

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120220\
 Data File : VY003640.D
 Acq On : 02 Dec 2020 10:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025409

Quant Time: Dec 03 01:01:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120120SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 02 13:00:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	221918	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	205147	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.43	152	104786	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	68436	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
7) Chloroethane-d5	2.77	69	54548	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	3.87	63	142365	24.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.68%
21) 2-Butanone-d5	6.90	46	69703	55.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.98%
24) Chloroform-d	7.48	84	138298	24.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	8.15	65	73768	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	8.12	84	289663	24.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.36%
36) 1,2-Dichloropropane-d6	9.12	67	86683	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.64%
41) Toluene-d8	10.18	98	260886	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	10.44	79	40575	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.64%
47) 2-Hexanone-d5	10.79	63	53623	56.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.04%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	91446	25.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.88%
66) 1,2-Dichlorobenzene-d4	13.72	152	91059	24.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.96%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.91	85	68120	26.448	ug/L 99
3) Chloromethane	2.12	50	75118	26.893	ug/L 99
5) Vinyl chloride	2.26	62	81267	27.114	ug/L 98
6) Bromomethane	2.66	94	50210	26.755	ug/L 98
8) Chloroethane	2.80	64	49172	26.276	ug/L 93
9) Trichlorofluoromethane	3.14	101	123192	27.083	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	80120	26.386	ug/L 98
12) 1,1-Dichloroethene	3.89	96	76082	26.374	ug/L 89
13) Acetone	3.96	43	53019	59.430	ug/L 94
14) Carbon disulfide	4.21	76	255347	26.794	ug/L 100
15) Methyl Acetate	4.49	43	56568	26.331	ug/L 97
16) Methylene chloride	4.73	84	82155	21.930	ug/L 94
17) trans-1,2-Dichloroethene	5.23	96	83230	26.270	ug/L 96
18) Methyl tert-butyl Ether	5.23	73	190006	24.538	ug/L 99
19) 1,1-Dichloroethane	6.03	63	139337	26.126	ug/L 100
20) cis-1,2-Dichloroethene	7.00	96	87348	26.289	ug/L 89
22) 2-Butanone	7.00	43	82760	55.180	ug/L 99

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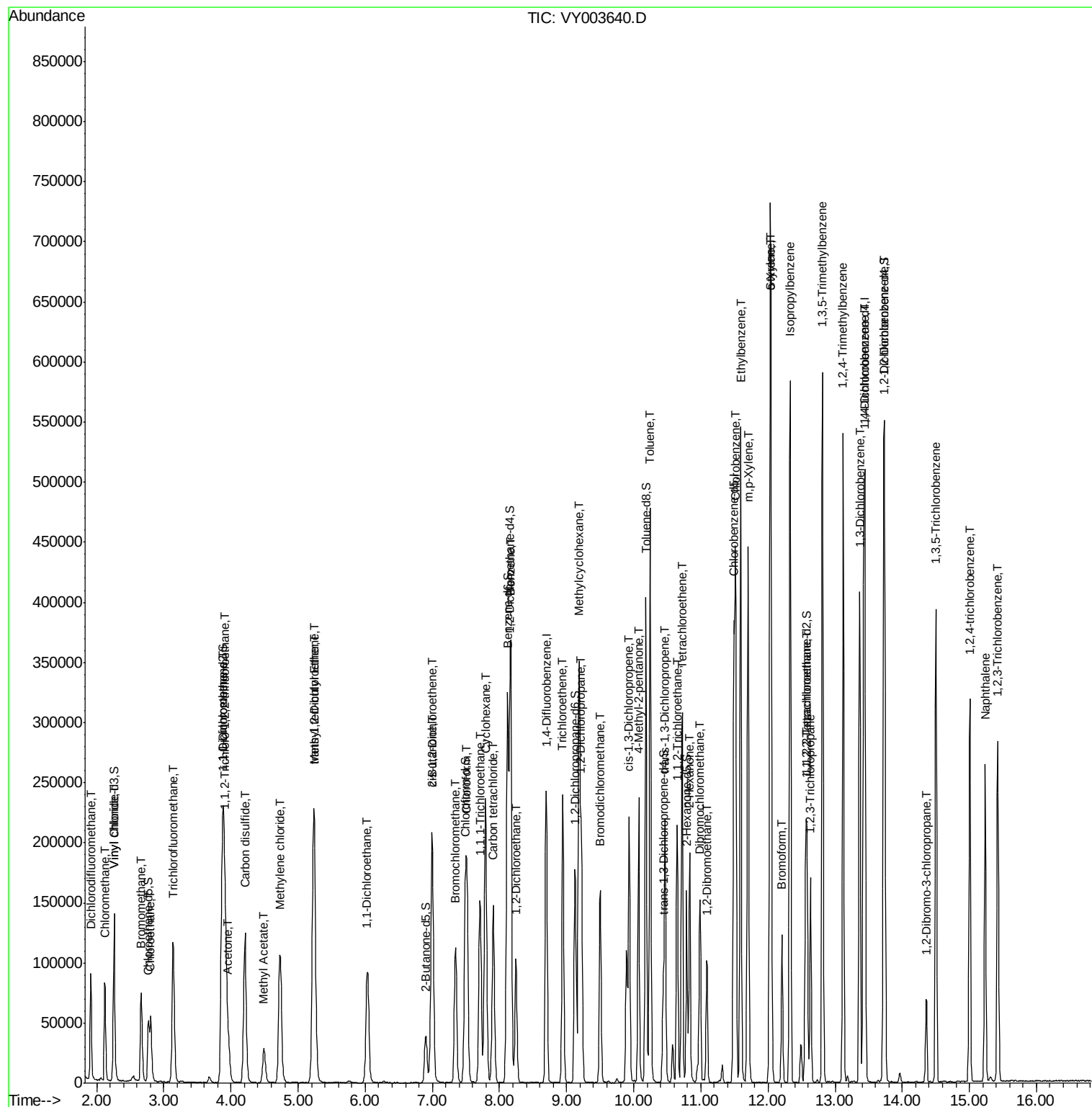
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.34	128	41088	25.358	ug/L	96
25) Chloroform	7.51	83	136732	25.590	ug/L	97
27) 1,2-Dichloroethane	8.25	62	89572	25.468	ug/L	96
29) Cyclohexane	7.79	56	134308	27.575	ug/L	100
30) 1,1,1-Trichloroethane	7.71	97	125998	26.940	ug/L	100
31) Carbon tetrachloride	7.90	117	113389	26.861	ug/L	99
33) Benzene	8.17	78	329188	26.256	ug/L	100
34) Trichloroethene	8.94	95	81762	26.126	ug/L	97
35) Methylcyclohexane	9.18	83	144854	27.071	ug/L	99
37) 1,2-Dichloropropane	9.22	63	81479	25.601	ug/L	99
38) Bromodichloromethane	9.50	83	102089	25.483	ug/L	97
39) cis-1,3-Dichloropropene	9.93	75	125877	25.601	ug/L	95
40) 4-Methyl-2-pentanone	10.08	43	155063	55.493	ug/L	99
42) Toluene	10.25	91	348634	26.469	ug/L	100
44) trans-1,3-Dichloropropene	10.47	75	114762	25.286	ug/L	98
45) 1,1,2-Trichloroethane	10.65	97	65212	24.399	ug/L	97
46) Tetrachloroethene	10.72	164	69973	26.124	ug/L	98
48) 2-Hexanone	10.83	43	117725	57.713	ug/L	99
49) Dibromochloromethane	10.98	129	77235	25.005	ug/L	98
50) 1,2-Dibromoethane	11.09	107	63783	24.674	ug/L	96
51) Chlorobenzene	11.51	112	217871	25.673	ug/L	99
52) Ethylbenzene	11.59	91	371278	26.344	ug/L	99
53) m,p-Xylene	11.70	106	144716	26.257	ug/L	96
54) o-Xylene	12.03	106	137417	26.397	ug/L	100
55) Styrene	12.04	104	237336	26.647	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.58	83	91267	25.770	ug/L	96
59) Bromoform	12.21	173	53501	26.007	ug/L	99
60) Isopropylbenzene	12.33	105	365736	27.302	ug/L	100
61) 1,2,3-Trichloropropane	12.64	75	65021	25.948	ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	292955	27.579	ug/L	99
63) 1,2,4-Trimethylbenzene	13.12	105	286648	27.312	ug/L	99
64) 1,3-Dichlorobenzene	13.37	146	170533	26.311	ug/L	97
65) 1,4-Dichlorobenzene	13.45	146	168185	25.537	ug/L	99
67) 1,2-Dichlorobenzene	13.74	146	156723	25.752	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.35	75	15780	27.138	ug/L	92
69) 1,3,5-Trichlorobenzene	14.50	180	119152	26.169	ug/L	99
70) 1,2,4-trichlorobenzene	15.01	180	98171	25.313	ug/L	99
71) Naphthalene	15.23	128	218279	25.780	ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	90473	25.400	ug/L	100

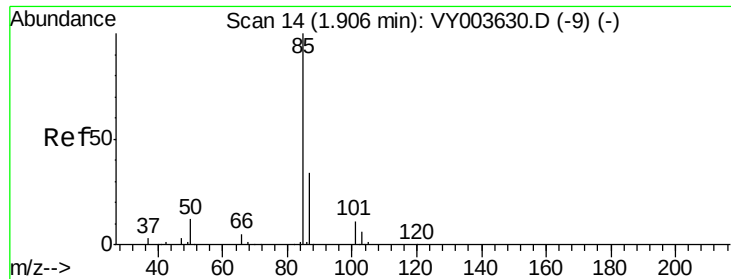
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 26.448 ug/L

RT: 1.91 min Scan# 15

Delta R.T. 0.01 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Instrument :

MSVOA_Y

ClientSampleId :

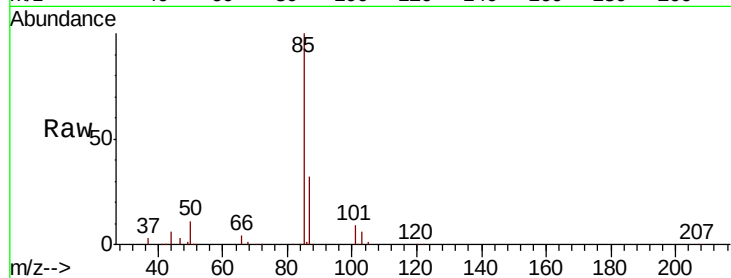
VSTD025409

Tot Ion: 85 Resp: 68120

Ion Ratio Lower Upper

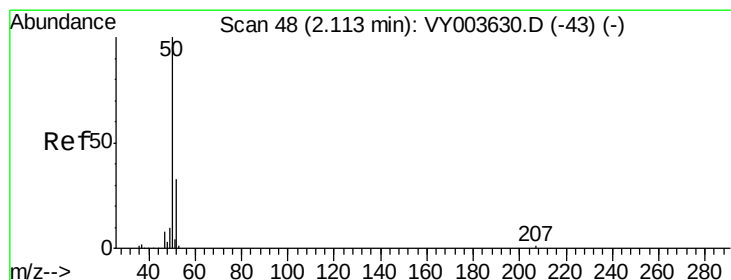
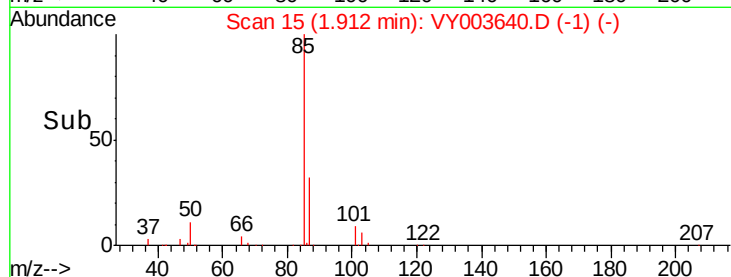
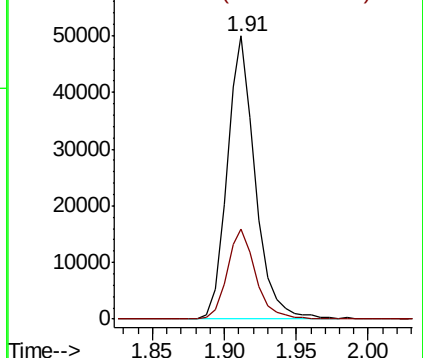
85 100

87 32.5 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#3

Chloromethane

Concen: 26.893 ug/L

RT: 2.12 min Scan# 49

Delta R.T. 0.01 min

Lab File: VY003640.D

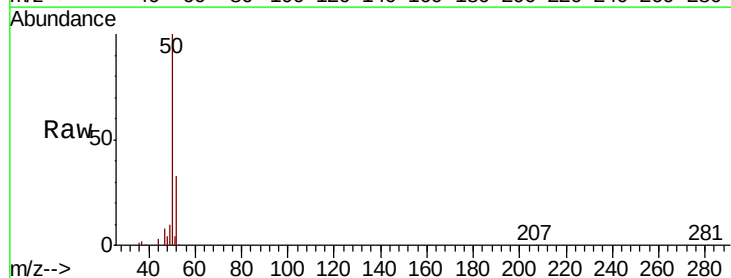
Acq: 02 Dec 2020 10:18

Tgt Ion: 50 Resp: 75118

Ion Ratio Lower Upper

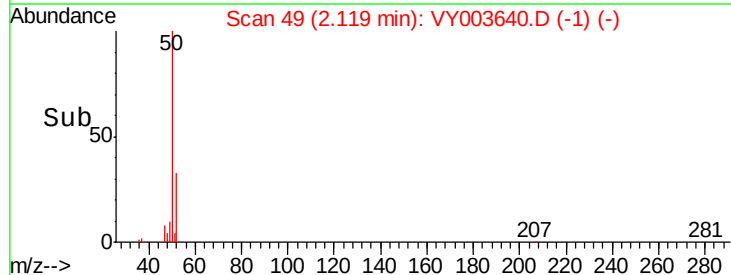
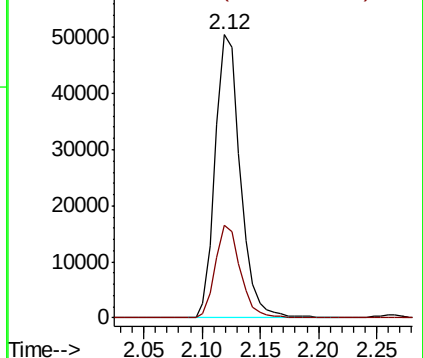
50 100

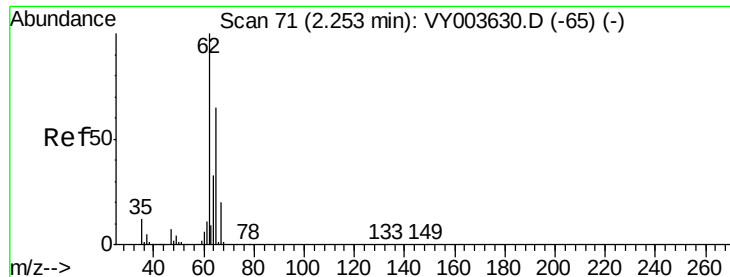
52 32.8 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#5

Vinyl chloride

Concen: 27.114 ug/L

RT: 2.26 min Scan# 72

Delta R.T. 0.01 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Instrument :

MSVOA_Y

ClientSampleId :

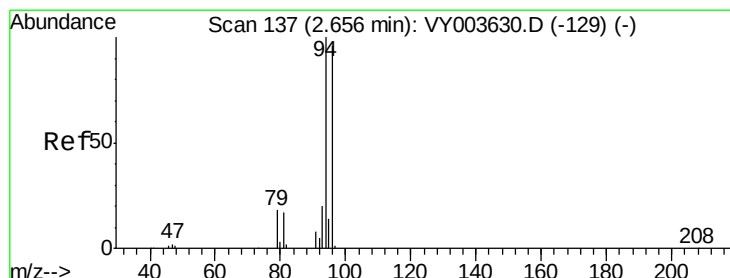
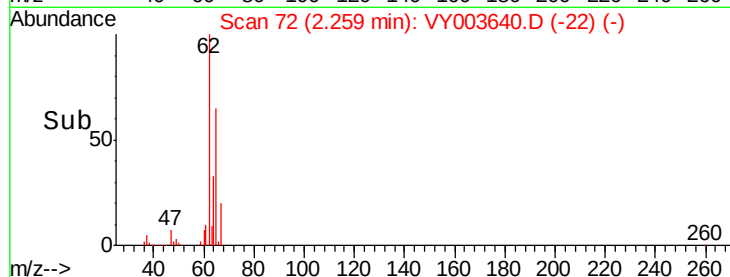
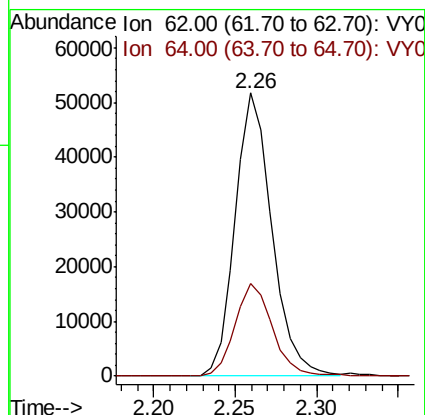
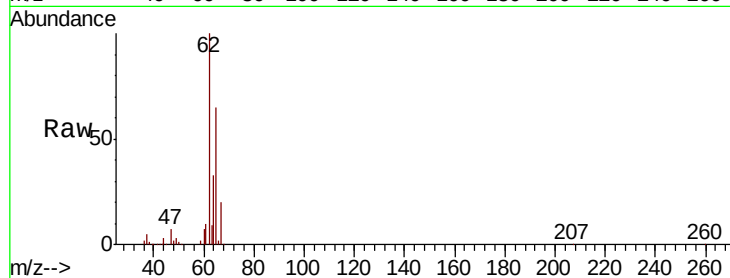
VSTD025409

Tot Ion: 62 Resp: 81267

Ion Ratio Lower Upper

62 100

64 32.5 21.9 40.7



#6

Bromomethane

Concen: 26.755 ug/L

RT: 2.66 min Scan# 138

Delta R.T. 0.00 min

Lab File: VY003640.D

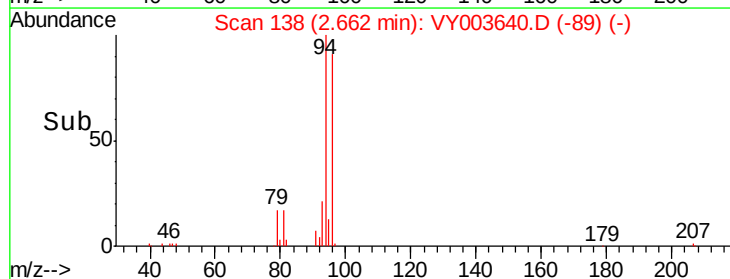
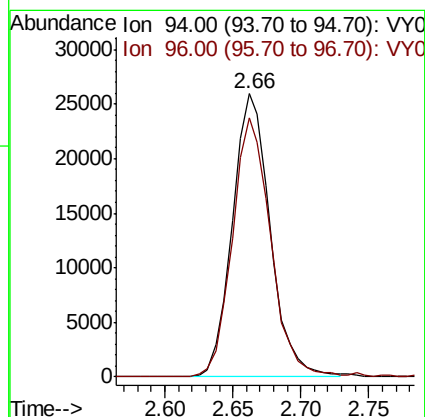
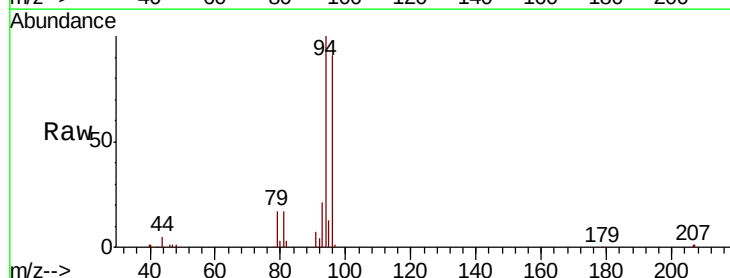
Acq: 02 Dec 2020 10:18

