

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120820\
 Data File : VY003689.D
 Acq On : 08 Dec 2020 20:31
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02589

Quant Time: Dec 09 02:01:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 09 01:58:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	222317	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	215782	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	112826	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	78603	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.00%
7) Chloroethane-d5	2.77	69	60642	25.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.28%
10) 1,1-Dichloroethene-d2	3.87	63	150009	25.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.40%
20) 2-Butanone-d5	6.90	46	48168	42.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.96%
24) Chloroform-d	7.49	84	151270	26.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.76%
26) 1,2-Dichloroethane-d4	8.15	65	85394	26.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.12%
29) Benzene-d6	8.12	84	325693	26.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.28%
33) 1,2-Dichloropropane-d6	9.12	67	96365	26.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.28%
37) Toluene-d8	10.18	98	299667	26.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.04%
38) trans-1,3-Dichloropropene-	10.44	79	47955	27.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.56%
39) 2-Hexanone-d5	10.79	63	42307	45.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.36%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	88693	26.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.72%
61) 1,2-Dichlorobenzene-d4	13.72	152	114355	27.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.91	85	64153	25.677 ug/L	100
3) Chloromethane	2.12	50	68995	25.446 ug/L	96
5) Vinyl chloride	2.26	62	72474	25.278 ug/L	100
6) Bromomethane	2.66	94	47008	25.357 ug/L	98
8) Chloroethane	2.80	64	45669	26.161 ug/L	91
9) Trichlorofluoromethane	3.14	101	112028	25.521 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	74563	26.424 ug/L	99
12) 1,1-Dichloroethene	3.88	96	70098	26.347 ug/L	94
13) Acetone	3.96	43	36241	44.110 ug/L	97
14) Carbon disulfide	4.20	76	227512	25.656 ug/L	99
15) Methyl Acetate	4.49	43	48188	23.310 ug/L	98
16) Methylene chloride	4.73	84	86935	22.270 ug/L	98
17) Methyl tert-butyl Ether	5.23	73	198135	26.272 ug/L	99
18) trans-1,2-Dichloroethene	5.23	96	77833	25.982 ug/L	95
19) 1,1-Dichloroethane	6.03	63	131401	26.128 ug/L	99
21) 2-Butanone	7.00	43	63169	43.542 ug/L	96
22) cis-1,2-Dichloroethene	7.00	96	84736	26.542 ug/L	96

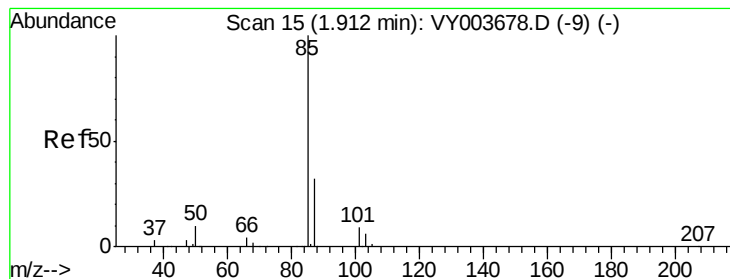
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120820\
 Data File : VY003689.D
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 Quant Title : VOC Analysis
 QLast Update : Wed Dec 09 01:58:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.35	128	42602	26.732	ug/L	94
25) Chloroform	7.51	83	134983	26.514	ug/L	98
27) 1,2-Dichloroethane	8.25	62	90448	26.266	ug/L	98
30) Cyclohexane	7.80	56	119337	25.670	ug/L	99
31) 1,1,1-Trichloroethane	7.71	97	118572	25.778	ug/L	99
32) Carbon tetrachloride	7.91	117	105841	25.922	ug/L	97
34) Benzene	8.17	78	323878	26.238	ug/L	100
35) Trichloroethene	8.94	95	84153	24.831	ug/L	99
36) Methylcyclohexane	9.19	83	136614	26.304	ug/L	99
40) 1,2-Dichloropropane	9.22	63	81168	26.218	ug/L	99
41) Bromodichloromethane	9.50	83	103918	26.419	ug/L	97
42) cis-1,3-Dichloropropene	9.93	75	128965	26.465	ug/L	96
43) 4-Methyl-2-pentanone	10.08	43	136725	47.017	ug/L	97
44) Toluene	10.25	91	351331	26.982	ug/L	97
45) trans-1,3-Dichloropropene	10.47	75	120668	26.865	ug/L	97
46) 1,1,2-Trichloroethane	10.65	97	70384	26.369	ug/L	97
47) Tetrachloroethene	10.72	164	68761	26.053	ug/L	96
49) 2-Hexanone	10.83	43	97954	47.930	ug/L	98
50) Dibromochloromethane	10.98	129	83881	26.853	ug/L	97
51) 1,2-Dibromoethane	11.09	107	66972	25.931	ug/L	96
52) Chlorobenzene	11.51	112	229389	26.769	ug/L	99
53) Ethylbenzene	11.59	91	382639	26.926	ug/L	99
54) m,p-Xylene	11.70	106	149975	27.358	ug/L	100
55) o-xylene	12.03	106	144570	27.488	ug/L	99
56) Styrene	12.04	104	252290	28.027	ug/L	97
57) Isopropylbenzene	12.33	105	381436	27.740	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.58	83	81235	28.387	ug/L	95
59) 1,2,3-Trichloropropane	12.64	75	65372	25.551	ug/L	99
62) Bromoform	12.21	173	57621	27.054	ug/L	99
63) 1,3-Dichlorobenzene	13.37	146	185881	27.704	ug/L	98
64) 1,4-Dichlorobenzene	13.45	146	186233	27.303	ug/L	98
65) 1,2-Dichlorobenzene	13.74	146	171883	27.923	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.35	75	14497	25.281	ug/L	91
67) 1,3,5-Trichlorobenzene	14.50	180	125698	26.499	ug/L	100
68) 1,2,4-trichlorobenzene	15.01	180	105957	26.184	ug/L	99
69) Naphthalene	15.24	128	221554	26.104	ug/L	100
70) 1,2,3-Trichlorobenzene	15.42	180	98473	26.640	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 25.677 ug/L

RT: 1.91 min Scan# 14

Delta R.T. -0.01 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

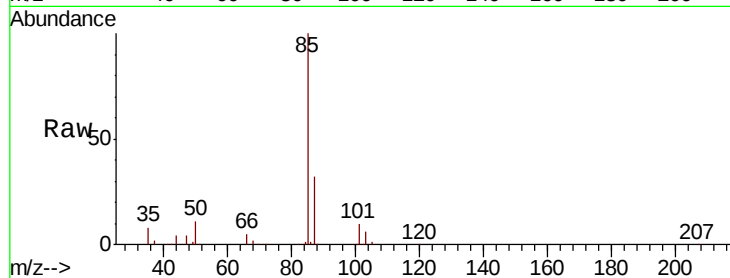
VSTD02589

Tot Ion: 85 Resp: 64153

Ion Ratio Lower Upper

85 100

87 32.2 22.6 42.0



Abundance Ion 85.00 (84.70 to 85.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

1.91

40000

30000

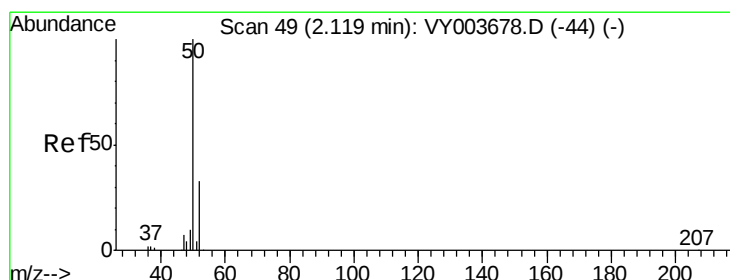
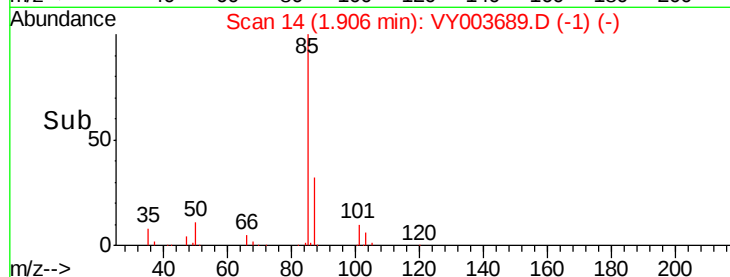
20000

10000

0

1.85 1.90 1.95 2.00

Time-->



#3

Chloromethane

Concen: 25.446 ug/L

RT: 2.12 min Scan# 49

Delta R.T. 0.00 min

Lab File: VY003689.D

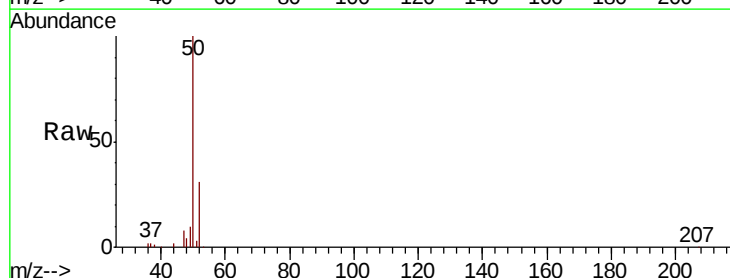
Acq: 08 Dec 2020 20:31

Tgt Ion: 50 Resp: 68995

Ion Ratio Lower Upper

50 100

52 30.9 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

2.12

50000

40000

30000

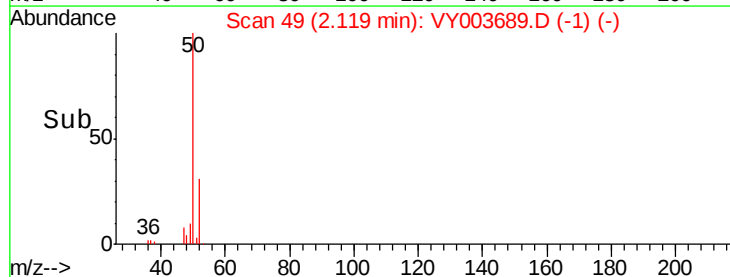
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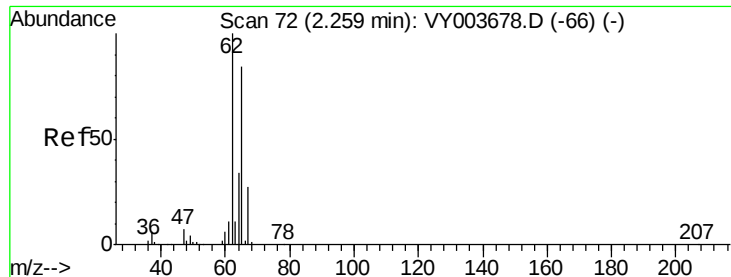
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0

2.05 2.10 2.15 2.20

Time-->





#5

Vinyl chloride

Concen: 25.278 ug/L

RT: 2.26 min Scan# 72

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

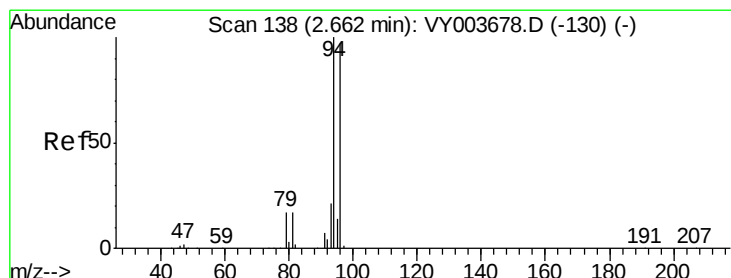
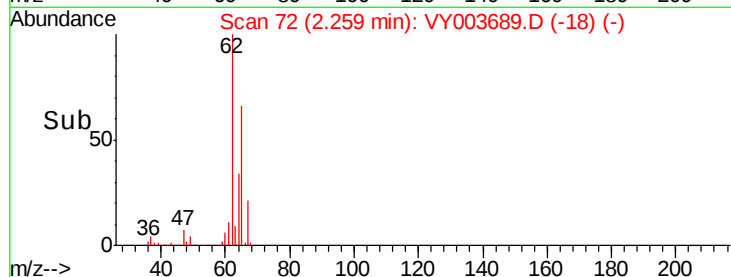
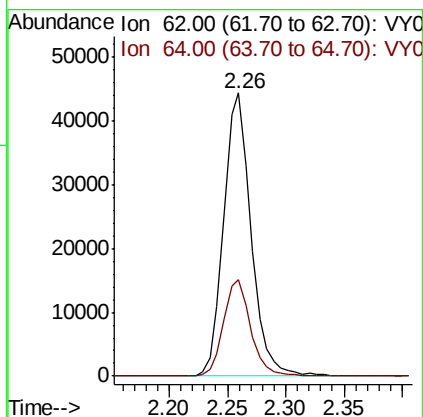
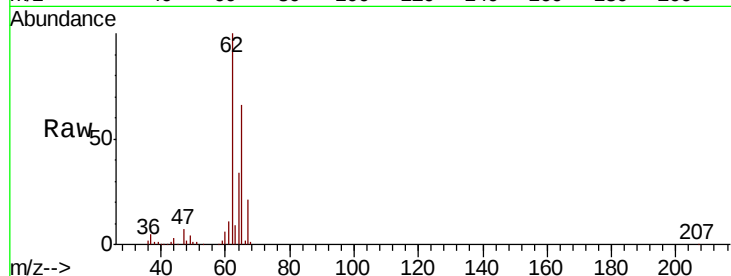
VSTD02589

Tot Ion: 62 Resp: 72474

Ion Ratio Lower Upper

62 100

64 33.9 23.8 44.2



#6

Bromomethane

Concen: 25.357 ug/L

RT: 2.66 min Scan# 138

Delta R.T. 0.00 min

Lab File: VY003689.D

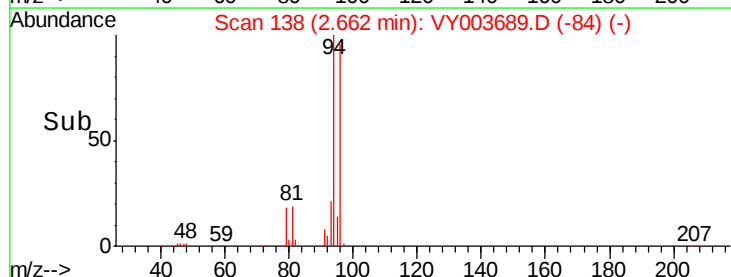
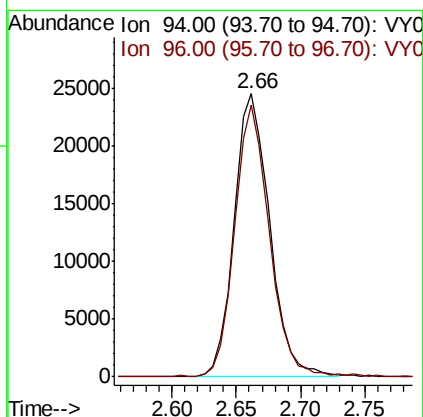
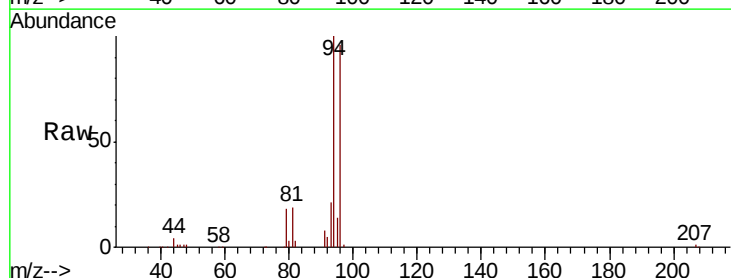
Acq: 08 Dec 2020 20:31

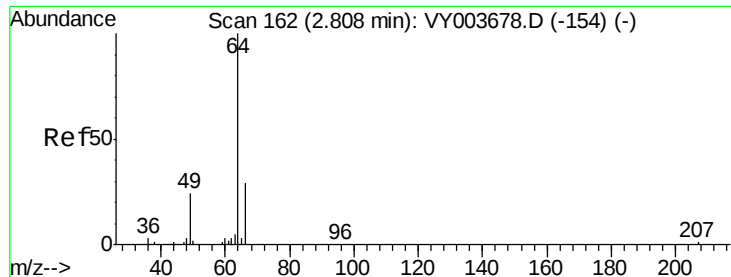
Tgt Ion: 94 Resp: 47008

Ion Ratio Lower Upper

94 100

96 93.5 9.2 174.6





#8

Chloroethane

Concen: 26.161 ug/L

RT: 2.80 min Scan# 161

Delta R.T. -0.01 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

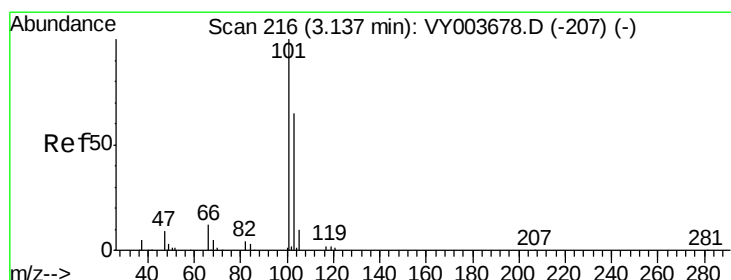
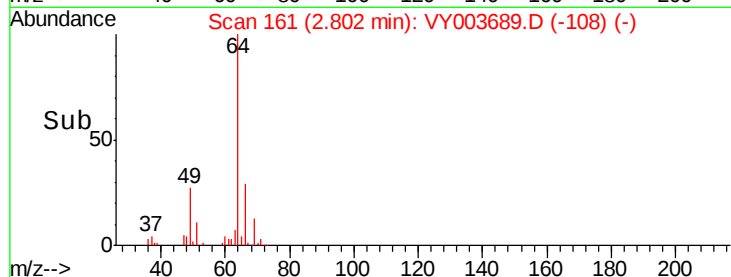
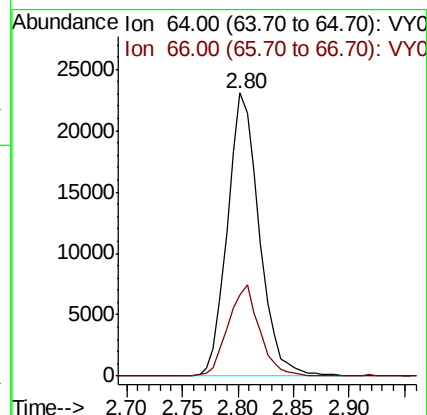
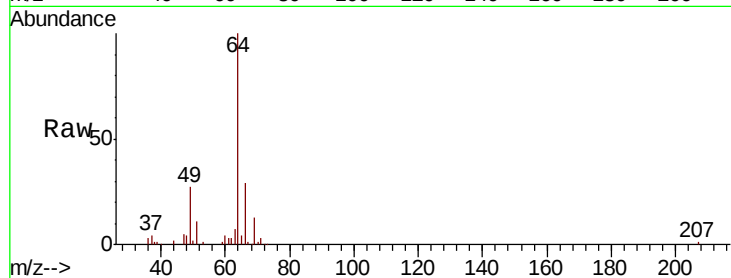
VSTD02589

