

Data File : VY003595.D
Acq On : 23 Nov 2020 16:14
Operator : SY/MD
Sample : L4485-02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTD02586

Quant Time: Nov 24 07:19:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL112320SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 23 12:08:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	211174	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	197062	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	92897	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	72138	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.84%
7) Chloroethane-d5	2.77	69	55942	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
11) 1,1-Dichloroethene-d2	3.85	63	117353	18.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.32%
21) 2-Butanone-d5	6.90	46	61680	48.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.78%
24) Chloroform-d	7.48	84	142054	23.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	8.14	65	80430	24.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.32%
32) Benzene-d6	8.11	84	308023	24.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.28%
36) 1,2-Dichloropropane-d6	9.12	67	91359	23.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.92%
41) Toluene-d8	10.17	98	273609	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.32%
43) trans-1,3-Dichloropropene-	10.44	79	42926	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.00%
47) 2-Hexanone-d5	10.78	63	47489	49.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.14%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	80050	24.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.28%
66) 1,2-Dichlorobenzene-d4	13.72	152	85911	26.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.68%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	1066	0.944 ug/L #	84
3) Chloromethane	2.11	50	3123	1.462 ug/L #	76
5) Vinyl chloride	2.25	62	4051	1.346 ug/L #	27
6) Bromomethane	2.66	94	2647	1.202 ug/L	93
9) Trichlorofluoromethane	3.13	101	2720	1.238 ug/L	91
12) 1,1-Dichloroethene	3.87	96	4555	1.486 ug/L #	1
13) Acetone	3.96	43	2967	3.488 ug/L	75
14) Carbon disulfide	4.20	76	12400	1.273 ug/L	97
16) Methylene chloride	4.71	84	15327	3.711 ug/L	96
17) trans-1,2-Dichloroethene	5.22	96	4156	1.280 ug/L	95
18) Methyl tert-butyl Ether	5.22	73	5932	1.228 ug/L #	71
19) 1,1-Dichloroethane	6.02	63	7077	1.282 ug/L #	91
20) cis-1,2-Dichloroethene	6.98	96	2030	0.600 ug/L	90
22) 2-Butanone	7.00	43	4979	3.448 ug/L #	68
23) Bromochloromethane	7.34	128	2029	1.248 ug/L	85
27) 1,2-Dichloroethane	8.24	62	4878	1.322 ug/L	100
29) Cyclohexane	7.78	56	5482	1.133 ug/L #	62

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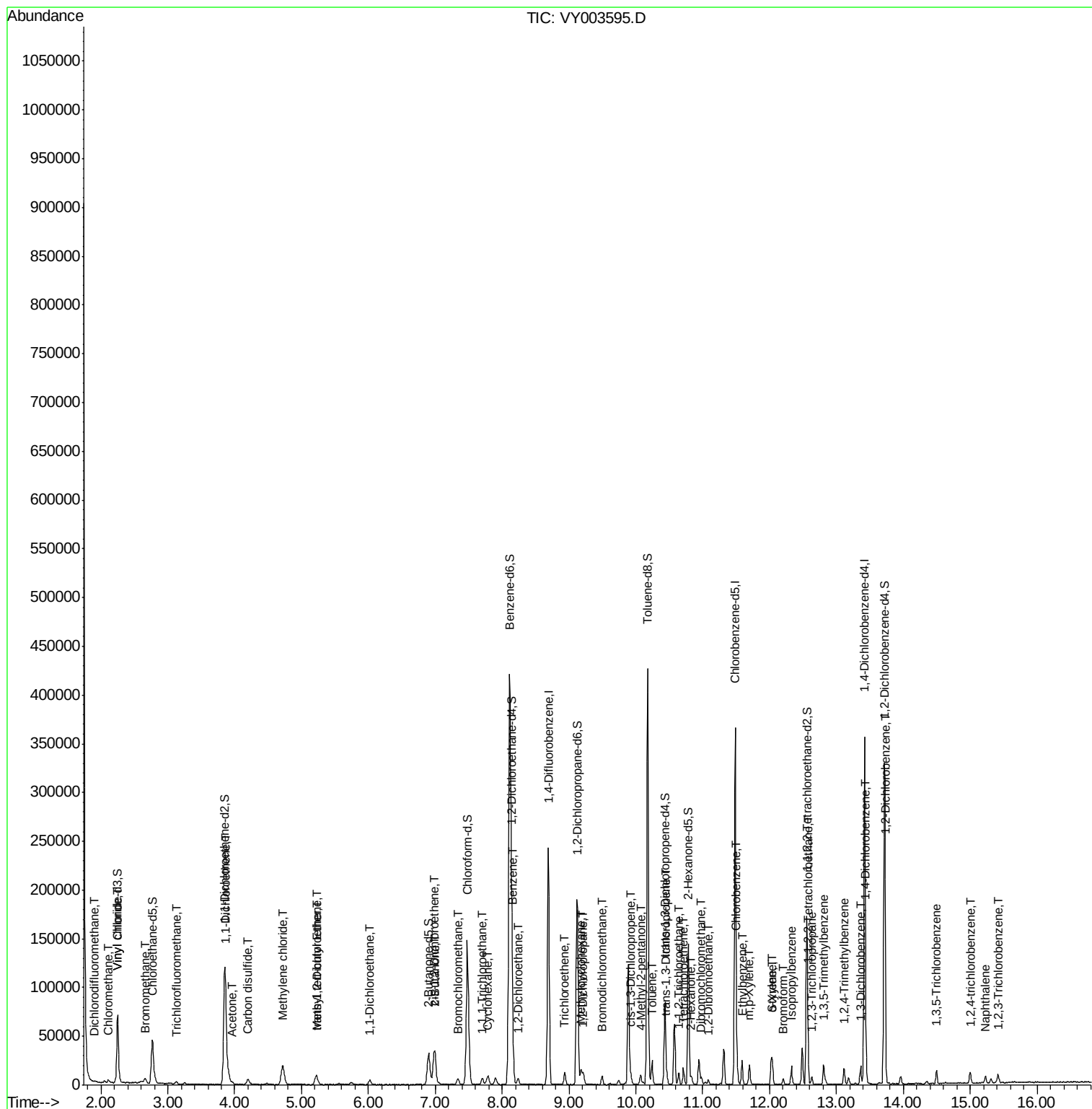
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.71	97	5253	1.233	ug/L	98
33) Benzene	8.16	78	15660	1.211	ug/L	100
34) Trichloroethene	8.94	95	4091	1.276	ug/L	86
35) Methylcyclohexane	9.18	83	5787	1.149	ug/L	94
37) 1,2-Dichloropropane	9.22	63	4138	1.264	ug/L	98
38) Bromodichloromethane	9.50	83	5164	1.243	ug/L	95
39) cis-1,3-Dichloropropene	9.92	75	6163	1.218	ug/L	90
40) 4-Methyl-2-pentanone	10.07	43	6543	2.378	ug/L	97
42) Toluene	10.24	91	16700	1.229	ug/L	94
44) trans-1,3-Dichloropropene	10.46	75	7863	1.675	ug/L	94
45) 1,1,2-Trichloroethane	10.64	97	3370	1.272	ug/L	92
46) Tetrachloroethene	10.71	164	3272	1.164	ug/L	86
48) 2-Hexanone	10.83	43	4895	2.297	ug/L #	95
49) Dibromochloromethane	10.98	129	3754	1.208	ug/L	92
50) 1,2-Dibromoethane	11.08	107	2935	1.131	ug/L #	93
51) Chlorobenzene	11.51	112	11187	1.294	ug/L #	87
52) Ethylbenzene	11.59	91	16176	1.167	ug/L	96
53) m,p-Xylene	11.70	106	6429	1.202	ug/L	94
54) o-Xylene	12.03	106	5263	1.164	ug/L	91
55) Styrene	12.04	104	9253	1.046	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.58	83	4310	1.351	ug/L #	85
59) Bromoform	12.20	173	2368	1.198	ug/L	93
60) Isopropylbenzene	12.33	105	11148	1.189	ug/L #	97
61) 1,2,3-Trichloropropane	12.63	75	3140	1.391	ug/L	97
62) 1,3,5-Trimethylbenzene	12.81	105	8195	1.189	ug/L	97
63) 1,2,4-Trimethylbenzene	13.11	105	8712	1.192	ug/L	100
64) 1,3-Dichlorobenzene	13.36	146	7687	1.291	ug/L	89
65) 1,4-Dichlorobenzene	13.44	146	8237	1.329	ug/L	96
67) 1,2-Dichlorobenzene	13.73	146	6729	1.337	ug/L	94
69) 1,3,5-Trichlorobenzene	14.50	180	4003	1.246	ug/L #	91
70) 1,2,4-trichlorobenzene	15.00	180	3246	1.168	ug/L #	88
71) Naphthalene	15.23	128	5640	1.123	ug/L	98
72) 1,2,3-Trichlorobenzene	15.42	180	2496	1.188	ug/L	95

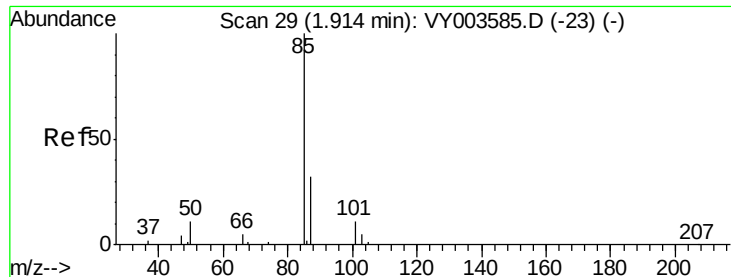
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#2

Dichlorodifluoromethane

Concen: 0.944 ug/L

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

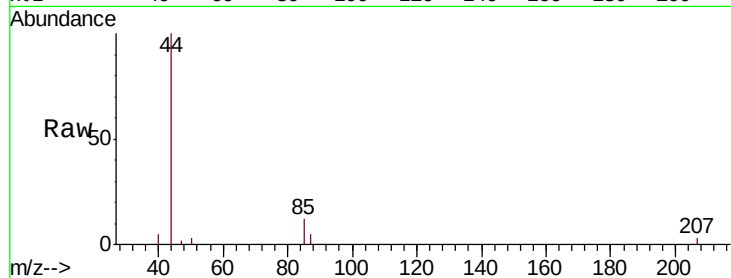
VSTD02586

Tgt Ion: 85 Resp: 1066

Ion Ratio Lower Upper

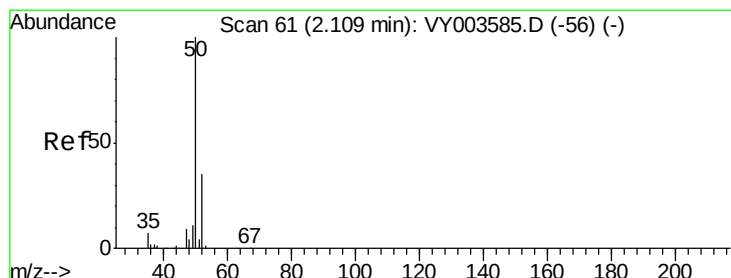
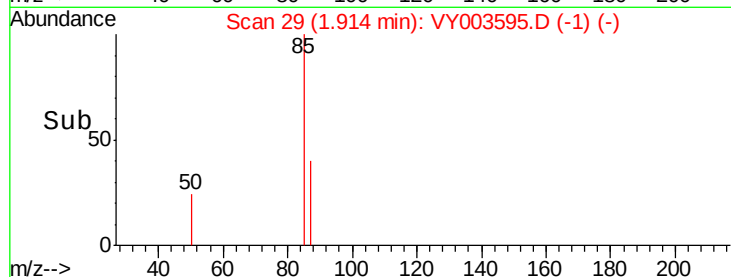
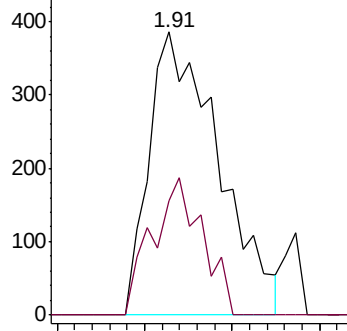
85 100

87 25.0 27.2 40.8#



Abundance Ion 85.00 (84.70 to 85.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#3

Chloromethane

Concen: 1.462 ug/L

RT: 2.11 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY003595.D

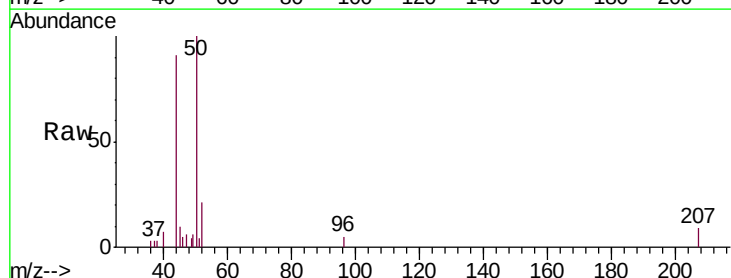
Acq: 23 Nov 2020 16:14

Tgt Ion: 50 Resp: 3123

Ion Ratio Lower Upper

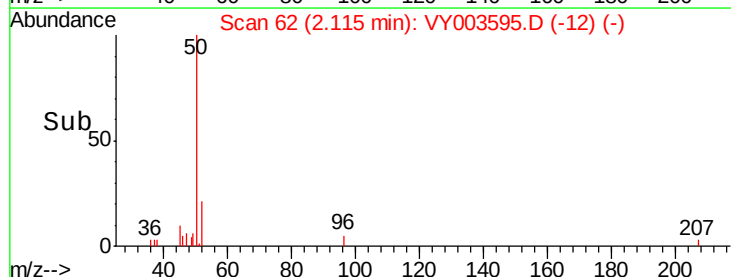
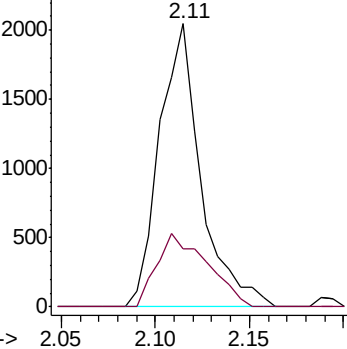
50 100

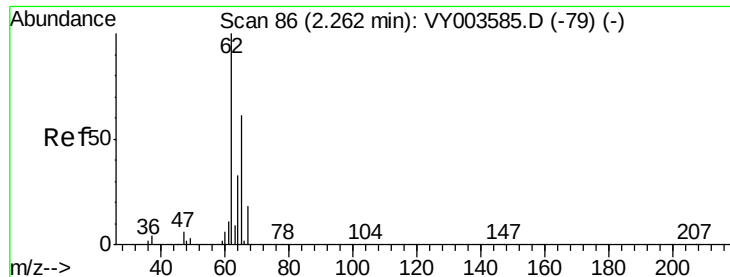
52 20.7 24.4 45.4#



Abundance Ion 50.00 (49.70 to 50.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#5

Vinyl chloride

Concen: 1.346 ug/L

RT: 2.25 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

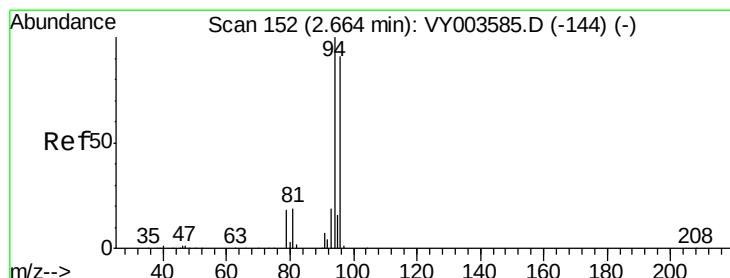
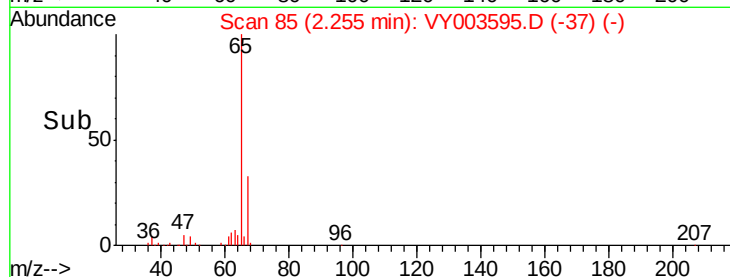
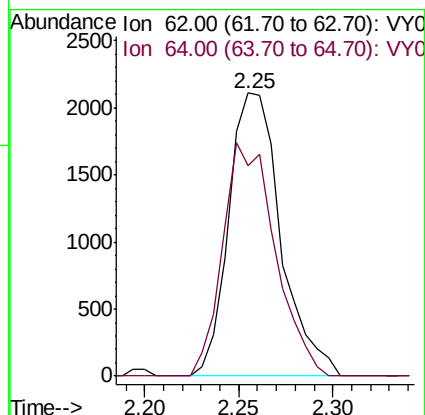
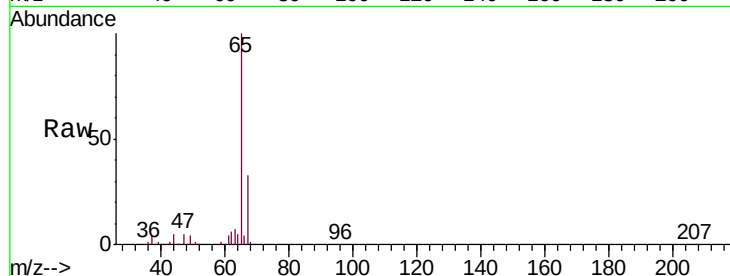
VSTD02586