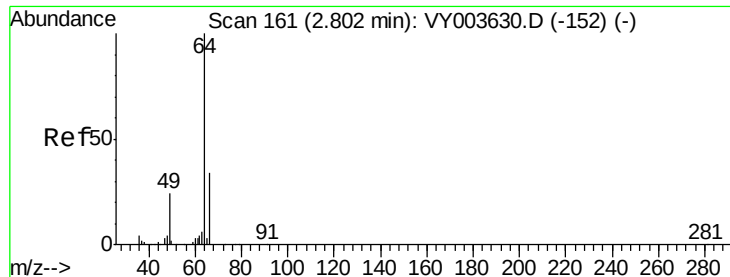
Tgt Ion: 94 Resp: 50210

Ion Ratio Lower Upper

94 100

96 91.4 65.2 121.0

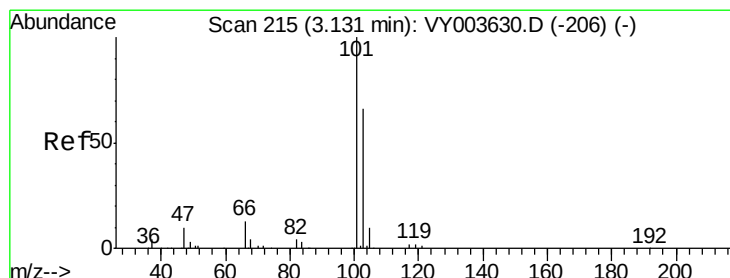
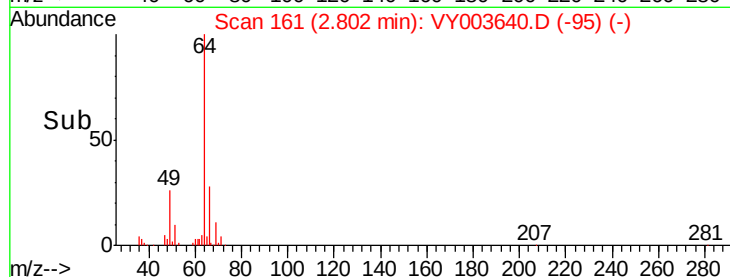
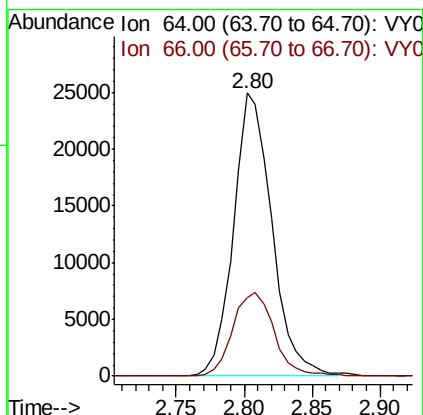
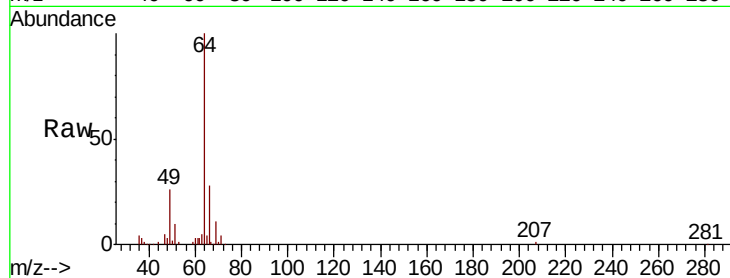




#8
Chloroethane
Concen: 26.276 ug/L
RT: 2.80 min Scan# 161
Delta R.T. 0.00 min
Lab File: VY003640.D
Acq: 02 Dec 2020 10:18

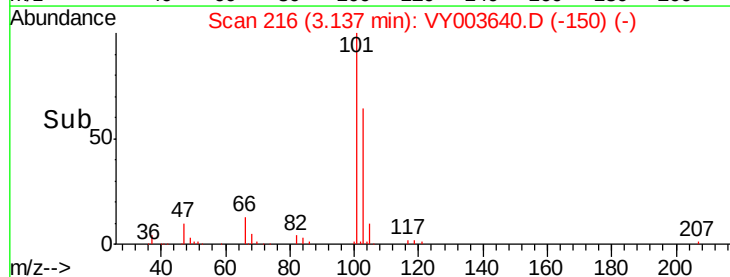
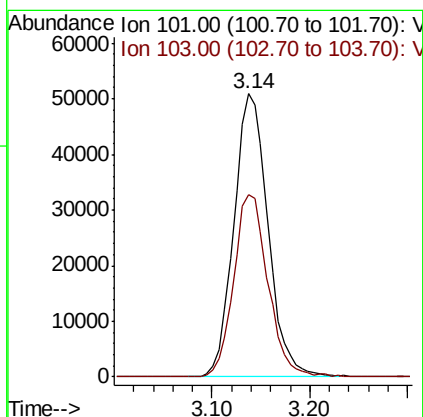
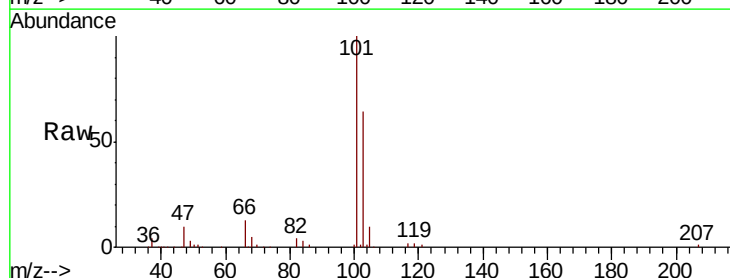
Instrument :
MSVOA_Y
ClientSampled :
VSTD025409

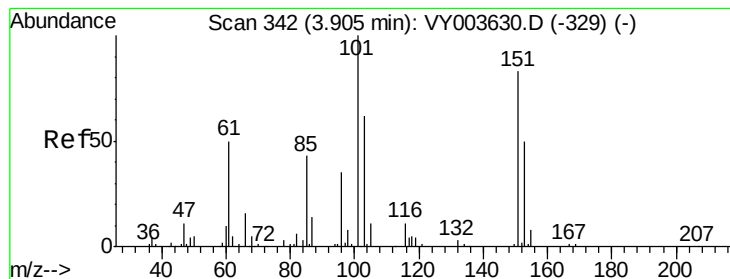
Tot Ion: 64 Resp: 49172
Ion Ratio Lower Upper
64 100
66 27.6 22.2 41.2



#9
Trichlorofluoromethane
Concen: 27.083 ug/L
RT: 3.14 min Scan# 216
Delta R.T. 0.00 min
Lab File: VY003640.D
Acq: 02 Dec 2020 10:18

Tgt Ion: 101 Resp: 123192
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9





#10

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

Concen: 26.386 ug/L

RT: 3.91 min Scan# 343

Delta R.T. 0.01 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025409

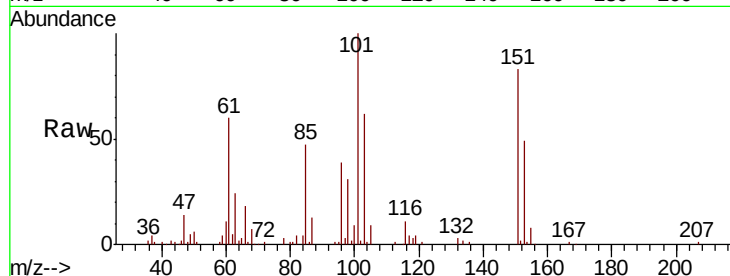
Tot Ion:101 Resp: 80120

Ion Ratio Lower Upper

101 100

85 42.8 35.6 53.4

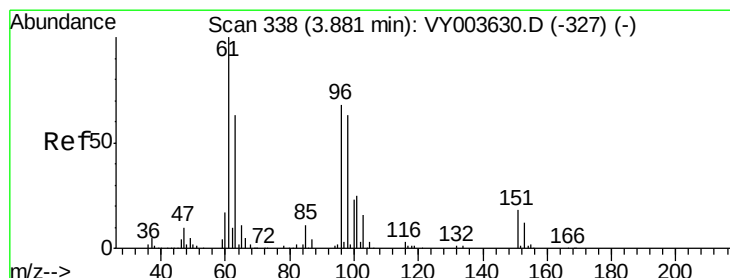
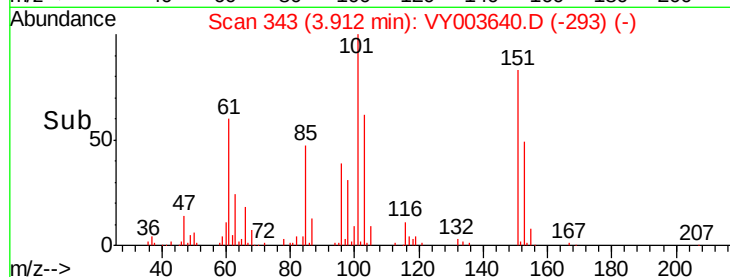
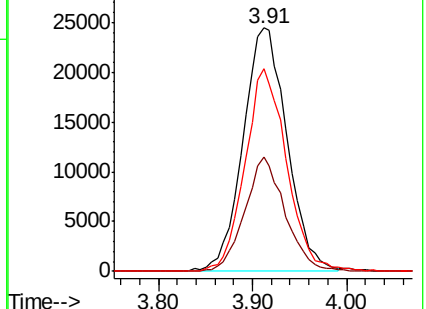
151 78.7 64.2 96.2



Abundance Ion 101.00 (100.70 to 101.70): VY003630.D (-329) (-)

Ion 85.00 (84.70 to 85.70): VY003630.D (-329) (-)

Ion 151.00 (150.70 to 151.70): VY003630.D (-329) (-)



#12

1,1-Dichloroethene

Concen: 26.374 ug/L

RT: 3.89 min Scan# 339

Delta R.T. 0.00 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

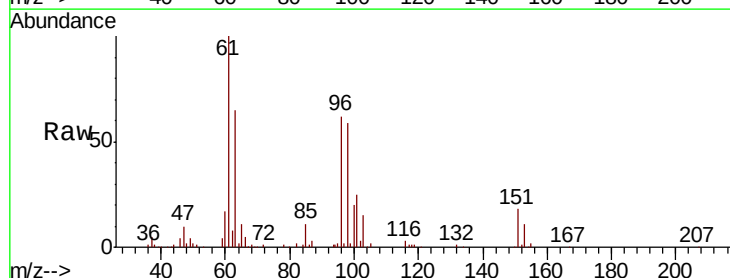
Tgt Ion: 96 Resp: 76082

Ion Ratio Lower Upper

96 100

61 162.4 106.1 197.1

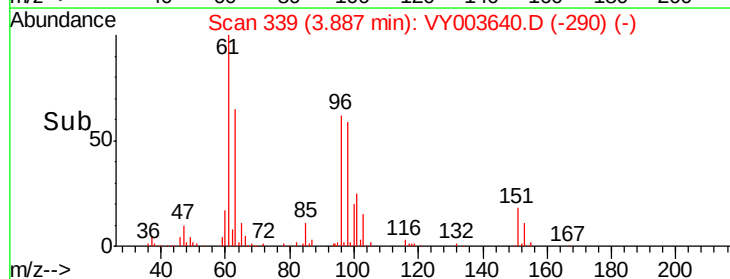
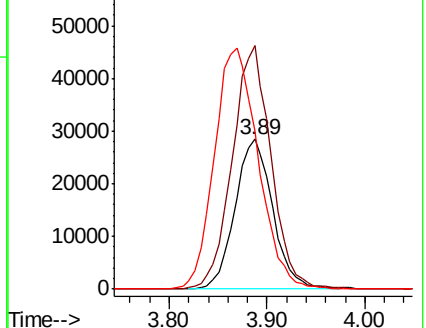
63 104.9 62.9 116.9

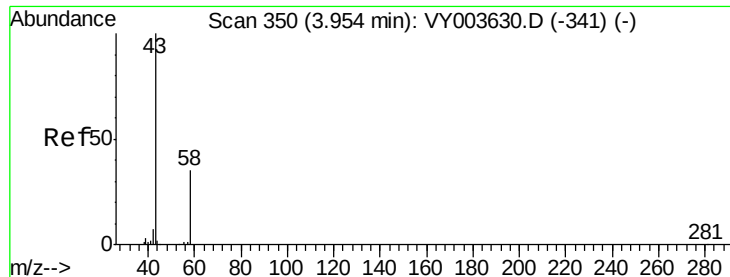


Abundance Ion 96.00 (95.70 to 96.70): VY003630.D (-327) (-)

Ion 61.00 (60.70 to 61.70): VY003630.D (-327) (-)

Ion 63.00 (62.70 to 63.70): VY003630.D (-327) (-)





#13

Acetone

Concen: 59.430 ug/L

RT: 3.96 min Scan# 351

Delta R.T. -0.01 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Instrument :

MSVOA_Y

ClientSampleId :

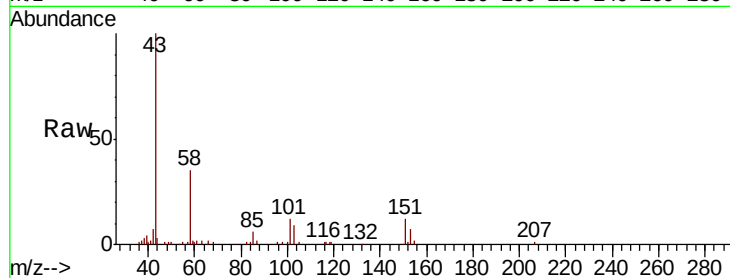
VSTD025409

Tot Ion: 43 Resp: 53019

Ion Ratio Lower Upper

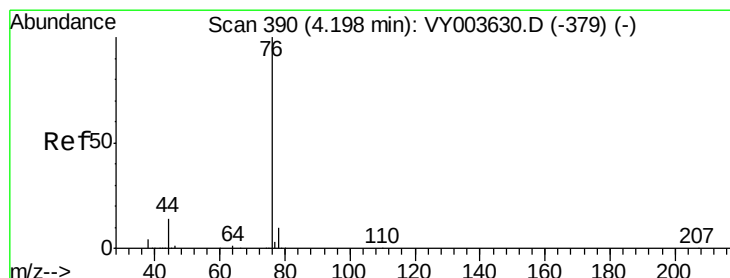
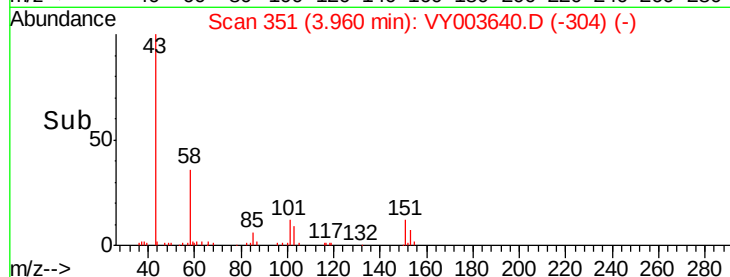
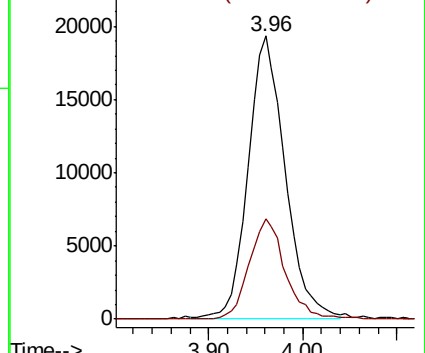
43 100

58 34.0 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#14

Carbon disulfide

Concen: 26.794 ug/L

RT: 4.21 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY003640.D

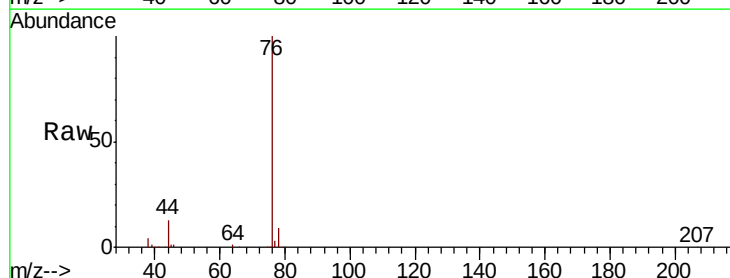
Acq: 02 Dec 2020 10:18

Tgt Ion: 76 Resp: 255347

Ion Ratio Lower Upper

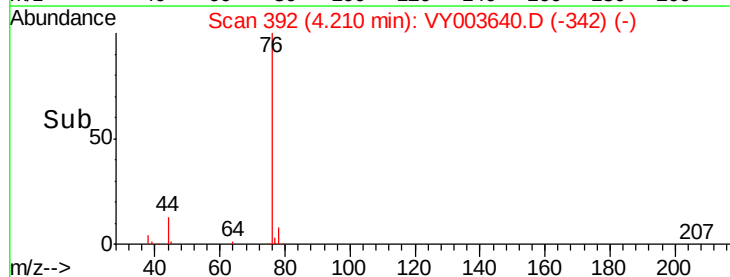
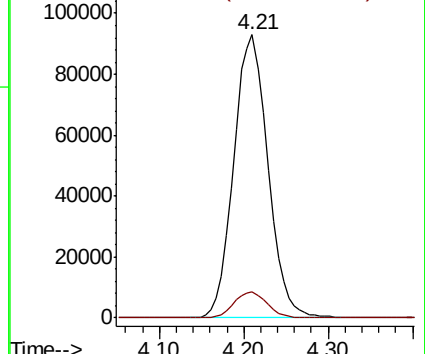
76 100

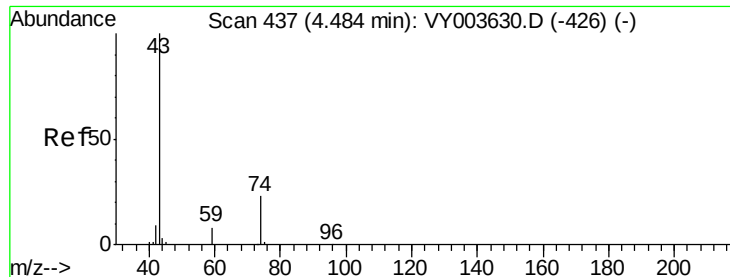
78 9.2 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VY0

Ion 78.00 (77.70 to 78.70): VY0

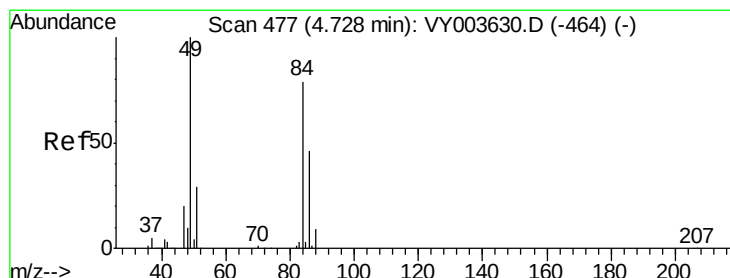
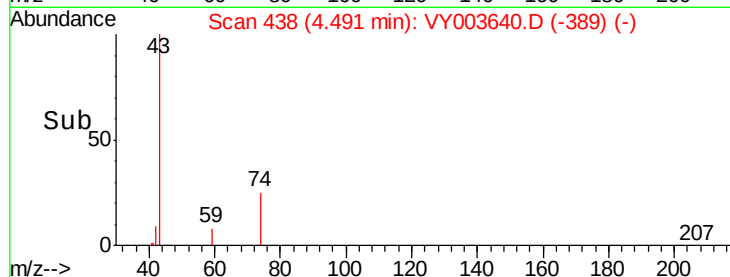
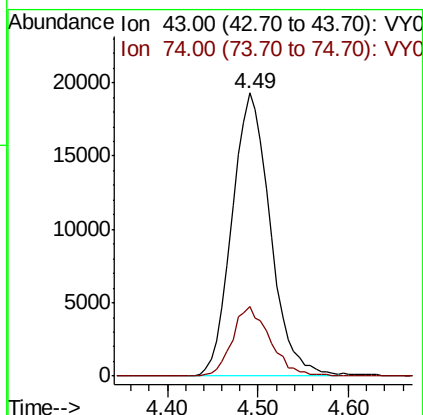
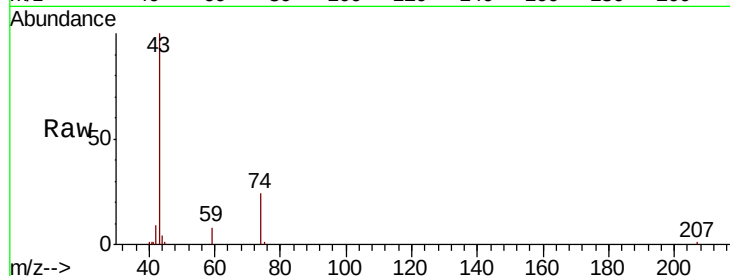




#15
Methyl Acetate
Concen: 26.331 ug/L
RT: 4.49 min Scan# 438
Delta R.T. 0.00 min
Lab File: VY003640.D
Acq: 02 Dec 2020 10:18