Tot Ion: 64 Resp: 45669

Ion Ratio Lower Upper

64 100

66 28.7 23.8 44.2



#9

Trichlorofluoromethane

Concen: 25.521 ug/L

RT: 3.14 min Scan# 216

Delta R.T. 0.00 min

Lab File: VY003689.D

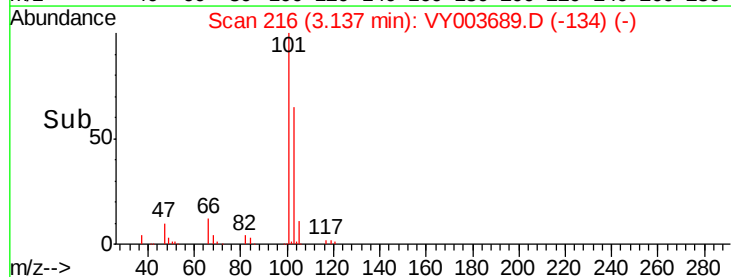
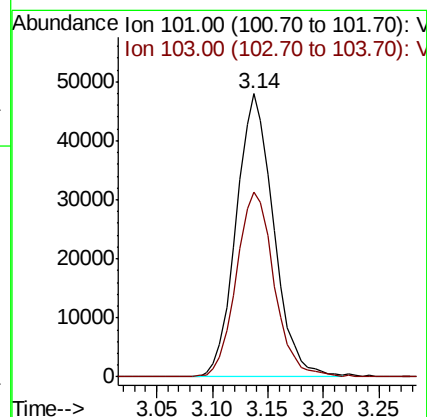
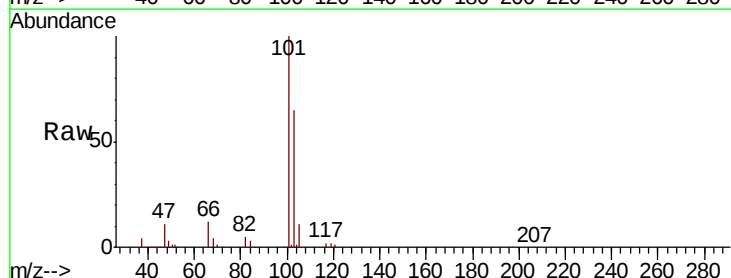
Acq: 08 Dec 2020 20:31

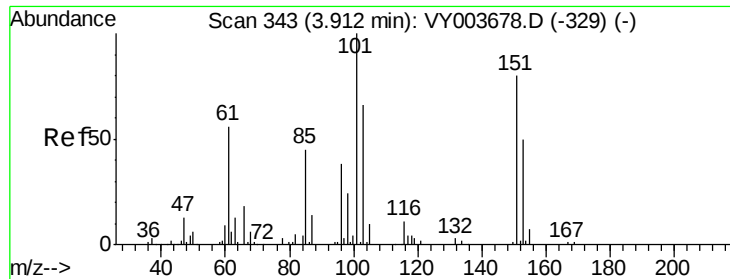
Tgt Ion: 101 Resp: 112028

Ion Ratio Lower Upper

101 100

103 65.8 45.1 83.7





#11

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

Concen: 26.424 ug/L

RT: 3.91 min Scan# 343

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTD02589

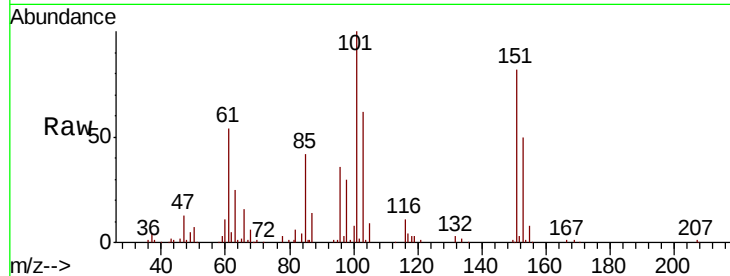
Tot Ion:101 Resp: 74563

Ion Ratio Lower Upper

101 100

85 41.9 33.9 50.9

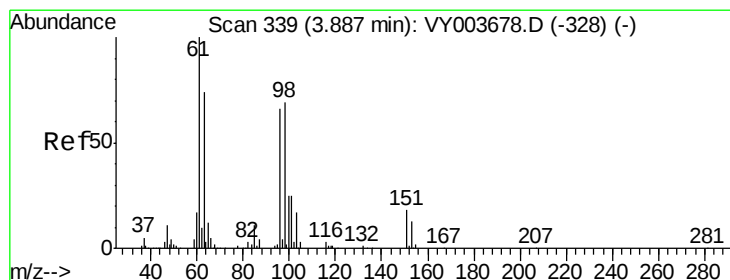
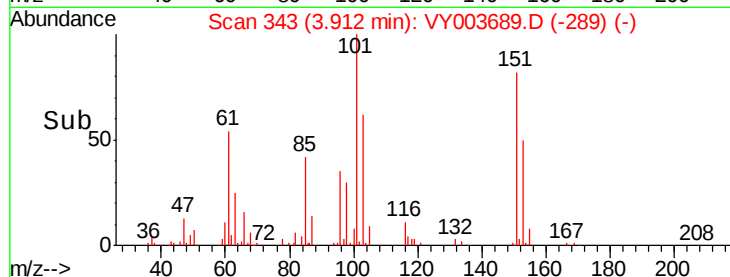
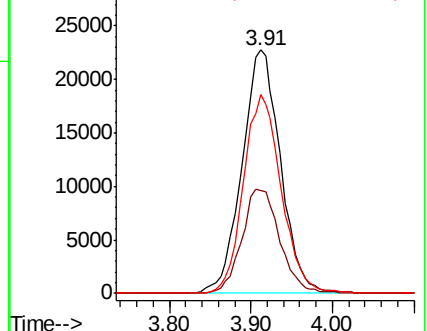
151 79.6 65.0 97.4



Abundance Ion 101.00 (100.70 to 101.70): VY003678.D (-329) (-)

Ion 85.00 (84.70 to 85.70): VY003678.D (-329) (-)

Ion 151.00 (150.70 to 151.70): VY003678.D (-329) (-)



#12

1,1-Dichloroethene

Concen: 26.347 ug/L

RT: 3.88 min Scan# 338

Delta R.T. -0.01 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

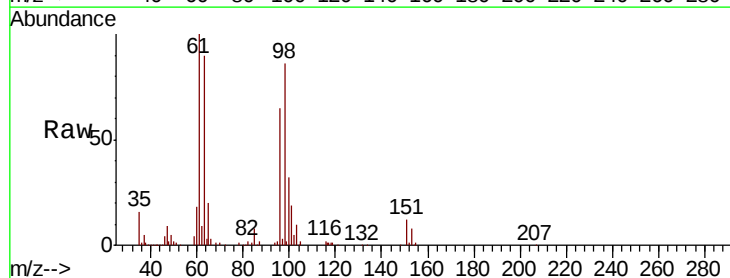
Tgt Ion: 96 Resp: 70098

Ion Ratio Lower Upper

96 100

61 152.8 108.5 201.5

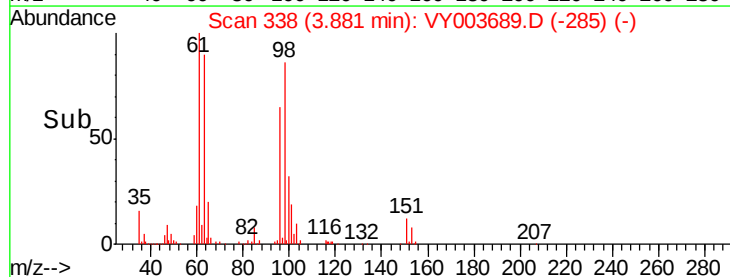
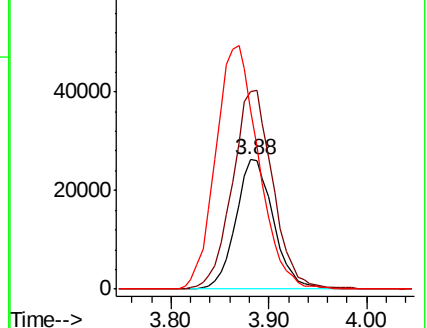
63 137.4 87.8 163.0

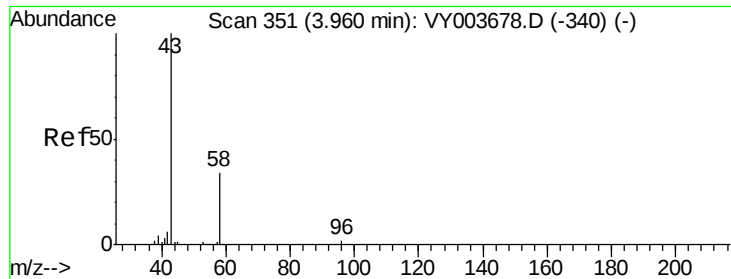


Abundance Ion 96.00 (95.70 to 96.70): VY003678.D (-328) (-)

Ion 61.00 (60.70 to 61.70): VY003678.D (-328) (-)

Ion 63.00 (62.70 to 63.70): VY003678.D (-328) (-)





#13

Acetone

Concen: 44.110 ug/L

RT: 3.96 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

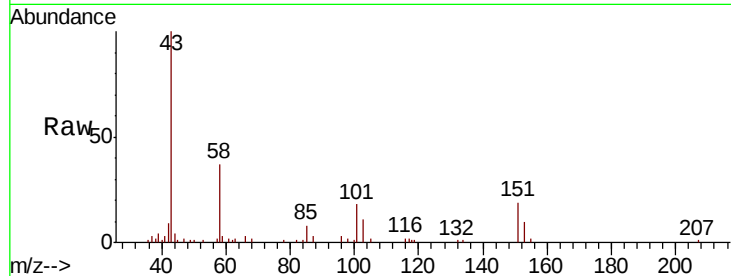
VSTD02589

Tot Ion: 43 Resp: 36241

Ion Ratio Lower Upper

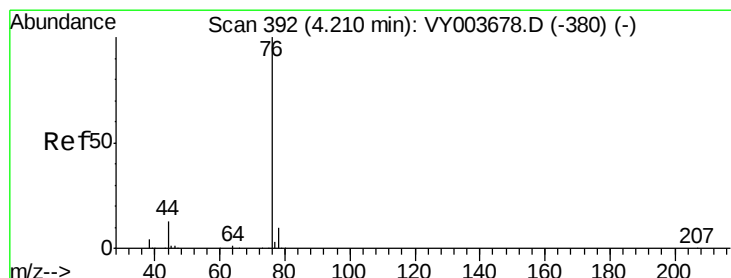
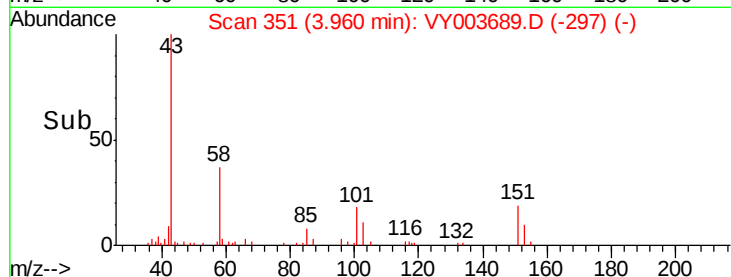
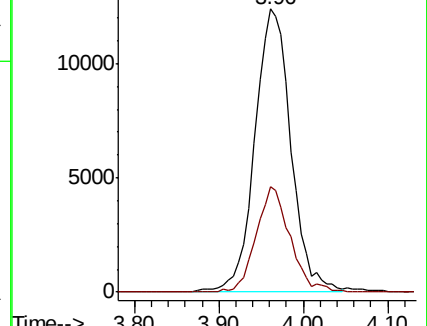
43 100

58 32.9 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#14

Carbon disulfide

Concen: 25.656 ug/L

RT: 4.20 min Scan# 391

Delta R.T. -0.01 min

Lab File: VY003689.D

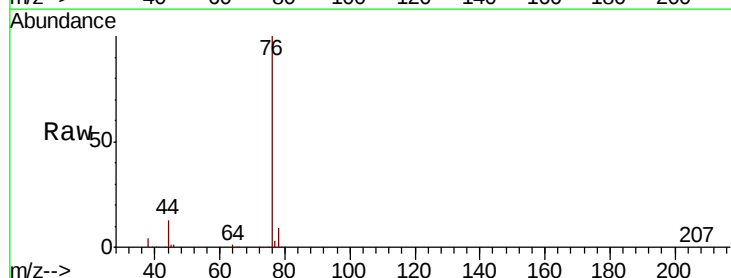
Acq: 08 Dec 2020 20:31

Tgt Ion: 76 Resp: 227512

Ion Ratio Lower Upper

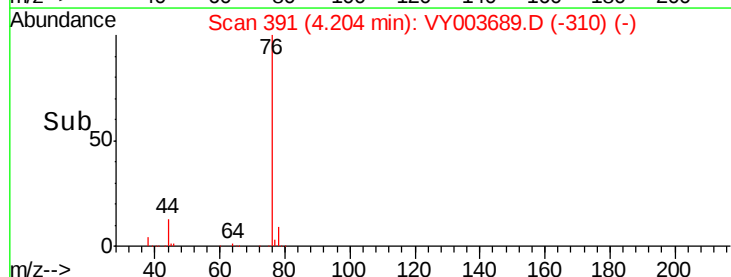
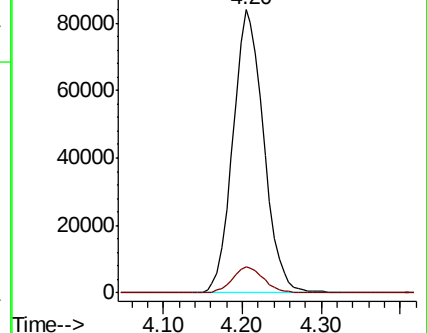
76 100

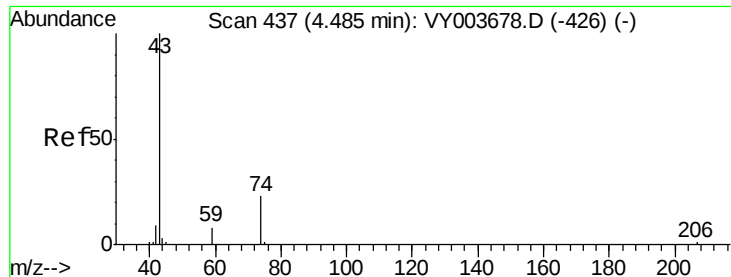
78 9.2 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VY0

Ion 78.00 (77.70 to 78.70): VY0

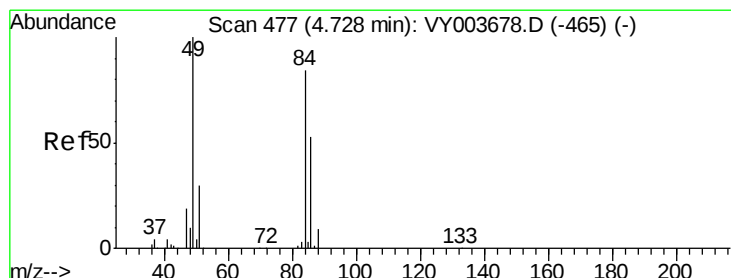
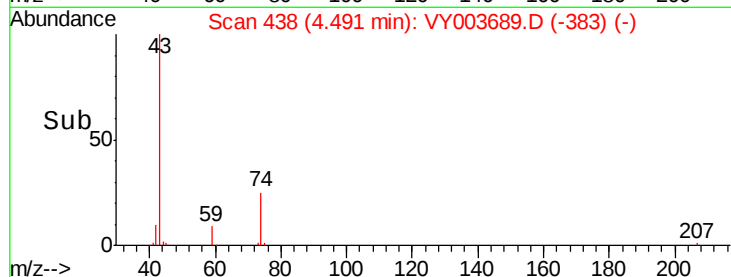
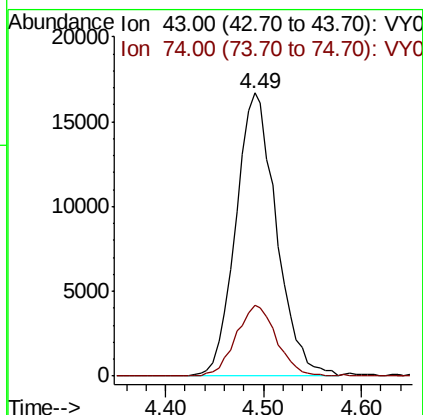
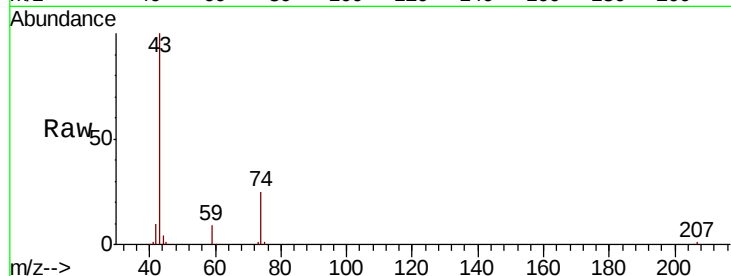




#15
Methyl Acetate
Concen: 23.310 ug/L
RT: 4.49 min Scan# 438
Delta R.T. 0.01 min
Lab File: VY003689.D
Acq: 08 Dec 2020 20:31

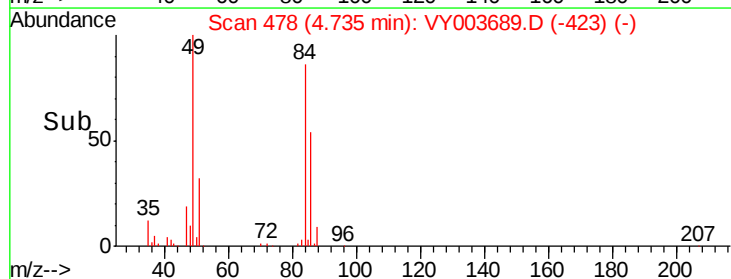
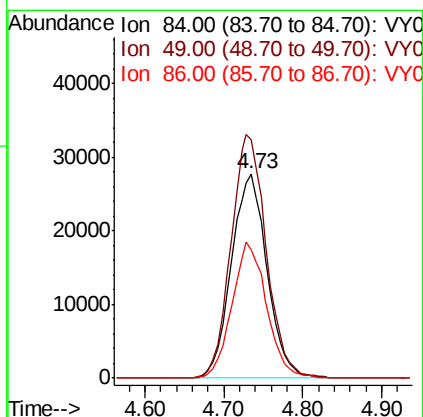
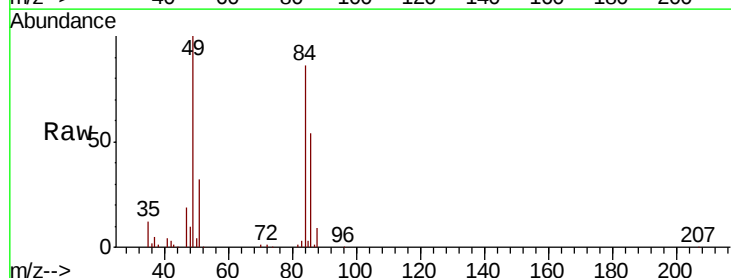
Instrument :
MSVOA_Y
ClientSampleId :
VSTD02589

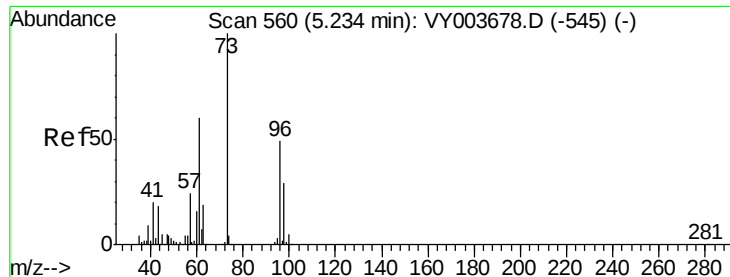
Tot Ion: 43 Resp: 48188
Ion Ratio Lower Upper
43 100
74 24.8 19.2 28.8



#16
Methylene chloride
Concen: 22.270 ug/L
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VY003689.D
Acq: 08 Dec 2020 20:31

