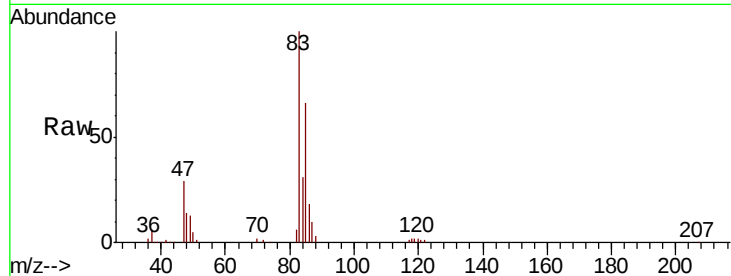




#25
Chloroform
Concen: 27.840 ug/L
RT: 7.51 min Scan# 947
Delta R.T. -0.00 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

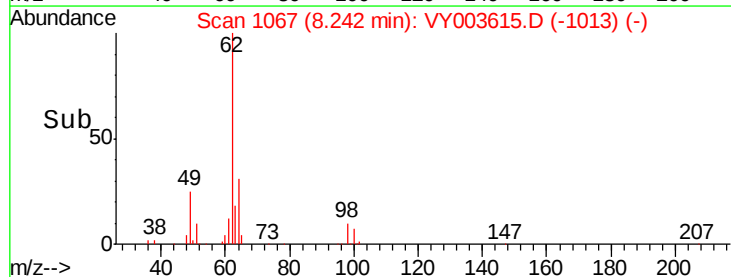
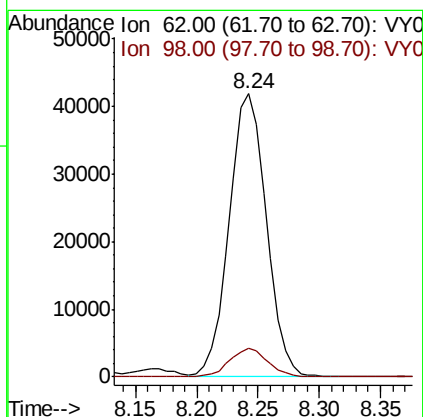
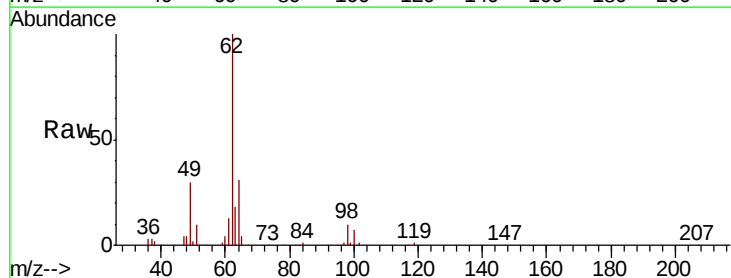
Instrument :
MSVOA_Y
ClientSampleId :

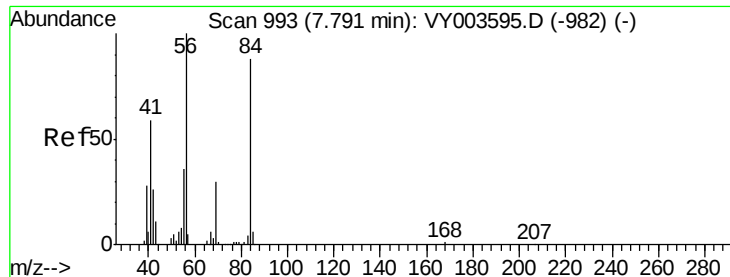
Tot Ion: 83 Resp: 127909
Ion Ratio Lower Upper
83 100
85 66.5 46.2 85.8



#27
1,2-Dichloroethane
Concen: 28.474 ug/L
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

Tgt Ion: 62 Resp: 88374
Ion Ratio Lower Upper
62 100
98 10.2 7.7 11.5

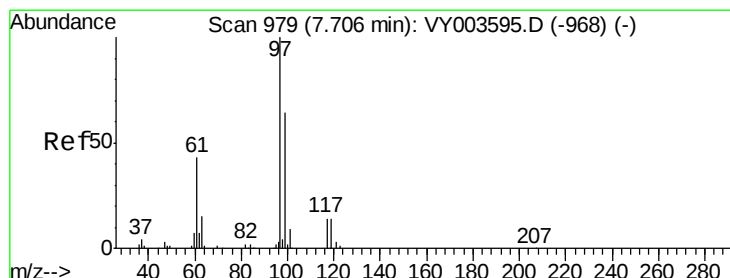
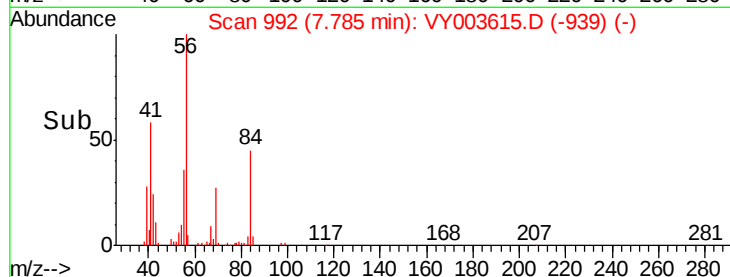
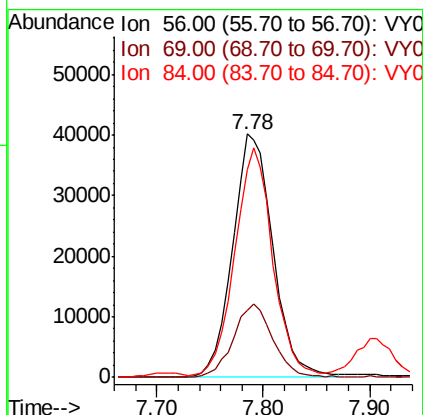
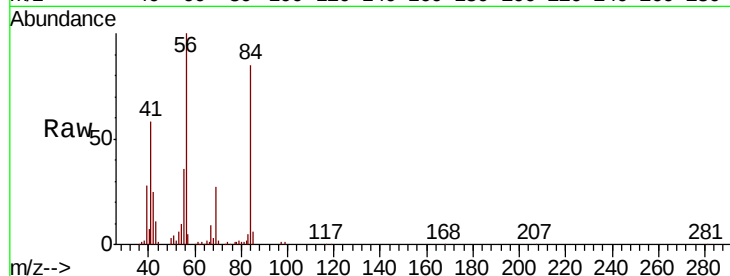




#30
Cyclohexane
Concen: 25.246 ug/L
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

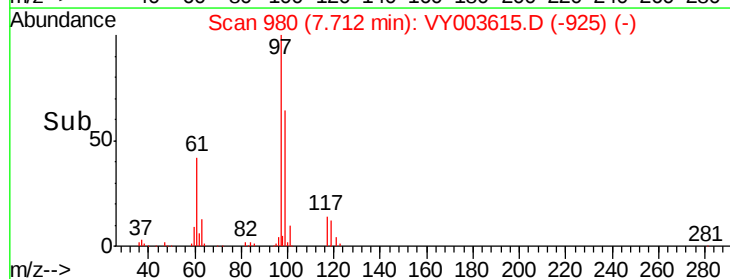
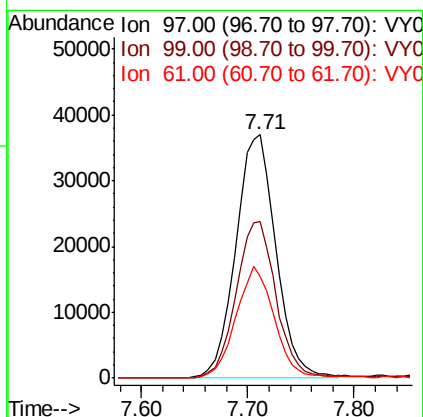
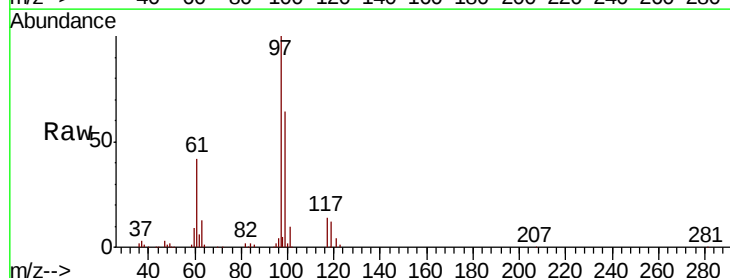
Instrument :
MSVOA_Y
ClientSampleId :

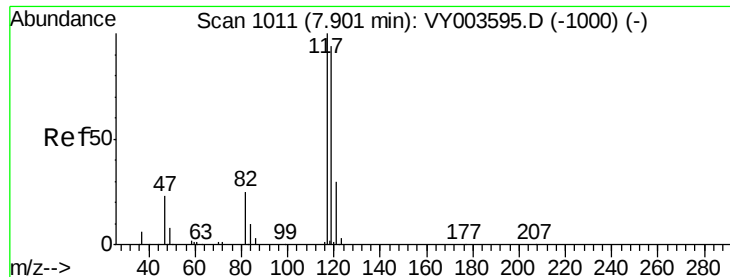
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.3	34.9
84	89.2	69.9	104.9



#31
1,1,1-Trichloroethane
Concen: 25.926 ug/L
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.1	78.1
61	43.6	34.9	52.3





#32

Carbon tetrachloride

Concen: 25.762 ug/L

RT: 7.91 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

Instrument :

MSVOA_Y

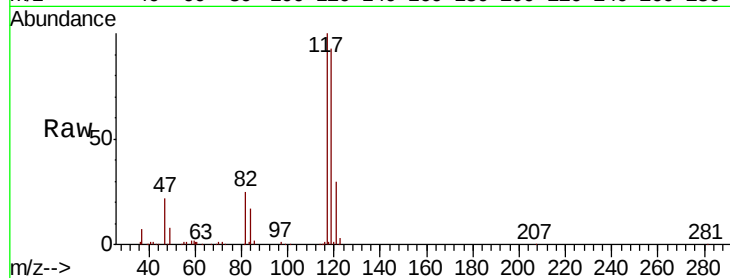
ClientSampleId :

Tot Ion:117 Resp: 92387

Ion Ratio Lower Upper

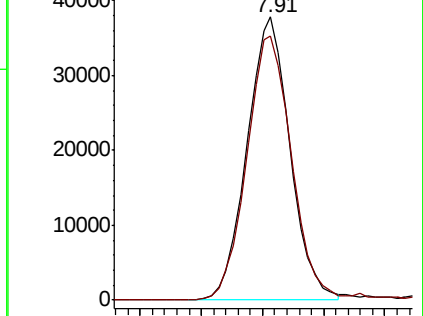
117 100

119 96.7 76.2 114.4

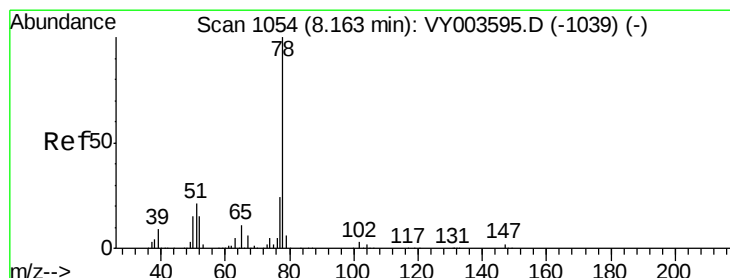
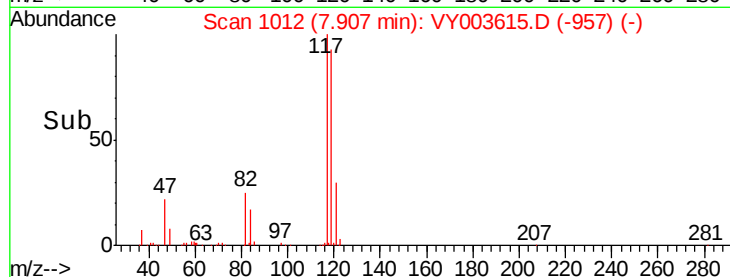