Tgt Ion: 62 Resp: 4051

Ion Ratio Lower Upper

62 100

64 74.1 23.0 42.6#



#6

Bromomethane

Concen: 1.202 ug/L

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY003595.D

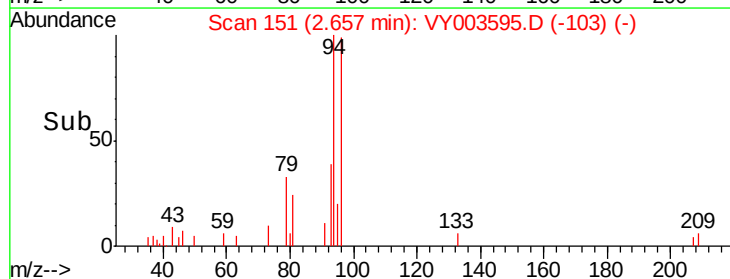
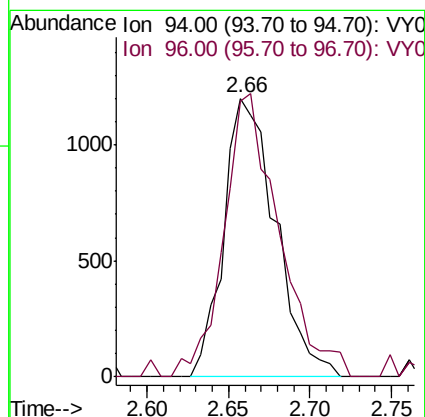
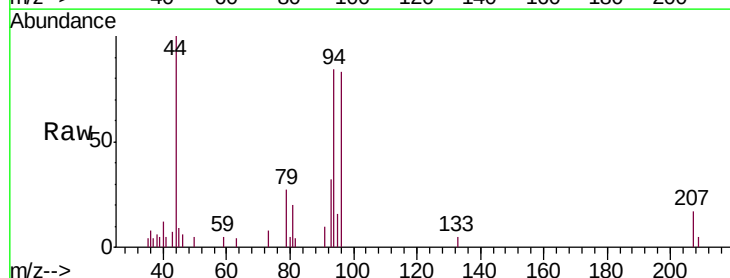
Acq: 23 Nov 2020 16:14

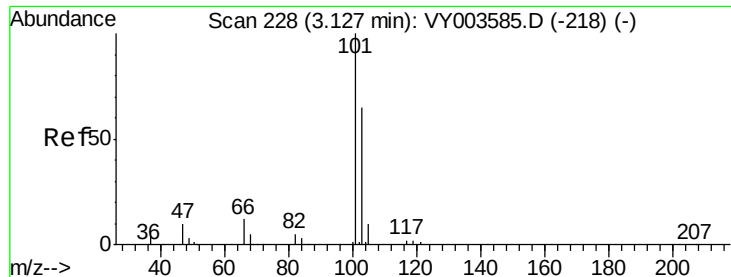
Tgt Ion: 94 Resp: 2647

Ion Ratio Lower Upper

94 100

96 98.8 64.5 119.7



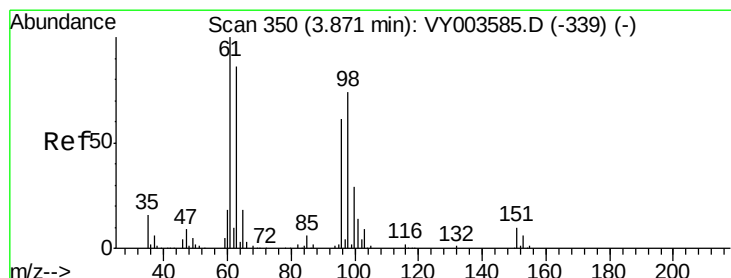
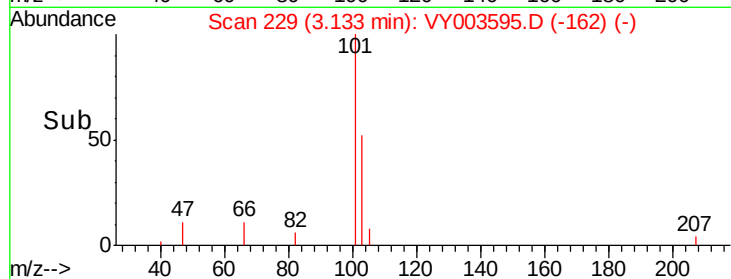
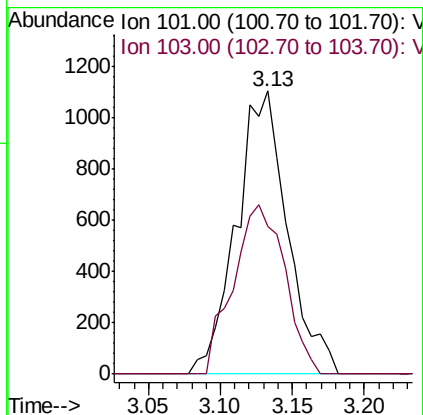
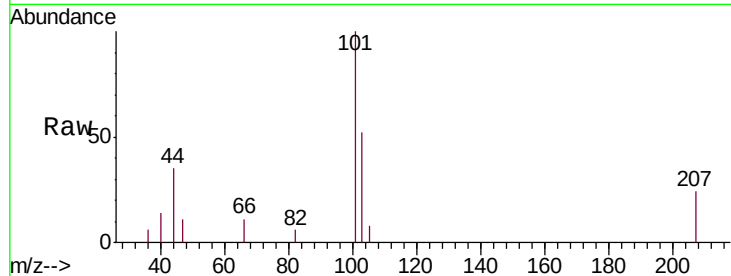


#9

Trichlorofluoromethane
Concen: 1.238 ug/L
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003595.D
Acq: 23 Nov 2020 16:14

Instrument :
MSVOA_Y
ClientSampleId :
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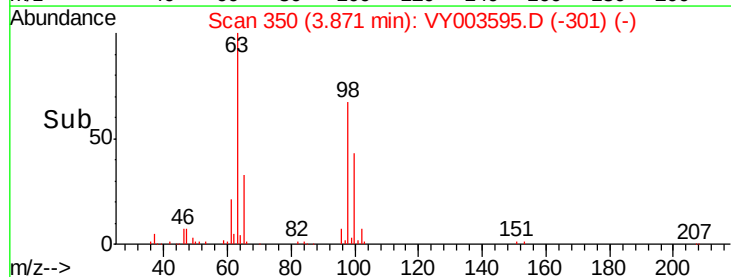
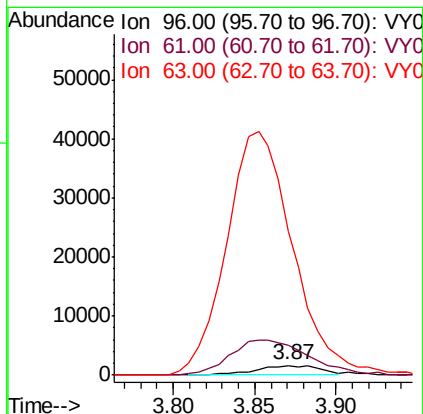
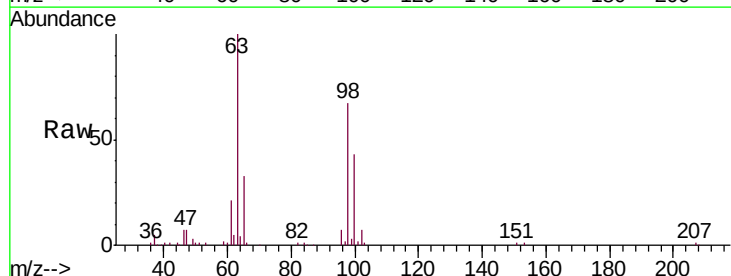
Tgt Ion:101 Resp: 2720
Ion Ratio Lower Upper
101 100
103 60.2 54.0 81.0

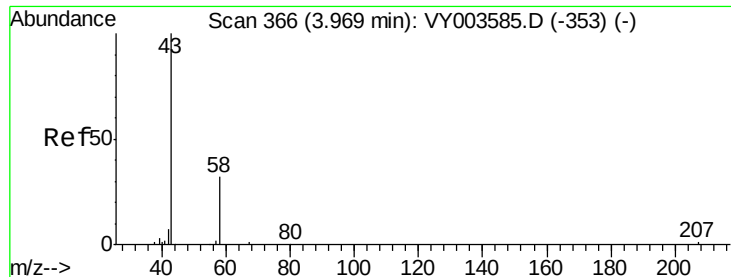


#12

1,1-Dichloroethene
Concen: 1.486 ug/L
RT: 3.87 min Scan# 350
Delta R.T. -0.00 min
Lab File: VY003595.D
Acq: 23 Nov 2020 16:14

Tgt Ion: 96 Resp: 4555
Ion Ratio Lower Upper
96 100
61 309.7 114.5 212.7#
63 1488.0 100.8 187.2#





#13

Acetone

Concen: 3.488 ug/L

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

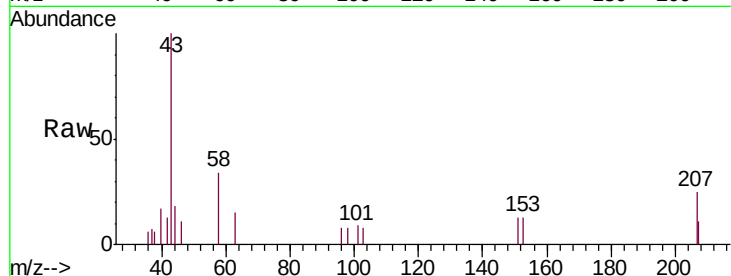
VSTD02586

Tgt Ion: 43 Resp: 2967

Ion Ratio Lower Upper

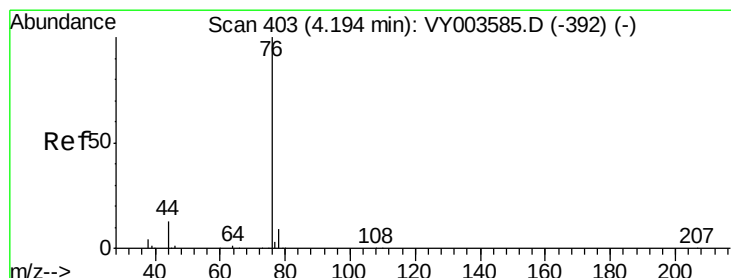
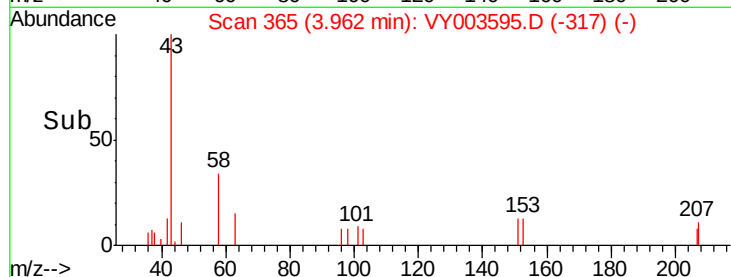
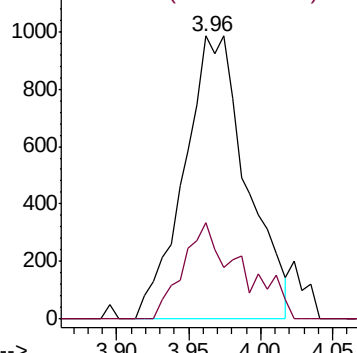
43 100

58 19.6 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#14

Carbon disulfide

Concen: 1.273 ug/L

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY003595.D

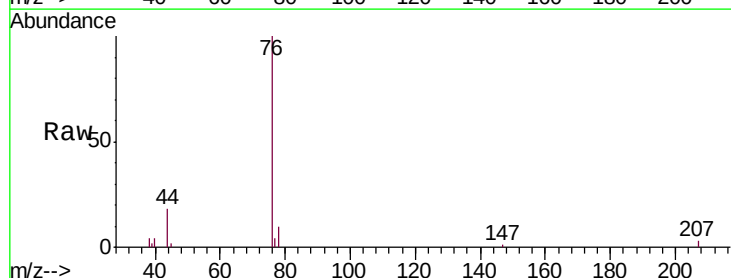
Acq: 23 Nov 2020 16:14

Tgt Ion: 76 Resp: 12400

Ion Ratio Lower Upper

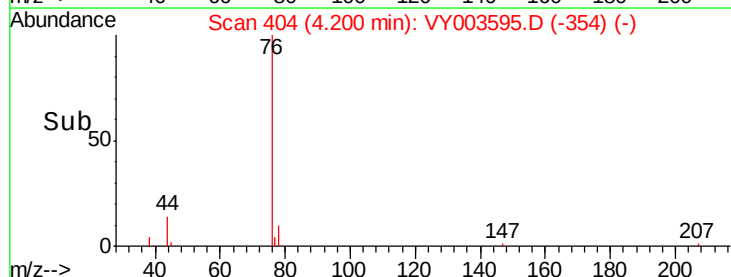
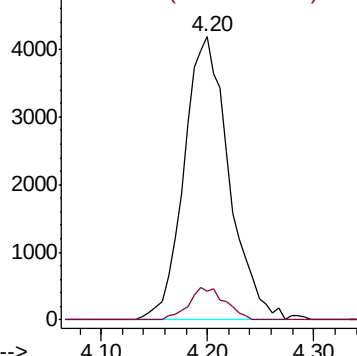
76 100

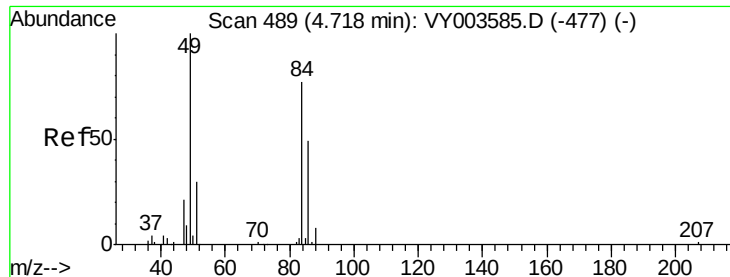
78 10.1 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VY0

Ion 78.00 (77.70 to 78.70): VY0

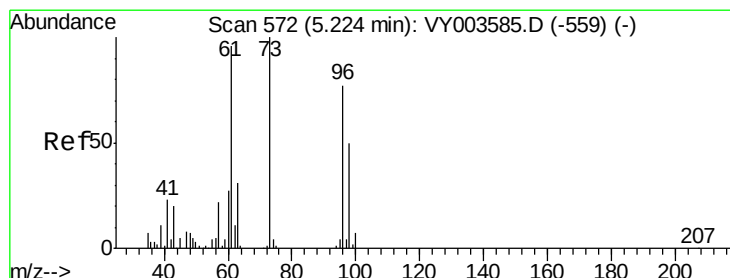
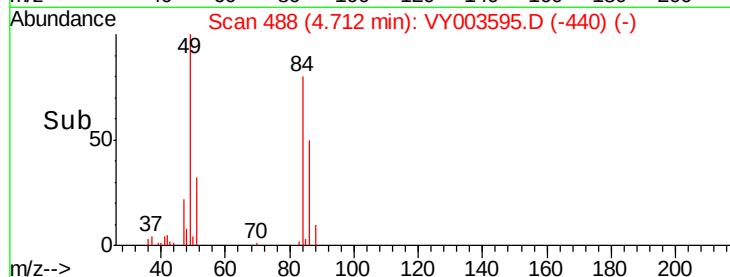
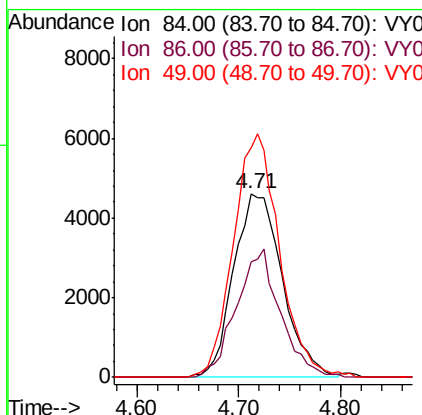
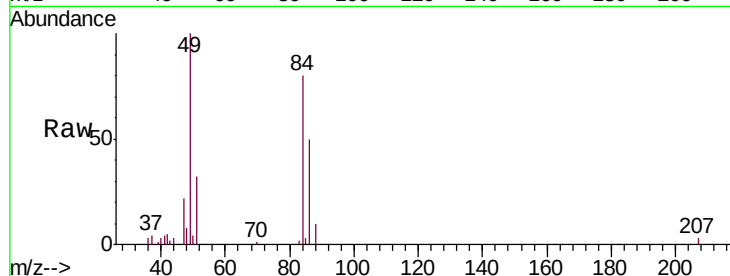




#16
Methylene chloride
Concen: 3.711 ug/L
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY003595.D
Acq: 23 Nov 2020 16:14

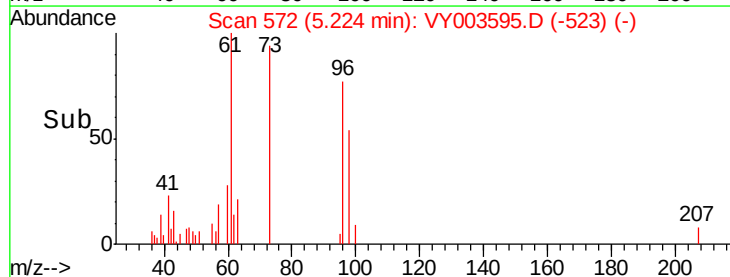
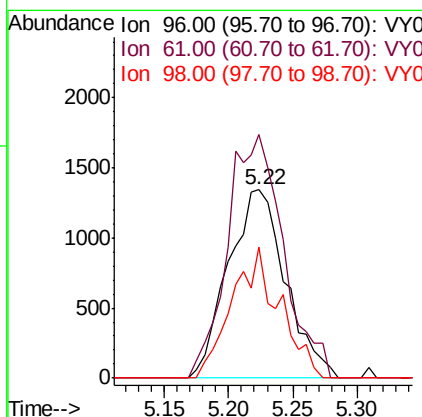
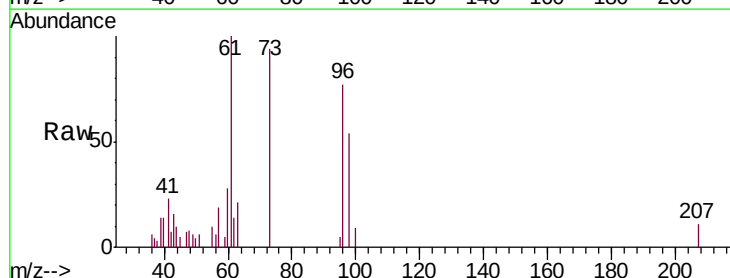
Instrument :
MSVOA_Y
ClientSampleId :
VSTD02586

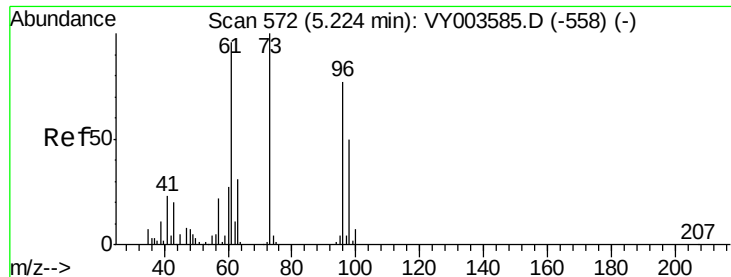
Tgt Ion: 84 Resp: 15327
Ion Ratio Lower Upper
84 100
86 62.8 45.2 84.0
49 125.0 91.5 169.9