Tgt Ion: 84 Resp: 86935
Ion Ratio Lower Upper
84 100
49 116.9 83.7 155.4
86 62.8 45.0 83.6

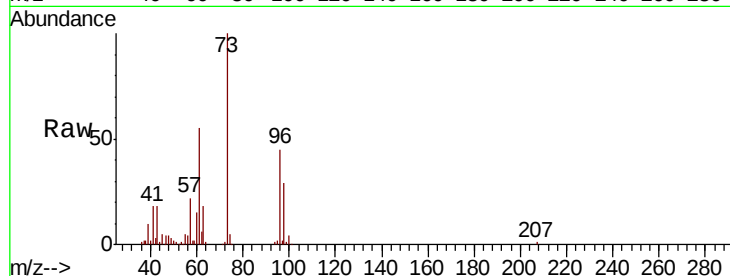




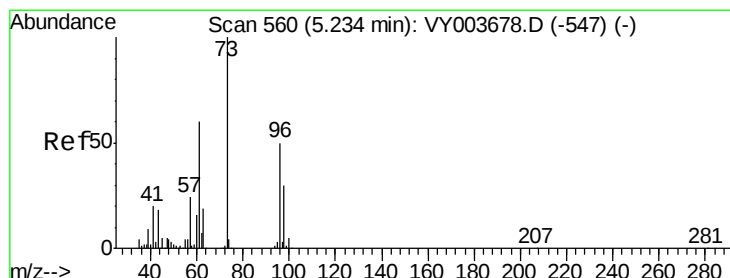
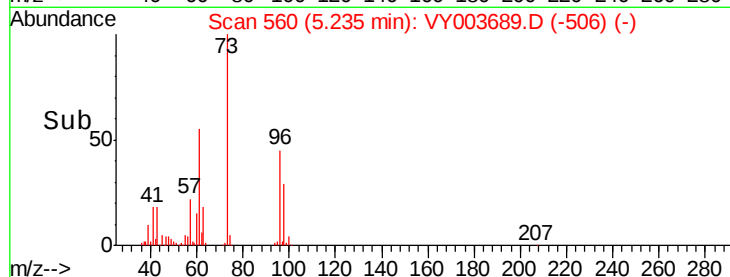
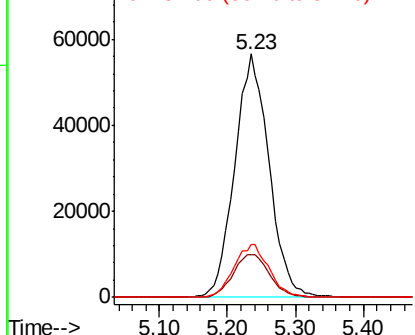
#17
Methvl tert-butvl Ether
Concen: 26.272 ug/L
RT: 5.23 min Scan# 560
Delta R.T. 0.00 min
Lab File: VY003689.D
Acq: 08 Dec 2020 20:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTD02589

Tot Ion	Ratio	Lower	Upper
73	100		
43	18.8	14.9	22.3
57	22.2	18.1	27.1

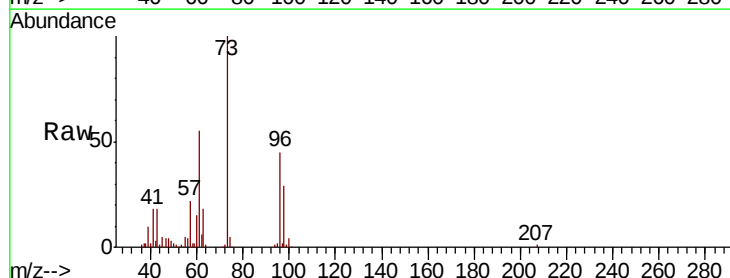


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

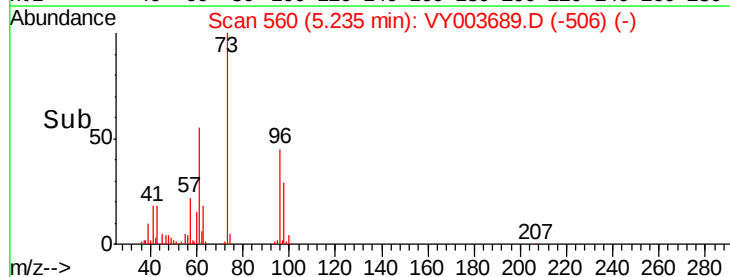
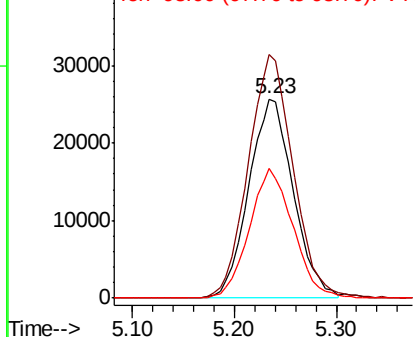


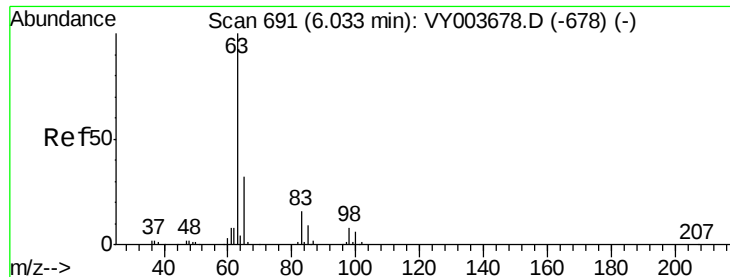
#18
trans-1,2-Dichloroethene
Concen: 25.982 ug/L
RT: 5.23 min Scan# 560
Delta R.T. 0.00 min
Lab File: VY003689.D
Acq: 08 Dec 2020 20:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	122.1	90.8	168.6
98	64.7	44.2	82.0



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





#19

1,1-Dichloroethane

Concen: 26.128 ug/L

RT: 6.03 min Scan# 691

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTD02589

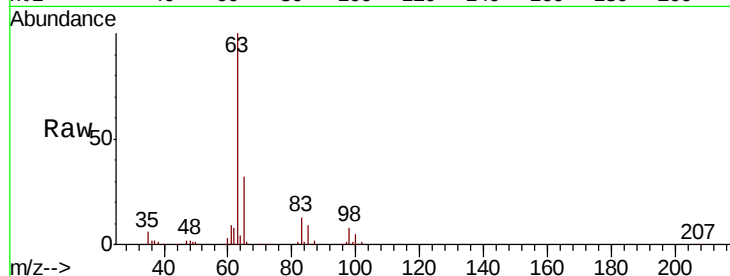
Tot Ion: 63 Resp: 131401

Ion Ratio Lower Upper

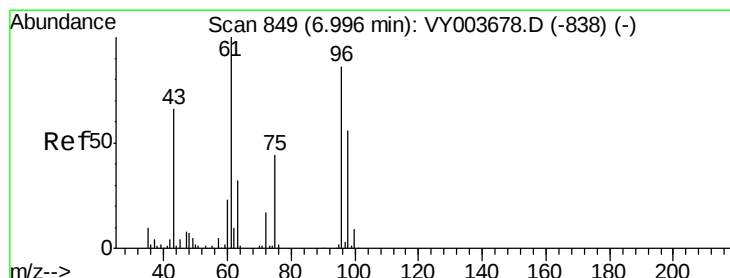
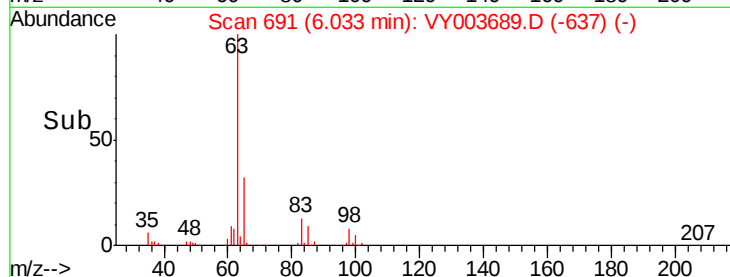
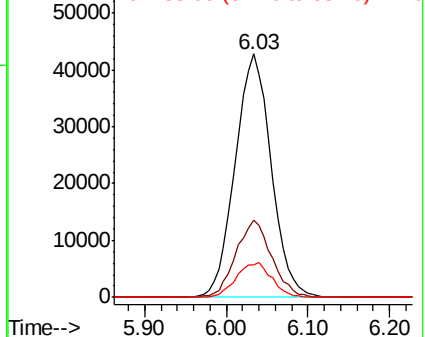
63 100

65 31.6 22.7 42.1

83 13.4 9.7 17.9



Abundance Ion 63.00 (62.70 to 63.70): VY0
Ion 65.00 (64.70 to 65.70): VY0
Ion 83.00 (82.70 to 83.70): VY0



#21

2-Butanone

Concen: 43.542 ug/L

RT: 7.00 min Scan# 849

Delta R.T. 0.00 min

Lab File: VY003689.D

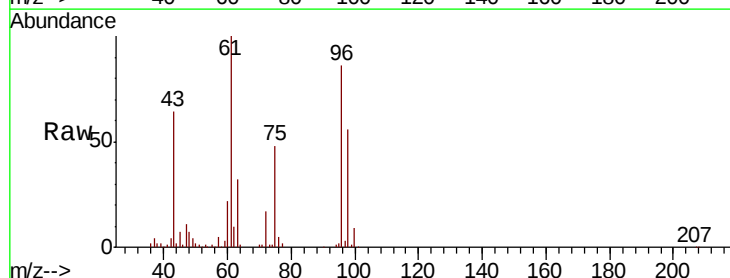
Acq: 08 Dec 2020 20:31

Tgt Ion: 43 Resp: 63169

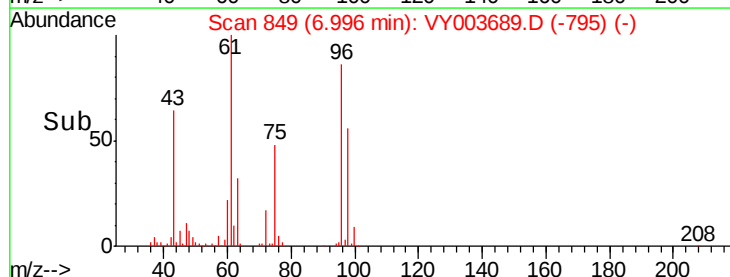
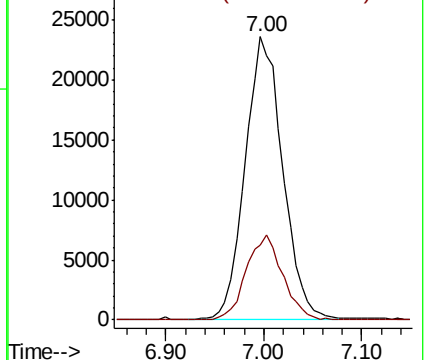
Ion Ratio Lower Upper

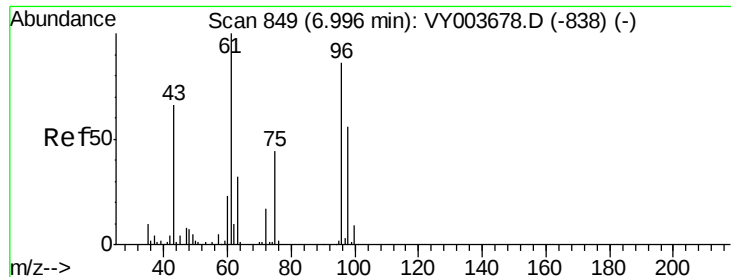
43 100

72 28.7 13.3 39.9



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



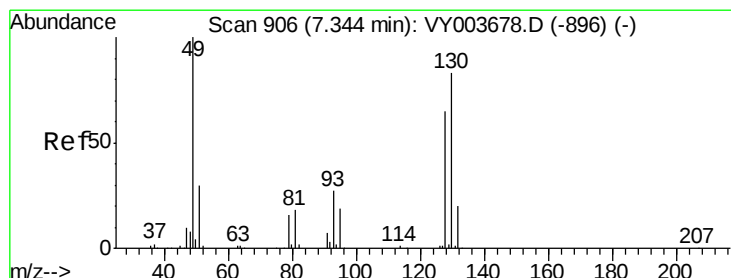
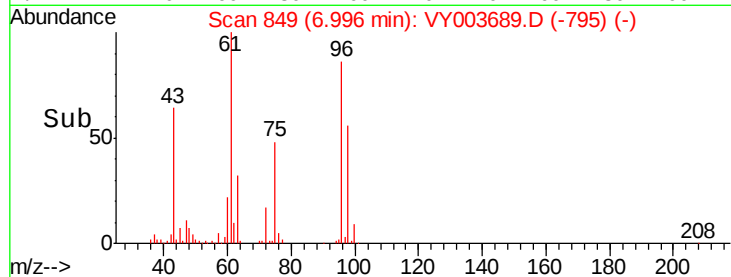
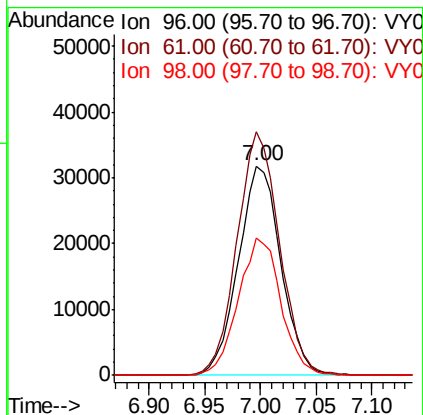
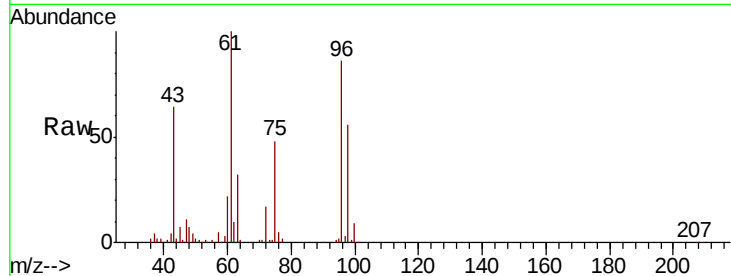


#22

cis-1,2-Dichloroethene
 Concen: 26.542 ug/L
 RT: 7.00 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VY003689.D
 Acq: 08 Dec 2020 20:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02589

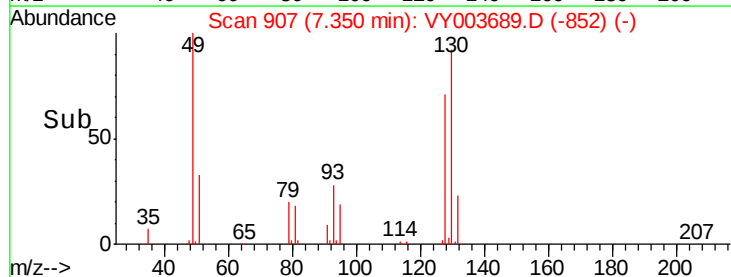
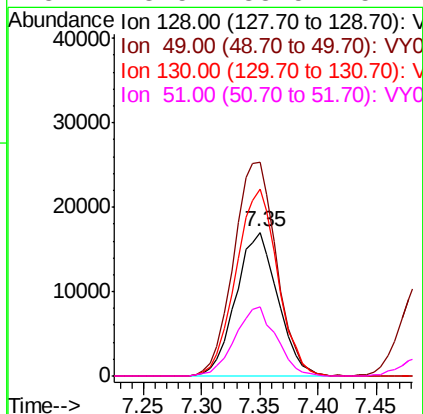
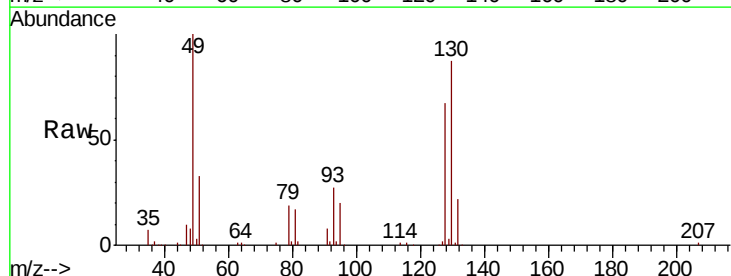
Tot Ion: 96 Resp: 84736
 Ion Ratio Lower Upper
 96 100
 61 116.1 85.8 159.4
 98 65.5 46.5 86.3

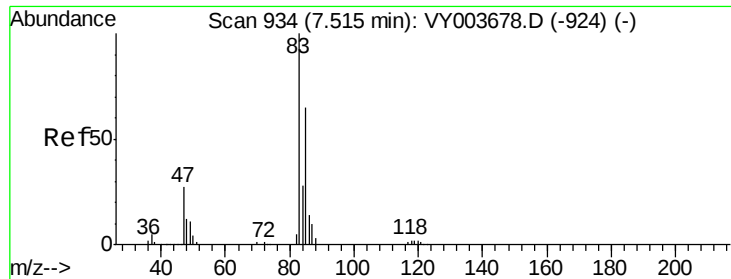


#23

Bromochloromethane
 Concen: 26.732 ug/L
 RT: 7.35 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: VY003689.D
 Acq: 08 Dec 2020 20:31

Tgt Ion: 128 Resp: 42602
 Ion Ratio Lower Upper
 128 100
 49 148.7 113.8 211.3
 130 129.9 89.7 166.5
 51 48.5 38.5 57.7

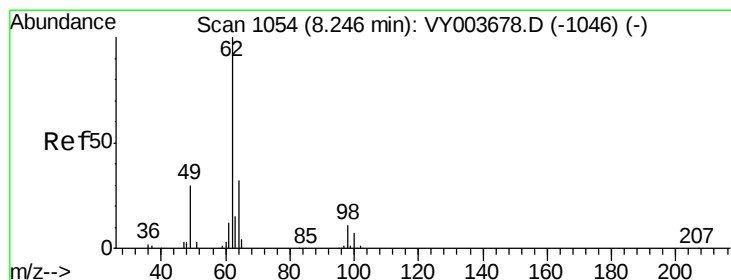
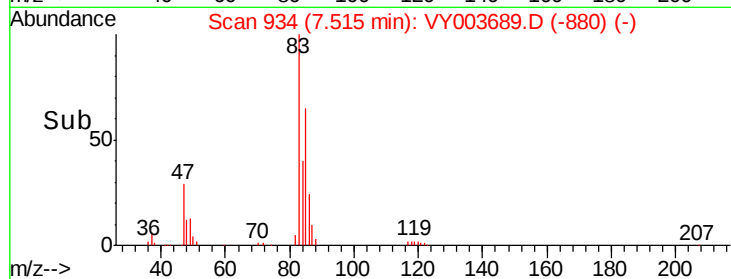
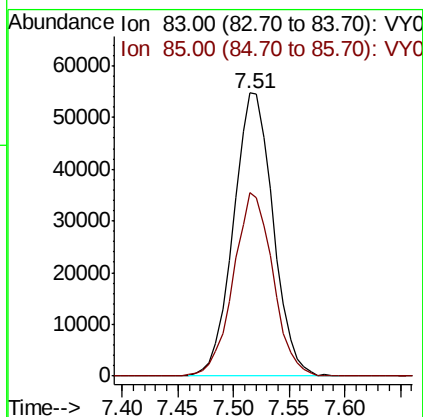
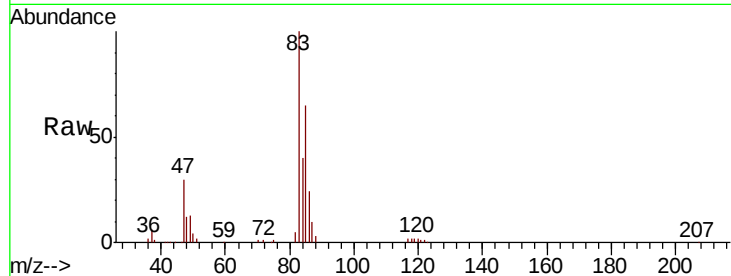