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



Time-->



#34

Benzene

Concen: 27.299 ug/L

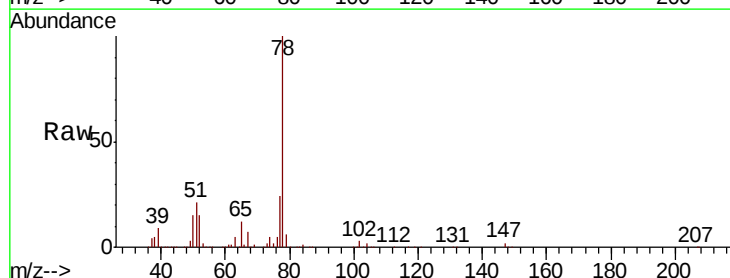
RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

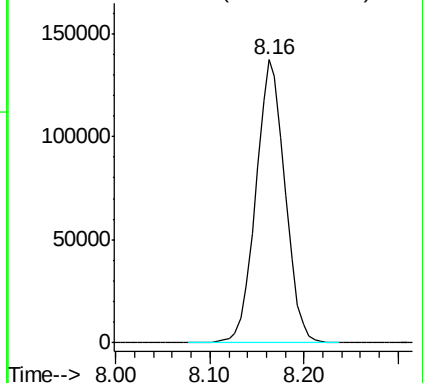
Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

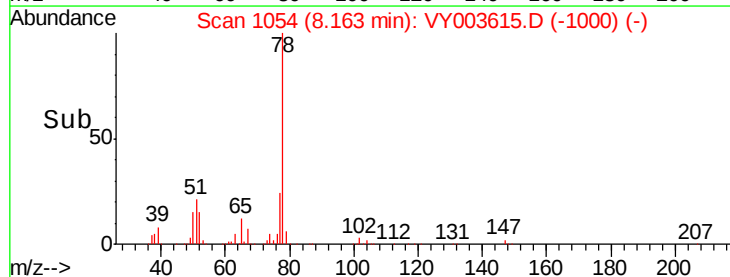
Tgt Ion: 78 Resp: 298664

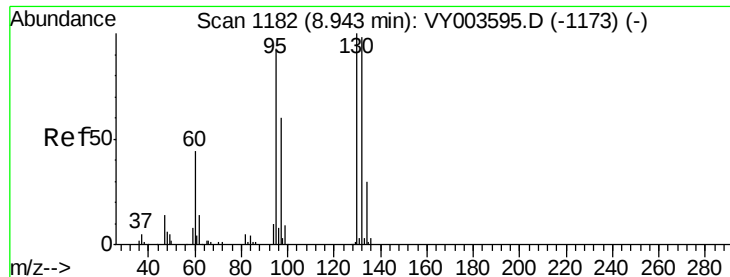


Abundance Ion 78.00 (77.70 to 78.70): VY0



Time-->

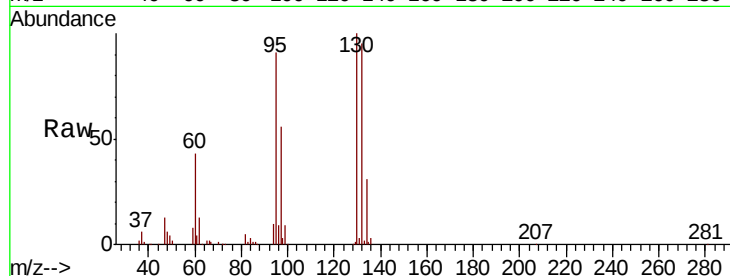




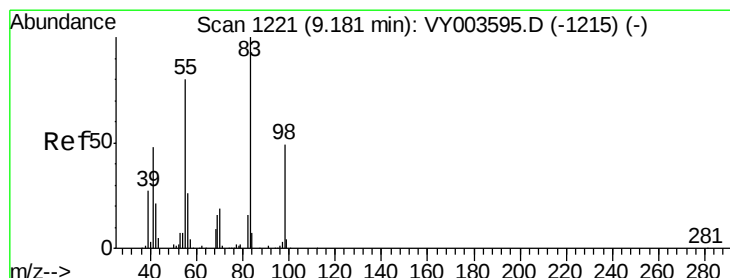
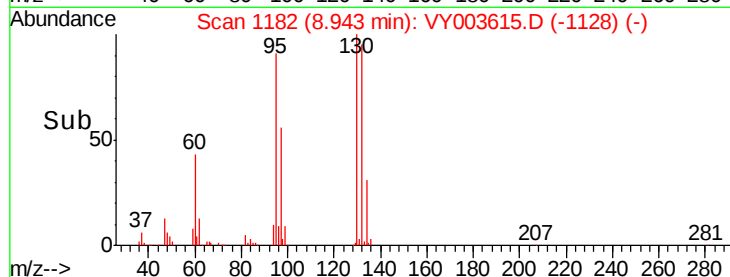
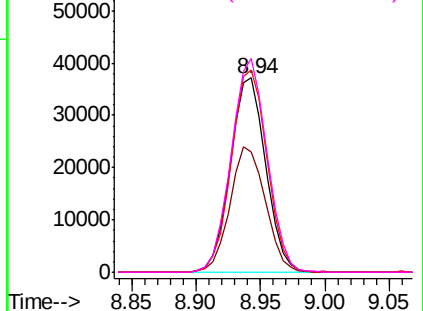
#35
 Trichloroethene
 Concen: 25.738 ug/L
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003615.D
 Acq: 24 Nov 2020 18:49

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 95 Resp: 71306
 Ion Ratio Lower Upper
 95 100
 97 64.7 44.5 82.7
 132 104.7 73.1 135.7
 130 110.8 76.1 141.3

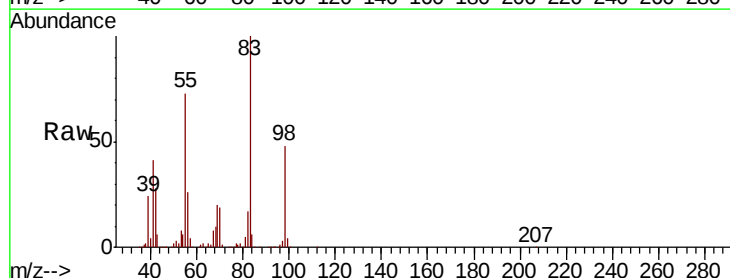


Abundance Ion 95.00 (94.70 to 95.70): VY0
 Ion 97.00 (96.70 to 97.70): VY0
 Ion 132.00 (131.70 to 132.70): VY0
 Ion 130.00 (129.70 to 130.70): VY0

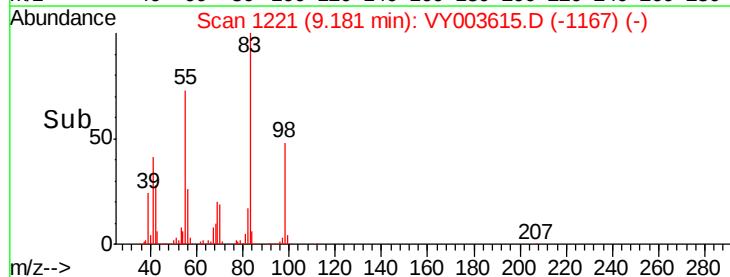
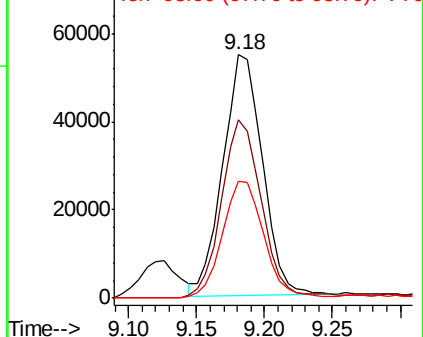


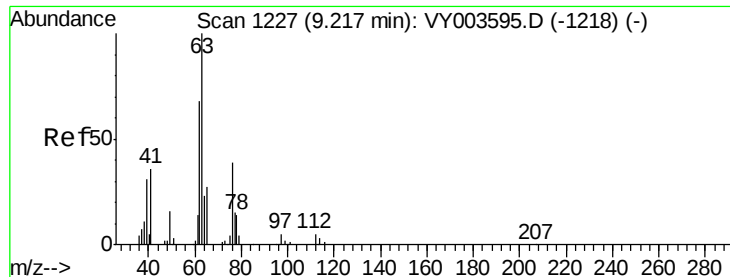
#36
 Methylcyclohexane
 Concen: 25.603 ug/L
 RT: 9.18 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: VY003615.D
 Acq: 24 Nov 2020 18:49

Tgt Ion: 83 Resp: 110888
 Ion Ratio Lower Upper
 83 100
 55 74.5 60.8 91.2
 98 50.1 40.6 61.0



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

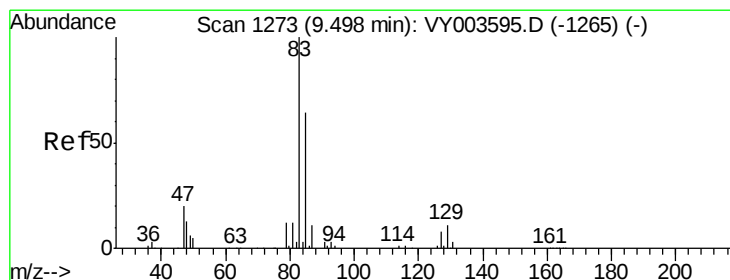
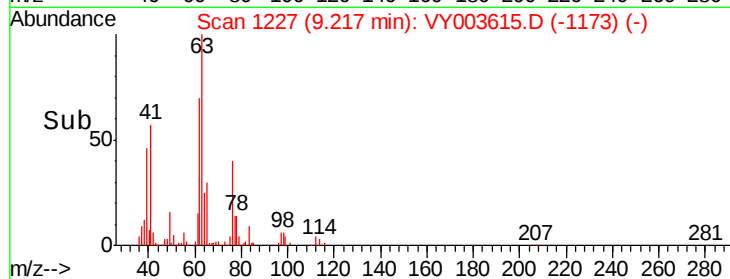
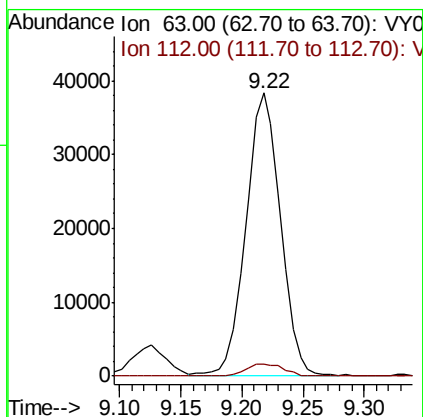
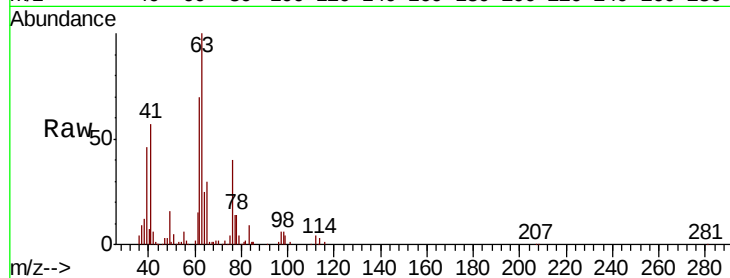




#40
 1,2-Dichloropropane
 Concen: 27.988 ug/L
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003615.D
 Acq: 24 Nov 2020 18:49