#17
trans-1,2-Dichloroethene
Concen: 1.280 ug/L
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY003595.D
Acq: 23 Nov 2020 16:14

Tgt Ion: 96 Resp: 4156
Ion Ratio Lower Upper
96 100
61 129.2 87.2 161.9
98 69.3 45.2 84.0





#18

Methyl tert-butyl Ether

Concen: 1.228 ug/L

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

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MSVOA_Y

ClientSampleId :

VSTD02586

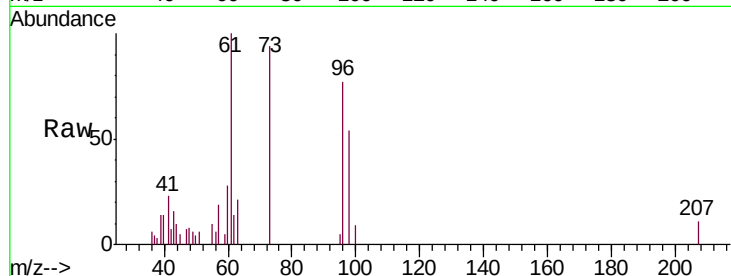
Tgt Ion: 73 Resp: 5932

Ion Ratio Lower Upper

73 100

43 9.8 15.5 23.3#

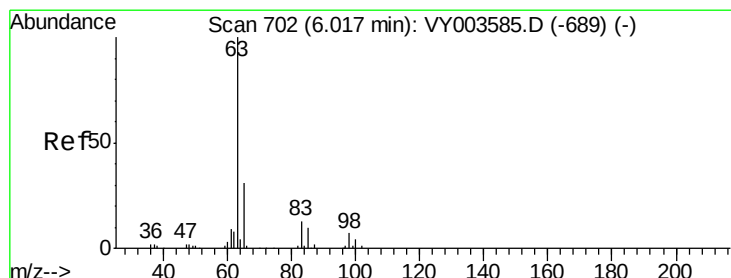
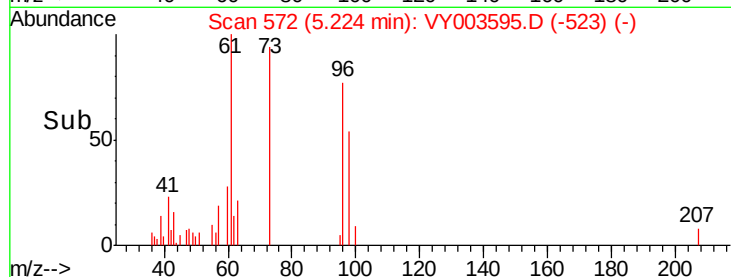
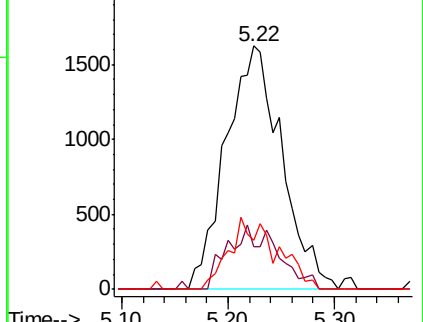
57 6.0 18.2 27.4#



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



#19

1,1-Dichloroethane

Concen: 1.282 ug/L

RT: 6.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

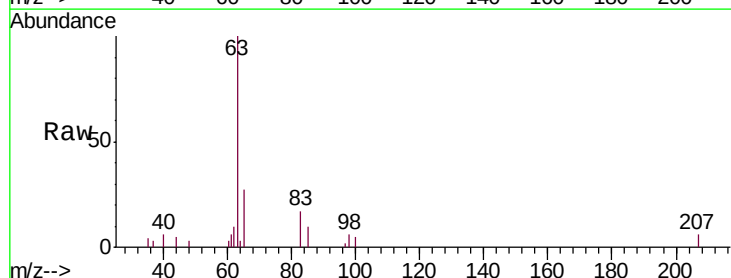
Tgt Ion: 63 Resp: 7077

Ion Ratio Lower Upper

63 100

65 26.6 21.7 40.3

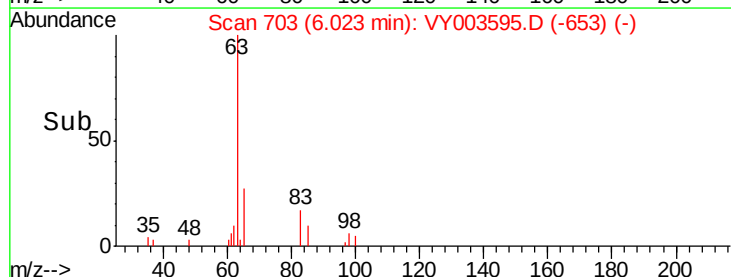
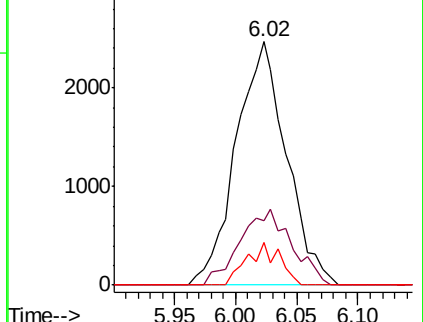
83 17.5 8.9 16.5#

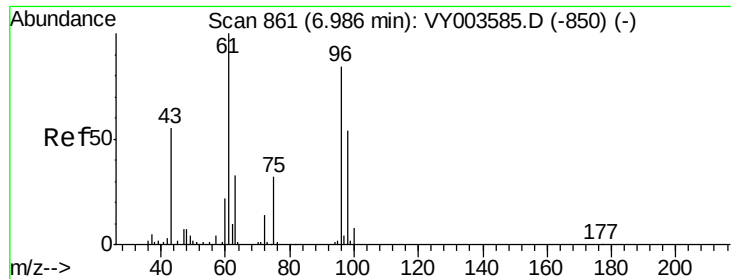


Abundance Ion 63.00 (62.70 to 63.70): VY0

Ion 65.00 (64.70 to 65.70): VY0

Ion 83.00 (82.70 to 83.70): VY0

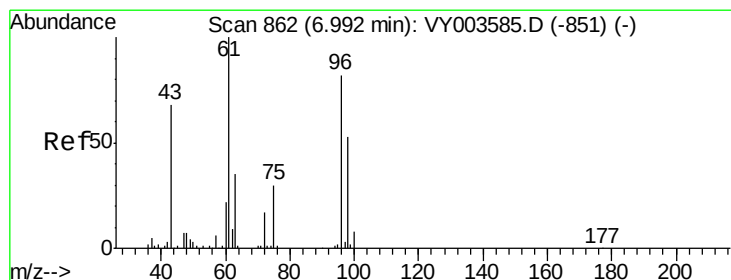
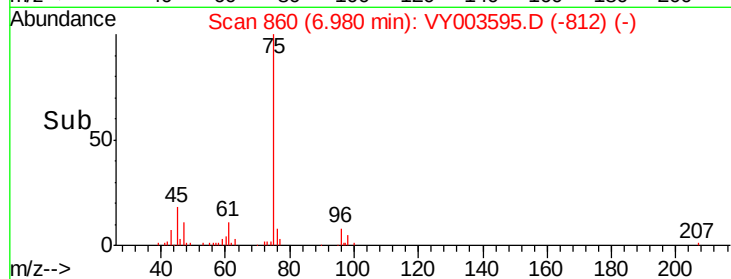
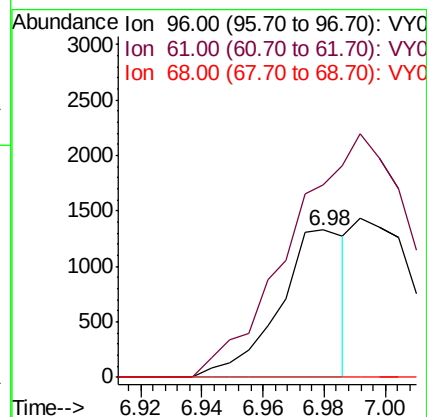
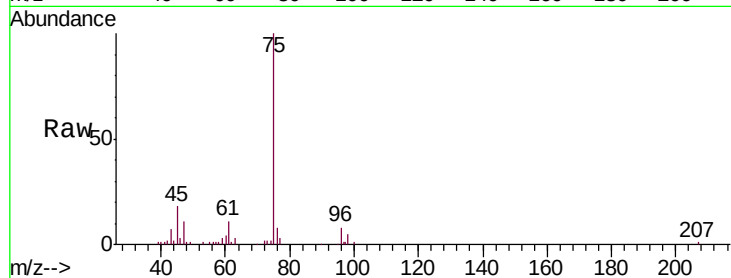




#20
 cis-1,2-Dichloroethene
 Concen: 0.600 ug/L
 RT: 6.98 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: VY003595.D
 Acq: 23 Nov 2020 16:14

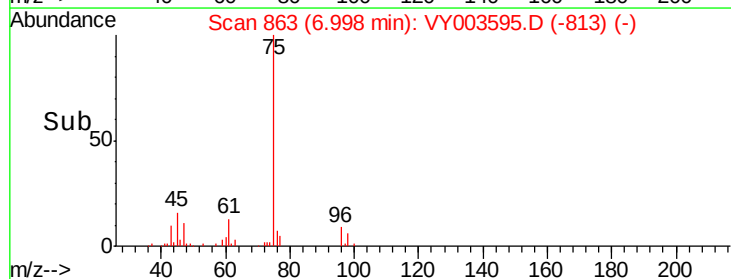
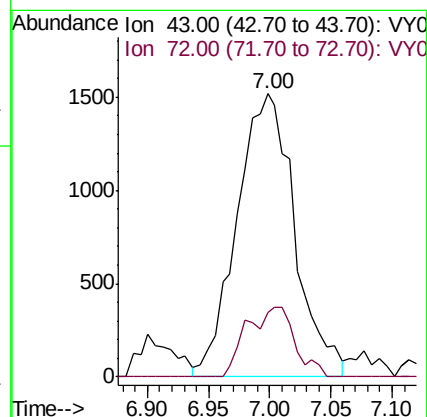
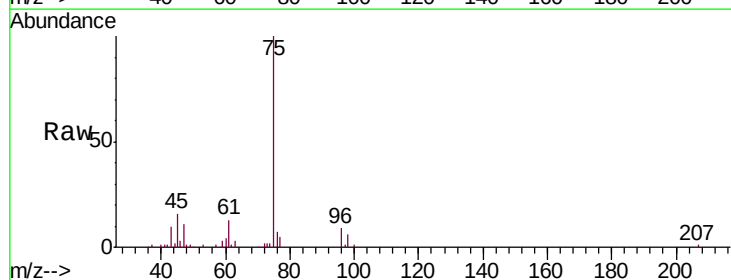
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02586

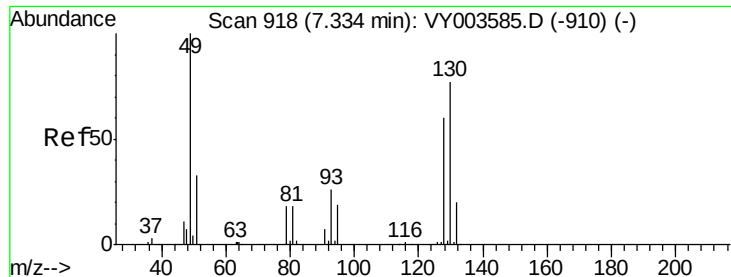
Tgt Ion: 96 Resp: 2030
 Ion Ratio Lower Upper
 96 100
 61 130.5 83.7 155.4
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 3.448 ug/L
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY003595.D
 Acq: 23 Nov 2020 16:14

Tgt Ion: 43 Resp: 4979
 Ion Ratio Lower Upper
 43 100
 72 9.5 13.0 38.9#

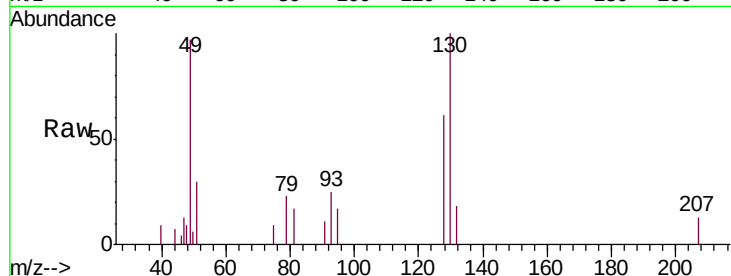




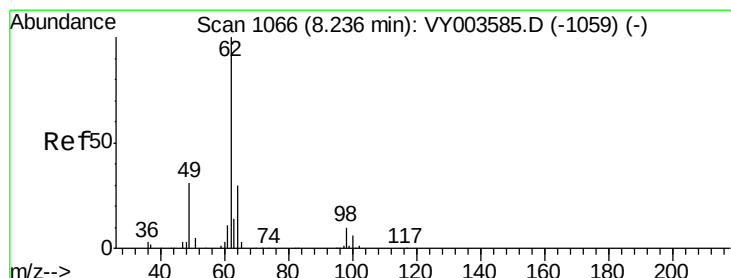
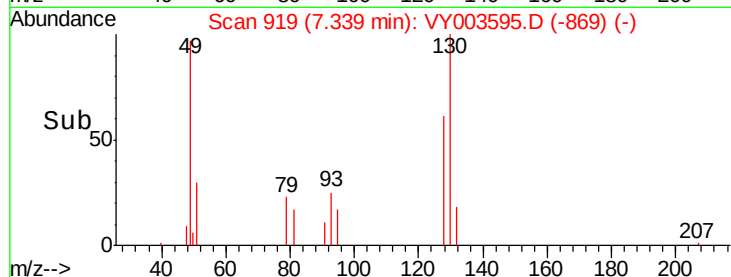
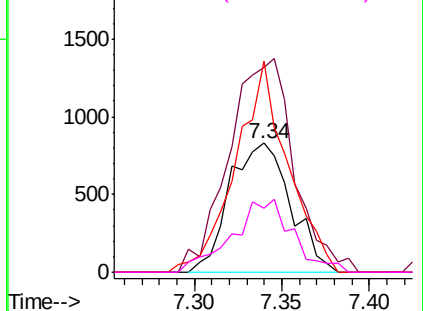
#23
Bromochloromethane
Concen: 1.248 ug/L
RT: 7.34 min Scan# 919
Delta R.T. 0.01 min
Lab File: VY003595.D
Acq: 23 Nov 2020 16:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTD02586

Tgt Ion:128 Resp: 2029
Ion Ratio Lower Upper
128 100
49 158.7 117.1 217.5
130 163.9 89.4 166.0
51 49.6 43.3 64.9

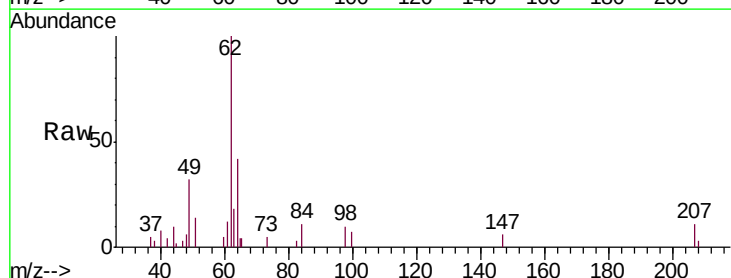


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VY0
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VY0

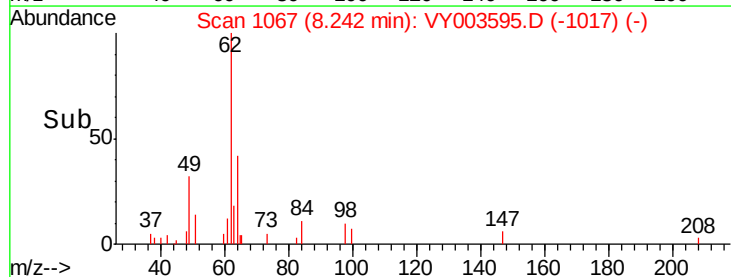
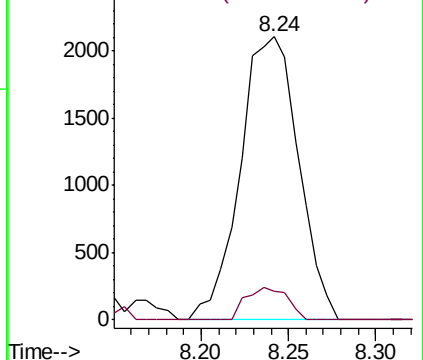


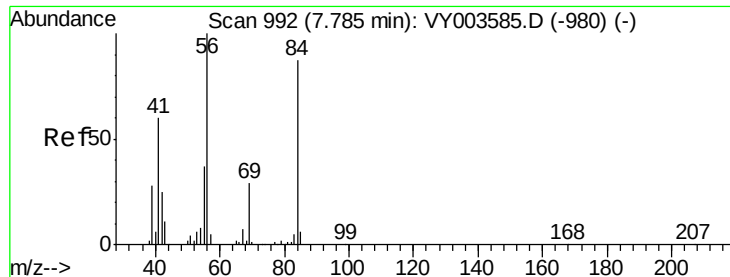
#27
1,2-Dichloroethane
Concen: 1.322 ug/L
RT: 8.24 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VY003595.D
Acq: 23 Nov 2020 16:14

Tgt Ion: 62 Resp: 4878
Ion Ratio Lower Upper
62 100
98 10.1 7.9 11.9



Abundance Ion 62.00 (61.70 to 62.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