#25
Chloroform
Concen: 26.514 ug/L
RT: 7.51 min Scan# 934
Delta R.T. 0.00 min
Lab File: VY003689.D
Acq: 08 Dec 2020 20:31

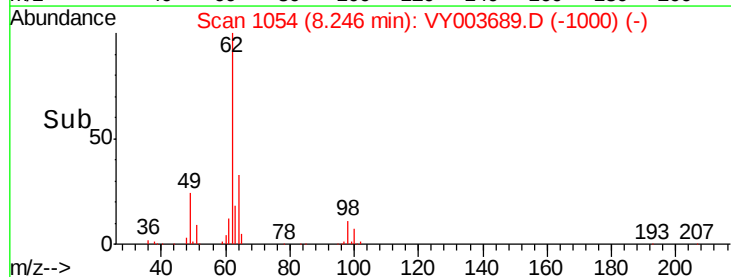
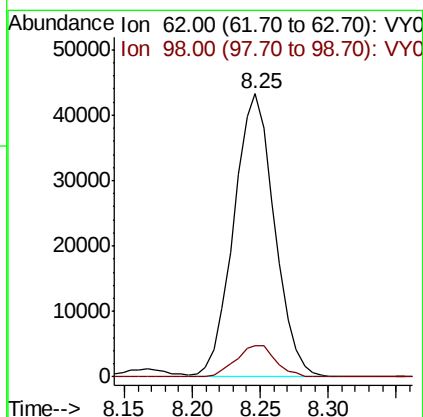
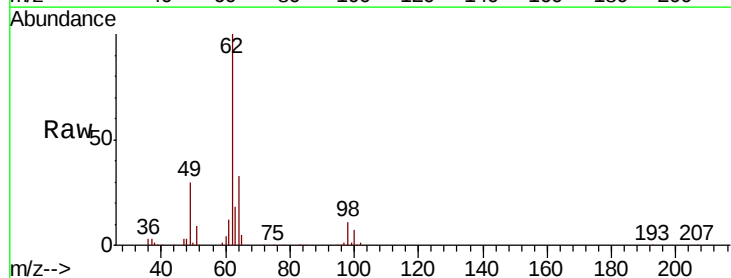
Instrument :
MSVOA_Y
ClientSampleId :
VSTD02589

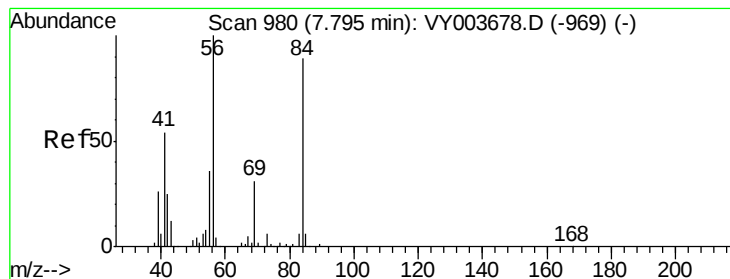
Tot Ion: 83 Resp: 134983
Ion Ratio Lower Upper
83 100
85 64.9 46.5 86.5



#27
1,2-Dichloroethane
Concen: 26.266 ug/L
RT: 8.25 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003689.D
Acq: 08 Dec 2020 20:31

Tgt Ion: 62 Resp: 90448
Ion Ratio Lower Upper
62 100
98 10.9 8.0 12.0





#30

Cyclohexane

Concen: 25.670 ug/L

RT: 7.80 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTD02589

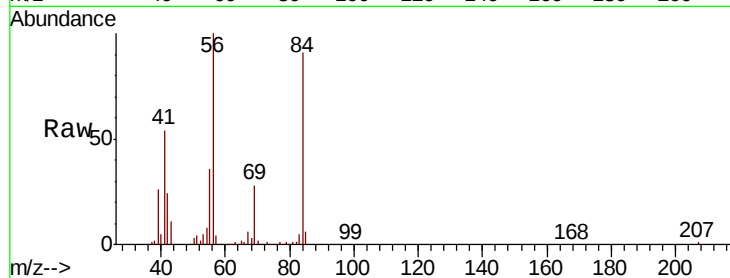
Tot Ion: 56 Resp: 119337

Ion Ratio Lower Upper

56 100

69 30.3 23.8 35.8

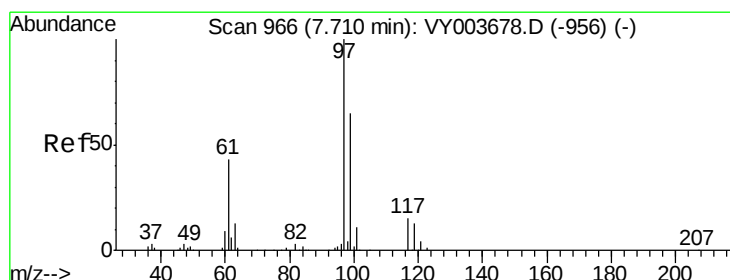
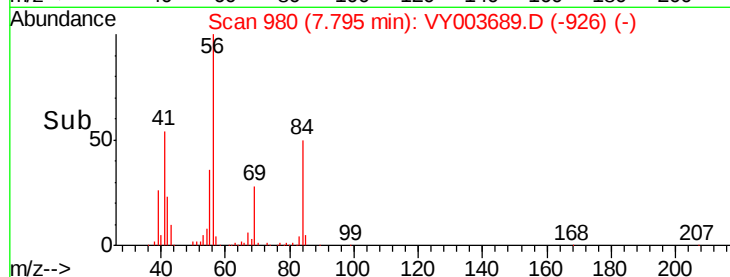
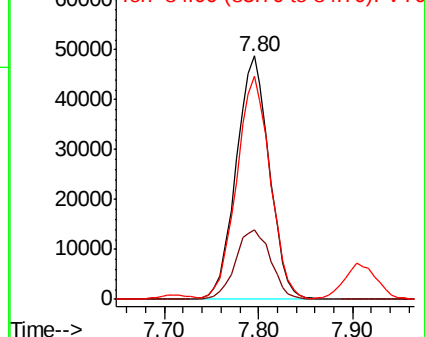
84 92.7 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VY003689.D (-926) (-)

Ion 69.00 (68.70 to 69.70): VY003689.D (-926) (-)

Ion 84.00 (83.70 to 84.70): VY003689.D (-926) (-)



#31

1,1,1-Trichloroethane

Concen: 25.778 ug/L

RT: 7.71 min Scan# 966

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

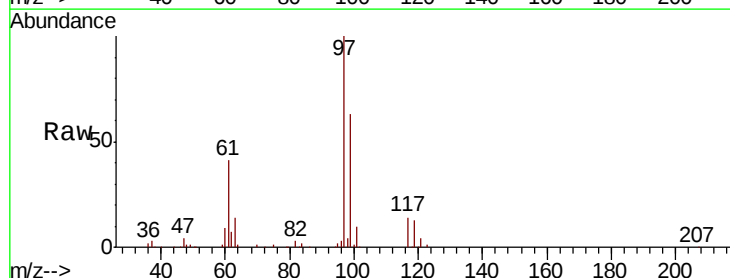
Tgt Ion: 97 Resp: 118572

Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

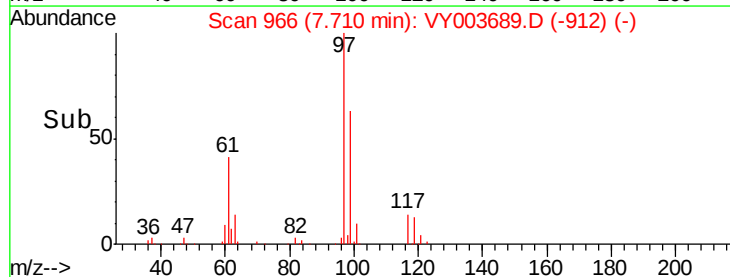
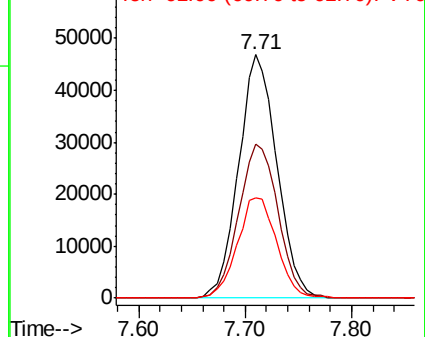
61 42.4 34.0 51.0

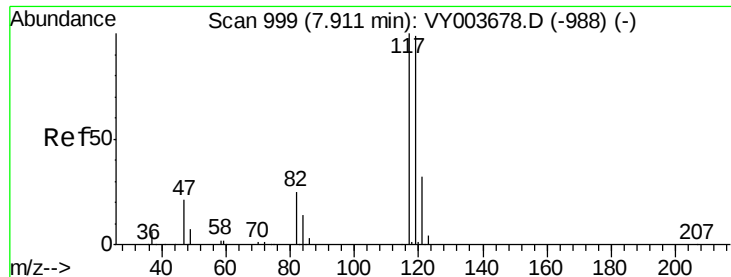


Abundance Ion 97.00 (96.70 to 97.70): VY003689.D (-912) (-)

Ion 99.00 (98.70 to 99.70): VY003689.D (-912) (-)

Ion 61.00 (60.70 to 61.70): VY003689.D (-912) (-)





#32

Carbon tetrachloride

Concen: 25.922 ug/L

RT: 7.91 min Scan# 999

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

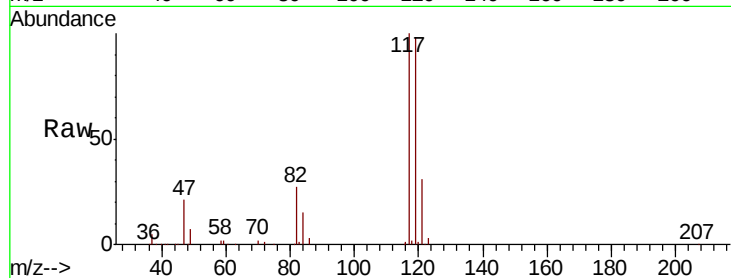
VSTD02589

Tot Ion:117 Resp: 105841

Ion Ratio Lower Upper

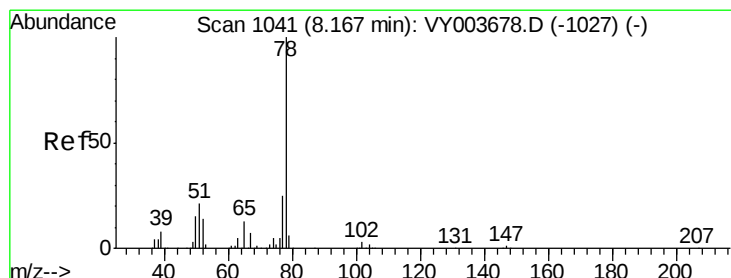
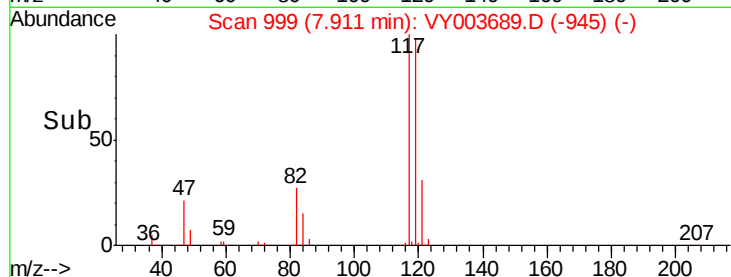
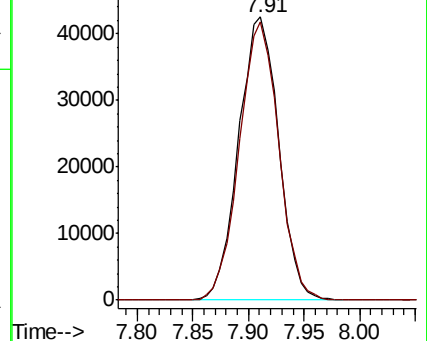
117 100

119 97.1 75.4 113.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 26.238 ug/L

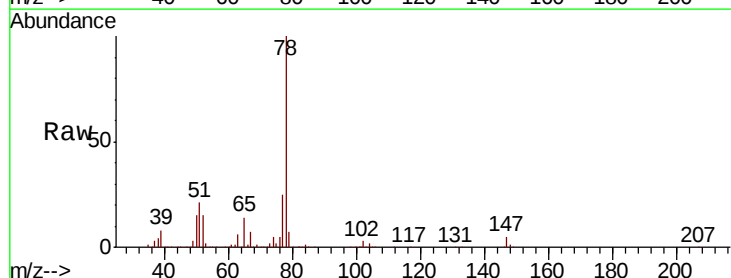
RT: 8.17 min Scan# 1041

Delta R.T. 0.00 min

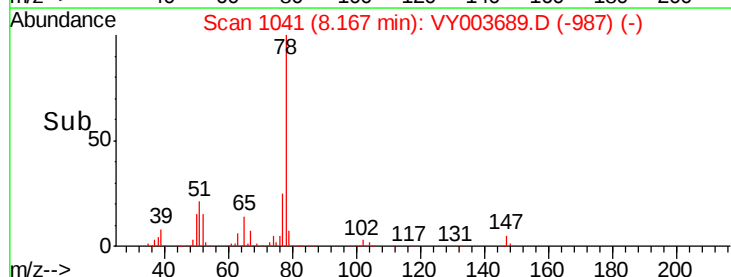
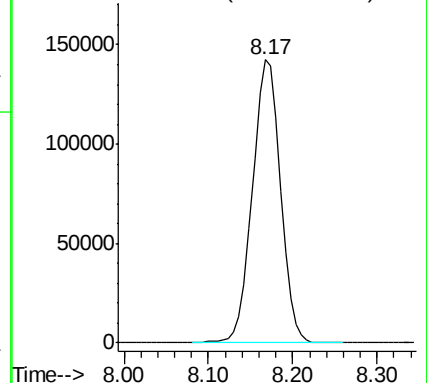
Lab File: VY003689.D

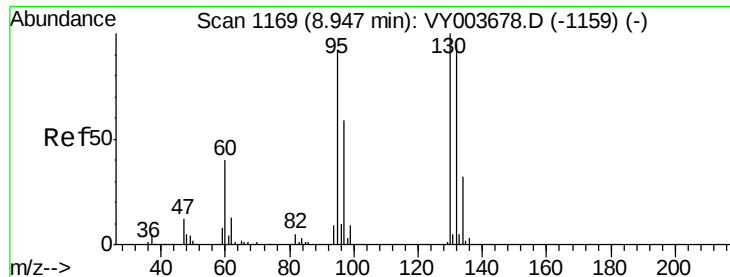
Acq: 08 Dec 2020 20:31

Tgt Ion: 78 Resp: 323878



Abundance Ion 78.00 (77.70 to 78.70): VY0





#35

Trichloroethene

Concen: 24.831 ug/L

RT: 8.94 min Scan# 1168

Delta R.T. -0.01 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTD02589

Tot Ion: 95 Resp: 84153

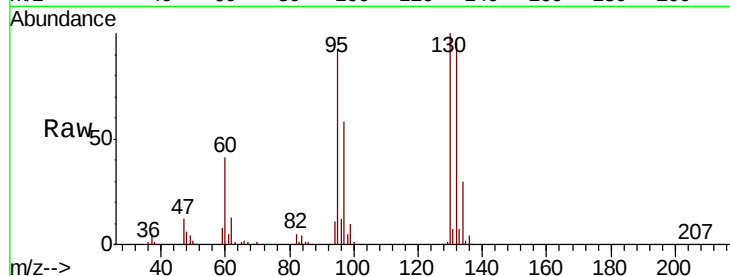
Ion Ratio Lower Upper

95 100

97 64.8 45.8 85.0

132 106.2 74.2 137.8

130 109.8 76.2 141.6

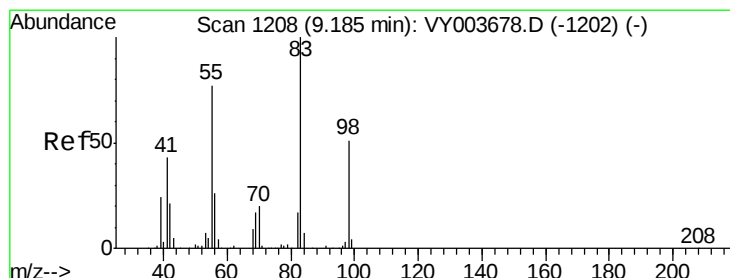
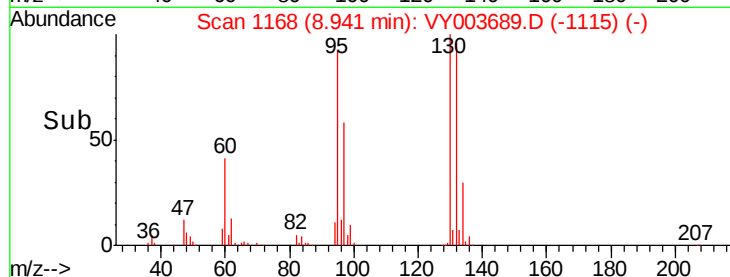
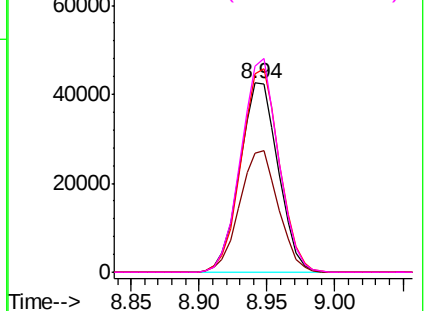


Abundance Ion 95.00 (94.70 to 95.70): VY0

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: 26.304 ug/L

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

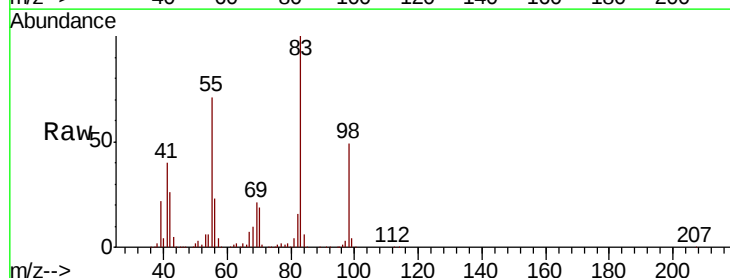
Tgt Ion: 83 Resp: 136614

Ion Ratio Lower Upper

83 100

55 69.6 56.4 84.6

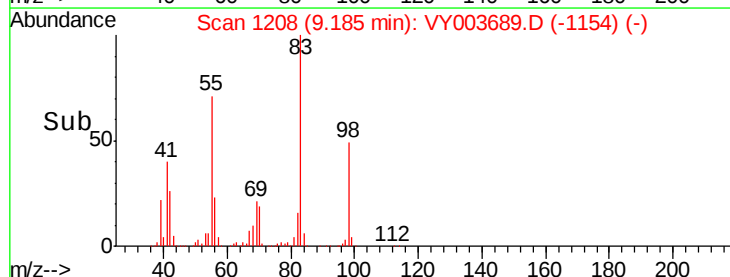
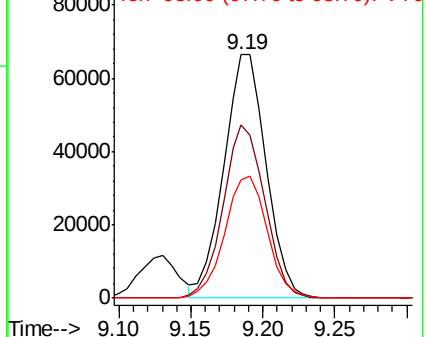
98 50.4 40.3 60.5