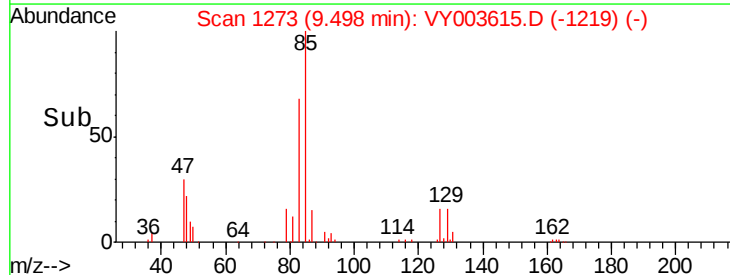
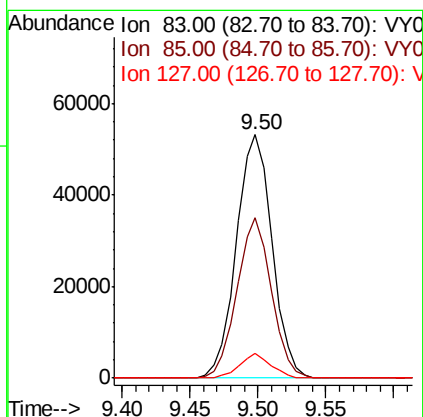
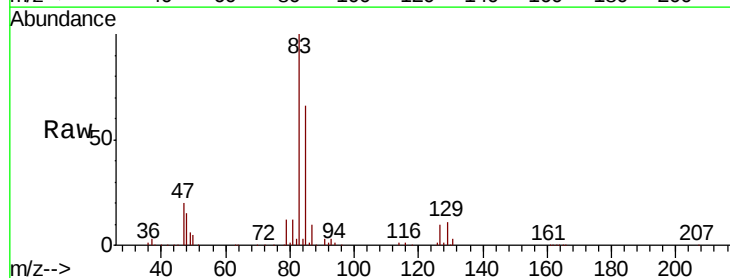
Instrument :
 MSVOA_Y
 ClientSampleId :

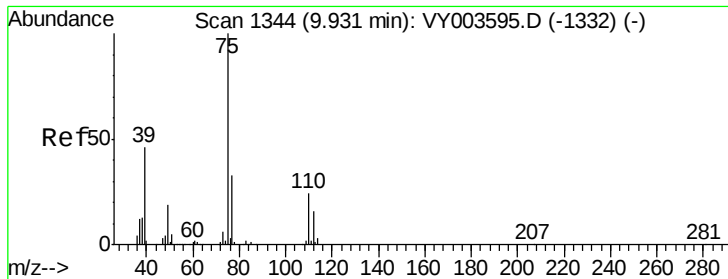
Tot Ion: 63 Resp: 75496
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.5 5.3



#41
 Bromodichloromethane
 Concen: 28.366 ug/L
 RT: 9.50 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VY003615.D
 Acq: 24 Nov 2020 18:49

Tgt Ion: 83 Resp: 97664
 Ion Ratio Lower Upper
 83 100
 85 66.0 45.1 83.7
 127 10.3 6.8 10.2#



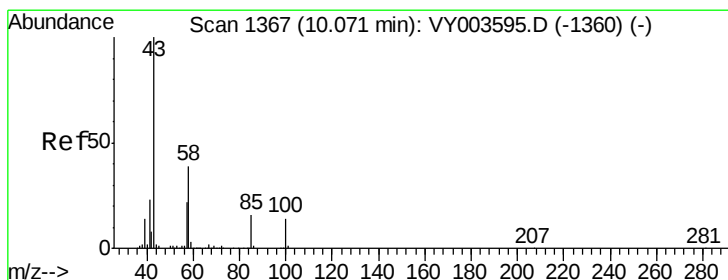
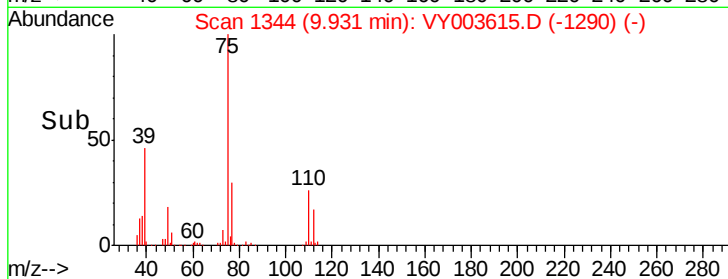
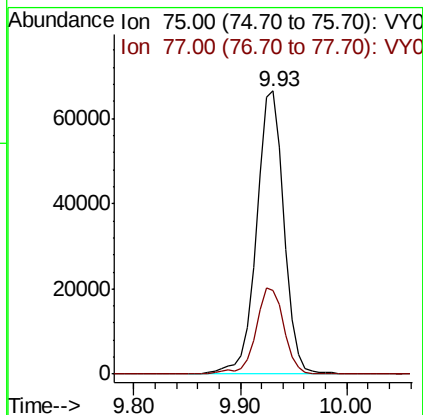
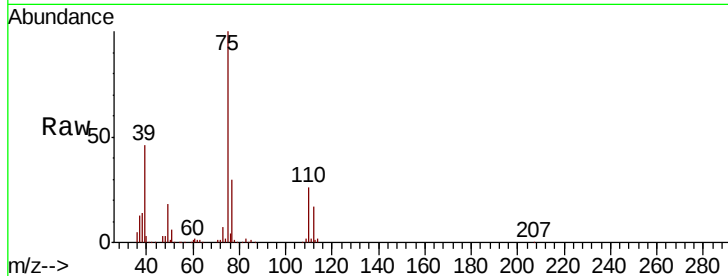


#42

cis-1,3-Dichloropropene
 Concen: 28.268 ug/L
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY003615.D
 Acq: 24 Nov 2020 18:49

Instrument :
 MSVOA_Y
 ClientSampleId :

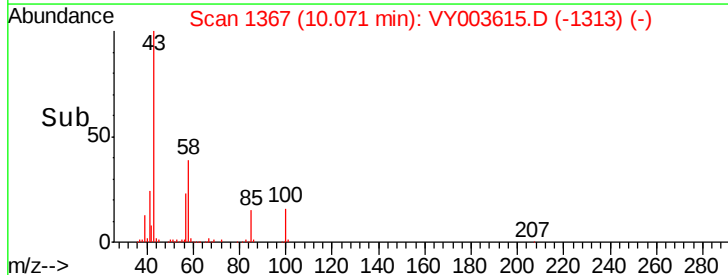
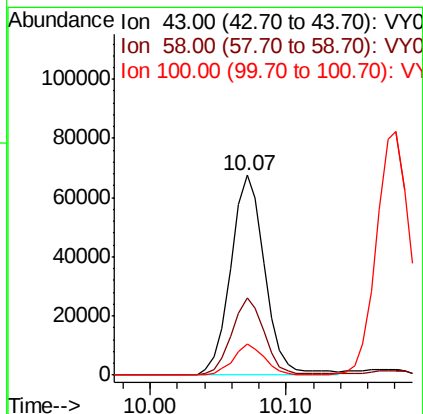
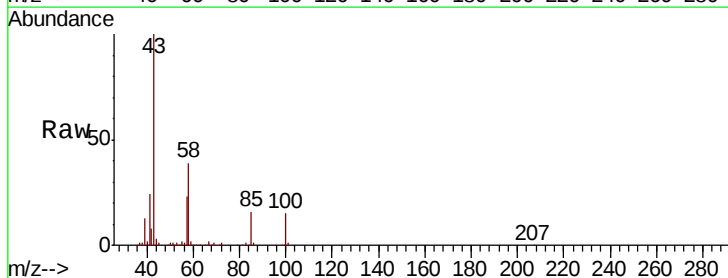
Tot Ion: 75 Resp: 120249
 Ion Ratio Lower Upper
 75 100
 77 29.7 23.2 43.0

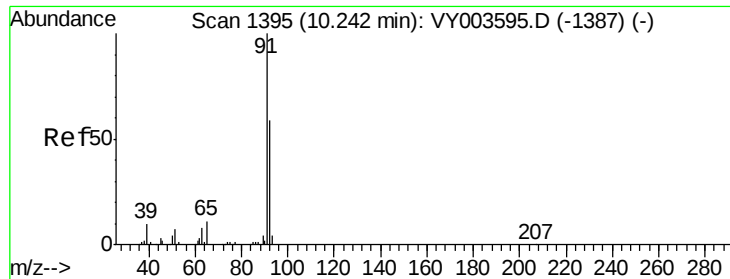


#43

4-Methyl-2-pentanone
 Concen: 52.204 ug/L
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VY003615.D
 Acq: 24 Nov 2020 18:49

Tgt Ion: 43 Resp: 117828
 Ion Ratio Lower Upper
 43 100
 58 37.3 30.2 45.2
 100 14.3 11.7 17.5





#44

Toluene

Concen: 27.299 ug/L

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

Instrument :

MSVOA_Y

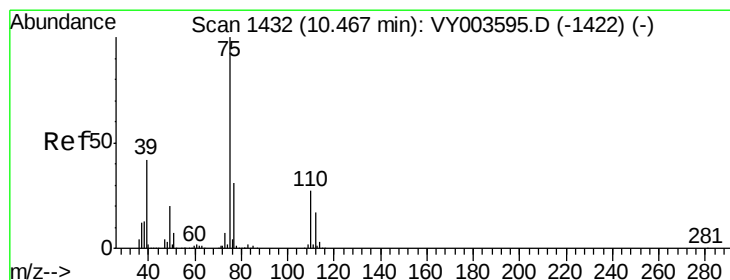
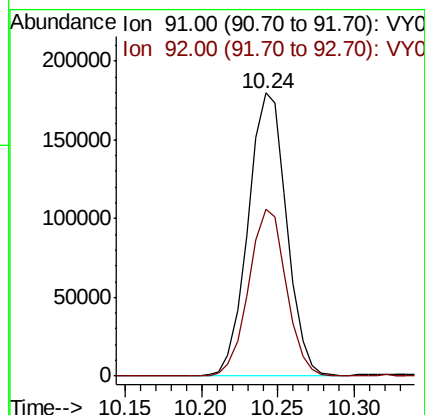
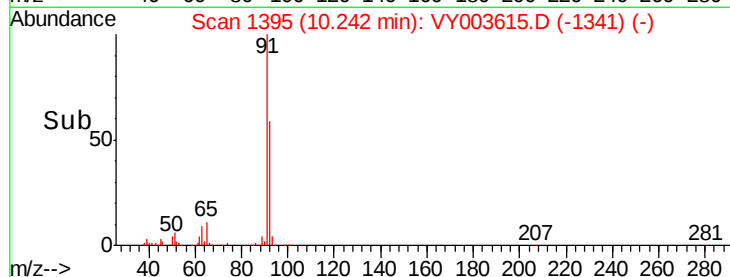
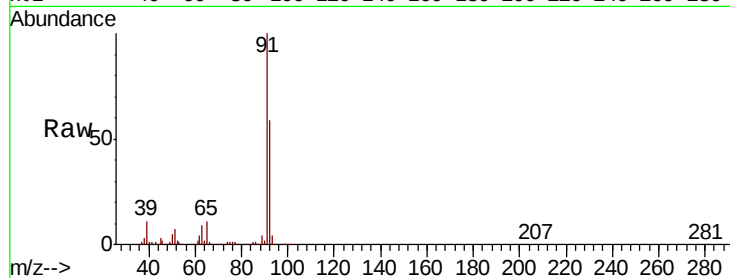
ClientSampleId :

Tot Ion: 91 Resp: 314784

Ion Ratio Lower Upper

91 100

92 59.2 41.0 76.2



#45

trans-1,3-Dichloropropene

Concen: 28.502 ug/L

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003615.D

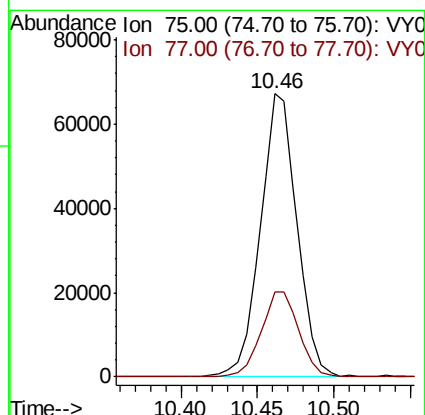
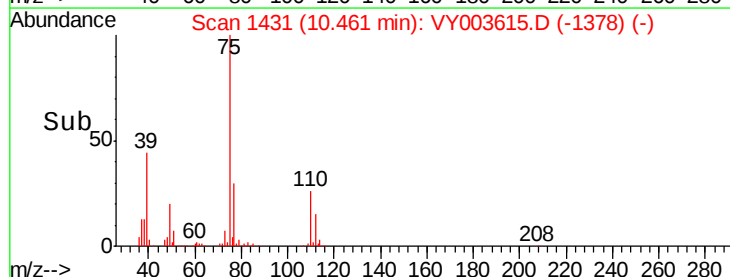
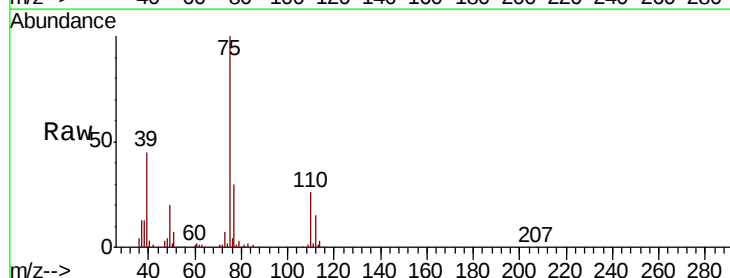
Acq: 24 Nov 2020 18:49