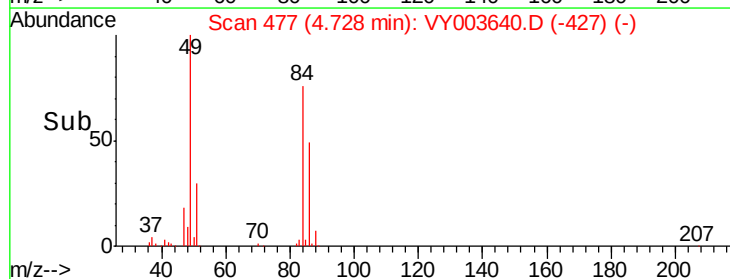
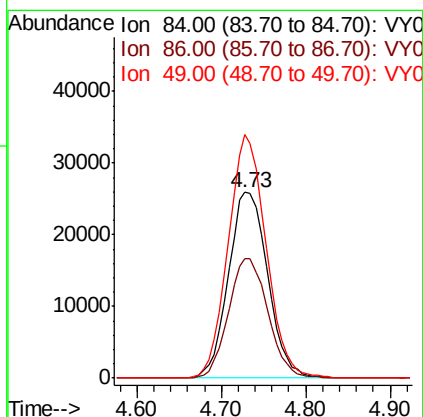
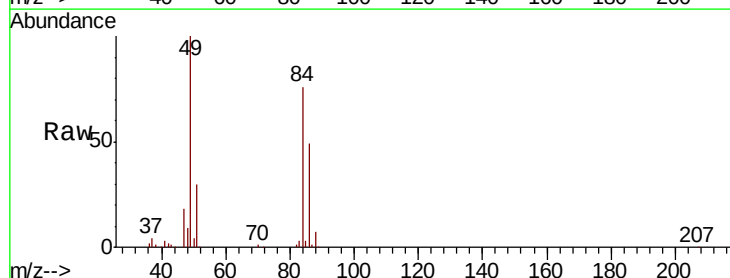
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025409

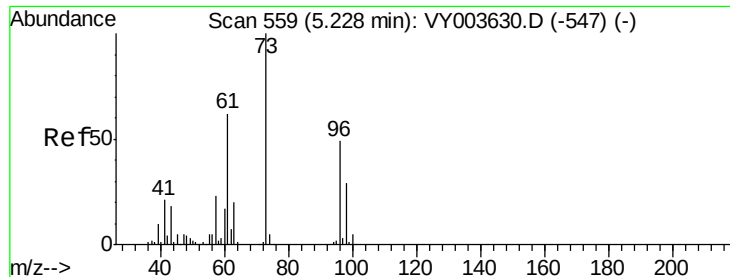
Tot Ion: 43 Resp: 56568
Ion Ratio Lower Upper
43 100
74 23.9 18.2 27.2



#16
Methylene chloride
Concen: 21.930 ug/L
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VY003640.D
Acq: 02 Dec 2020 10:18

Tgt Ion: 84 Resp: 82155
Ion Ratio Lower Upper
84 100
86 64.1 43.3 80.3
49 131.1 85.3 158.5

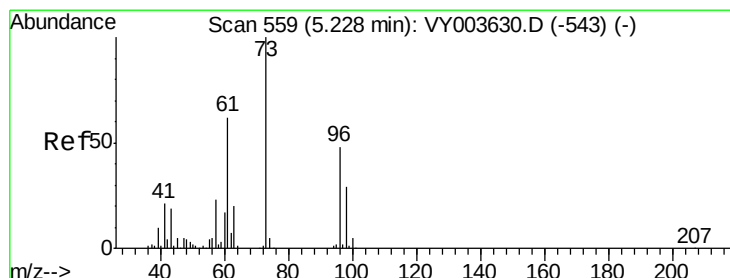
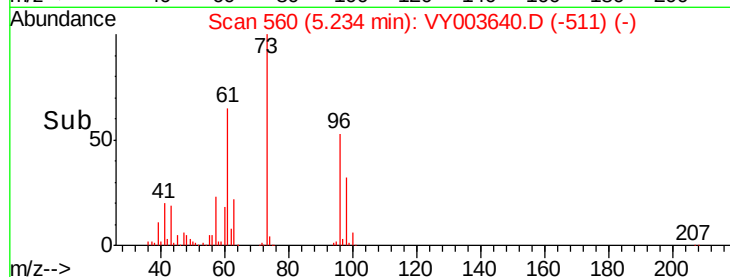
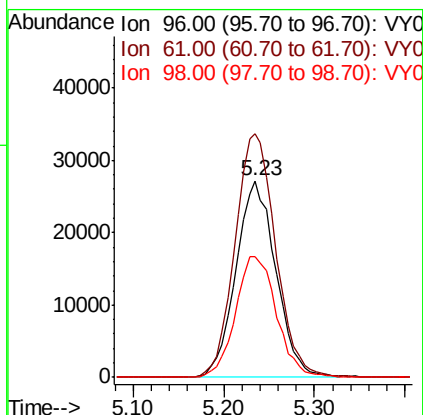
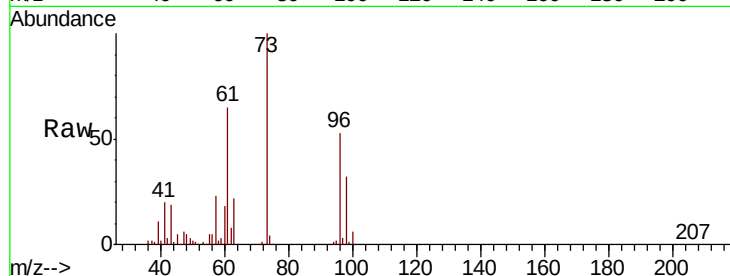




#17
trans-1,2-Dichloroethene
Concen: 26.270 ug/L
RT: 5.23 min Scan# 560
Delta R.T. 0.00 min
Lab File: VY003640.D
Acq: 02 Dec 2020 10:18

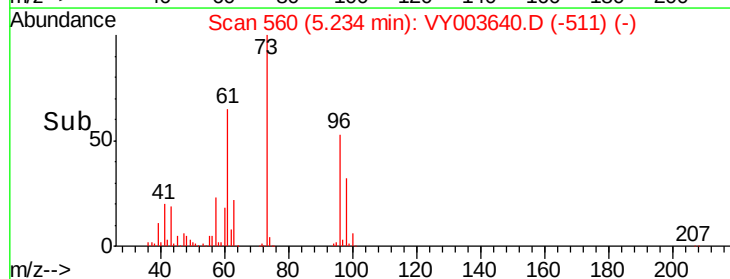
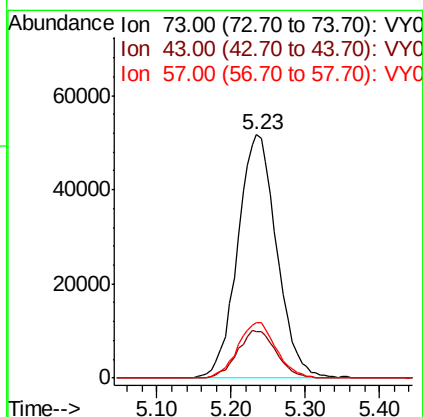
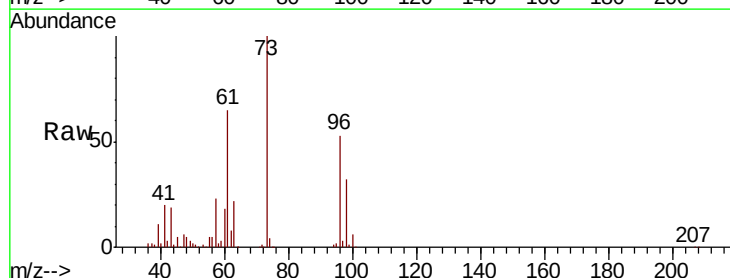
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025409

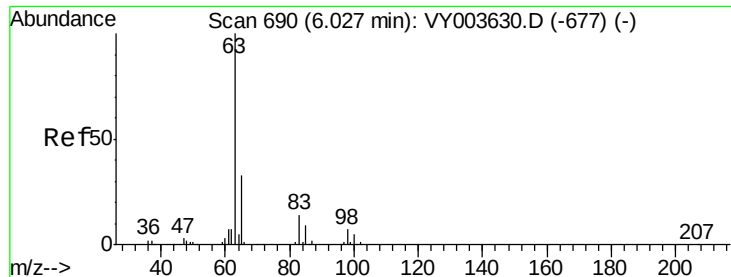
Tot Ion: 96 Resp: 83230
Ion Ratio Lower Upper
96 100
61 123.8 89.5 166.1
98 61.4 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 24.538 ug/L
RT: 5.23 min Scan# 560
Delta R.T. 0.00 min
Lab File: VY003640.D
Acq: 02 Dec 2020 10:18

Tgt Ion: 73 Resp: 190006
Ion Ratio Lower Upper
73 100
43 19.4 15.2 22.8
57 22.7 18.1 27.1

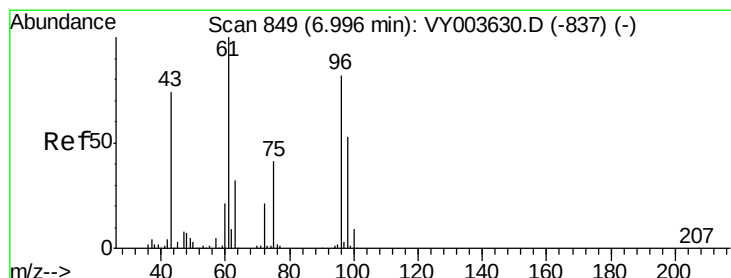
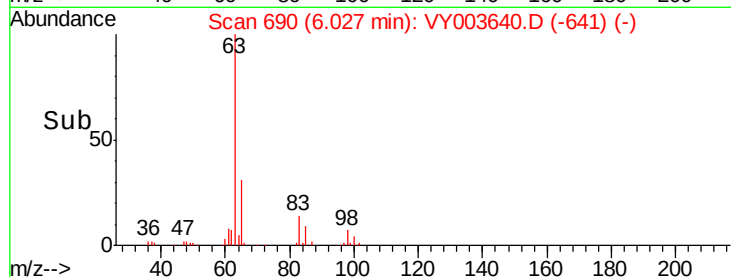
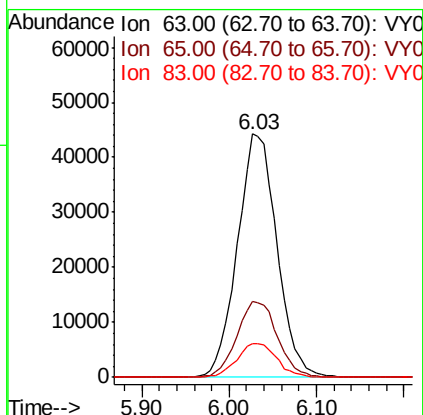
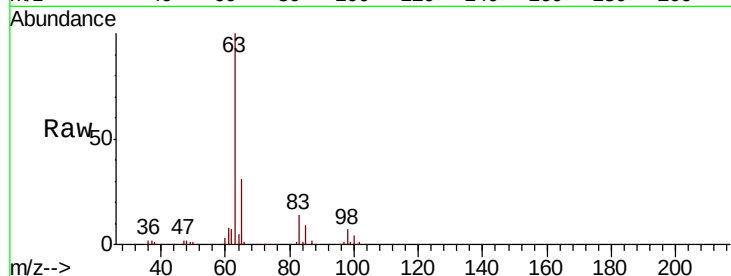




#19
 1,1-Dichloroethane
 Concen: 26.126 ug/L
 RT: 6.03 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

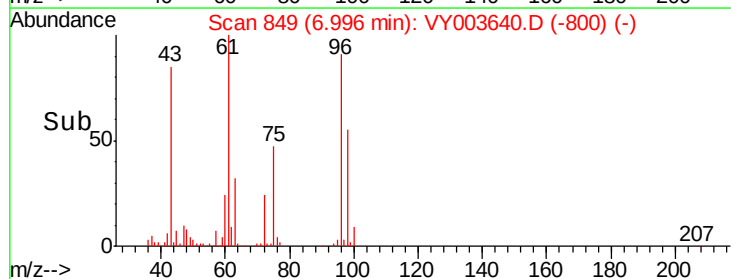
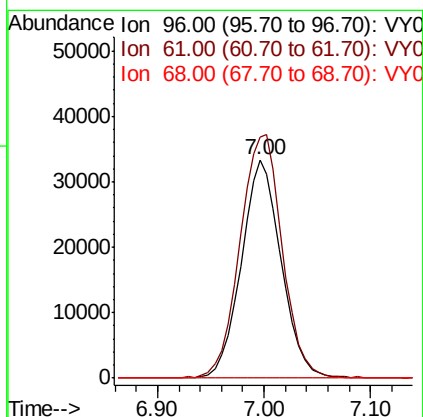
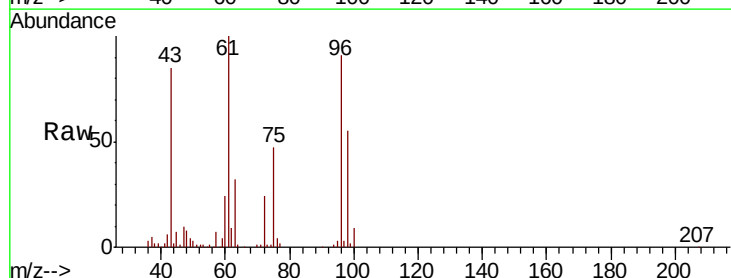
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025409

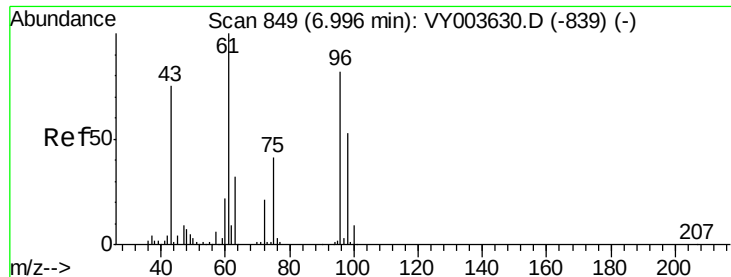
Tot Ion:	63	Resp:	139337
Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.9	40.7
83	14.1	9.5	17.7



#20
 cis-1,2-Dichloroethene
 Concen: 26.289 ug/L
 RT: 7.00 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

Tgt Ion:	96	Resp:	87348
Ion	Ratio	Lower	Upper
96	100		
61	110.3	85.8	159.4
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 55.180 ug/L

RT: 7.00 min Scan# 849

Delta R.T. 0.00 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Instrument :

MSVOA_Y

ClientSampleId :

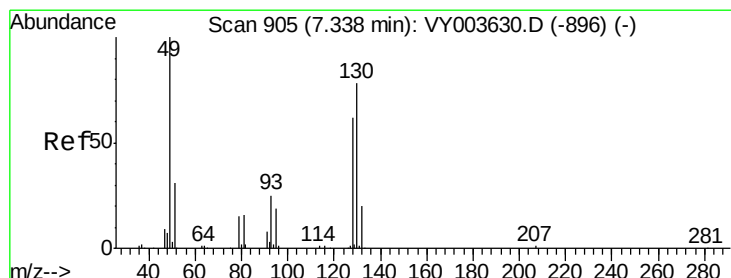
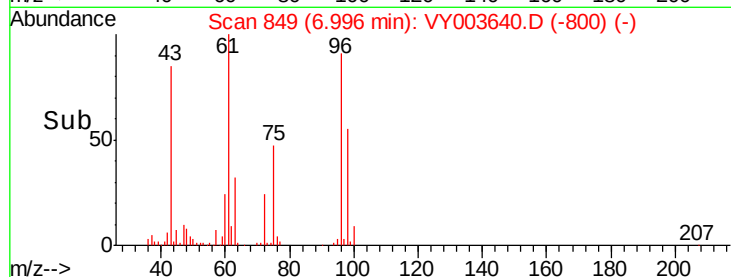
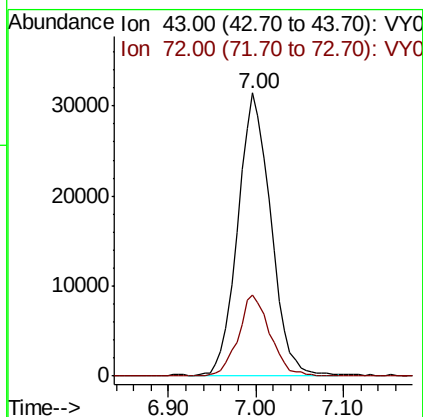
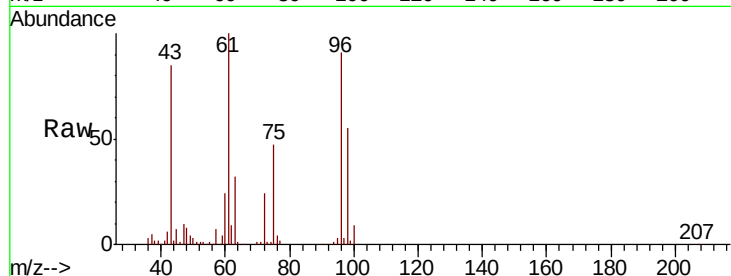
VSTD025409

Tot Ion: 43 Resp: 82760

Ion Ratio Lower Upper

43 100

72 27.4 13.5 40.5



#23

Bromochloromethane

Concen: 25.358 ug/L

RT: 7.34 min Scan# 906

Delta R.T. 0.00 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Tgt Ion:128 Resp: 41088

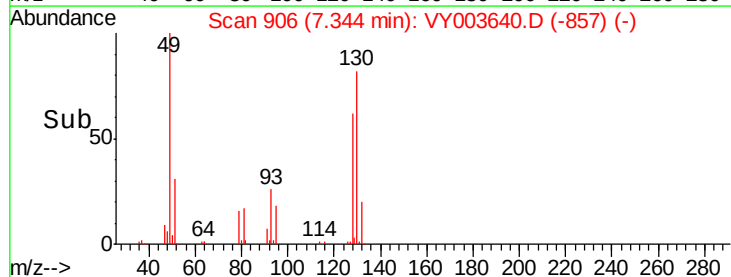
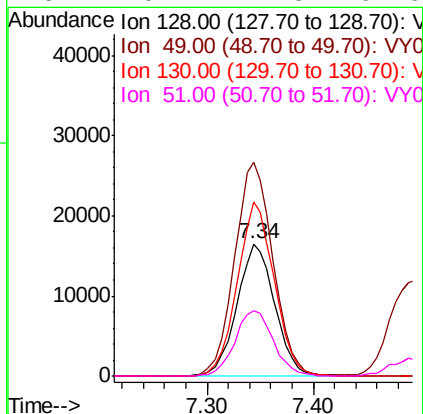
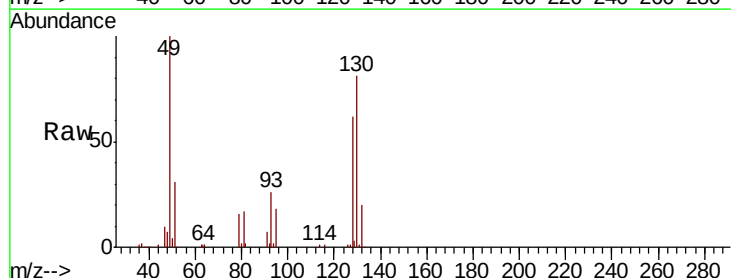
Ion Ratio Lower Upper

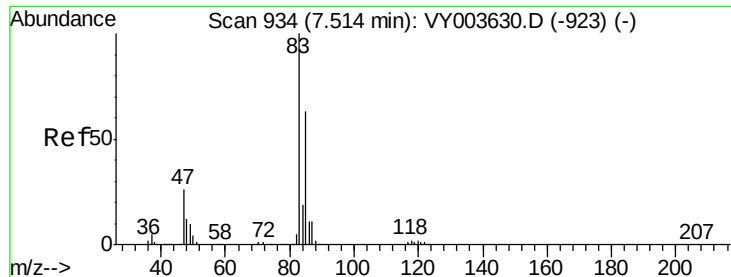
128 100

49 161.7 118.1 219.3

130 131.7 90.5 168.1

51 49.4 41.3 61.9

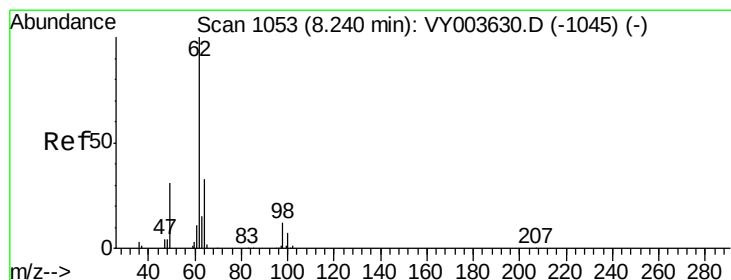
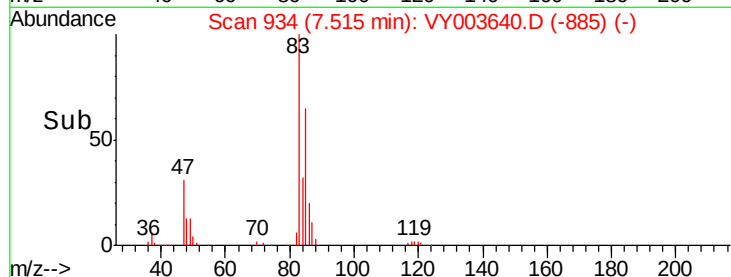
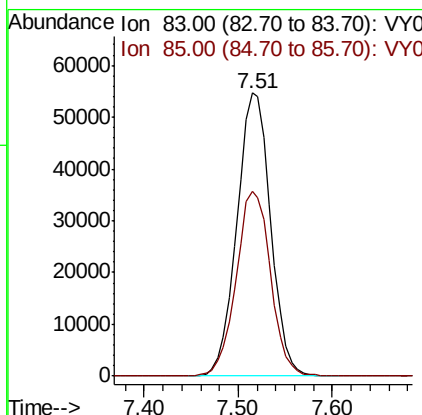
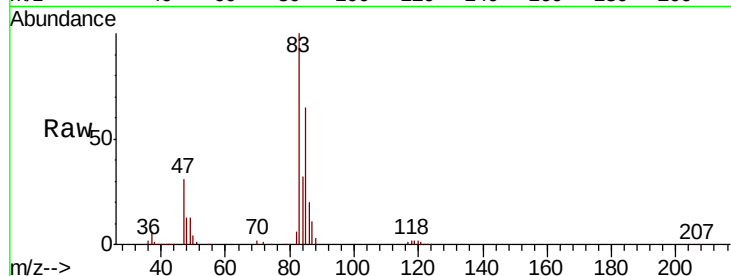