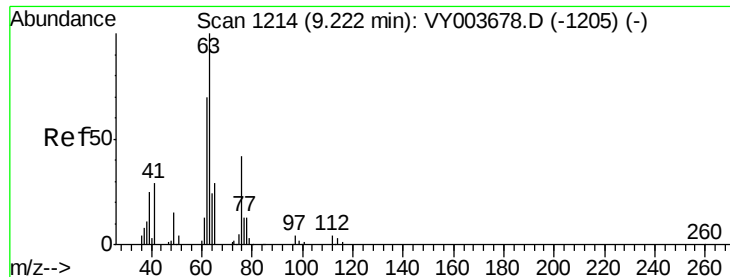


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0

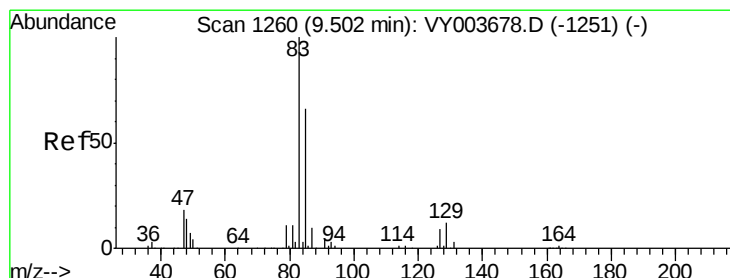
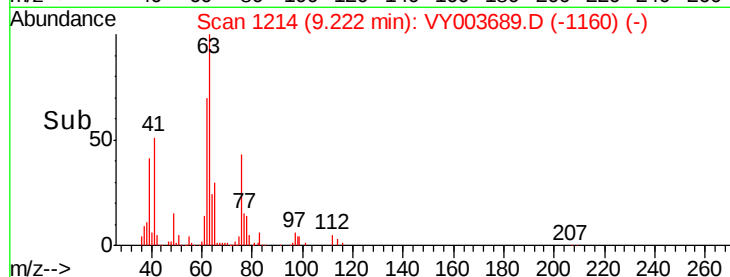
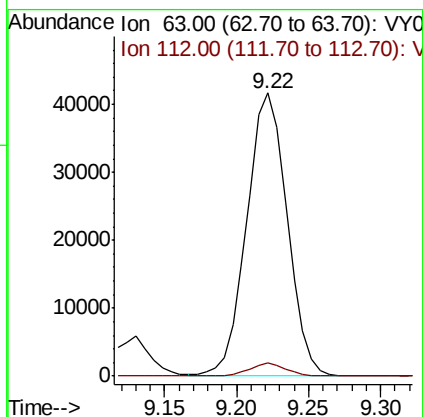
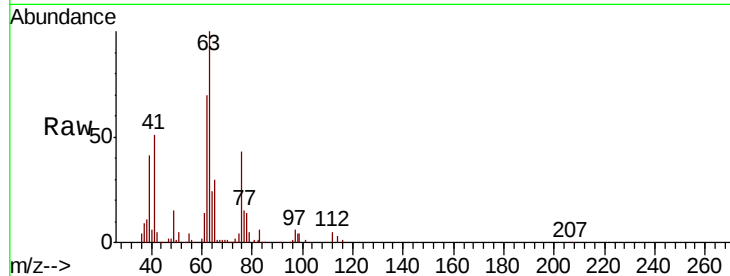




#40
 1,2-Dichloropropane
 Concen: 26.218 ug/L
 RT: 9.22 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: VY003689.D
 Acq: 08 Dec 2020 20:31

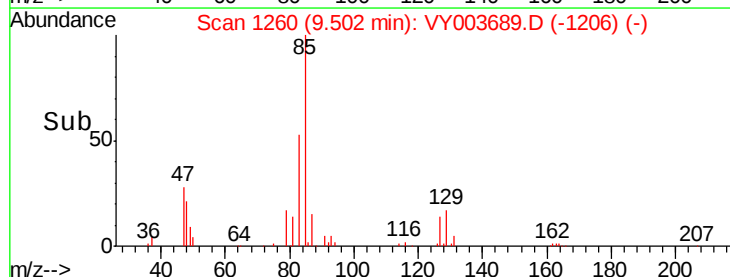
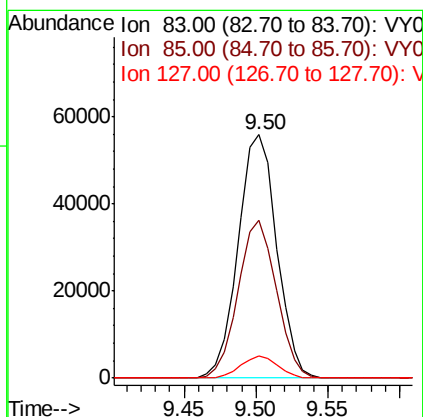
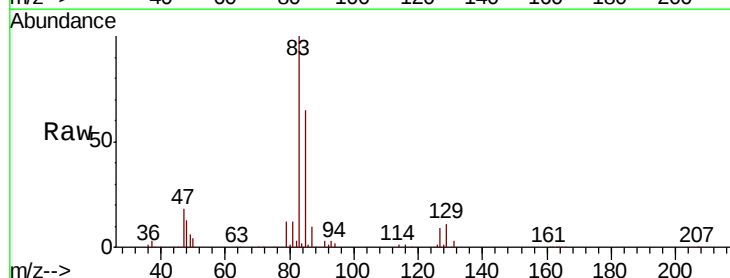
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02589

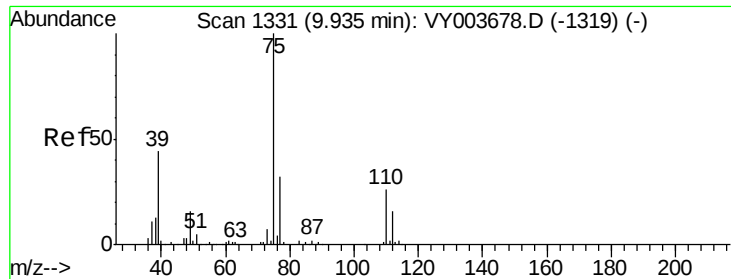
Tot Ion: 63 Resp: 81168
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.7 5.5



#41
 Bromodichloromethane
 Concen: 26.419 ug/L
 RT: 9.50 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VY003689.D
 Acq: 08 Dec 2020 20:31

Tgt Ion: 83 Resp: 103918
 Ion Ratio Lower Upper
 83 100
 85 65.0 44.0 81.6
 127 9.1 7.2 10.8



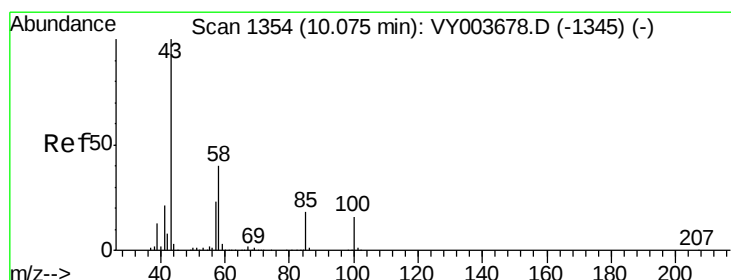
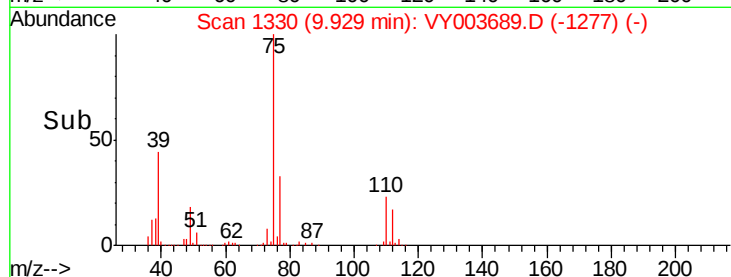
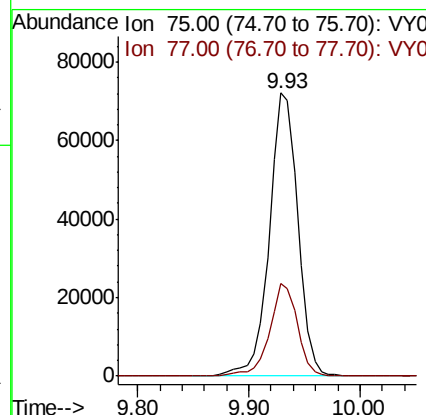
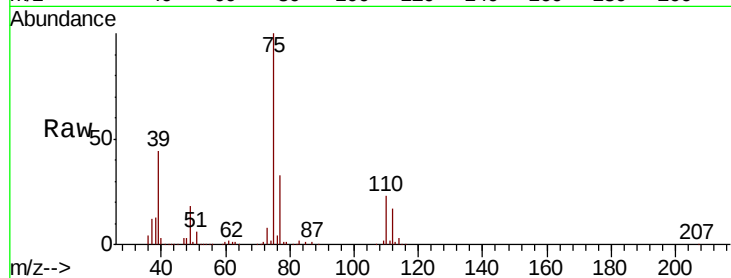


#42

cis-1,3-Dichloropropene
 Concen: 26.465 ug/L
 RT: 9.93 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VY003689.D
 Acq: 08 Dec 2020 20:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02589

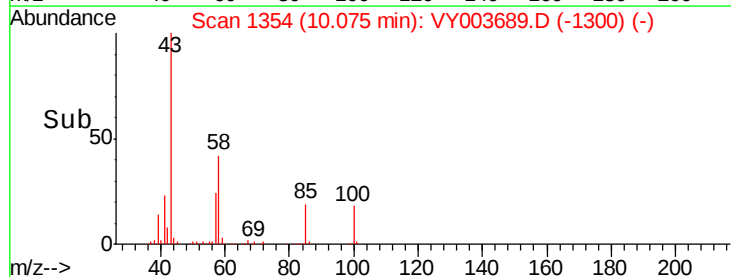
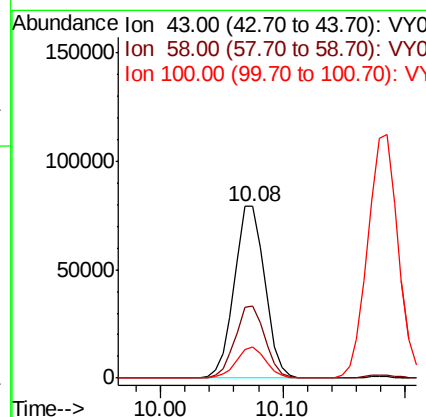
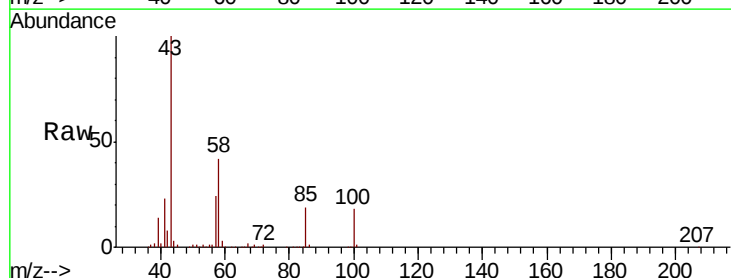
Tot Ion: 75 Resp: 128965
 Ion Ratio Lower Upper
 75 100
 77 32.6 21.3 39.6

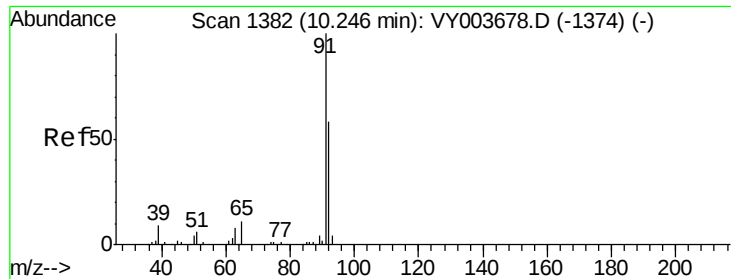


#43

4-Methyl-2-pentanone
 Concen: 47.017 ug/L
 RT: 10.08 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: VY003689.D
 Acq: 08 Dec 2020 20:31

Tgt Ion: 43 Resp: 136725
 Ion Ratio Lower Upper
 43 100
 58 41.2 31.5 47.3
 100 17.4 12.7 19.1





#44

Toluene

Concen: 26.982 ug/L

RT: 10.25 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

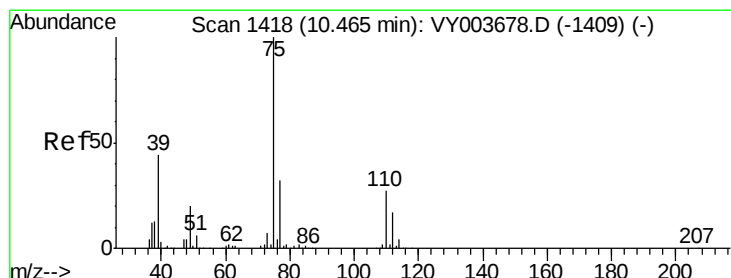
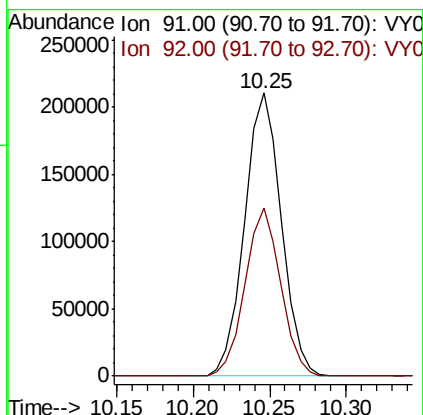
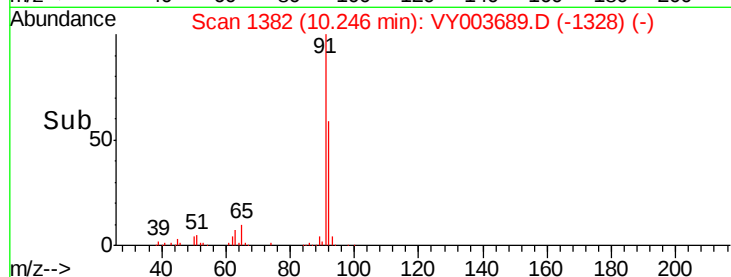
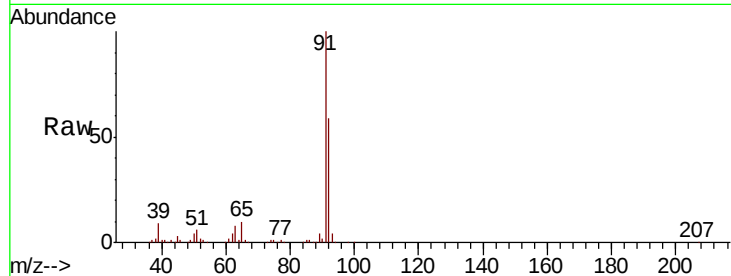
VSTD02589

Tot Ion: 91 Resp: 351331

Ion Ratio Lower Upper

91 100

92 59.2 39.8 73.8



#45

trans-1,3-Dichloropropene

Concen: 26.865 ug/L

RT: 10.47 min Scan# 1418

Delta R.T. 0.00 min

Lab File: VY003689.D

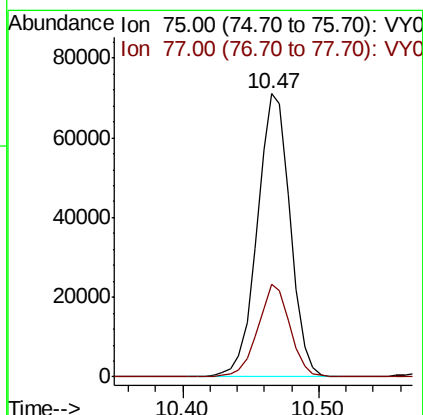
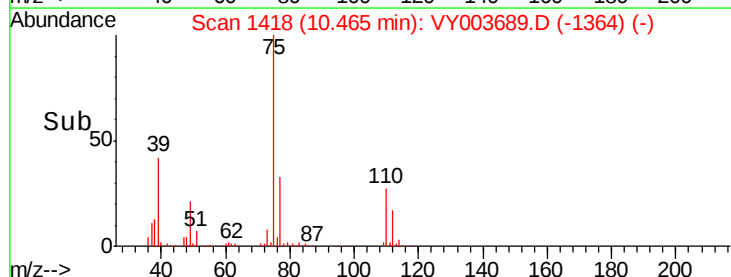
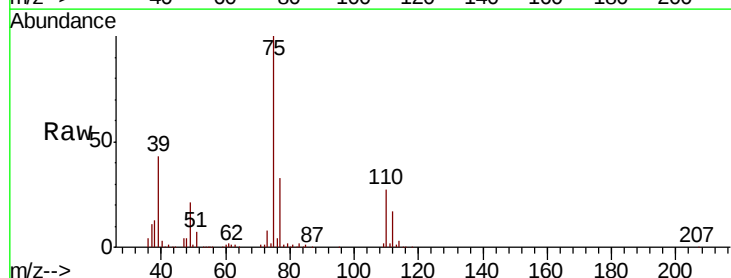
Acq: 08 Dec 2020 20:31

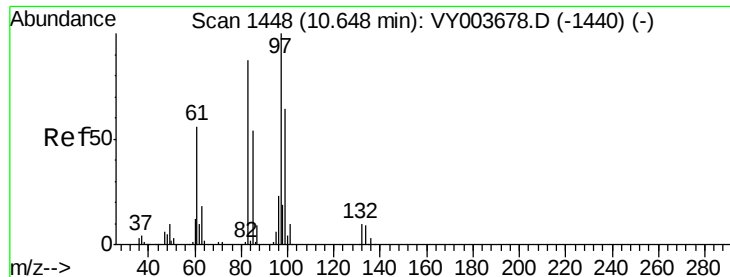
Tgt Ion: 75 Resp: 120668

Ion Ratio Lower Upper

75 100

77 32.8 22.0 40.8

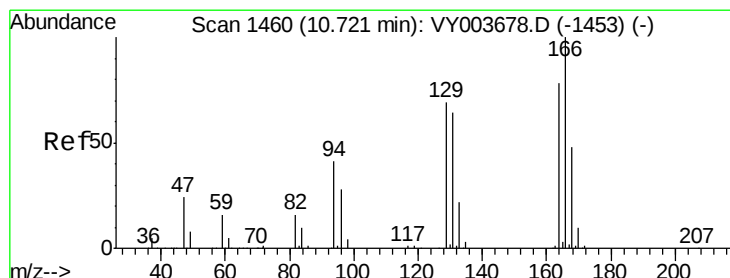
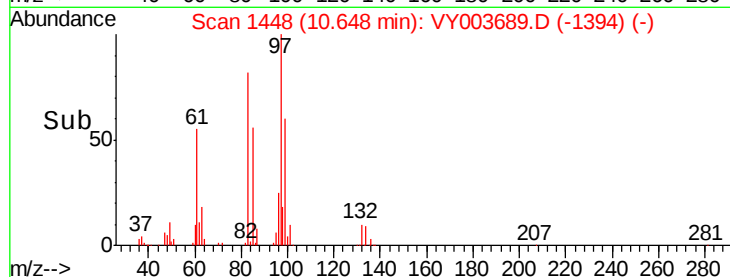
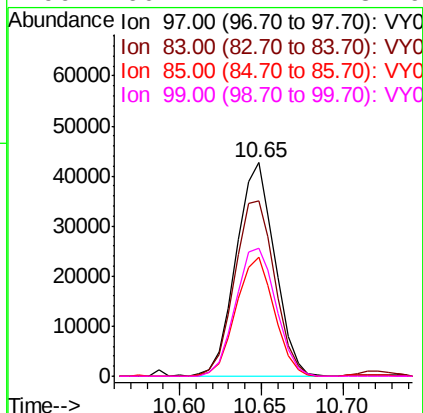
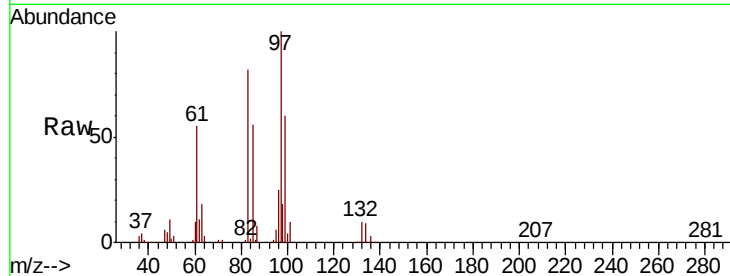