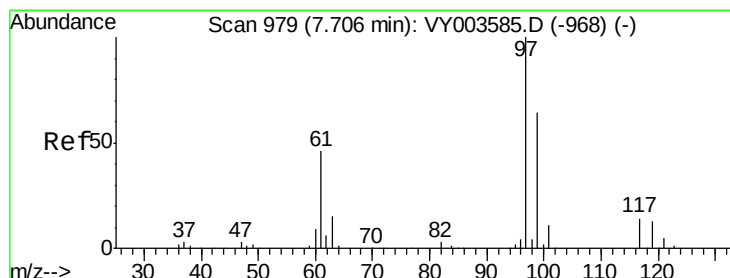
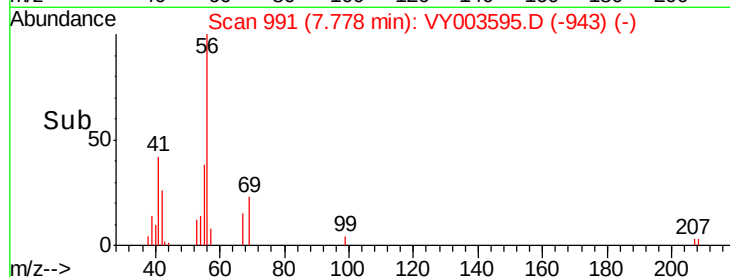
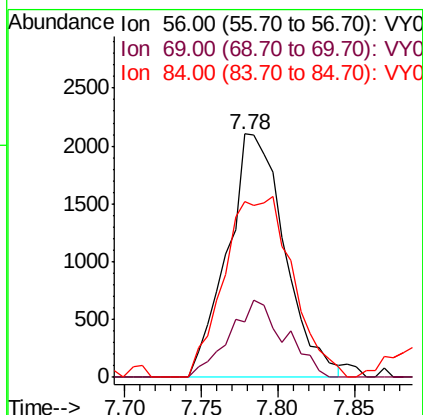
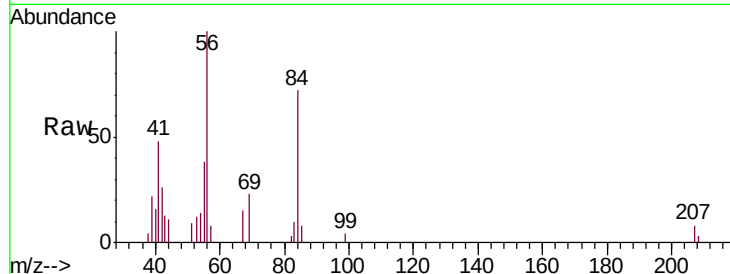




#29
Cyclohexane
Concen: 1.133 ug/L
RT: 7.78 min Scan# 991
Delta R.T. -0.01 min
Lab File: VY003595.D
Acq: 23 Nov 2020 16:14

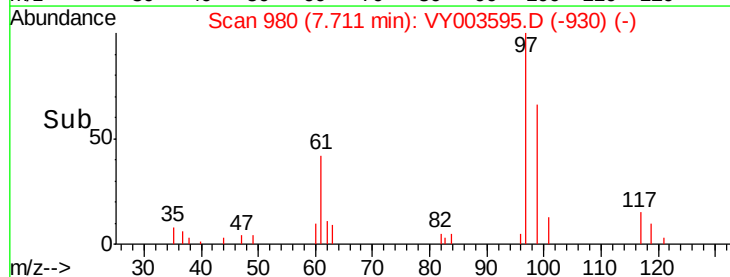
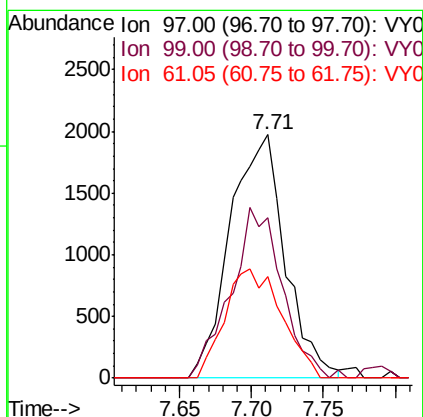
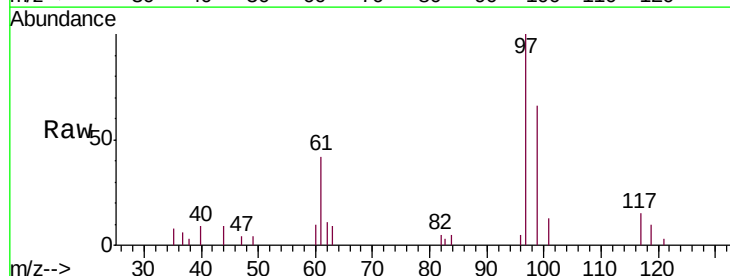
Instrument :
MSVOA_Y
ClientSampled :
VSTD02586

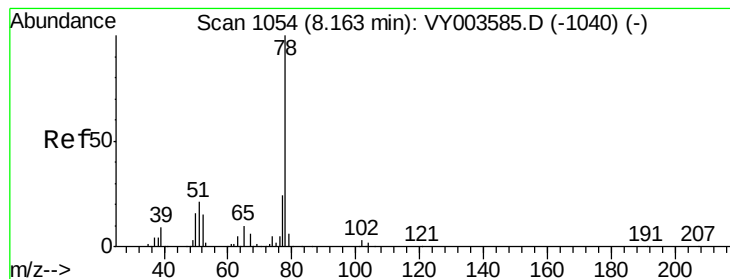
Tgt Ion: 56 Resp: 5482
Ion Ratio Lower Upper
56 100
69 24.9 23.3 34.9
84 43.9 70.6 105.8#



#30
1,1,1-Trichloroethane
Concen: 1.233 ug/L
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003595.D
Acq: 23 Nov 2020 16:14

Tgt Ion: 97 Resp: 5253
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 46.4 35.1 52.7





#33

Benzene

Concen: 1.211 ug/L

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

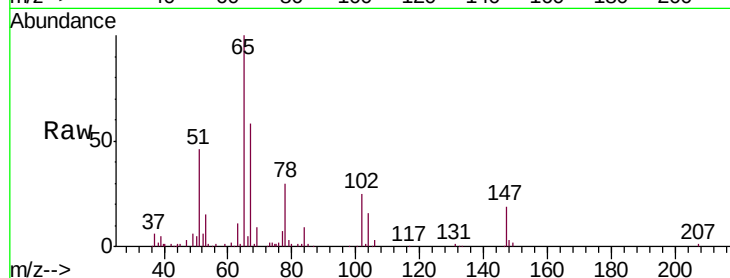
Instrument :

MSVOA_Y

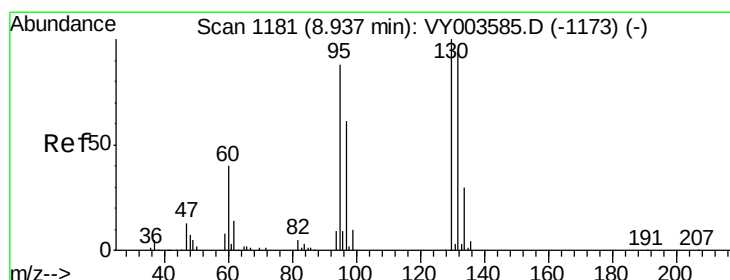
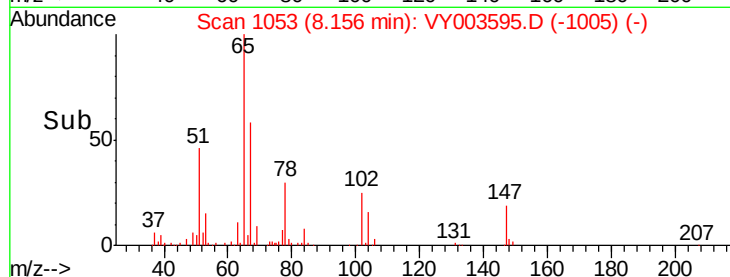
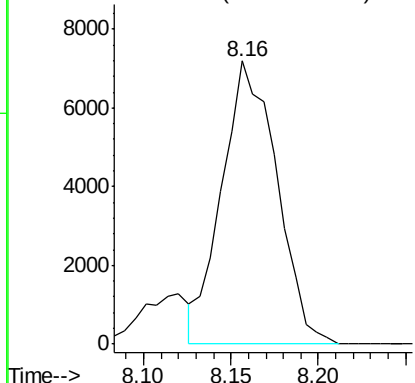
ClientSampleId :

VSTD02586

Tgt Ion: 78 Resp: 15660



Abundance Ion 78.00 (77.70 to 78.70): VY0



#34

Trichloroethene

Concen: 1.276 ug/L

RT: 8.94 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Tgt Ion: 95 Resp: 4091

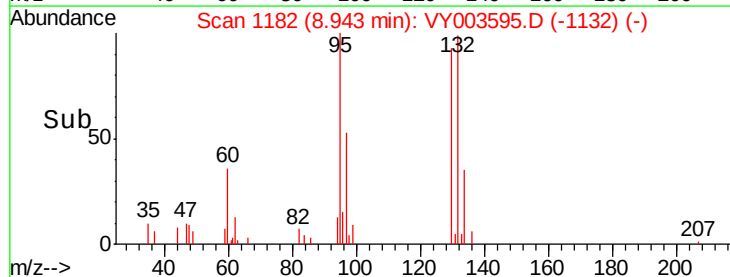
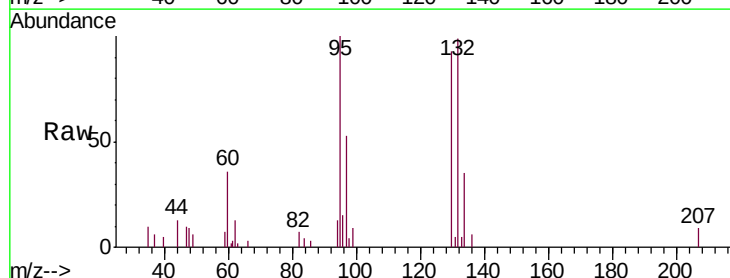
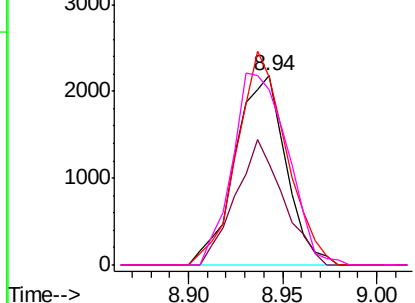
Ion	Ratio	Lower	Upper
95	100		
97	57.4	48.8	90.6
132	99.3	74.9	139.1
130	92.9	79.4	147.4

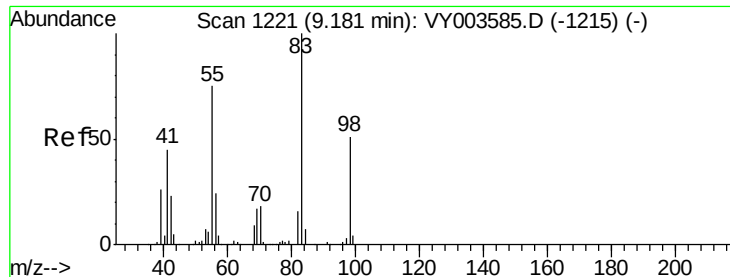
Abundance Ion 95.00 (94.70 to 95.70): VY0

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

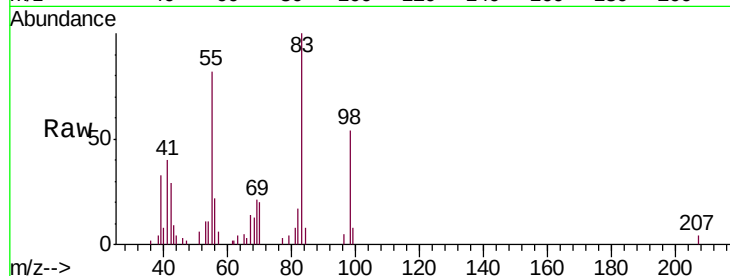




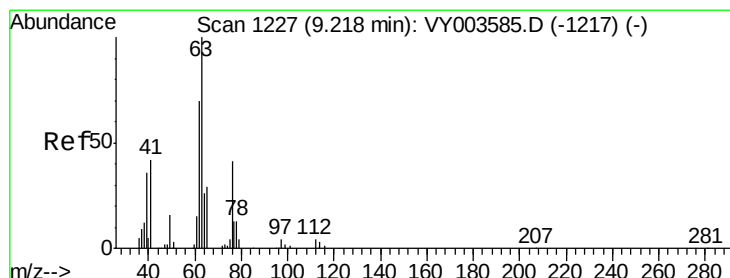
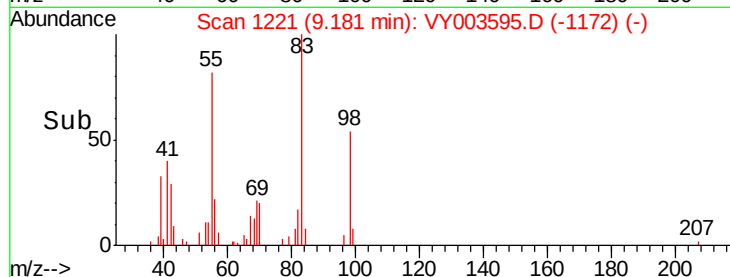
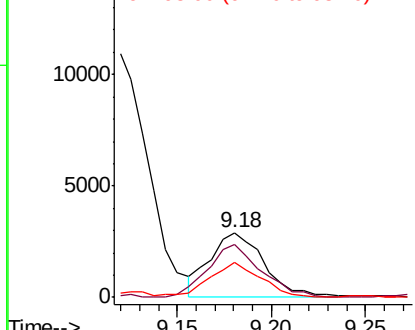
#35
Methylcyclohexane
Concen: 1.149 ug/L
RT: 9.18 min Scan# 1221
Delta R.T. -0.00 min
Lab File: VY003595.D
Acq: 23 Nov 2020 16:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTD02586

Tgt Ion: 83 Resp: 5787
Ion Ratio Lower Upper
83 100
55 81.6 59.0 88.6
98 51.1 40.2 60.4

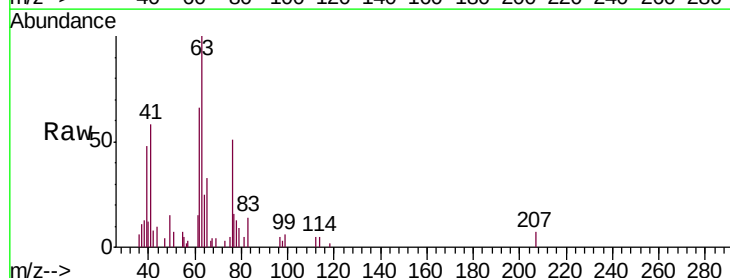


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

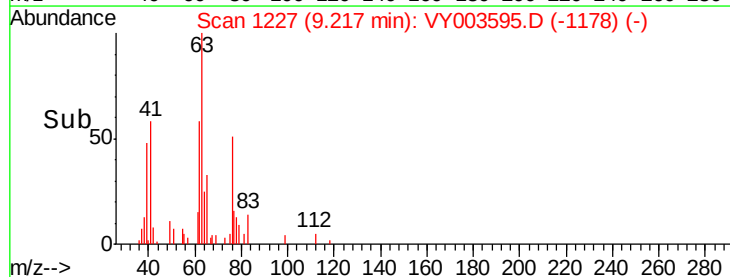
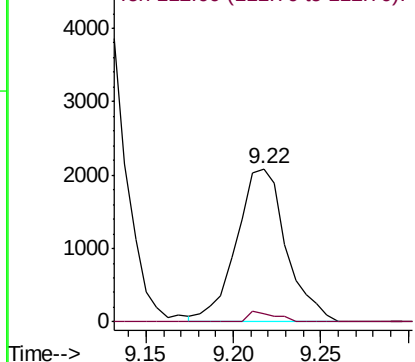


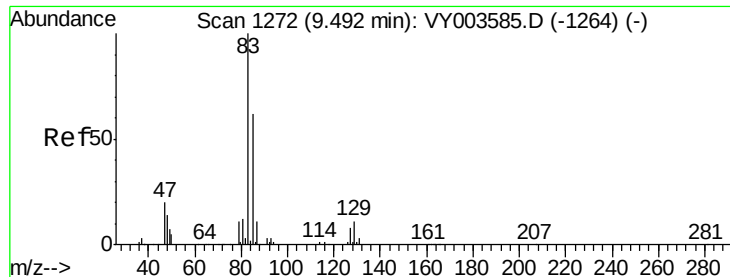
#37
1,2-Dichloropropane
Concen: 1.264 ug/L
RT: 9.22 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VY003595.D
Acq: 23 Nov 2020 16:14

Tgt Ion: 63 Resp: 4138
Ion Ratio Lower Upper
63 100
112 3.5 3.4 5.2



Abundance Ion 63.00 (62.70 to 63.70): VY0
Ion 112.00 (111.70 to 112.70): V





#38

Bromodichloromethane

Concen: 1.243 ug/L

RT: 9.50 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTD02586

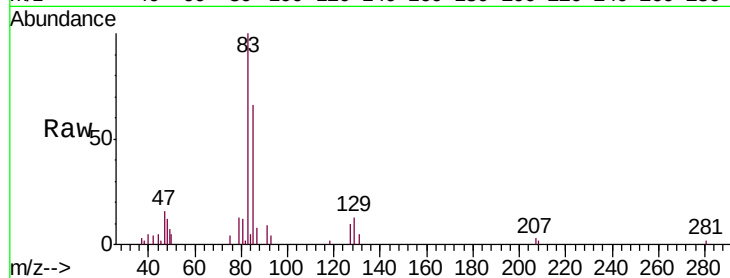
Tgt Ion: 83 Resp: 5164

Ion Ratio Lower Upper

83 100

85 66.2 43.5 80.9

127 9.7 6.5 9.7

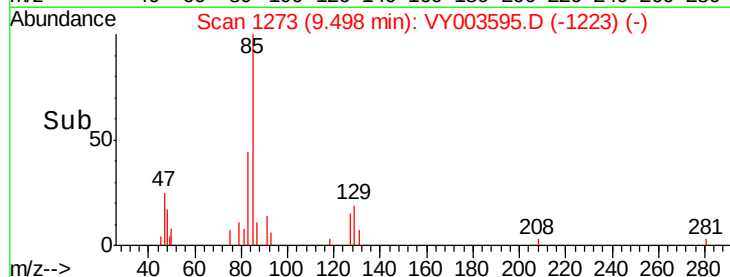


Abundance Ion 83.00 (82.70 to 83.70): VY003595.D (-1272) (-)

Ion 85.00 (84.70 to 85.70): VY003595.D (-1272) (-)

Ion 127.00 (126.70 to 127.70): VY003595.D (-1272) (-)