#25
Chloroform
Concen: 25.590 ug/L
RT: 7.51 min Scan# 934
Delta R.T. 0.00 min
Lab File: VY003640.D
Acq: 02 Dec 2020 10:18

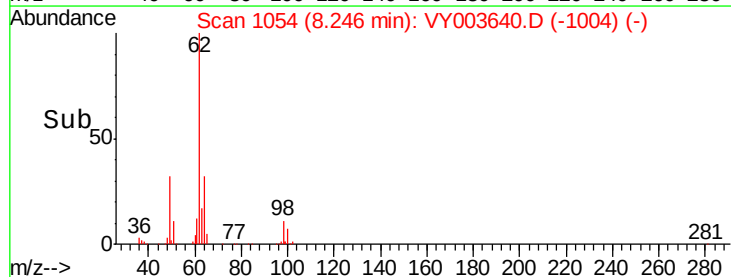
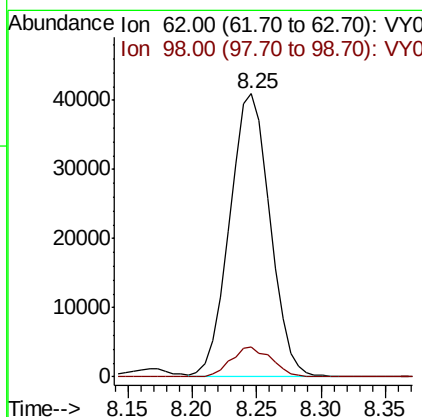
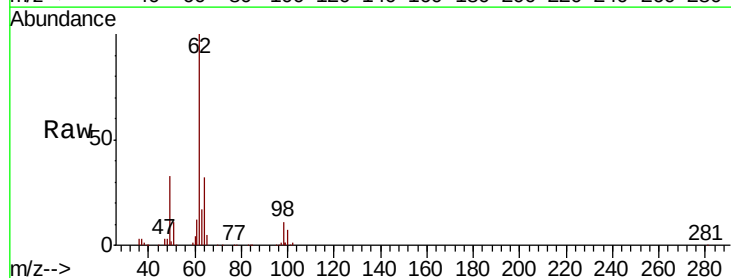
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025409

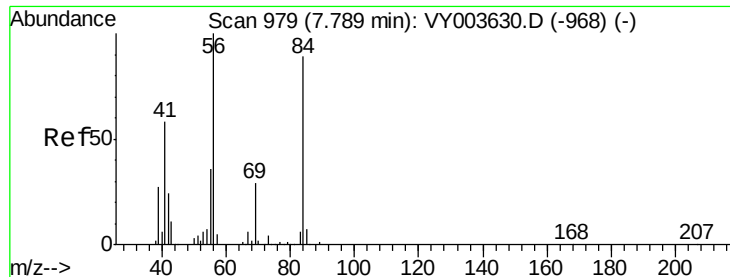
Tot Ion: 83 Resp: 136732
Ion Ratio Lower Upper
83 100
85 65.4 44.4 82.4



#27
1,2-Dichloroethane
Concen: 25.468 ug/L
RT: 8.25 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY003640.D
Acq: 02 Dec 2020 10:18

Tgt Ion: 62 Resp: 89572
Ion Ratio Lower Upper
62 100
98 10.7 7.5 11.3

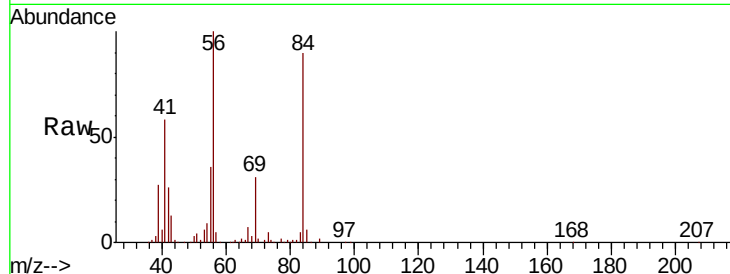




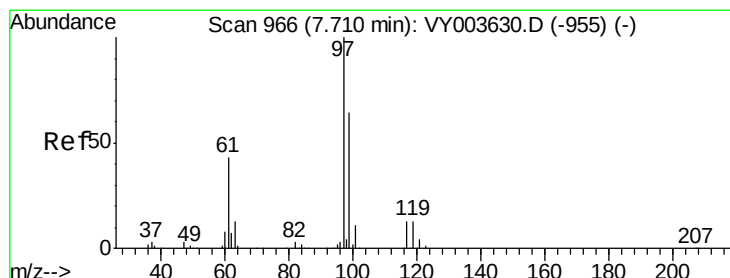
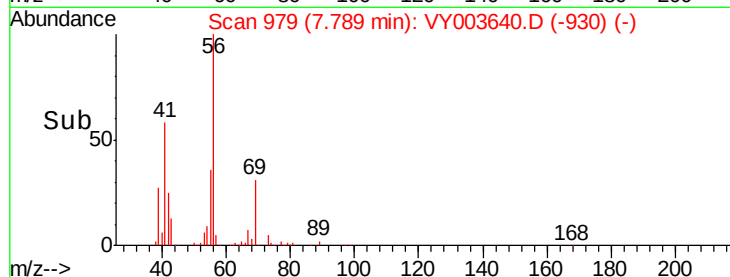
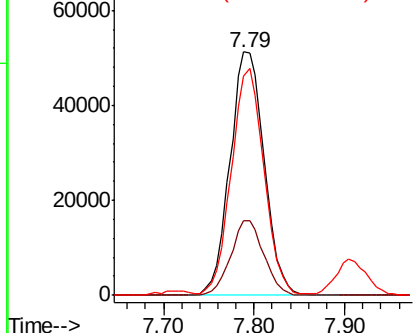
#29
Cyclohexane
Concen: 27.575 ug/L
RT: 7.79 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003640.D
Acq: 02 Dec 2020 10:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025409

Tot Ion: 56 Resp: 134308
Ion Ratio Lower Upper
56 100
69 29.8 23.9 35.9
84 89.4 71.9 107.9

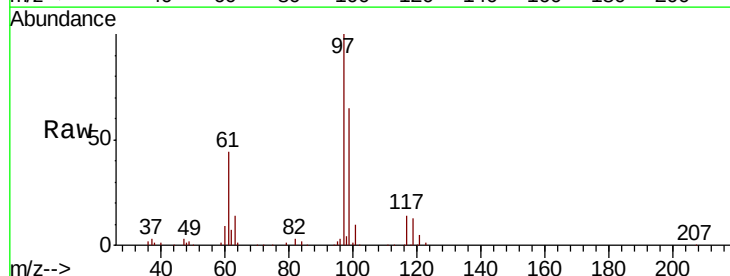


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

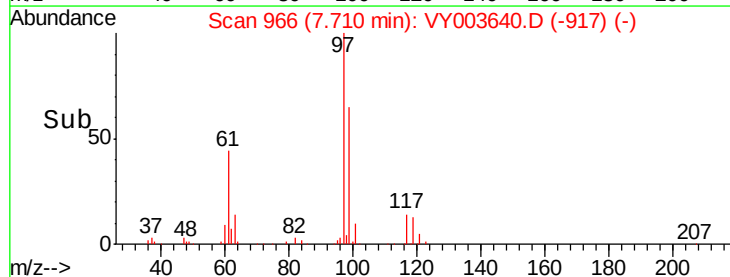
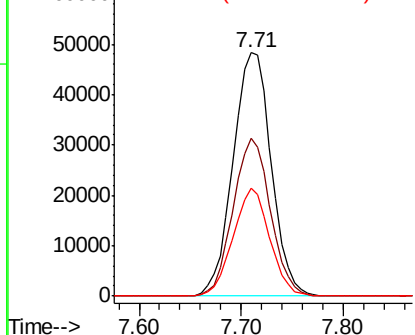


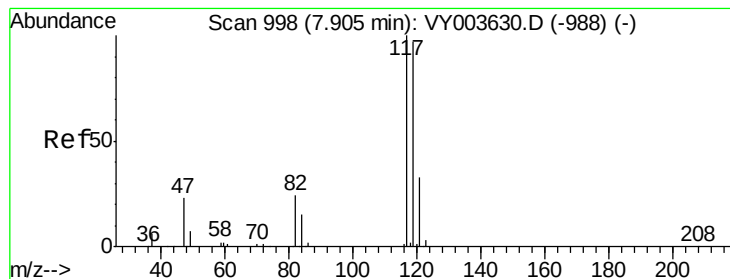
#30
1,1,1-Trichloroethane
Concen: 26.940 ug/L
RT: 7.71 min Scan# 966
Delta R.T. 0.00 min
Lab File: VY003640.D
Acq: 02 Dec 2020 10:18

Tgt Ion: 97 Resp: 125998
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 42.5 34.3 51.5



Abundance Ion 97.00 (96.70 to 97.70): VY0
Ion 99.00 (98.70 to 99.70): VY0
Ion 61.05 (60.75 to 61.75): VY0





#31

Carbon tetrachloride

Concen: 26.861 ug/L

RT: 7.90 min Scan# 998

Delta R.T. 0.00 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Instrument :

MSVOA_Y

ClientSampleId :

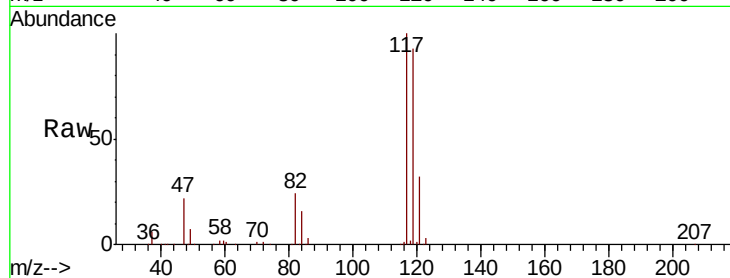
VSTD025409

Tot Ion:117 Resp: 113389

Ion Ratio Lower Upper

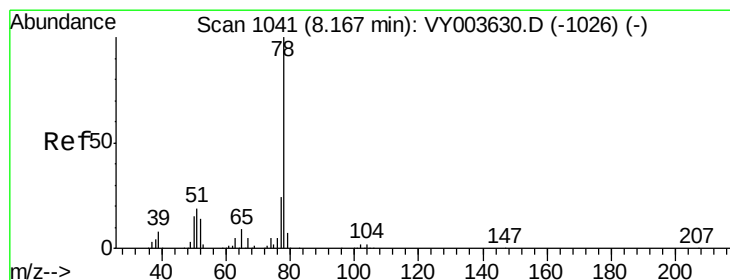
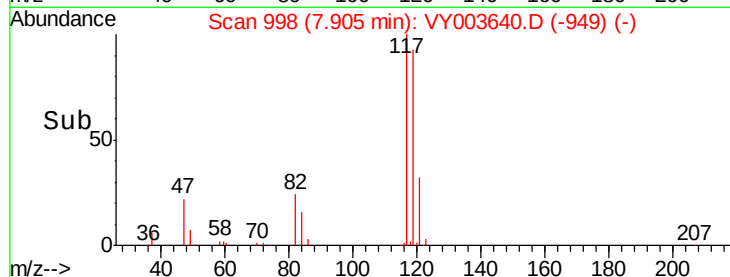
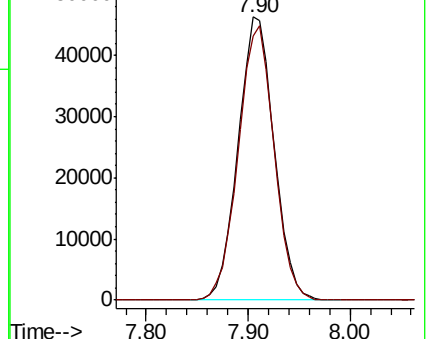
117 100

119 96.4 77.7 116.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 26.256 ug/L

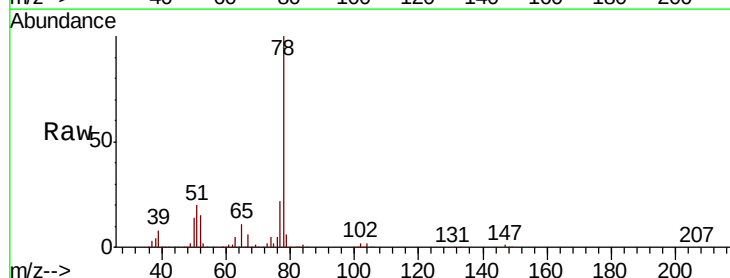
RT: 8.17 min Scan# 1041

Delta R.T. 0.00 min

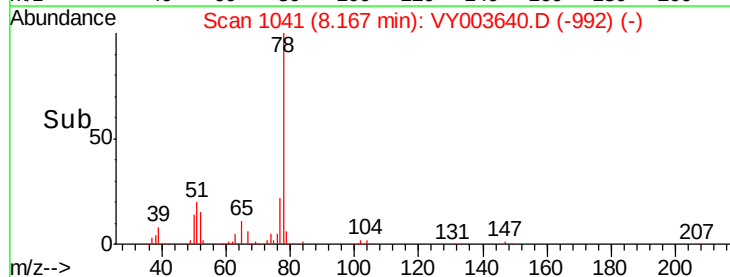
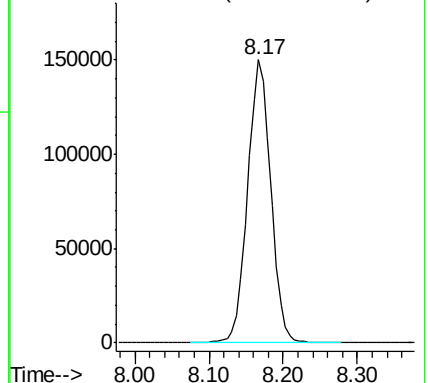
Lab File: VY003640.D

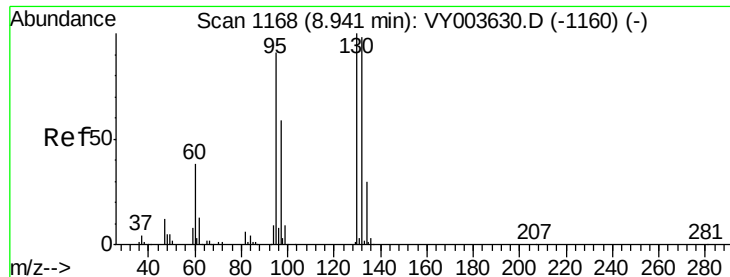
Acq: 02 Dec 2020 10:18

Tgt Ion: 78 Resp: 329188



Abundance Ion 78.00 (77.70 to 78.70): VY0





#34

Trichloroethene

Concen: 26.126 ug/L

RT: 8.94 min Scan# 1168

Delta R.T. 0.00 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025409

Tot Ion: 95 Resp: 81762

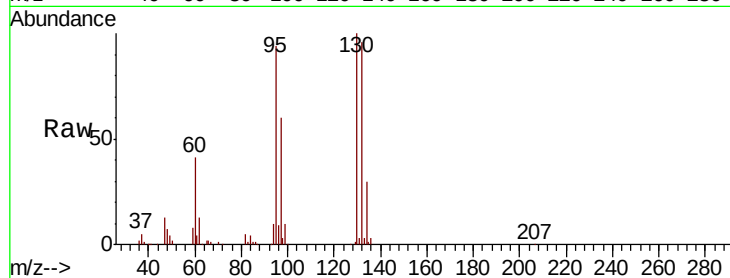
Ion Ratio Lower Upper

95 100

97 63.5 44.7 83.1

132 102.1 74.7 138.7

130 106.2 76.8 142.6

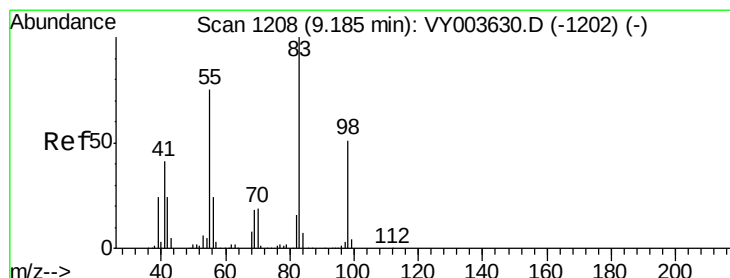
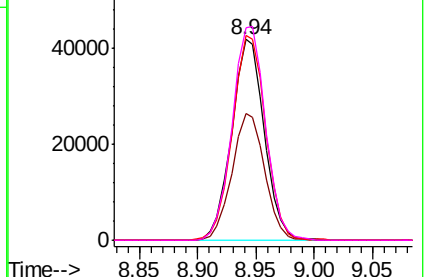
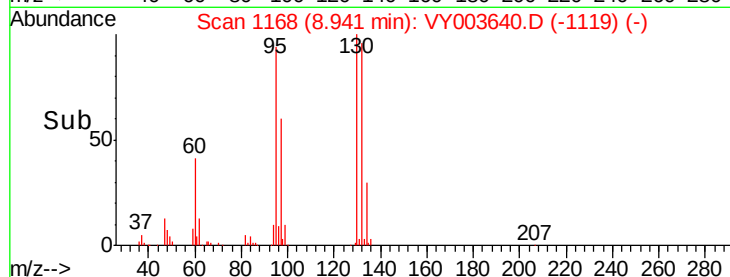


Abundance Ion 95.00 (94.70 to 95.70): VY0

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



#35

Methylcyclohexane

Concen: 27.071 ug/L

RT: 9.18 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

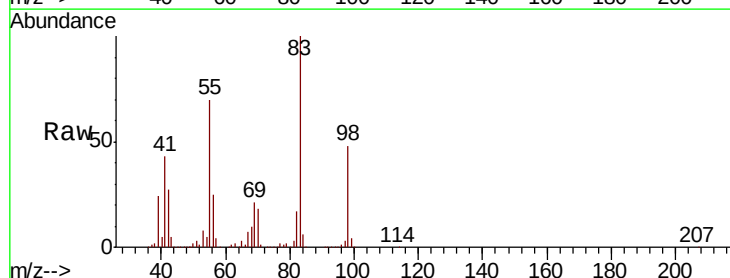
Tgt Ion: 83 Resp: 144854

Ion Ratio Lower Upper

83 100

55 72.9 58.3 87.5

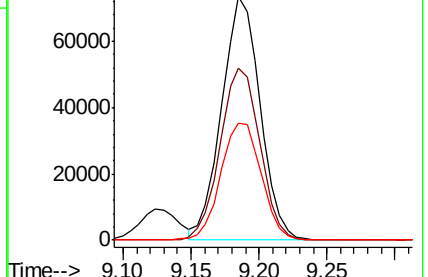
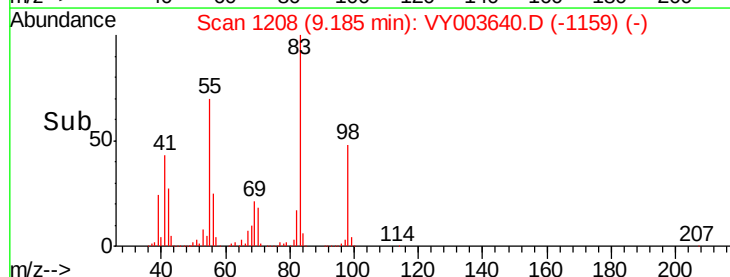
98 50.6 39.0 58.6