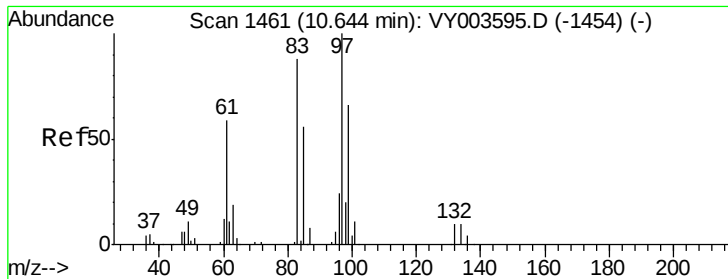
Tgt Ion: 75 Resp: 111675

Ion Ratio Lower Upper

75 100

77 30.0 22.1 41.1

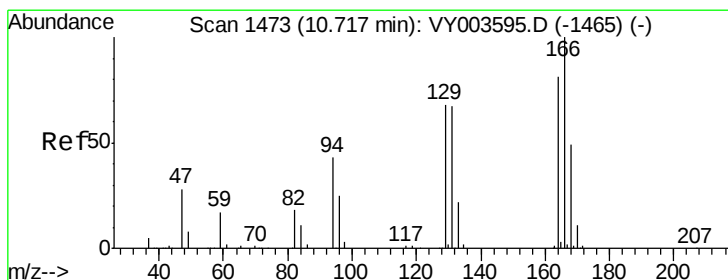
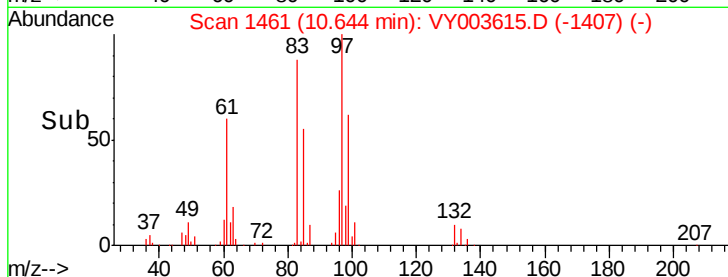
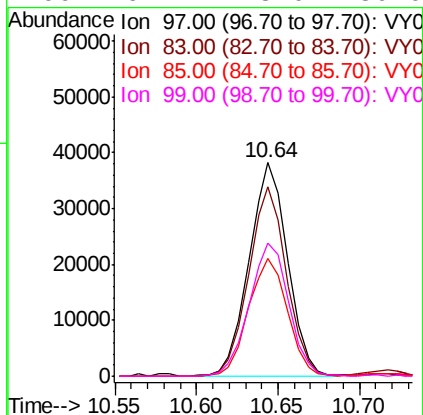
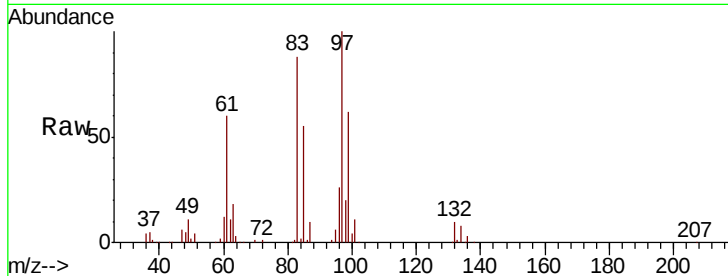




#46
1,1,2-Trichloroethane
Concen: 29.089 ug/L
RT: 10.64 min Scan# 1461
Delta R.T. -0.00 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

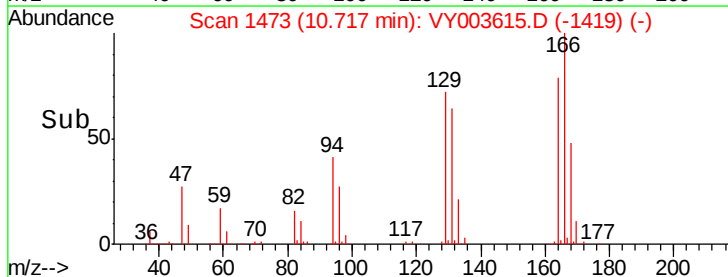
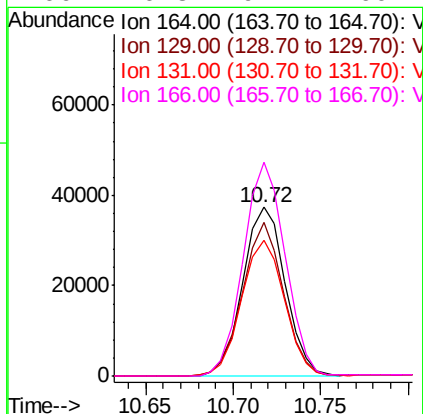
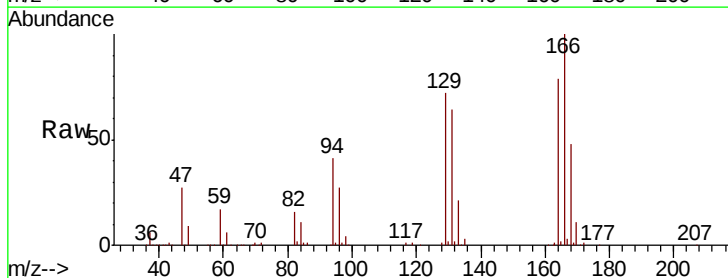
Instrument :
MSVOA_Y
ClientSampled :

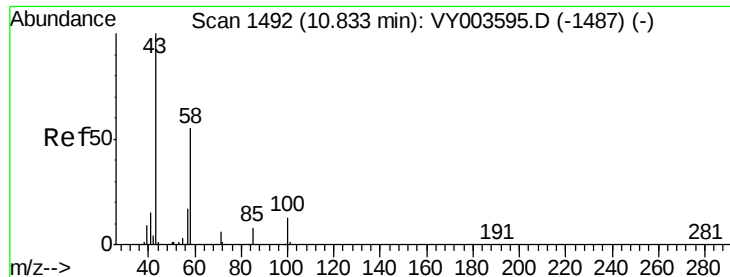
Tot Ion: 97 Resp: 62693
Ion Ratio Lower Upper
97 100
83 88.4 60.1 111.5
85 55.2 38.9 72.2
99 62.4 43.0 80.0



#47
Tetrachloroethene
Concen: 26.230 ug/L
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

Tgt Ion: 164 Resp: 63175
Ion Ratio Lower Upper
164 100
129 91.1 60.6 112.6
131 80.9 58.7 109.1
166 126.8 91.2 169.4

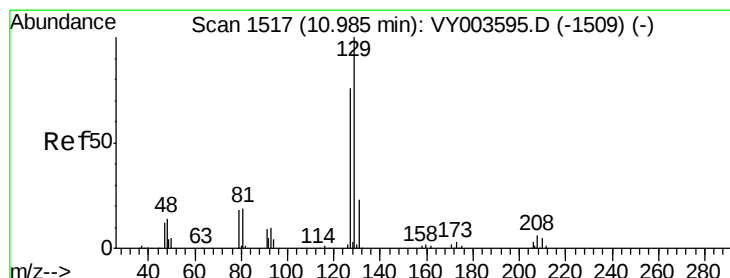
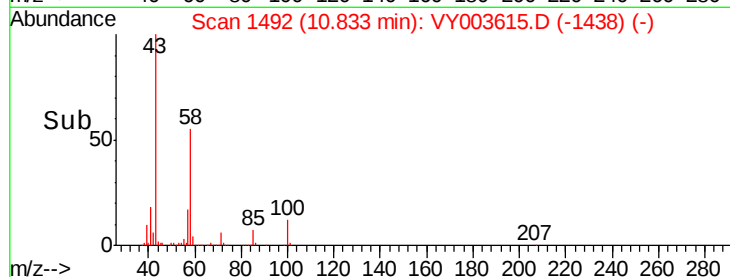
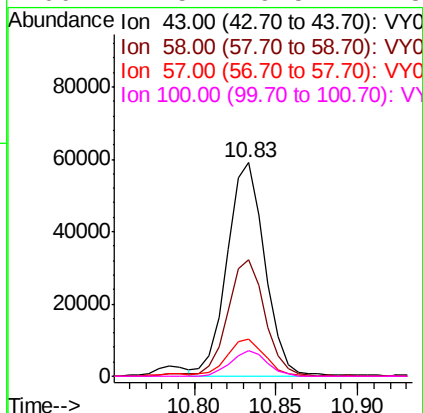
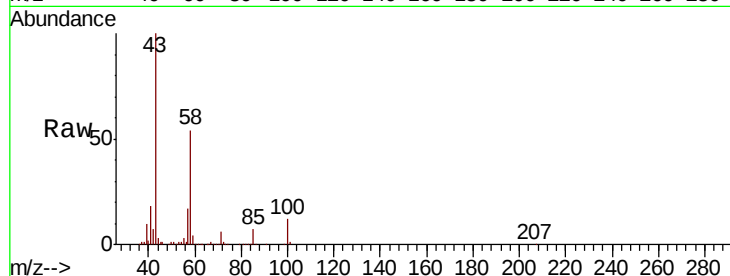




#49
2-Hexanone
Concen: 53.451 ug/L
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

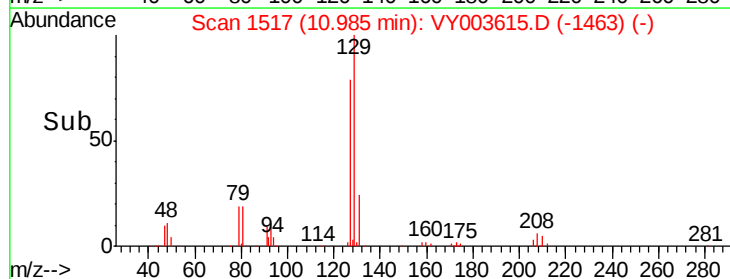
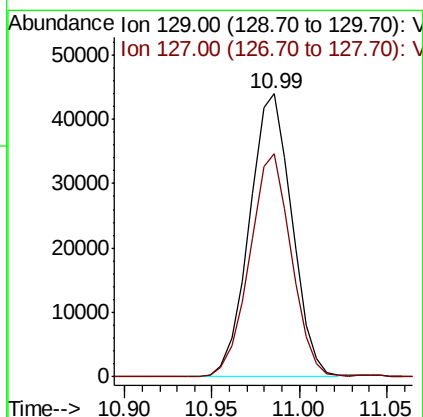
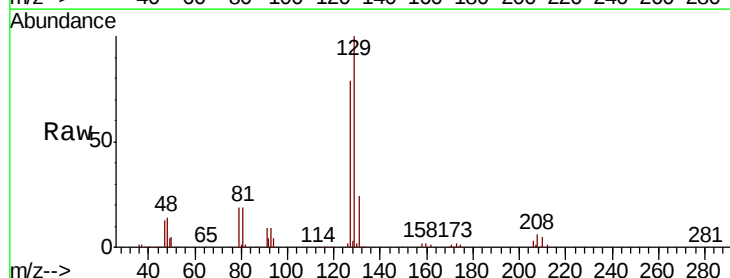
Instrument :
MSVOA_Y
ClientSampleId :