Time-->

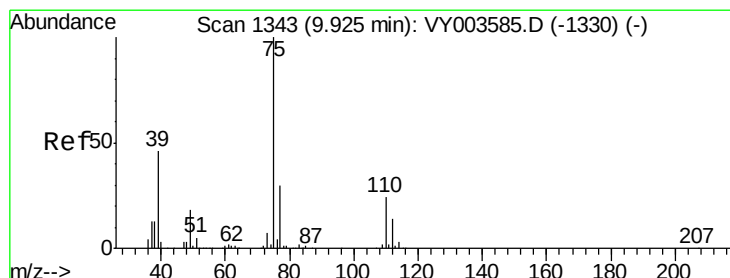


Abundance Ion 83.00 (82.70 to 83.70): VY003595.D (-1272) (-)

Ion 85.00 (84.70 to 85.70): VY003595.D (-1272) (-)

Ion 127.00 (126.70 to 127.70): VY003595.D (-1272) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.218 ug/L

RT: 9.92 min Scan# 1343

Delta R.T. -0.00 min

Lab File: VY003595.D

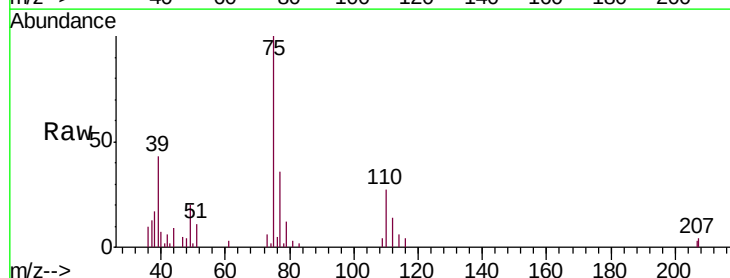
Acq: 23 Nov 2020 16:14

Tgt Ion: 75 Resp: 6163

Ion Ratio Lower Upper

75 100

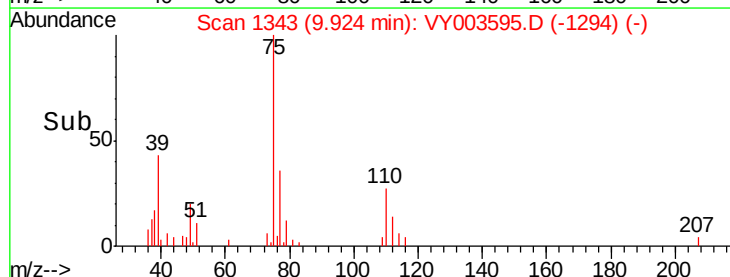
77 35.5 20.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VY003595.D (-1343) (-)

Ion 77.00 (76.70 to 77.70): VY003595.D (-1343) (-)

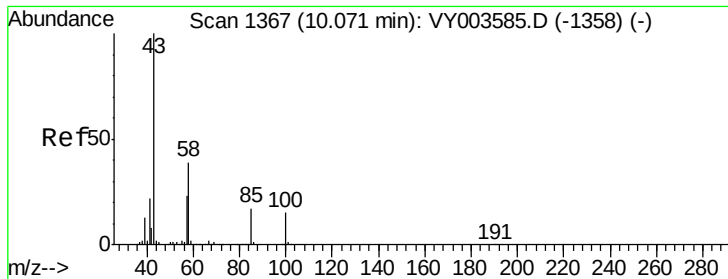
Time-->



Abundance Ion 75.00 (74.70 to 75.70): VY003595.D (-1343) (-)

Ion 77.00 (76.70 to 77.70): VY003595.D (-1343) (-)

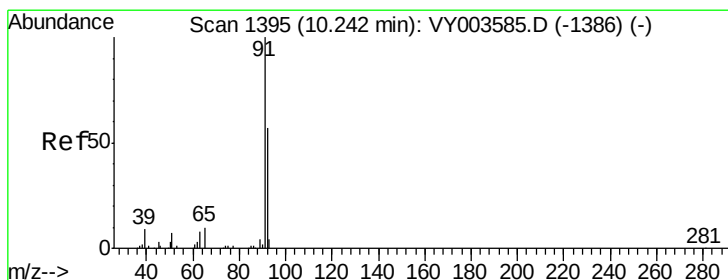
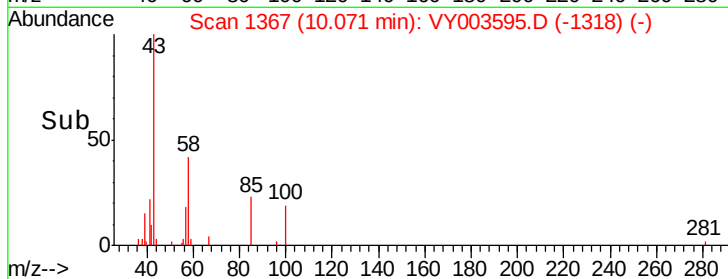
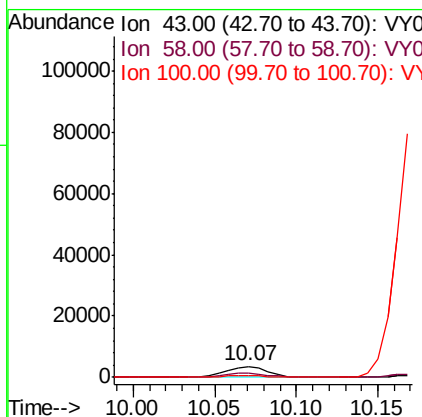
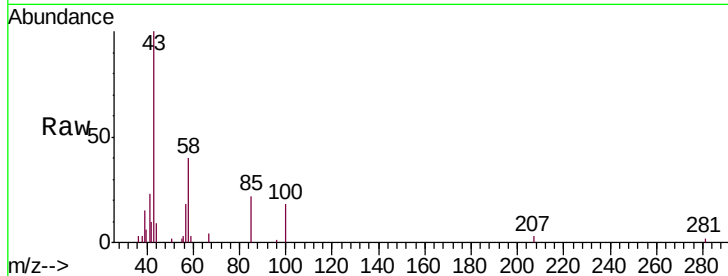
Time-->



#40
4-Methyl-2-pentanone
Concen: 2.378 ug/L
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003595.D
Acq: 23 Nov 2020 16:14

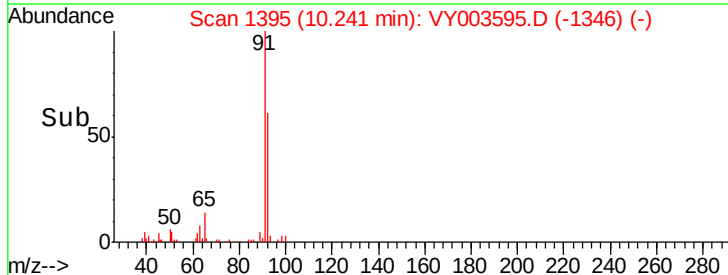
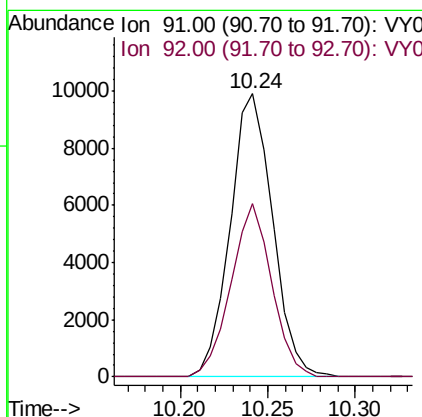
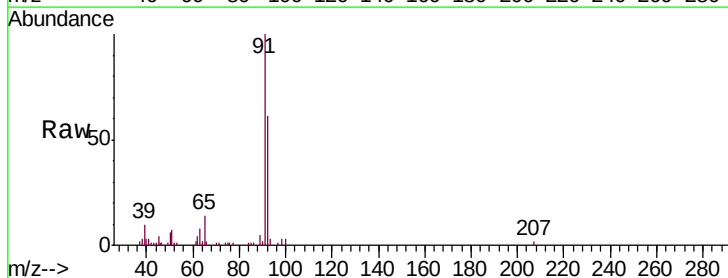
Instrument :
MSVOA_Y
ClientSampleId :
VSTD02586

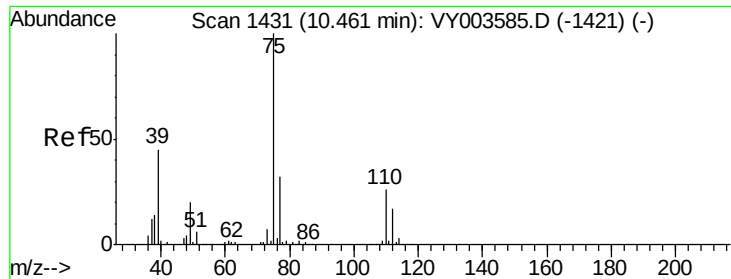
Tgt Ion: 43 Resp: 6543
Ion Ratio Lower Upper
43 100
58 39.2 29.8 44.6
100 14.4 12.0 18.0



#42
Toluene
Concen: 1.229 ug/L
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003595.D
Acq: 23 Nov 2020 16:14

Tgt Ion: 91 Resp: 16700
Ion Ratio Lower Upper
91 100
92 61.2 39.6 73.6





#44

trans-1,3-Dichloropropene

Concen: 1.675 ug/L

RT: 10.46 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

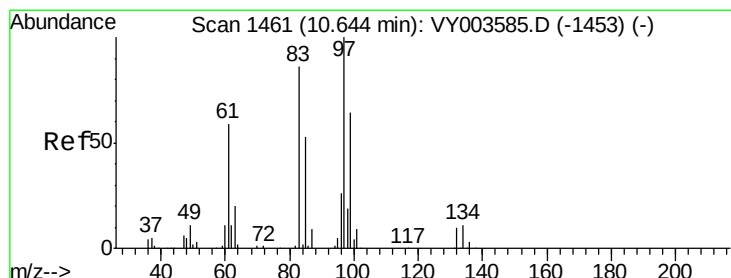
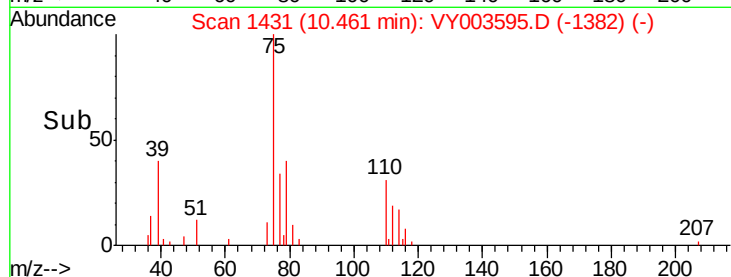
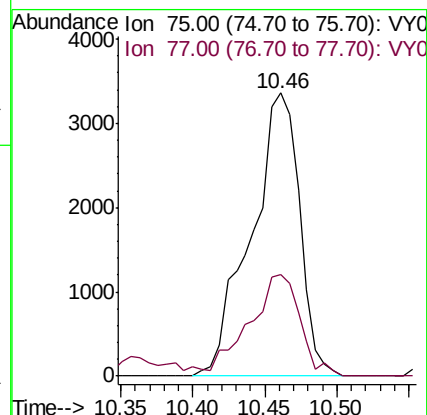
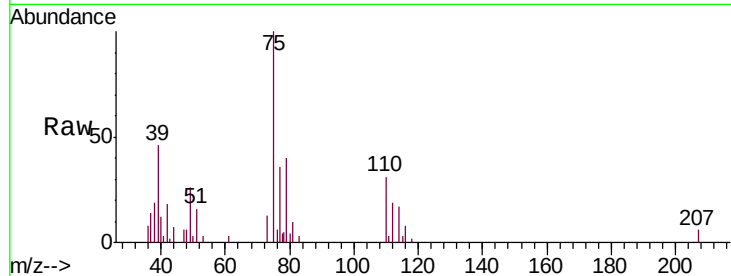
VSTD02586

Tgt Ion: 75 Resp: 7863

Ion Ratio Lower Upper

75 100

77 36.0 22.9 42.5



#45

1,1,2-Trichloroethane

Concen: 1.272 ug/L

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Tgt Ion: 97 Resp: 3370

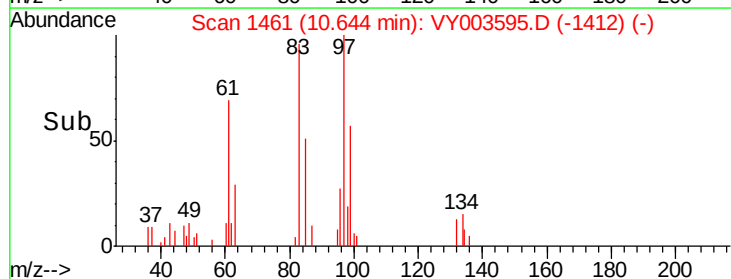
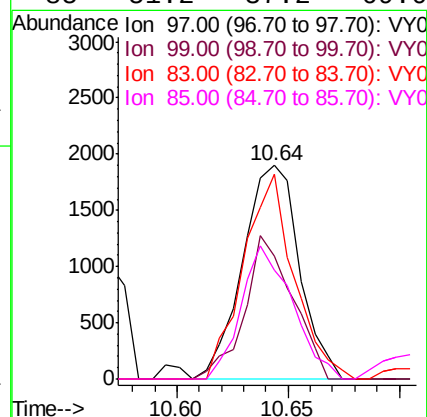
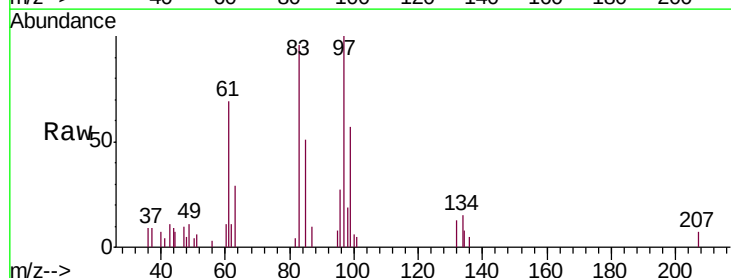
Ion Ratio Lower Upper

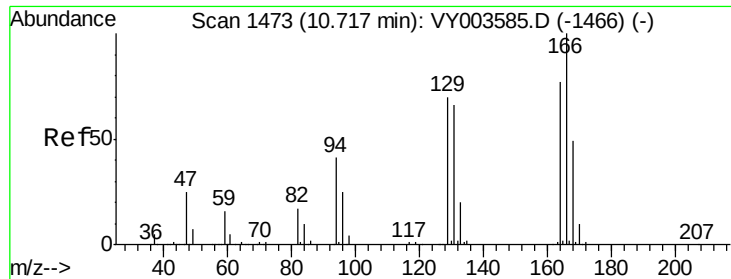
97 100

99 57.5 44.9 83.5

83 96.0 59.8 111.1

85 51.2 37.2 69.0





#46

Tetrachloroethene

Concen: 1.164 ug/L

RT: 10.71 min Scan# 1472

Delta R.T. -0.01 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTD02586

Tgt Ion:164 Resp: 3272

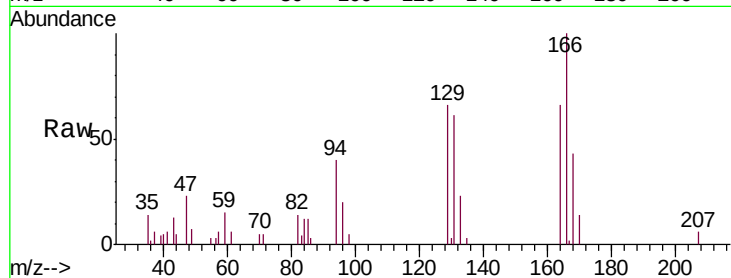
Ion Ratio Lower Upper

164 100

129 100.3 63.5 117.9

131 93.2 59.6 110.6

166 152.6 90.6 168.2

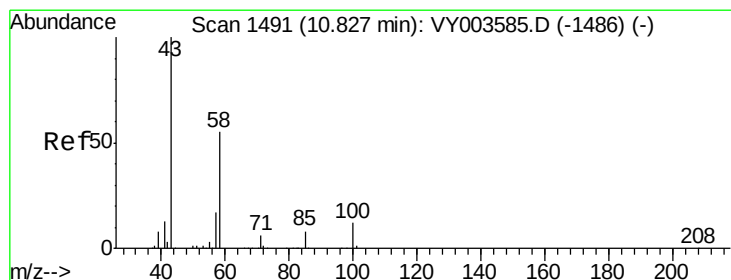
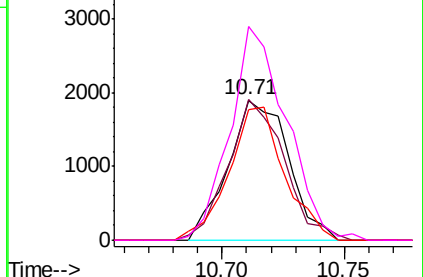
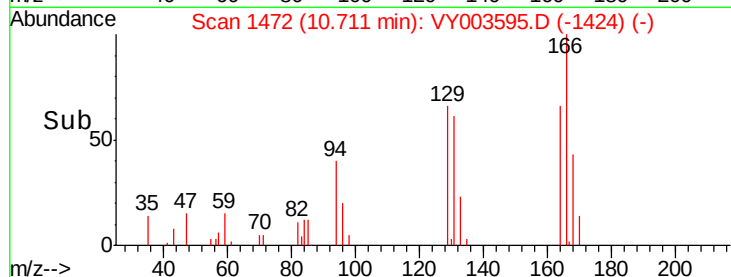


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 2.297 ug/L

RT: 10.83 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Tgt Ion: 43 Resp: 4895

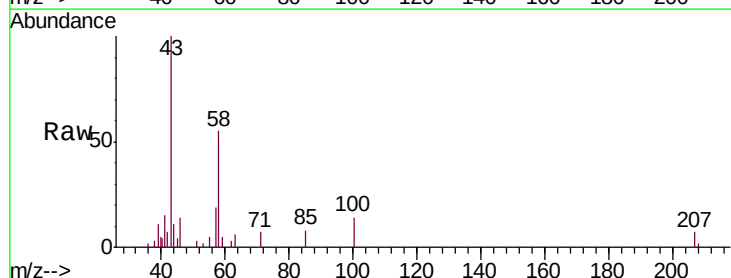
Ion Ratio Lower Upper

43 100

58 57.2 43.9 65.9

57 22.4 14.1 21.1#

100 13.0 9.6 14.4

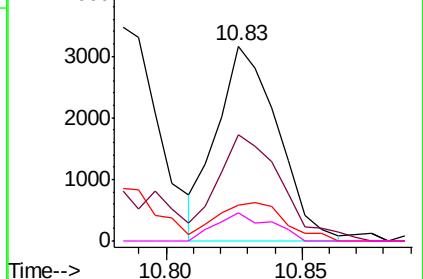
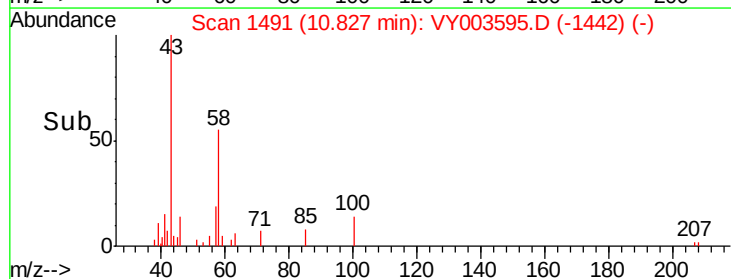