#46
 1,1,2-Trichloroethane
 Concen: 26.369 ug/L
 RT: 10.65 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: VY003689.D
 Acq: 08 Dec 2020 20:31

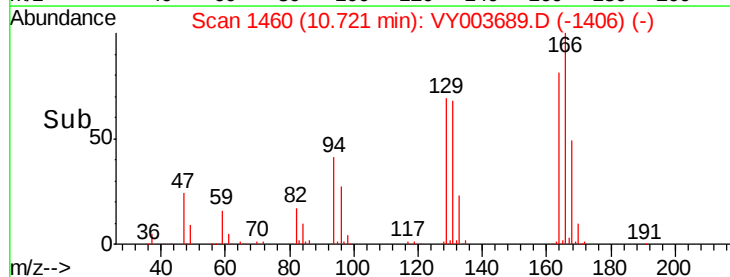
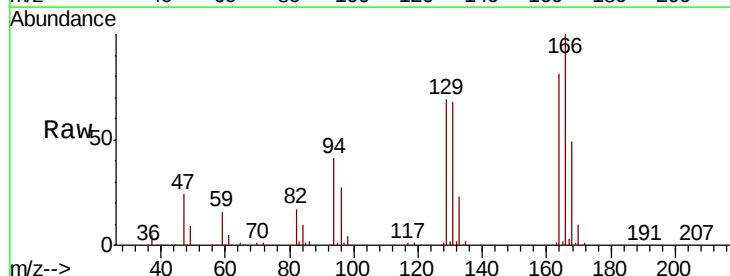
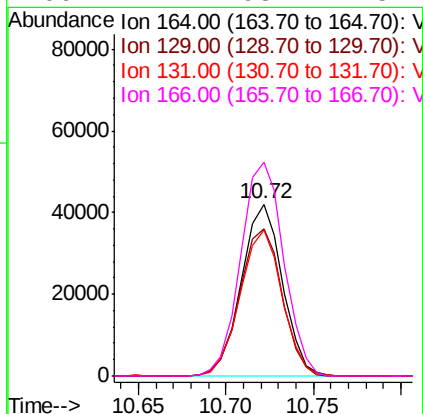
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02589

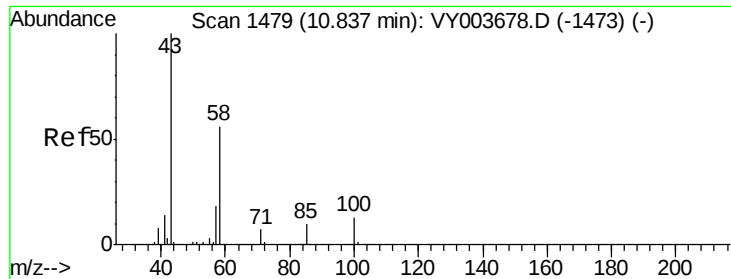
Tot Ion: 97 Resp: 70384
 Ion Ratio Lower Upper
 97 100
 83 82.0 59.6 110.8
 85 55.9 40.2 74.6
 99 60.1 44.7 82.9



#47
 Tetrachloroethene
 Concen: 26.053 ug/L
 RT: 10.72 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: VY003689.D
 Acq: 08 Dec 2020 20:31

Tgt Ion: 164 Resp: 68761
 Ion Ratio Lower Upper
 164 100
 129 85.4 59.6 110.6
 131 85.0 57.9 107.5
 166 124.2 93.2 173.2

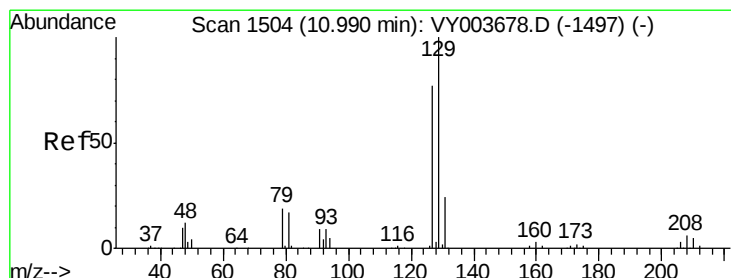
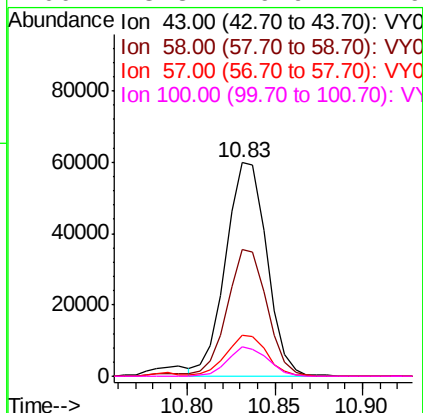
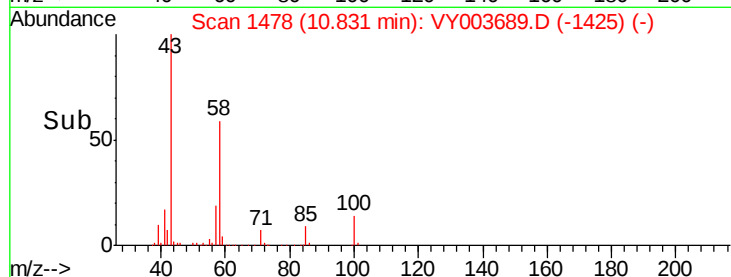
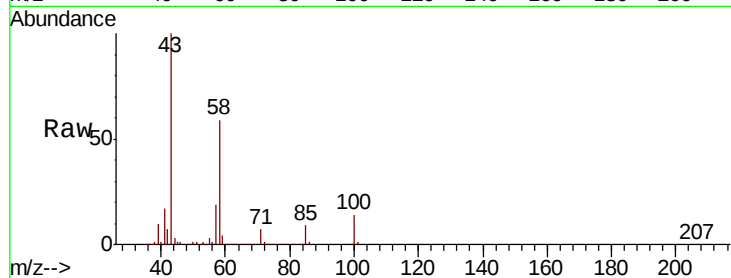




#49
2-Hexanone
Concen: 47.930 ug/L
RT: 10.83 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VY003689.D
Acq: 08 Dec 2020 20:31

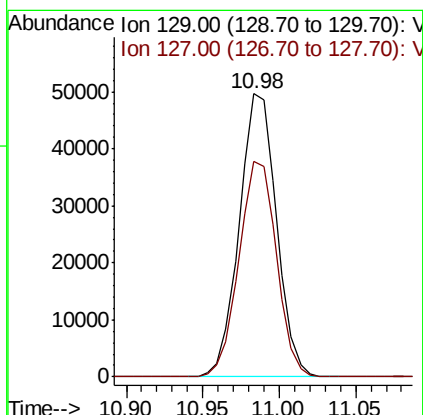
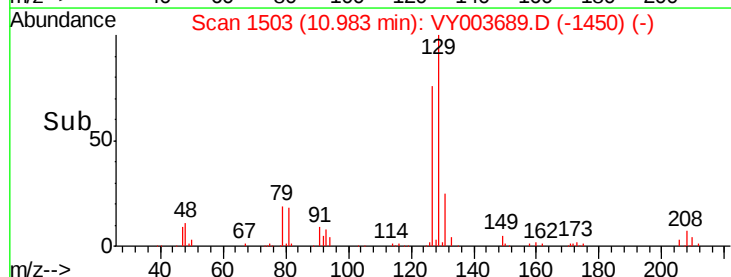
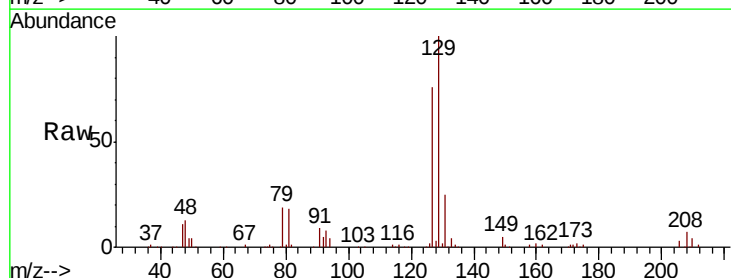
Instrument :
MSVOA_Y
ClientSampleId :
VSTD02589

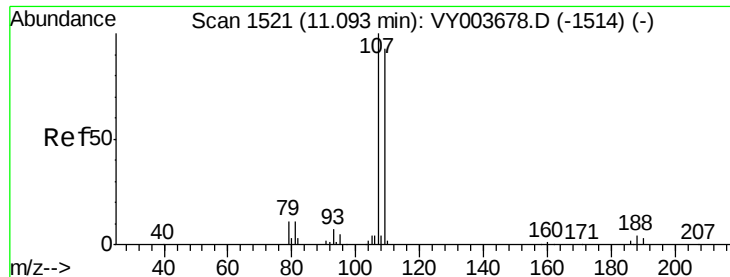
Tot Ion:	43	Resp:	97954
Ion	Ratio	Lower	Upper
43	100		
58	57.4	44.8	67.2
57	19.0	14.8	22.2
100	13.3	9.9	14.9



#50
Dibromochloromethane
Concen: 26.853 ug/L
RT: 10.98 min Scan# 1503
Delta R.T. -0.01 min
Lab File: VY003689.D
Acq: 08 Dec 2020 20:31

Tgt Ion:	129	Resp:	83881
Ion	Ratio	Lower	Upper
129	100		
127	76.0	54.8	101.8

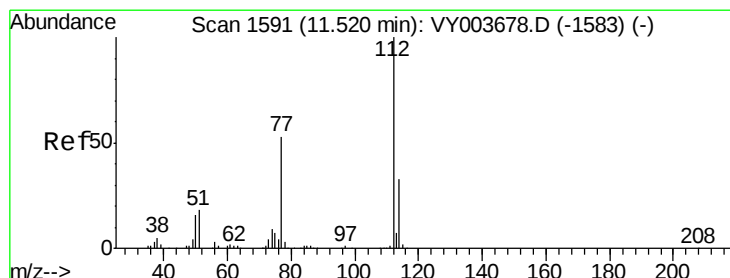
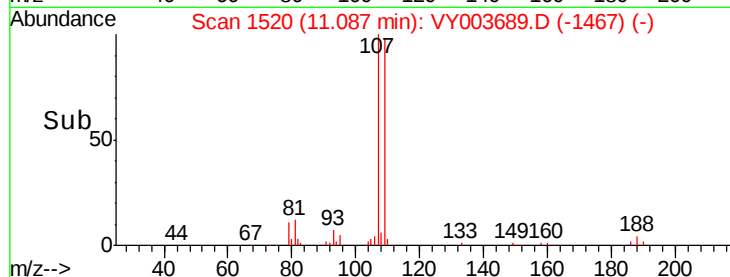
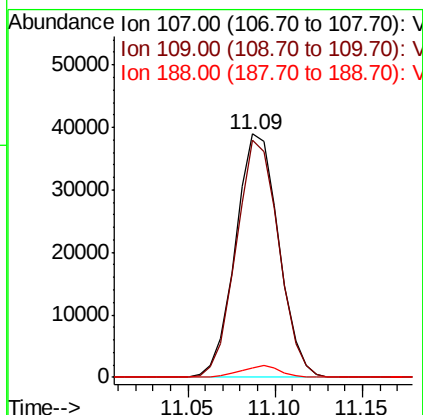
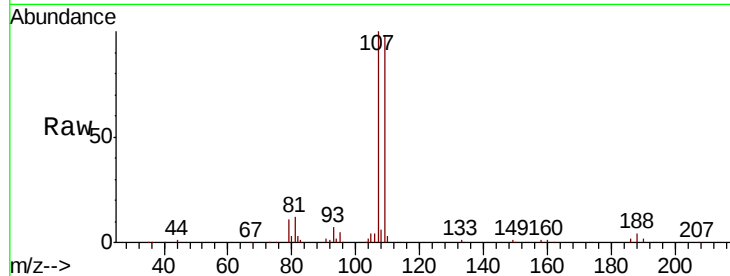




#51
 1,2-Dibromoethane
 Concen: 25.931 ug/L
 RT: 11.09 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: VY003689.D
 Acq: 08 Dec 2020 20:31

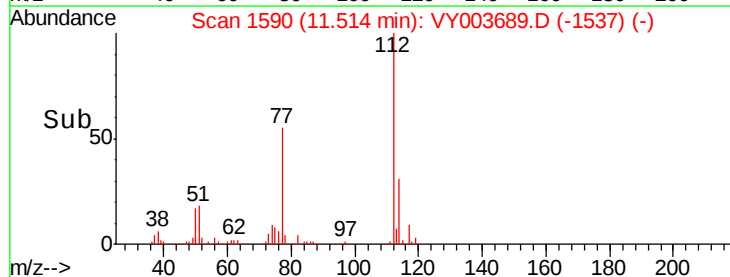
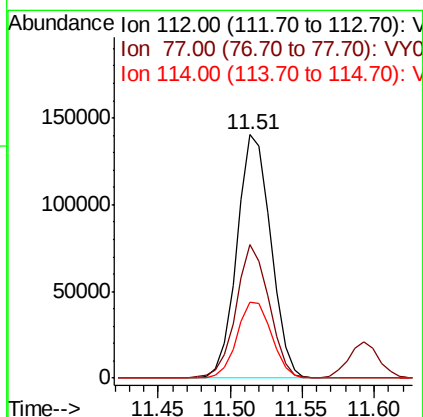
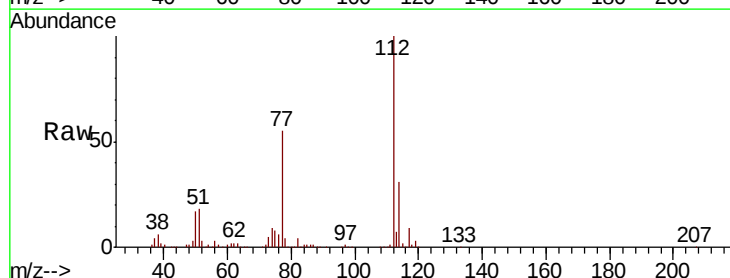
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02589

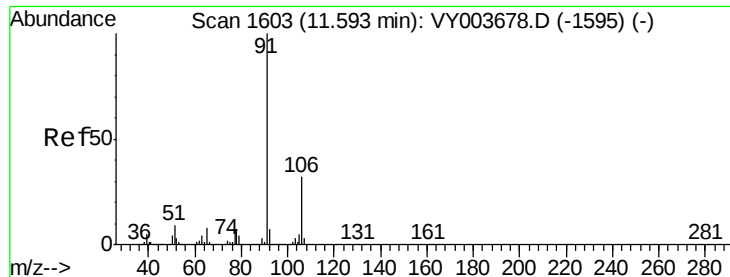
Tot Ion:107 Resp: 66972
 Ion Ratio Lower Upper
 107 100
 109 97.5 65.2 121.0
 188 3.7 3.0 4.6



#52
 Chlorobenzene
 Concen: 26.769 ug/L
 RT: 11.51 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: VY003689.D
 Acq: 08 Dec 2020 20:31

Tgt Ion:112 Resp: 229389
 Ion Ratio Lower Upper
 112 100
 77 54.8 44.4 66.6
 114 31.3 22.4 41.6





#53

Ethylbenzene

Concen: 26.926 ug/L

RT: 11.59 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

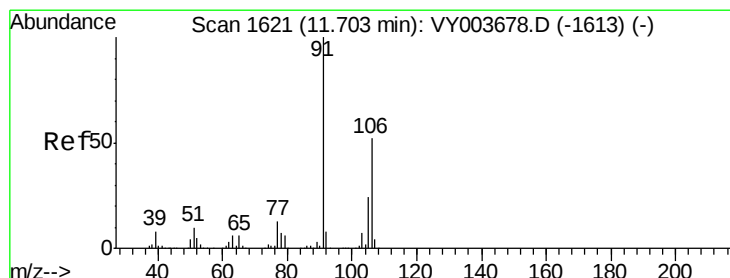
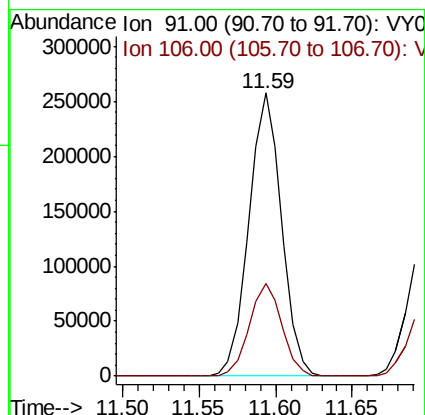
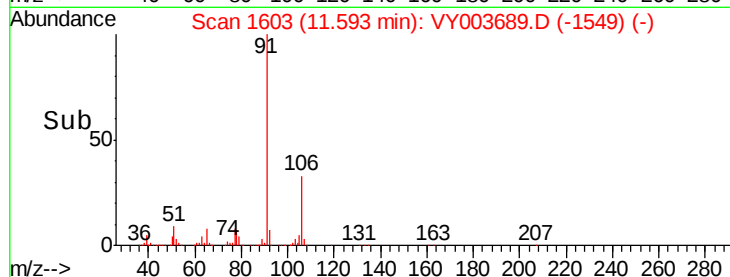
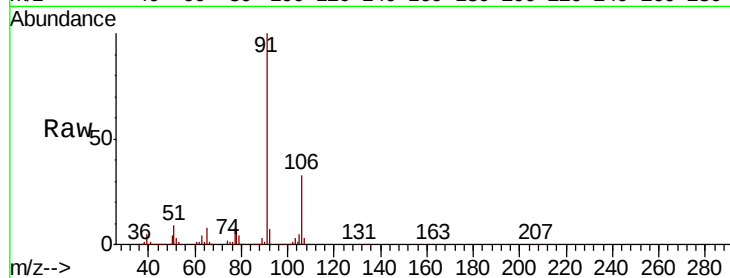
VSTD02589