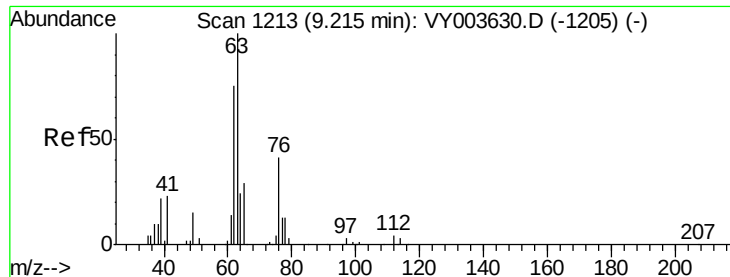


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0

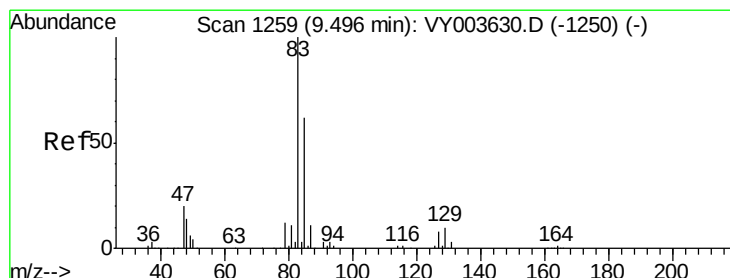
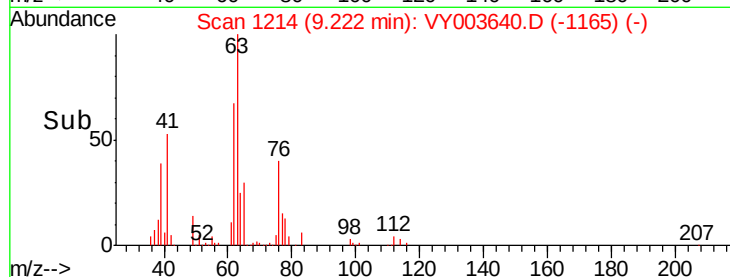
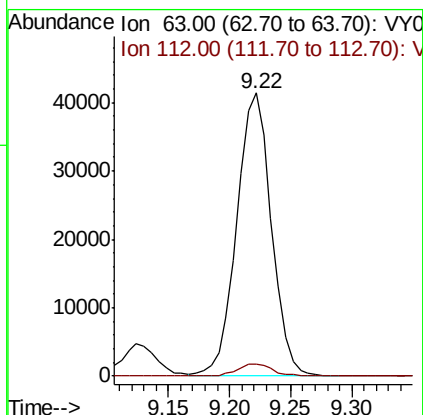
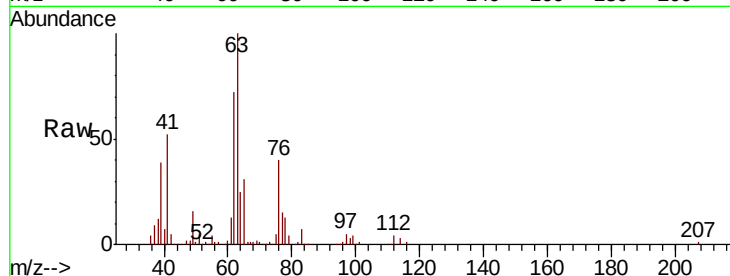




#37
 1,2-Dichloropropane
 Concen: 25.601 ug/L
 RT: 9.22 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

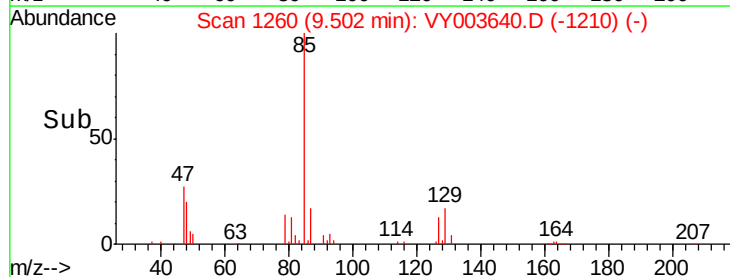
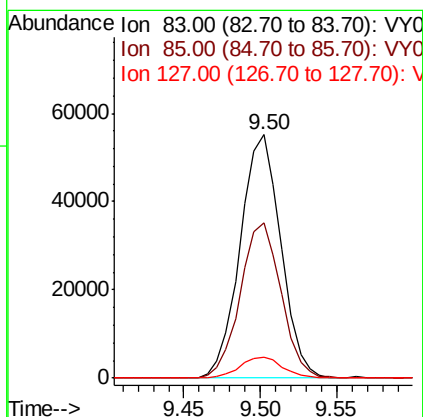
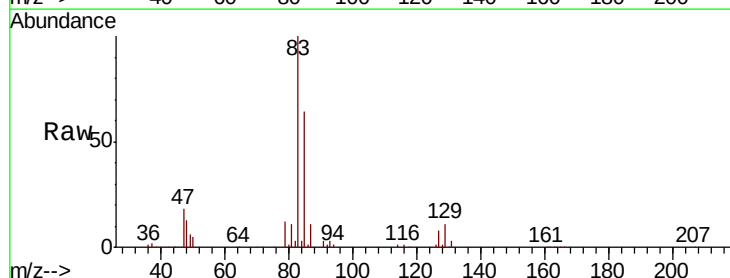
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025409

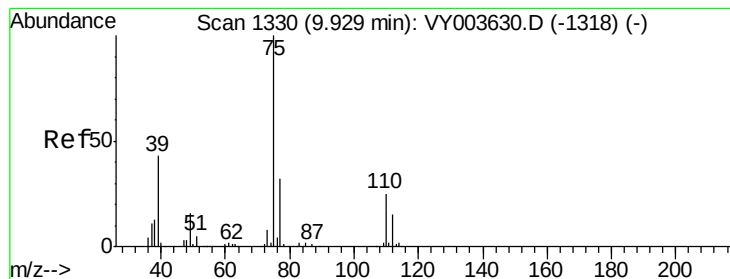
Tot Ion: 63 Resp: 81479
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.7 5.5



#38
 Bromodichloromethane
 Concen: 25.483 ug/L
 RT: 9.50 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

Tgt Ion: 83 Resp: 102089
 Ion Ratio Lower Upper
 83 100
 85 63.9 43.1 80.1
 127 8.4 7.1 10.7



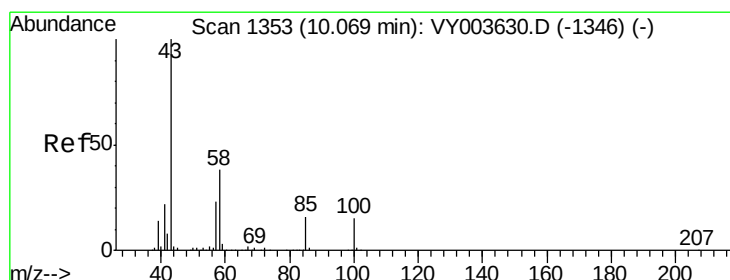
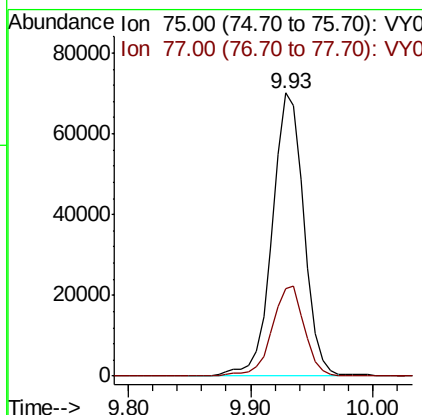
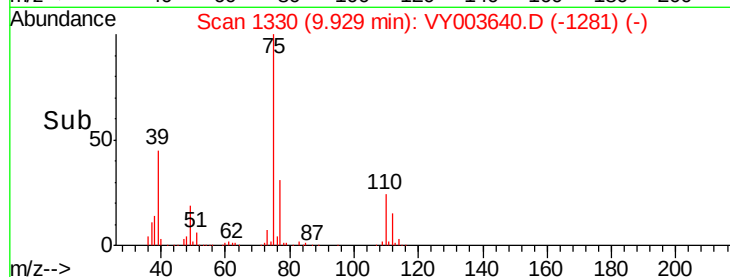
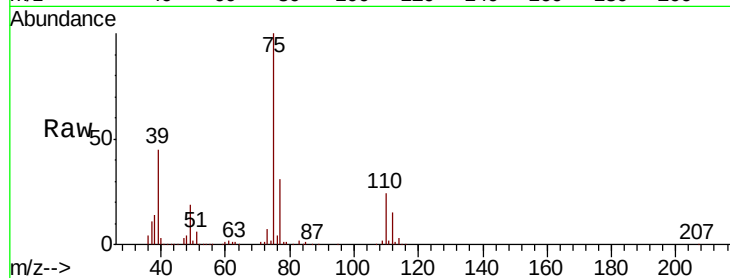


#39

cis-1,3-Dichloropropene
 Concen: 25.601 ug/L
 RT: 9.93 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025409

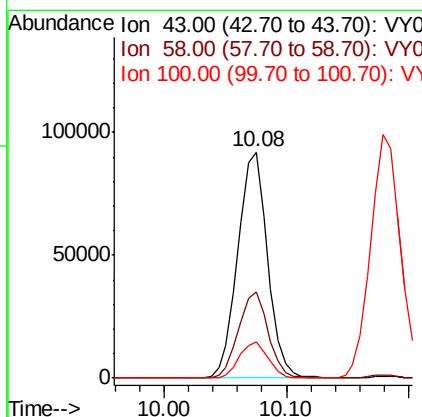
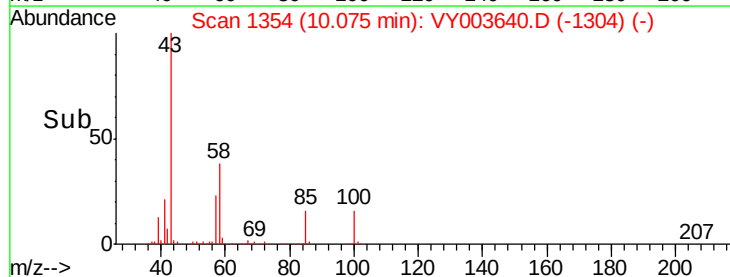
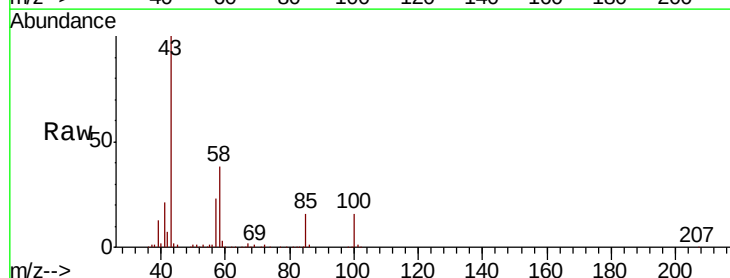
Tot Ion: 75 Resp: 125877
 Ion Ratio Lower Upper
 75 100
 77 31.0 23.5 43.7

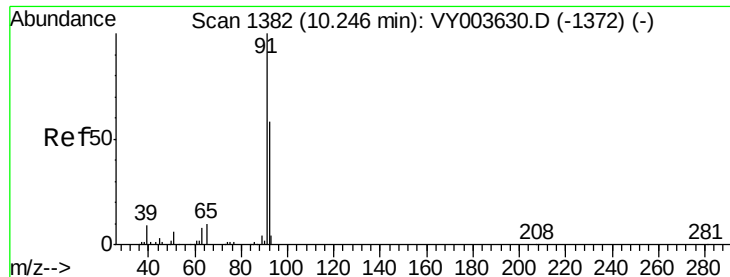


#40

4-Methyl-2-pentanone
 Concen: 55.493 ug/L
 RT: 10.08 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

Tgt Ion: 43 Resp: 155063
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.7 46.1
 100 15.6 12.1 18.1





#42

Toluene

Concen: 26.469 ug/L

RT: 10.25 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Instrument :

MSVOA_Y

ClientSampleId :

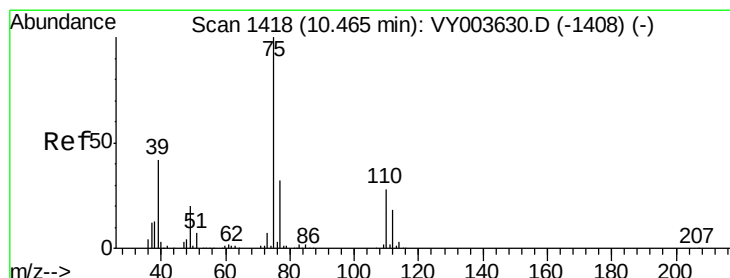
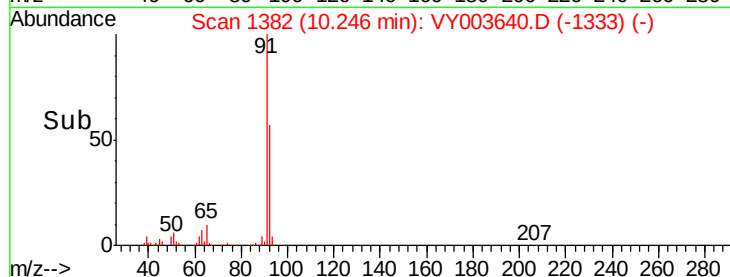
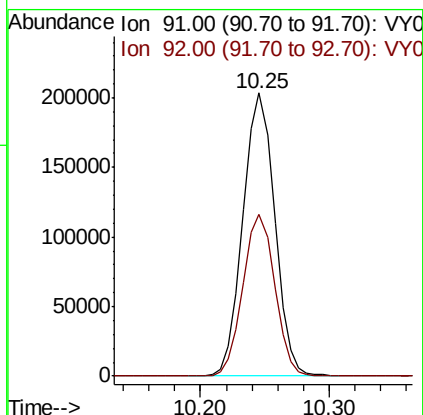
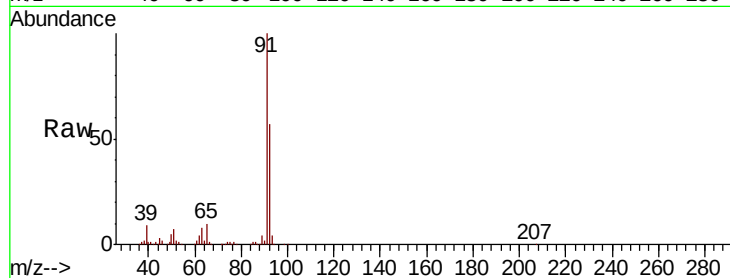
VSTD025409

Tot Ion: 91 Resp: 348634

Ion Ratio Lower Upper

91 100

92 57.2 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 25.286 ug/L

RT: 10.47 min Scan# 1418

Delta R.T. 0.00 min

Lab File: VY003640.D

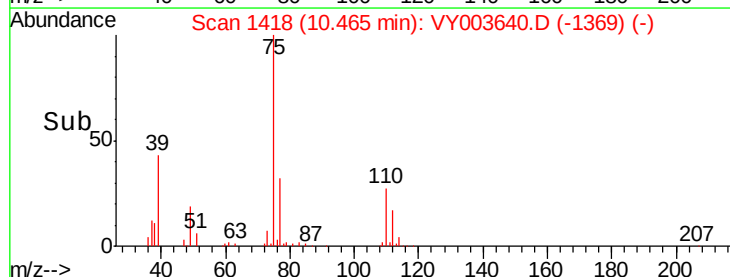
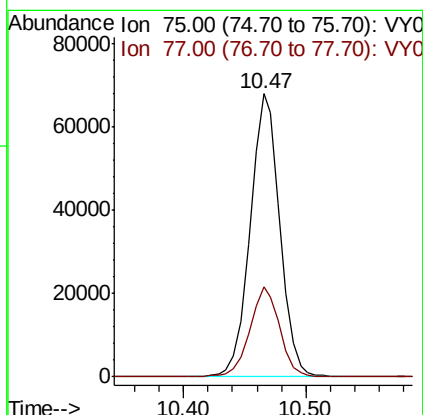
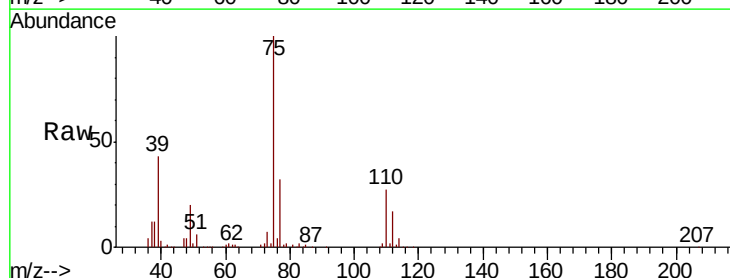
Acq: 02 Dec 2020 10:18

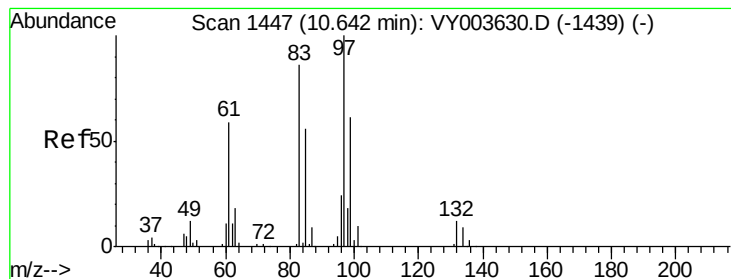
Tgt Ion: 75 Resp: 114762

Ion Ratio Lower Upper

75 100

77 31.6 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 24.399 ug/L

RT: 10.65 min Scan# 1448

Delta R.T. 0.01 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025409

Tot Ion: 97 Resp: 65212

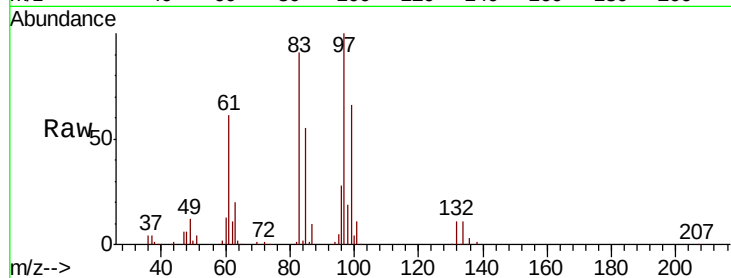
Ion Ratio Lower Upper

97 100

99 66.4 45.1 83.9

83 90.6 59.7 110.9

85 55.3 39.0 72.4



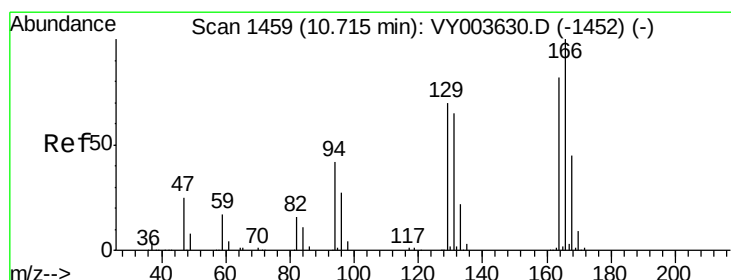
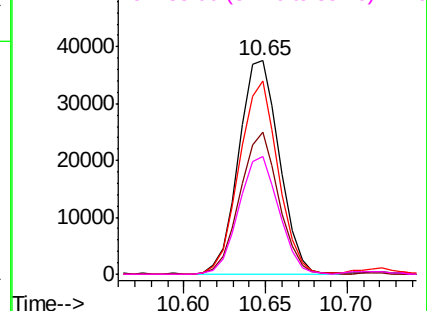
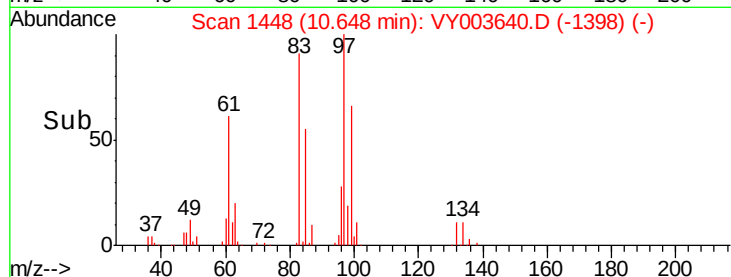
Abundance

Ion 97.00 (96.70 to 97.70): VY0

Ion 99.00 (98.70 to 99.70): VY0

Ion 83.00 (82.70 to 83.70): VY0

Ion 85.00 (84.70 to 85.70): VY0



#46

Tetrachloroethene

Concen: 26.124 ug/L

RT: 10.72 min Scan# 1460

Delta R.T. 0.01 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Tgt Ion:164 Resp: 69973