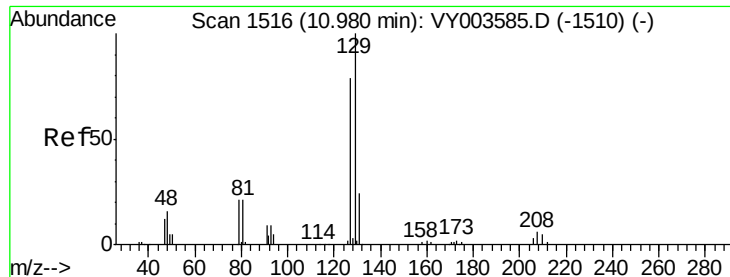
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#49

Dibromochloromethane

Concen: 1.208 ug/L

RT: 10.98 min Scan# 1516

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

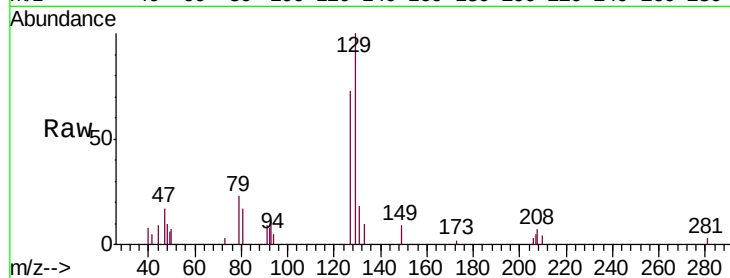
VSTD02586

Tgt Ion:129 Resp: 3754

Ion Ratio Lower Upper

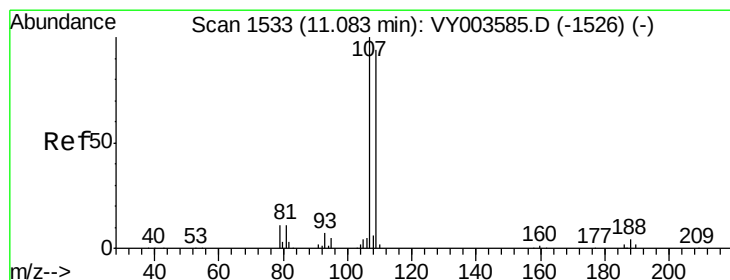
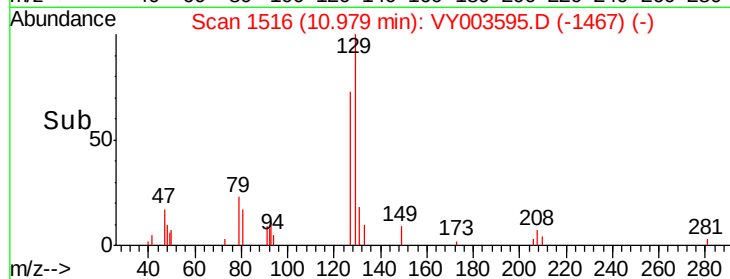
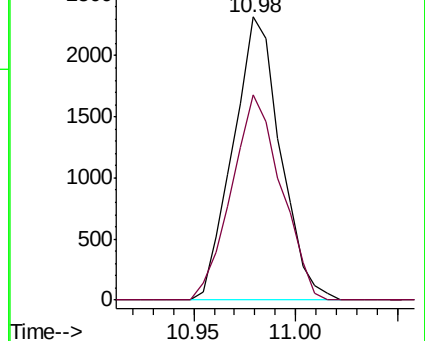
129 100

127 72.8 55.7 103.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

1,2-Dibromoethane

Concen: 1.131 ug/L

RT: 11.08 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

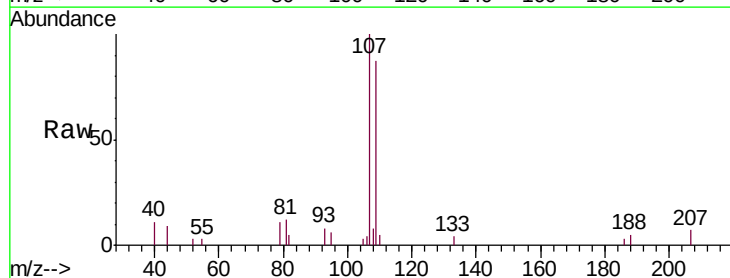
Tgt Ion:107 Resp: 2935

Ion Ratio Lower Upper

107 100

109 86.8 65.8 122.2

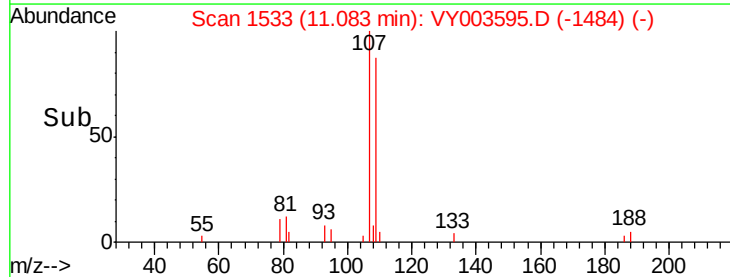
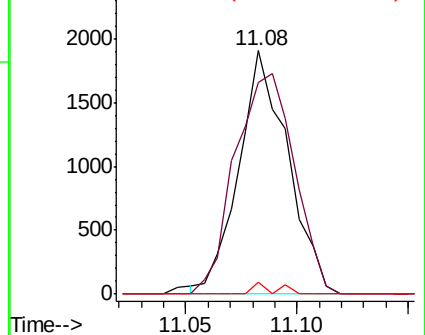
188 4.7 2.9 4.3#

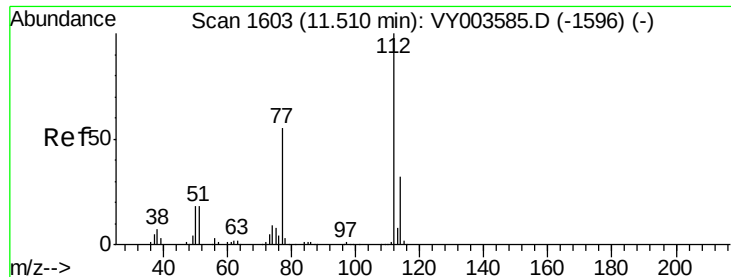


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V





#51

Chlorobenzene

Concen: 1.294 ug/L

RT: 11.51 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

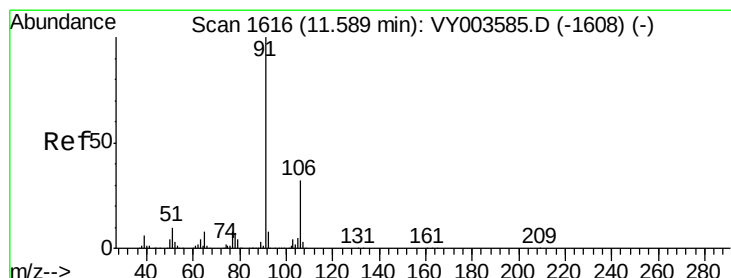
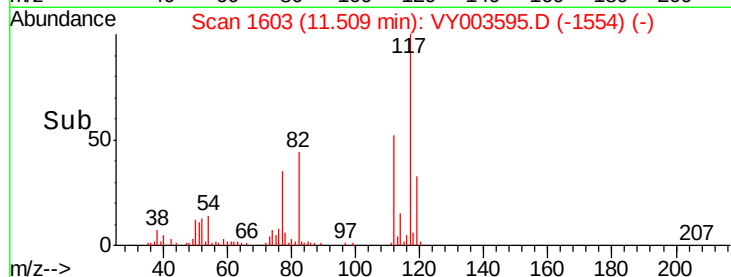
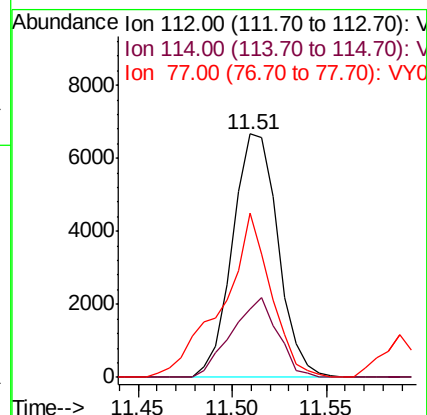
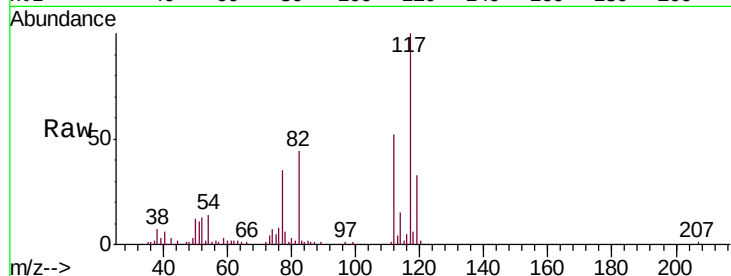
Instrument :

MSVOA_Y

ClientSampleId :

VSTD02586

Tgt Ion:	112	Resp:	11187
Ion	Ratio	Lower	Upper
112	100		
114	28.1	22.4	41.6
77	67.5	44.2	66.2#



#52

Ethylbenzene

Concen: 1.167 ug/L

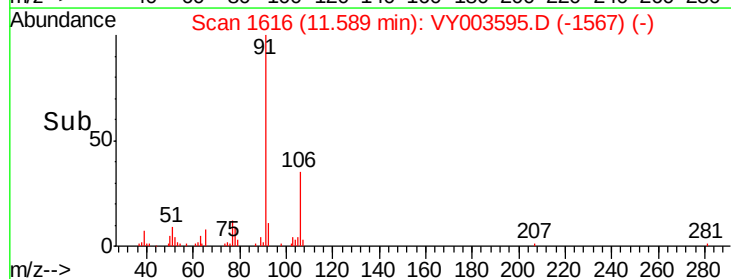
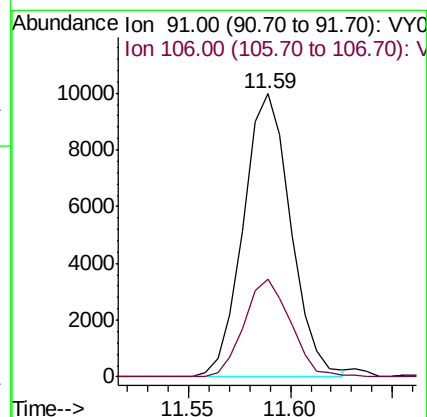
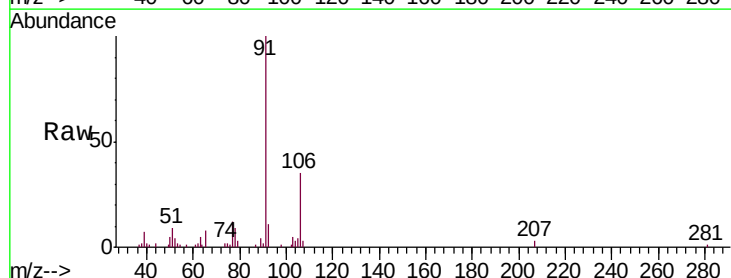
RT: 11.59 min Scan# 1616

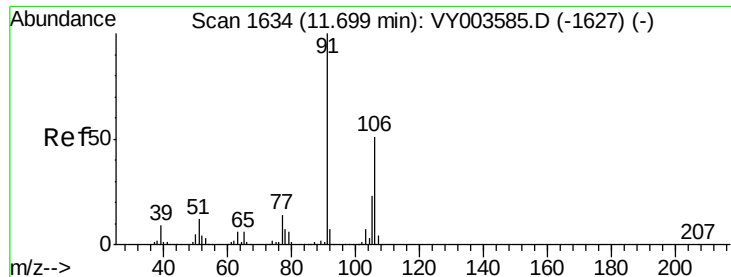
Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Tgt Ion:	91	Resp:	16176
Ion	Ratio	Lower	Upper
91	100		
106	34.6	22.7	42.1





#53

m,p-Xylene

Concen: 1.202 ug/L

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

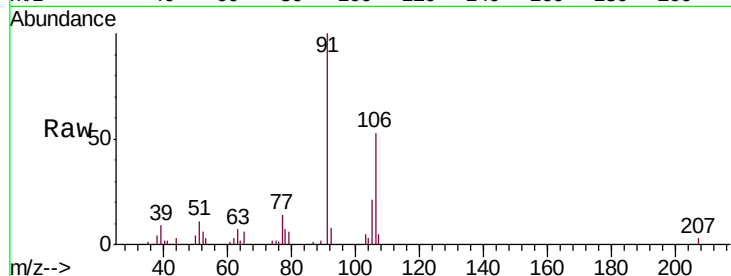
VSTD02586

Tgt Ion:106 Resp: 6429

Ion Ratio Lower Upper

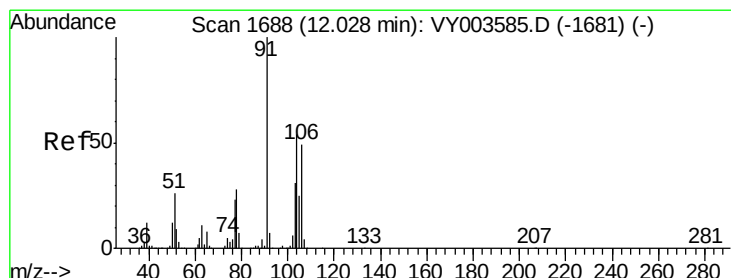
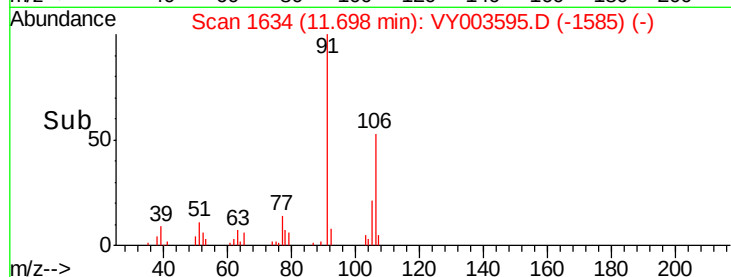
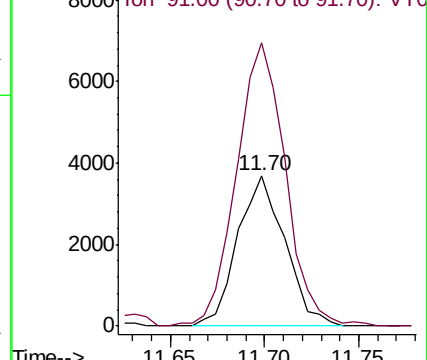
106 100

91 188.2 138.2 256.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#54

o-Xylene

Concen: 1.164 ug/L

RT: 12.03 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VY003595.D

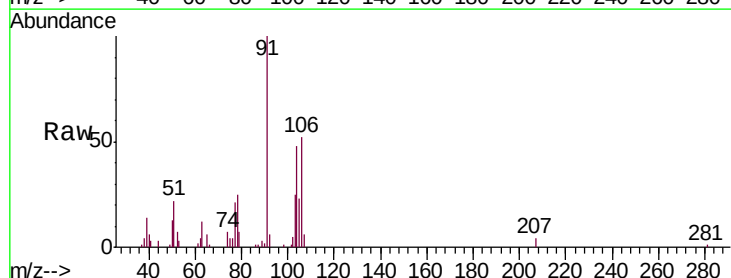
Acq: 23 Nov 2020 16:14

Tgt Ion:106 Resp: 5263

Ion Ratio Lower Upper

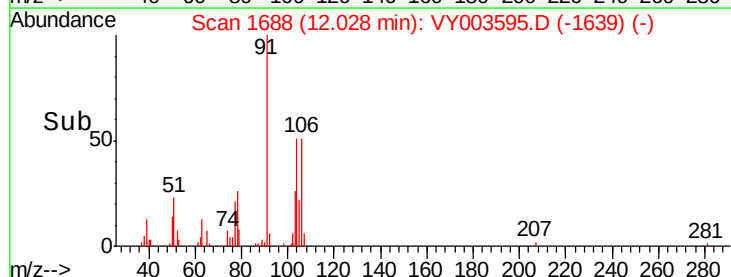
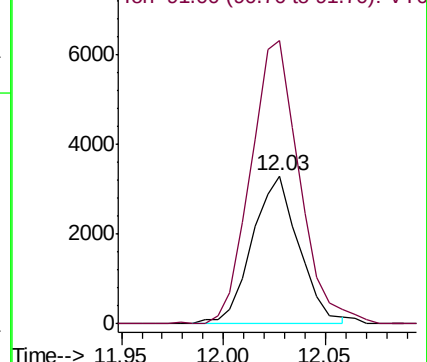
106 100

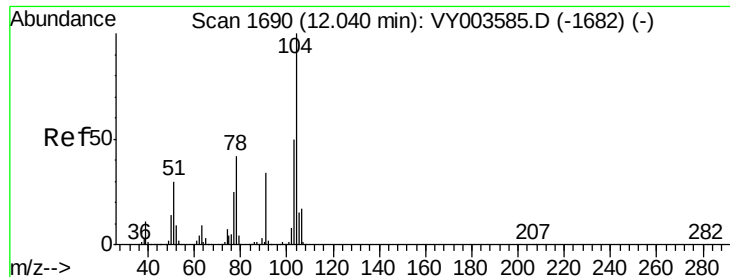
91 190.8 143.2 266.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