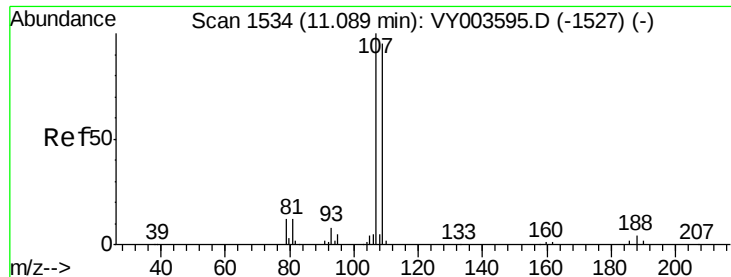
Tot Ion: 43 Resp: 95293
Ion Ratio Lower Upper
43 100
58 53.4 42.1 63.1
57 17.5 14.2 21.2
100 11.5 9.5 14.3



#50
Dibromochloromethane
Concen: 28.526 ug/L
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

Tgt Ion: 129 Resp: 74131
Ion Ratio Lower Upper
129 100
127 79.1 56.6 105.0

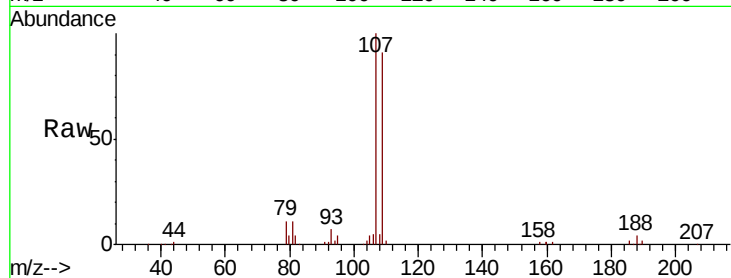




#51
1,2-Dibromoethane
Concen: 29.023 ug/L
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.1	66.8	124.2
188	4.0	3.3	4.9

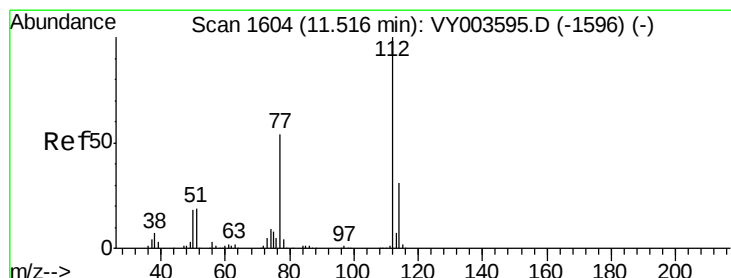
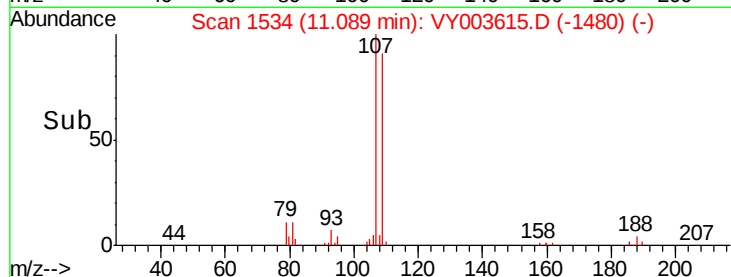
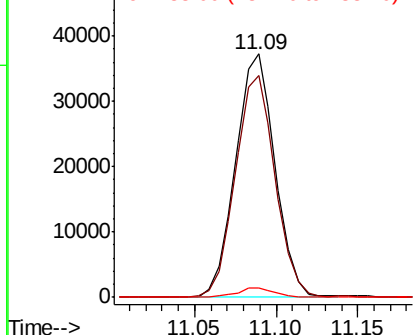


Abundance

Ion 107.00 (106.70 to 107.70): V

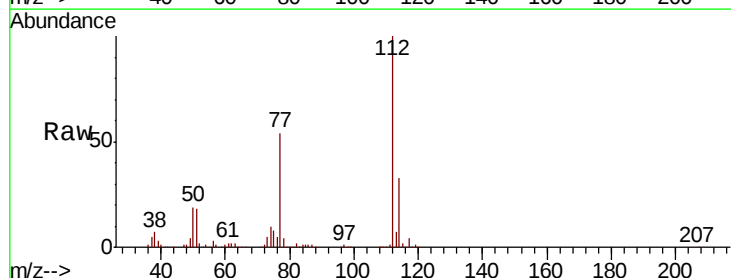
Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#52
Chlorobenzene
Concen: 27.376 ug/L
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003615.D
Acq: 24 Nov 2020 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
77	54.4	43.3	64.9
114	33.4	21.9	40.7

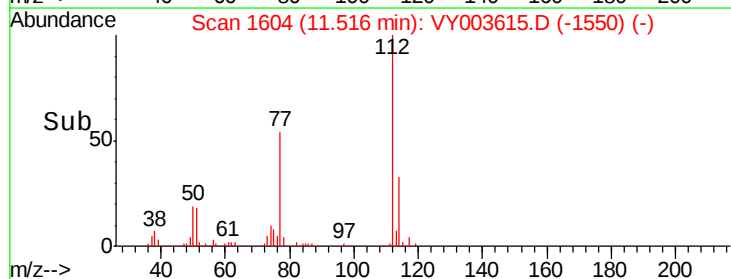
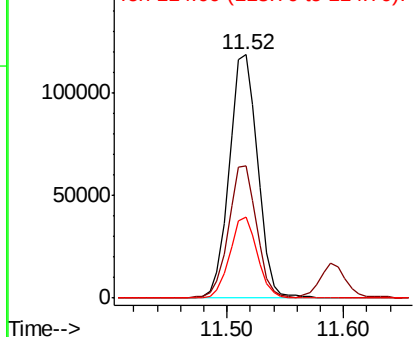


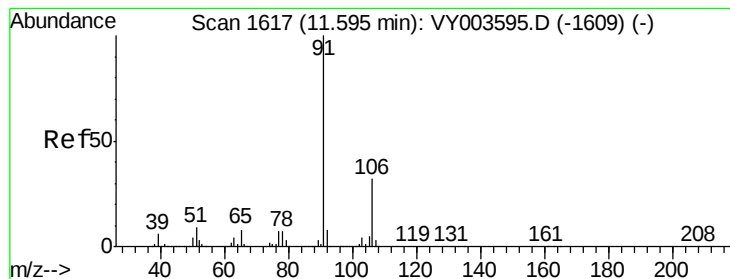
Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 114.00 (113.70 to 114.70): V





#53

Ethylbenzene

Concen: 26.283 ug/L

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

Instrument :

MSVOA_Y

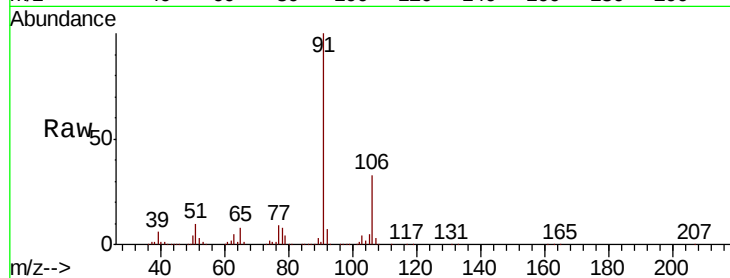
ClientSampleId :

Tot Ion: 91 Resp: 311325

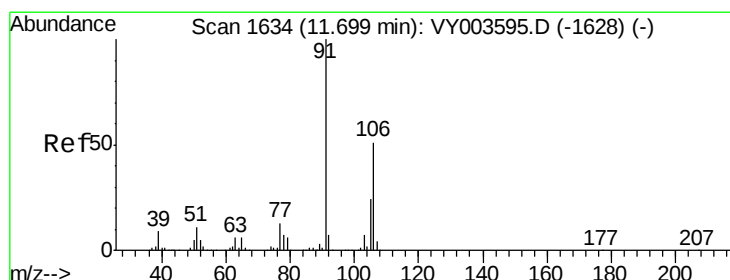
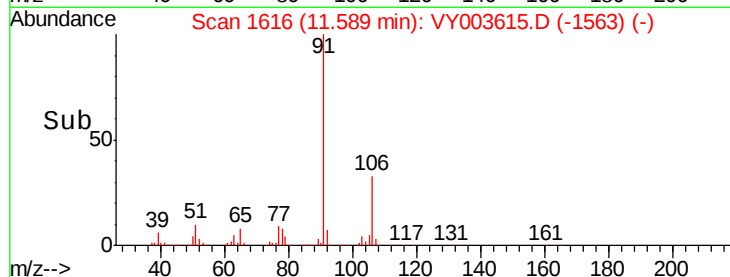
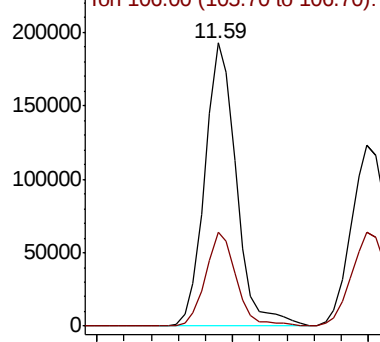
Ion Ratio Lower Upper

91 100

106 33.2 22.5 41.7



Abundance Ion 91.00 (90.70 to 91.70): VY003595.D (-1609) (-)



#54

m,p-Xylene

Concen: 26.674 ug/L

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003615.D

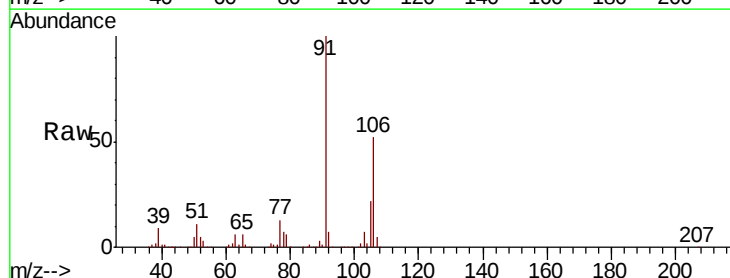
Acq: 24 Nov 2020 18:49

Tgt Ion: 106 Resp: 121619

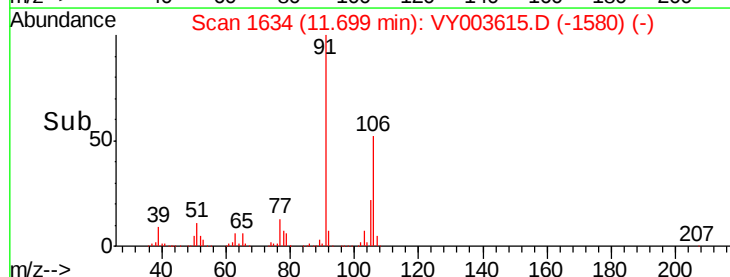
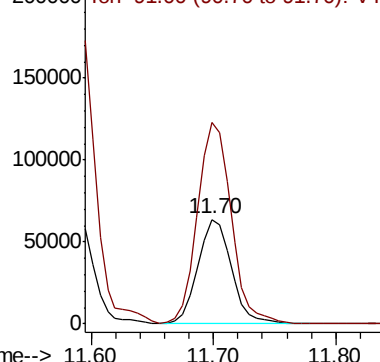
Ion Ratio Lower Upper

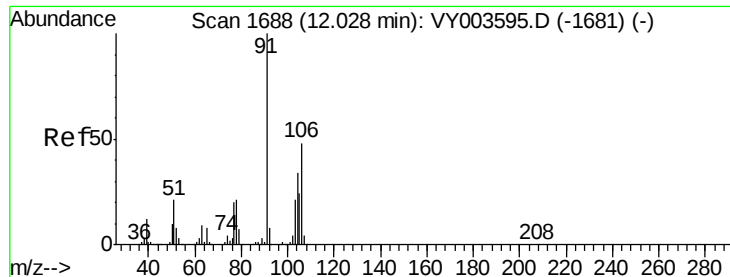
106 100

91 192.6 135.6 251.8



Abundance Ion 106.00 (105.70 to 106.70): VY003595.D (-1628) (-)





#55

o-xylene

Concen: 25.605 ug/L

RT: 12.03 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

Instrument :

MSVOA_Y

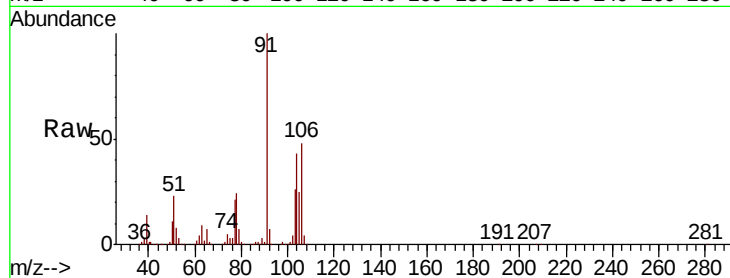
ClientSampled :