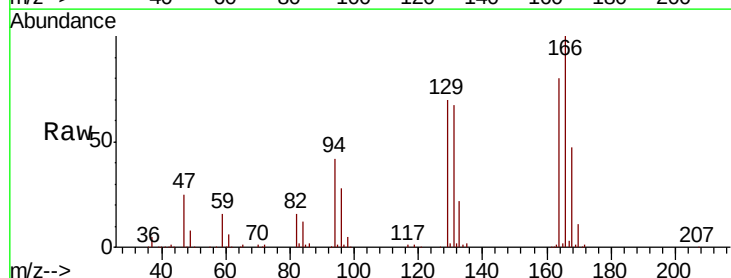
Ion Ratio Lower Upper

164 100

129 87.7 58.9 109.5

131 83.4 59.0 109.6

166 124.5 87.8 163.0



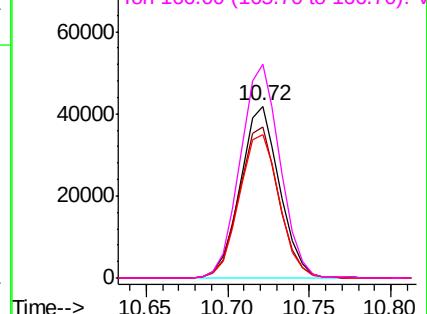
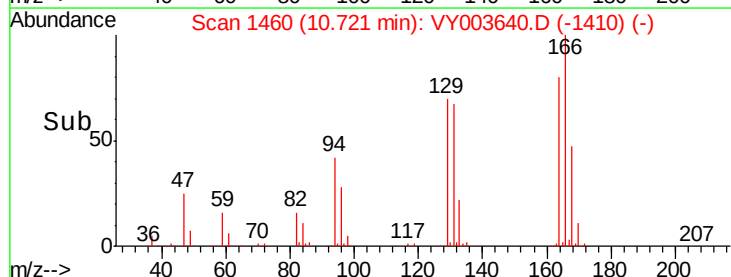
Abundance

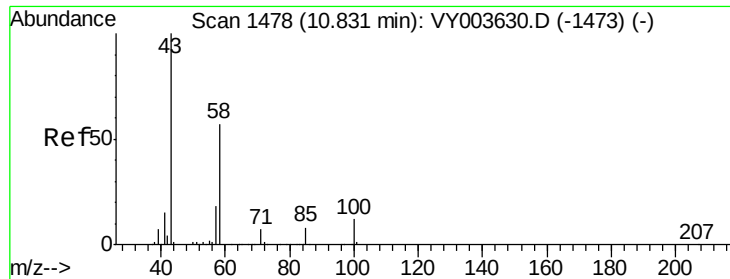
Ion 164.00 (163.70 to 164.70): V

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

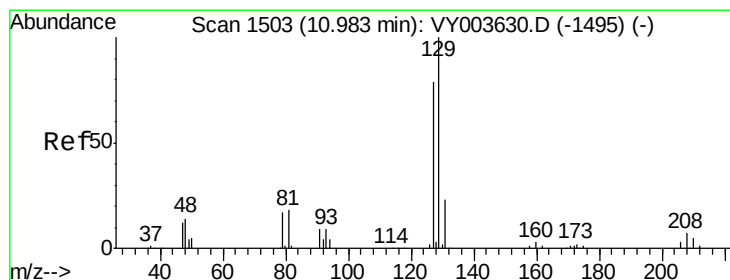
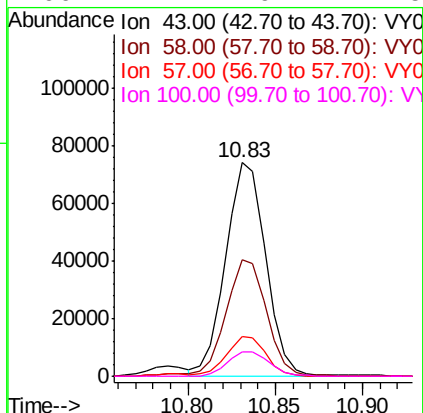
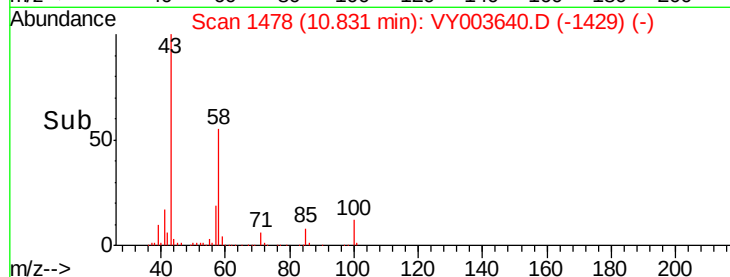
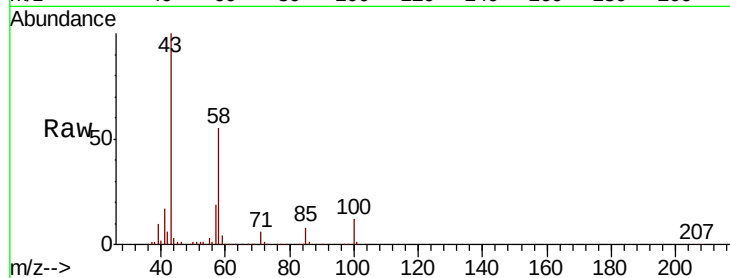




#48
2-Hexanone
Concen: 57.713 ug/L
RT: 10.83 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VY003640.D
Acq: 02 Dec 2020 10:18

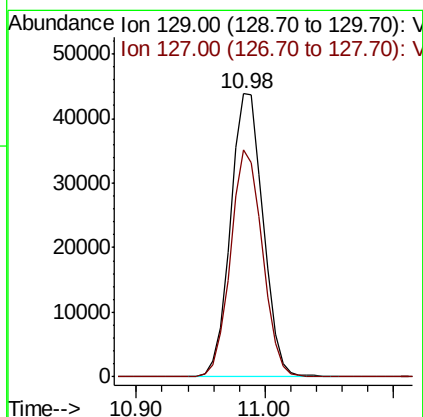
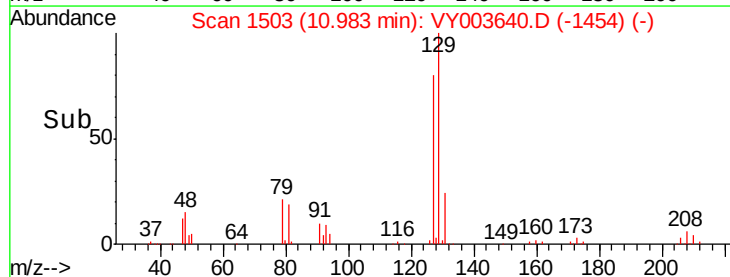
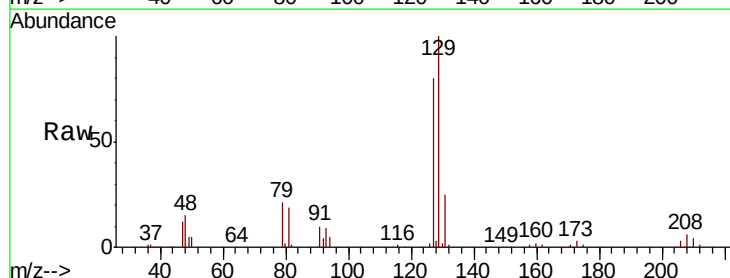
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025409

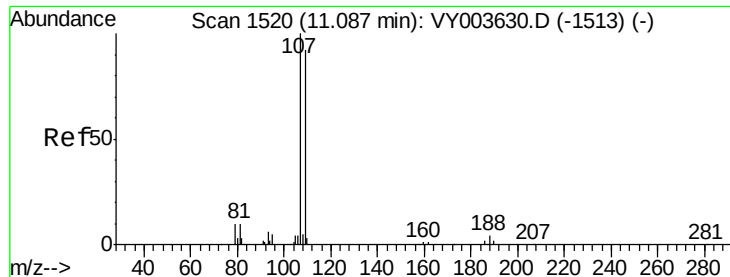
Tot Ion:	43	Resp:	117725
Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.0	64.6
57	18.3	14.6	21.8
100	12.2	9.7	14.5



#49
Dibromochloromethane
Concen: 25.005 ug/L
RT: 10.98 min Scan# 1503
Delta R.T. 0.00 min
Lab File: VY003640.D
Acq: 02 Dec 2020 10:18

Tgt Ion:	129	Resp:	77235
Ion	Ratio	Lower	Upper
129	100		
127	80.1	55.0	102.2

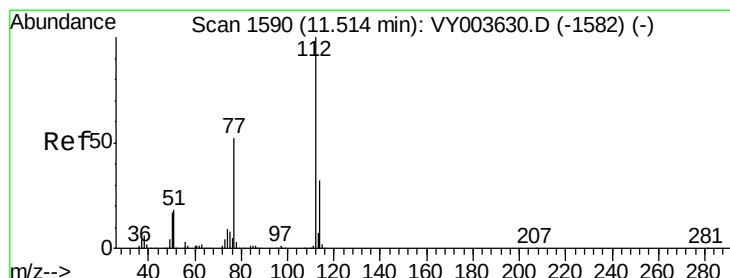
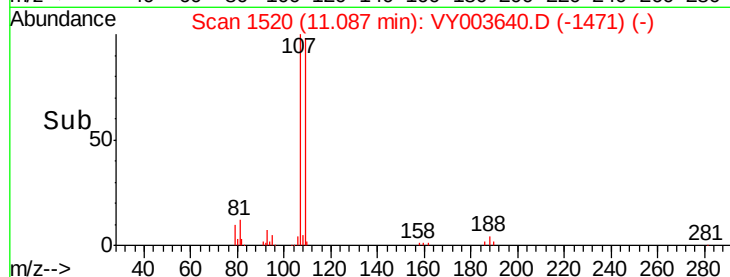
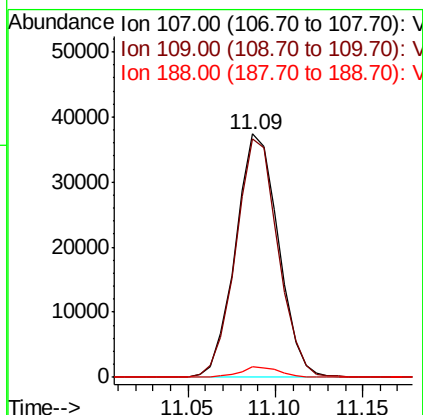
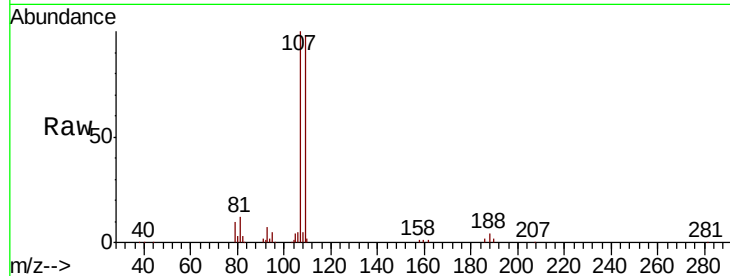




#50
 1,2-Dibromoethane
 Concen: 24.674 ug/L
 RT: 11.09 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

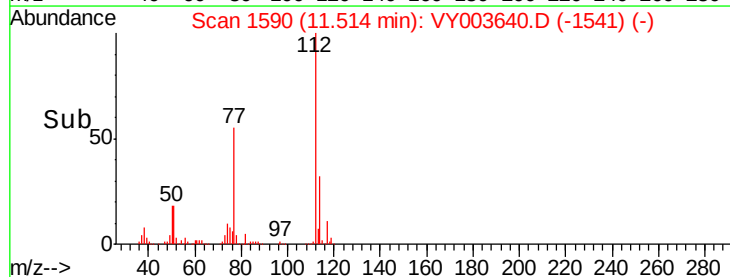
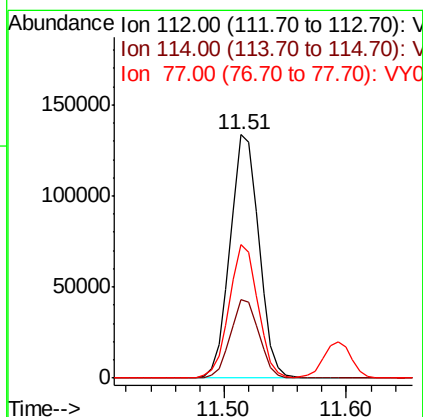
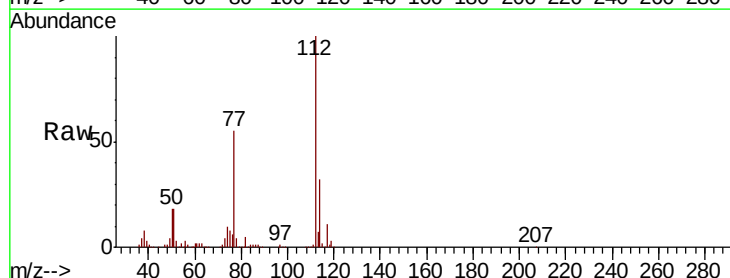
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025409

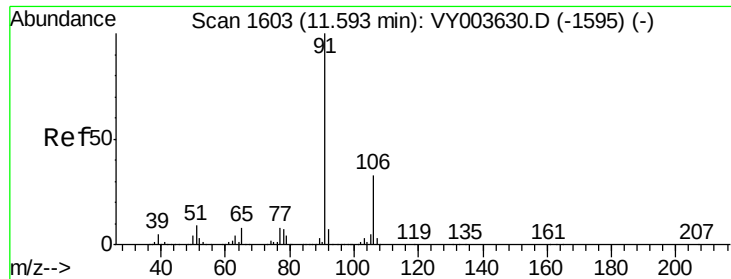
Tot Ion:107 Resp: 63783
 Ion Ratio Lower Upper
 107 100
 109 97.7 65.5 121.7
 188 4.3 3.8 5.8



#51
 Chlorobenzene
 Concen: 25.673 ug/L
 RT: 11.51 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

Tgt Ion:112 Resp: 217871
 Ion Ratio Lower Upper
 112 100
 114 32.0 22.2 41.2
 77 55.0 43.8 65.6





#52

Ethylbenzene

Concen: 26.344 ug/L

RT: 11.59 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Instrument :

MSVOA_Y

ClientSampled :

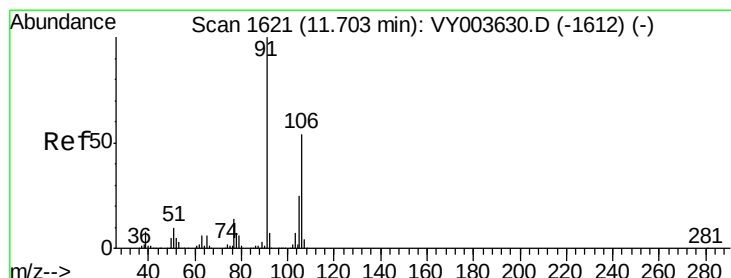
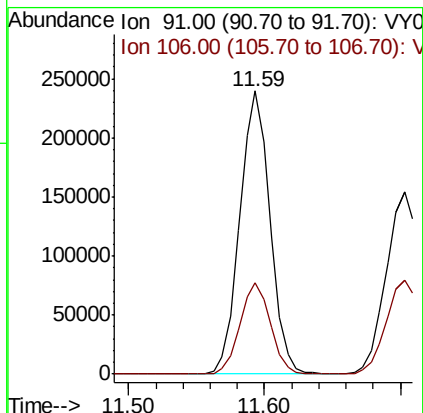
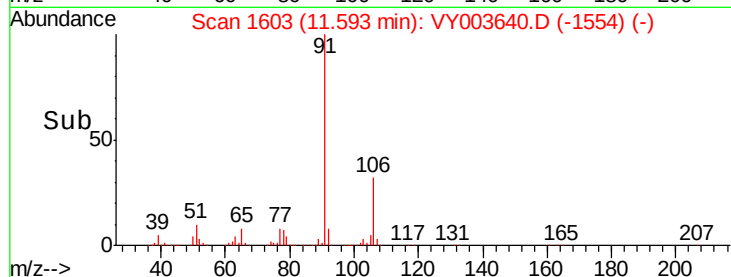
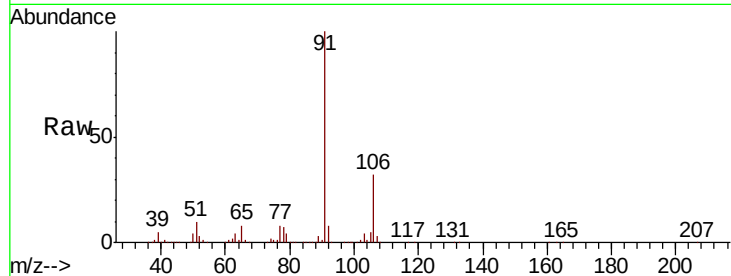
VSTD025409

Tot Ion: 91 Resp: 371278

Ion Ratio Lower Upper

91 100

106 32.2 22.8 42.4



#53

m,p-Xylene

Concen: 26.257 ug/L

RT: 11.70 min Scan# 1621

Delta R.T. 0.01 min

Lab File: VY003640.D

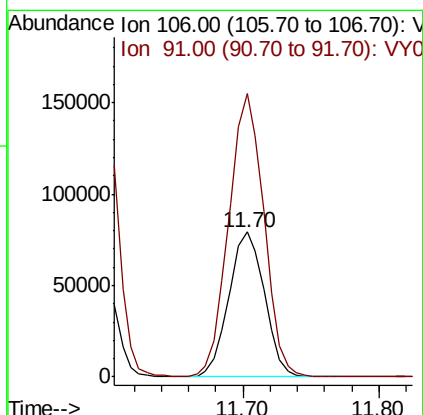
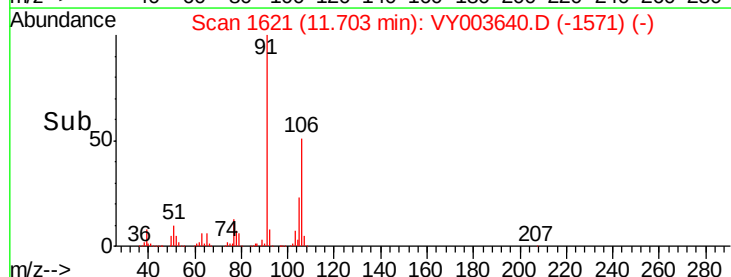
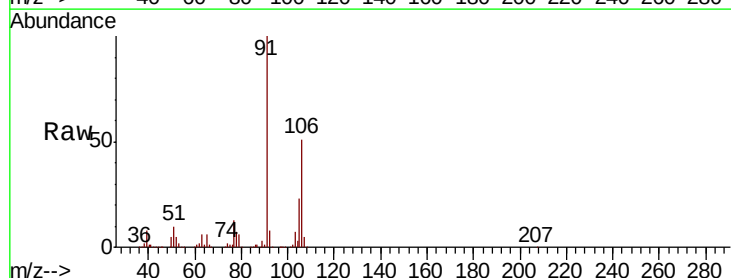
Acq: 02 Dec 2020 10:18

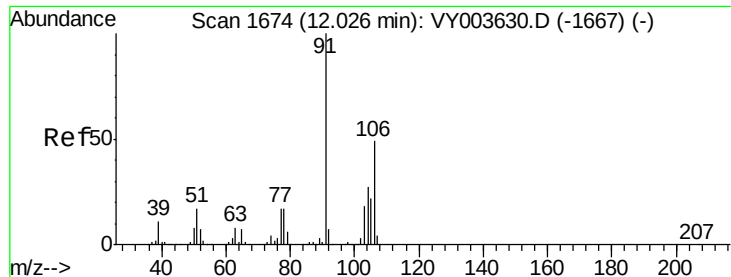
Tgt Ion: 106 Resp: 144716

Ion Ratio Lower Upper

106 100

91 195.6 133.1 247.3

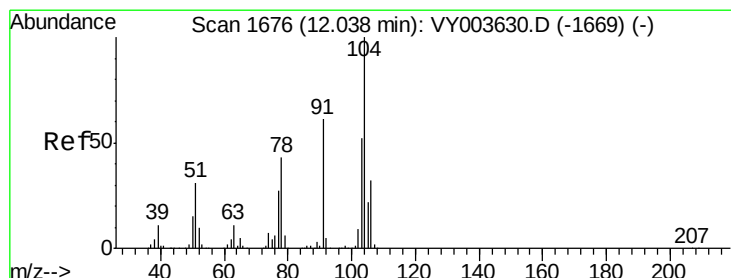
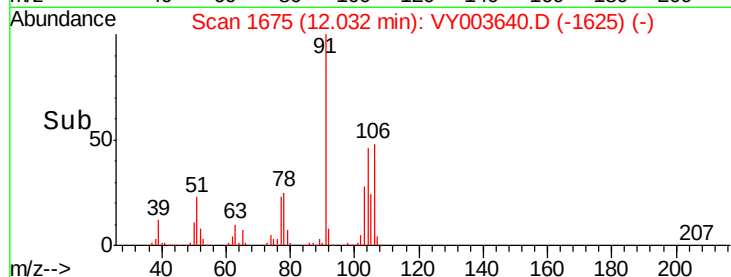
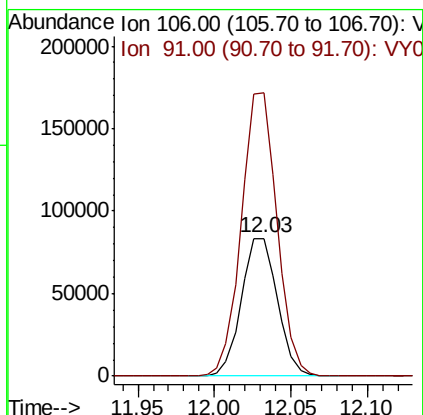
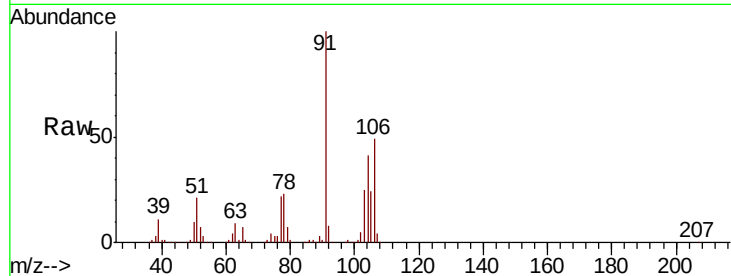