#55

Styrene

Concen: 1.046 ug/L

RT: 12.04 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

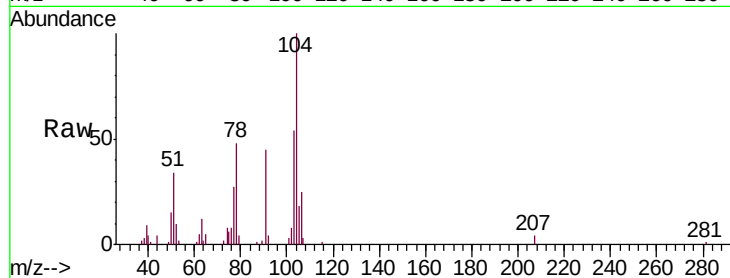
VSTD02586

Tgt Ion: 104 Resp: 9253

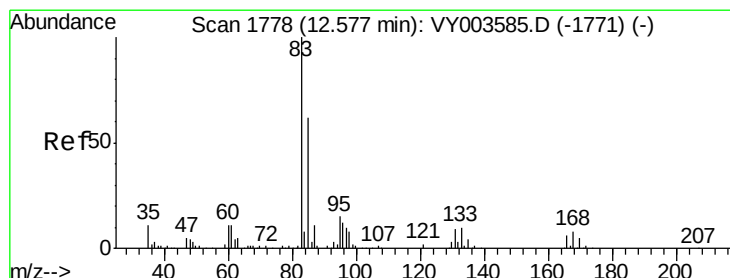
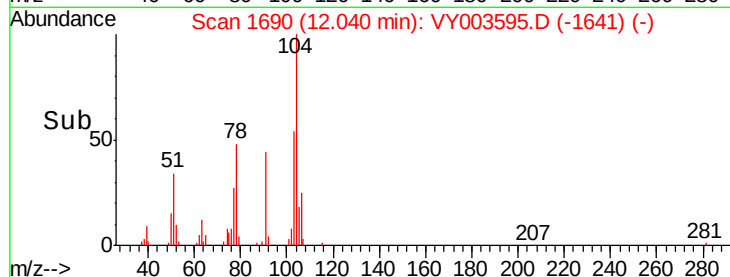
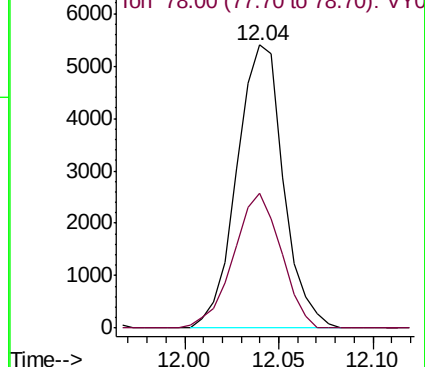
Ion Ratio Lower Upper

104 100

78 47.6 29.5 54.7



Abundance Ion 104.00 (103.70 to 104.70): VY003585.D (-1682) (-)



#57

1,1,2,2-Tetrachloroethane

Concen: 1.351 ug/L

RT: 12.58 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

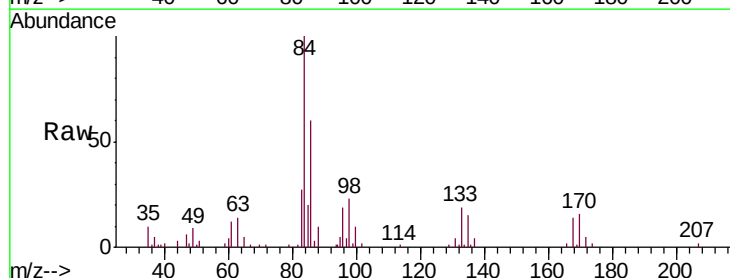
Tgt Ion: 83 Resp: 4310

Ion Ratio Lower Upper

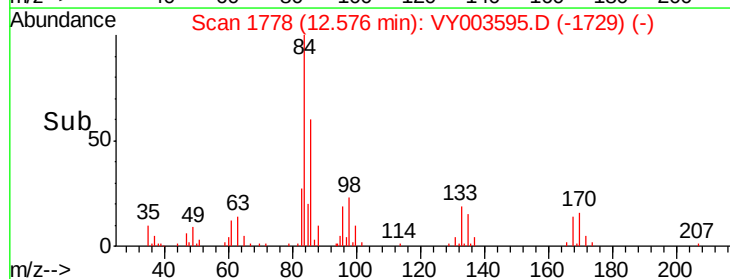
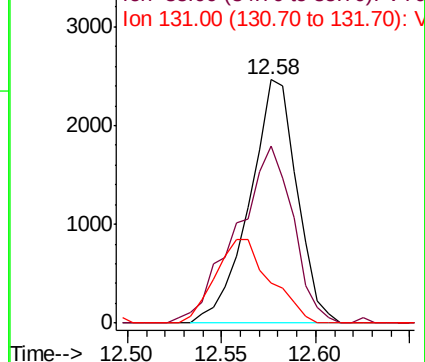
83 100

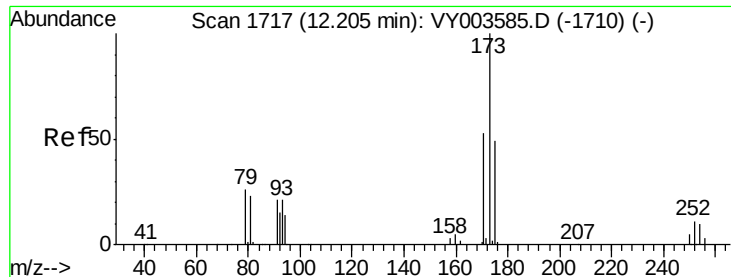
85 72.7 43.5 80.9

131 16.7 7.3 10.9#



Abundance Ion 83.00 (82.70 to 83.70): VY003585.D (-1771) (-)





#59

Bromoform

Concen: 1.198 ug/L

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTD02586

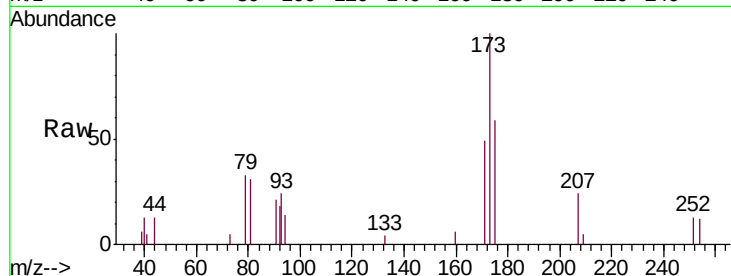
Tgt Ion:173 Resp: 2368

Ion Ratio Lower Upper

173 100

175 43.8 38.9 58.3

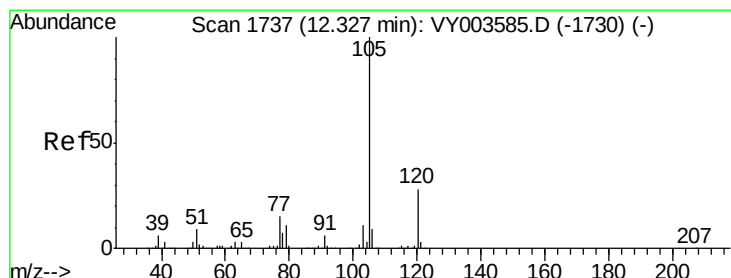
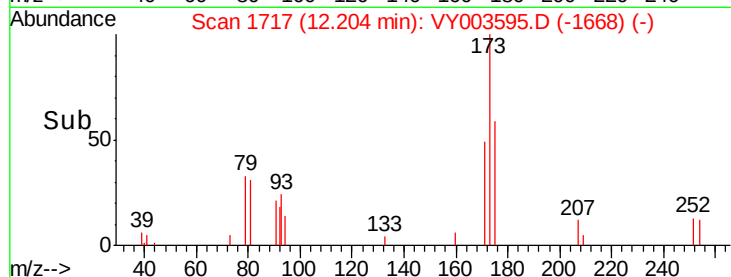
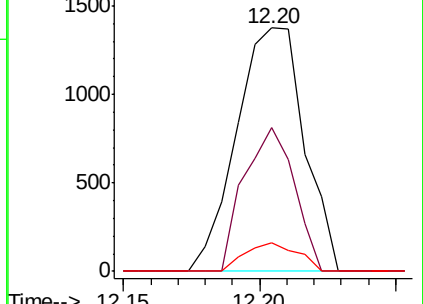
254 9.2 8.5 12.7



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



#60

Isopropylbenzene

Concen: 1.189 ug/L

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

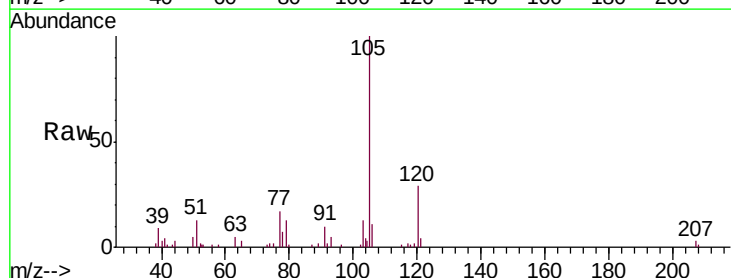
Tgt Ion:105 Resp: 11148

Ion Ratio Lower Upper

105 100

120 27.6 21.8 32.6

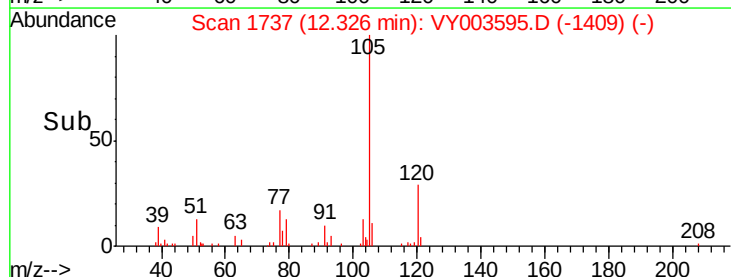
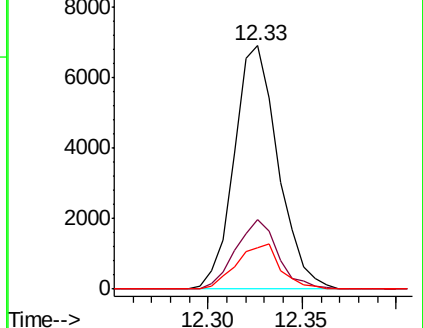
77 18.4 12.0 18.0#

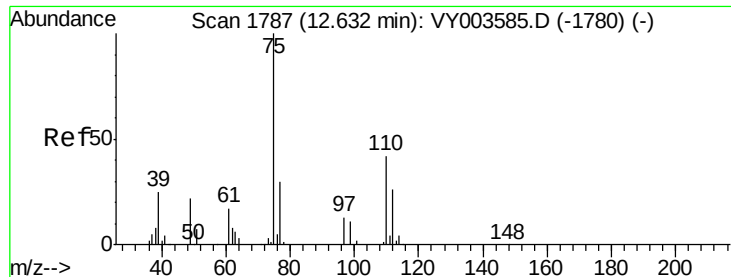


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VY0





#61

1,2,3-Trichloropropane

Concen: 1.391 ug/L

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTD02586

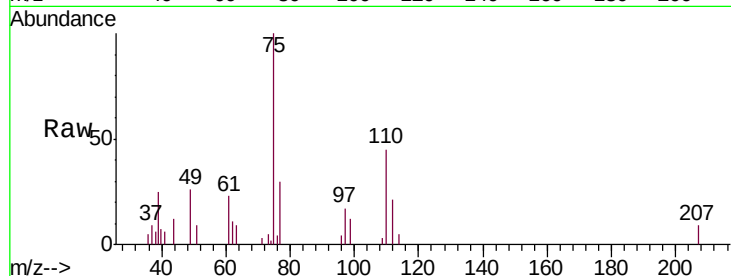
Tgt Ion: 75 Resp: 3140

Ion Ratio Lower Upper

75 100

77 34.8 26.1 39.1

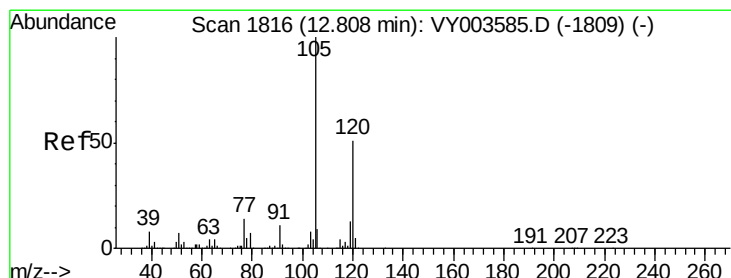
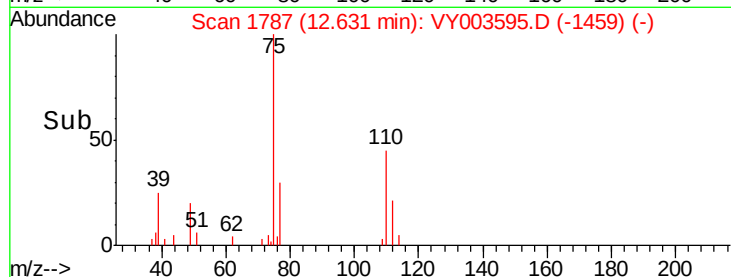
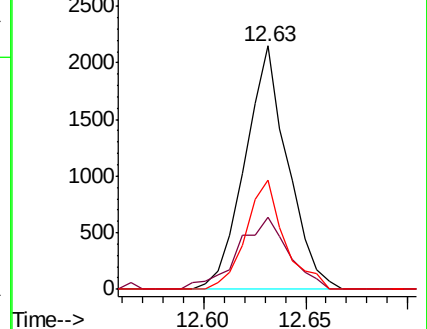
110 40.4 33.4 50.0



Abundance Ion 75.00 (74.70 to 75.70): VY003585.D (-1780) (-)

Ion 77.00 (76.70 to 77.70): VY003585.D (-1780) (-)

Ion 110.00 (109.70 to 110.70): VY003585.D (-1780) (-)



#62

1,3,5-Trimethylbenzene

Concen: 1.189 ug/L

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003595.D

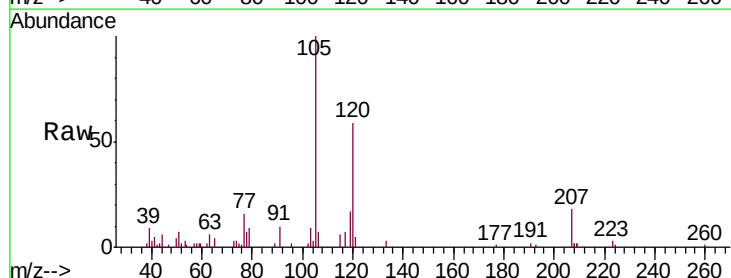
Acq: 23 Nov 2020 16:14

Tgt Ion: 105 Resp: 8195

Ion Ratio Lower Upper

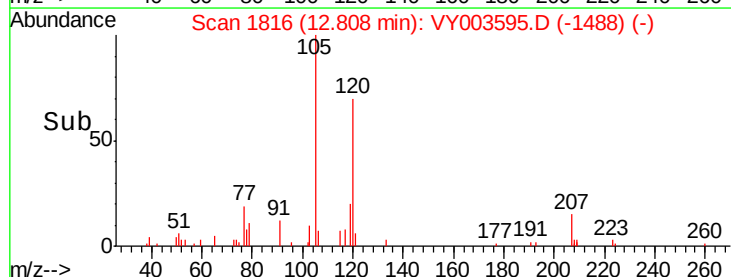
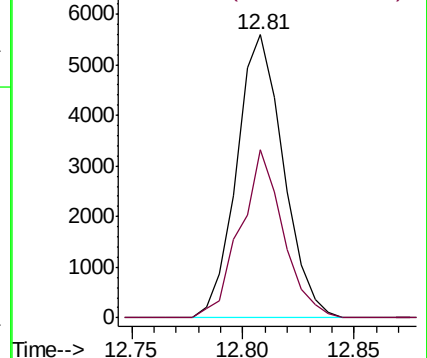
105 100

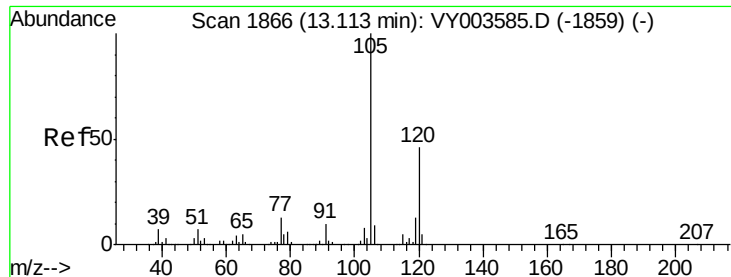
120 54.4 41.8 62.6



Abundance Ion 105.00 (104.70 to 105.70): VY003585.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY003585.D (-1809) (-)

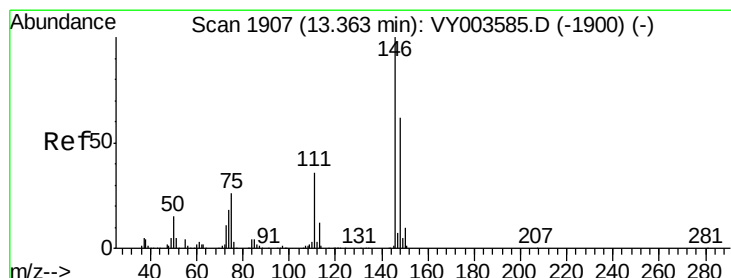
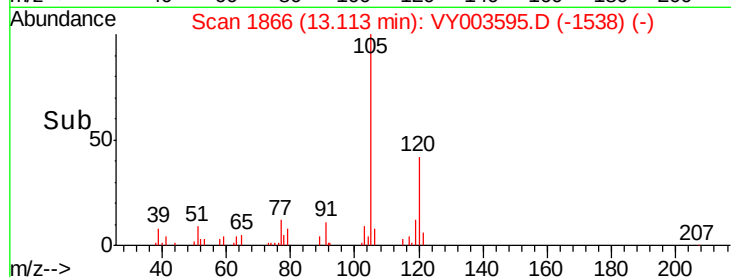
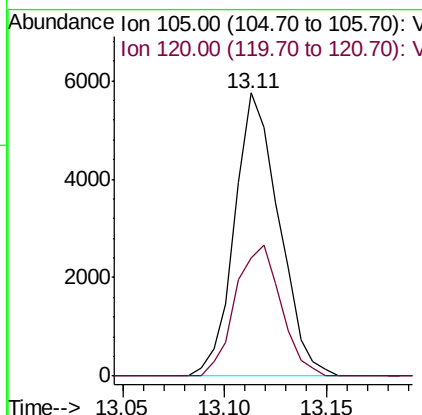
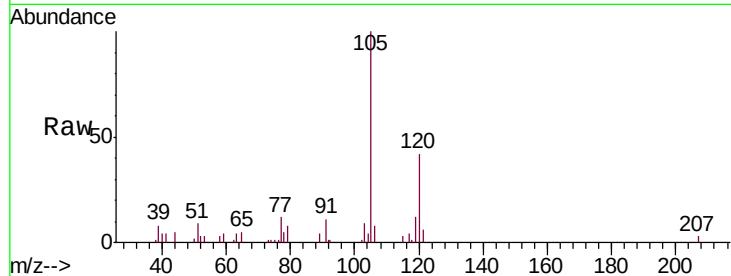