Tot Ion: 91 Resp: 382639

Ion Ratio Lower Upper

91 100

106 33.0 23.3 43.3



#54

m,p-Xylene

Concen: 27.358 ug/L

RT: 11.70 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VY003689.D

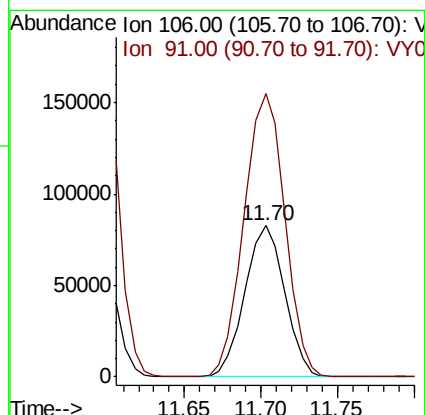
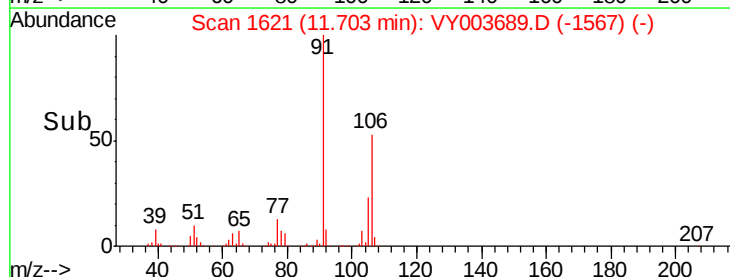
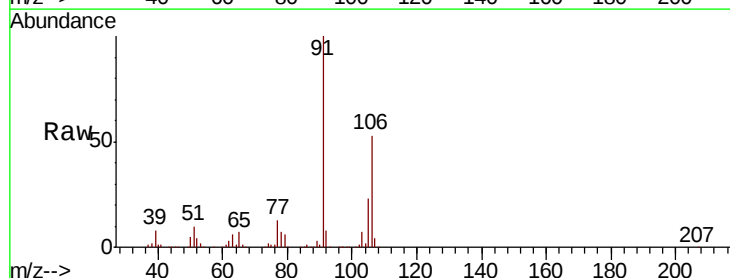
Acq: 08 Dec 2020 20:31

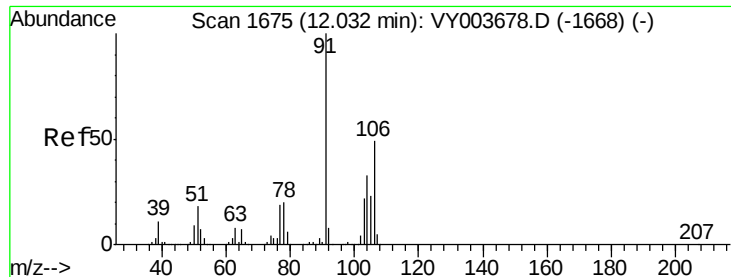
Tgt Ion: 106 Resp: 149975

Ion Ratio Lower Upper

106 100

91 187.6 131.3 243.9





#55

o-xylene

Concen: 27.488 ug/L

RT: 12.03 min Scan# 1675

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

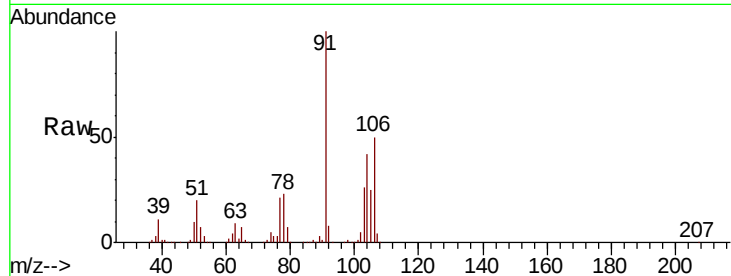
VSTD02589

Tot Ion:106 Resp: 144570

Ion Ratio Lower Upper

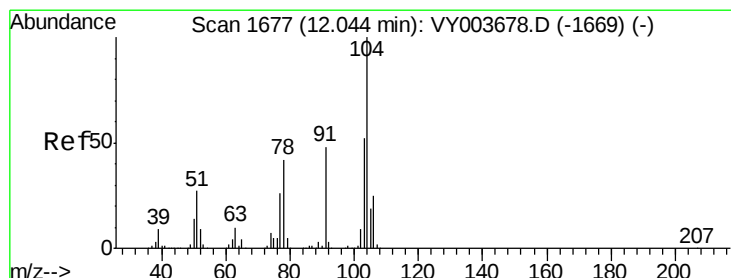
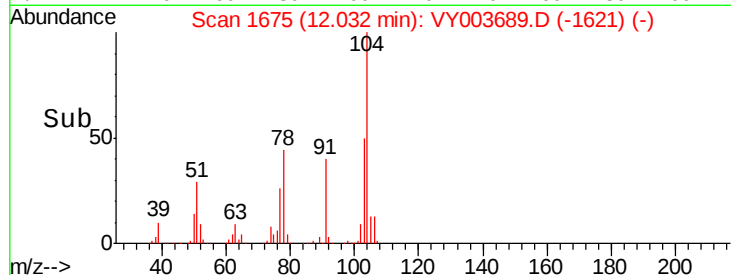
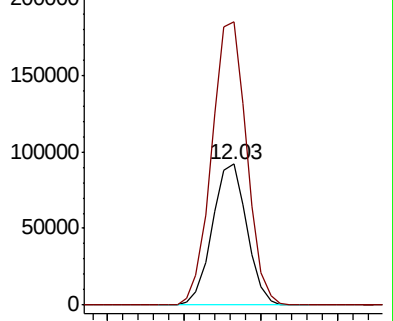
106 100

91 200.7 141.7 263.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#56

Styrene

Concen: 28.027 ug/L

RT: 12.04 min Scan# 1677

Delta R.T. 0.00 min

Lab File: VY003689.D

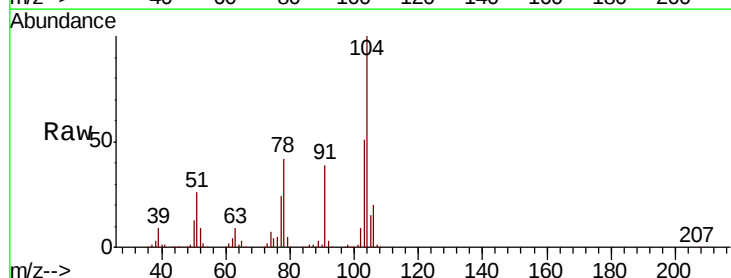
Acq: 08 Dec 2020 20:31

Tgt Ion:104 Resp: 252290

Ion Ratio Lower Upper

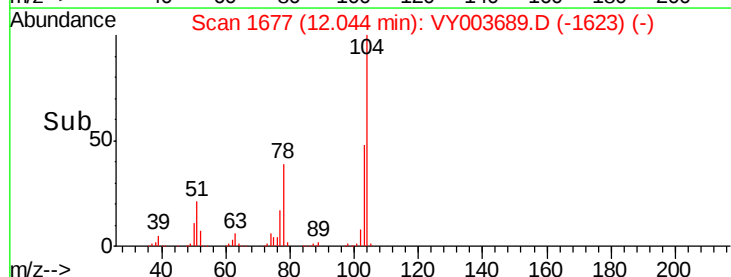
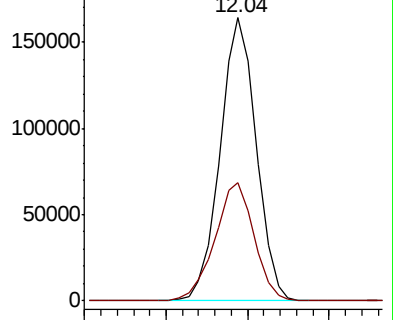
104 100

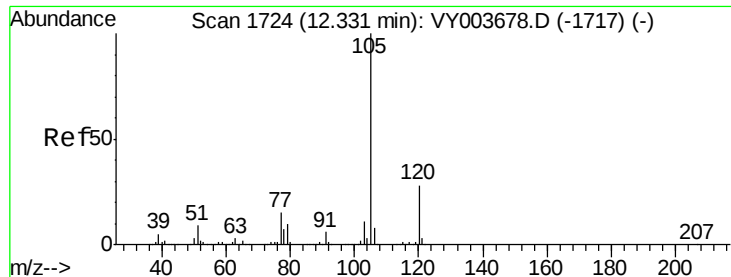
78 41.7 28.1 52.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0





#57

Isopropylbenzene

Concen: 27.740 ug/L

RT: 12.33 min Scan# 1724

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTD02589

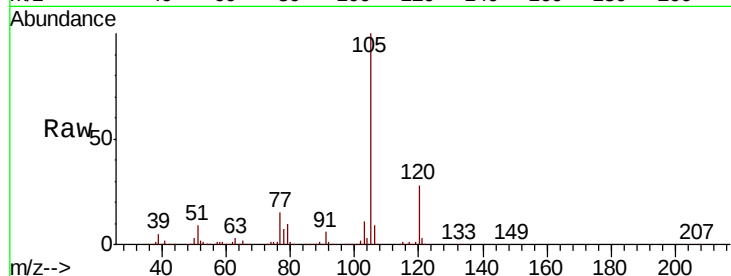
Tot Ion:105 Resp: 381436

Ion Ratio Lower Upper

105 100

120 27.4 22.3 33.5

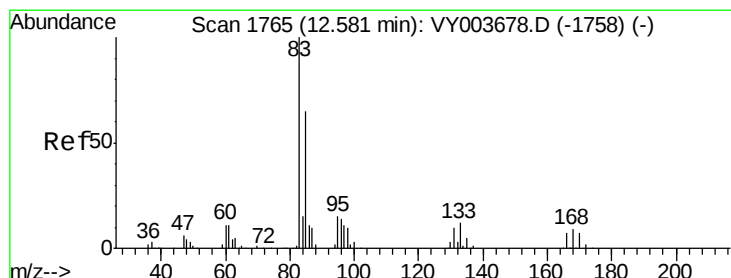
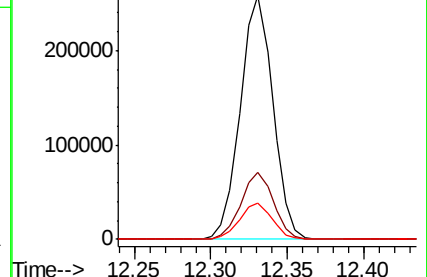
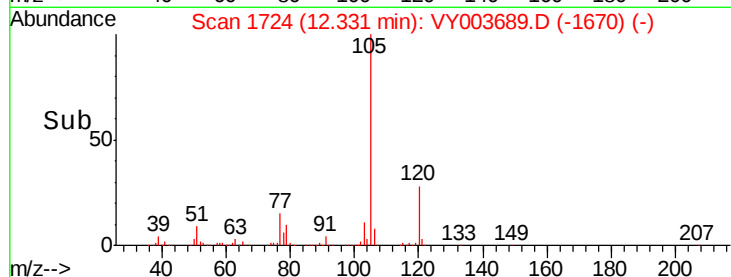
77 14.7 11.9 17.9



Abundance Ion 105.00 (104.70 to 105.70): VY003678.D (-1717) (-)

Ion 120.00 (119.70 to 120.70): VY003678.D (-1717) (-)

Ion 77.00 (76.70 to 77.70): VY003678.D (-1717) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 28.387 ug/L

RT: 12.58 min Scan# 1765

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

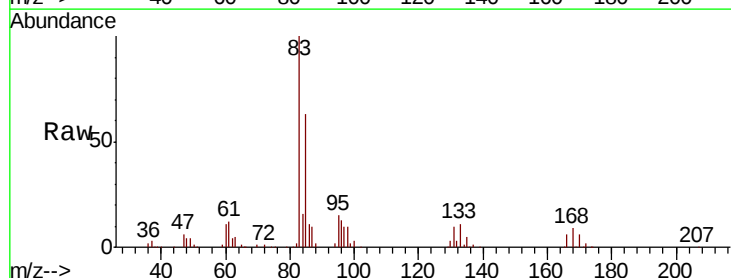
Tgt Ion: 83 Resp: 81235

Ion Ratio Lower Upper

83 100

85 62.9 47.2 87.6

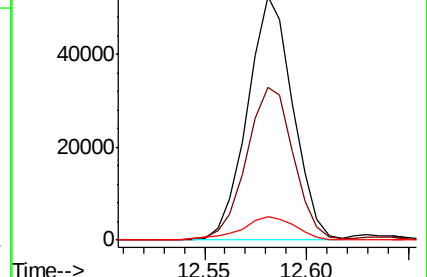
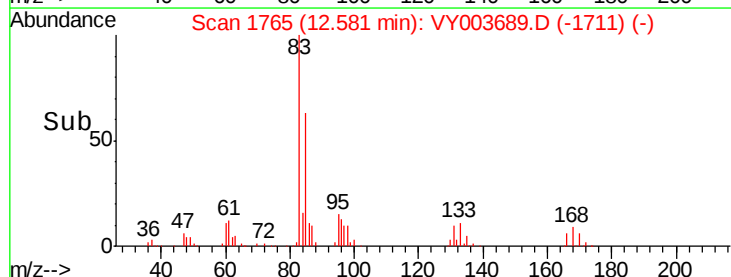
131 9.6 8.4 12.6

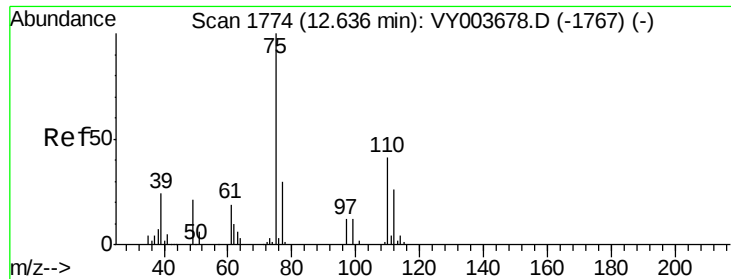


Abundance Ion 83.00 (82.70 to 83.70): VY003678.D (-1758) (-)

Ion 85.00 (84.70 to 85.70): VY003678.D (-1758) (-)

Ion 131.00 (130.70 to 131.70): VY003678.D (-1758) (-)





#59

1,2,3-Trichloropropane

Concen: 25.551 ug/L

RT: 12.64 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

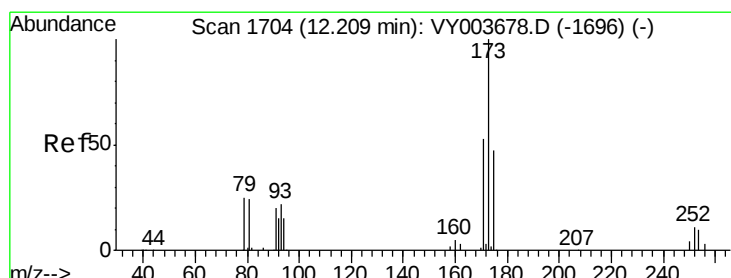
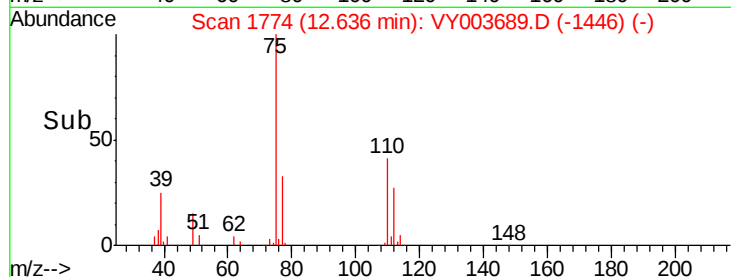
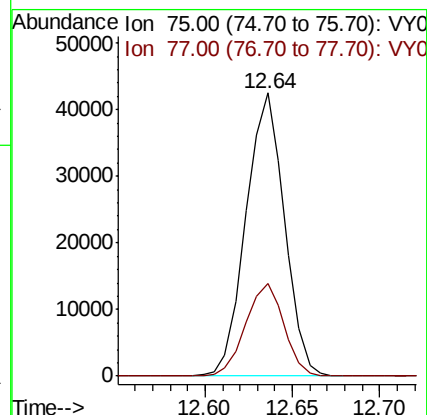
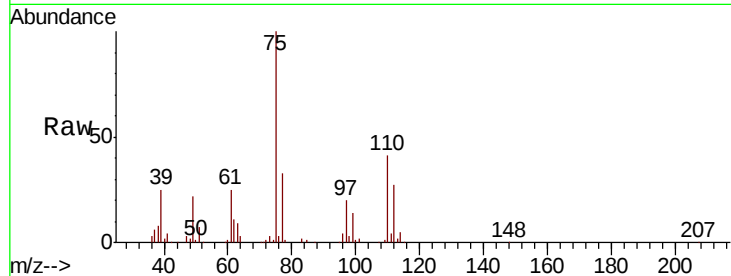
VSTD02589

Tot Ion: 75 Resp: 65372

Ion Ratio Lower Upper

75 100

77 32.8 25.9 38.9



#62

Bromoform

Concen: 27.054 ug/L

RT: 12.21 min Scan# 1704

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

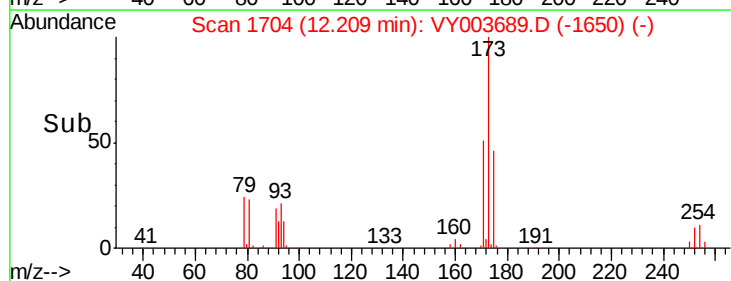
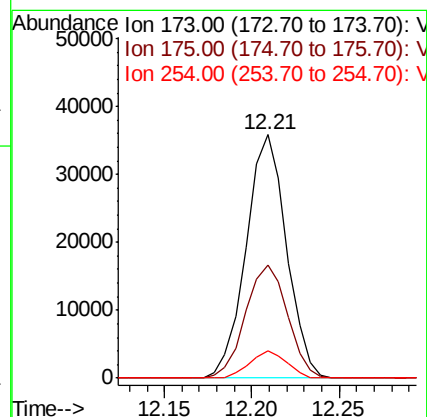
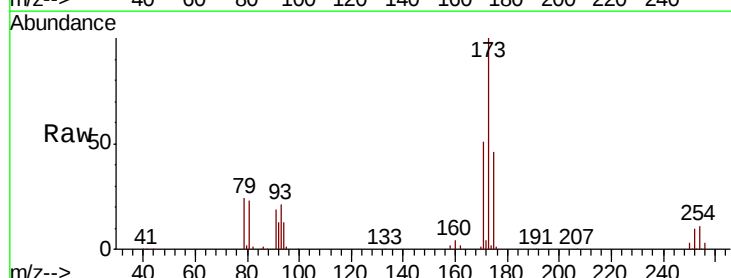
Tgt Ion: 173 Resp: 57621