Tot Ion:106 Resp: 97456

Ion Ratio Lower Upper

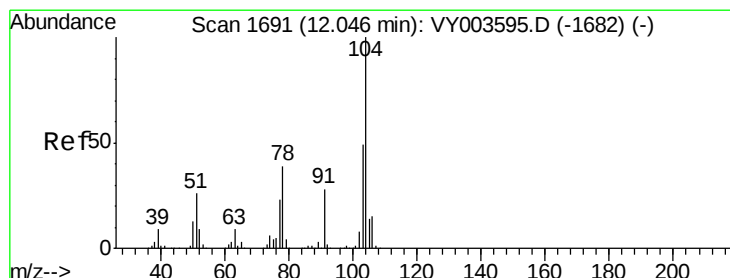
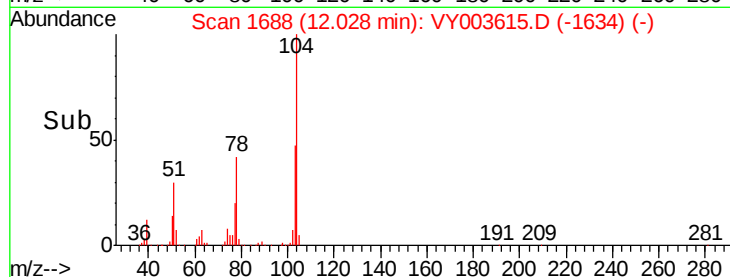
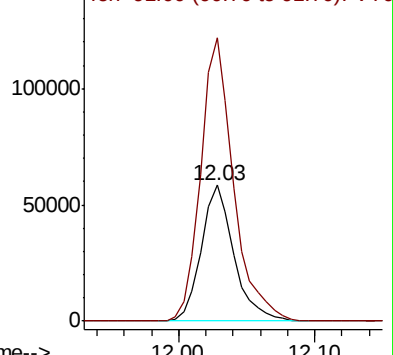
106 100

91 208.2 138.3 256.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#56

Styrene

Concen: 28.507 ug/L

RT: 12.04 min Scan# 1690

Delta R.T. -0.01 min

Lab File: VY003615.D

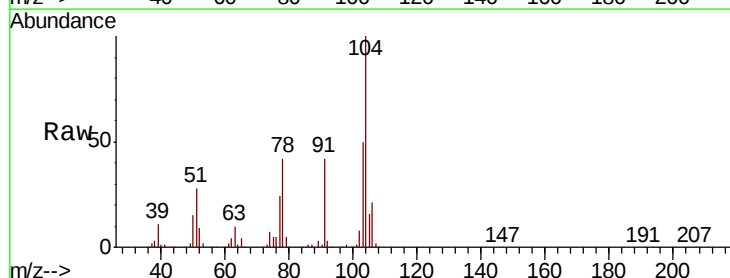
Acq: 24 Nov 2020 18:49

Tgt Ion:104 Resp: 212459

Ion Ratio Lower Upper

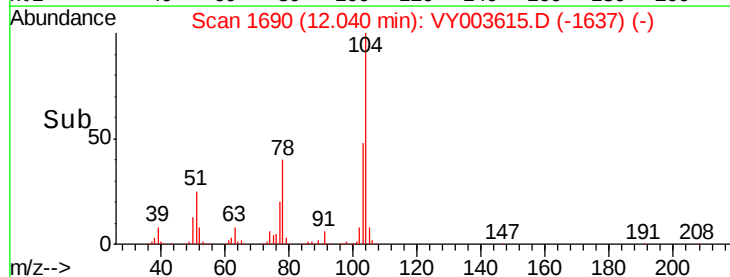
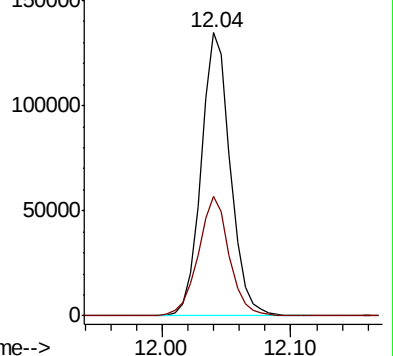
104 100

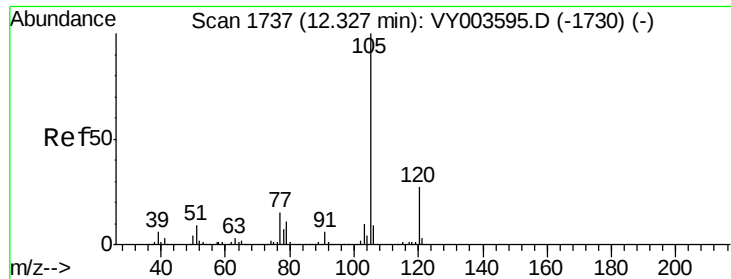
78 42.2 28.8 53.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0





#57

Isopropylbenzene

Concen: 24.108 ug/L

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

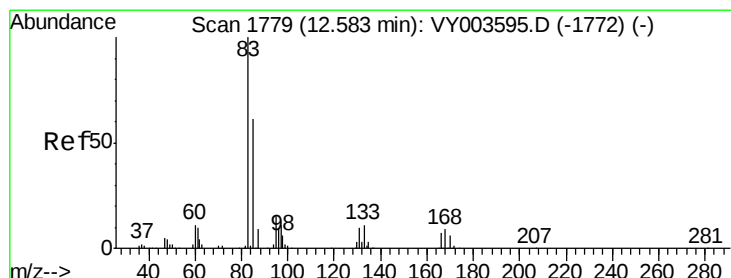
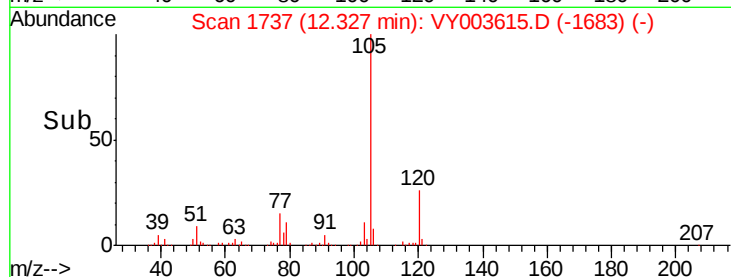
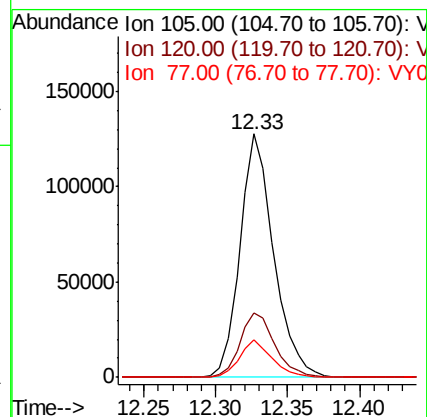
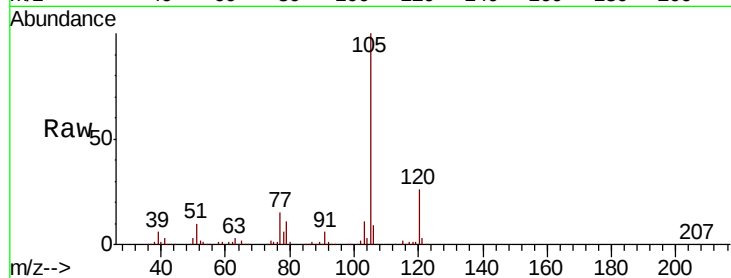
Tot Ion:105 Resp: 207673

Ion Ratio Lower Upper

105 100

120 27.4 21.7 32.5

77 14.9 12.1 18.1



#58

1,1,2,2-Tetrachloroethane

Concen: 27.568 ug/L

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

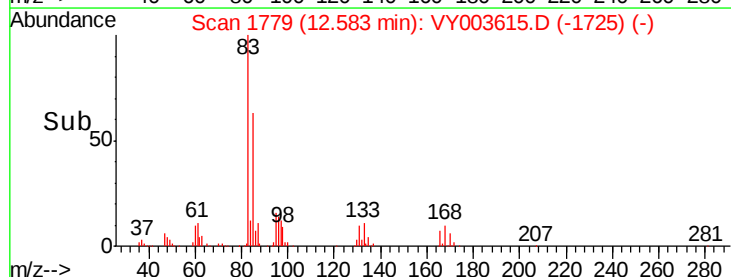
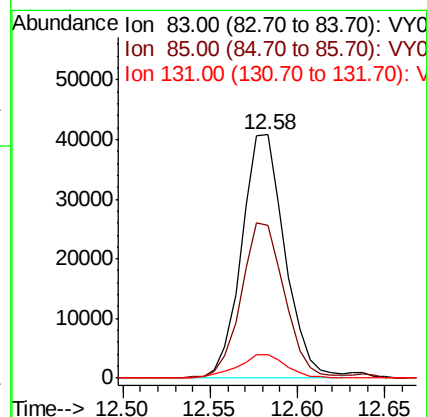
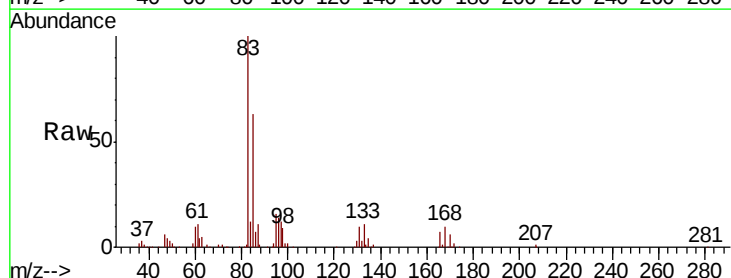
Tgt Ion: 83 Resp: 70098

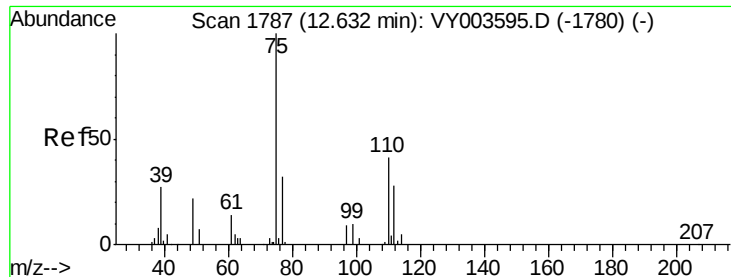
Ion Ratio Lower Upper

83 100

85 62.7 44.8 83.2

131 9.8 7.3 10.9





#59

1,2,3-Trichloropropane

Concen: 26.228 ug/L

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

Instrument :

MSVOA_Y

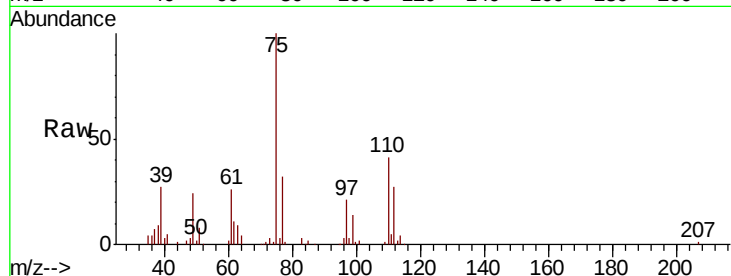
ClientSampleId :