#63
 1,2,4-Trimethylbenzene
 Concen: 1.192 ug/L
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VY003595.D
 Acq: 23 Nov 2020 16:14

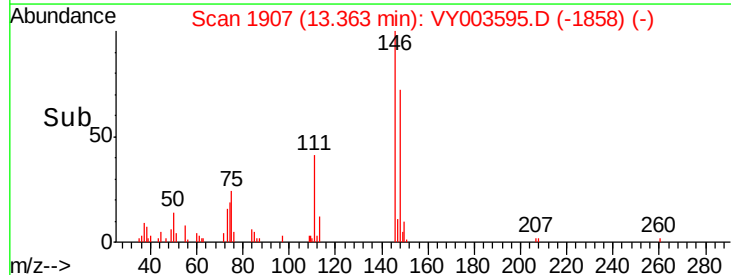
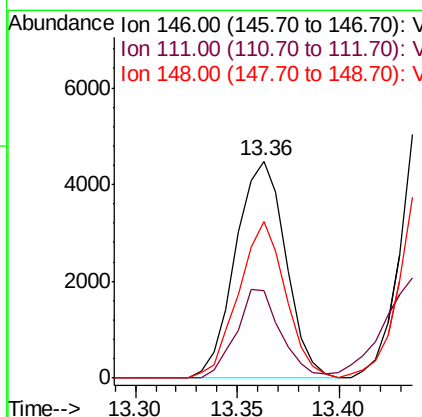
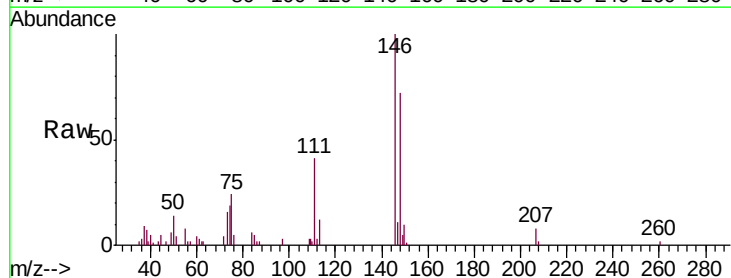
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02586

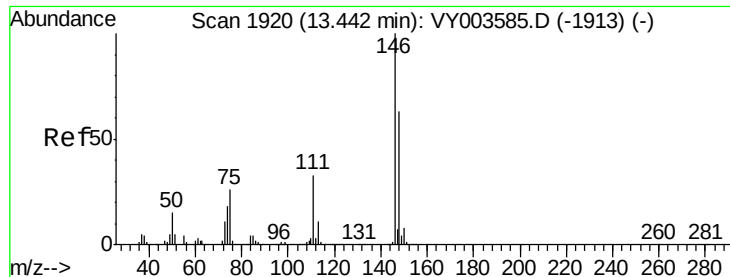
Tgt Ion:105 Resp: 8712
 Ion Ratio Lower Upper
 105 100
 120 47.6 38.2 57.4



#64
 1,3-Dichlorobenzene
 Concen: 1.291 ug/L
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003595.D
 Acq: 23 Nov 2020 16:14

Tgt Ion:146 Resp: 7687
 Ion Ratio Lower Upper
 146 100
 111 40.5 25.5 47.3
 148 72.2 43.3 80.5

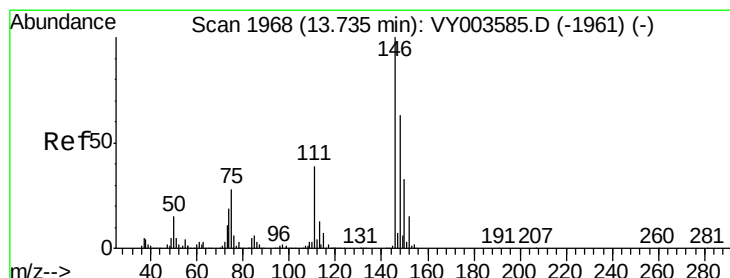
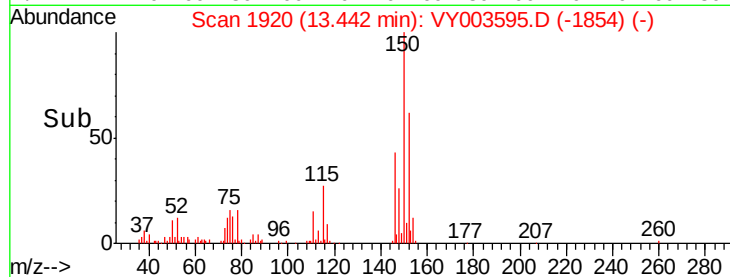
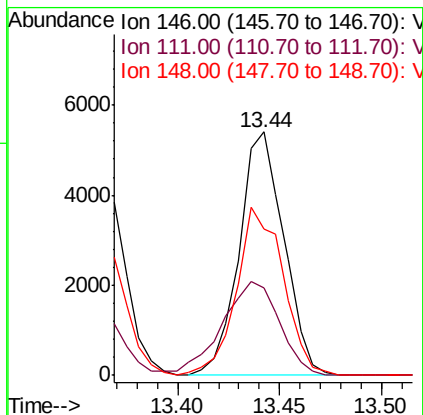
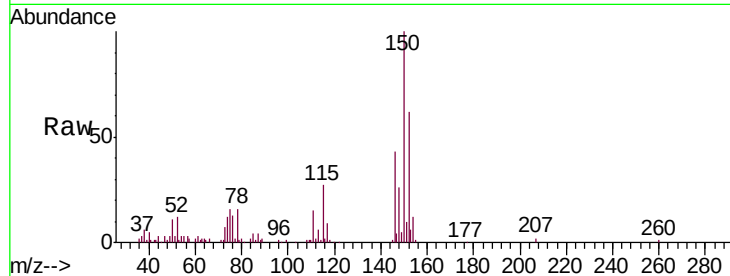




#65
 1,4-Dichlorobenzene
 Concen: 1.329 ug/L
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003595.D
 Acq: 23 Nov 2020 16:14

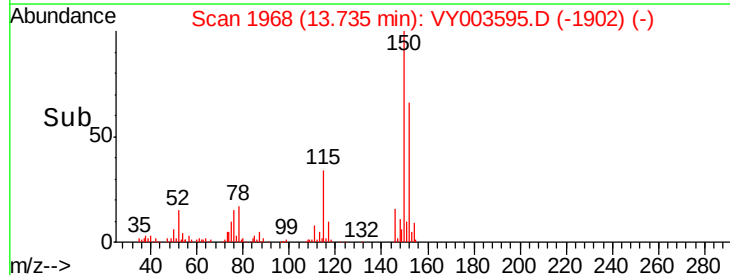
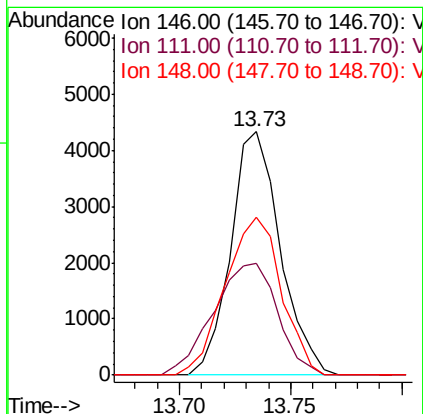
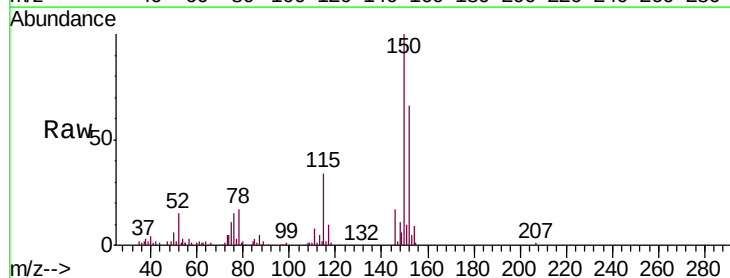
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02586

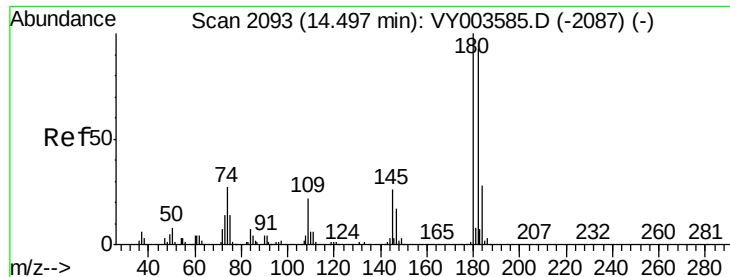
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	23.4	43.6
148	60.0	44.2	82.2



#67
 1,2-Dichlorobenzene
 Concen: 1.337 ug/L
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003595.D
 Acq: 23 Nov 2020 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.1	31.4	47.2
148	64.8	50.2	75.4





#69

1,3,5-Trichlorobenzene

Concen: 1.246 ug/L

RT: 14.50 min Scan# 2093

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTD02586

Tgt Ion:180 Resp: 4003

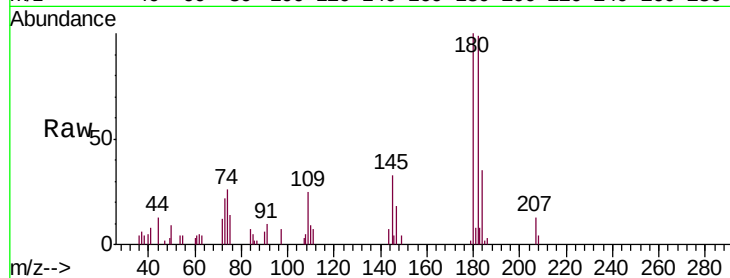
Ion Ratio Lower Upper

180 100

182 104.7 76.6 115.0

184 32.1 23.5 35.3

145 33.1 21.5 32.3#

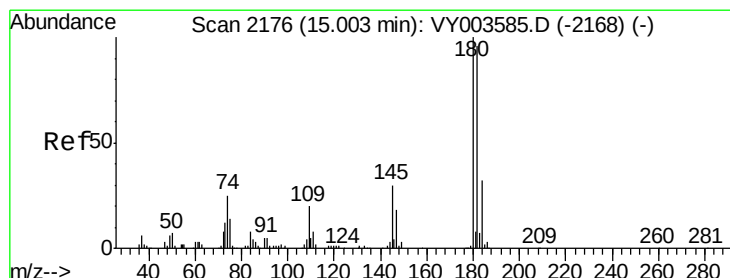
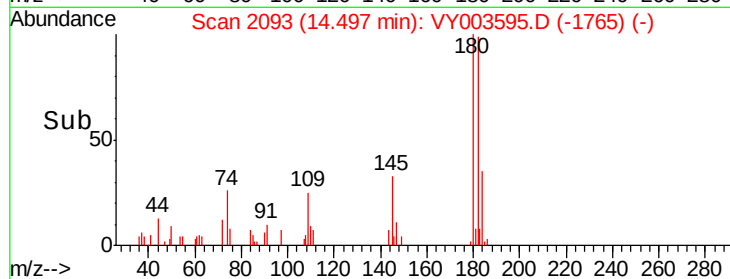
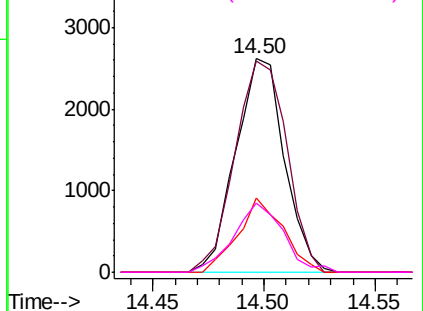


Abundance Ion 180.00 (179.70 to 180.70): V

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



#70

1,2,4-trichlorobenzene

Concen: 1.168 ug/L

RT: 15.00 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VY003595.D

Acq: 23 Nov 2020 16:14

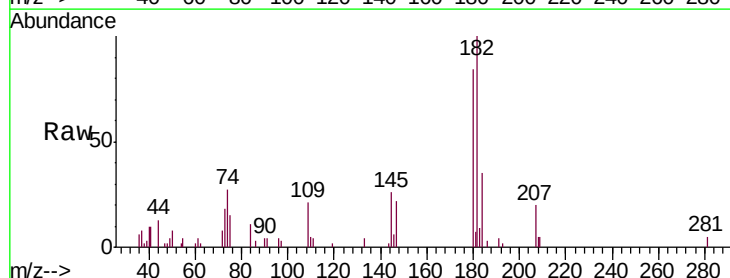
Tgt Ion:180 Resp: 3246

Ion Ratio Lower Upper

180 100

182 106.5 75.7 113.5

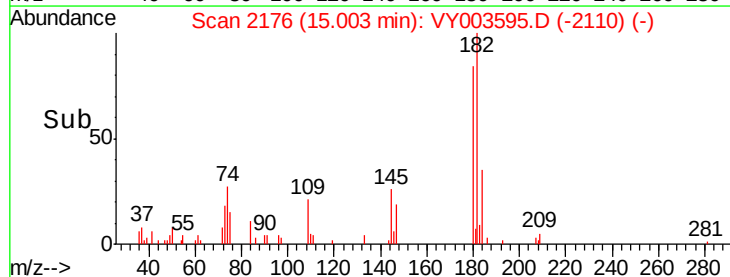
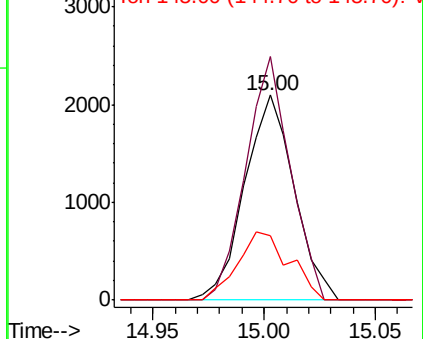
145 34.7 22.5 33.7#

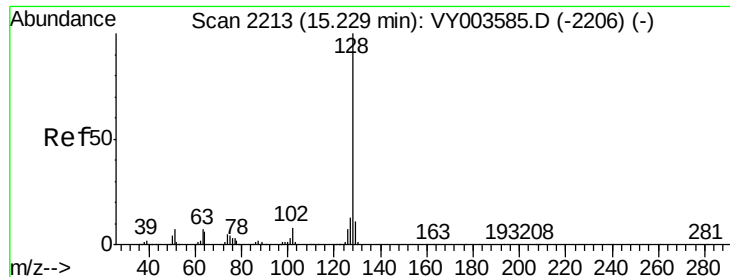


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

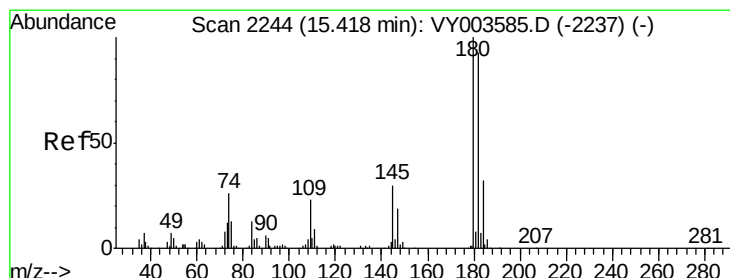
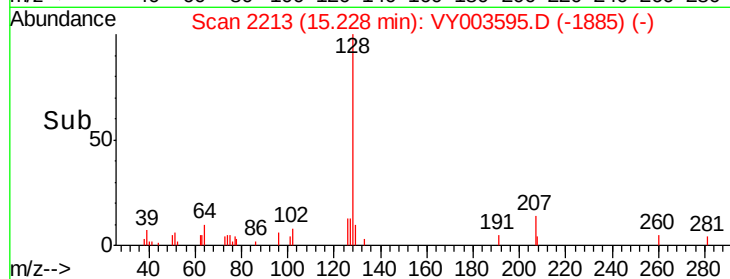
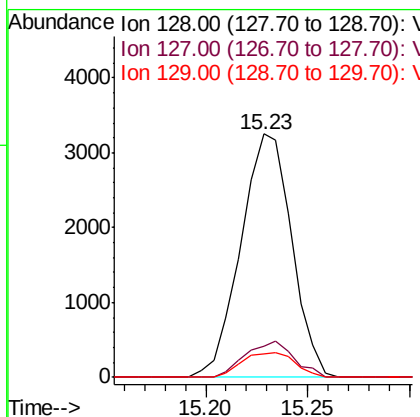
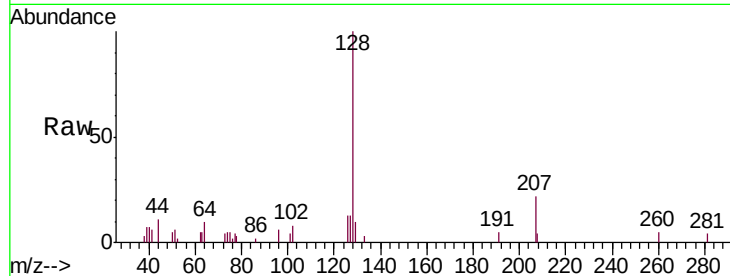




#71
Naphthalene
Concen: 1.123 ug/L
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY003595.D
Acq: 23 Nov 2020 16:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTD02586

Tgt Ion:128 Resp: 5640
Ion Ratio Lower Upper
128 100
127 14.0 10.6 15.8
129 10.6 9.3 13.9



#72
1,2,3-Trichlorobenzene
Concen: 1.188 ug/L
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY003595.D
Acq: 23 Nov 2020 16:14

Tgt Ion:180 Resp: 2496
Ion Ratio Lower Upper
180 100
182 98.0 75.0 112.4
145 33.1 23.6 35.4