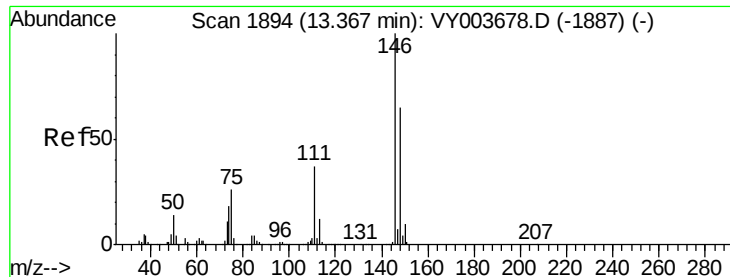
Ion Ratio Lower Upper

173 100

175 48.3 39.1 58.7

254 10.2 7.7 11.5





#63

1,3-Dichlorobenzene

Concen: 27.704 ug/L

RT: 13.37 min Scan# 1894

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTD02589

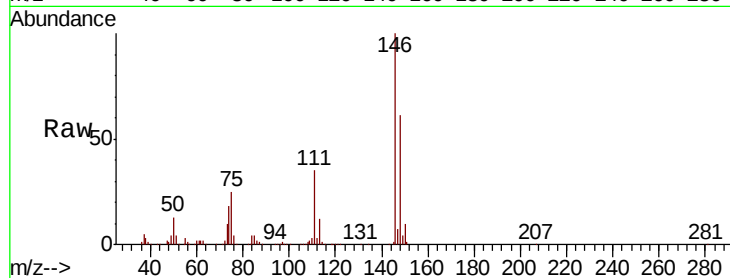
Tot Ion:146 Resp: 185881

Ion Ratio Lower Upper

146 100

111 35.2 26.0 48.4

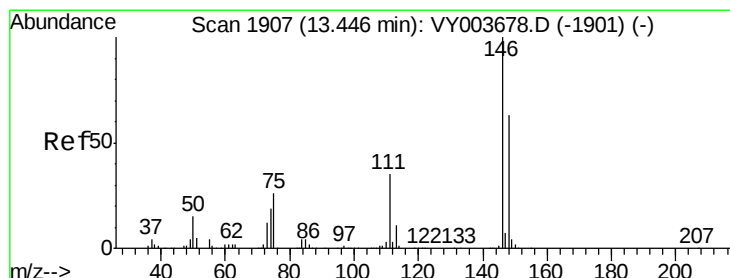
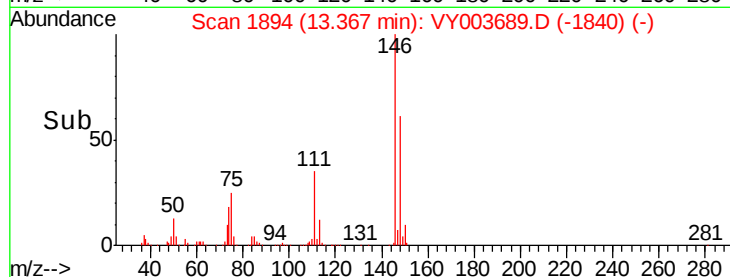
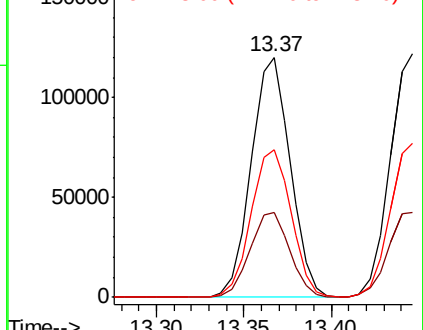
148 61.3 43.7 81.1



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: 27.303 ug/L

RT: 13.45 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

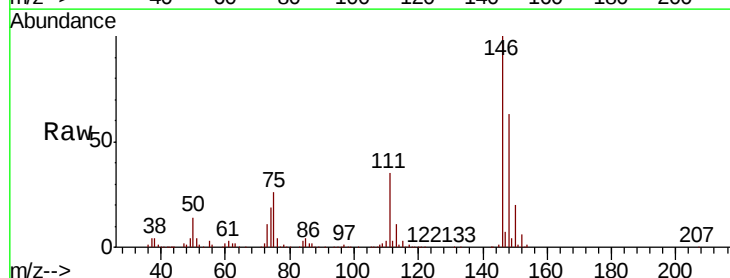
Tgt Ion:146 Resp: 186233

Ion Ratio Lower Upper

146 100

111 34.9 23.2 43.0

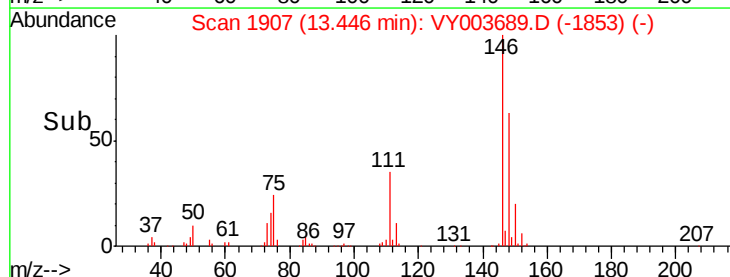
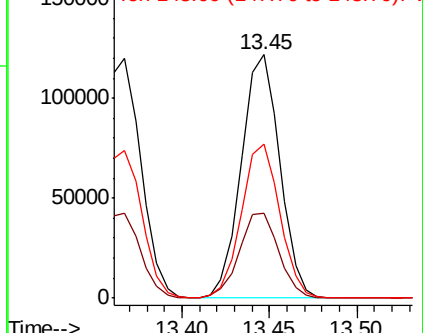
148 63.3 43.8 81.4

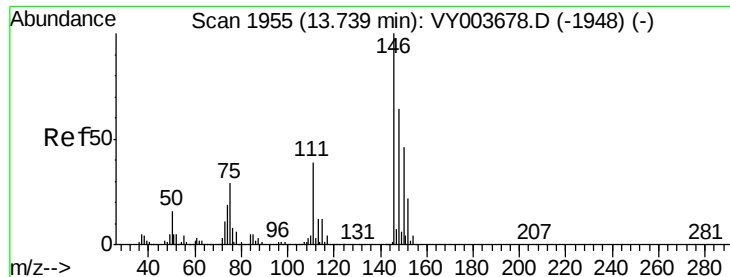


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

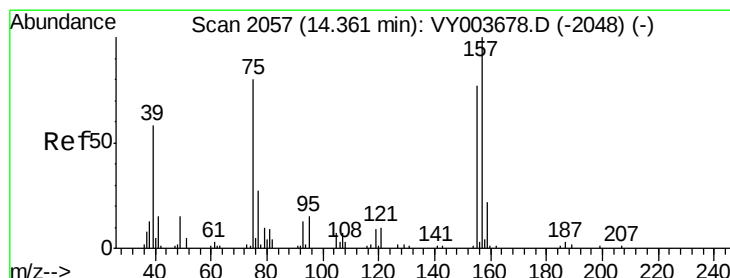
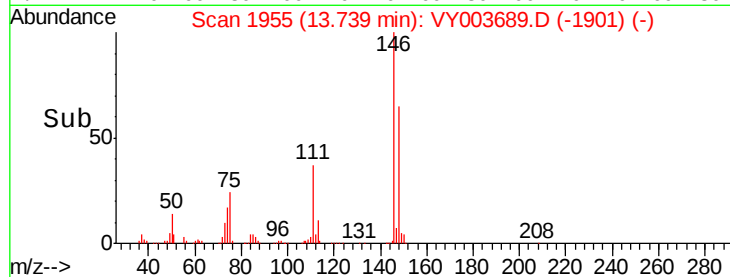
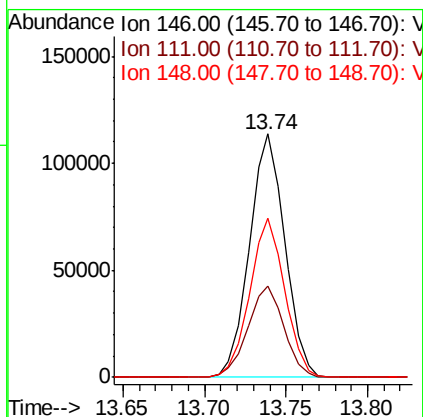
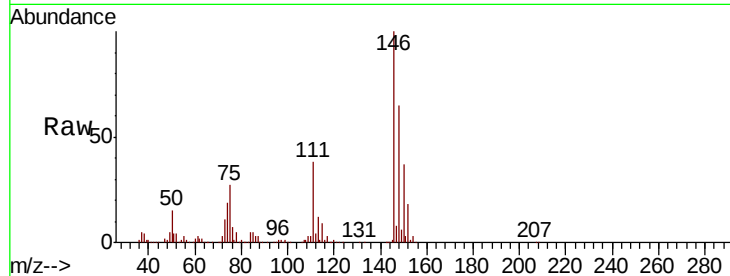




#65
 1,2-Dichlorobenzene
 Concen: 27.923 ug/L
 RT: 13.74 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VY003689.D
 Acq: 08 Dec 2020 20:31

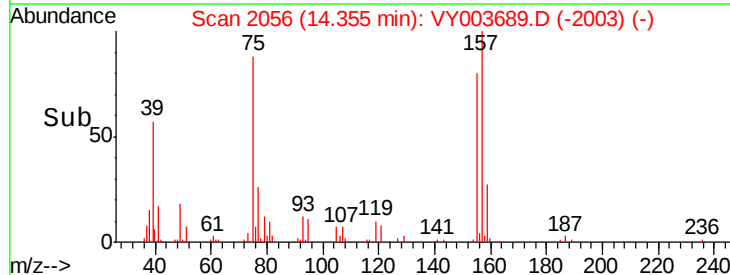
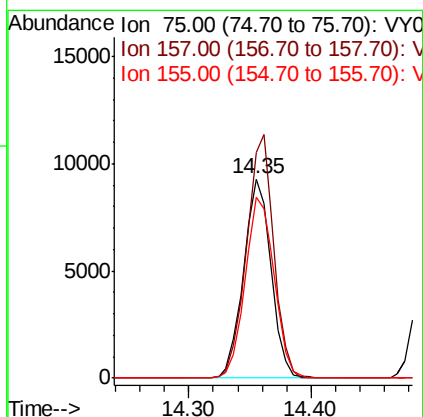
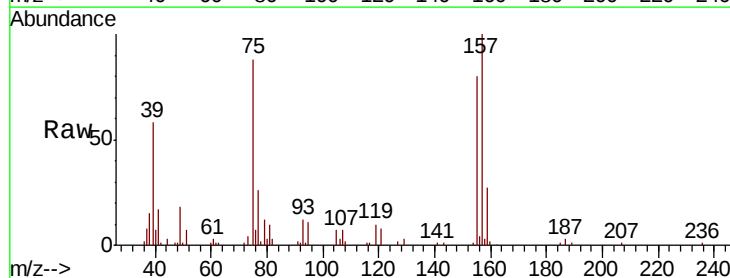
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02589

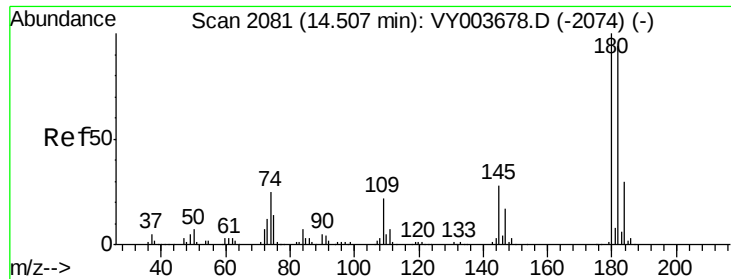
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	30.0	45.0
148	65.5	51.8	77.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 25.281 ug/L
 RT: 14.35 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: VY003689.D
 Acq: 08 Dec 2020 20:31

Tgt Ion	Ratio	Lower	Upper
75	100		
157	113.2	101.3	151.9
155	90.7	76.2	114.4

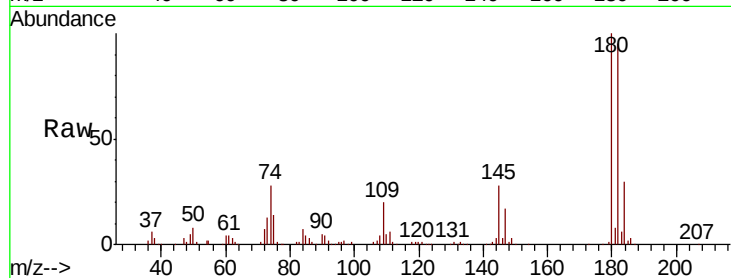




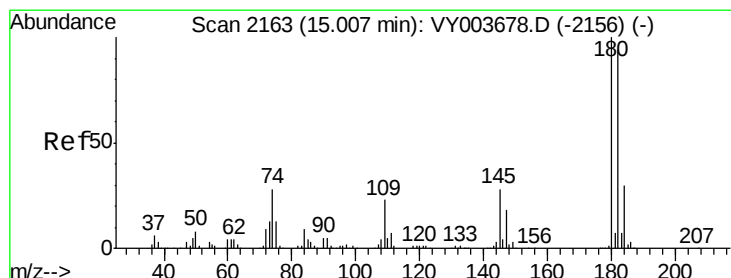
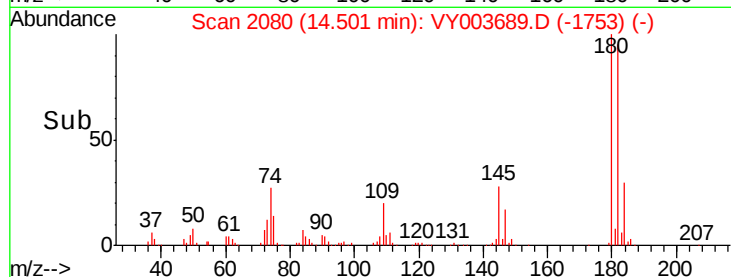
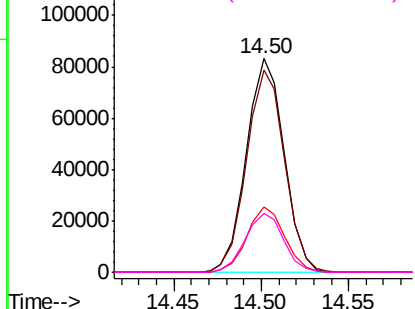
#67
 1,3,5-Trichlorobenzene
 Concen: 26.499 ug/L
 RT: 14.50 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: VY003689.D
 Acq: 08 Dec 2020 20:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02589

Tot Ion:180	Resp:	125698
Ion Ratio	Lower	Upper
180	100	
182	95.4	76.0 114.0
184	30.3	24.2 36.2
145	27.9	22.2 33.2

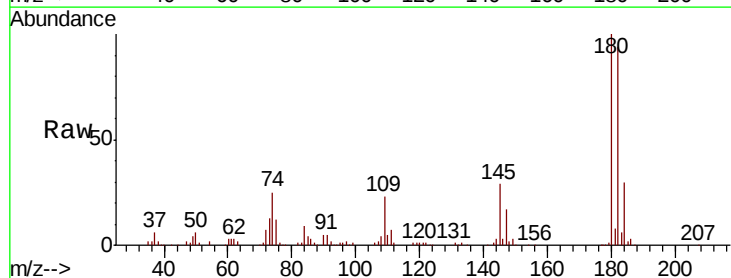


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

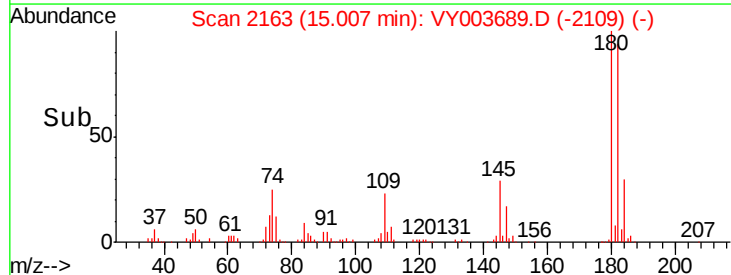
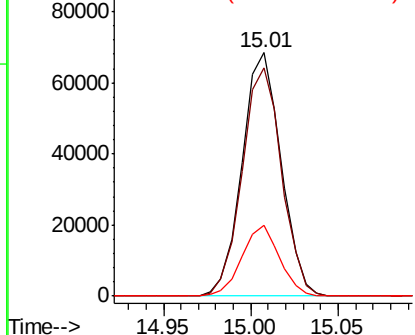


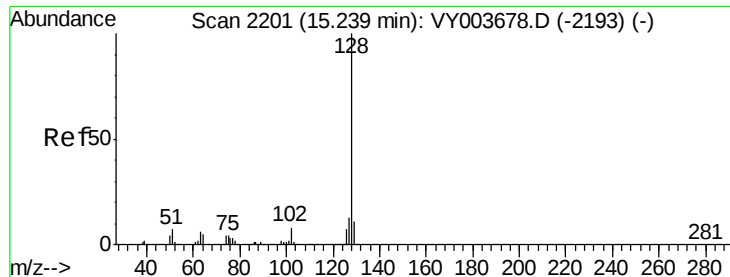
#68
 1,2,4-trichlorobenzene
 Concen: 26.184 ug/L
 RT: 15.01 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: VY003689.D
 Acq: 08 Dec 2020 20:31

Tgt Ion:180	Resp:	105957
Ion Ratio	Lower	Upper
180	100	
182	95.1	76.5 114.7
145	28.1	22.2 33.4



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: 26.104 ug/L

RT: 15.24 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTD02589

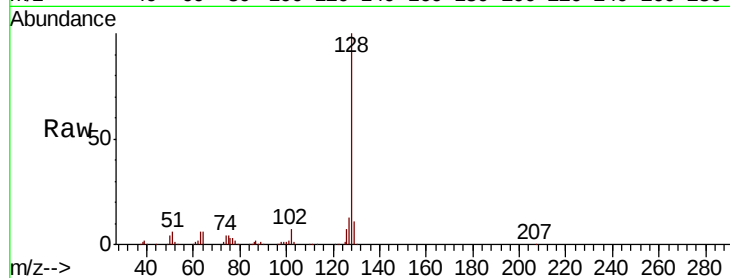
Tot Ion:128 Resp: 221554

Ion Ratio Lower Upper

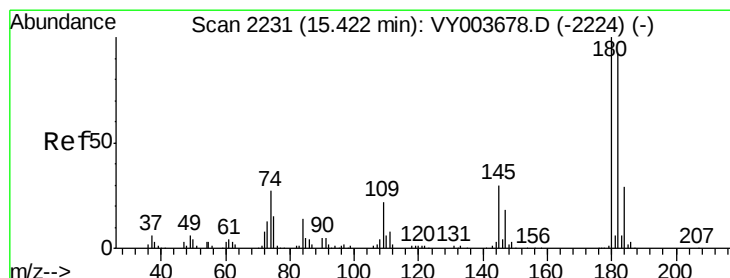
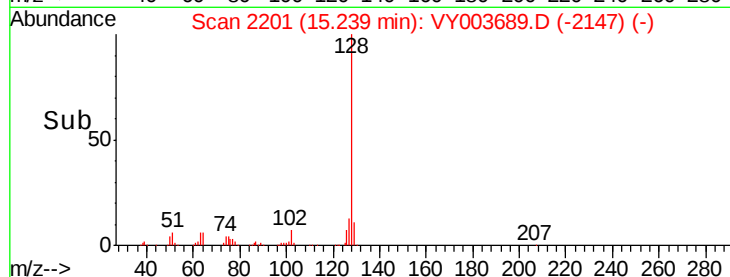
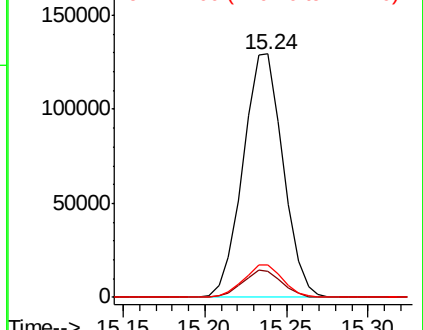
128 100

129 10.9 8.7 13.1

127 13.0 10.2 15.4



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: 26.640 ug/L

RT: 15.42 min Scan# 2231

Delta R.T. 0.00 min

Lab File: VY003689.D

Acq: 08 Dec 2020 20:31

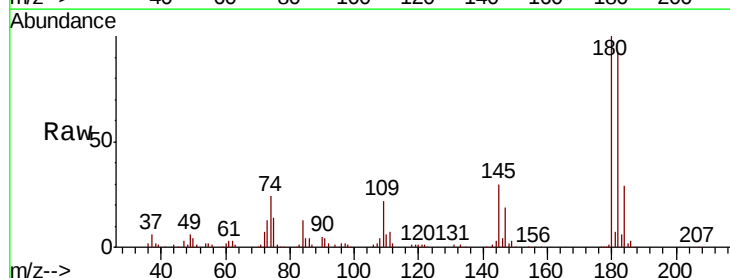
Tgt Ion:180 Resp: 98473

Ion Ratio Lower Upper

180 100

182 92.8 76.9 115.3

145 28.9 24.2 36.4



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