Tot Ion: 75 Resp: 51914

Ion Ratio Lower Upper

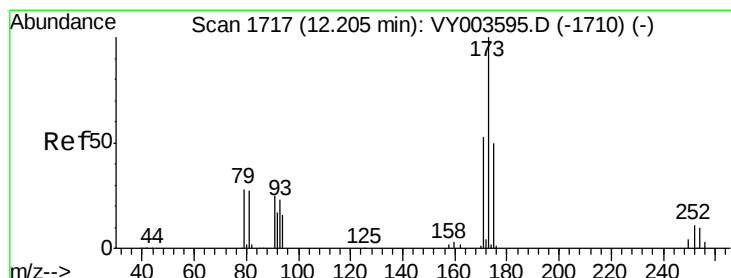
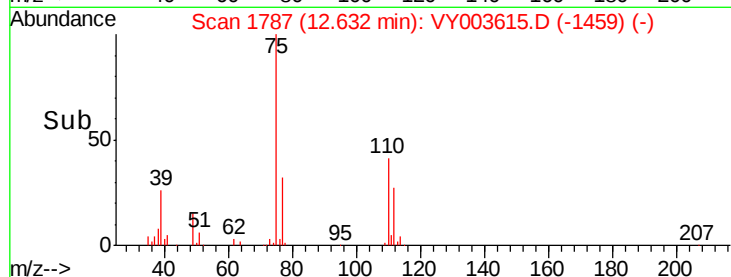
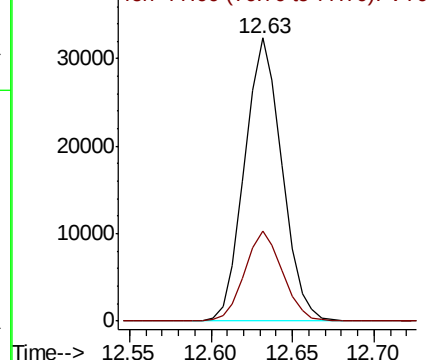
75 100

77 32.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#62

Bromoform

Concen: 27.367 ug/L

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

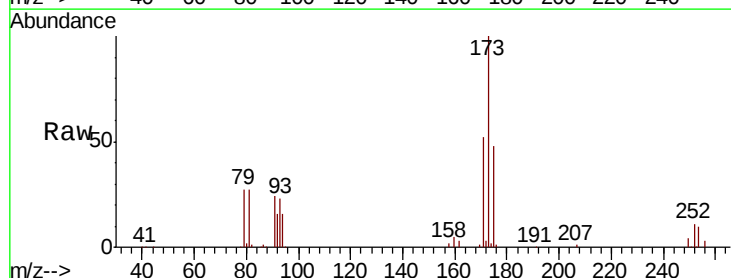
Tgt Ion: 173 Resp: 49886

Ion Ratio Lower Upper

173 100

175 48.5 39.5 59.3

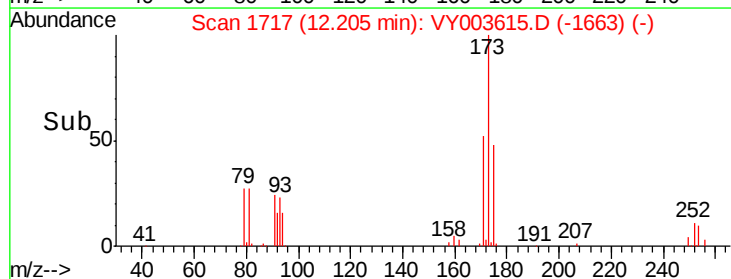
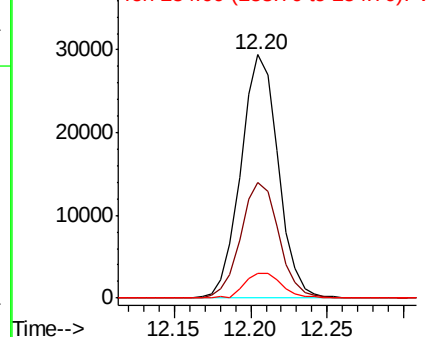
254 10.2 8.6 12.8

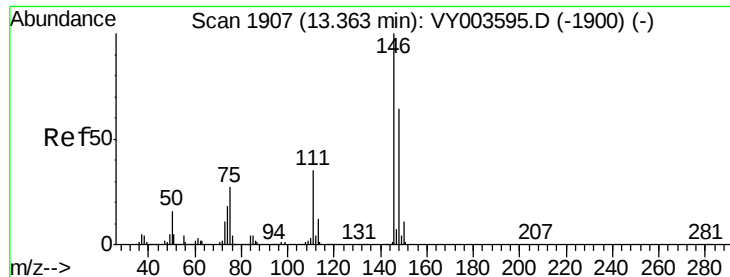


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V





#63

1,3-Dichlorobenzene

Concen: 26.152 ug/L

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

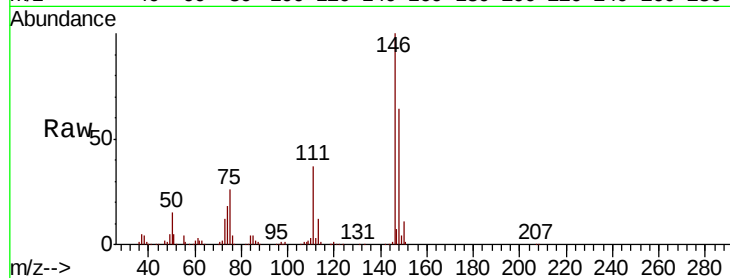
Tot Ion:146 Resp: 148217

Ion Ratio Lower Upper

146 100

111 37.5 25.1 46.5

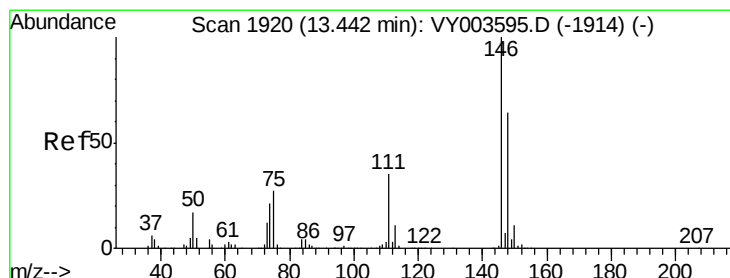
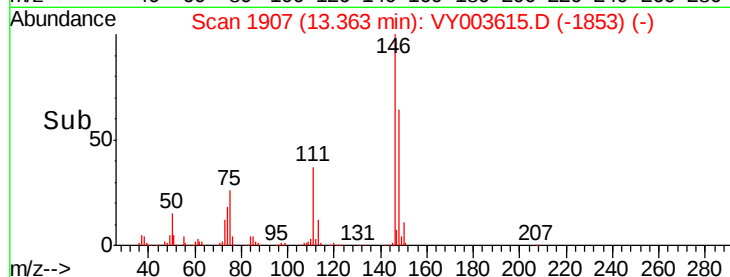
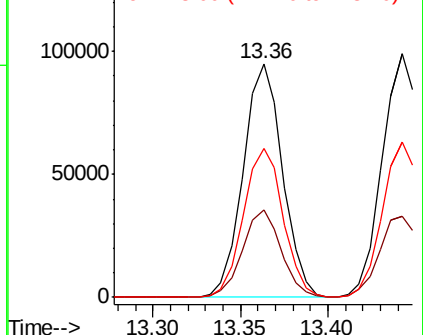
148 63.7 44.7 82.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#64

1,4-Dichlorobenzene

Concen: 26.270 ug/L

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

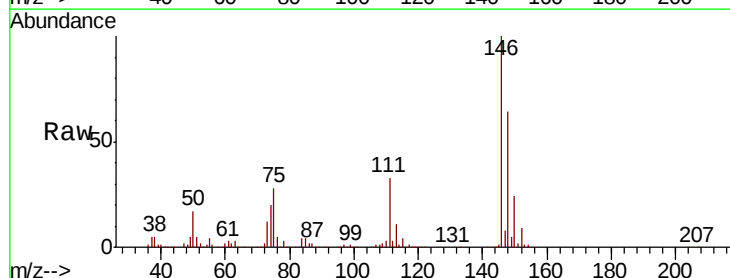
Tgt Ion:146 Resp: 153307

Ion Ratio Lower Upper

146 100

111 33.1 24.1 44.8

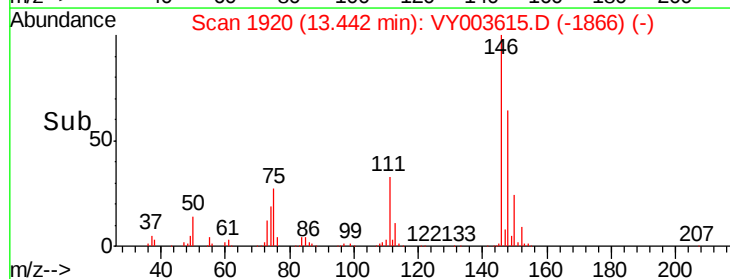
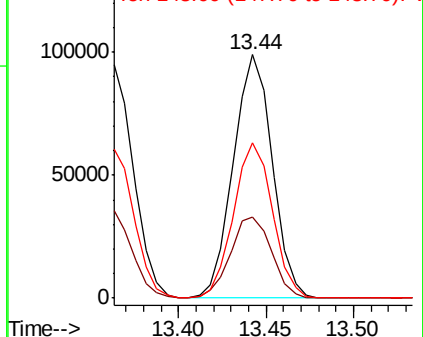
148 63.7 43.6 81.0

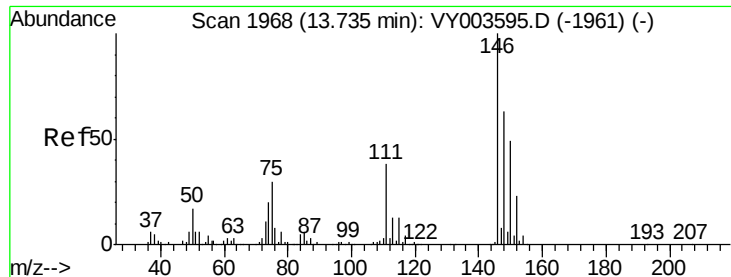


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

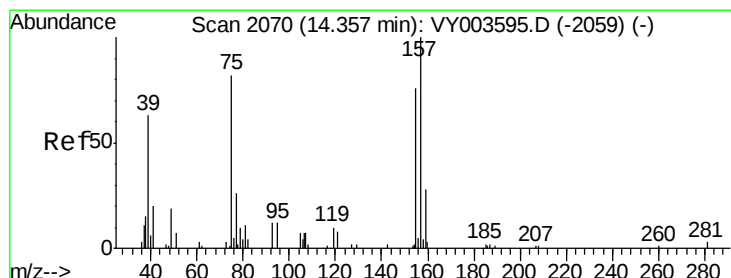
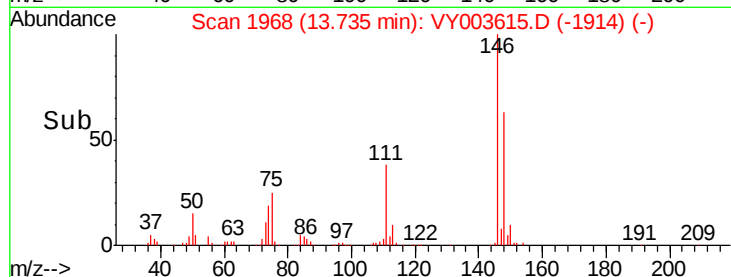
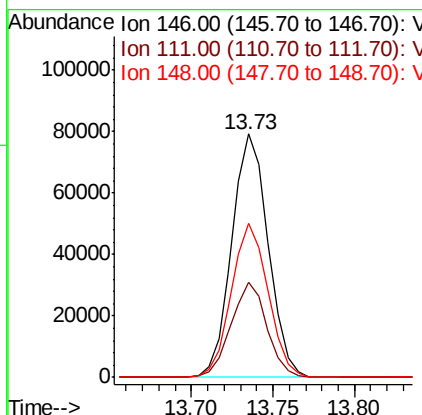
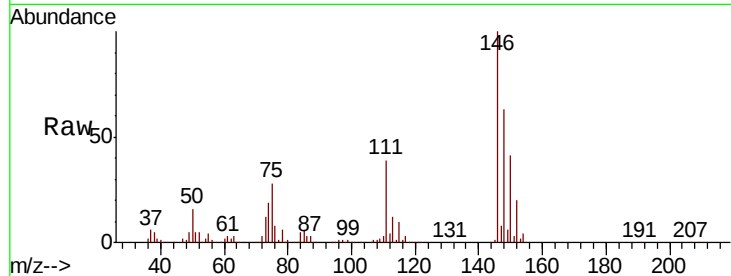