#54
o-Xylene
Concen: 26.397 ug/L
RT: 12.03 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VY003640.D
Acq: 02 Dec 2020 10:18

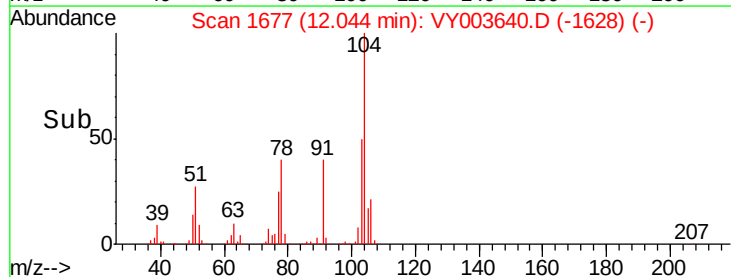
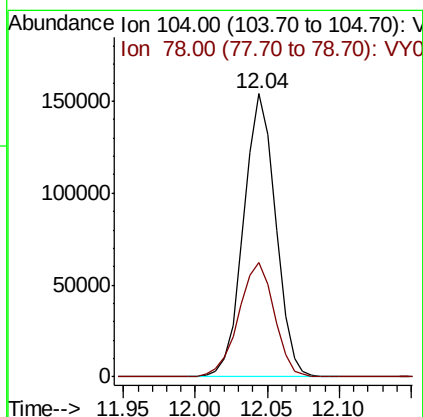
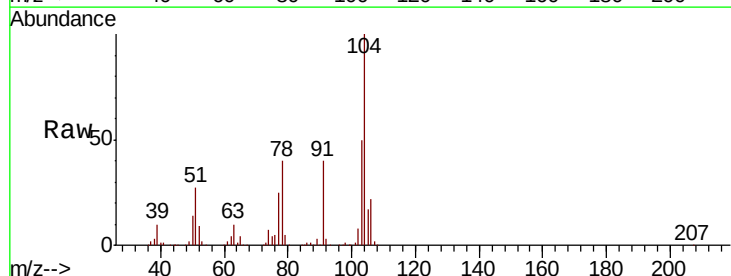
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025409

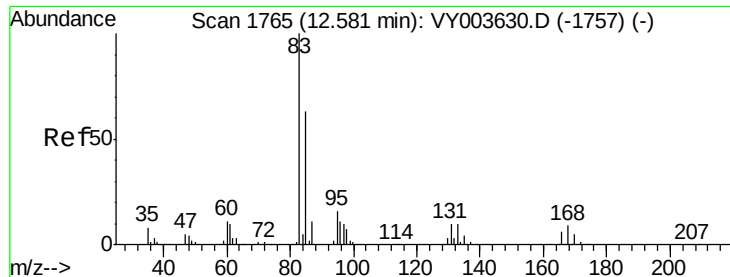
Tot Ion:106 Resp: 137417
Ion Ratio Lower Upper
106 100
91 205.8 144.1 267.5



#55
Styrene
Concen: 26.647 ug/L
RT: 12.04 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VY003640.D
Acq: 02 Dec 2020 10:18

Tgt Ion:104 Resp: 237336
Ion Ratio Lower Upper
104 100
78 40.5 27.6 51.4

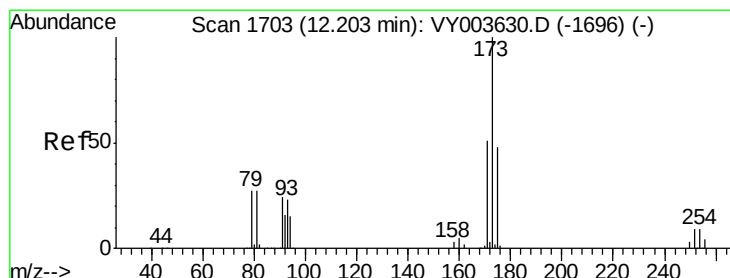
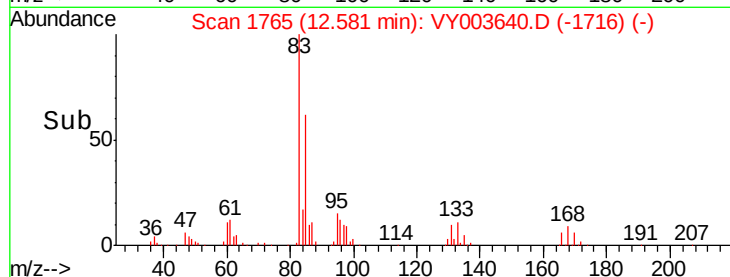
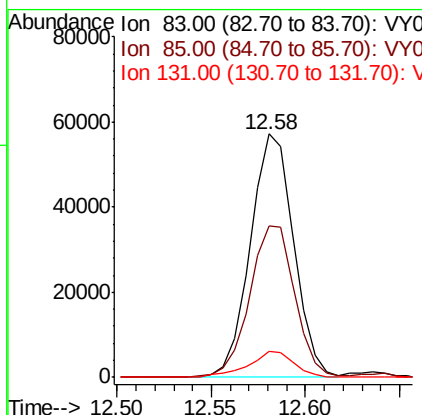
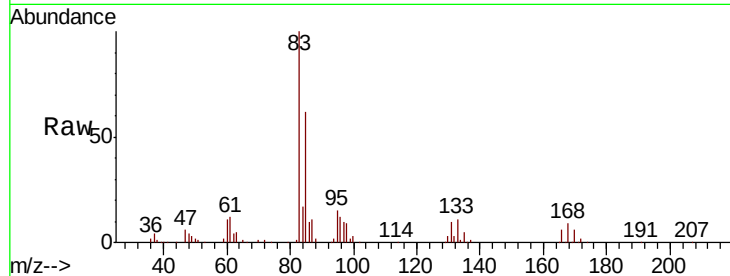




#57
 1,1,2,2-Tetrachloroethane
 Concen: 25.770 ug/L
 RT: 12.58 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

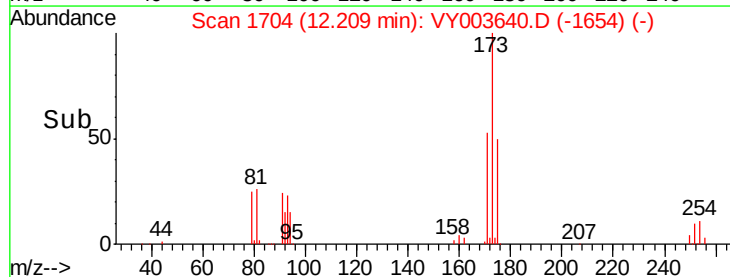
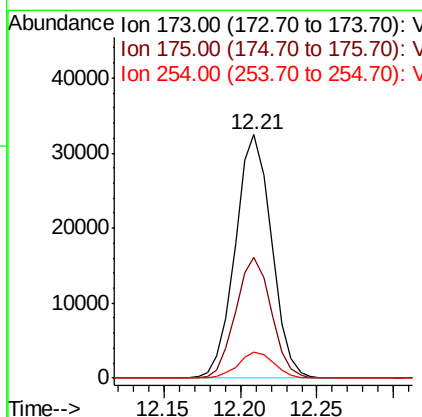
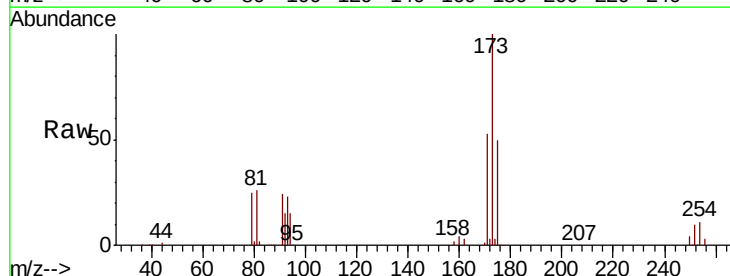
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025409

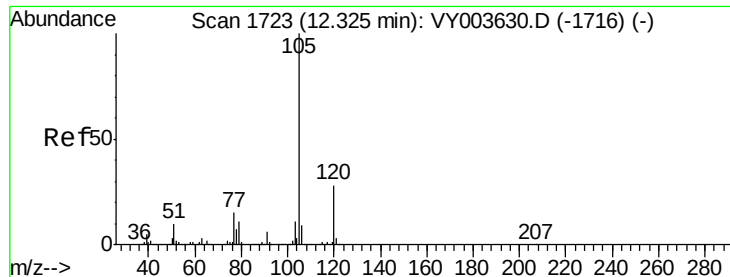
Tot Ion	83	Resp	91267
Ion Ratio	100		
Lower	46.1		
Upper	85.7		
85	62.1		
131	10.4		
	8.1		
	12.1		



#59
 Bromoform
 Concen: 26.007 ug/L
 RT: 12.21 min Scan# 1704
 Delta R.T. 0.01 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

Tgt Ion	173	Resp	53501
Ion Ratio	100		
Lower	38.2		
Upper	57.4		
175	48.7		
254	10.4		
	8.0		
	12.0		





#60

Isopropylbenzene

Concen: 27.302 ug/L

RT: 12.33 min Scan# 1724

Delta R.T. 0.01 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025409

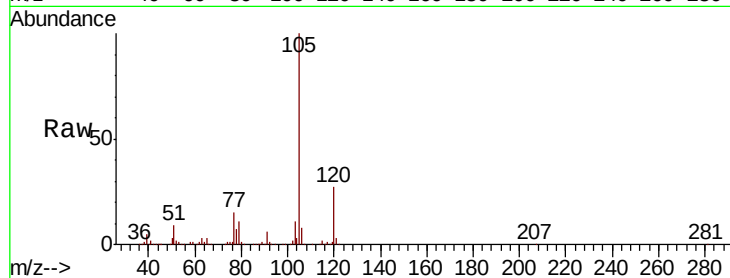
Tot Ion:105 Resp: 365736

Ion Ratio Lower Upper

105 100

120 27.6 22.0 33.0

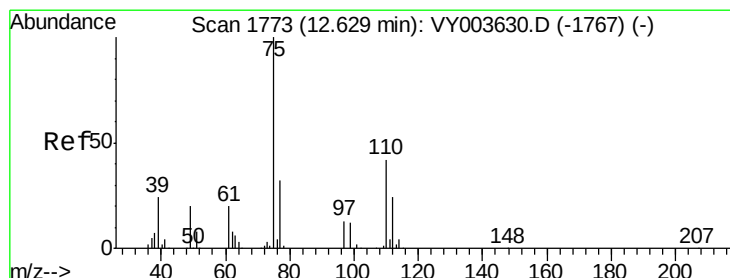
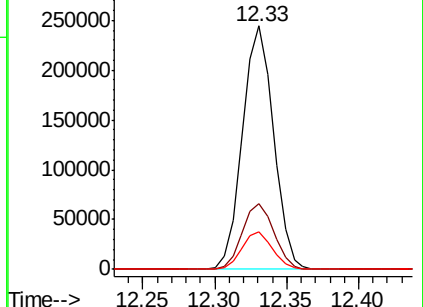
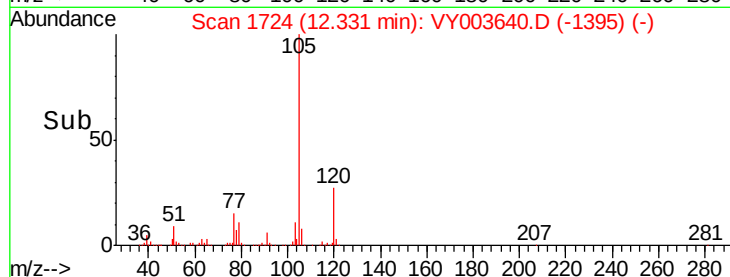
77 15.1 12.1 18.1



Abundance Ion 105.00 (104.70 to 105.70): VY003630.D (-1716) (-)

Ion 120.00 (119.70 to 120.70): VY003630.D (-1716) (-)

Ion 77.00 (76.70 to 77.70): VY003630.D (-1716) (-)



#61

1,2,3-Trichloropropane

Concen: 25.948 ug/L

RT: 12.64 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

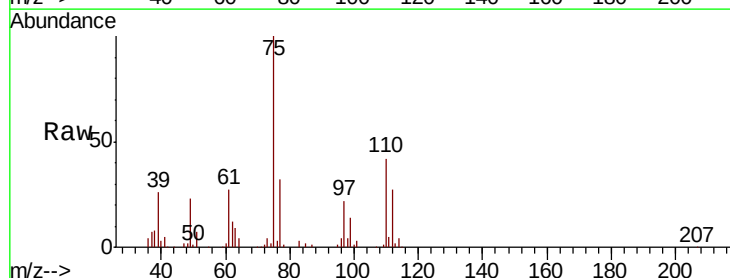
Tgt Ion: 75 Resp: 65021

Ion Ratio Lower Upper

75 100

77 32.2 26.3 39.5

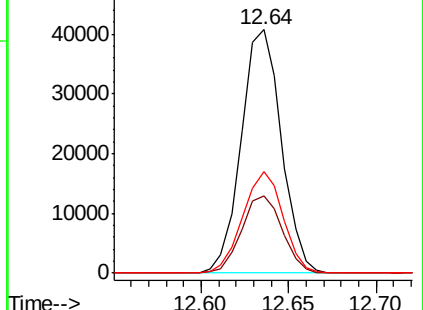
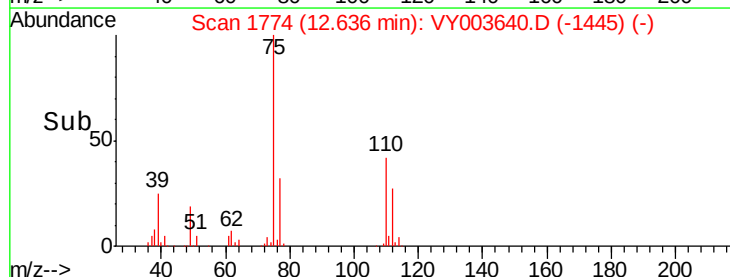
110 41.7 33.0 49.4

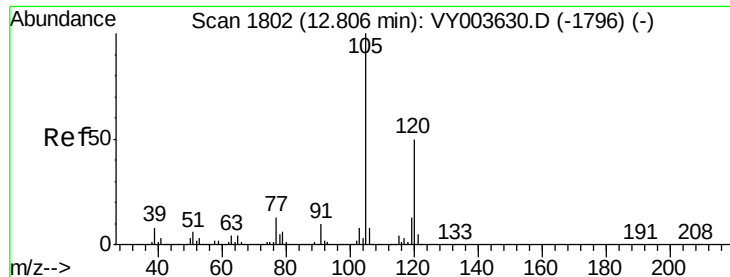


Abundance Ion 75.00 (74.70 to 75.70): VY003630.D (-1767) (-)

Ion 77.00 (76.70 to 77.70): VY003630.D (-1767) (-)

Ion 110.00 (109.70 to 110.70): VY003630.D (-1767) (-)

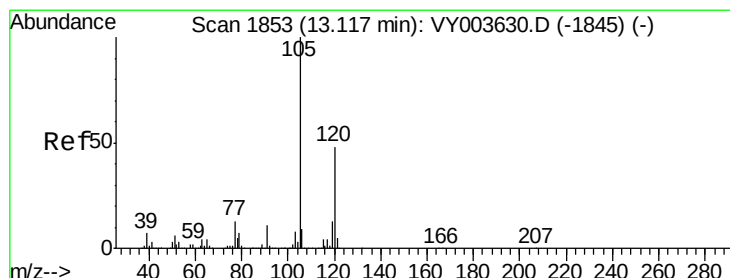
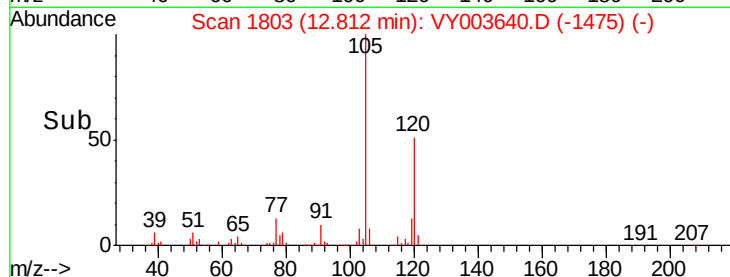
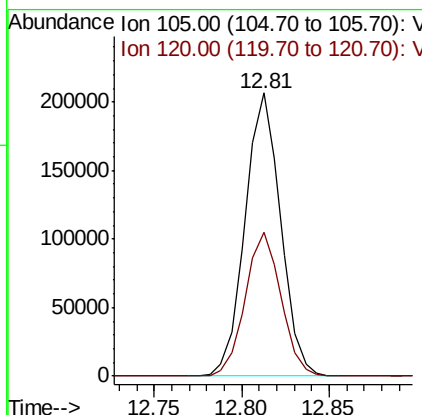
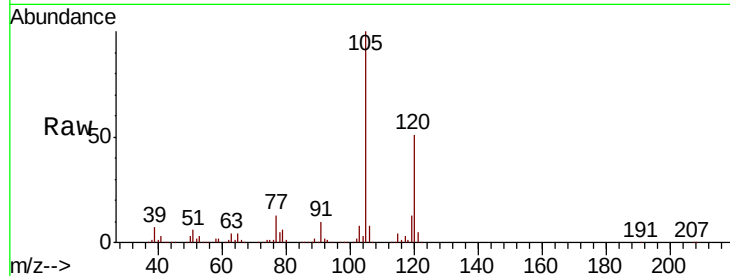




#62
 1,3,5-Trimethylbenzene
 Concen: 27.579 ug/L
 RT: 12.81 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

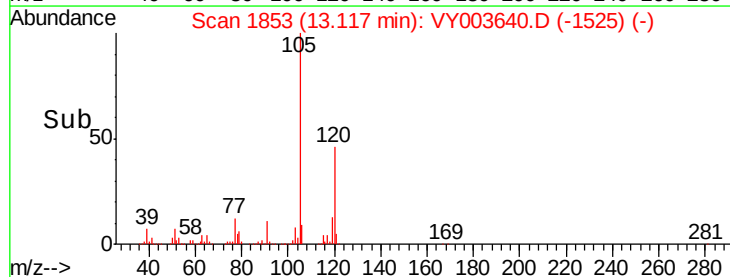
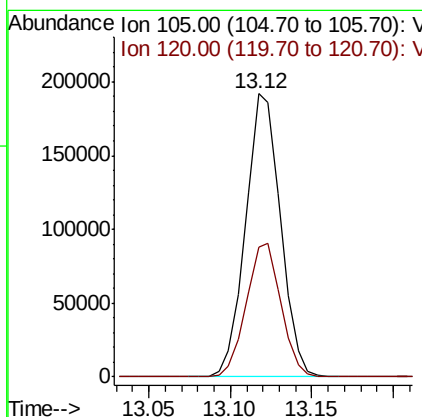
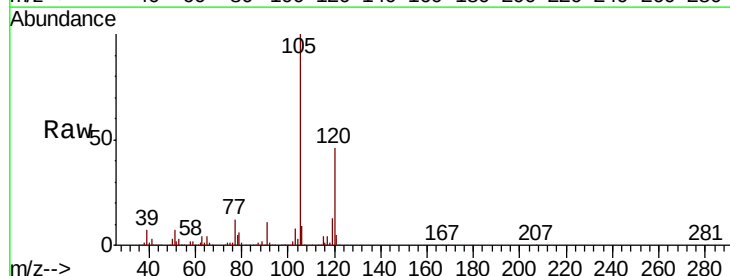
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025409

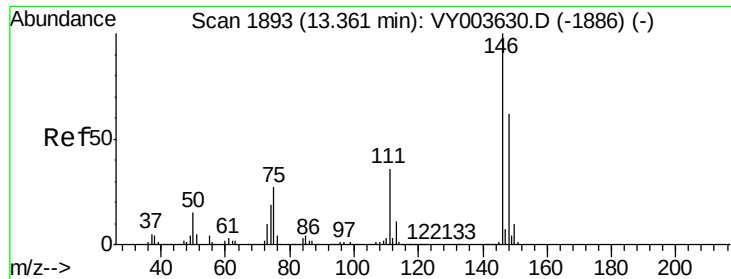
Tot Ion:105 Resp: 292955
 Ion Ratio Lower Upper
 105 100
 120 50.9 40.4 60.6



#63
 1,2,4-Trimethylbenzene
 Concen: 27.312 ug/L
 RT: 13.12 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

Tgt Ion:105 Resp: 286648
 Ion Ratio Lower Upper
 105 100
 120 46.9 38.0 57.0





#64

1,3-Dichlorobenzene

Concen: 26.311 ug/L

RT: 13.37 min Scan# 1894

Delta R.T. 0.01 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Instrument :

MSVOA_Y

ClientSampled :

VSTD025409

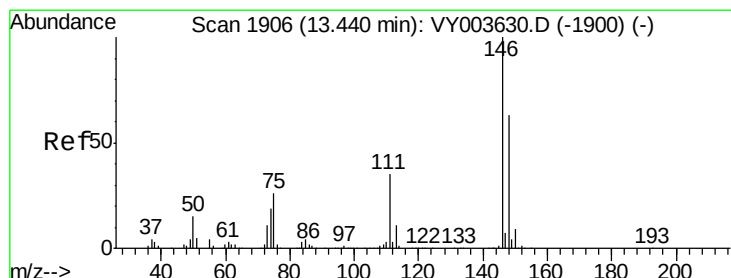
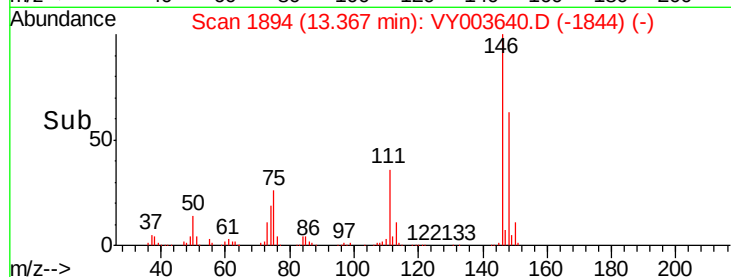
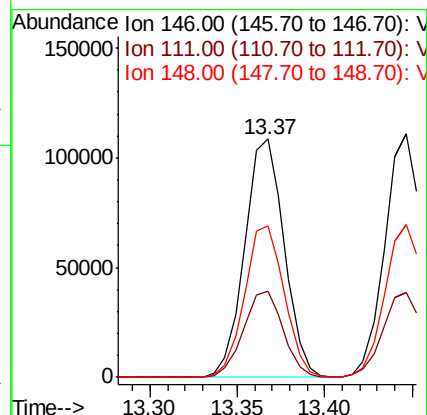
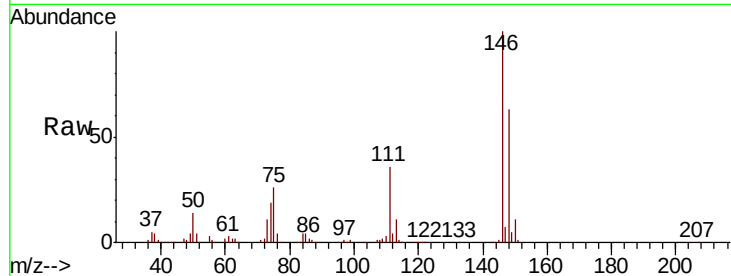
Tot Ion:146 Resp: 170533

Ion Ratio Lower Upper

146 100

111 36.5 26.6 49.4

148 63.5 46.3 86.1



#65

1,4-Dichlorobenzene

Concen: 25.537 ug/L

RT: 13.45 min Scan# 1907

Delta R.T. 0.01 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

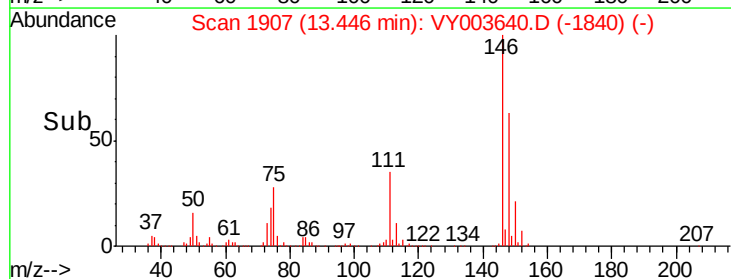
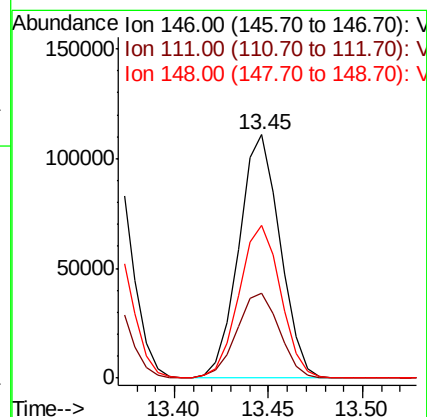
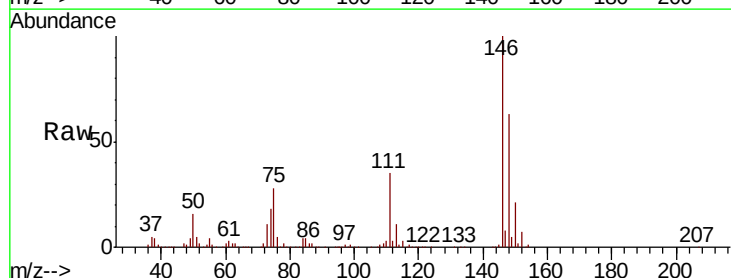
Tgt Ion:146 Resp: 168185

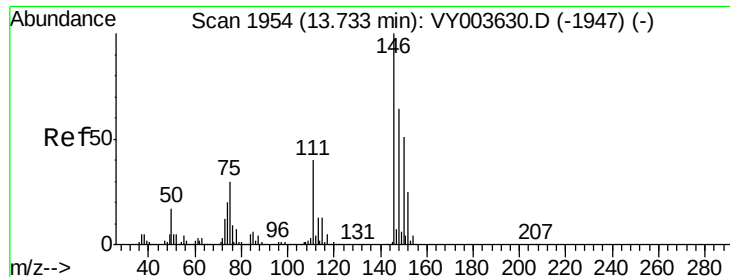
Ion Ratio Lower Upper

146 100

111 35.1 24.7 45.9

148 63.0 43.4 80.6

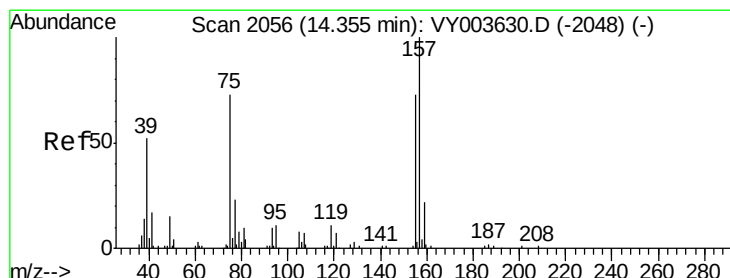
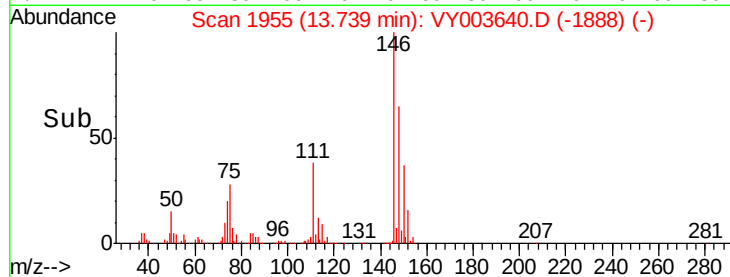
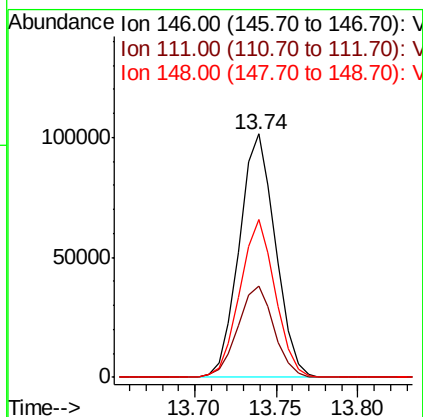
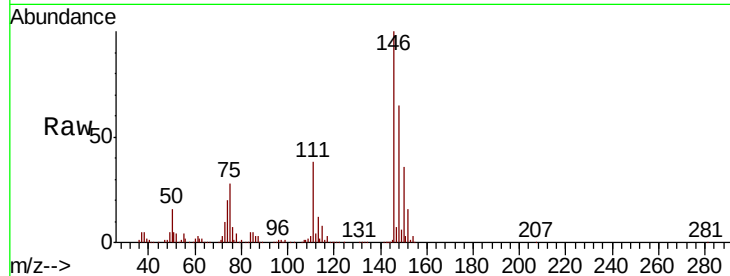




#67
 1,2-Dichlorobenzene
 Concen: 25.752 ug/L
 RT: 13.74 min Scan# 1955
 Delta R.T. 0.01 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

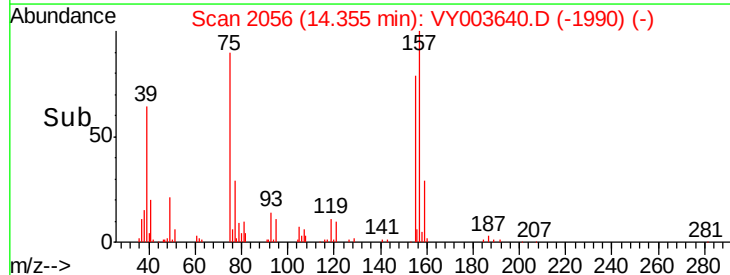
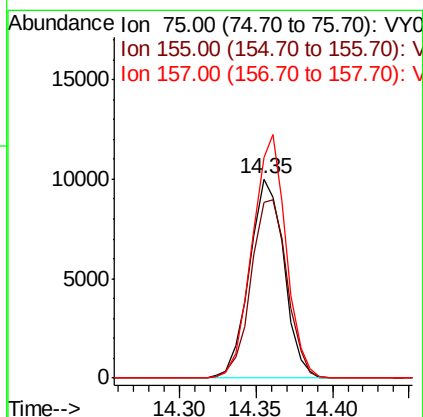
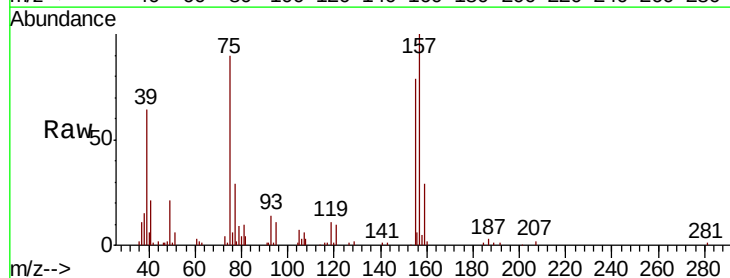
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025409

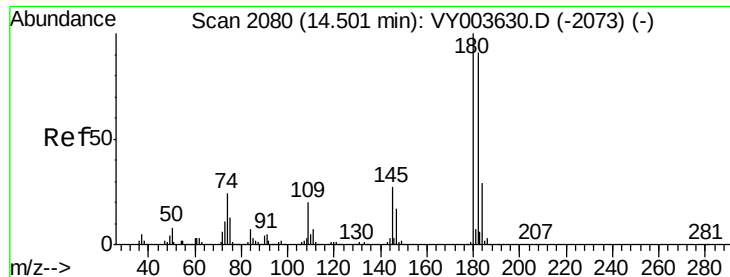
Tot Ion:146 Resp: 156723
 Ion Ratio Lower Upper
 146 100
 111 37.7 31.0 46.6
 148 64.9 51.0 76.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 27.138 ug/L
 RT: 14.35 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

Tgt Ion: 75 Resp: 15780
 Ion Ratio Lower Upper
 75 100
 155 87.9 73.4 110.0
 157 110.7 98.1 147.1

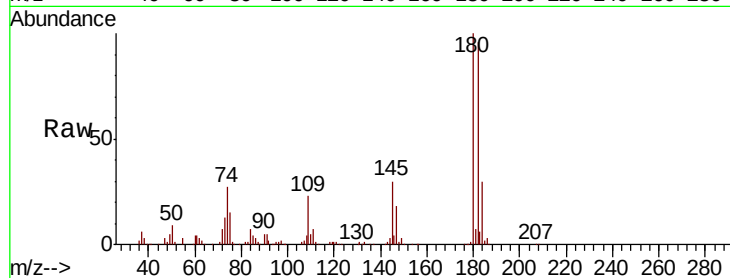




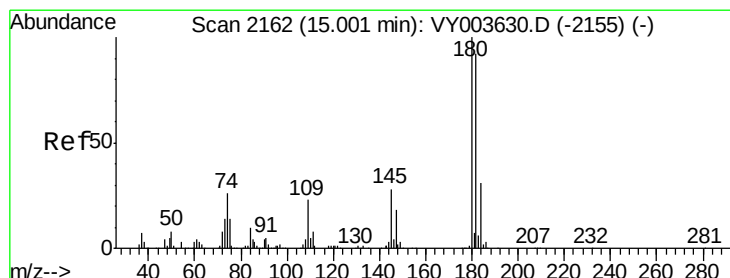
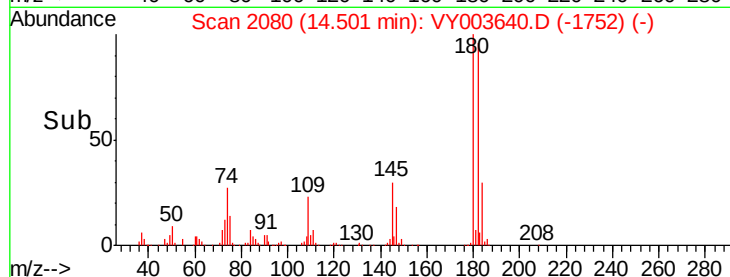
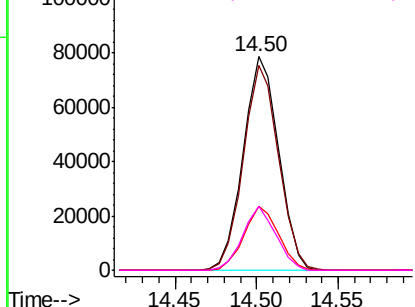
#69
 1,3,5-Trichlorobenzene
 Concen: 26.169 ug/L
 RT: 14.50 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025409

Tot Ion:180	Resp:	119152
Ion Ratio	Lower	Upper
180	100	
182	95.0	75.4 113.0
184	29.3	24.1 36.1
145	28.2	22.4 33.6

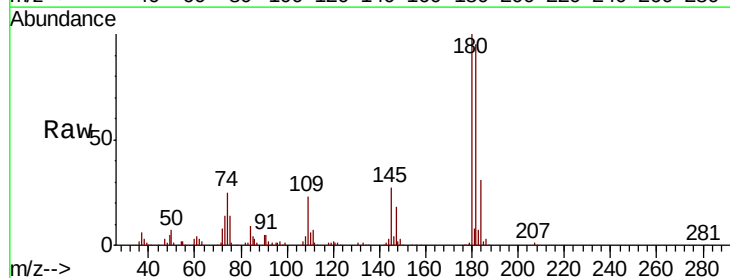


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

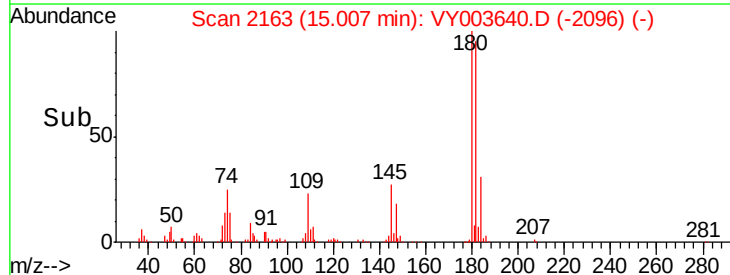
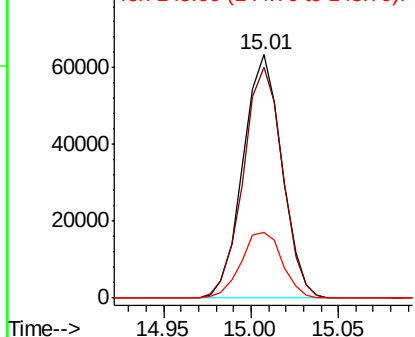


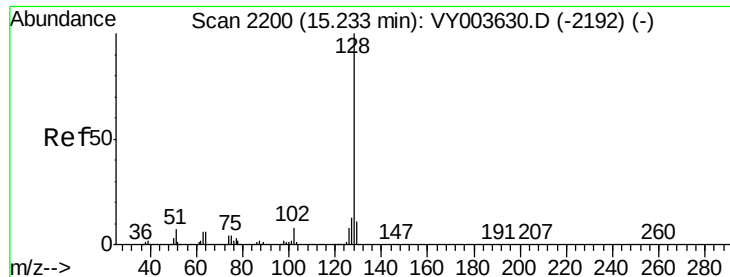
#70
 1,2,4-trichlorobenzene
 Concen: 25.313 ug/L
 RT: 15.01 min Scan# 2163
 Delta R.T. 0.01 min
 Lab File: VY003640.D
 Acq: 02 Dec 2020 10:18

Tgt Ion:180	Resp:	98171
Ion Ratio	Lower	Upper
180	100	
182	96.2	76.1 114.1
145	28.5	22.8 34.2



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





#71

Naphthalene

Concen: 25.780 ug/L

RT: 15.23 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Instrument :

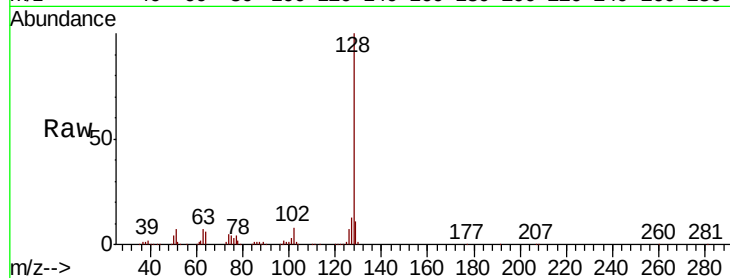
MSVOA_Y

ClientSampleId :

VSTD025409

Tot Ion:128 Resp: 218279

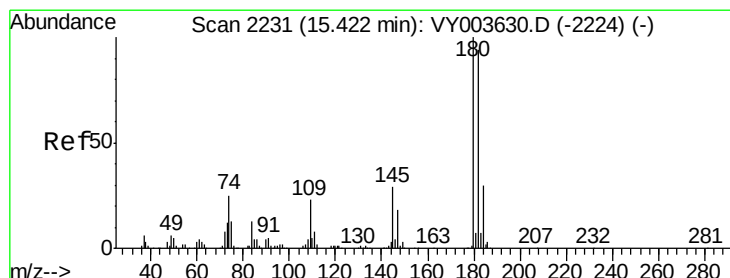
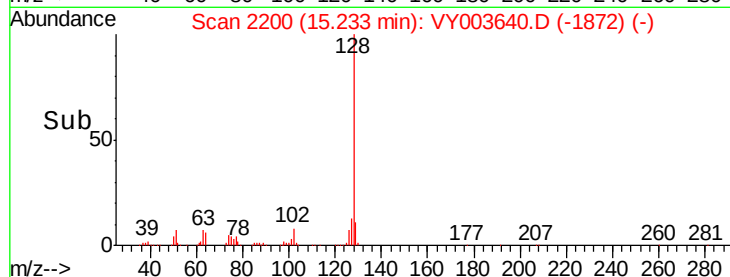
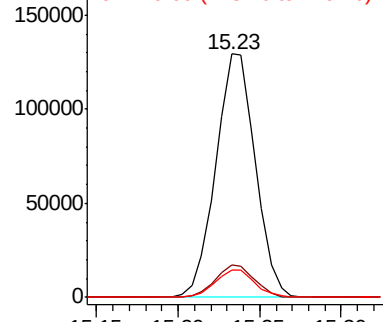
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.2	8.5	12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#72

1,2,3-Trichlorobenzene

Concen: 25.400 ug/L

RT: 15.42 min Scan# 2231

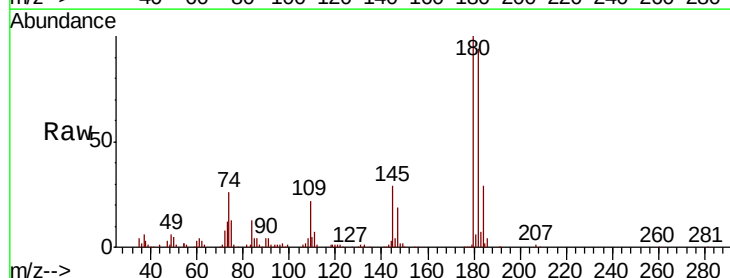
Delta R.T. 0.00 min

Lab File: VY003640.D

Acq: 02 Dec 2020 10:18

Tgt Ion:180 Resp: 90473

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.4
145	29.9	23.6	35.4



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