#65
 1,2-Dichlorobenzene
 Concen: 26.348 ug/L
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003615.D
 Acq: 24 Nov 2020 18:49

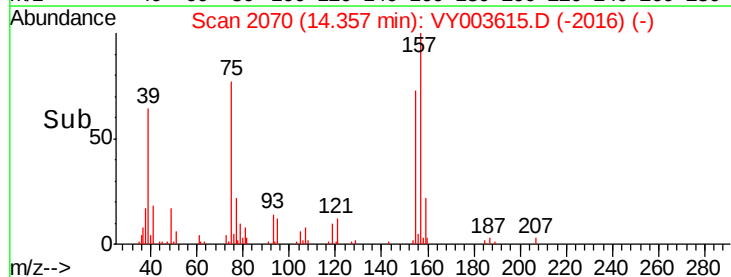
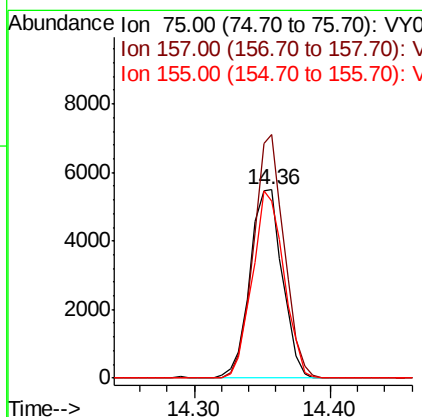
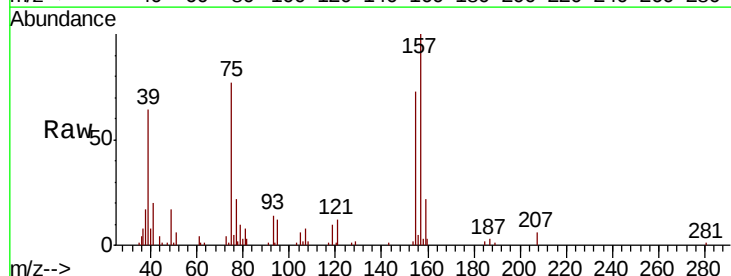
Instrument :
 MSVOA_Y
 ClientSampled :

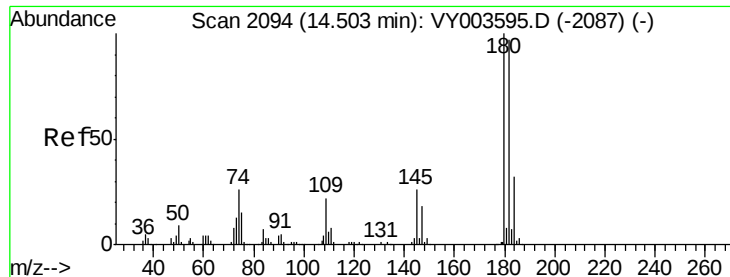
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	31.0	46.6
148	63.3	49.8	74.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 23.169 ug/L
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003615.D
 Acq: 24 Nov 2020 18:49

Tgt Ion	Ratio	Lower	Upper
75	100		
157	129.2	91.8	137.6
155	94.2	75.7	113.5

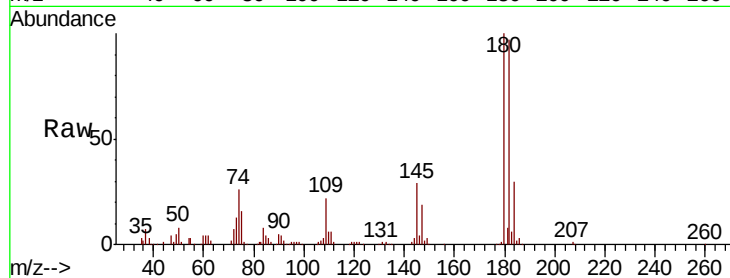




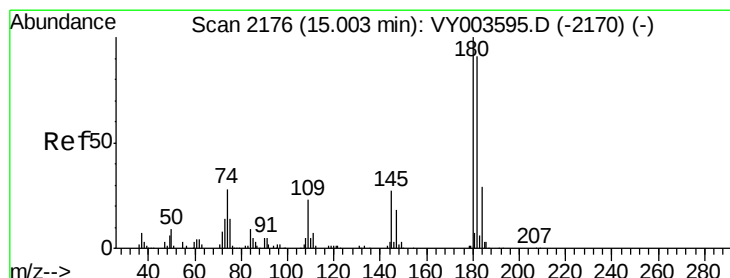
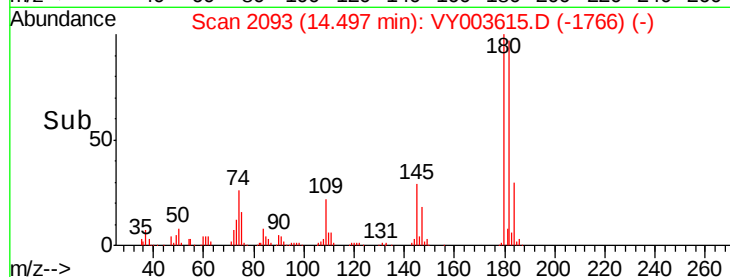
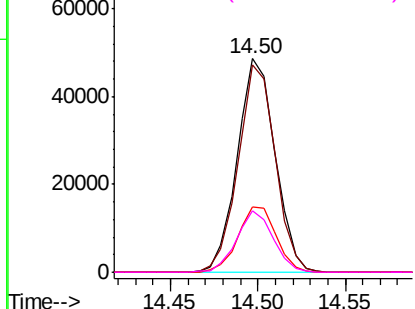
#67
 1,3,5-Trichlorobenzene
 Concen: 24.309 ug/L
 RT: 14.50 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: VY003615.D
 Acq: 24 Nov 2020 18:49

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180	Resp:	73084
Ion	Ratio	Lower Upper
180	100	
182	95.3	77.3 115.9
184	31.2	24.4 36.6
145	28.1	22.4 33.6

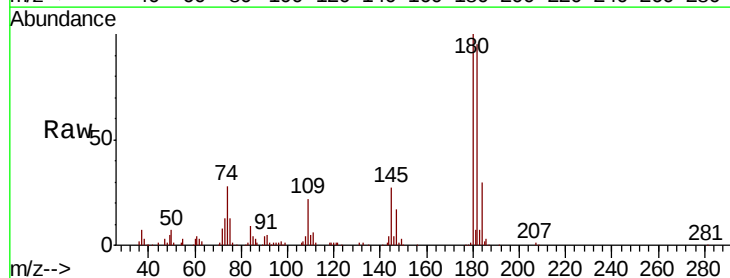


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

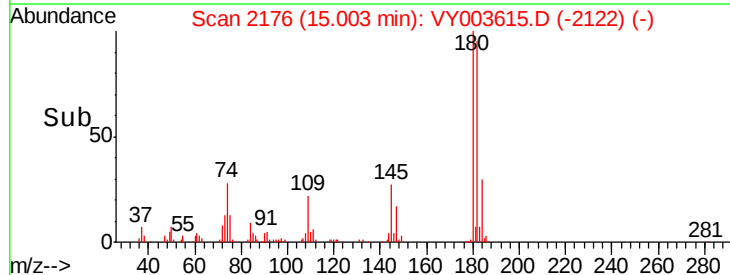
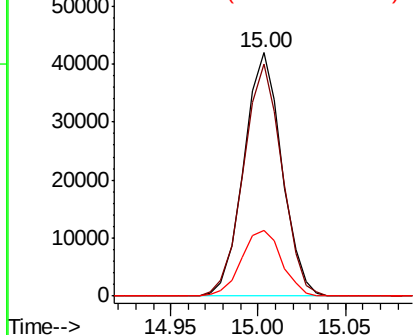


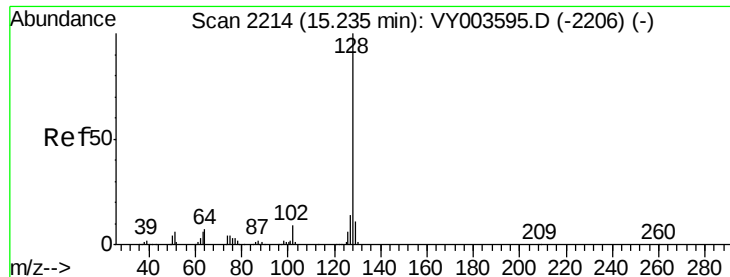
#68
 1,2,4-trichlorobenzene
 Concen: 24.444 ug/L
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003615.D
 Acq: 24 Nov 2020 18:49

Tgt Ion:180	Resp:	63307
Ion	Ratio	Lower Upper
180	100	
182	96.6	76.5 114.7
145	28.7	22.8 34.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 25.424 ug/L

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

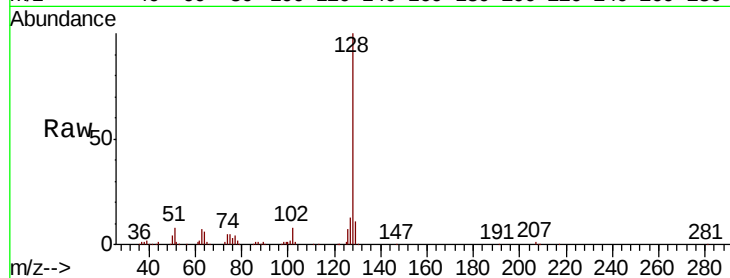
Tot Ion:128 Resp: 116147

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

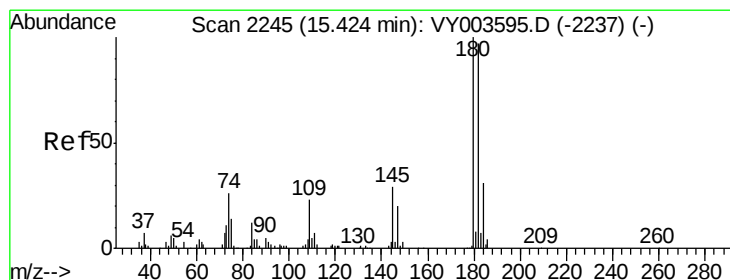
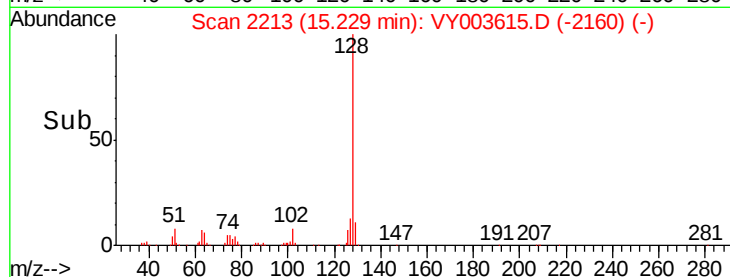
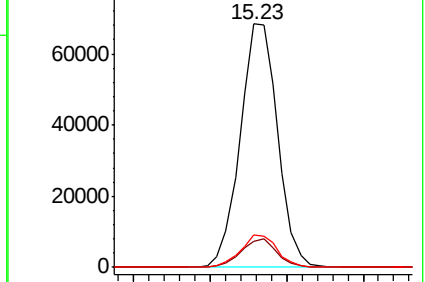
127 12.9 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 25.890 ug/L

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY003615.D

Acq: 24 Nov 2020 18:49

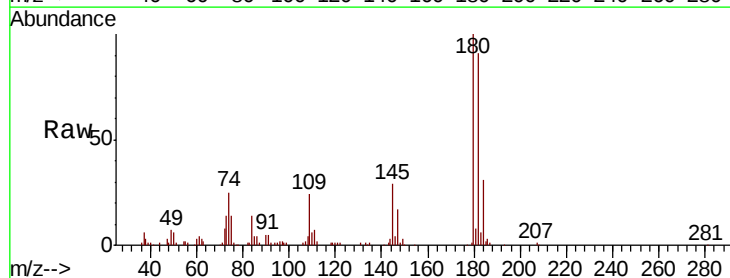
Tgt Ion:180 Resp: 50688

Ion Ratio Lower Upper

180 100

182 93.5 76.5 114.7

145 29.9 25.2 37.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

